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Weston Aluminium Pty Ltd
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Human Health Risk Assessment

Weston Aluminium, Thermal Waste Processing Project

Human Health Risk Assessment

Weston Aluminium, Thermal Waste Processing Project

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Executive Summary

AECOM Australia Pty Ltd (AECOM) was engaged by Weston Aluminium Pty Ltd (WA) to undertake a Human Health Risk Assessment (HHRA) for a proposed thermal waste processing facility at their existing aluminium recycling and refining facility located at 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW (the Site). The Site location is shown on **Figure F1** (**Appendix A**), while the Site setting and surrounding land uses is illustrated on **Figure F2** (**Appendix A**).

It is understood that WA is proposing to install a medical and other waste thermal processing facility at the Site in response to a continuing decline within the aluminium and steel sectors and identified growth opportunities in other emerging markets. WA is proposing to process up to 8,000 tonnes per annum of wastes.

The proposal has been declared a State Significant Development (SSD 7396) by the Secretary of the Department of Planning and Environment (DP&E) in accordance with *State Environmental Planning Policy (State and Regional Development) 2011* schedule 1, condition 23 (4) which states that "*Development for the purpose of waste incineration that handles more than 1,000 tonnes per year of waste"*.

An Environmental Impact Statement (EIS) is required to support the application for development consent and addresses the Secretary's Environmental Assessment Requirements (SEARs) which were issued on 16 December 2015 under section 78A(8A) of the *Environmental Planning and Assessment Act 1979*.

The SEARs outlined key issues that must be addressed as part of the EIS, with the SEAR applicable to the HHRA is outlined as follows:

- **Human Health Impacts**: a human health risk assessment that considers the potential adverse effects from human exposure to Project related environmental hazards including noise, air quality and contamination of drinking water conducted in accordance with the enHealth *Environmental Health Risk Assessment: Guidelines for assessing human health risk from environmental hazards (2012).*

This HHRA has been prepared as part of the EIS prepared by AECOM to address the abovementioned SEAR relating to human health impacts associated with the proposed development.

The objective of the HHRA is to assess potential future human health risks to surrounding residents, commercial workers and recreational users resultant from possible exposure to Site-derived environmental hazards associated with the proposed thermal processing facility operation. This included consideration of air quality (i.e. vapour and particulates), noise and vibration, odour and soil and water.

A total of four future operating scenarios were considered as part of the HHRA, as detailed in the table below.

Scenario ID	Scenario Name	Description	Consideration in HHRA
1	Normal Operating Conditions	• Based on standard operating conditions, with the proposed thermal processing plant operating continuously at maximum operational capacity of 800 kg/h. • All existing point sources modelled using average source emission data. • Scenario 1 is considered to be most representative of the future operating conditions with the proposed thermal processing facility.	Chronic health assessment as this scenario was considered to represent conservative operating conditions at the Site.

Scenario ID	Scenario Name	Description	Consideration in HHRA
2	Stack Emission Limits	• Proposed thermal processing plant operating continuously using proposed stack concentration Environment Protection Limits (EPL) detailed in Table 4 of the Air Quality Impact Assessment (AQIA) (AECOM, 2017c) . • All existing point sources modelled using average source emission data. • Scenario 2 is representative of theoretical worst-case impacts using the proposed emission limits and is unlikely to ever occur, and if so unlikely to be for long periods of time.	Chronic and acute health assessments as this scenario was considered to represent maximum operating conditions at the Site, although this is likely to only occur for short periods of time.
3	Battery Recycling Facility	• Modelling of emissions from the proposed adjacent battery recycling facility, using high-level design limit emission concentrations and assumes the battery recycling facility would be operating continuously. • Results of Scenario 3 were then added to the predicted maximum impacts in Scenario 1 to determine the cumulative impacts from operation of the WA plant including the thermal processing plant and the battery recycling facility.	Chronic health assessment as this scenario was considered to represent future cumulative operating conditions at the Site. This scenario was presented as part of the Sensitivity Analysis (**Section 8.0**)
4	Emergency Bypass Operations	• This scenario utilises maximum discharge emission concentrations based on design limits for the operation of the emergency bypass stack during upset plant conditions.	Acute health assessment as this scenario was considered to represent upset operating conditions at the Site.

The Chemicals of Potential Concern (CoPC) considered as part of this HHRA included:

- total suspended particulates (TSP);
- particulate matter (PM), assumed to be emitted as PM_{10} and $PM_{2.5;}$
- carbon monoxide (CO);
- sulfur dioxide (SO_2);
- sulfuric acid mist and sulfur trioxide (SO_3) (expressed as H_2SO_4);
- oxides of nitrogen (NO_x) (expressed as nitrogen dioxide (NO_2));
- chlorine and chlorine compounds (expressed as hydrogen chloride (HCl));
- fluorine and fluorine compounds (expressed as hydrogen fluoride (HF));
- volatile organic compounds (VOCs) (expressed as benzene);

- metals (antimony (Sb), arsenic (As), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), manganese (Mn), mercury (Hg), nickel (Ni), selenium (Se), tin (Sn) and vanadium (V); and
- semi-volatile organic compounds (dioxins and furans).

All air quality data used in the HHRA were derived from dispersion modelling provided in the AQIA (AECOM, 2017c) prepared to support the application for development consent. AECOM has adopted maximum 24-hour average concentrations reported over a year in the chronic health assessments (i.e. Scenario 1 and Scenario 2) and maximum 1-hour average concentrations reported over a year in the acute health assessments (i.e. Scenario 2 and Scenario 4). Additionally, AECOM has undertaken sensitivity assessments to assess chronic risks associated with Scenario 1 and Scenario 3 using maximum 1-hour and 24-hour concentrations, respectively. For both the main and sensitivity assessments, annual dust deposition rates derived from the dispersion modelling were used.

The following human receptors were considered in this HHRA based on the surrounding land uses:

- Off-site low-density residents;
- Off-site commercial workers; and
- Off-site recreational users of open space.

Pathways that have been considered to be complete for the Project and therefore were assessed in the HHRA include:

- Inhalation Pathway Assessment
  - Inhalation of vapours and particulates in indoor and outdoor air (acute and chronic assessments).
- Multiple Pathway Assessment
  - Inhalation of vapours and particulates in indoor and outdoor air (acute and chronic assessments);
  - Inhalation of surficial soil-derived dust in indoor and outdoor air (chronic assessment);
  - Direct contact (i.e. incidental ingestion and dermal contact) with deposited dust (chronic assessment);
  - Ingestion of home-grown fruit and vegetables following dust deposition on soil and plants (chronic assessment);
  - Ingestion of eggs from home-grown chickens residing on the deposited dust (chronic assessment); and
  - Ingestion of breast milk by infants based on mother's intake and maternal transfer (chronic assessment).

The estimated acute and chronic health risks to off-site residents (including an adult, child and infant), recreational users (adult and child) and commercial workers (adult) from all exposure pathways were considered low and acceptable excluding:

- Scenario 1 (Chronic Assessment – Sensitivity Analysis): Inhalation of vapour and particulates in indoor and outdoor air by an off-site resident (adult and child) using 1-hour grid maximum ground level concentrations and inhalation of vapour and particulates in indoor and outdoor air and ingestion of breast milk by an off-site resident (child/infant) using 1-hour maximum ground level concentrations. This scenario is considered to be overly conservative i.e. a resident exposed to the modelled 1-hour maximum concentration of all CoPC, for 24 hours a day, 365 days a year for 30 years, and is unlikely to be realised. AECOM notes that chronic human health risks under Scenario 1 using 24-hour maximum ground level concentrations were low and acceptable.
- Scenario 2 (Chronic Assessment): Inhalation of vapour and particulates in indoor and outdoor air by an off-site resident and ingestion of breast milk by an infant using 24-hour maximum and grid maximum ground level concentrations. The potential risk to off-site residents was predominantly driven by the inhalation of cadmium and nickel in air and consumption of cadmium contained in

breast milk. However, AECOM notes that the potential risk is unlikely to be realised based on the following:

- Stack concentrations for heavy metals in Scenario 2 were calculated using the proposed Type 1 and Type 2 Substances EPL stack concentration limit of 1 mg/m^3 and dividing the total stack concentration by the total number of heavy metals (13). These values were then used to calculate the relevant stack emission rate based on stack emission data. This approach is considered to be conservative and resulted in an overestimated of ground level impacts, especially when compared to Scenario 1;
- The EPCs adopted in Scenario 2 are the maximum 24-hour average concentrations that were predicted over an entire year. Therefore, it is unlikely that off-site residents would be exposed to these concentrations for 24 hours a day, 365 days a year for 30 years;
- Scenario 2 operating conditions are unlikely to ever occur, and if they do, it would only be for short periods of time. Therefore, a chronic health risk under these operating conditions is unlikely to be realised;
- It was assumed that a breast feeding mother is cumulatively exposed to CoPC all exposure pathways; and
- It was assumed that 90% of what is inhaled/ingested by a mother is stored in fat. However it is understood that cadmium is relatively poorly absorbed (2 to 7%) into the body (WHO, 2011) and cadmium levels in human milk are 5-10% of levels in blood (ATSDR, 2012).

While risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were typically below adopted acceptable levels.

These conclusions should be read in conjunction with the data gaps outlined in **Section 3.5**, uncertainties in **Section 8.0** and limitations in **Section 10.0**.

1.0 Introduction

AECOM Australia Pty Ltd (AECOM) was engaged by Weston Aluminium Pty Ltd (WA) to undertake a Human Health Risk Assessment (HHRA) for a thermal waste processing facility at their existing aluminium recycling and refining facility located at 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW (the Site). The Site location is shown on **Figure F1** (**Appendix A**), while the Site setting and surrounding land uses is illustrated on **Figure F2** (**Appendix A**).

1.1 Background

It is understood that WA is proposing to install a medical and other waste thermal processing facility at the Site in response to a continuing decline within the aluminium and steel sectors and identified growth opportunities in other emerging markets (the Project). WA is proposing to process up to 8,000 tonnes per annum of wastes.

The proposal has been declared a State Significant Development (SSD 7396) by the Secretary of the Department of Planning and Environment (DP&E) in accordance with *State Environmental Planning Policy (State and Regional Development) 2011* schedule 1, condition 23 (4) which states "*Development for the purpose of waste incineration that handles more than 1,000 tonnes per year of waste"*. Additionally, the proposal is also considered a Scheduled Activity under the *Protection of the Environment Operations Act 1997* (POEO Act). Schedule 1, condition 40 of the POEO Act implies that the thermal treatment of 'any quantity' of clinical or related waste is declared to be a scheduled activity. As such an Environment Protection Licence (EPL) issued under the POEO Act will be required.

An Environmental Impact Statement (EIS) is required to support the application for development consent and addresses the Secretary's Environmental Assessment Requirements (SEARs) which were issued on 16 December 2015 under section 78A(8A) of the *Environmental Planning and Assessment Act 1979*. The SEARs outlined key issues that must be addressed as part of the EIS, and the SEAR applicable to the HHRA is outlined as follows:

- **Human Health Impacts**: a human health risk assessment that considers the potential adverse effects from human exposure to Project related environmental hazards including noise, air quality and contamination of drinking water conducted in accordance with the enHealth *Environmental Health Risk Assessment: Guidelines for assessing human health risk from environmental hazards (2012).*

This HHRA has been prepared as part of the EIS prepared by AECOM to address the abovementioned SEAR relating to human health impacts associated with the proposed development. This HHRA has been written in conjunction with the other technical reports required as part of the EIS including:

- AECOM, 2016. *Phase 1 Environmental Site Assessment,* as summarised in Section 15 of the Environmental Impact Statement (EIS), *Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 26 August 2016;
- AECOM, 2017a. *Noise Impact Assessment, Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 11 April 2017;
- AECOM, 2017b. *Preliminary Hazard Analysis (PHA), Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 15 February 2017; and
- AECOM, 2017c. *Air Quality Impact Assessment, Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. June 2017.

1.2 Objective

The objective of the HHRA is to assess potential future human health risks to surrounding residents, commercial workers and recreational users resultant from possible exposure to Site-derived environmental hazards associated with the proposed thermal processing facility operation. This included consideration of air quality (i.e. vapour and particulates), noise and vibration, odour and soil and water.

The HHRA comprises a chronic assessment with consideration of cumulative risks and an acute assessment during upset or infrequent operating conditions at the Site.

1.3 Framework and Methodology

The HHRA was undertaken in accordance with relevant nationally adopted guidelines for a health risk assessment, including:

- Environmental Health Risk Assessment: Guidelines for Assessing Human Health Risks from Environmental Hazards. Department of Health and Ageing and enHealth Council, Commonwealth of Australia (enHealth, 2012a);
- Australian Exposure Factor Guidance: Guidelines for Assessing Human Health Risks from Environmental Hazards. Department of Health and Ageing and enHealth Council, Commonwealth of Australia (enHealth, 2012b); and
- National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) 1999. National Environment Protection Council (NEPC), as amended and in force on 16 May 2013 (ASC NEPM, 2013).

And the following international guidance:

- Health Effects of Municipal Waste Incineration, Chapter 5 - *2,3,7,8 Tetrachlorodibenzo-p-Dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health, Jeffery B. Stevens*, CRC Press 1991; and
- US EPA (2005) Human Health Risk Assessment Protocol (HHRAP) for Hazardous Waste Combustion Facilities, Final September 2005.

1.4 Scope of Work

The scope of work for the risk assessment, in accordance with enHealth (2012a) and ASC NEPM (2013) guidance included the following five stages:

1.4.1 Stage 1: Issue Identification

The purpose of Stage 1 was to identify the problems that the risk assessment needed to address and to establish the context for the risk assessment. It comprises a number of phases, including:

- Review of existing reports applicable to the HHRA (as identified in **Section 3.0**) to determine whether further assessment of potential human health risks was required;
- Consideration of the data quality and identification of any significant data gaps;
- Identification of Chemicals of Potential Concern (CoPC) and determination of whether there are any associated human health hazards;
- Identification of potential on-site source, migration pathways and human receptors linkages; and
- Stating why a risk assessment was required, and the scope and objectives of the HHRA.

This stage included the development of a Conceptual Site Model (CSM) for the Site outlining the source-pathway-receptor linkages. This is further discussed in **Section 4.10**.

The Stage 1 works are provided as **Section 3.0** and **Section 4.0** of the HHRA.

1.4.2 Stage 2: Hazard Identification

During Stage 2, the potential hazards from the CoPC identified in Stage 1, were identified by assessing the potential for adverse health effects from exposure to the CoPC, based on chronic and acute exposures.

This was achieved by undertaking a review of toxicity information published by Australian or international regulatory agencies (e.g. National Health and Medical Research Council (NHMRC), World Health Organization (WHO), Agency for Toxic Substances and Disease Registry (ATSDR), United States Environmental Protection Agency (US EPA)). Toxicity data are provided within each of toxicity profiles presented as **Appendix G**.

The Stage 2 works are provided as **Section 5.0** of the HHRA.

1.4.3 Stage 3: Dose-Response Assessment

The Stage 3 dose-response assessment examines the quantitative relationships between exposure to the CoPC and the associated health effects. The determination of whether there is a hazard is often dependent on whether a dose-response relationship is present. Relevant toxicity values for the identified CoPC were obtained from sources recognised by Australian regulatory agencies in accordance with the hierarchical approach detailed in Section 5.12 of enHealth, 2012a.

Incremental impacts and appropriate slope factors (unit risk factors) were used for compounds where no acceptable “safe” threshold is provided (i.e. carcinogenic compounds). For threshold compounds (i.e. non-carcinogenic compounds), appropriate reference concentrations (RfC) were used following an adjustment for background exposure (see below). It should be noted that some compounds are considered to be both threshold and non-threshold toxicological endpoints, and have been assessed as such.

Background exposure from food, drink, ambient air and consumer products was taken into account for threshold chemicals where levels were established. The consideration of background exposure resulted in the adjustment to the published toxicity data to account for the level which was representative of background exposure. Details of background exposure are provided within each of the toxicity profiles presented as **Appendix G**.

The Stage 3 works are provided as **Section 5.2** of the HHRA.

1.4.4 Stage 4: Exposure Assessment

During Stage 4, AECOM assessed the exposure magnitude, frequency, extent, character and duration for the identified sensitive receptors and the potential exposure pathways.

Appropriate human exposure parameters were selected in accordance with enHealth (2012b) and ASC NEPM (2013).

It was assumed that the concentration of vapours and particulates inside a building was 100% of the level predicted in the outside air.

The Stage 4 works are provided as **Section 6.0** of the HHRA.

1.4.5 Stage 5: Risk Characterisation

Risk characterisation is the qualitative and/or quantitative estimate outcome of the risk assessment. During this stage the nature and potential incidence of adverse health effects to receptors based on comparison of estimated contaminant intake or exposures to relevant toxicity (dose-response) criteria was characterised. The risk estimate for each individual chemical and exposure pathway was summed to produce the cumulative risk estimate for each exposure scenario.

For non-threshold (carcinogenic) CoPC, the incremental lifetime cancer risk estimates for each receptor was compared to an *acceptable* carcinogenic risk level of 1 in 100,000 (1×10^{-5}) (enHealth, 2012a).

For threshold (non-carcinogens) CoPC, potentially *unacceptable* chemical intake/exposure was indicated if the exposure level exceeded the Tolerable Daily Intake (TDI) or Tolerable Concentration (TC) (i.e. if the HQ is greater than 1.0) (enHealth, 2012a).

If the risk acceptability criteria for non-threshold and threshold CoPC were exceeded, a more detailed and critical evaluation of the risk was conducted, or appropriate risk management measures were recommended.

A sensitivity and uncertainty analysis was undertaken that includes a discussion of the key uncertainties associated with the HHRA process and the assumptions adopted for the exposure modelling. The risk estimates should be considered in the context of identified uncertainties.

The Stage 5 works are provided as **Section 7.0** of the HHRA, with the sensitivity and uncertainty analysis provided as **Section 8.0**.

2.0 Site Description and Setting

2.1 Site Description

The Site description details are provided in **Table 1** below.

Table 1 Site Details

Item	Description
Site Identification	Weston Aluminium waste processing facility
Site Address	129 Mitchell Avenue, Kurri Kurri, NSW
Title Identification Details	Lot 796 DP39877
Site Owner	Weston Aluminium
Site Location	**Figure F1**, **Appendix A**
Site Setting and Surrounding Land Uses	**Figure F2**, **Appendix A**
Existing Site Layout	**Figure F3**, **Appendix A**
Proposed Site Layout	**Figure F4**, **Appendix A**
Site Area	9.2 hectares (ha)

The WA Site is zoned as *IN3 Heavy Industrial* under the *Cessnock Local Environmental Plan 2011* (LEP 2011). Development for the purpose of a waste management facility is permissible with consent within this zone.

2.2 Site Location

The Project would be wholly contained within the existing WA Site, which is located within an industrial area between the townships of Kurri Kurri and Weston, approximately 130 km north of Sydney, as illustrated on **Figure F1**, **Appendix A**.

The Site is located within the Cessnock Local Government Area (LGA).

2.3 Surrounding Land Uses

The current land uses surrounding the WA Site are shown on **Figure F2**, **Appendix A**. A description of the surrounding land uses are provided in **Table 2** below.

It is noted that the surrounding land uses are consistent with the land use zonings published in the Cessnock Local Environmental Plan 2011.

Table 2 Surrounding Land Uses

Direction from Site	Land Use
North	Swamp Creek is located adjacent to the northern boundary of the Site. The former Hydro Aluminium Smelter, which ceased operation in October 2012 (currently in care and maintenance), is located approximately 2 km north of the Site and its buffer lands extend to the northern boundary of the Site. The Hunter Expressway runs between these two sites approximately 500 m to the north of the Site. A residence is located approximately 270 m to the north, within the buffer zone of the former Hydro Aluminium Smelter. It is understood that this residence is currently unoccupied; however it has been assumed that this location could be occupied in the future.

Direction from Site	Land Use
East	Swamp Creek is located approximately 500 m east of the Site. The Kurri Kurri wastewater treatment plant is located approximately 800 m east of the Site. A battery recycling facility has been proposed and is currently being assessed for development on land adjacent to the Site.
South	A number of industrial businesses are located south of the Site, including AllightSykes Kurri Kurri to the immediate south, and Alfabs Fibreglass approximately 200 m to the southwest of the Site. The Kurri Kurri residential area is located more than 600 m to the southeast of the Site. The Weston Workers Club is located approximately 900 m southwest of the Site, while Nellie Simm Park is located 600 m south of the Site.
West	The parcel of land to the immediate west of the Site is undeveloped land. A number of industrial businesses are located further to the west, including Central Waste Station approximately 150m and Hunter Valley Tyre and Auto approximately 500 m west of the Site. The Weston residential area is located more than 750 m to the west of the Site.

2.4 Current Land Use

The Site is currently used for the operation of an aluminium refining and recycling facility. Aluminium is recovered through two separate processes at the existing facility:

- Recovery from aluminium dross generated during aluminium smelting;
- Recovery from the re-melt of scrap aluminium; and
- Processing of spent pot lining (SPL) to enable its reuse in industrial and manufacturing processes.

In addition to aluminium and metal recycling activities, WA expanded its capability to process various waste streams through the trial thermal processing of illicit and pharmaceutical wastes. The Site currently operates under two separate Development Consents (a Ministerial Consent (DA-86-04-01) and a Land and Environment Court Development Consent (DA10397 1995)) and an Environmental Protection Licence (EPL 6423).

2.5 Proposed Development

Proposed thermal destruction/processing equipment is to be incorporated into the existing WA facility footprint, using existing access and emission control systems. Proposed plant and equipment would be located within the northern end of the Site with the northern fence line to be extended further north to accommodate the new development (still remaining within WA property boundaries). The location of the Project is shown in **Figure F4, Appendix A**.

The kiln is proposed to be established in an east-west orientation, with enclosed input storage facilities and a dedicated feeding system. The existing Baghouse 5 is to be utilised for emission capture and treatment of process emissions from the proposed plant and equipment before discharge to atmosphere via the existing Stack 5. This emission control system currently services Reverberatory Furnace process emissions, typically operated during one shift per day. A dry-lime scrubber system currently operates in conjunction with Baghouse 5 to treat acid gases and adsorb pollutants (e.g. polycyclic aromatic hydrocarbons (PAHs) and dioxins/furans). It is proposed that this scrubber system be upgraded to incorporate an activated carbon dosing system, with the activated carbon injected at the baghouse entry point. This control technology proposed to be used for the treatment of the process off-gas consists of a dry injection with Fabric Filter into Stack 5. As discussed in the AQIA (AECOM, 2017c), this type of technology is used to treat emissions at similar processing facilities and it is considered to represent best-practice technology that it will be able to effectively control all significant air pollutants to the levels required to ensure compliance with Project requirements.

WA is also seeking changes to some Environmental Protection Licence (EPL) limit for Point 13 (Stack 5) during operation of the proposed thermal construction equipment and would also require a variation to the existing load limit for oxides of nitrogen. WA is not seeking to vary/increase air emission concentration or load limits associated the current operation of the Reverberatory Furnace for this discharge point.

2.6 Proposed Operations

The proposed thermal processing plant (rotary kiln) (refer to **Figure 4**, **Appendix A**) would primarily be used to thermally treat a mixture of medical wastes including general refuse, laboratory and pharmaceutical chemicals and containers, pathological wastes and cytotoxic materials. The plant would also be used to thermally treat smaller quantities of quarantine and other wastes including pitch sludge residues, solvents (non-halogenated) and paints, oily rags and documents.

2.6.1 Operational Equipment

The proposed processing equipment would include:

- Solid waste loader and bin tipper to deliver solid waste materials directly into the primary chamber of the thermal processing plant;
- Primary combustion chamber, consisting of a rotary kiln equipped with a final ash burn out zone;
- Ash discharge system, whereby ash is removed by means of a water seal pit and drag conveyor;
- Secondary combustion chamber, equipped with two natural gas fired burners used to ensure virtually complete breakdown of combustible gases generated in the plants primary chamber and minimise emissions of dioxins and other products of incomplete combustion;
- Emergency bypass for hot combustion gases to be directly vented from the plant to atmosphere during incidents, power failure or other emergency situations. This application would use a separate stack equipped with a fail-safe pneumatically assisted counterweighted insulated stack cap and would be 12.5 metres (m) in height; and
- Waste bin washing machine.

Mitigation equipment for the medical waste facility has been designed specifically for the processing of these wastes and is based on best practice mitigation measures being utilised around the world (most commonly in Europe that has embraced incineration to a higher degree than elsewhere in the world). A review of the best practice has been provided in **Appendix A** of the AQIA (AECOM, 2017c).

2.6.2 Operational Procedure

The Project would generally be operated in the following manner:

- Trucks would deliver wastes to the Site and undergo visual inspection and checking prior to the site accepting waste materials. Waste material is received at the facility in bins in a variety of sizes, typically up to 660L;
- Waste bins would be either moved straight to processing, or if they needed to be temporarily stored prior to processing, moved to the secure storage facility on-site. Depending on the waste type certain wastes would be stored in cold storage e.g. biomedical wastes;
- When ready for processing an operator places a bin within the tipper arm which mechanically tips bins into the shredder. The waste shredder hopper will be surrounded by a metal shield to ensure there is no escape of wastes during deposition. There is no direct contact between the operator and the waste material, i.e. material would not be manually fed into the shredder by hand;
- The shredder would be operated under negative pressure to prevent fugitive or particle emissions during the waste transfer for shredding process. Air drawn from the shredder would be directed back into the incineration process air stream and treated accordingly as part of the plants emission control systems;
- Following shredding, shredded waste material would either be:
    - Conveyed directly to the primary combustion chamber for processing; or

- Placed back in secure storage in a sealed bin until it can be thermally processed.

- To permit the incineration of cytotoxic wastes, or any other wastes streams which are not be shredded (bulk of total inputs), the incinerator feeding system shall also be capable of handling conventional wheeled bins to permit the direct transfer of wastes from the delivery container into the incinerator combustion chamber (kiln). As above, the kiln feeding process is both automated and maintained under negative pressure to eliminate direct contact with wastes or process emissions;
- Following processing waste would result in inert ash (ash would have a general waste classification and not represent a hazard or health risk) and emissions that would be treated through the emissions controls; and
- Processes would be controlled by Programmable Logic Controllers (PLCs) and line monitoring equipment would be in place to monitor and manage the incineration process to ensure the complete combustion of waste materials.

A full and detailed description of the project and how it would operate is provided in Section 6.0 of the project EIS.

2.7 Waste Types and Volumes

As detailed in the Project EIS, the waste is anticipated to be as per **Table 3**.

Table 3 Waste Types and Volumes

Waste Type	Volume by Weight (%)
Medical Wastes	75
Quarantine Wastes	15
Other	10
'Other' waste would potentially comprise a mixture of pitch sludge's (4%), solvents and paints (2%), oily rags (2%) and documents and hard drives (2%) (indicative only).	

It should also be noted that following discussion with the EPA the project does not propose to process electronic waste (E-waste) such as hard drives or other secure electronic storage devices.

It is anticipated that a higher percentage of medical waste would be processed through the facility due to anticipated waste availability and service demand. It is therefore considered that the dispersion model, having been based on medical waste processing results from US EPA AP42 for Scenario 1 is considered representative for the Project.

Despite there being a lack of available representative data for the quarantine and "other" waste streams the following should be considered:

1. Due to the nature of their constituent inputs, it is not expected that other waste streams (e.g. quarantine wastes) would result in emissions above those generated from medical waste processing operations.
2. The dispersion modelling that was undertaken in the AQIA (AECOM, 2017c) is considered conservative in that:
    a. Scenarios 1 was based on US EPA AP42 emissions factors derived from actual emissions data extracted from the medical waste incineration industry; and
    b. Scenario 2 was modelled with emissions at 100% of the proposed stack concentration EPL for 100% of the time. This scenario is considered extremely unlikely to occur in reality and as such the results from the scenario are considered very conservative.
3. Both Scenario1 and Scenario 2 demonstrated compliance with all relevant ground-level air quality concentration criteria.

Regardless of the final ratio of proposed wastes, WA would be required to operate in accordance with its emissions limits as would be enforced through its EPL. This would be verified through the regular independent, NATA-accredited stack emission testing WA already undertakes to demonstrate EPL compliance.

During consultation with OEH and the EPA questions regarding the composition of quarantine wastes were raised. Despite its quarantine designation, this waste stream would be similar in composition (for example plastic content) to the other waste streams proposed for processing. Quarantine waste would be derived from Ports and airports and include materials that have been deemed a quarantine risk by Biosecurity Australia and would also include a range of waste such as from customs amnesty bins at international airports (principally food and beverage wastes).

Prior to the facility accepting any quarantine wastes WA would obtain a licence under the *Biosecurity Act 2015* (Cwth). Quarantine waste would be subject to inspection and subsequent handling and processing procedures in accordance with licencing requirements from Biosecurity Australia. Having engaged with Biosecurity Australia since mid-2016, WA are now at an advanced stage with regards to the necessary site upgrades and procedural development required for licence attainment.

2.8 Site Topography and Drainage

The Site and surrounding land are topographically flat with few distinguishing features. Approximately half of the Site has been developed for the existing operation, with the remainder covered in grass and trees or used for stormwater storage and drainage.

Swamp Creek is the nearest waterway, located approximately 50 m from the northern Site boundary, and generally only flows during times of rainfall. Surface water within the vicinity of the Site is not currently extracted for use by WA. Water used by the existing site operation is provided by the Hunter Water potable water network.

On-site stormwater is collected in stormwater drains and diverted to an on-site wetland area in the northeast of the Site. Underground drainage pipes run from the on-site wetland area to an irrigation area in the west and the water is used to irrigate vegetated areas on the Site. Waste water is disposed of via the Hunter Water wastewater network under a Trade Waste Agreement.

2.9 Soil Types and Properties

On the understanding that the Site comprises cut and fill materials, with the shallow subsurface is likely to comprise fill materials. Information obtained from the Soil Conservation Service of NSW – Singleton Soil Landscape Series Sheet SI 56-1 (1:250 000) (Kovac, M. and Lawrie, J.L., 1991), indicates that the area comprises grey solodic soils in poorly drained areas with yellow solodic soils on better drained slopes.

A review of the Australian Soil Resource Information System found that the Project has an extremely low probability for the occurrence of acid sulfate soils (ASRIS, 2016). This is reinforced by the Cessnock LEP mapping which indicates they site does not site with any Class of Acid Sulfate Soils.

2.10 Regional Geology

The Site is underlain by Palaeozoic, Early Permian sandstone, which makes up the Dalwood Group, Farley/Rutherford/Allandale/Lochinvar Formation (Hunter Coalfield Regional Geology sheet (1:100 000), Department of Mineral Resources). It is primarily compromised of basalt, silty sandstone, siltstone, minor sandstone and marl, and conglomerate, lithic sandstone.

2.11 Regional Hydrogeology

A search was conducted on 29 March 2016, through the NSW Department of Primary Industries Office of Water (NOW) website, for registered groundwater bores within the vicinity of the Site. There were no bores identified to be located within 500 m of the Site. The nearest neighbouring bores, approximately 2 km north north-east of the Site, displayed no groundwater standing water levels (SWLs).

Groundwater within the Site is not currently extracted for use by WA. There are no known groundwater users in the vicinity of the Site and groundwater is unlikely to be used for any anthropogenic beneficial purposes in the vicinity of the Site. The most sensitive identified beneficial user of groundwater in the vicinity of the Site would be existing terrestrial vegetation that has a moderate potential for groundwater interaction, as well as nearby riparian vegetation.

2.12 Meteorological Conditions

The meteorological conditions used in the dispersion modelling are detailed in the *Weston Aluminium Thermal Waste Processing Project Air Quality Impact Assessment* (AECOM, 2016) and are summarised below.

2.12.1 Wind

Wind speed and direction are largely affected by topography at the small scale, while factors such as synoptic scale winds affect wind speed and direction on the larger scale. Wind speed and direction are important variables in assessing potential air quality impacts, as they dictate the direction and distance air pollutant plumes travel.

A wind speed frequency distribution table as well as annual and seasonal wind roses were prepared and the following was noted:

- On an annual basis, the dominant wind direction is from the south west (occurring approximately 12 % of the time), with winds also frequenting from the east (10 % of the time) and west northwest (9 % of the time);
- The annual average wind speed was 2.35 m/s (a light to moderate wind speed), and calm winds (< 0.5 m/s) were found to occur for just over 2 % of the year; and
- Seasonally, the highest average wind speed during 2008 was observed during the winter months (2.55 m/s) and the lowest average wind speed occurred in autumn (1.91 m/s). The occurrence of easterly winds is frequent during spring, summer and autumn, while south westerlies are also common during autumn, winter and spring. During the winter months there is also a predominance of west north-westerly winds.

2.12.2 Stability Class

In dispersion modelling, atmospheric stability describes the rate at which a plume will disperse, represented by typically six classes; A to F (that is, unstable through to stable conditions). For the Site, stability class was calculated by the CALMET meteorological model for each hour in the 2014 calendar year. **Table 4** shows the frequency of occurrence of the stability categories expected in the area.

Table 4 Frequency of occurrence of stability categories at Kurri Kurri (2014)

Atmospheric Stability Class	Category	Frequency of occurrence (%)
A	Very unstable	3
B	Unstable	16
C	Moderately unstable	19
D	Neutral	13
E	Stable	5
F	Very stable	44

The most common stability class was found to be F class (44% of hours). This suggests that the dispersion conditions are such that air emissions will disperse slowly for a significant proportion of the time.

2.13 Existing Air Quality

The NSW Environment Protection Authority (EPA) operates a number of air quality monitoring stations in the Lower Hunter. The closest monitoring station site to the proposed development is located at Beresfield (17 km east of the Site). This station records hourly particulate concentrations (PM_{10} and $PM_{2.5}$) using a Tapered Element Oscillating Microbalance (TEOM), nitrogen dioxide (NO_2) and sulfur dioxide (SO_2). The ambient air quality monitoring data is presented in Section 3.3 of the Air Quality Impact Assessment (AECOM, 2017c) and a summary is presented below:

- Annual average PM_{10} concentrations in 2015 at the Beresfield monitoring station were below the EPA criterion (18.7 µg/m^3 compared to the EPA criterion of 30 µg/m^3);
- Annual average $PM_{2.5}$ concentrations in 2015 at the Beresfield monitoring station were below the NEPM Advisory Standard (7.4 µg/m^3 compared to the NEPM Advisory Standard of 8 µg/m^3);
- Annual average NO_2 concentrations in 2015 at the Beresfield monitoring station were below the EPA criterion (18.5 µg/m^3 compared to the EPA criterion of 62 µg/m^3);
- Annual average SO_2 concentrations in 2015 at the Beresfield monitoring station were below the EPA criterion (2.9 µg/m^3 compared to the EPA criterion of 60 µg/m^3);
- Ground level concentrations for CO are not recorded at the Beresfield EPA monitoring station, however 8-hour averages for CO are recorded at the EPA monitoring station in Newcastle, located approximately 31km southeast of the Site. The maximum 8-hour average for CO recorded at Newcastle in 2015 was below the EPA criterion (1,900 µg/m^3 compared to the EPA criterion of 10,000 µg/m^3);
- No measurements of local Total Suspended Solids (TSP) concentrations were available. In the absence of annual TSP concentration data, the annual PM_{10} concentration can be assumed to be 40% of the annual TSP concentration. This is a conservative approach as per data reported by the NSW Minerals Council (2000). This equates to an annual TSP concentration of 46.7µg/m^3, which is below the NSW EPA criterion of 90 µg/m^3;
- OEH do not currently undertaken ambient air quality monitoring for lead or air toxics. Previous ambient air quality monitoring for air toxics undertaken between 1996 and 2001 indicated low levels of pollutants within the Greater Metropolitan Region (GMR) as such background concentrations of lead and air toxics are not considered to be a primary issue of concern; and
- Ambient hydrogen fluoride ground level concentrations within the study area were examined as part of the earlier study *Weston Aluminium Fluoride Review* (AECOM, 2015). The study reviewed hydrogen fluoride monitoring data recorded by the former Hydro Aluminium plant between 2006 and 2014. Results of the study found that background ground level fluoride concentrations decreased between the period of operation and cessation of smelter operations at Hydro Aluminium in October 2014. Maximum ambient fluoride concentrations during October 2012 – 2014 (i.e. 0.2 µg/m^3 after 7 days, 0.16 µg/m^3 after 30 days and 0.11 µg/m^3 after 90 days), were below the general land use criteria (i.e. 1.7 µg/m^3 for 7 days, 0.84 µg/m^3 for 30 days and 0.5 µg/m^3 for 90 days).

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3.0 Assessment of Data

3.1 Introduction

Air quality and odour data used in the HHRA were derived from dispersion modelling provided in the following report:

- AECOM, 2017c. *Air Quality Impact Assessment, Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. June 2017.

All air quality data used in the HHRA were derived from dispersion modelling provided in the AQIA (AECOM, 2017c) prepared to support the application for development consent. AECOM has adopted maximum 24-hour concentrations and annual average dust deposition rates in the chronic health assessments (i.e. Scenario 1 and Scenario 2 as described in **Section 4.1**) and maximum 1-hour concentrations in the acute health assessments (i.e. Scenario 2 and Scenario 4 as described in **Section 4.1**).

Additionally, as part of the sensitivity analysis in **Section 8.0**, AECOM has considered maximum 24-hour concentrations maximum and annual average dust deposition rates for a chronic health assessment under Scenario 3 operating conditions and maximum 1-hour concentrations and annual average dust deposition rates for a chronic health assessment under Scenario 1 operating conditions.

Noise and vibration, soil and groundwater and preliminary hazard data considered in the HHRA were provided in the following reports:

- AECOM, 2016. *Phase 1 Environmental Site Assessment,* as summarised in Section 15 of the Environmental Impact Statement (EIS), *Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 26 August 2016;
- AECOM, 2017a. *Noise Impact Assessment, Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 11 April 2017; and
- AECOM, 2017b. *Preliminary Hazard Analysis (PHA), Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 15 February 2017.

An assessment of the abovementioned data is provided below **Section 3.2** (air quality and odour), **Section 3.3** (noise and vibration), **Section 3.4** (soil and groundwater) and **Section 3.5** (preliminary hazard analysis), and any associated data gaps related to the HHRA are discussed in **Section 3.5**.

3.2 Air Quality Impact Assessment, Weston Aluminium Thermal Waste Processing Project

AECOM was commissioned by WA to prepare an air quality impact assessment for inclusion into an EIS of a proposed medical waste thermal processing facility. A Level 2 AQIA was conducted in accordance with the *NSW Approved Methods for Modelling and Assessment of Air Pollutants in NSW* (DEC 2005).

The report provides an assessment of the potential ground level air quality impacts from particulates, sulphur dioxide, oxides of nitrogen, hydrogen fluoride, acid gases, volatile organic compounds (VOC), heavy metals and dioxins and furans from the proposed thermal waste processing plant.

The objective of the AQIA (AECOM, 2017c) was to characterise the proposed facility and to provide an overview of its potential effects on local air quality. Dispersion modelling was undertaken to quantitatively assess the air quality impacts associated with the Site. Four modelling scenarios were considered within the AQIA relevant to the Site as follows:

- Scenario 1 (Normal Operating Conditions): a conservative modelling scenario based on standard operating conditions, with the proposed thermal processing plant operating at a maximum operational capacity of 800 kg/h. This scenario is considered to be the most representative of future operating conditions with the proposed development;

- Scenario 2 (EPL Limits): a theoretical modelling scenario whereby the point source for the proposed thermal processing plant would operate at the maximum stack concentration for each pollutant set by the EPL;
- Scenario 3 (Battery Recycling Plant): to account for the air quality impacts associated with the proposed Kurri Kurri Battery Recycling Facility (BRF), these results were added to the predicted incremental impacts associated with the Site (i.e. Scenario 1) and existing background concentration to determine the cumulative impacts. It is noted that in the HHRA, background concentrations were added to Scenario 1 so cumulative impacts could be assessed; and
- Scenario 4 (Emergency Bypass Operations): utilises maximum discharge emission concentrations based on design limits for the operation of the emergency bypass stack during upset plant conditions. It should be noted that Scenario 4 was modelled for the purposes of the HHRA and was not presented within the AQIA (AECOM, 2017c).

Results of the modelling showed no exceedances of the relevant air quality criteria for all examined pollutants under Scenario 1 and Scenario 2 with the exception to cumulative impacts associated with predicted PM_{10} and $PM_{2.5}$ for both modelled scenarios. This was attributed to elevated background concentration of fine particulates, whereby the maximum 24-hour and annual average background particulate matter concentrations exceeded the EPA criteria. Overall, the Project contribution from the Site was found to be relatively small in Scenario 1 and Scenario 2, and similarly contributions from the adjacent BRF (Scenario 3) were also considered small. Furthermore estimates were considered conservative under 'normal operating conditions' with the thermal treatment plant operating continuously and at the maximum operational capacity of 800 kg/h, instead of intermittently in conjunction with reverb furnace operations.

The total volatile organic compound (VOC) concentration in Scenario 2 was reported well below the most stringent air quality VOC criterion of benzene. As such all VOC emissions would be below the applicable ground level concentration criteria under the proposed EPL limit. It is noted that the NSW EPA criteria for individual toxic air pollutants are based on EPA Victoria design criteria (Victorian Government Gazette 2001). These criteria are set at the lower of their toxicity and odour impact levels and as such compliance with the criteria infers compliance from both a toxicity and odour perspective. On this basis odour impacts are not expected to be a cause for concern from the facility.

In conclusion the results of the assessment indicate there would be no substantial air quality impacts from the operation of the proposed thermal processing plant at WA, and the proposed emission concentrations associated with operation of the plant are unlikely to result in any additional exceedances of local air quality criteria for all pollutants examined.

Further assessment of impacts from air quality on human health has been undertaken as part of this HHRA, refer to **Section 4.0**. It should be noted that the AQIA used 99.9^{th} percentile values in accordance with DEC (2005), while the HHRA conservatively adopted 100^{th} percentile values in accordance with ASC NEPM (2013) and enHealth (2012a).

3.3 Noise Impact Assessment, Weston Aluminium Thermal Waste Processing Project

AECOM was commissioned by WA to prepare a Noise Impact Assessment (Noise Assessment) for inclusion into an EIS for the proposed medical waste thermal processing facility. In preparing this Noise Assessment, the SEARs issued for the Project (SSD_7349) have been addressed as required by Clause 75F of the EP&A Act. The key matters raised by the Secretary for consideration in this noise and vibration impact assessment are:

- A quantitative assessment of potential construction and operational and transport noise and vibration impacts in accordance with the relevant EPA guidelines; and
- Details and justification of the proposed noise mitigation and monitoring measures.

The scope of the assessment included noise measurement surveys, establishing noise and vibration criteria, noise and vibration model predictions for construction and operational scenarios, a noise and vibration impact assessment relative to appropriate criteria and recommendations for noise and vibration control measures where necessary.

This impact assessment addresses the SEARs relating to noise by considering the impact of noise and vibration on nearby noise sensitive receivers during the construction and operational phase of the proposed facility. The noise and vibration assessment was carried out in accordance with NSW regulatory requirements which results in addressing the assessment as follows:

Construction Noise and Vibration

The construction noise and vibration assessment was conducted in accordance with EPA's Interim Construction Noise Guidelines (ICNG) and the EPA's assessing vibration: a technical guideline (AVTG). The noise and vibration assessment associated with the construction phase of the Project, indicates compliance with the ICNG and the AVTG noise and vibration management levels at the nearest residential and commercial receivers.

Construction Road Traffic Noise

The road traffic noise associated with construction activities was assessed in accordance with EPA's NSW Road Noise Policy (RNP) guidelines. The road traffic noise assessment associated with the construction phase of the Facility indicates compliance with the RNP acoustic criteria.

Operational Noise and Vibration

The operational noise and vibration assessment was conducted in accordance with EPA's NSW Industrial Noise Policy (INP) guidelines and the AVTG. The operational noise and vibration impact assessment indicates compliance at all assessment locations during the daytime periods and a minor exceedance during night-time period under conservative, worst-case modelled conditions where noise enhancing meteorology occurs. Due to the conservative nature of the modelling this impact is expected to have a negligible impact on the receiver.

Sleep Disturbance

The sleep disturbance assessment was conducted in accordance with EPA's INP guidelines. The assessment indicates compliance at all assessment locations during the night-time period.

Operational Road Traffic Noise

The road traffic noise assessment was conducted in accordance with EPA's RNP guidelines. The road traffic noise assessment associated with the operational phase of the Facility indicates compliance with the RNP acoustic criteria.

Based on the conclusions of the Noise Assessment, no further assessment of noise impacts on human health has been undertaken as part of this HHRA.

3.4 Phase 1 Environmental Site Assessment, Weston Aluminium Thermal Waste Processing Project

AECOM was commissioned by WA to prepare a Phase 1 Environmental Site Assessment (ESA) for inclusion into an EIS of a proposed medical waste thermal processing facility. The report objective was to conduct a desktop-based preliminary contamination assessment for the proposed facility.

A desktop study was conducted to review the Site and its history, including a review of land titles information, current and historical aerial photography, New South Wales Environment Protection Authority (NSW EPA) and NSW WorkCover Dangerous Goods storage records, and any available documentation regarding environmental practices and/or incidents at the Property/Site, including but not limited to the chemical register and Safety Data Sheets (SDS), asbestos register, environmental management plans or licenses or previous investigation reports and records of environmental investigations and/or incidents.

A Site inspection was also undertaken by AECOM environmental scientists on 8 March 2016 to confirm the current condition of the Site and immediate surrounds approximately 500 m from Site boundary. This inspection comprised of a visual inspection of the main operational areas within the Site and interviews with staff to discuss the historical operation at the Site.

A review of the certificates of title has identified potentially contaminating historical activities at the Site since 1990 when Australian Ultra Concrete Floor Pty Ltd commenced ownership. However, based on the aerial photographs, the potential for contaminating activities is unlikely prior to 1994 as the Site was undeveloped vegetated land prior to that time. According to the aerial photographs, the first sign of development of the Site appears in 1998 and in 2006 for the Site.

Interviews with the Plant Manager and a search of the list of NSW contaminated sites notified to the NSW EPA also indicated that no records applicable to the Site and adjacent land are currently held by the NSW EPA and no anecdotal evidence of historical spills or contamination incidents at the Site. Anecdotal evidence and the Site investigation also revealed that the storage area for finished product was undercover and unlikely to come into direct contact with stormwater and soil. Stormwater from the Site is directed into an on-site wetland area and captured water is irrigated back to vegetated areas on the Property.

This investigation indicated that the areas of potential environmental concern for the Site included the storage and the potential for degradation of metal products (aluminium) on sealed exterior areas of the Site and the potential for uncontrolled fill material to be present under the sealed surfaces of the Site. Additionally, other on-site areas of environmental concern were identified to be:

- Storage and use of batteries and hydrocarbon based chemicals within the maintenance workshop, although it is noted these activities were undertaken on good integrity concrete;
- Storage of diesel from the 10,000 L AST, and use for vehicle refuelling on sealed surfaces in its immediate vicinity;
- Vehicle washing activities in the wash-bay area;
- Parking of vehicles in sealed areas and potential for minor oil/fuel spills; and
- Potentially leaking stormwater drains and sumps.

However, this risk was lowered by current Site management such as bunded areas for storage, conditions of the AST and refuelling systems, the oil-water separator and sealed surfaces. Despite the lack of data to understand the concentrations of contaminants on-site, TPH, BTEX, VOC, PAHs and heavy metals were of potential concern and could be present within soil, groundwater and surface water at the Site. These could potentially impact workers and visitors of the Site, adjacent site users and visitors and Swamp Creek. It was recommended that soil sampling be undertaken at the Site prior to construction to assess contamination status and provide an indicative waste classification. Potential contamination could also be dealt with during the construction phase with a satisfactory Construction Environmental Management Plan; however this approach was associated with a higher level of uncertainty and the potential to delay construction.

In the absence of measured data (e.g. soil, groundwater and surface water), no further assessment of soil and water impacts on human health has been undertaken as part of this HHRA.

3.5 Preliminary Hazard Analysis, Weston Aluminium Thermal Waste Processing Project

A hazard and risk assessment has been conducted for the Project in accordance with the requirements of *State Environmental Planning Policy No 33—Hazardous and Offensive Development* (SEPP 33) and DP&Es relevant Hazardous Industry Planning Advisory Papers (HIPAPs). The objective of the Preliminary Hazard Analysis (PHA) was to assess the project from a hazardous land use planning perspective and ensure that hazards associated with the Project are identified and appropriately mitigated such that the potential for off-site impacts are considered unlikely/acceptable. The PHA reviewed potential hazards associated with Class 2, 3, 6, 8 and 9 and maximum threshold quantities of the anticipated types of hazardous materials stored at any one time were estimated.

The PHA focused on the Project itself, however a cumulative assessment of risks at the Site was also undertaken. Previous hazard and fire safety studies have been conducted for the existing operations and facilities on the Site.

The Project operations will introduce additional storage and handling of dangerous goods and hazardous chemicals in the form of wastes to be thermally treated. WA plans to process the following wastes at its proposed thermal processing plant. The corresponding NSW EPA waste codes are also included in parentheses:

- Clinical and related wastes NOS (R100);
- Pathogenic substances (R110);
- Wastes from the use of pharmaceutical products NOS (R120);
- Cytotoxic substances (R130);
- Waste from the production, preparation and use of pharmaceutical products NOS (R140);
- Waste chemical substances arising from research and development or teaching activities, NOS which are new or unidentified substances with unknown human health or environmental effects (T100);
- Solvents (non-halogenated) and Paints;
- Pitch sludge residues;
- Oily rags; and
- Documents (data-based wastes).

Biomedical waste would be the key wastes managed, however other types of wastes could include:

- Quarantine wastes, usually received from international ports (shipping and air);
- Security wastes, including confidential documents;
- Illicit materials, including drugs; and
- Miscellaneous scheduled wastes, including obsolete materials.

Additional hazardous chemicals such as diesel and natural gas are used for services supply.

Following a preliminary risk screening, Class 6.1 Toxic and 6.2 Infectious substances were identified as the key potential hazard sources. One example was loss of containment of toxic emissions due to leak/hole in equipment or equipment failure resulting in an emergency release. The bag house emissions control system is robust and has proven to effectively mitigate the risk of emissions. Additionally, a number of safeguards as listed in Appendix A of the PHA report (e.g. baghouse fitted with particulate monitoring systems and high differential pressure detection to activate bag pulsing and cleaning processes, updated environmental management systems and baghouse 5 to treat exhaust gases from the furnace) are in place to prevent such an event from occurring or mitigating the possible effects.

Other potential control measures/environmental safeguards were identified in Section 6.0 and Appendix A of the PHA report to manage storage and handling of dangerous goods and hazardous chemicals during the design, construction, operation and post-closure of the Project. These safeguards would be implemented on a project phase basis and not a scenario basis i.e. all operations safeguards would be in place for the duration of operation. Overall, due to the locational, technical, operational and organisational safeguards employed, the Project is not considered to pose a significant risk.

Based on the conclusions of the PHA, no further assessment of hazards on human health has been undertaken as part of this HHRA.

3.6 Data Gaps

Some data gaps which may impact the HHRA were identified based on a review of the available reports and data. Identified data gaps and the manner with which they have been addressed are summarised in **Table 5**.

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Table 5 Data Gaps

Data Gap	Potential Significance	Addressed in HHRA
Inherent uncertainty of air dispersion modelling	**Moderate**: Conservatism of the air quality data. Models predict maximum concentrations for any specific set of input data (say on a one hour basis), i.e. they predict the maximum concentrations that would result from a large set of observations under the specific conditions being modelled. However, for any specific hour with those exact maximum hourly conditions, the predicted ground level concentrations will never exactly match the actual pattern of ground level concentrations, due to the effects of random turbulent motions and random fluctuations in other factors such as temperature.	The HHRA has adopted 24-hour maximum concentrations over a year period based on meteorological data from a representative year to be representative of overall conditions and to account for some of the uncertainty associated with dispersion modelling. Additionally, the 1-hour maximum concentrations were considered as part of the sensitivity analysis presented in **Section 8.0**.
It is not known when the Site will be operational (e.g. when feedstock is available) or non-operational (e.g. when feedstock in available or during periods of cleaning/maintenance)	**Low**: No data available It is understood that the Site will operate intermittently in conjunction with reverb furnace operations.	The HHRA (and AQIA) conservatively assumed that the Site will operate continuously for 24 hours per day, 7 days per week. It also assumes that all seven source stacks will be operational concurrently. Therefore, if the Site was to be non-operational for periods, the air quality impacts are likely to decrease.
Longer term averaging periods (e.g. 24-hour or annual) have not been included in the upset operating conditions assessment.	**Low**: Not assessed The upset operating conditions assessment only considered short-term averaging periods (less than 4-hours).	As upset operating conditions would not continue for greater than 4-hours, the assessment of short-term averaging periods does not impact the HHRA.

Data Gap	Potential Significance	Addressed in HHRA
All CoPC not assessed for each future operating condition scenario (detailed in **Section 4.1**).	**Moderate**: No data available As discussed in **Section 4.4**, not all CoPC were assessed in each of the operating scenarios for reasons such as: • Co, Se, Sn, V and VOCs in Scenario 1 as these were not listed in the *AP 42 Compilation of Air Pollutant Emission Factors* (US EPA 1995). • SO_2, HF and Cu in Scenario 2 as there are no prescribed limits for the plant available in Schedule 4 of the Protection of the Environment Operations (Clean Air) Regulation 2010 (POEO Clean Air Regulation). • CO, SO_3, HCl, HF, VOCs, metals (excluding lead) and dioxins and furans in Scenario 3 as no emission data were available for the BRF. • $PM_{2.5}$, PM_{10}, CO, H_2SO_4, VOCs in Scenario 4 as no emission data was available in design information for the emergency bypass stack.	Where data was available, the CoPC was included in the assessment of the future operating scenario. However, where data was not available, these CoPC could not be included in the assessment. It should be noted that each CoPC listed in **Section 4.4** was assessed at least once in the HHRA under different operating scenarios. If emission data or prescribed limits become available in the future, the HHRA may need to be revised.
Potential future changes of land use surrounding the Site to more sensitive uses.	**Moderate:** Identification of potential human receptors was based on a review of the Cessnock LEP, 2011. If these land uses were to change to more sensitive uses, the risk profile to off-site receptors would likely increase.	To address any sensitive land use changes in the future, the HHRA includes an assessment using the grid maximum ground level concentration i.e. the highest 24-hour annual average (chronic) and 1-hour maximum (acute) ground level concentrations reported from the dispersion modelling. Adopting grid maximum concentrations ensures that the most sensitive receptor is being assessed with a 'worst-case' exposure point concentration.

Data Gap	Potential Significance	Addressed in HHRA
Emission data not available for a chemicals that may be present within the processed waste or that may be generated and emitted during the incineration process	**Moderate**: No data available All potential CoPC not assessed which could result in an underestimated assessment of the potential risk to human health.	A review of emission data from comparable facilities in Australia (including ACE Waste in QLD and Sterihealth in NSW) was undertaken as part of the development of the AQIA emissions inventory. Although there were emissions data available for the Sterihealth facility (10 stack testing pollutants), the context of the data was not available i.e. full stack testing report was not available including throughput at the time of testing, waste type being processed during testing etc) and as such it was considered unsuitable for use in the AQIA (AECOM, 2017c). Emission factors provided by AP42 for incineration operations were adopted for the modelling assessment. The AP42 emission factors are by their nature considered to be conservative (due to the assumptions made when developing the emission factors) and considered to be a robust estimation of the expected operational emissions from the facility.

Data Gap	Potential Significance	Addressed in HHRA
Emission data not available to assess odour emissions	**Low**: Assessed qualitatively Odour emissions not quantitatively assessed in the HHRA.	Given the control mechanisms in place for the handling of the waste i.e. cold storage and bagged material received and either stored unopened or immediately sent to the kiln or shredder (which are under negative pressure), the potential for odour prior to the shredder is considered to be low. Following shredding the medical waste material is either sent directly to the combustion chamber or sent back for cold storage. On this basis, it is considered that the potential for fugitive odour emissions is low. However, a qualitative assessment of odour was undertaken as part of the AQIA whereby VOCs (i.e. the most comment cause of odour concerns) were modelled at the Clean Air Regulation (CAR) limit. This assessment demonstrated compliance with the ambient limits for VOC, which by inference addresses the concerns relating to odours (refer to the AQIA (AECOM, 2017c) and **Section 3.2** of the HHRA). Therefore, additional system requirements and ongoing energy use required to ensure the entire building is under negative pressure is not considered to be necessary for this facility.
Emission data not available to assess fugitive emissions	**Low**: Assessed qualitatively Fugitive emissions not quantitatively assessed in the HHRA.	Fugitive emissions from the WA facility are expected to be minimal. All major sources or emissions are covered with extraction systems which are vented through emission control devices, and this is true of the proposed medical waste facility which has dual emission control system incorporated into its operation i.e. carbon injection and fabric filter collection for pollutant adsorption and capture.
No transfer factor from chicken to eggs available for vanadium	**Low –** No chemical data available Vanadium not considered in the ingestion of eggs pathway	With reference to the vanadium toxicity profile prepared by ATSDR (2012), the mean concentration of vanadium measured in eggs (0.3 µg/100g) is typically less than other food items (maximum of 1.0 µg/100g in meat/fish/poultry and 2.3 µg/100g in grains). This suggests that the transfer of vanadium from chickens to eggs is likely to be minimal. Therefore, the absence of a transfer factor for vanadium is unlikely to significantly affect the outcomes of the HHRA.

Data Gap	Potential Significance	Addressed in HHRA
No assessment of consumption of chickens has been undertaken	**Low** – Not considered to be a significant pathway Excluding potentially complete exposure pathways may result in an underestimated assessment of the potential risk to human health.	The Site is located within a predominantly industrial area with residents that may keep chickens located approximately 600 m for the Site. Given the residential area is low-density and not agricultural, similar to the assumptions made in the ASC NEPM (2013), pullet chickens are considered to be kept for egg production and not for consumption purposes.
No plant uptake factors available for lead	**Low –** No chemical data available Lead not considered in the ingestion of fruit and vegetable pathway.	IARC (2006) has noted that plant uptake of lead from soil is low due to the low bioavailability of lead in soil and its poor translocation from the root to the shoot (ASC NEPM, 2013). In the HHRA, it has been assumed that the small amount of lead that may be taken up into home-grown produce is likely accounted for in the consideration of intakes from the diet (i.e. background).

Data Gap	Potential Significance	Addressed in HHRA
No assessment of vapour-to-leaf transfer of chemicals to edible plants or dust deposition onto plants.	**Low -** Not considered to be a significant contaminant transport pathway -	Root uptake was considered in the HHRA as this was considered to be the most significant transport pathways given the nature of most contaminants. Additionally, there is a potential for dust containing bioaccumulative CoPC to deposit onto and be up taken by plants including dioxins and furans (Hattemer-Frey et. al. 1991)). Therefore this contaminant transport pathway has been included in the assessment. Vapour-to-leaf transfer was not considered to be a significant accumulation pathway as bioaccumulative CoPC considered in the multiple pathway assessment are not volatile (based on the henry's law constant and vapour pressure) and therefore unlikely to be present in 'air' in the vapour phase. This is further supported by the dispersion modelling results whereby negligible concentrations of non-volatile CoPC (e.g. metals and dioxins/furans) were reported in air across the grid. Therefore, with negligible concentrations of bioaccumulative CoPC in air, this is not likely to be a significant pathway of concern.

4.0 Issue Identification

4.1 Scenarios Considered in the HHRA

4.1.1 Future Operating Conditions

A total of four scenarios were discussed as part of AQIA (AECOM, 2017c). These scenarios are for future operating conditions and are described in **Table 6**.

Table 6 AQIA Scenarios

Scenario ID	Scenario Name	Description
1	Normal Operating Conditions	• Based on standard operating conditions, with the proposed thermal processing plant operating continuously at maximum operational capacity of 800 kg/h. • All existing point sources modelled using average source emission data. • Scenario 1 is considered to be most representative of the future operating conditions with the proposed thermal processing facility.
2	Stack Emission Limits	• Proposed thermal processing plant operating continuously using proposed stack concentration EPL detailed in Table 4 of the AQIA. • All existing point sources modelled using average source emission data. • Scenario 2 is representative of theoretical worst-case impacts using the proposed emission limits and is unlikely to ever occur, and if so unlikely to be for long periods of time.
3	Battery Recycling Facility (Cumulative Impacts)	• Modelling of emissions from the proposed adjacent battery recycling facility, using high-level design limit emission concentrations and assumes the battery recycling facility would be operating continuously. • Results of Scenario 3 were then added to the predicted maximum impacts in Scenario 1 to determine the cumulative impacts from operation of the WA plant including the thermal processing plant and the battery recycling facility.
4	Emergency Bypass Operations	• This scenario utilises maximum discharge emission concentrations based on design limits for the operation of the emergency bypass stack during upset plant conditions.

For the assessment of chronic human health risks, AECOM has used representative long-term air quality data from Scenario 1 as this is considered to represent 'normal' operating conditions at the Site. Additionally, AECOM has quantitatively assessed chronic exposures to Scenario 2 as this is considered to represent 'worst case' operating conditions at the Site.

For the assessment of acute human health risks, representative short-term air quality data from Scenario 4 was used as this was considered to represent upset operating conditions at the Site.

Sensitivity assessments were also undertaken using representative short-term air quality data from Scenario 1 and long-term air quality data from Scenario 3 (refer to **Section 8.0)**.

It is noted that general background air quality conditions were not included in any of the above modelled scenarios in the AQIA (AECOM, 2017c), excluding consideration of the proposed BRF in Scenario 3.

In accordance with ASC NEPM (2013), background concentrations of chemical substances should be understood and incorporated into the HHRA to ensure cumulative risks are being assessed. Therefore, measured background concentrations reported from the closest EPA monitoring station (i.e. Beresfield monitoring station located approximately 17 km from the Site) were added to the air quality data, as presented in **Appendix B**.

Potential human health risks to on-going commercial workers and visitors to the Site should be addressed in accordance with NSW Work Health and Safety (WHS) Regulations and have therefore not been considered further as part of this HHRA.

4.1.2 Future Construction Conditions

As per Section 4.1 of the AQIA (AECOM, 2017c), construction activities associated with the Project have the potential to generate dust due to exposed soils, and generate emissions from plant, machinery and vehicles. Civil works are expected to take several months and be restricted to a relative small area within the confirmed of the WA site, therefore potential construction air quality impacts would be minor. Standard construction air quality management measures would provide a suitable level of management and should be incorporated into the Project Construction Environmental Management Plan (CEMP).

4.1.3 Emission Data

All non-Project related emissions were modelled using average source emission data. The use of an average emission rate is considered more appropriate than using a maximum emission rate from each source as it does not represent the facility operating at normal operating conditions, which varies in terms of throughput, material composition and process schedules. It is not considered plausible for the plant to operate at its maximum rate for 365 days per year, 24 hours per day due to the cyclical nature of the process (unloading and loading furnace etc.) and schedules shutdown and maintenance periods.

To confirm whether this assertion could be considered as an overestimation even at its average emission rates, the potential for the existing stacks to operate concurrently was sought from WA. The current facility operations operate as follows:

- Stack 1 OR Stack 5 - Depending upon whether Rotary Furnaces are operating (Stack 1) or Reverb Furnace (Stack 5), but WA do not currently have the workload demand (or staff) to operate all furnaces simultaneously;

  Note: for the proposed 'Medical & Other Waste Processing' plant, both Stacks 1 and 5 may ultimately be operated concurrently for part of the month;

- Stack 2 - only operational for short periods, typically when dross/SPL deliveries occur to Front Bays within the Main Plant Building;

- Stack 3 OR Stack 4 - depending on which MRM-Cooler is operational. Not operated simultaneously;

- Stack 6 - only actively servicing 'Holding Side' of the Reverb Furnace when remelt and casting occurs (and when a heel may be held); and

- Stack 7 - typically operated for 1 or 2 x 8 hr shifts per day on a shift rotation (day, afternoon and night intervals) depending upon Crushing Plant and Briquetting Plant demand.

Based on this description, it is clear that the facility operating with all stacks emitting pollutants concurrently is an overestimate and the assumption that the facility operates 24 hours per day, 365 days per year is also considered to be highly conservative. However, as the plant could physically operate (regardless of lack of feed, maintenance downtime etc.) it has been modelled as such to allow the emissions to be included as background. The use of the average emissions is considered a realistic factor considering the nature of the operations over the year.

4.2 Contamination Sources

The proposed operation of the Site has been described in detail, including emission sources, air emission controls and potential emission concentrations in the AQIA (AECOM, 2017c).

Emission sources identified at the Site include eight emission stacks (Stack 1 to Stack 8). Stack 1 to Stack 7 have been included in the chronic risk assessment (Scenario 1 and Scenario 3), while the bypass stack (Stack 8) that is only operational in emergencies, has been included in the acute risk assessment (Scenario 4). Although Scenario 2 was assessed via an acute exposure pathway, proposed EPL limit emissions were from Stack 1 to Stack 7 as this is not an emergency condition that would require use of Stack 8.

The stack parameters for each of the eight modelled stacks are described in **Table 7**.

Table 7 Potential Sources of Contamination

Stack ID	Diameter (m)	Flow Rate (Nm^3/s)	Velocity (m/s)	Temp (K)	Height AGL (m)	MGA 56 Coordinates (m)	
						X	Y
Stack 1	1.65	24.4	26.0	349.3	15	357265	6369322
Stack 2	1.265	13.7	22.9	302.4	15	357310	6369262
Stack 3	1.0	8.9	23.9	305.2	15	357310	6369272
Stack 4	1.395	22.7	31.8	312.4	15	357314	6369296
Stack 5	1.49	21.4	18.8	423.2	30	357347	6369347
Stack 6	0.58	1.9	21.9	557.6	18	357302	6369325
Stack 7	1.5	29.5	35.1	301.4	15	357325	6369226
Stack 8	1.1	4.2	19.2	1173.2	12.5	357326	6369358

For the purposes of the HHRA, the emissions associated with each source (i.e. Stack 1 to Stack 7) have been conservatively evaluated as occurring concurrently for 24 hours a day seven days per week.

4.3 Data Used in the HHRA

The AQIA provides details of the air dispersion modelling methodology and results of the AQIA (AECOM, 2017c). The AQIA included modelling of relevant contaminants during the operation of the Site (contaminants identified in **Section 4.4**) and estimating representative ground level for each CoPC and deposition rates at each human receptor for use in the HHRA. The air quality modelling approach undertaken is summarised in **Section 3.2**. As previously discussed, the air quality modelling undertaken is conservative as it is assumed that the thermal treatment plant is operating continuously and at the maximum operational capacity of 800 kg/h, instead of intermittently in conjunction with reverb furnace operations.

4.3.1 Chronic Health Assessment (Scenario 1 and Scenario 2)

In the chronic HHRA (Scenario 1 and Scenario 2), 24-hour maximum annual average ground level concentrations at each receptor (i.e. residential, recreational and commercial) and grid maximum concentrations (discussed in **Section 4.3.3**) were adopted as these were considered to represent current and future off-site human exposure conditions. The '24-hour maximum annual average concentration' is the maximum value (concentration) of the 24-hour averages that were predicted over an entire year. The 'grid maximum' is the highest concentration reported from all arbitrary gridded receptors.

For non-volatile CoPC, annual average and grid maximum dust deposition rates[1] (as mg/m^2/year) were adopted based on the established relationship between the anticipated source concentrations under typical operating conditions and the dust deposition annual average concentration. The deposition rates were used to determine what concentrations may deposit onto soil and therefore be present via a number of additional exposure pathways other than inhalation. The deposition modelling realistically assumes dry (as opposed to wet) deposition and is estimated in CALPUFF using a multi-layer resistance model (Earth Tech, 2000). Dry deposition entails gravitational settling, impaction and diffusion to surfaces and results in greater dispersion (i.e. emissions travel further) than wet deposition which "washes out" airborne emissions. Given dust emissions from the Site are expected to be low and that the area does not receive high amounts of rainfall, the consideration of only dry deposition is appropriate for the purposes of this assessment.

Sensitivity assessments (**Section 8.0**) were also undertaken to assess the chronic health risks associated with:

- Scenario 1 using 1-hour maximum annual average and grid maximum ground level concentrations and annual average and grid maximum dust deposition rates. The '1-hour maximum annual average concentration' is the maximum value (concentration) of the 1-hour averages that were predicted over an entire year; and
- Scenario 3 using 24-hour maximum annual average and grid maximum ground level concentrations and annual average and grid maximum dust deposition rates.

4.3.2 Acute Health Assessment (Scenario 4)

In the acute HHRA (Scenario 4), 1-hour maximum annual average ground level concentrations and grid maximum concentrations (discussed in **Section 4.3.3**) were adopted as these were considered to represent worst-case off-site human exposure conditions.

In the first instance, the acute health assessment comprised a Tier 1 screening assessment using modelled air concentrations.

A sensitivity assessment (**Section 8.0**) was also undertaken to assess the acute health risks associated with Scenario 2 using 1-hour maximum annual average and grid maximum ground level concentrations and annual average and grid maximum dust deposition rates.

4.3.3 Grid Maximum Locations

As expected, the locations where grid maximum concentrations were reported differed between each scenario modelled, the CoPC and the averaging period assessed i.e. 1 hour and 24 hour averaging periods. However, it is understood that all grid maximum concentrations were reported within commercial/industrial land nearby the Site.

4.3.4 Summary of Data Used in the HHRA

A summary of the data used in the HHRA is provided in **Table 8**. Contaminant concentration and dust deposition data are presented in **Appendix B**.

[1] Given that particulate matter less than 2.5 micrometres are not readily affected by gravitational settling, to generate a non-zero outcome, deposition modelling was completed based on an assumption that all particulate matter is released within the 10 micrometre (PM_{10}) size fraction. This is considered conservative for deposition purposes, and in reality the particulate is anticipated to lie within the $PM_{2.5}$ size fraction. Deposition estimates were derived through conventional atmospheric dispersion modelling, using the assumption of particulate in the 10 micrometres in aerodynamic diameter

Table 8 Summary of Air Quality Data used in the HHRA

Scenario	Health Impact	Air Data	Dust Data
Scenario 1	Chronic (Sections 4 to 7) Chronic (Sensitivity, Section 8.0)	24-hour receptor maximum and 24-hour grid maximum GLC 1-hour receptor maximum and 1-hour grid maximum GLC	Annual average dust deposition rates
Scenario 2	Chronic (Sections 4 to 7)[1] Acute (Section 4.12)	24-hour receptor maximum and 24-hour grid maximum GLC 1-hour receptor maximum and 1-hour grid maximum GLC	Annual average dust deposition rates -
Scenario 3	Chronic (Sensitivity, Section 8.0)	24-hour receptor maximum and 24-hour grid maximum GLC	Annual average dust deposition rates
Scenario 4	Acute (Section 4.12)	1-hour receptor maximum and 1-hour grid maximum GLC	-

Notes:
GLC – ground level concentrations
1. Scenario 2 is representative of theoretical worst-case impacts using the proposed emission limits and is unlikely to ever occur, and if so unlikely to be for long periods of time. Therefore an assessment of chronic health risk is considered to be overly conservative and unlikely to be realised.

4.4 Chemicals of Potential Concern

Chemicals of potential concern (CoPC) are those chemicals which are suspected to be emitted from the sources at concentrations that may present a risk to human health. The prime objective of identifying CoPC is to focus the HHRA on assessing chemicals that have the potential to significantly contribute to risks to human health.

There are a range of CoPC that may be emitted from this type of facility (all emitted through Stack 5 for the Weston operations). The CoPC have been identified through an approach that examined a range of data sources including the following:

- Publically available emission factor sources (Air Pollutant 42 (AP42) Chapter 2, Section 3);
- Publically available stack emissions data from similar facilities (Sterihealth stack emissions data from the company website);
- Relevant publically available NSW Environmental Protection Licence(s) for similar facilities (Sterihealth EPL 6156[2]); and
- Advice from manufacturers experienced in the construction and operation of Thermal Treatment facilities for Medical Waste (Advanced Combustion Engineering). It should be noted that direct data from other medical waste facilities could not be utilised or referenced in this report due to data on emissions being commercial in confidence for the other facilities. Designers of the system are highly experienced and have designed and installed most of the medical waste facilities in Australia.

Based on the analysis outlined above, the list of CoPC that may be emitted from this facility is as follows:

- Total suspended particulates (TSP) (assessed as PM_{10} and $PM_{2.5}$);

[2] It should be noted that the Daniels Health plant would likely have higher emissions (SteriHealth 2015) than the proposed development attributed to both the size of the plant and control measures employed, which is limited to a wet scrubber installed in 1994 (DoE 2015).

- Particulate matter (PM), assumed to be emitted as PM_{10} and $PM_{2.5}$;
- Carbon monoxide (CO);
- Sulfur dioxide (SO_2);
- Sulfuric acid mist and sulfur trioxide (SO_3) (expressed as H_2SO_4);
- Oxides of nitrogen (NO_x) (expressed as nitrogen dioxide (NO_2));
- Chlorine and chlorine compounds (expressed as hydrogen chloride (HCl));
- Fluorine and fluorine compounds (expressed as hydrogen fluoride (HF));
- Total volatile organic compounds (VOCs) (conservatively assumed to only comprise benzene);
- Metals (antimony (Sb), arsenic (As), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), manganese (Mn), mercury (Hg), nickel (Ni), selenium (Se), tin (Sn) and vanadium (V); and
- Semi-volatile organic compounds (dioxins and furans).

4.5 Potential Contaminant Transport Pathways

Potential transport mechanisms by which unmitigated CoPC may migrate off-site are summarised in **Table 9**.

Table 9 Potential Contaminant Transport Pathways

Transport Mechanism	Comments	Likelihood or Significance
Release of vapours and particulates to ambient air from the Site	Vapours and particulates may be emitted to the atmosphere via eight stacks (identified in **Section 4.2**).	Potentially Medium-High as dispersion modelling has indicated that vapour and particulates released from the on-site sources (i.e. stacks) are being reported at off-site receptor locations. This is the case for each future operating scenario (i.e. Scenario 1 to Scenario 4). It has been conservatively assumed that all CoPC are released as a vapour, volatile or not, to assess the cumulative risk associated with emissions.
Deposition of particulates (dust) onto off-site soils	Dust emitted from the Site may settle from the atmosphere onto exposed off-site soils.	Potentially Medium-High as dispersion modelling has indicated that dust (or non-volatile particulates) is emitted from on-site sources (i.e. stacks). Particulates have been detected in the atmosphere at or around the Site (refer to **Section 2.13**) likely attributed to the Site and background conditions. Low-density residential, recreational and commercial land has been identified nearby the Site where exposed soil may be present (refer to **Section 4.6**).

Transport Mechanism	Comments	Likelihood or Significance
Uptake of chemicals by home-grown produce (i.e. fruit and vegetables) from off-site soils and deposited dust	Following deposition of dust onto off-site plants and soils, home-grown produce may uptake chemicals active adsorption (see further discussion below regarding vapour-to-leaf transfer).	Low-density residential land where home-grown produce could be present has been identified nearby the Site (refer to **Section 4.6**).
Uptake of chemicals by poultry (chickens) from off-site soils and transfer to eggs	Following deposition of dust onto off-site soils, chickens may uptake chemicals present in soil via ingestion.	Refer to deposition of particulates discussion above. Low-density residential land where chickens could be present has been identified nearby the Site (refer to **Section 4.6**).
Uptake of chemicals by grazing flora (i.e. grass) from off-site soils and ingestion by grazing fauna (i.e. sheep and cattle).	Following deposition of dust onto off-site soils, sheep and cattle may uptake chemicals present in grazing flora.	Refer to deposition of particulates discussion above. Low-density residential land where sheep and cattle could be present has been identified nearby the Site (refer to **Section 4.6**).

Other transport mechanisms e.g. leaching from soil to groundwater or surface water, transport of leached contamination within groundwater, volatisation and vapour migration from surface and subsurface media, are not considered in this HHRA in the absence of measured soil, groundwater and surface water data. However, these transport mechanisms are unlikely to be significant as the primary on-site sources of contamination are considered to be the stacks i.e. emission of dust and particulates to ambient air.

The contaminant mass that may leach from soil is likely to be minimal given the nature of the contaminants. The organic contaminants (i.e. dioxins/furans) have high soil organic carbon-water partitioning coefficients (Koc) (i.e. 249000 L/kg), indicating they are less mobile and likely to bind to the soil. The inorganic contaminants (i.e. metals) have elevated distribution coefficients (kd), ranging from 2.1 L/kg to 1000 L/kg, indicating they are unlikely to partition to water.

As a result of the above, subsurface media is unlikely to be impacted by the operations at the WA facility via leaching from soil..

Vapour-to-leaf transfer was not considered to be a significant accumulation pathway as bioaccumulative CoPC considered in the multiple pathway assessment are typically not volatile (based on the henry's law constant and vapour pressure[3]) and therefore unlikely to be present in 'air'. This is further supported by the dispersion modelling data whereby concentrations of volatile contaminants are negligible in air (e.g. dioxins and furans).

4.6 Potential Off-site Human Receptors

Based on a desktop review of surrounding land use zoning undertaken by AECOM (Cessnock LEP, 2011), potential off-site human receptors were identified to be:

- Off-site low-density residents;
- Off-site commercial workers; and
- Off-site recreational users of open space.

[3] Based on Schedule B2 ASC NEPM (2013) where a CoPC is considered to be sufficiently volatile if its Henry's law constant is greater than 1 x 105 atm m3/mol and the vapour pressure is greater than 1 mm Hg at room temperature

Off-site low-density residents including schools (i.e. Kurri Kurri High School) are located approximately 600 m to the southeast and 750 m to the west of the Site boundary and therefore may be exposed to vapours and particulates emitted from the proposed development. All residential receptors were assumed to be at ground level. AECOM has conservatively assumed that low-density residents have gardens/accessible soil and home-grown produce which accounts for 100% of their fruit and vegetable intake.

Additionally, AECOM conservatively assumed that residents may keep poultry and ingest 100% of their eggs from kept poultry. It is not considered that residents will consume poultry, rather for egg production in a domestic backyard as it is noted that pullets which lay eggs are not for consumption purposes. Furthermore, no chicken farms were identified within the Kurri Kurri area. Therefore no assessment of chicken consumption has been undertaken.

No paddocks hosting sheep or cattle were identified within 2 km of the Site. Therefore, no assessment of beef or lamb consumption has been undertaken.

Off-site commercial workers are located around the Site and therefore may be exposed to vapours and particulates emitted from the Site. All commercial receptors were assumed to be at ground level.

Off-site recreational users are located approximately 600 m (Nellie Simm Park) and 900 m (Weston Workers Club) from the Site boundary and therefore may be exposed to vapours and particulates emitted from the Site. All recreational receptors were assumed to be at ground level. AECOM notes that Swamp Creek runs adjacent to the northern boundary of the Site, however it is unlikely to be used for recreational purposes given its location, dense vegetation growth and understood ephemeral low flow rate.

The human receptor locations are illustrated on **Figure F5**, **Appendix A**.

To address any sensitive land use changes in the future, the HHRA includes an assessment using the grid maximum ground level concentration i.e. the highest 24-hour annual average and 1-hour maximum ground level concentrations reported from the dispersion modelling. Adopting grid maximum concentrations ensures that the most sensitive receptor is being assessed with a ‘worst-case’ exposure point concentration. For this assessment, the computation grid (modelling domain) was 23km by 23km, the sampling grid was 13km by 13km and the nested grid was 1.5km x 1.5km.

4.7 Exposure Pathways

In order for a human receptor to be exposed to a chemical contaminant derived from a site, a complete exposure pathway must exist. An exposure pathway describes the course a chemical or physical agent takes from the source to the exposed individual and generally includes the following elements (US EPA, 1989):

- A source and mechanism of chemical release;
- A retention or transport medium (or media where chemicals are transferred between media);
- A point of potential human contact with the contaminated media; and
- An exposure route (e.g. inhalation or direct contact) at the point of exposure.

Where one or more of the above elements is missing, the exposure pathway is considered to be incomplete and no further assessment is required.

Pathways that have been considered to be complete for the Project and therefore were assessed in the HHRA include:

- Inhalation Pathway Assessment:
    - Inhalation of vapours and particulates in indoor and outdoor air (acute and chronic assessments).
- Multiple Pathway Assessment:
    - Inhalation of surficial soil-derived dust in indoor and outdoor air (chronic assessment);

- Direct contact (i.e. incidental ingestion and dermal contact) with deposited dust (chronic assessment);
- Ingestion of home-grown fruit and vegetables following dust deposition on soil and plants (chronic assessment);
- Ingestion of eggs from home-grown chickens residing on the deposited dust (chronic assessment); and
- Ingestion of breast milk by infants based on mother's intake and maternal transfer (chronic assessment).

4.8 Inhalation Pathway Assessment

A number of gaseous phase compounds were identified as CoPC in **Section 4.4** i.e. CO, SO_2, H_2SO_4, NO_2, HCl and HF. Given the nature of these compounds and their potential presence in ambient air at receptor locations (based on dispersion modelling), they have been assessed via the inhalation pathway.

Suspended particulate matter ($PM_{2.5}$ and PM_{10}) was also demonstrated to be present in ambient air at receptor locations and therefore have been assessed via the inhalation pathway.

There are a number of CoPC listed in **Section 4.4** that are not considered to be volatile based on the chemical's henry's law constant (greater than 1 x 10^{-5} atm-m^3/mol) and vapour pressure (greater than 1 mm Hg at room temperature), namely heavy metals. However, for the purposes of the inhalation pathway assessment, AECOM has conservatively assumed that heavy metals are considered to be sufficiently volatile. Those CoPC that were considered to be sufficiently volatile e.g. benzene, were also assessed via the inhalation pathway.

4.9 Multiple Pathway Assessment

There are a number of complete exposure pathways identified in **Section 4.7** above. Of these exposure pathways, inhalation of vapours and particulates in indoor and outdoor air are applicable to all identified receptors, however exposures from deposition are considered to be limited to exposures with direct access to soil.

Exposures which are a result of deposition are represented by those listed under the multiple pathway assessment heading in Section **4.7** above.

A number of the CoPC identified are considered to have the potential to bioaccumulate in the environment. Available guidelines are not derived to be protective of the potential for bioaccumulation, therefore any concentration of a chemical which has been identified to have bioaccumulative potential needs to be further evaluated for the potential for adverse health risk. Therefore within this assessment, a number of chemicals as identified in **Table 10** have been carried through to quantitative assessment of multiple pathway exposure regardless of the outcome of the Tier 1 screening assessment (as presented in **Section 4.11**). It should be noted that no guidelines for individual dust deposition concentrations are available.

The assessment and determination of chemicals which are bioacummulative reviewed available toxicity information from the following sources:

- Agency for Toxic Substances & Disease Registry (ATSDR) Toxicological Profiles, available at http://www.atsdr.cdc.gov/toxprofiles/index.asp;
- ANZECC, 2000. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*. Australian and New Zealand Environment and Conservation Council (ANZECC) and Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ), October 2000;
- DEH, 2005. National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra. July 2005; and

- NHMRC, 2016. National Water Quality Management Strategy, Australian Drinking Water Guidelines 6 2011, Version 3.2. National Health and Medical Research Council. Updated February 2016; and
- WHO, 2011. Guidelines for Drinking-water Quality. Fourth Edition. World Health Organisation. July 2011.

Table 10 details the specific CoPC which were considered to be bioaccummlative have therefore been assessed for multiple pathway residential, recreational and commercial exposures. It is noted that of the CoPC listed in **Section 4.4**, only metals or semi-volatile contaminants could be considered to be bioaccumulative as all others would not typically settle in the environment.

Table 10 Bioaccumulative Chemicals

CoPC	Bioaccumulative (Yes/No)	Source
antimony	No	ATSDR, 1992 and ANZECC, 2000
arsenic	Yes	ATSDR, 2007 and ANZECC, 2000
beryllium	No	ATSDR, 2002
cadmium	Yes	ATSDR, 2012 and ANZECC, 2000
chromium	Yes	ANZECC, 2000
cobalt	No	ATSDR, 2004
copper	No	ATSDR, 2004 and ANZECC, 2000
lead	Yes	ATSDR, 2007, NHMRC, 2016 and ANZECC, 2000
manganese	No	ATSDR, 2012
mercury	Yes	NHMRC, 2016 and ANZECC, 2000
nickel	Yes	ATSDR, 2005 and ANZECC, 2000
selenium	Yes	ATSDR, 2003 and ANZECC, 2000
tin	No	NHMRC, 2016
vanadium	Yes	ATSDR, 2012
dioxins and furans	Yes	DEH, 2005
VOCs (expressed as benzene)	No	ATSDR, 2007

The multiple pathway assessment has been conducted using the maximum 24-hour annual average deposition rates which have been used to estimate a chemical concentration within soil. Given the locality and environmental setting of the Site, only dry deposition rates have been used.

The multiple pathway assessment includes both the inhalation of Site-derived vapours and particulates as well as direct contact with soil following deposition of Site-derived particulates.

AECOM notes that the adoption of deposition rates for estimates within residential areas is conservative, as the deposition rates do not take into account the presence of buildings, enclosures, green houses, fencing etc., which will affect the rate of dispersion of a particulate.

Soil concentrations have been estimated from the modelled deposition rates using the approach detailed within the following documents:

- Hattemer-Frey, H.A and Travis, C. 1991. *Health Effects of Municipal Waste Incineration*, CRC Press, Florida.
- Health Effects of Municipal Waste Incineration, Chapter 5 *2,3,7,8 Tetrachlorodibenzo-p-Dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health, Jeffery B. Stevens*, CRC Press 1991; and
- US EPA (2005) Human Health Risk Assessment Protocol (HHRAP) for Hazardous Waste Combustion Facilities, Final September 2005.

Further detail on the equations adopted is provided in **Appendix G**.

Once present on the surface or within the soil, the bio-accumulating chemicals have been considered for the following pathways:

- Inhalation and direct contact (i.e. incidental ingestion and dermal contact) by residents of surficial soils;
- Inhalation and direct contact (i.e. incidental ingestion and dermal contact) by recreational users of surficial soils;
- Inhalation and direct contact (i.e. incidental ingestion and dermal contact) by commercial workers of surficial soils and/or dust deposited on capped surface;
- Uptake by edible plants (i.e. fruit and vegetables) within roots and stems and from dust-to-leaf transfer by residents; and
- Uptake by chickens and ingestion of eggs by residents.

The assessment of the potential exposure pathways detailed above has been undertaken in accordance with the guidance detailed above and:

- US EPA, 1989. Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual. Interim Final, Office of Emergency and Remedial Response, United States Environment Protection Agency (US EPA), Washington DC, OSWER Directive 9285.7-0/a.

The assessment of multiple pathway exposure was undertaken for 25 year duration based on information provided by Weston Aluminium regarding the predicted operational period.

4.10 Conceptual Site Model

A Conceptual Site Model (CSM) is a site-specific qualitative description of the source(s) of contamination, the pathway(s) by which contaminants may migrate through the environmental media, and the populations (human or ecological) that may potentially be exposed. This relationship is commonly known as a Source-Pathway-Receptor (SPR) linkage. Where one or more elements of the SPR linkage are missing, the exposure pathway is considered to be incomplete and no further assessment is required.

The CSM for the Site has been prepared in accordance with Schedule B2, ASC NEPM (2013), and is presented as **Table 11** (**Appendix A**).

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Table 11 Potential Exposure Pathways

Exposure Pathway	Off-site Residents	Off-site Recreational User	Off-site Commercial Workers
Air			
Inhalation of vapour and particulates in indoor and outdoor air	✓	✓	✓
Soil			
Incidental ingestion of surficial soils following dust deposition	✓	✓	✓
Dermal contact with surficial soils following dust deposition	✓	✓	✓
Inhalation of surface soil-derived dust in indoor air	✓	×[1]	✓
Inhalation of surface soil-derived dust in outdoor air	✓	✓	✓
Ingestion of home-grown fruit and vegetables grown in soil impacted by deposited dust	✓	×[2]	×[2]
Ingestion of home-grown eggs where chickens are exposed to soil impacted by deposited dust	✓	×[2]	×[2]
Ingestion of home-grown lamb/beef where sheep/cattle are exposed to soil impacted by deposited dust	×[3]	×[3]	×[3]
Ingestion of milk from home-grown dairy cows that are exposed to soil impacted by deposited dust	×[3]	×[3]	×[3]
Ingestion of breast milk by infant	✓	×[4]	×[4]
Groundwater			
Ingestion of groundwater used as a potable water supply	×[5]	×[5]	×[5]
Incidental ingestion of groundwater	×[5]	×[5]	×[5]
Dermal contact with groundwater	×[5]	×[5]	×[5]
Inhalation of groundwater-derived vapours in indoor air	×[5]	×[5]	×[5]
Inhalation of groundwater-derived vapours in outdoor air	×[5]	×[5]	×[5]

Exposure Pathway	Off-site Residents	Off-site Recreational User	Off-site Commercial Workers
Surface Water			
Incidental ingestion of surface water	×[6]	×[6]	×[6]
Dermal contact with surface water	×[6]	×[6]	×[6]
Inhalation of surface water-derived vapours in outdoor air	×[6]	×[6]	×[6]

Notes: × – incomplete pathway
✓ – complete pathway

1. In accordance with ASC NEPM (2013), off-site recreational users are assumed to spend the majority of their time outdoors.
2. AECOM notes that off-site recreational and commercial properties were not suitable or used for fruit and vegetable gardens or to keep chickens.
3. As discussed in **Section 4.6**, no paddocks hosting sheep or cattle were identified within 2 km of the Site. Therefore, no assessment of beef, lamb or milk consumption has been undertaken.
4. The assessment of ingestion of breast milk by a resident mother is considered to be protective of a commercial worker mother or recreational user mother as the resident is exposed by more pathways and for longer periods of time.
5. As discussed in **Section 4.5**, subsurface media including groundwater is unlikely to be significantly impacted by the operations at the Project via leaching from soil given the nature of the contaminants.
6. As discussed in **Section 4.6**, Swamp Creek runs adjacent to the northern boundary of the Site, however it is unlikely to be used for recreational purposes given its location, dense vegetation growth and understood ephemeral low flow rate (excluding during periods of heavy rainfall). No other surface water bodies were identified nearby the Site.

4.11 Tier 1 Screening Assessment

Potential contamination sources were identified in **Section 4.2** i.e. eight on-site stacks. The Tier 1 assessment aims to confirm whether emissions from these stacks have the potential to be associated with unacceptable risks by comparison of reported CoPC concentrations in media of concern (i.e. ambient air) at the human receptor against conservative generic screening criteria, termed 'Tier 1' screening criteria which have been derived based on protection of human health. When the CoPC concentration is reported to be present in ambient air at the human receptor above Tier 1 screening criteria, further assessment of the CoPC is undertaken in the Tier 2 assessment.

Additionally, consideration has been given to the bioaccumulative nature of the CoPC, as discussed in **Section 4.9**. Regardless of the outcome of the Tier 1 screen, these contaminants have been taken to higher Tiers of assessment (i.e. Tier 2 assessment) as Tier 1 guidelines are not protective of bio-accumulation potential.

CoPC in ambient air were selected based on comparison to appropriate screening criteria in accordance with the land uses surrounding the Site (i.e. residential, recreational and commercial/industrial).

4.11.1 Selected Tier 1 Screening Criteria

For the chronic health assessment, CoPC were assessed by screening the annual average ground level concentrations at each receptor and the grid maximum concentration against the following enHealth (2012a) hierarchy of ambient air criteria:

- NEPC, 2011. National Environment Protection (Air Toxics) Measure 2004, as amended 2011. National Environment Protection Council. 16 September 2011;
- NEPC, 2003. National Environment Protection (Ambient Air Quality) Measure, as amended 2003. National Environment Protection Council. 16 September 2011. 7 July 2003;
- WHO, 2010. WHO Guidelines for Indoor Air Quality, Selected Pollutants. World Health Organisation. Geneva 2010;
- WHO, 2005. Air Quality Guidelines – Global Update, Particulate Matter, Ozone, Nitrogen Dioxide and Sulfur Dioxide. Europe. World Health Organisation. 2005;
- WHO, 2000a. Guidelines for Air Quality. Geneva. World Health Organisation. 2000;
- California EPA, 2002. Ambient Air Quality Standards. California Environmental Protection Authority; and
- US EPA, 2016. Regional Screening Levels for Chemical Contaminants at Superfund Sites – Residential Air and Industrial Air. United States Environmental Protection Authority. May 2016.

The Australian based guidelines published by the NEPC are considered current and appropriate as a first tier screen as they are applicable to ambient air and protective of human health over a lifetime (chronic) exposure. As stated in NEPC (2011) *'The monitoring investigation level values are levels of air pollution below which lifetime exposure, or exposure for a given averaging time, does not constitute a significant health risk. If these limits are exceeded in the short-term it does not mean that adverse health effects automatically occur'*. Additionally, the desired environmental outcome of the standards published in NEPC (2003) is '*ambient air quality that allows for the adequate protection of human health and well-being'.*

International guidelines published by WHO were adopted as a second tier screen. The WHO (2010) guidelines were developed to provide a uniform basis for the protection of human health from adverse effects of indoor exposure to air pollution based on toxicological and epidemiological data. Although these guidelines are conservatively for indoor air quality (with outdoor and indoor air sources), they are considered to be protective of outdoor exposure based on exposure duration (i.e. people spend longer indoors) and likely concentrations (typically higher indoors). WHO (2005) and WHO (2000) present risk based guideline values that provide a basis for protecting public health from adverse effects of air pollutants and to eliminate or reduce exposure to those pollutants that are known or likely to be hazardous to human health or wellbeing. These guidelines apply to all WHO regions, including Australia.

Other national guidelines (i.e. US EPA, 2016 and California EPA, 2002) were considered as third tier screening criteria. The US EPA RSLs for residential and industrial air are health based screening levels derived using US risk equations and input parameters e.g. for carcinogens, using a unit risk value of 1×10^{-6}. AECOM notes that a number of US EPA RSLs are more conservative than those published by NEPC and WHO. However, adopting these more conservative guidelines would not have a significant impact on the outcomes of the HHRA given the following:

- If carcinogenic compounds were converted to the Australian acceptable unit risk level of 1×10^{-5}, then the US EPA RSLs would be in the same order of magnitude as NEPC and WHO criteria e.g. benzene; and
- All bioaccumulative compounds were assessed via a Tier 2 assessment regardless of exceedances of the screening criteria e.g. lead.

The Californian Ambient Air Quality Standards (AAQS) are *'established to protect even the most sensitive individuals in our communities'.* The AAQS defines *'the maximum amount of a pollutant that can be present in outdoor air without harm to the public's health'.* California law authorises the California Air Resources Board (ARB) to set ambient (outdoor) air pollution standards (California Health & Safety Code section 39606) in consideration of public health, safety and welfare.

Refer to **Table T1** (Screening Criteria Selection Process – Chronic Exposure) and **Table T2** (Chronic Air Quality Results) (**Appendix C**) for the Tier 1 screening assessment.

4.11.2 Tier 1 Screening Results

As presented in **Table T1 (Appendix C**), the modelled 24-hour maximum concentrations of CO, SO_2, NO_2, H_2SO_4, HCL, HF, heavy metals (excluding chromium) and dioxins and furans under normal operating conditions (Scenario 1) and EPL operating conditions (Scenario 2) were below the selected Tier 1 screening criteria unless discussed below. Therefore, unless the contaminant is considered to be bioaccumulative (refer to **Section 4.9**), further assessment of these CoPC was not required.

For Scenario 1, AECOM notes that exceedances of the adopted screening criteria were reported for particular matter and chromium using the 24-hour maximum and/or grid maximum concentrations. The risks associated with exposure to the 24-hour maximum concentrations of particulate matter ($PM_{2.5}$ and PM_{10}) has been qualitatively discussed in **Section 4.11.3**. The risk associated with exposure to the 24-hour maximum concentrations of chromium has been further assessed as part of the Tier 2 assessment.

For Scenario 2, AECOM notes that exceedances of the adopted screening criteria were reported for particulate matter ($PM_{2.5}$ and PM_{10}), benzene and metals (arsenic, beryllium, chromium, cobalt and nickel) using the 24-hour maximum and/or grid maximum concentrations. The risks associated with exposure to the 24-hour maximum concentrations of particulate matter ($PM_{2.5}$ and PM_{10}) has been qualitatively discussed in **Section 4.11.3**. Those contaminants with published toxicity values (i.e. benzene and metals) have been quantitatively assessed as part of the Tier 2 assessment.

4.11.3 Particulate Assessment

The exposure-response relationships for a number of health effects associated with exposures to PM_{10} and $PM_{2.5}$ is linear (i.e. there is no level or threshold below which no adverse effects have been identified). As there is no threshold for potential adverse health effects and given the exceedance of the NEPC (2003) criteria, further assessment of particulate matter has been undertaken.

As the 24-hour and grid maximum concentration of particulate matter presented in Scenario 1 and Scenario 2 were cumulative i.e. the contribution from the Site plus the contribution of background (as discussed in **Section 4.1.1**), AECOM has further assessed the proportion emitted from the Site compared to that of background. The site-derived concentrations, background concentrations and total particulate matter concentrations are presented in **Table 12** for Scenario 1 and **Table 13** for Scenario 2.

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Table 12 Site and Background Particular Matter Contributions for Scenario 1

CoPC	Selected Tier 1 Screening Criteria - Residents and Recreational Users ($\mu g/m^3$)	Selected Tier 1 Screening Criteria - Commercial Worker ($\mu g/m^3$)	24-hr Particulate Matter Concentrations ($\mu g/m^3$) (a)		
			Site-Derived Concentration (24-hr Max / Grid Max)	Background Concentration	Total Concentration (24-hr Max / Grid Max)
Off-site Resident					
PM_{10}	50	50	0.5 / 0.8	64.9	65.4 / 65.7
$PM_{2.5}$	25	25	0.002 / 0.002	25.9	25.9 / 25.9
Off-site Recreational Users					
PM_{10}	50	50	0.3 / 0.8	64.9	65.2 / 65.7
$PM_{2.5}$	25	25	0.0009 / 0.002	25.9	25.9 / 25.9
Off-site Commercial Worker					
PM_{10}	50	50	0.4 / 0.8	64.9	65.3 / 65.7
$PM_{2.5}$	25	25	0.001 / 0.002	25.9	25.9 / 25.9

Table 13 Site and Background Particular Matter Contributions for Scenario 2

CoPC	Selected Tier 1 Screening Criteria - Residents and Recreational Users ($\mu g/m^3$)	Selected Tier 1 Screening Criteria - Commercial Worker ($\mu g/m^3$)	24-hr Particulate Matter Concentrations ($\mu g/m^3$) (a)		
			Site-Derived Concentration (24-hr Max / Grid Max)	Background Concentration	Total Concentration (24-hr Max / Grid Max)
Off-site Resident					
PM_{10}	50	50	1.0 / 1.2	64.9	65.9 / 66.1
$PM_{2.5}$	25	25	0.1 / 0.1	25.9	26.0 / 26.0
Off-site Recreational Users					
PM_{10}	50	50	0.4 / 1.2	64.9	65.3 / 66.1
$PM_{2.5}$	25	25	0.05 / 0.1	25.9	25.9 / 26.0
Off-site Commercial Worker					
PM_{10}	50	50	0.8 / 1.2	64.9	65.7 / 66.1
$PM_{2.5}$	25	25	0.07 / 0.1	25.9	25.9 / 26.0

As presented in **Table 12** and **Table 13**, the site-derived 24-hour and grid maximum concentrations of particulate matter reported for Scenario 1 and Scenario 2 were below the criteria at each off-site receptor while the 24-hour background concentrations were above the criteria at each off-site receptor. Additionally, a significant portion (greater than 95%) of the total particulate matter concentrations is attributed to background. Therefore, particulate matter emissions from the Site were considered to be low and acceptable.

4.11.4 Summary of CoPC Assessed via Multiple Pathway Exposures

The bioaccumulative CoPC may be subject to dust deposition onto soil and accumulation in home-grown produce and potentially breast milk following mother's maternal uptake. To ensure cumulative risks are considered as part of the HHRA, multiple exposure pathways have been included as part of the Tier 2 assessment.

Table 14 below presents a summary of the CoPC considered further as part of this HHRA with respect to chronic exposures.

Table 14 Summary of CoPC for Multiple Exposure Pathways

CoPC	Multiple Exposure Pathway
antimony	× (a)
arsenic	✓
beryllium	× (b)
cadmium	✓
chromium	✓
cobalt	× (b)
copper	× (a)
lead	✓
manganese	× (a)
mercury	✓
nickel	✓
selenium	✓
tin	×
vanadium	✓
dioxins and furans	✓
VOCs (expressed as benzene)	× (b)

(a) Contaminant concentration reported below Tier 1 screening criterion and is not bioaccumulative.

(b) Assessed via the inhalation pathway only.

4.12 Review of Acute Exposure

Short duration or acute exposures to higher concentrations of chemicals from the modelled stack emissions may occur during atypical operating conditions as well as during upset conditions. Two of the scenarios identified in Section 4.1.1 may result in acute exposure to contaminants emitted from the Site i.e. Scenario 2 and Scenario 4.

Scenario 2 unrealistically assumes that the proposed thermal processing plant operates continuously using proposed stack concentration EPL limits as detailed in the AQIA (AECOM, 2017c). This scenario is considered to be representative of infrequent maximum operating conditions and therefore has been considered as part of the acute exposure assessment.

Scenario 4 addresses the use of Stack 8 (the emergency bypass stack) during upset plant conditions and utilises maximum discharge emission concentrations based on design limits provide by Advanced

Combustion Engineering Pty Ltd (ACE), as presented in Appendix B of the AQIA (AECOM, 2017c). ACE reviewed the specifications of Baghouse 5 and designed the proposed emissions controls in order to allow WA to achieve compliance with regulatory limits for the types and quantities of wastes proposed to be processed. This design review was based on experience designing similar facilities throughout Australia. Scenario 4 is considered to be representative of upset operating conditions and therefore has been considered as part of the acute exposure assessment.

The assessment of potential acute exposures has been based on the 1-hour maximum annual average ground level concentrations at each receptor for Scenario 2 and Scenario 4.

4.12.1 Approach to Acute Assessment

A variety of different criteria are available for the assessment of potential human health effects associated with acute emissions to air. There is no single organisation or methodology that has developed acute criteria values for benchmarks for all CoPC. Hence, a hierarchical approach has been adopted for selected existing guidelines for acute inhalation exposure criteria.

Acute inhalation exposure criteria have been developed by a number of organisations and agencies, including:

- American Conference of Governmental Industrial Hygienists (ACGIH);
- Occupational Safety and Health Administration (OSHA);
- National Institute of Occupational Safety and Health (NIOSH);
- American Industrial Hygiene Association (AIHA);
- National Research Council on Toxicology (NRCT) US EPA;
- Agency for Toxic Substances and Disease Registry (ATSDR);
- California Environmental Protection Agency (Cal EPA);
- National Advisory Committee (NAC) and the US Department of Energy (DOE);
- Subcommittee on Consequences Assessment and Protection Actions (SCAPA), and
- National Occupational Health and Safety Commission (NOHSC).

The acute inhalation exposure criteria were established by the abovementioned organisations and agencies to:

- Be protection of a range of exposure groups including occupational works, military personnel and the general public;
- Based on a range of exposure duration, typically relevant to the exposure group, but ranging from 15 minutes to 8-hours (typical of an occupational setting) to 24-hours; and
- Protection of a range of toxicological endpoints such as mild discomfort, irritation, serious debilitating and potentially life-threatening effects and mortality.

The hierarchical approach adopted for this acute assessment is based on that recommended by the US EPA Office of Solid Waste and detailed in Appendix A of the document '*Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities'* (US EPA, 2005). The screening approach is focused on the protection of the general public and is summarised below in order of preference:

1. NEPC, 2003. *National Environment Protection (Ambient Air Quality) Measure*, as amended 2003. National Environment Protection Council. 16 September 2011. 7 July 2003.
2. Acute Reference Exposure Levels (ARELs) developed by the Cal EPA.
3. Temporary Emergency Exposure Limits (TEELs) developed by SCAPA.
4. Protective Action Criteria (PAC), developed in May 2016 by DOE to combine the following:
    a. Acute Exposure Guideline Levels (AEGLs) developed by the NAC/AEGL Committee and available from the US EPA. In general, three levels of AEGLs: AEGL 1, AEGL 2 and AEGL

3, have been developed for five exposure periods i.e. 10 minutes, 30 minutes, 1-hour, 4-hours and 8-hours. For the purposing of this acute assessment, the 1-hour criteria were adopted where available.

b. Emergency Response Planning Guidelines (ERPGs) developed by the AIHA and SCAPA.

c. TEELs developed by SCAPA as temporary limits for chemicals until AEGLs or ERPGs are developed.

Appendix D presents further information on each of the adopted guidelines and the relevant basis for the levels proposed by each organisation or agency. Acute criteria were established for the protection of a range of health effects. These range from Level 0 to Level 1 that are protection of all individuals including sensitive receptor groups, from mild transient effects; Level 2 that is protection of individuals who may be exposed without developing irreversible or serious health effects (injury); Level 3 that is generally the maximum concentration below which individuals will not experience life-threatening effects.

Level 0 refers to a “no effect level”, and have therefore been adopted to conservatively assess very low level effects. DOE presents PAC-1, PAC-2 and PAC-3 values, consistent with the three levels provided for AEGLs, ERPGs and TEELs, however there are no Level 0 PAC values, and therefore screening against TEEL 0 has been completed independently.

4.12.2 Further Acute Assessment

Tier 1 screening of predicted 1-hour maximum annual average ground level concentrations at each receptor during upset conditions is provided in **Table T3** and **Table T4**, (Appendix C). Ground level concentrations during upset conditions are presented in **Appendix C**.

As shown in **Table T3** and **Table T4** (**Appendix C**), no exceedances of the adopted criteria were reported for Scenario 2 and Scenario 4, therefore no CoPC required further assessment with regard to acute inhalation exposures. Overall, the potential for acute risks associated with the Project were considered to be low and acceptable.

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5.0 Hazard Identification

5.1 Hazard Identification Process

The hazard identification process requires a review of existing toxicological information from a variety of appropriate sources to describe the capacity of a specific agent to produce adverse health effects.

Toxicological profiles and associated hazards for the specific CoPC quantitatively assessed in this HHRA are provided in **Appendix E**. The toxicity values adopted in this HHRA are presented in **Table 15**.

Table 15 Adopted Toxicity Values

CoPC	Inhalation Unit Risk (IUR) $(\mu g/m^3)^{-1}$	Background Adjusted Reference Concentration (RfC) $(\mu g/m^3)$	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day
arsenic	-	1	-	0.001
beryllium	2.40E-03	-	NA	-
cadmium	-	0.004	-	3.20E-04
chromium (a)	-	0.1	-	9.00E-04
cobalt	-	0.1	-	0.0014
lead	-	0.5	-	0.0035
mercury	-	0.18	-	3.60E-04
nickel	-	0.016	-	4.80E-03
selenium	-	8.4	-	2.40E-03
vanadium	-	1	-	1.00E-02
dioxins and furans (b)	-	8.05E-06	-	9.89E-10
benzene	6.00E-06	24	NA	0.0032

- = No published toxicity value
NA = Not applicable for this assessment
(a) = Toxicity values for hexavalent chromium (CrVI)
(b) = Toxicity values for 2,3,7,8-tetrachlorodibenzodioxin

5.2 Dose-Response Assessment

The objective of the dose-response assessment is to identify the toxicity values for each CoPC to be used for the quantification of human health risk. The numerical values derived from toxicity dose-response studies are referred to collectively as toxicity values. The toxicity values adopted are based on two different approaches to the characterisation of dose-response (NHMRC, 1999 and US EPA, 2005):

- For chemicals that have the potential to result in carcinogenic effects that are associated with a genotoxic mechanism, any level of exposure is assumed to result in some incremental lifetime risk. These chemicals are therefore assessed on the basis of a non-threshold dose-response relationship; and
- For other chemicals that may be associated with non-carcinogenic effect or carcinogenic effects that are not genotoxic, a threshold is considered relevant. The threshold level is considered a level whereby exposure below the threshold will not result in any adverse effects. Exceedance of the threshold level does not imply that adverse effects will occur, as there are a number of

uncertainties and safety factors incorporated into the threshold value adopted, rather that other factors (e.g. exposure duration) needs to be further evaluated.

The toxicity values adopted for the CoPC in this risk assessment, and the source of the adopted values are presented in **Appendix E**. The values have been obtained (where available) from the following information sources (listed in order of preference, as per enHealth (2012a) guidance):

- National Health and Medical Research council (NHMRC) publications and documents from other joint Commonwealth, State and Territory health organisations (NHMRC 2004, 2011, 2015);
- World Health Organisation (WHO) publications (WHO 2000a, 2000b);
- Criteria published by the Agency for Toxic Substances and Disease Registry (ATSDR) (see toxicity profiles for references);
- Criteria published by US EPA sources, primarily those published by the US EPA Integrated Risk Information system (IRIS) (US EPA, 2015) (see toxicity profiles for references); and
- Canadian Council of Ministers of the Environment (CCME) documents (CCME, 2010).

It is noted that, where relevant, toxicity data available from a number of sources have been reviewed with respect to currency and adequacy to identify the most appropriate value to be used in the HHRA. This approach is consistent with Section 5.12.4 (selecting data sources) of enHealth (2012a).

The following sections present additional information on the approach adopted in this assessment to the application of non-threshold and threshold dose-response (toxicity) values.

5.2.1 Non-Threshold Dose Response Values

The assessment of potential health effects associated with genotoxic carcinogens requires the use of non-threshold toxicity values. The values available are essentially the slope of the cancer dose-response curve for the chemical (based on relevant studies and approaches to extrapolate effects from high doses to low doses) and are termed either an inhalation unit risk (IUR) or oral slope factor (CSF). The IUR (expressed as $(\mu g/m^3)^{-1}$) and the CSF (expressed as $mg/kg/day^{-1}$) is used to estimate the probability of an individual developing ca or ncer at some point in a lifetime as a result of a specific exposure.

Non-threshold toxicity values adopted in this HHRA are presented in **Table 15** above.

Toxicity profiles with additional toxicological information for each compound are provided in **Appendix E**.

No compounds assessed in Scenario 1 were considered to be potential genotoxic carcinogens.

5.2.2 Threshold Dose Response Values

Potential health effects that are assessed on the basis of a threshold dose response utilise a threshold value which is typically termed an acceptable or tolerable daily intake (ADI or TDI). For the purpose of this assessment, the threshold value adopted has been termed a TDI. A TDI is a chemical intake below which it is considered that no adverse effects would occur in human populations, including sensitive sub-groups (e.g. the very young or elderly). Hence, the TDI relates to intakes from all sources, the Site related impacts as well as background intakes (where relevant).

Where relevant to inhalation exposures the threshold value is typically termed a tolerable concentration in air (TC) or reference concentration (RfC), which is an estimate of a continuous inhalation exposure concentration to people (including sensitive subgroups) that is likely to be without risk of deleterious effects during a lifetime.

Threshold toxicity values adopted in this HHRA are presented in **Table 15** above.

Toxicity profiles with additional toxicological information for each compound are provided in **Appendix E**.

5.2.3 Background Intakes

When evaluating potential health effects or deriving health-based investigation levels for chemicals assessed on the basis of a threshold dose-response criteria, total exposure to a given chemical (i.e. the sum of the background exposure and the substance exposure from contaminated media) should not exceed the TDI (enHealth, 2012a; ASC NEPM, 2013).

Background levels of contamination comprise chemical concentrations present in the environment as a result of everyday activities or natural sources. These chemicals may be present in food, air, water and consumer products and represent the non-Site sources of contamination exposure. This is commonly referred to as background exposure. enHealth (2012a) and ASC NEPM (2013) require that 'background exposure' be taken into account during the assessment of potential human health risk.

Background exposure is only applied to threshold contaminants (i.e. non-carcinogens) because intakes of non-threshold contaminants (i.e. carcinogens) are considered on the basis of an increase in risk, which is irrespective of background exposure. The allocation of background exposure is undertaken on a chemical-specific basis by applying a factor (%) to the threshold toxicity reference value (TRV or Reference Dose), as illustrated in the equation below:

$$TRV\ (adjusted\ for\ background\ exposure\ ) = \left(1 - Background\ (\%)\right) x\ TRV$$

In cases where background exposure is considered to be essentially negligible (contributing to less than 5% of the threshold TRV), no background exposure has been applied. Should background exposure be considered to comprise greater than 50% of the threshold TRV, the background exposure is generally considered to be 50% of the TRV. It should be also noted that enHealth (2012a) does not recommend a specific background exposure value for an inhalation pathway.

The baseline blood lead concentration has been assumed to be 10% of the target blood lead concentration (5 µg/dL) (NHMRC, 2015).

The background exposure allocated for each of the CoPC assessed in the HHRA is summarised in each toxicity profile (**Appendix E**) and the risk estimate models (**Appendix F**)

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6.0 Exposure Assessment

Exposure Assessment involves the estimation of magnitude, frequency, extent, and duration of exposure to Site-derived contamination (enHealth, 2012b).

"*Direct measurement of the exposures of the (potentially) affected population provides the best exposure data but this is not always available or practicable and default exposure factor data is often required*." (Langley, AJ (1993). In absence of direct measurement data, environmental sampling and predictive models are commonly used to estimate intakes of CoPC by the exposed populations. The key elements of exposure assessment in the context of contaminated land risk assessment are to:

- Identify input values for contaminant concentrations and pathways;
- Identify input values for exposed populations;
- Estimate exposure concentrations; and
- Estimate chemical intake.

The AQIA (AECOM, 2017c) provides details of the air dispersion modelling methodology and results (i.e. exposure concentrations). A summary of the AQIA is also provided in **Section 3.2**.

6.1 Representative Exposure Point Concentrations

A key element of the risk assessment process is estimation of the concentration of Site-derived CoPC in environmental media. This concentration is commonly termed the exposure point concentration (EPC) and should be selected as a conservative estimate of the average chemical concentration in an environmental medium at the point of exposure. EPCs are determined for each site-impacted 'exposure unit', which is defined as the area throughout which a receptor moves and encounters an environmental medium for the duration of exposure. Typically, an individual receptor is assumed to be equally exposed to media within all portions of the exposure unit over the time frame of the risk assessment.

For the Scenario 1 (i.e. standard operating conditions) and Scenario 2 (i.e. EPL operating conditions) assessments the adopted EPCs in air are presented in **Table 16**. It should be noted that the 24-hour maximum annual average ground level concentrations (100^{th} percentile) at each receptor and grid maximum concentrations (100^{th} percentile) were adopted in the HHRA as these were considered to represent current and future off-site human exposure conditions. Dust deposition rates (as $mg/m^2/year$) for selected CoPC (based on bioaccumulation potential), as presented in **Table 17**,are based on the anticipated at source concentrations. It is noted that dust deposition rates includes dry deposition of particulates, as discussed in **Section 4.3**.

The 24-hour maximum and grid maximum ground level concentrations and dust deposition rates are presented in **Appendix B**.

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Table 16 Exposure Point Concentrations used in the Scenario 1 and Scenario 2 Assessments (24-hour Maximum Concentrations)

CoPC (a)	Scenario 1 24-hour Maximum Concentration in Air (µg/m^3)				Scenario 2 24-hour Maximum Concentration in Air (µg/m^3)			
	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum
arsenic	2.51E-05	8.36E-06	1.94E-05	3.73E-05	3.89E-03	1.75E-03	2.69E-03	4.02E-03
beryllium	NA	NA	NA	NA	3.87E-03	1.75E-03	2.69E-03	4.00E-03
cadmium	2.99E-04	9.12E-05	2.34E-04	4.92E-04	4.13E-03	1.83E-03	2.88E-03	4.38E-03
chromium (b)	3.10E-04	9.76E-05	2.42E-04	4.92E-04	4.13E-03	1.83E-03	2.88E-03	4.38E-03
cobalt	NA	NA	NA	NA	3.87E-03	1.75E-03	2.88E-03	4.00E-03
lead	1.19E-03	3.62E-04	9.31E-04	1.97E-03	4.94E-03	2.10E-03	3.49E-03	5.54E-03
mercury	2.12E-03	9.55E-04	1.47E-03	2.20E-03	3.89E-03	1.75E-03	2.69E-03	4.02E-03
nickel	3.02E-04	9.26E-05	2.35E-04	4.92E-04	4.13E-03	1.83E-03	2.88E-03	4.38E-03
selenium	5.59E-05	1.68E-05	4.37E-05	9.34E-05	3.92E-03	1.76E-03	2.71E-03	4.07E-03
vanadium	3.82E-05	1.15E-05	2.99E-05	6.39E-05	3.90E-03	1.76E-03	2.70E-03	4.04E-03
dioxins and furans (c)	5.08E-10	2.29E-10	3.51E-10	5.24E-10	6.53E-10	2.94E-10	4.51E-10	6.74E-10
benzene	NA	NA	NA	NA	2.27E+00	1.01E+00	1.69E+00	2.33E+00

(a) As discussed in **Section 4.9**, those CoPC that were considered to be bioaccumulative are assessed via multiple exposure pathways.

(b) Chromium assumed to comprised 100% hexavalent chromium.

(c) Assessed as 2,3,7,8-tetrachlorodibenzodioxin.

NA Not assessed as part of Scenario 1 as concentrations were reported below the adopted Tier 1 screening criteria and were not considered to be bioaccumulative.

Table 17 Dust Deposition Rates for Scenario 1 and Scenario 2 Assessments

CoPC (a)	Scenario 1 Dust Deposition Rate ($mg/m^2/year$)				Scenario 2 Dust Deposition Rate ($mg/m^2/year$)			
	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum
arsenic	2.10E-05	2.64E-06	5.78E-06	3.05E-05	3.34E-03	4.29E-04	7.04E-04	3.45E-03
cadmium	2.47E-04	3.03E-05	6.89E-05	3.66E-04	3.56E-03	4.56E-04	7.66E-04	3.79E-03
chromium (b)	2.58E-04	3.19E-05	7.15E-05	3.79E-04	3.56E-03	4.56E-04	7.66E-04	3.79E-03
lead	9.85E-04	1.20E-04	2.75E-04	1.46E-03	4.27E-03	5.45E-04	9.70E-04	4.87E-03
mercury	1.83E-03	2.34E-04	3.85E-04	1.89E-03	3.34E-03	4.29E-04	7.04E-04	3.45E-03
nickel	2.50E-04	3.06E-05	6.95E-05	3.69E-04	3.56E-03	4.56E-04	7.66E-04	3.79E-03
selenium	4.61E-05	5.62E-06	1.29E-05	6.85E-05	3.37E-03	4.32E-04	7.11E-04	3.49E-03
vanadium	3.16E-05	3.84E-06	8.81E-06	4.68E-05	3.36E-03	4.30E-04	7.07E-04	3.47E-03
dioxins and furans (c)	1.70E-09	5.19E-10	7.13E-10	1.92E-09	2.19E-09	6.68E-10	9.17E-10	2.47E-09

(a) As discussed in **Section 4.9**, those CoPC that were considered to be bioaccumulative are assessed via multiple exposure pathways.

(b) Chromium assumed to comprised 100% hexavalent chromium.

(c) Assessed as 2,3,7,8-tetrachlorodibenzodioxin.

A significant proportion of house dust can be attributed to soil particles that have been tracked into the indoor environment from outdoors. enHealth (2012) consider that 50% of the indoor dust is derived from the site soil, in accordance with the recommendations made by US EPA (2008; 2011). However, in this assessment AECOM has conservatively assumed that the concentration of vapours and particulates inside a building was 100% of the level predicted in the outside air.

6.2 Estimation of Chemical Intakes

Chemical intakes were calculated for each of the CoPC via the following exposure pathways:

- Inhalation Pathway Assessment:
  - Inhalation of vapours and particulates in indoor and outdoor air (acute and chronic assessments).
- Multiple Pathway Assessment:
  - Inhalation of vapours and particulates in indoor and outdoor air (acute and chronic assessments);
  - Inhalation of surficial soil-derived dust in indoor and outdoor air (chronic assessment);
  - Direct contact (i.e. incidental ingestion and dermal contact) with deposited dust (chronic assessment);
  - Ingestion of home-grown fruit and vegetables grown on the deposited dust (chronic assessment);
  - Ingestion of eggs and chickens from home-grown chickens residing on the deposited dust (chronic assessment); and
  - Ingestion of breast milk by infants based on mother's intake and maternal transfer (chronic assessment).

6.2.1 Inhalation of Particulates

enHealth (2012a) recommends that the estimation of chemical intakes via the inhalation pathway follows the US EPA (2009) RAGS-F guidance which follows the *Inhalation Dosimetry Methodology*. This methodology supersedes the previous US EPA (1989) RAGS, Part A inhalation methodology because "*the internal dose to a chemical from the inhalation pathway is not a simple function of the inhalation rate and body weight….* [and therefore the US EPA (1989) inhalation equation] *does not comply with the principles of EPA's inhalation dosimetry procedures used to determine the human equivalent concentration (HEC) for calculating a Reference Concentration (RfC) or Inhalation Unit Risk (IUR)*") (US EPA, 2003).

The updated inhalation dosimetry methodology calculates a modified exposure concentration (EC, µg/m^3) which is then directly compared with a Reference Concentration (RfC, µg/m^3) or Inhalation Unit Risk (IUR, per µg/m^3) that is derived from toxicological studies. The equation used to estimate chemical intakes via inhalation of particulates is as follows:

$$Exposure\ Adjusted\ Air\ Concentration\ (\frac{\mu g}{m^3}) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) x\ ET\ \left(\frac{h}{d}\right) x\ EF\ \left(\frac{d}{yr}\right) x\ ED\ (yr)}{AT\ (h)}$$

Where:

Cair: contaminant concentration in air (µg/m^3)

ET: exposure time (hours per day)

EF: exposure frequency (days per year)

ED: exposure duration (years)

AT: averaging time for threshold and non-threshold CoPC (hours)

The EPCs presented in **Section 6.1** will be used as the '*contaminant concentration in air (µg/m^3)*' when calculating the exposure concentration for each CoPC in this HHRA. The values representing ET, EF, ED and AT are presented in **Section 6.3** below.

Equations for the additional direct contact (i.e. ingestion and dermal contact) exposure pathways are presented in **Appendix G**.

The assessment has also considered the potential for multiple pathway exposure, which is dependent on inhalation and body weight to calculate appropriate intake factors. Therefore the equations (as outlined in **Appendix G**) have also been undertaken to be incorporated in the multiple pathway assessment.

6.2.2 Blood Lead Model

As lead has been identified as a CoPC at the Site and as a result of the proposed adjacent battery recycling facility, exposure to receptors has been assessed using lead exposure models developed by the US EPA (US EPA, 2003; US EPA, 2007). The US EPA adult lead model has been used in the HHRA to assess potential risk to off-site adult residential, recreational and commercial receptors. The Integrated Exposure Uptake Biokinetic Model (IEUBK) for lead in children has been used in the HHRA to assess potential risks to off-site child residential receptors (i.e. most sensitive off-site receptor).

The blood lead model estimates the blood lead concentration in receptors based on exposure to lead impacted media. It should be noted that the soil ingestion pathway (following dust deposition) is considered to be the primary route of exposure for most receptors with inhalation of dust and incidental ingestion in food and other media considered to account for a much lower proportion of exposures.

6.2.2.1 Adult Blood Lead Model

The Adult Lead Model has been adopted for identified off-site adult receptors to assess potential risks associated with the ingestion of soil and inhalation of dust derived from the Site.

The inhalation of dust in outdoor air has been incorporated into the Adult Lead Model to provide a means of determining the risks associated with ingestion and dust inhalation (outdoors) pathways where appropriate.

Table 18 Adult Lead Model Input Parameters

Parameters	Unit	Values	Source / Comments
Biokinetic Slope Factor for soil exposures ($BKSF_{soil}$)	µg/dL per µg/day	0.4	Default value from US EPA (2003), based on analysis of Pocock *et al*. (1983) and Sherlock *et al*. (1984) data.
Intake Slope Factor (ISF_{air})	µg/dL per µg/day	1.92	Lead intake slope factor for air adopted from ATSDR (2007).
Geometric standard deviation (GSD_I)	unitless	1.8	Default value from US EPA (2003), a value of 1.8 recommended for homogeneous populations.
Baseline Blood Lead Concentration (PbB_o)	µg/dL	0.5	The baseline blood lead concentration has been assumed to be 10% of the target blood lead concentration (5 µg/dL). This is a conservative assumption based on the background lead information presented within the ASC NEPM (ASC NEPM, 2013) and is consistent with default baseline blood lead concentrations reported by the USEPA which range from 1.7 – 2.2 ug/dL based on the NHANES Survey information for Mexican American and non-Hispanic populations (US EPA, 2003).

Parameters	Unit	Values	Source / Comments
Intake Rates (IR)	g/day	Receptor Specific	Based on receptor specific parameters (refer to Risk Estimates (**Appendix F**) and **Section 6.3**). Intake rates for indoor and outdoor air dust inhalation are calculated based on calculated adult exposure factors (calculated from dust inhalation exposures outdoors) multiplied by an inhalation rate of 20 m^3/day.
Absorption Fraction (AF)	unitless	0.12	US EPA (2003) default value for the soil ingestion pathway only. Based on an absorption factor for soluble lead of 0.2 and a relative bioavailability of 0.6 (soil/soluble).
Target Blood Lead Level	µg/dL	5	Target blood level for all Australians, blood lead concentrations below this level are not expected to result in adverse effects (NHMRC, 2015).

6.2.2.2 Child Blood Lead Model

The US EPA IEUBK model (IEUBKwin32 Lead Model Version 1.1 Build 11) (2010) has been applied for assessment of risk for off-site child residential receptors exposed to lead derived from the Site. The input parameters for this model are based on a combination of exposure parameters adopted for the remaining CoPC and the values adopted for derivation of HIL A as per Appendix D in Schedule B7 of the ASC NEPM (2013).

The results of the IEUBK model are presented in **Appendix H**.

In the first instance, risks to off-site child residents were assessed as this is considered to be protective of other off-site receptors i.e. off-site child recreational users.

6.3 Human Behavioural Exposure Parameters

Human behavioural exposure parameters adopted in this risk assessment were obtained from the following recognised Australian and international sources:

- enHealth (2012a) Environmental Health Risk Assessment, Guidelines for Assessing Human Health Risks from Environmental Hazards. Department of Health and Ageing and enHealth Council, Commonwealth of Australia;
- enHealth (2012b) Australian Exposure Factor Guide, Department of Health and Ageing and enHealth Council, Commonwealth of Australia;
- ASC NEPM (2013) National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) 1999, National Environment Protection Council (NEPC), as amended and in force on 16 May 2013, specifically, Schedule B4, Guideline on Site-Specific Health Risk Assessment Methodology; and
- US EPA (1989) Risk Assessment Guidance for Superfund Volume I – Human Health Evaluation Manual Part A. United States Environmental Protection Agency Office of Emergency and Remedial Response. Washington DC, Revised December 1989; and associated updates.

Where specific guidance was not available from the above or other literature sources, conservative estimates for exposure parameters were adopted. Human exposure parameters adopted for the assessment, their source and justification are presented in **Table 19** to **Table 21**. Additional exposure parameters that are pathway specific are provided in **Appendix F**.

In accordance with the *Inhalation Dosimetry Methodology* described in **Section 6.2** above, consideration of body weight and inhalation rates are not required for the inhalation exposure pathway. These parameters were considered when calculating the multiple pathway exposures.

Table 19 Human Behavioural Exposure Parameters - Off-site Residents

Exposure Parameter (units)	Value Adopted		Reference
	Adult	Child	
Exposure Duration (years)	29	6	ASC NEPM (2013) - low to medium density residential.
Averaging Time (non-carcinogens) (years)	29	6	ASC NEPM (2013) - low to medium density residential.
Exposure Frequency (days/day)	365	365	ASC NEPM (2013) - low to medium density residential.
Exposure Time – Indoors (hours/day)	20	20	ASC NEPM (2013) - low to medium density residential.
Exposure Time – Outdoors (hours/day)	4	4	ASC NEPM (2013) - low to medium density residential.
Body Weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential.
Daily Soil Ingestion Rate (mg/day)	50	100	ASC NEPM (2013) - low to medium density residential.
Exposed Skin Surface Area for Soil Contact (cm^2)	6300	2700	ASC NEPM (2013) - low to medium density residential. Assumes 31.5% of total body surface area (20,000 cm^2) for an adult and 44.3% (6100 cm^2) for a child.
Soil to Skin Adherence Factor (mg/cm^2)	0.5	0.5	ASC NEPM (2013) - low to medium density residential.
Particulate emission factor (indoor air) (m^3/kg)	1.30E+7	1.30E+7	ASC NEPM (2013) - low to medium density residential. Assumes 50% soil concentration present in dust as noted in Schedule B7.
Particulate emission factor (outdoor air) (m^3/kg)	2.90E+10	2.90E+10	ASC NEPM (2013) - low to medium density residential.
Lung retention factor (dust inhalation)	0.375	0.375	ASC NEPM (2013) - low to medium density residential.
Home-grown fruit ingestion rate (g/day)	212.2	198	ABS (2014). Median value for consumers only. Based on a child 2-3 year old and adults >19 years old.
Home-grown vegetable ingestion rate (g/day)	296.8	345.9	ABS (2014). Median value for consumers only. Based on a child 2-3 year old and adults >19 years old.
Home-grown egg ingestion rate (g/day)	78	44.3	ABS (2014). Median value for consumers only. Based on a child 2-3 year old and adults >19 years old.

Exposure Parameter (units)	Value Adopted		Reference
	Adult	Child	
Fraction ingestion from contamination site (unitless)	1	1	Assumes 100% fruit/vegetables and eggs were sourced from soil impacted with dust deposited from the Site.
Breast milk ingestion rate by infant (L/day)	0.85 (infant)		enHealth (2012b). Suggested intake of breastmilk 850 mL/day for an infant less than 6-months of age. High end range of average intake.
Infant exposure duration (years)	1 (infant)		Exposure time as an infant (0 to 1 years).
Infant body weight (kg)	6 (infant)		Average weight of a 6-month old infant.

Table 20 Human Behavioural Exposure Parameters - Off-site Recreational Users

Exposure Parameter (units)	Value Adopted		Reference
	Adult	Child	
Exposure Duration (years)	29	6	ASC NEPM (2013) - recreational user.
Averaging Time (non-carcinogens) (years)	29	6	ASC NEPM (2013) - recreational user.
Exposure Frequency (days/day)	365	365	ASC NEPM (2013) - recreational user.
Exposure Time – Outdoors (hours/day)	2	2	ASC NEPM (2013) - recreational user.
Body Weight	70	15	ASC NEPM (2013) - recreational user.
Daily Soil Ingestion Rate (mg/day)	25	50	ASC NEPM (2013) - recreational user.
Exposed Skin Surface Area for Soil Contact (cm^2)	6300	2700	ASC NEPM (2013) - recreational user. Assumes 31.5% of total body surface area (20,000 cm^2) for an adult and 44.3% (6100 cm^2) for a child.
Soil to Skin Adherence Factor (mg/cm^2)	0.5	0.5	ASC NEPM (2013) - recreational user.
Particulate emission factor (outdoor air) (m^3/kg)	2.60E+7	2.60E+7	ASC NEPM (2013) - recreational user.
Lung retention factor (dust inhalation)	0.375	0.375	ASC NEPM (2013) - recreational user.

Table 21 Human Behavioural Exposure Parameters - Off-site Commercial Workers

Exposure Parameter (units)	Value Adopted	Reference
Exposure Duration (years)	30	ASC NEPM (2013) - commercial/industrial.
Averaging Time – Non-Carcinogens (years)	30	ASC NEPM (2013) - commercial/industrial.
Exposure Time – Indoors (hours/day)	8	ASC NEPM (2013) - commercial/industrial.
Exposure Time – Outdoors (hours/day)	1	ASC NEPM (2013) - commercial/industrial.
Body Weight	70	ASC NEPM (2013) - commercial/industrial.
Exposure Frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
Daily Soil Ingestion Rate (mg/day)	25	ASC NEPM (2013) - commercial/industrial.
Exposed Skin Surface Area for Soil Contact (cm^2)	3800	ASC NEPM (2013) - commercial/industrial. Assumes 19% of total body surface area (20,000 cm^2) for an adult.
Soil to Skin Adherence Factor (mg/cm^2)	0.5	ASC NEPM (2013) - commercial/industrial.
Particulate emission factor (indoor air) (m^3/kg)	1.30E+7	ASC NEPM (2013) - commercial/industrial. Assumes 50% soil concentration present in dust as noted in Schedule B7.
Particulate emission factor (outdoor air) (m^3/kg)	3.70E+10	ASC NEPM (2013) - commercial/industrial.
Lung retention factor (dust inhalation)	0.375	ASC NEPM (2013) - commercial/industrial.

7.0 Risk Characterisation

7.1 Methodology

The methodology and equations used to estimate risks for the HHRA are presented below. Threshold Risk Estimates

7.1.1 Threshold Risk Estimates

Risks to human health for CoPCs assessed on the basis of a threshold approach were estimated by comparison of the exposure adjusted air concentration (µg/m^3) of each CoPC with its respective reference concentration (RfC, µg/m^3) allowable from the Site (i.e., the RfC minus background intakes). The resulting ratio, referred to as the hazard quotient, is derived in the following manner:

$$HQ = \frac{EC_{inh}}{RfC - background}$$

Where:

HQ = Hazard Quotient (unitless)

EC_{inh} = Exposure adjusted air concentration (µg/m^3)

RfC = Tolerable Concentration in air (µg/m^3) – adjusted for background intake

A potentially unacceptable chemical intake/exposure is indicated if the EC exceeds the RfC (i.e. if the hazard quotient is greater than 1.0).

To assess the overall potential for adverse health effects posed by exposure to multiple chemicals and pathways (as presented within the multiple pathway exposure assessment), the hazard quotients for each chemical and exposure pathway relevant to a receptor are summed. The resulting sum is referred to as the hazard index (HI), and is calculated using the following equation.

$$HI = \sum_{i=1,\, j=1}^{n} HQ_{i,j}$$

Where:

HI = Hazard Index (unitless)

$HQ_{i,j}$ = Hazard Quotient for pathway *i* and chemical *j* (unitless)

n= Number of chemicals and/or multiple pathways relevant to land use scenario

If the HI is less than one, then cumulative exposure to the CoPC is considered unlikely to result in an adverse effect. If the sum is greater than 1.0, a more detailed and critical evaluation of the hazards may be required, or appropriate risk management measures at the Site may need to be implemented (enHealth, 2012a).

7.1.2 Non-Threshold (Carcinogenic) Risk Estimates

Risks to human health for CoPC considered to be genotoxic carcinogens were estimated as the incremental probability of an individual developing cancer over a lifetime as a result of chemical exposure. The numerical estimate of incremental lifetime carcinogenic risk was calculated using the following relationship:

$$ILCR = EC_{inh} * IUR$$

Where:

ILCR = Incremental Lifetime Cancer Risk (unitless)

EC_{inh} = Exposure adjusted air concentration (µg/m^3)

IUR = Inhalation Unit Risk (µg/m^3)$^{-1}$

To assess the overall potential for effects posed by simultaneous exposure to more than one chemical that is associated with non-threshold carcinogenic effects, the risk for each chemical and pathway were summed. The resulting sum is referred to as the cumulative incremental lifetime carcinogenic risk and is estimated as follows:

$$ILCR_{cum} = \sum_{i=1, j=1}^{n} ILCR_{i,j}$$

Where:

$ILCR_{cum}$ = Cumulative ILCR for a given receptor (unitless)

$ILCR_{i,j}$ = ILCR for chemical i and pathway j

n = Number of chemicals and/or pathways relevant to land use scenario.

This approach assumes that exposure to multiple carcinogens over a lifetime results in a cumulative effect, and therefore, exposures are summed over all intake routes.

7.2 Risk Acceptability Criteria

For threshold (non-carcinogens) CoPC, potentially *unacceptable* chemical intake/exposure is indicated if the exposure level exceeds the TDI or TC (i.e. if the HQ is greater than 1.0) (enHealth, 2012a).

For non-threshold (carcinogenic) CoPC, the incremental lifetime cancer risk estimates for each receptor have been compared to an *acceptable* carcinogenic risk level of 1 in 100,000 (1×10^{-5}) (enHealth, 2012a).

Where the risk acceptability criteria for threshold and non-threshold CoPC are exceeded, a more detailed and critical evaluation of the risk may be conducted, or appropriate risk management measures may be recommended.

7.3 Summary of Risk Estimates – Scenario 1

7.3.1 Inhalation Pathway Assessment

The risk calculation results are presented in **Appendix F**.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for vapour inhalation is presented in **Table 22**.

Table 22 Risk Characterisation Summary – Inhalation Exposure Pathway for Scenario 1

Receptor and Exposure Pathway	Adult	Child
	Threshold (HI)	Threshold (HI)
Off-site Receptors – 24-Hour Maximum Ground Level Concentrations		
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site resident**	0.11	0.11
Inhalation of vapour and particulates in outdoor air by an **off-site recreational user**	0.003	0.003
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	0.021	NA
Off-site Receptors – Grid Maximum Ground Level Concentrations		
Inhalation of vapour and particulates in indoor and	0.18	0.18

Receptor and Exposure Pathway	Adult	Child
	Threshold (HI)	Threshold (HI)
outdoor air by an **off-site resident**		
Inhalation of vapour and particulates in outdoor air by an **off-site recreational user**	0.015	0.015
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	0.043	NA

NA – not assessed

As presented in **Table 22**, the calculated risk estimates for the inhalation of vapour and particulates by off-site residents, recreational users and commercial workers using the 24-hour and grid maximum concentrations were below the adopted hazard index of 1.0 for threshold compounds.

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from vapour and particulates emitted from the Site were considered low and acceptable.

7.3.2 Multiple Exposure Pathway Assessment

The risk calculation results are presented in **Appendix F**. The IEUBK blood lead model outputs are presented in **Appendix H**.

A summary of the calculated reasonable maximum threshold risks (hazard index) for the multiple exposure pathway assessment is presented in **Table 23**.

Table 23 Risk Characterisation Summary – Multiple Exposure Pathways for Scenario 1

Receptor and Exposure Pathway	24-Hour Maximum GLC		Grid Maximum GLC	
	Adult	Child (a)	Adult	Child (a)
	Threshold (HI)	Threshold (HI)	Threshold (HI)	Threshold (HI)
Off-site Residents				
Inhalation of vapour and particulates in indoor and outdoor air	1.11E-01	1.11E-01	1.75E-01	1.75E-01
Incidental ingestion of surficial soils	7.5E-06	7.0E-05	8.4E-06	7.8E-05
Dermal contact with surficial soils	6.8E-06	1.4E-05	7.2E-06	1.4E-05
Inhalation of surficial soil-derived dust in indoor and outdoor air	3.1E-06	3.1E-06	4.4E-06	4.4E-06
Incidental ingestion of lead in soil/dust	8.5E-07	Refer to IEUBK Model	1.3E-06	Refer to IEUBK Model
Inhalation of lead in indoor and outdoor air	3.3E-07	Refer to IEUBK Model	4.8E-07	Refer to IEUBK Model
Ingestion of breast milk by an infant	-	7.2E-01	-	7.7E-01
Ingestion of home-grown eggs	3.0E-06	8.0E-06	3.1E-06	8.2E-06
Ingestion of home-grown fruit and vegetables	1.8E-04	9.3E-04	2.0E-04	9.9E-04
Total Risk Estimates	*0.11*	*0.83*	*0.18*	*0.95*
Off-site Recreational User				
Inhalation of vapour and particulates in outdoor air	2.97E-03	2.97E-03	0.015	0.015
Incidental ingestion of surficial soils	5.7E-07	5.4E-06	4.2E-06	3.9E-05
Dermal contact with surficial soils	1.2E-06	2.5E-06	7.2E-06	1.4E-05
Inhalation of surficial soil-derived dust in outdoor air	1.9E-08	1.9E-08	2.2E-07	2.2E-07
Incidental ingestion of lead in soil/dust	5.2E-08	Refer to IEUBK Model	6.3E-07	Refer to IEUBK Model
Inhalation of lead in dust in outdoor air	2.0E-09	Refer to IEUBK Model	2.4E-08	Refer to IEUBK Model
Total Risk Estimates	*0.003*	*0.003*	*0.015*	*0.015*

Receptor and Exposure Pathway	24-Hour Maximum GLC		Grid Maximum GLC	
	Adult	Child (a)	Adult	Child (a)
	Threshold (HI)	Threshold (HI)	Threshold (HI)	Threshold (HI)
Off-site Commercial Workers				
Inhalation of vapour and particulates in indoor and outdoor air	2.11E-02	-	0.043	-
Incidental ingestion of surficial soils	9.4E-07	-	4.2E-06	-
Dermal contact with surficial soils	1.1E-06	-	4.4E-06	-
Inhalation of surficial soil-derived dust in indoor and outdoor air	3.4E-07	-	1.8E-06	-
Incidental ingestion of lead in soil/dust	1.2E-07	-	6.3E-07	-
Inhalation of lead in dust in indoor and outdoor air	3.6E-08	-	1.9E-07	-
Total Risk Estimates	*0.021*	-	*0.043*	-

(a) Refer to IEUBK model (**Appendix H**) for child risks associated with lead.

As presented in **Table 23**, hazard indices for the multiple exposure pathway assessment by off-site residents, recreational users and commercial workers using the 24-hour and grid maximum concentrations were below the adopted acceptable hazard index of 1.0.

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from multiple exposure pathways were considered low and acceptable.

Based on the modelled 24-hour maximum concentration of lead in air (0.00119 µg/m^3) and soil (0.0014 mg/kg) and the adopted exposure parameters for off-site child residents, blood lead concentrations were reported to range from 0.7 µg/dL (5 to 7 year old) and 1.5 µg/dL (0.5 to 1 year old). Additionally, based on the modelled grid maximum concentration of lead in air (0.002 µg/m^3) and soil (0.002 mg/kg), blood lead concentrations were reported to range from 0.6 µg/dL (4 to 5 year old) and 1.5 µg/dL (0.5 to 1 year old). Overall, blood lead concentrations were below the adopted baseline blood lead concentration (5 µg/dL) for children up to 7 years of age. Therefore, the Site is not considered to present a risk to the off-site child residential receptors.

7.4 Summary of Risk Estimates – Scenario 2

7.4.1 Inhalation Pathway Assessment

The risk calculation results are presented in **Appendix F**.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for vapour inhalation is presented in **Table 24**.

Table 24 Risk Characterisation Summary – Inhalation Exposure Pathway for Scenario 2

Receptor and Exposure Pathway	Adult		Child	
	Non-threshold (ILCR)	Threshold (HI)	Non-threshold (ILCR)	Threshold (HI)
Off-site Receptors – 24-Hour Maximum Ground Level Concentrations				
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site resident**	9.50E-06	**1.70E+00**	1.96E-06	**1.70E+00**
Inhalation of vapour and particulates in outdoor air by an **off-site recreational user**	3.53E-07	6.29E-02	7.30E-08	6.29E-02
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	1.75E-06	2.81E-01	NA	NA
Off-site Receptors – Grid Maximum Ground Level Concentrations				
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site resident**	9.77E-06	**1.79E+00**	2.02E-06	**1.79E+00**
Inhalation of vapour and particulates in outdoor air by an **off-site recreational user**	8.14E-07	1.49E-01	1.68E-07	1.49E-01
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	2.49E-06	4.42E-01	NA	NA

NA – Not assessed

Bold text indicates exceedance of the risk acceptability criteria,

As presented in **Table 24**, the calculated risk estimates for the inhalation of vapour and particulates by off-site recreational users and commercial workers using the 24-hour and grid maximum concentrations were below the adopted hazard index of 1.0 for threshold compounds and ILCR of $1x10^{-5}$ for non-threshold compounds. Additionally, the calculated risk estimate for the inhalation of vapour and particulates by off-site residents using the 24-hour and grid maximum concentrations were below the adopted ILCR of $1x10^{-5}$ for non-threshold compounds

The calculated risk estimates for the inhalation of vapour and particulates by off-site residents using the 24-hour and grid maximum concentrations were slightly above the adopted acceptable hazard

index of 1.0 for threshold compounds. The potential risk to off-site residents was predominantly driven by the inhalation of cadmium and nickel. However, AECOM notes that the potential risk is unlikely to be realised based on the following:

- Stack concentrations for heavy metals in Scenario 2 were calculated using the proposed Type 1 and Type 2 Substances EPL stack concentration limit of 1 mg/m^3 and dividing the total stack concentration by the total number of heavy metals (13). These values were then used to calculate the relevant stack emission rate based on stack emission data. This approach is considered to be conservative and resulted in an overestimated of ground level impacts, especially when compared to Scenario 1;
- The EPCs adopted in Scenario 2 are the maximum 24-hour average concentrations that were predicted over an entire year. Therefore, it is unlikely that off-site residents would be exposed to these concentrations for 24 hours a day, 365 days a year for 30 years; and
- As noted in **Section 4.1.1**, Scenario 2 is representative of theoretical worst-case impacts using the proposed emission limits. These operating conditions are unlikely to ever occur, and if they do, it would only be for short periods of time. Therefore, a chronic health risk under Scenario 2 operating conditions is unlikely to be realised.

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from vapour and particulates emitted from the Site were considered low and acceptable.

7.4.2 Multiple Exposure Pathway Assessment

The risk calculation results are presented in **Appendix F**. The IEUBK blood lead model outputs are presented in **Appendix H**.

A summary of the calculated reasonable maximum threshold risks (hazard index) for the multiple exposure pathway assessment is presented in **Table 25**.

Table 25 Risk Characterisation Summary – Multiple Exposure Pathways for Scenario 2

Receptor and Exposure Pathway	24-Hour Maximum GLC		Grid Maximum GLC	
	Adult	Child (a)	Adult	Child (a)
	Threshold (HI)	Threshold (HI)	Threshold (HI)	Threshold (HI)
Off-site Residents				
Inhalation of vapour and particulates in indoor and outdoor air	**1.70E+00**	**1.70E+00**	**1.79E+00**	**1.79E+00**
Incidental ingestion of surficial soils	3.2E-05	3.0E-04	3.41E-05	3.18E-04
Dermal contact with surficial soils	1.3E-05	2.5E-05	1.32E-05	2.65E-05
Inhalation of surficial soil-derived dust in indoor and outdoor air	4.0E-05	4.0E-05	4.30E-05	4.30E-05
Incidental ingestion of lead in soil/dust	3.7E-06	Refer to IEUBK Model	4.19E-06	Refer to IEUBK Model
Inhalation of lead in indoor and outdoor air	1.4E-06	Refer to IEUBK Model	1.61E-06	Refer to IEUBK Model
Ingestion of breast milk by an infant	-	**2.33E+00**	-	**2.44E+00**
Ingestion of home-grown eggs	4.98E-06	1.32E-05	5.15E-06	1.37E-05
Ingestion of home-grown fruit and vegetables	5.16E-04	2.68E-03	5.38E-04	2.80E-03
Total Risk Estimates	***1.70***	***4.03***	***1.79***	***4.23***
Off-site Recreational User				
Inhalation of vapour and particulates in outdoor air	6.29E-02	6.29E-02	1.49E-01	1.49E-01
Incidental ingestion of surficial soils	2.2E-06	2.1E-05	1.7E-05	1.6E-04
Dermal contact with surficial soils	2.1E-06	4.2E-06	1.3E-05	2.6E-05
Inhalation of surficial soil-derived dust in outdoor air	2.6E-07	2.6E-07	2.2E-06	2.2E-06
Incidental ingestion of lead in soil/dust	2.3E-07	Refer to IEUBK Model	2.1E-06	Refer to IEUBK Model
Inhalation of lead in dust in outdoor air	9.0E-09	Refer to IEUBK Model	8.1E-08	Refer to IEUBK Model
Total Risk Estimates	*0.06*	*0.06*	*0.15*	*0.15*

Receptor and Exposure Pathway	24-Hour Maximum GLC		Grid Maximum GLC	
	Adult	Child (a)	Adult	Child (a)
	Threshold (HI)	Threshold (HI)	Threshold (HI)	Threshold (HI)
Off-site Commercial Workers				
Inhalation of vapour and particulates in indoor and outdoor air	2.81E-01	-	4.42E-01	-
Incidental ingestion of surficial soils	3.6E-06	-	1.7E-05	-
Dermal contact with surficial soils	1.9E-06	-	8.0E-06	-
Inhalation of surficial soil-derived dust in indoor and outdoor air	3.5E-06	-	1.7E-05	-
Incidental ingestion of lead in soil/dust	4.2E-07	-	2.1E-06	-
Inhalation of lead in dust in indoor and outdoor air	1.3E-07	-	6.4E-07	-
Total Risk Estimates	*0.28*	-	*0.44*	-

(a) Refer to IEUBK model (**Appendix H**) for child risks associated with lead.

Bold text indicates exceedance of the risk acceptability criteria,

As presented in **Table 25**, the calculated risk estimates for the multiple exposure pathway assessment by recreational users and commercial workers using the 24-hour and grid maximum concentrations were below the adopted hazard index of 1.0 for threshold compounds. The calculated risk estimates for the multiple exposure pathway assessment by off-site residents using the 24-hour and grid maximum concentrations were slightly above the adopted acceptable hazard index of 1.0 for threshold compounds. The potential risk to off-site residents was predominantly driven by the inhalation of heavy metals (e.g. cadmium and nickel) and ingestion of breast milk containing cadmium by infants.

As discussed in **Section 7.4.1**, the potential risk via the inhalation pathway to off-site residents under Scenario 2 operating conditions is unlikely to be realised. Additionally, the approach adopted to calculate the risk via ingestion of breast milk by an infant is considered to be overly conservative based on the following:

- It has been assumed that a breast feeding mother is cumulatively exposed to CoPC emitted from the WA facility via all exposure pathways; and
- It has been assumed that 90% of what is inhaled/ingested by a mother is stored in fat. However, it is understood that cadmium is relatively poorly absorbed (2 to 7%) into the body (WHO, 2011) and cadmium levels in human milk are 5-10% of levels in blood (ATSDR, 2012).

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from multiple exposure pathways were considered low and acceptable.

Based on the modelled 24-hour maximum concentration of lead in air (0.005 µg/m^3) and soil (0.006 mg/kg) and the adopted exposure parameters for off-site child residents, blood lead concentrations were reported to range from 0.6 µg/dL (4 to 5 year old) and 1.5 µg/dL (0.5 to 1 year old). Additionally, based on the modelled grid maximum concentration of lead in air (0.006 µg/m^3) and soil (0.01 mg/kg), blood lead concentrations were reported to range from 0.6 µg/dL (4 to 5 year old) and 1.5 µg/dL (0.5 to 1 year old). Overall, blood lead concentrations were below the adopted baseline blood lead concentration (5 µg/dL) for children up to 7 years of age. Therefore, the Site is not considered to present a risk to the off-site child residential receptors.

8.0 Uncertainty and Sensitivity Analysis

The risk assessment process involves a number of assumptions regarding Site conditions, human exposure and chemical toxicity. These assumptions are based on Site-specific information (where available), but it is not always possible to fully predict or describe site conditions and human activities at a Site for the exposure period considered in the risk assessment. The assumptions adopted for this risk assessment were therefore generally selected to be conservative in nature, in order to evaluate an assumed reasonable maximum exposure scenario and provide a deliberate margin of safety.

A discussion of some of the key uncertainties associated with different components of the risk assessment process, and an input parameter sensitivity analysis, is provided below.

8.1 Air Dispersion Modelling

The atmosphere is a complex, physical system and the movement of air in a given location is dependent on a number of variables, including temperature, topography and land use, as well as larger-scale synoptic processes. Dispersion modelling is a method of simulating the movement of air pollutants in the atmosphere using mathematical equations. The model equations necessarily involve the current understanding of the complex environmental interactions and chemical reaction processes involved, available input data, processing time and data storage limitations. The model configuration particularly affects model predictions during certain meteorological conditions and source emission types. For example, the prediction of pollutant dispersion under low wind speed conditions (typically defined as those less than 1 m/s) or for low-level, non-buoyant sources, is problematic for most dispersion models. To accommodate these effects, the model is configured to provide conservative estimates of pollutant concentrations at particular locations.

The results of dispersion modelling, therefore, provide a conservative indication of the worst likely level of pollutants within the modelling domain. While the models, when used appropriately and with high quality input data, can provide very good indications of the scale of pollutant concentrations and the likely locations of the maximum concentrations occurring, their outputs should not be considered to be representative of exact pollutant concentrations at any given location or point in time.

AECOM notes that the operational periods adopted in the air dispersion modelling were conservative i.e. 24 hours per day 7 days per week (as presented in the AQIA (AECOM, 2017c)). Realistically, the operational periods are dependent on when feedstock is brought to the Site and therefore operation periods are likely to be intermittent. The conservative operational period adopted is likely to be protective of current and future operations.

To account for the variability in air dispersion modelling, 24-hour maximum annual average ground level concentrations at each receptor were adopted in the HHRA (Scenario 1) as these were considered to represent a conservative exposure scenario. Maximum dust deposition rates (as $mg/m^2/year$) for selected bioaccumulative CoPC within the grid were also adopted in the HHRA. The 24-hour maximum concentrations and deposition rates identified at off-site receptors from the air dispersion modelling are likely to overestimate exposure in the areas assessed. Additionally, the 1-hour maximum concentrations for Scenario 1 were considered in the sensitivity analysis (**Section 8.8**).

8.2 Ingestion Models

The assessment of potential multiple pathway exposure is based on a number of conservative assumptions which are likely to result in an assessment which is in the upper estimate of exposure. Namely the assessment relies on deposition rates which are determined not taking into account the terrain (i.e. buildings, enclosures, green houses, fencing) which may restrict flow path for deposition. The estimated concentrations are based on the maximum deposition rates determined to be representative of exposures over a lifetime to multiple pathways which are unlikely to be representative of the usual residential exposures. They are presented however to account for the potential that there may be a receptor in which all of the estimated exposure scenarios apply.

8.3 Toxicity Assessment

In general, the available scientific information is insufficient to provide a thorough understanding of all of the potential toxic properties of chemicals to which humans may be exposed. It is necessary, therefore, to extrapolate these properties from data obtained under other conditions of exposure and involving experimental laboratory animals. This may introduce two types of uncertainties into the risk assessment, as follows:

a) Those related to extrapolating from one species to another; and

b) Those related to extrapolating from the high exposure doses, usually used in experimental animal studies, to the lower doses usually estimated for human exposure situations.

The majority of the toxicological knowledge of chemicals comes from experiments with laboratory animals, although there may be interspecies differences in chemical absorption, metabolism, excretion and toxic response. There may also be uncertainties concerning the relevance of animal studies using exposure routes that differ from human exposure routes. In addition, the frequent necessity to extrapolate results of short-term or sub-chronic animal studies to humans exposed over a lifetime has inherent uncertainty.

In order to adjust for these uncertainties, IURs and RfCs incorporate safety factors that may vary from 10 to 10,000. The US EPA assumes that humans are as sensitive to carcinogens as the most sensitive animal species. The policy decision, while designed to minimise the potential for underestimating risk, introduces the potential to overestimate carcinogenic risk. Conversely, it also does not allow for the possibility that humans may be more sensitive than the most sensitive animal species.

The model used by the US EPA to determine slope factors is a linearised multistage model, which provides a conservative estimate of cancer risk at low doses and is likely to overestimate the actual slope factor. It is assumed in this approach that a genotoxic mechanism applies, however, most carcinogens do not actually cause cancer by this mechanism. The result is that the use of slope factors has the general effect of overestimating the incremental cancer risks.

The approach for evaluating risks to mixtures of chemicals assesses dose additively and does not account for potential synergism, antagonism or differences in target organ specificity and mechanism of action. In general, the additive approach has the effect of overestimating the risks. This is because chemicals that have no additive effects are included together as well as chemicals that may have additive effects.

8.4 Background Exposures

For metals, the available background exposure percentages adopted by the ASC NEPM (2013) were applied. Adopted background exposure percentages are provided in **Appendix E** and **Appendix F**. Background exposures to other metals (Sb, Pb, Sn and V) were considered to be negligible.

Background exposure to benzene by the general population was considered to be 20%. This is in accordance with recommendations made by Friebel & Nadebaum (2011) to be protective of the majority of residential properties and for Sydney CBD where people spend some time at ground level.

An average lifetime daily exposure (ALDE) was calculated for dioxins and furans using findings of a blood serum study and body burdens (DEH, 2004). The mean ALDE was estimated as 1.32 TEQ pg/kg bw/day (minimum of 0.13 pg/kg bw/day for ages under 16 years; maximum of 2.96 pg/kg bw/day for 60 years and older). AECOM converted 1.32 TEQ pg/kg bw/day to months, which equalled 40.15 pg/kg bw/month. This is 57% of the tolerable monthly intake (TMI) of 70 pg/kg bw/month (DEH, 2005).

The assumptions adopted in the Integrated Exposure Uptake Biokinetic Model for Lead in Children (IEUBK) assess exposures related to all potential sources of lead in a child's life (i.e. drinking water, food, air etc.). Therefore background exposures have been assessed within the IEUBK model for child exposure pathways.

The adult lead model (USEPA, 2003) has been used to assess potential exposures to lead as a result of ingestion of soil and inhalation of dust. The baseline blood lead concentration has been assumed to be 10% of the target blood lead concentration (5 µg/dL) (NHMRC, 2015). This is a conservative assumption based on the background lead information presented within the ASC NEPM (ASC NEPM, 2013) and is consistent with default baseline blood lead concentrations reported by the USEPA which range from 1.7 – 2.2 ug/dL based on the NHANES Survey information for Mexican American and non-Hispanic populations (US EPA, 2003).

8.5 Human Exposure Parameters

Risk assessment requires the adoption of several assumptions in order to assess potential human exposure. This risk assessment included assumptions about general characteristics and patterns of human exposure relevant to the Site. The assumptions used for identified off-site residential, recreational and commercial receptors located nearby the Site were conservative and developed to provide an estimate of reasonable maximum exposures rather than the actual exposures. This approach is likely to overestimate the associated health risks.

8.6 Sensitivity Analysis

When undertaking quantitative risk modelling it is important to understand the potential effects that exposure parameters may have on the overall calculated risks. **Table 26** provides a summary of the main assumptions adopted in the current risk assessment.

Table 26 Sensitivity of Modelling Input Parameters

Parameter	Value Adopted in Risk Assessment (unit)	Outcome in Risk Assessment
Exposure Time	24 hours per day	It has been assumed that human receptors will be exposed to contamination for 24 hours a day, which is considered the most conservative value. A reduction in this value will reduce the overall estimated health risks.
Exposure Frequency	365 days per year	It has been assumed that human receptors will be exposed to contamination for 365 days a year, which is considered the most conservative value. A reduction in this value will reduce the overall estimated health risks.
Exposure Duration	Resident and Recreational User – 29 (adult) and 6 (child) years Commercial Worker – 30 years	It has been assumed that residents and recreational users will be exposed to contamination for 29 years for an adult and 6 years for a child. It has been assumed that a commercial worker will be exposed to contamination for 30 years. These exposure duration periods are in accordance with the ASC NEPM (2013) and are considered to be conservative. A reduction in this value will reduce the overall estimated health risks.
Daily Soil Ingestion Rate	Resident – 50 mg/day (adult) and 100 mg/day (child) Recreational User – 25 mg/day (adult) and 50 mg/day (child)	It has been assumed that an adult resident would ingest 50 mg of soil each day, while a child resident would ingest 100 mg of soil each day. It has been assumed that an adult recreational user would ingest 25 mg of soil each day, while a child recreational user would ingest 50 mg of soil each day. These soil ingestion rates are in accordance with the ASC NEPM (2013) and are considered to be

Parameter	Value Adopted in Risk Assessment (unit)	Outcome in Risk Assessment
		conservative. A reduction in this value will reduce the overall estimated health risks.
Exposed Skin Surface Area for Soil Contact	6300 cm^2 (adult) and 2700 cm^2 (child)	It has been assumed that 31.5% of an adult's body surface area would be exposed to contaminated soil, while 44.3% of a child's body surface area would be exposed to contaminated soil. These exposed skin surface areas are in accordance with the ASC NEPM (2013) and are considered to be conservative. A reduction in this value will reduce the overall estimated health risks.
Soil to Skin Adherence Factor	0.5 mg/cm^2	A soil to skin adherence factor of 0.5 mg/cm^2 is recommended in the ASC NEPM (2013) for all receptors. A reduction in this value will reduce the overall estimated health risks.

8.7 Scenario 3 Chronic Risk Assessment Using 24-Hour Maximum Concentrations

As discussed in the Air Quality Impact Assessment (AQIA) (AECOM, 2017c), the Pymore Recyclers International Pty Ltd (Pymore) lodged a Request for SEARs for the proposed development of a battery recycling facility with the DP&E in February 2016. The facility would be located at 129 Mitchell Avenue, Kurri Kurri, and would occupy approximately 3.4 ha of the lot on which the Site is located.

The proposed facility would recycle approximately 60,000 tonnes per annum (tpa) of used-lead-acid batteries (ULABs) using a CX Integrated System which uses a combination of hydrometallurgical and pyro metallurgical process for the recovery of lead and associated by-products. ULAB recycling at the facility would be comprised of four main processes: crushing screening and separation; desulphurisation; crystallisation; and lead smelting (EMM 2016). As a result, the main pollutants of concern from the facility would be particulates, SO_2, NO_x and lead.

Therefore, cumulative impacts of the proposed BRF have been assessed below (Scenario 3).

8.7.1 Data Used in Scenario 3 HHRA

In Scenario 3, 24-hour maximum annual average and grid maximum ground level concentrations at each receptor were adopted as these were considered to represent off-site human exposure conditions. The maximum concentrations are cumulative i.e. a sum of emissions from the Site, the BRF and background (where available). The air quality data for Scenario 3 is presented in **Appendix B**.

In Scenario 3, annual average and grid maximum dust deposition rates (as mg/m^2/year) were adopted based on the established relationship between the anticipated source concentrations under typical operating conditions and the dust deposition annual average concentration. The deposition rates were used to determine what concentrations may deposit onto soil and therefore be present via a number of additional exposure pathways other than inhalation. The dust deposition data for Scenario 3 is presented in **Appendix B**.

8.7.2 Tier 1 Screening Assessment

As identified in **Section 4.4**, only selected CoPC (i.e. SO_2, NO_2, PM_{10}, $PM_{2.5}$ and lead) were considered in Scenario 3 as no emission data for other CoPC were available for the BRF. Therefore, consistent with the approach adopted for criteria pollutants in Scenario 1, these CoPC were assessed by screening the 24-hour maximum annual average concentrations at each receptor (i.e. residents, recreational users and commercial workers) and grid maximum concentrations against selected Tier 1 screening criteria (refer to **Section 4.11.1**). **Table T5 (Appendix C)** presents the Tier 1 screening assessment for Scenario 3.

8.7.2.1 Tier 1 Screening Results

The 24-hour and grid maximum concentrations of criteria pollutants were below the adopted criteria at each off-site receptor excluding:

- $PM_{2.5}$ and PM_{10} at all off-site receptors.

As no toxicity data is available for particulate matter, human health risks associated with exposure to particulate matter is qualitatively discussed below.

The exposure-response relationships for a number of health effects associated with exposures to PM_{10} and $PM_{2.5}$ is linear (i.e. there is no level or threshold below which no adverse effects have been identified). As there is no threshold for potential adverse health effects and given the exceedance of the criteria, further assessment of particulate matter has been undertaken.

As the 24-hour and grid maximum concentrations of particulate matter were cumulative (as discussed in **Section 8.7.1**), AECOM has further assessed the proportion emitted from the Site compared to that of background. The site-derived concentrations, BRF concentrations, background concentrations and total particulate matter concentrations are presented in **Table 27**.

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Table 27 Site and Background Particular Matter Contributions for Scenario 3

CoPC	Selected Tier 1 Screening Criteria - Residents and Recreational Users (µg/m^3)	Selected Tier 1 Screening Criteria - Commercial Worker (µg/m^3)	24-hr Particulate Matter Concentrations (µg/m^3)			
			Site-Derived Concentration (24-hr Max / Grid Max)	BRF-Derived Concentration (24-hr Max / Grid Max)	Background Concentration	Total Concentration (24-hr Max / Grid Max)
Off-site Resident						
PM_{10}	50	50	0.5 / 0.8	1.5 / 2.0	64.9	66.9 / 67.7
$PM_{2.5}$	25	25	0.002/ 0.002	2.0 / 2.9	25.9	27.9 / 28.7
Off-site Recreational Users						
PM_{10}	50	50	0.3 / 0.8	0.3 / 2.0	64.9	65.4 / 67.7
$PM_{2.5}$	25	25	0.0009 / 0.002	0.5 / 2.9	25.9	26.4 / 28.7
Off-site Commercial Worker						
PM_{10}	50	50	0.4 / 0.8	1.5 / 2.0	64.9	66.8 / 67.7
$PM_{2.5}$	25	25	0.001 / 0.002	1.9 / 2.9	25.9	27.8 / 28.7

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As presented in **Table 27**, the site-derived and BRF-derived 24-hour and grid maximum concentrations of particulate matter for Scenario 3 were below the criteria at each off-site receptor while the 24-hour background concentrations were above the criteria at each off-site receptor. Additionally, a significant portion (greater than 95%) of the total particulate matter concentrations is attributed to background. Therefore, cumulative particulate matter emissions from the Site and BRF were considered to be low and acceptable.

The 24-hour maximum concentration of lead was below the selected criteria at each off-site receptor. However, as lead is considered to be bioaccumulative in the environment, it has been further assessed as part of the Tier 2 multiple pathway assessment (see below).

8.7.3 Representative Exposure Point Concentrations

The adopted EPCs for Scenario 3 in air and particulate deposition rates used to then calculate the concentration of contaminants in soil are presented in **Table 28**. It should be noted that the 24-hour maximum annual average ground level concentrations (100^{th} percentile) at each receptor and grid maximum concentrations were adopted in this sensitivity assessment as these were considered to represent off-site human exposure conditions. Dust deposition rates (as mg/m^2/year) for lead are based the anticipated at source concentrations.

The Scenario 3 24-hour and grid maximum ground level concentrations and dust deposition rates are presented in **Table 28** and **Appendix B**.

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Table 28 Exposure Point Concentrations used in the Scenario 3 Assessment (24-hour Maximum Concentrations)

CoPC (a)	24-hour Maximum Concentration in Air (µg/m^3)				Dust Deposition Rate (mg/m^2/year)			
	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum
lead	0.16	0.04	0.16	0.24	4.36E-03	4.71E-04	1.15E-03	5.65E-03

(a) As discussed in **Section 4.9**, those CoPC that were considered to be bioaccumulative are assessed via multiple exposure pathways.

A significant proportion of house dust can be attributed to soil particles that have been tracked into the indoor environment from outdoors. enHealth (2012) consider that 50% of the indoor dust is derived from the site soil, in accordance with the recommendations made by US EPA (2008; 2011). However, in this assessment AECOM has conservatively assumed that the concentration of vapours and particulates inside a building was 100% of the level predicted in the outside air.

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8.7.4 Human Behavioural Exposure Parameters

Human behavioural exposure parameters adopted in this sensitivity assessment were consistent with those used in Scenario 1. Refer to **Section 6.3** for adopted human behavioural exposure parameters.

8.7.5 Inhalation Pathway Assessment

The risk calculation results are presented in **Appendix I**.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for vapour inhalation is presented in **Table 29**.

Table 29 Risk Characterisation Summary – Inhalation Exposure Pathway for Scenario 3

Receptor and Exposure Pathway	Adult	Child
	Threshold (HI)	Threshold (HI)
Off-site Receptors – 24-Hour Maximum Ground Level Concentrations		
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site resident**	0.32	0.32
Inhalation of vapour and particulates in outdoor air by an off-site **recreational user**	0.007	0.007
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	0.08	-
Off-site Receptors – Grid Maximum Ground Level Concentrations		
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site resident**	0.48	0.48
Inhalation of vapour and particulates in outdoor air by an off-site **recreational user**	0.04	0.04
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	0.12	-

n/a – not assessed

As presented in **Table 29**, the calculated risk estimates for the inhalation of vapour and particulates by off-site residents, recreational users and commercial workers using the 24-hour and grid maximum concentrations were below the adopted acceptable hazard index of 1.0 for lead.

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from lead emitted from the Site were considered low and acceptable including when assessed cumulatively with the battery recycling facility.

8.7.6 Multiple Exposure Pathway Assessment

The risk calculation results are presented in **Appendix I**. The IEUBK blood lead model outputs are presented in **Appendix H**.

It should be noted that as no fruit and vegetable concentration factors were available for lead, the ingestion of fruit and vegetable pathway by a resident has not been assessed in Scenario 3.

A summary of the calculated reasonable maximum threshold risks (hazard index) for the multiple exposure pathway assessment is presented in **Table 30**.

Table 30 Risk Characterisation Summary – Multiple Exposure Pathways for Scenario 3

Receptor and Exposure Pathway	24-Hour Maximum GLC		Grid Maximum GLC	
	Adult	Child (a)	Adult	Child (a)
	Threshold (HI)	Threshold (HI)	Threshold (HI)	Threshold (HI)
Off-site Residents				
Inhalation of vapour and particulates in indoor and outdoor air	3.2E-01	3.2E-01	4.82E-01	4.82E-01
Incidental ingestion of lead in soil/dust	9.4E-07	Refer to IEUBK Model	4.9E-06	Refer to IEUBK Model
Inhalation of lead in indoor and outdoor air	1.4E-06	Refer to IEUBK Model	1.9E-06	Refer to IEUBK Model
Ingestion of breast milk by an infant	-	1.9E-03	-	9.6E-03
Ingestion of home-grown eggs	5.5E-10	1.5E-09	7.1E-10	1.9E-09
Total Risk Estimates	*0.32*	*0.32*	*0.48*	*0.49*
Off-site Recreational User				
Inhalation of vapour and particulates in outdoor air	7.0E-03	7.0E-03	4.01E-02	4.01E-02
Incidental ingestion of lead in soil/dust	2.0E-07	Refer to IEUBK Model	2.4E-06	Refer to IEUBK Model
Inhalation of lead in dust in outdoor air	7.8E-09	Refer to IEUBK Model	9.4E-08	Refer to IEUBK Model
Total Risk Estimates	*0.007*	*0.007*	*0.04*	*0.04*
Off-site Commercial Workers				
Inhalation of vapour and particulates in indoor and outdoor air	7.7E-02	-	1.19E-01	-
Incidental ingestion of lead in soil/dust	5.0E-07	-	2.4E-06	-
Inhalation of lead in dust in indoor and outdoor air	1.5E-07	-	7.5E-07	-
Total Risk Estimates	*0.08*	-	*0.12*	-

(a) Refer to IEUBK model (**Appendix H**) for child risks associated with lead.

As presented in **Table 30**, hazard indices for the multiple exposure pathway assessment by off-site residents, recreational users and commercial workers using the 24-hour and grid maximum concentrations were below the adopted acceptable hazard index of 1.0.

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from multiple exposure pathways were considered low and acceptable.

Based on the 24-hour maximum modelled concentration of lead in air (0.159 µg/m^3) and soil (0.00625 mg/kg) and the adopted exposure parameters for off-site child residents, blood lead concentrations were reported to range from 0.9 µg/dL (4 to 5 year old) and 1.7 µg/dL (0.5 to 1 year old). Additionally, based on the modelled grid maximum concentration of lead in air (0.241 µg/m^3) and soil (0.008 mg/kg), blood lead concentrations were reported to range from 1.1 µg/dL (4 to 7 year old) and 1.8 µg/dL (0.5 to 8 year old). Overall, blood lead concentrations were below the adopted baseline blood lead concentration (5 µg/dL) for children up to 7 years of age. Therefore, the Site is not considered to present a risk to the off-site child residential receptors.

8.8 Scenario 1 Chronic Risk Assessment Using 1-Hour Maximum Concentrations

8.8.1 Representative Exposure Point Concentrations

The adopted EPCs in air and particulate deposition rates used to then calculate the concentration of contaminants in soil are presented in **Table 31**. It should be noted that the 1-hour maximum annual average ground level concentrations (100^{th} percentile) at each receptor and grid maximum concentrations (100^{th} percentile) were adopted in this sensitivity assessment as these were considered to represent worst-case off-site human exposure conditions. Dust deposition rates (as mg/m^2/year) for selected CoPC (based on bioaccumulation potential) are based the anticipated at source concentrations. It is noted that as the dust deposition rates are an annual average, they are the same as those used for the 24-hour Scenario 1 assessment (**Section 6.1**).

The Scenario 1 1-hour and grid maximum ground level concentrations and dust deposition rates are presented in **Table 31** and **Appendix B**.

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Table 31 Exposure Point Concentrations used in the Scenario 1 Assessment (1-hour Maximum Concentrations)

CoPC (a)	1-hour Maximum Concentration in Air (µg/m^3)				Dust Deposition Rate (mg/m^2/year)			
	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum	Off-site resident	Off-site recreational user	Off-site commercial worker	Grid Maximum
arsenic	1.57E-04	1.15E-04	1.46E-04	2.27E-04	2.10E-05	2.64E-06	5.78E-06	3.05E-05
cadmium	1.86E-03	1.25E-03	1.75E-03	3.03E-03	2.47E-04	3.03E-05	6.89E-05	3.66E-04
chromium	1.93E-03	1.34E-03	1.80E-03	3.03E-03	2.58E-04	3.19E-05	7.15E-05	3.79E-04
lead	7.43E-03	4.97E-03	6.97E-03	1.21E-02	9.85E-04	1.20E-04	2.75E-04	1.46E-03
mercury	1.29E-02	1.34E-02	1.41E-02	1.45E-02	1.83E-03	2.34E-04	3.85E-04	1.89E-03
nickel	1.88E-03	1.27E-03	1.75E-03	3.03E-03	2.50E-04	3.06E-05	6.95E-05	3.69E-04
selenium	3.49E-04	2.30E-04	3.29E-04	5.76E-04	4.61E-05	5.62E-06	1.29E-05	6.85E-05
vanadium	2.38E-04	1.58E-04	2.25E-04	3.94E-04	3.16E-05	3.84E-06	8.81E-06	4.68E-05
dioxins and furans	3.09E-09	3.22E-09	3.38E-09	3.48E-09	1.70E-09	5.19E-10	7.13E-10	1.92E-09

(a) As discussed in **Section 4.9**, those CoPC that were considered to be bioaccumulative are assessed via multiple exposure pathways.

A significant proportion of house dust can be attributed to soil particles that have been tracked into the indoor environment from outdoors. enHealth (2012) consider that 50% of the indoor dust is derived from the site soil, in accordance with the recommendations made by US EPA (2008; 2011). However, in this assessment AECOM has conservatively assumed that the concentration of vapours and particulates inside a building was 100% of the level predicted in the outside air.

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8.8.2 Human Behavioural Exposure Parameters

Human behavioural exposure parameters adopted in this sensitivity assessment were consistent with the 1-hour modelling for Scenario 1. Refer to **Section 6.3** for adopted human behavioural exposure parameters.

8.8.3 Inhalation Pathway Assessment

The risk calculation results are presented in **Appendix I**.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for vapour inhalation is presented in **Table 32**.

Table 32 Risk Characterisation Summary – Inhalation Exposure Pathway for Scenario 1

Receptor and Exposure Pathway	Adult	Child
	Threshold (HI)	Threshold (HI)
Off-site Receptors – 1-Hour Maximum Ground Level Concentrations		
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site resident**	0.69	0.69
Inhalation of vapour and particulates in outdoor air by an **off-site recreational user**	0.04	0.04
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	0.16	-
Off-site Receptors – Grid Maximum Ground Level Concentrations		
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site resident**	**1.08**	**1.08**
Inhalation of vapour and particulates in outdoor air by an **off-site recreational user**	0.09	0.09
Inhalation of vapour and particulates in indoor and outdoor air by an **off-site commercial worker**	0.27	-

n/a – not assessed

Bold text indicates an exceedance of the adopted risk acceptability criterion.

As presented in **Table 32**, the calculated risk estimates for the inhalation of vapour and particulates by off-site residents, recreational users and commercial workers using the 1-hour maximum concentrations were below the adopted acceptable hazard index of 1.0 for threshold compounds. Additionally, the calculated risk estimates for the inhalation of vapour and particulates by off-site recreational users and commercial workers using the grid maximum concentrations were below the adopted acceptable hazard index of 1.0 for threshold compounds.

The calculated risk estimates for the inhalation of vapour and particulates by off-site residents using the grid maximum concentrations were slightly above the adopted acceptable hazard index of 1.0 for threshold compounds. However, this scenario is considered to be overly conservative i.e. a resident exposed to the modelled 1-hour maximum concentration of all CoPC, for 24 hours a day, 365 days a year for 30 years, and is unlikely to be realised. Additionally, it should be noted that the grid maximum

location was identified on commercial/industrial land and not residential land (as noted in **Section 4.3.3**).

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from vapour and particulates emitted from the Site were considered low and acceptable.

8.8.4 Multiple Exposure Pathway Assessment

As discussed in **Section 8.8.1**, the dust deposition rates are based on an annual average and therefore were the same as those used for the 24-hour Scenario 1 assessment. Therefore the multiple exposure pathway assessment risk estimates remain unchanged (see **Appendix F** and **Appendix H**), excluding the risk estimate calculated for the inhalation of vapour and particulates in indoor and outdoor air.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for the 1-hour maximum multiple exposure pathway assessment is presented in **Table 33**.

Table 33 Risk Characterisation Summary – Multiple Exposure Pathways for Scenario 1

Receptor and Exposure Pathway	1-Hour Maximum GLC		Grid Maximum GLC	
	Adult	Child (a)	Adult	Child (a)
	Threshold (HI)	Threshold (HI)	Threshold (HI)	Threshold (HI)
Off-site Residents				
Inhalation of vapour and particulates in indoor and outdoor air	6.90E-01	6.90E-01	**1.08E+00**	**1.08E+00**
Incidental ingestion of surficial soils	7.5E-06	7.0E-05	8.4E-06	7.8E-05
Dermal contact with surficial soils	6.8E-06	1.4E-05	7.2E-06	1.4E-05
Inhalation of surficial soil-derived dust in indoor and outdoor air	3.1E-06	3.1E-06	4.4E-06	4.4E-06
Incidental ingestion of lead in soil/dust	8.5E-07	Refer to IEUBK Model	1.3E-06	Refer to IEUBK Model
Inhalation of lead in indoor and outdoor air	3.3E-07	Refer to IEUBK Model	4.8E-07	Refer to IEUBK Model
Ingestion of breast milk by an infant	-	7.2E-01	-	7.7E-01
Ingestion of home-grown eggs	3.0E-06	8.0E-06	3.1E-06	8.2E-06
Ingestion of home-grown fruit and vegetables	1.8E-04	9.3E-04	2.0E-04	9.9E-04
Total Risk Estimates	*0.69*	***1.41***	***1.08***	***1.85***

Receptor and Exposure Pathway	1-Hour Maximum GLC		Grid Maximum GLC	
	Adult	Child (a)	Adult	Child (a)
	Threshold (HI)	Threshold (HI)	Threshold (HI)	Threshold (HI)
Off-site Recreational User				
Inhalation of vapour and particulates in outdoor air	4.09E-02	4.09E-02	9.04E-02	9.04E-02
Incidental ingestion of surficial soils	5.7E-07	5.4E-06	4.2E-06	3.9E-05
Dermal contact with surficial soils	1.2E-06	2.5E-06	7.2E-06	1.4E-05
Inhalation of surficial soil-derived dust in outdoor air	1.9E-08	1.9E-08	2.2E-07	2.2E-07
Incidental ingestion of lead in soil/dust	5.2E-08	Refer to IEUBK Model	6.3E-07	Refer to IEUBK Model
Inhalation of lead in dust in outdoor air	2.0E-09	Refer to IEUBK Model	2.4E-08	Refer to IEUBK Model
Total Risk Estimates	*0.041*	*0.041*	*0.090*	*0.091*
Off-site Commercial Workers				
Inhalation of vapour and particulates in indoor and outdoor air	1.62E-01	-	2.67E-01	-
Incidental ingestion of surficial soils	9.4E-07	-	4.2E-06	-
Dermal contact with surficial soils	1.1E-06	-	4.4E-06	-
Inhalation of surficial soil-derived dust in indoor and outdoor air	3.4E-07	-	1.8E-06	-
Incidental ingestion of lead in soil/dust	1.2E-07	-	6.3E-07	-
Inhalation of lead in dust in indoor and outdoor air	3.6E-08	-	1.9E-07	-
Total Risk Estimates	*0.16*	-	*0.27*	-

(a) Refer to IEUBK model (**Appendix H**) for child risks associated with lead.

(b) Refer to **Appendix F** for models associated with dust deposition and calculated soil concentrations i.e. all pathways excluding inhalation of vapour.

Bold text indicates an exceedance of the adopted risk acceptability criterion.

As presented in **Table 33**, hazard indices for the multiple exposure pathway assessment by off-site residents, recreational users and commercial workers were typically below the adopted acceptable hazard index of 1.0. The calculated risk estimates for the inhalation of vapour and particulates by off-site residents using the grid maximum concentrations were slightly above the adopted acceptable hazard index of 1.0 for threshold compounds, as discussed in **Section 8.8.3**.

Additionally, the cumulative risk estimate calculated for an off-site resident child using the 1-hour maximum concentrations were slightly above the adopted acceptable hazard index of 1.0 for threshold compounds, The potential risk was predominantly driven by the inhalation of heavy metals (e.g. cadmium and nickel) and ingestion of breast milk containing cadmium by infants. However, AECOM notes that the potential risk is unlikely to be realised based on the following:

- The EPCs adopted in the Scenario 1 sensitivity assessment are the maximum 1-hour average concentrations that were predicted over an entire year. Therefore, it is unlikely that off-site residents would be exposed to these concentrations for 24 hours a day, 365 days a year for 30 years;
- The approach adopted to calculate the risk via ingestion of breast milk by an infant is considered to be overly conservative based on the following:
    - It has been assumed that a breast feeding mother is cumulatively exposed to CoPC via all exposure pathways; and
    - It has been assumed that 90% of what is inhaled/ingested by a mother is stored in fat. However, it is understood that cadmium is relatively poorly absorbed (2 to 7%) into the body (WHO, 2011) and cadmium levels in human milk are 5-10% of levels in blood (ATSDR, 2012).

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from multiple exposure pathways were considered low and acceptable.

Based on the modelled 1-hour maximum concentration of lead in air (0.00743 µg/m^3) and soil (0.0014 mg/kg) and the adopted exposure parameters for off-site child residents, blood lead concentrations were reported to range from 0.7 µg/dL (5 to 7 year old) and 1.5 µg/dL (0.5 to 1 year old). Additionally, based on the modelled grid maximum concentration of lead in air (0.012 µg/m^3) and soil (0.002 mg/kg), blood lead concentrations were reported to range from 0.7 µg/dL (4 to 7 year olds) and 1.5 µg/dL (0.5 to 1 year old). Overall, blood lead concentrations were below the adopted baseline blood lead concentration (5 µg/dL) for children up to 7 years of age. Therefore, the Site is not considered to present a risk to the off-site child residential receptors.

9.0 Conclusions

AECOM Australia Pty Ltd (AECOM) was engaged by Weston Aluminium Pty Ltd (WA) to undertake a Human Health Risk Assessment (HHRA) for a proposed thermal waste processing facility at their existing aluminium recycling and refining facility located at 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW (the Site). The Site location is shown on **Figure F1** (**Appendix A**), while the Site setting and surrounding land uses is illustrated on **Figure F2** (**Appendix A**).

The objective of the HHRA is to assess potential future human health risks to surrounding residents, commercial workers and recreational users resultant from possible exposure to Site-derived environmental hazards associated with the proposed thermal processing facility operation. This included consideration of air quality (i.e. vapour and particulates), noise and vibration, odour and soil and water.

A total of four future operating scenarios were considered as part of the HHRA i.e. Scenario 1 (Normal Operating Conditions), Scenario 2 (Stack Emission Limits), Scenario 3 (Battery Recycling Facility) and Scenario 4 (Emergency Bypass Operations).

The CoPC considered as part of this HHRA were sourced from publically available emission factor sources (AP42), stack emission date and EPLs from similar facilities and expert advice and are listed in **Section 4.4**.

All air quality data used in the HHRA were derived from dispersion modelling provided in the AQIA (AECOM, 2017c) prepared to support the application for development consent. AECOM has adopted maximum 24-hour average concentrations reported over a year in the chronic health assessments (i.e. Scenario 1 and Scenario 2) and maximum 1-hour average concentrations reported over a year in the acute health assessments (i.e. Scenario 2 and Scenario 4). Additionally, AECOM has undertaken sensitivity assessments to assess chronic risks associated with Scenario 1 and Scenario 3 using maximum 1-hour and 24-hour concentrations, respectively. For both the main and sensitivity assessments, annual dust deposition rates derived from the dispersion modelling were used.

The following human receptors were considered in this HHRA based on the surrounding land uses:

- Off-site low-density residents;
- Off-site commercial workers; and
- Off-site recreational users of open space.

Pathways that have been considered to be complete for the Project and therefore were assessed in the HHRA include:

- Inhalation Pathway Assessment:
  - Inhalation of vapours and particulates in indoor and outdoor air (acute and chronic assessments).
- Multiple Pathway Assessment:
  - Inhalation of vapours and particulates in indoor and outdoor air (acute and chronic assessments);
  - Inhalation of surficial soil-derived dust in indoor and outdoor air (chronic assessment);
  - Direct contact (i.e. incidental ingestion and dermal contact) with deposited dust (chronic assessment);
  - Ingestion of home-grown fruit and vegetables following dust deposition on soil and plants (chronic assessment);
  - Ingestion of eggs from home-grown chickens residing on the deposited dust (chronic assessment); and
  - Ingestion of breast milk by infants based on mother's intake and maternal transfer (chronic assessment).

The estimated acute and chronic health risks to off-site residents (including an adult, child and infant), recreational users (adult and child) and commercial workers (adult) from all exposure pathways were considered low and acceptable excluding:

- Scenario 1 (Chronic Assessment – Sensitivity Analysis): Inhalation of vapour and particulates in indoor and outdoor air by an off-site resident (adult and child) using 1-hour grid maximum ground level concentrations and inhalation of vapour and particulates in indoor and outdoor air and ingestion of breast milk by an off-site resident (child/infant) using 1-hour maximum ground level concentrations. This scenario is considered to be overly conservative i.e. a resident exposed to the modelled 1-hour maximum concentration of all CoPC, for 24 hours a day, 365 days a year for 30 years, and is unlikely to be realised. AECOM notes that chronic human health risks under Scenario 1 using 24-hour maximum ground level concentrations were low and acceptable.
- Scenario 2 (Chronic Assessment): Inhalation of vapour and particulates in indoor and outdoor air by an off-site resident and ingestion of breast milk by an infant using 24-hour maximum and grid maximum ground level concentrations. The potential risk to off-site residents was predominantly driven by the inhalation of cadmium and nickel in air and consumption of cadmium contained in breast milk. However, AECOM notes that the potential risk is unlikely to be realised based on the following:
    - Stack concentrations for heavy metals in Scenario 2 were calculated using the proposed Type 1 and Type 2 Substances EPL stack concentration limit of 1 mg/m3 and dividing the total stack concentration by the total number of heavy metals (13). These values were then used to calculate the relevant stack emission rate based on stack emission data. This approach is considered to be conservative and resulted in an overestimated of ground level impacts, especially when compared to Scenario 1.
    - The EPCs adopted in Scenario 2 are the maximum 24-hour average concentrations that were predicted over an entire year. Therefore, it is unlikely that off-site residents would be exposed to these concentrations for 24 hours a day, 365 days a year for 30 years.
    - Scenario 2 operating conditions are unlikely to ever occur, and if they do, it would only be for short periods of time. Therefore, a chronic health risk under these operating conditions is unlikely to be realised.
    - It was assumed that a breast feeding mother is cumulatively exposed to CoPC via all exposure pathways.
    - It was assumed that 90% of what is inhaled/ingested by a mother is stored in fat. However it is understood that cadmium is relatively poorly absorbed (2 to 7%) into the body (WHO, 2011) and cadmium levels in human milk are 5-10% of levels in blood (ATSDR, 2012).

While risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

These conclusions should be read in conjunction with the data gaps outlined in **Section 3.5**, uncertainties in **Section 8.0** and limitations in **Section 10.0**.

10.0 Limitations

This document was prepared for the sole use of Weston Aluminium Pty Ltd. This party is the only intended beneficiary of our work. Any advice, opinions or recommendations contained in this document should be read and relied upon only in the context of the document as a whole and are considered current to the date of this document. Any other party should satisfy themselves that the scope of work conducted and reported herein meets their specific needs. AECOM cannot be held liable for third party reliance on this document, as AECOM is not aware of the specific needs of the third party.

This document was prepared for the purpose described herein and as agreed to by Weston Aluminium Pty Ltd. From a technical perspective, the subsurface environment at any site may present substantial uncertainty. It is a heterogeneous, complex environment, in which small subsurface features or changes in geologic conditions can have substantial impacts on water and chemical movement. Uncertainties may also affect source characterisation assessment of chemical fate and transport in the environment, assessment of exposure risks and health effects, and remedial action performance.

AECOM's professional opinions are based upon its professional judgement, experience and training. It is possible that additional testing and analysis might produce different results and/or different opinions. AECOM has limited its assessment to the scope agreed upon with it client. AECOM believes that its opinions are reasonably supported by the testing and analysis that have been done and that those opinions have been developed according to the professional standard of care for the environmental consulting profession in this area at this time. That standard of care may change and new methods and practices of exploration, testing, analysis and remediation may develop in the future, which might produce different results. AECOM's professional opinions contained in this document are subject to modification if additional information is obtained through further investigation, observations, or testing and analysis during any future assessment or remedial activities.

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11.0 References

ABS, 2014. *Australian Health Survey 2011-13*, National Nutrition and Physical Activity Survey.

AECOM, 2016. *Phase 1 Environmental Site Assessment,* as summarised in Section 15 of the Environmental Impact Statement (EIS), *Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 26 August 2016.

AECOM, 2017a. *Noise Impact Assessment, Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 11 April 2017.

AECOM, 2017b. *Preliminary Hazard Analysis (PHA), Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. 15 February 2017.

AECOM, 2017c. *Air Quality Impact Assessment, Weston Aluminium Thermal Waste Processing Project*. AECOM Australia Pty Ltd. June 2017.

Airlabs Environmental (2015) *Request for Sectary's Environmental Assessment Requirements (SEARs): Proposal to Install Medical and Other Waste Processing Equipment at Weston Aluminium, Kurri Kurri Facility, NSW*, Airlabs Environmental Pty Ltd, Loganholme QLD.

ANZECC, 2000. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*. Australian and New Zealand Environment and Conservation Council (ANZECC) and Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ), October 2000.

ATSDR, various dates. *Toxicological profiles* . Agency for Toxic Substances and Disease Registry. https://www.atsdr.cdc.gov/toxprofiles/index.asp

California EPA, 2002. Ambient Air Quality Standards. California Environmental Protection Authority. https://www.arb.ca.gov/research/aaqs/caaqs/caaqs.htm

Cessnock Local Environmental Plan (LEP) 2011. Last updated 10 June 2016. Accessed: http://www.legislation.nsw.gov.au/#/view/EPI/2011/702/maps

DEC, 2005. *Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales,* Department of Environment and Conservation, Sydney, NSW, Australia

DEH, 2004. *National Dioxins Program, Dioxins in Australia: A Summary of the Findings of Studies Conducted from 2001 to 2004*. Australian Government Department of the Environment and Heritage, Canberra.

DEH, 2005. *National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia*. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra.

Domenico, P. 1987 *An analytical model for multidimensional transport of a decaying contaminant species, Journal of Hydrology 91.*

Earth Tech 2000 A User's Guide for the CALPUFF Dispersion Model, Earth Tech, Inc, January 2000.

enHealth, 2012a. *Environmental Health Risk Assessment: Guidelines for Assessing Human Health Risks from Environmental Hazards.* Department of Health and Ageing and enHealth Council, Commonwealth of Australia. June 2012.

enHealth, 2012b. *Australian Exposure Factor Guide, Department of Health and Ageing and enHealth Council, Commonwealth of Australia*. June 2012.

Environment Protection Act, 1970 (EPA, 1970).

Friebel, E. and Nadebaum, P., 2011. *Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document.* CRC CARE Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.

Hattemer-Frey, H.A and Travis, C. 1991. Health Effects of Municipal Waste Incineration, CRC Press, Florida.

NEPC, 2011. *National Environmental Protection (Air Toxics) Measure*. 16 September 2011.

NEPC, 2013. *National Environment Protection (Assessment of Site Contamination) Measure*. National Environment Protection Council. May 2013

NHMRC, 1999. *Toxicity Assessment for Carcinogenic Soil Contaminants*. National Health and Medical Research Council. 1999.

NHMRC, 2015. *NHMRC Statement: Evidence on the Effects of Lead on Human Health.* National Health and Medical Research Council. May, 2015.

NHMRC, 2016. National Water Quality Management Strategy, Australian Drinking Water Guidelines 6 2011, Version 3.2. National Health and Medical Research Council. Updated February 2016.

NSW EPA, 2010. Protection of the Environment Operations (Clean Air) Regulation 2010 (POEO Clean Air Regulation). 1 October 2015.

Pocock et al, 1983. *Effects of tap water lead, water hardness, alcohol and cigarettes on blood lead concentrations.* Pocock S. J., Sharper A. G., Walker, M., Wale, C. J., Clayton, B., Delves, T., Lacey, R. F., Packham, R. F. and Powell, P. Journal Epidemiology, Comm. Health 37: 1-7.

Sherlock et al, 1984. *Reduction in Exposure to Lead from Drinking Water and its Effect on Blood Lead Concentrations.* Sherlock, J. C., Ashby, D., Delves, H. I., Forbes, G. I., Moore, M. R., Patterson, W. J., Pocock, S. J., Quinn, M. J., Richards, W. N and Wilson, T. S. Human Toxicology. 3: 383-392.

Stevens B, 1999. *2,3,7,8-Tetrachlorobenzo-p-Dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health*. Presented in: Health Effects of Municipal Waste Incineration, Edited by Holly A, Hattemer-Frey and Curtis Travis, CRC Press, 1991.

US EPA, 1989. *Risk Assessment Guidance for Superfund Volume I – Human Health Evaluation Manual Part A.* United States Environmental Protection Agency Office of Emergency and Remedial Response. Washington DC, Revised December 1989.

US EPA, 1991. *Risk Assessment Guidance for Superfund , Volume I: Human Health Evaluation Manual. (Part B, Development of Risk-Based Preliminary Remediation Goals). Interim*, Office of Emergency and Remedial Response, United States Environment Protection Agency (US EPA), Washington DC.

US EPA, 1995. *Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources*. AP-42, Fifth Edition. U.S. Environmental Protection Agency, 1995.

US EPA, 2001. *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites*. United States Environment Protection Agency (US EPA), OSWER Publication 9355.4-24, March 2001.

US EPA, 2003. *Region/ORD Workshop on Inhalation Risk Assessment: A Superfund Focus. Summary Report*. September 9-12, 2003. Washington, DC.

US EPA, 2004. *Risk Assessment Guidance for Superfund (RAGS), Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment).* US Environmental Protection Agency Office of Superfund Remediation and Technology Innovation. Washington DC. July 2004.

US EPA, 2005. *Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities.* US Environmental Protection Agency Office of Solid Waste. EPA530-R-05-006. September 2005.

USEPA, 2007. User's Guide for the Integrated Exposure Uptake Biokinetic Model for Lead in Children (IEUBK) Windows ®. Prepared for the Technical Review Workgroup for Metals and Asbestos (TRW). United States Environmental Protection Agency. May 2007.

US EPA, 2009. *Risk Assessment Guidance for Superfund (RAGS) Volume 1: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*. Office of Superfund and Technology Innovation. US Environmental Protection Agency. Washington DC. EPA-540-R-070-002. OSWER 9285.7-82. January 2009.

US EPA, 2012b. *An introduction to Indoor Air Quality (IAQ) – Volatile Organic Compounds (VOCs)*. Available at: http://www.epa.gov/iaq/voc.html. Accessed March 2016.

US EPA, 2016. *Integrated Risk Information System.* Electronic database maintained by United States Environmental Protection Agency National Center for Environmental Assessment (NCEA). Available at: http://epa.gov/iris.

US EPA, 2016. *Regional Screening Levels for Chemical Contaminants at Superfund Sites.* Available on-line at: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm. Tables last updated May 2016.

WHO, 2000a. Guidelines for Air Quality. Geneva. World Health Organisation. 2000.

WHO, 2000b. *Air Quality Guidelines for Europe*. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.

WHO, 2010. *WHO Guidelines for Indoor Air Quality*, Selected Pollutants. Geneva 2010.

WHO, 2011. *Guidelines for Drinking-water Quality.* Fourth Edition. World Health Organisation. July 2011.

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Appendix A

Figures

Appendix A Figures

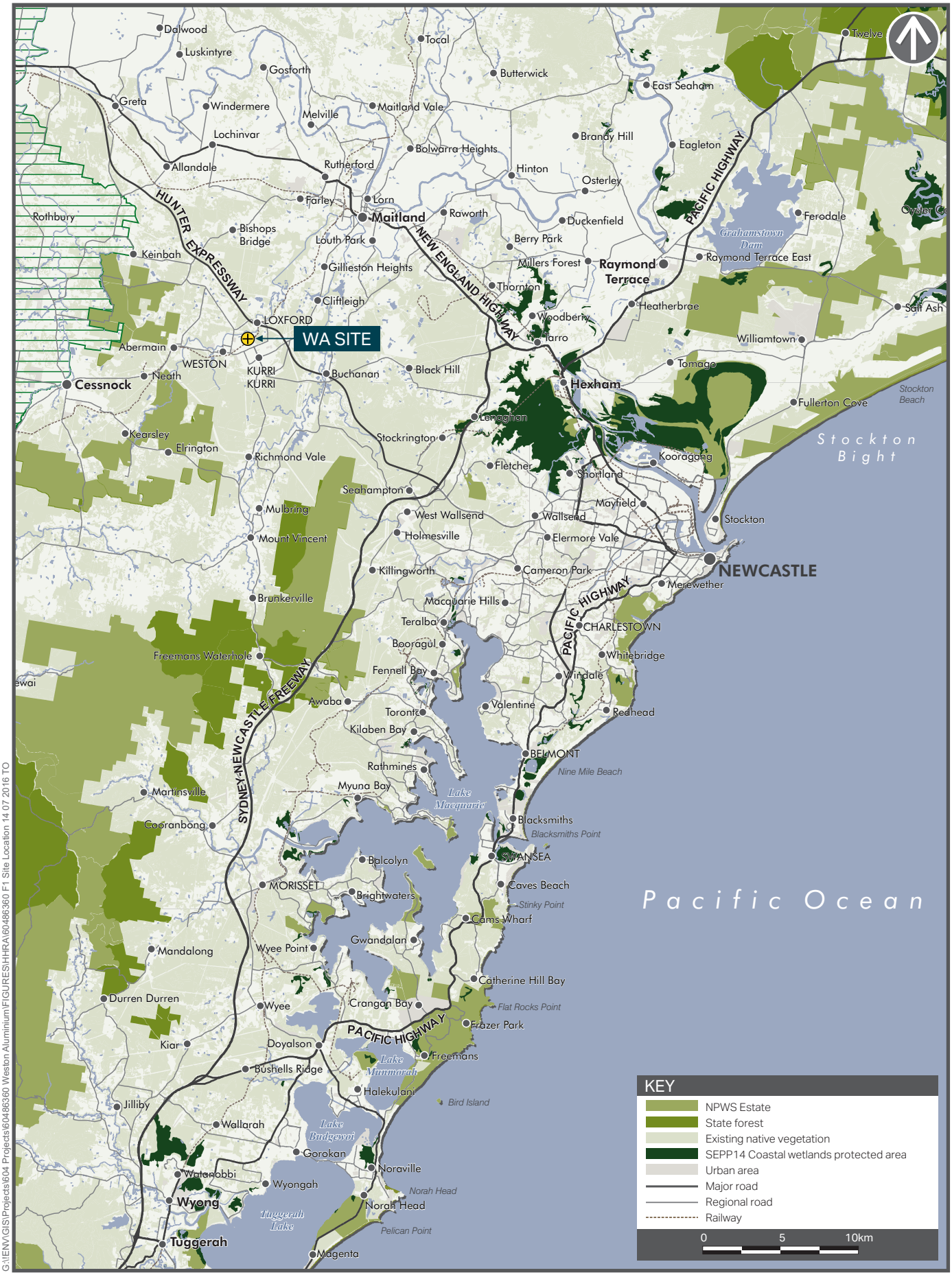
Figure F1 Site Location

Figure F2 Site Setting and Surrounding Land Uses

Figure F3 Existing Site Layout

Figure F4 Proposed Site Layout

Figure F5 Human Receptor Locations



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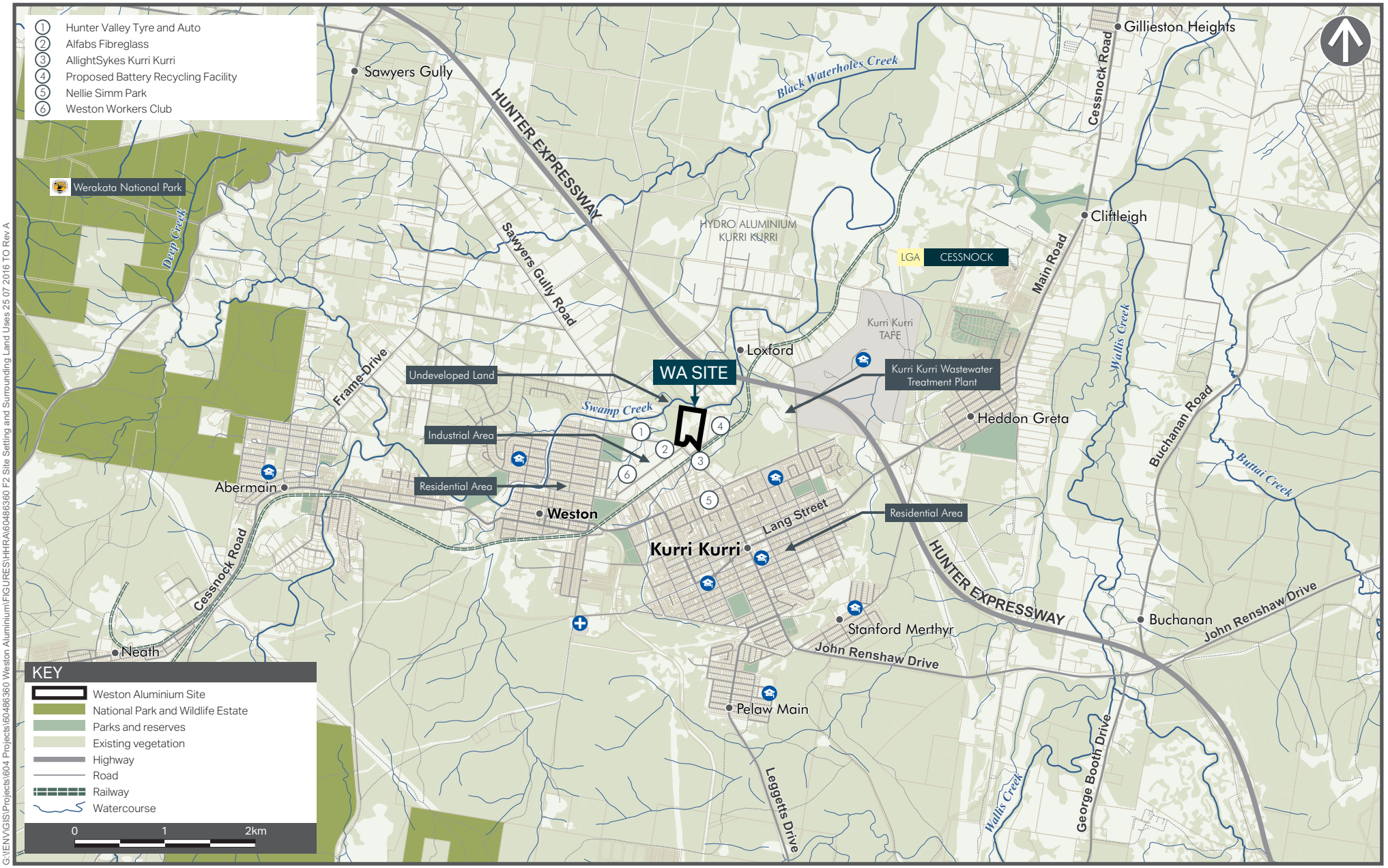
SITE LOCATION

Human Health Risk Assessment
Weston Aluminium Recycling Facility

FIGURE 1



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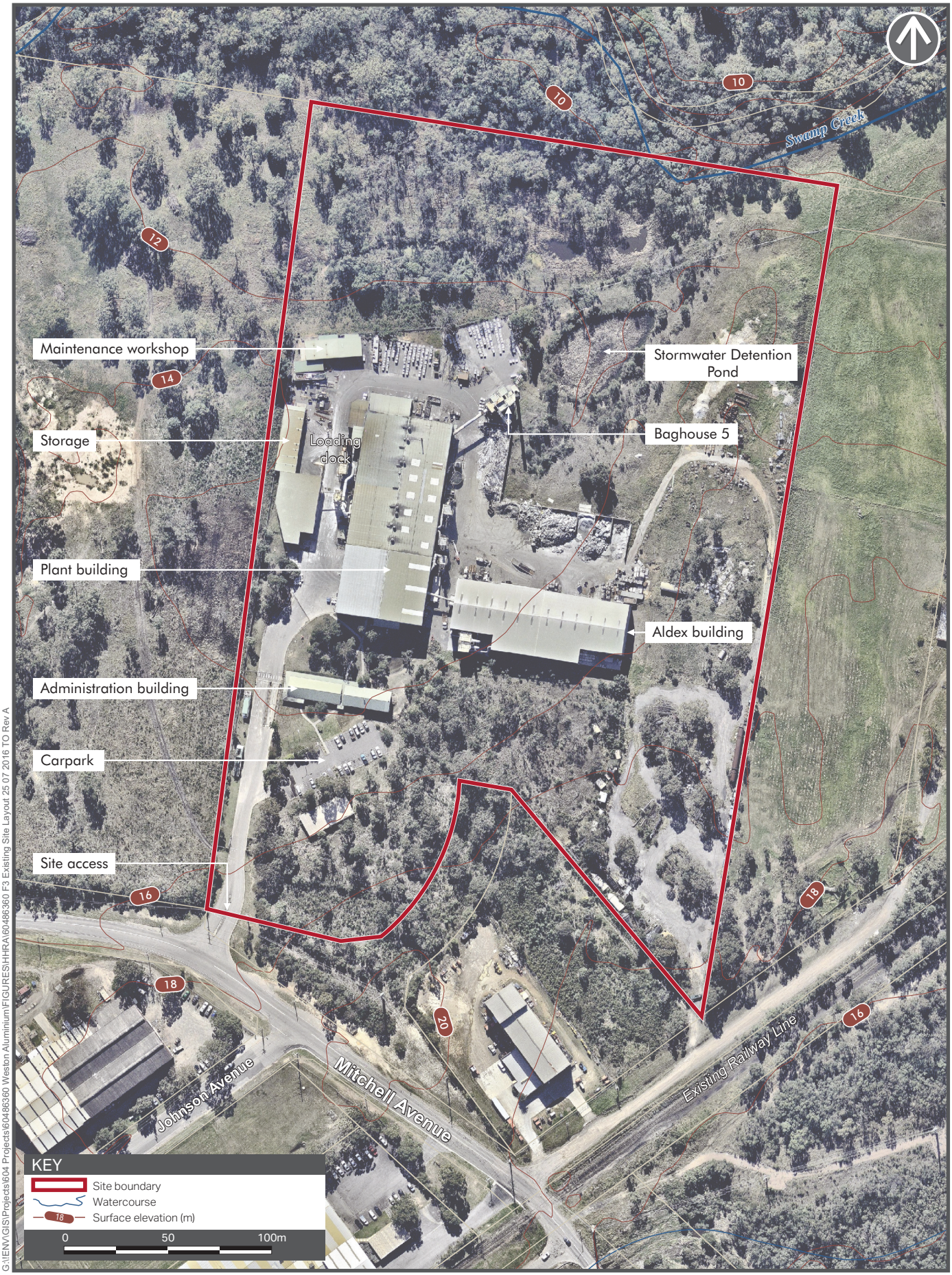
SITE SETTING AND SURROUNDING LAND USE

Human Health Risk Assessment
Weston Aluminium Recycling Facility

FIGURE 2



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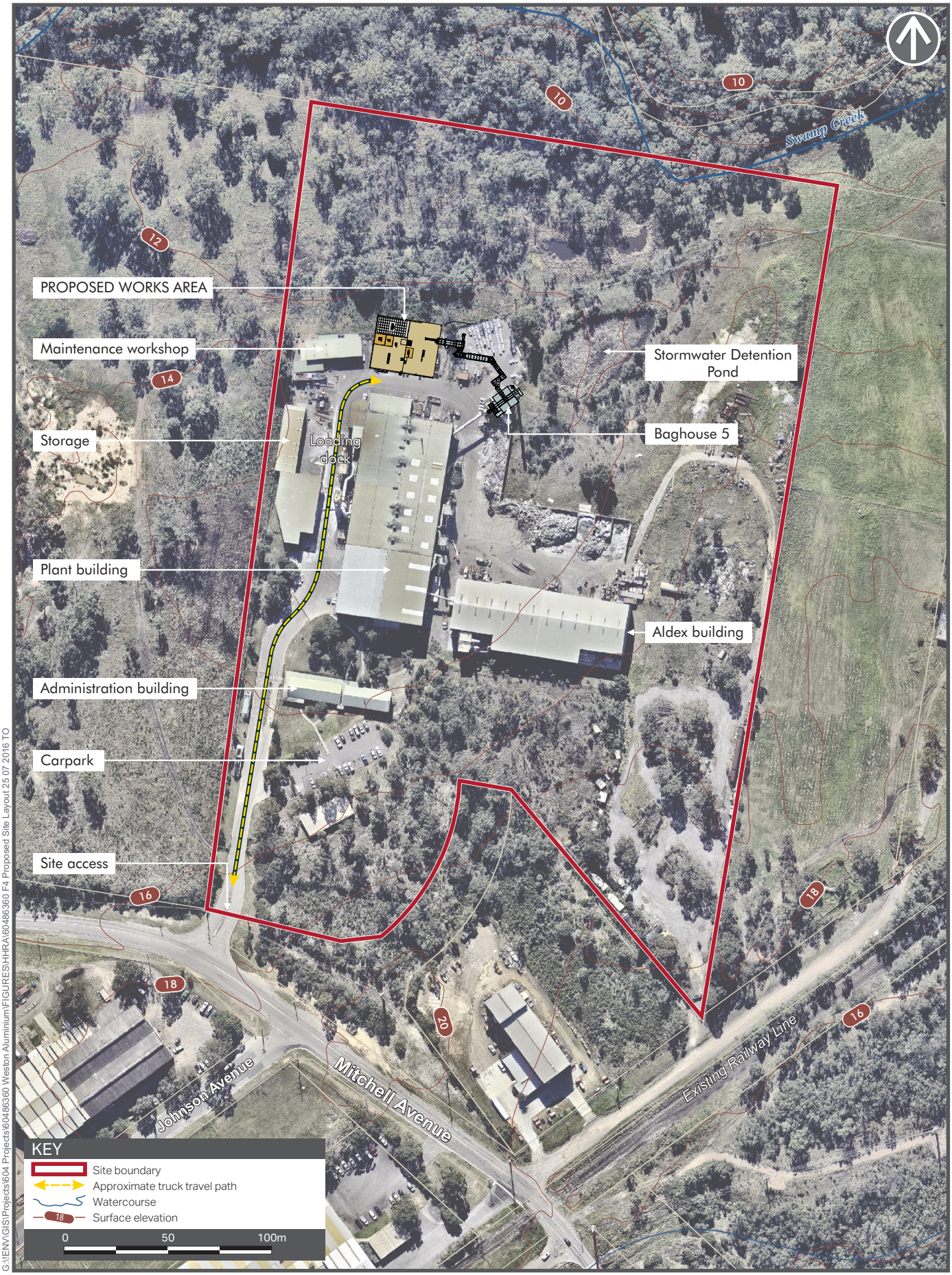
CURRENT SITE LAYOUT

Human Health Risk Assessment
Weston Aluminium Recycling Facility

FIGURE 3



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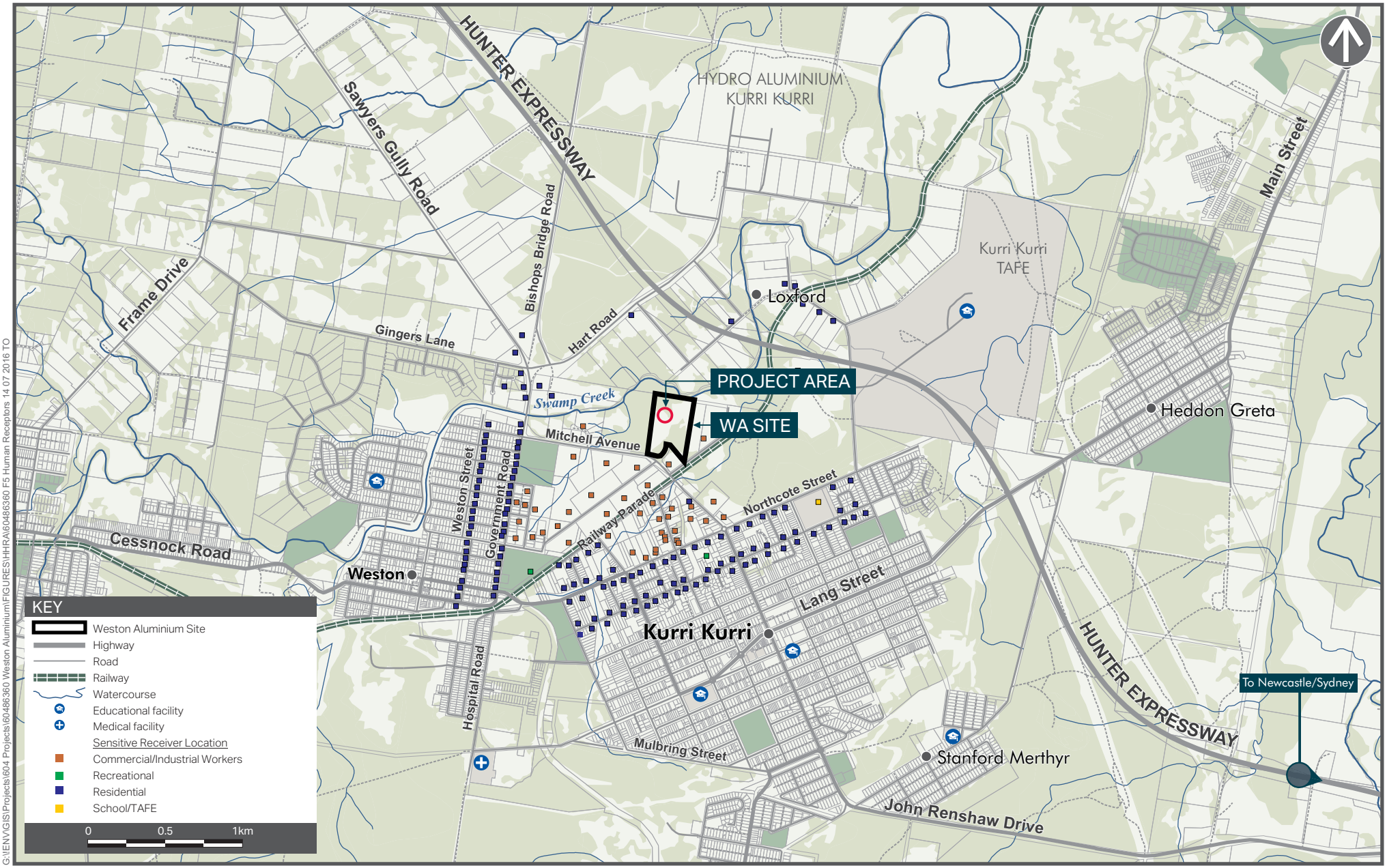
PROPOSED SITE LAYOUT

Human Health Risk Assessment
Weston Aluminium Recycling Facility

FIGURE 4



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HUMAN RECEPTORS

Human Health Risk Assessment
Weston Aluminium Recycling Facility

FIGURE 5

Appendix B

Air Quality Data

1. Air Quality Data

1.1 Scenario 1 Air Quality Results

Scenario 1 Results

Receptor		As		Be		Cd		Cr		Cu		Cobalt		Pb		Mn		Hg		Ni		Se		Sn		Va		Sb		HF		VOC	
	Units as $\mu g/m^3$	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr
	Recreational Max	1.15E-04	8.36E-06	2.66E-05	1.92E-06	1.25E-03	9.12E-05	1.34E-03	9.76E-05	1.76E-03	1.27E-04	2.91E-05	2.12E-06	4.97E-03	3.62E-04	6.38E-03	4.62E-04	1.34E-02	9.55E-04	1.27E-03	9.26E-05	2.30E-04	1.68E-05	6.67E-05	4.87E-06	1.58E-04	1.15E-05	2.50E-05	2.50E-05	6.79E-01	1.21E-01	1.44E+00	2.15E-01
	Commercial/Industrial Max	1.46E-04	1.94E-05	3.08E-05	4.04E-06	1.75E-03	2.34E-04	1.80E-03	2.42E-04	2.01E-03	2.63E-04	4.16E-05	5.52E-06	6.97E-03	9.31E-04	7.95E-03	1.06E-03	1.41E-02	1.47E-03	1.75E-03	2.35E-04	3.29E-04	4.37E-05	9.53E-05	1.27E-05	2.25E-04	2.99E-05	4.43E-05	4.43E-05	2.81E+00	2.80E-01	7.91E+00	3.85E-01
	Residential Max	1.57E-04	2.51E-05	3.35E-05	5.26E-06	1.86E-03	2.99E-04	1.93E-03	3.10E-04	2.19E-03	3.44E-04	4.40E-05	7.06E-06	7.43E-03	1.19E-03	8.57E-03	1.37E-03	1.29E-02	2.12E-03	1.88E-03	3.02E-04	3.49E-04	5.59E-05	1.01E-04	1.62E-05	2.38E-04	3.82E-05	6.17E-05	6.17E-05	1.19E+00	2.34E-01	3.34E+00	3.90E-01
	Grid Max	2.27E-04	3.73E-05	4.15E-05	7.53E-06	3.03E-03	4.92E-04	3.03E-03	4.92E-04	2.70E-03	4.88E-04	7.28E-05	1.18E-05	1.21E-02	1.97E-03	1.21E-02	2.02E-03	1.45E-02	2.20E-03	3.03E-03	4.92E-04	5.76E-04	9.34E-05	1.67E-04	2.70E-05	3.94E-04	6.39E-05	7.32E-05	7.32E-05	4.83E+00	4.68E-01	8.90E+00	7.16E-01
	Background - Beresfield NSW for 2015																																
	Recreational Max with Background	1.15E-04	8.36E-06	2.66E-05	1.92E-06	1.25E-03	9.12E-05	1.34E-03	9.76E-05	1.76E-03	1.27E-04	2.91E-05	2.12E-06	4.97E-03	3.62E-04	6.38E-03	4.62E-04	1.34E-02	9.55E-04	1.27E-03	9.26E-05	2.30E-04	1.68E-05	6.67E-05	4.87E-06	1.58E-04	1.15E-05	2.50E-05	2.50E-05	6.79E-01	1.21E-01	1.44E+00	2.15E-01
	Commercial/Industrial Max with Background	1.46E-04	1.94E-05	3.08E-05	4.04E-06	1.75E-03	2.34E-04	1.80E-03	2.42E-04	2.01E-03	2.63E-04	4.16E-05	5.52E-06	6.97E-03	9.31E-04	7.95E-03	1.06E-03	1.41E-02	1.47E-03	1.75E-03	2.35E-04	3.29E-04	4.37E-05	9.53E-05	1.27E-05	2.25E-04	2.99E-05	4.43E-05	4.43E-05	2.81E+00	2.80E-01	7.91E+00	3.85E-01
	Residential Max with Background	1.57E-04	2.51E-05	3.35E-05	5.26E-06	1.86E-03	2.99E-04	1.93E-03	3.10E-04	2.19E-03	3.44E-04	4.40E-05	7.06E-06	7.43E-03	1.19E-03	8.57E-03	1.37E-03	1.29E-02	2.12E-03	1.88E-03	3.02E-04	3.49E-04	5.59E-05	1.01E-04	1.62E-05	2.38E-04	3.82E-05	6.17E-05	6.17E-05	1.19E+00	2.34E-01	3.34E+00	3.90E-01
	Grid Max with Background	2.27E-04	3.73E-05	4.15E-05	7.53E-06	3.03E-03	4.92E-04	3.03E-03	4.92E-04	2.70E-03	4.88E-04	7.28E-05	1.18E-05	1.21E-02	1.97E-03	1.21E-02	2.02E-03	1.45E-02	2.20E-03	3.03E-03	4.92E-04	5.76E-04	9.34E-05	1.67E-04	2.70E-05	3.94E-04	6.39E-05	7.32E-05	7.32E-05	4.83E+00	4.68E-01	8.90E+00	7.16E-01
2602	Recreational	8.15E-05	7.69E-06	1.81E-05	1.64E-06	9.92E-04	9.03E-05	1.02E-03	9.42E-05	1.19E-03	1.07E-04	2.35E-05	2.12E-06	3.96E-03	3.59E-04	4.48E-03	4.20E-04	7.91E-03	5.77E-04	9.99E-04	9.11E-05	1.86E-04	1.68E-05	5.38E-05	4.87E-06	1.27E-04	1.15E-05	1.81E-05	1.81E-05	6.79E-01	7.45E-02	1.44E+00	1.82E-01
2603	Recreational	1.15E-04	8.36E-06	2.66E-05	1.92E-06	1.25E-03	9.12E-05	1.34E-03	9.76E-05	1.76E-03	1.27E-04	2.91E-05	2.12E-06	4.97E-03	3.62E-04	6.38E-03	4.62E-04	1.34E-02	9.55E-04	1.27E-03	9.26E-05	2.30E-04	1.68E-05	6.67E-05	4.85E-06	1.58E-04	1.15E-05	2.50E-05	2.50E-05	5.50E-01	1.21E-01	9.59E-01	2.15E-01
2604	Comercial/Industrial Workers	7.57E-05	7.60E-06	1.56E-05	1.66E-06	9.69E-04	8.83E-05	9.82E-04	9.17E-05	1.02E-03	1.09E-04	2.31E-05	2.10E-06	3.87E-03	3.53E-04	4.07E-03	4.16E-04	6.23E-03	6.60E-04	9.72E-04	8.88E-05	1.83E-04	1.66E-05	5.30E-05	4.81E-06	1.25E-04	1.14E-05	1.93E-05	1.93E-05	9.32E-01	9.46E-02	1.52E+00	1.36E-01
2605	Comercial/Industrial Workers	6.47E-05	8.29E-06	1.26E-05	1.53E-06	8.23E-04	1.10E-04	8.36E-04	1.10E-04	8.11E-04	9.74E-05	1.96E-05	2.63E-06	3.29E-03	4.38E-04	3.49E-03	4.43E-04	1.95E-03	2.85E-04	8.26E-04	1.10E-04	1.55E-04	2.08E-05	4.49E-05	6.02E-06	1.06E-04	1.42E-05	1.02E-05	1.02E-05	9.10E-01	2.44E-01	1.90E+00	1.23E-01
2606	Comercial/Industrial Workers	5.26E-05	1.35E-05	1.09E-05	2.90E-06	6.33E-04	1.57E-04	6.54E-04	1.64E-04	7.11E-04	1.90E-04	1.50E-05	3.70E-06	2.52E-03	6.26E-04	2.86E-03	7.37E-04	3.24E-03	1.07E-03	6.38E-04	1.59E-04	1.18E-04	2.93E-05	3.43E-05	8.47E-06	8.10E-05	2.00E-05	3.26E-05	3.26E-05	6.54E-01	1.62E-01	2.02E+00	2.03E-01
2607	Comercial/Industrial Workers	6.72E-05	9.64E-06	1.24E-05	1.97E-06	8.87E-04	1.17E-04	8.89E-04	1.21E-04	7.92E-04	1.28E-04	2.13E-05	2.78E-06	3.55E-03	4.68E-04	3.59E-03	5.23E-04	4.37E-03	8.50E-04	8.87E-04	1.18E-04	1.68E-04	2.20E-05	4.87E-05	6.37E-06	1.15E-04	1.51E-05	1.99E-05	1.99E-05	9.44E-01	1.76E-01	2.13E+00	9.72E-02
2608	Comercial/Industrial Workers	1.23E-04	1.81E-05	2.54E-05	3.71E-06	1.48E-03	2.21E-04	1.53E-03	2.28E-04	1.65E-03	2.41E-04	3.50E-05	5.24E-06	5.89E-03	8.82E-04	6.66E-03	9.83E-04	7.96E-03	9.77E-04	1.49E-03	2.23E-04	2.77E-04	4.15E-05	8.01E-05	1.20E-05	1.89E-04	2.84E-05	3.64E-05	3.64E-05	1.30E+00	1.77E-01	2.01E+00	2.35E-01
2609	Comercial/Industrial Workers	1.05E-04	9.66E-06	2.21E-05	1.95E-06	1.28E-03	1.19E-04	1.32E-03	1.22E-04	1.46E-03	1.26E-04	3.02E-05	2.82E-06	5.09E-03	4.75E-04	5.70E-03	5.23E-04	9.81E-03	7.70E-04	1.29E-03	1.20E-04	2.39E-04	2.23E-05	6.93E-05	6.47E-06	1.64E-04	1.53E-05	1.97E-05	1.97E-05	1.34E+00	1.37E-01	2.24E+00	2.18E-01
2610	Comercial/Industrial Workers	1.08E-04	9.32E-06	2.23E-05	1.90E-06	1.31E-03	1.14E-04	1.35E-03	1.17E-04	1.45E-03	1.24E-04	3.09E-05	2.69E-06	5.20E-03	4.53E-04	5.87E-03	5.05E-04	8.12E-03	9.76E-04	1.32E-03	1.14E-04	2.44E-04	2.13E-05	7.07E-05	6.17E-06	1.67E-04	1.46E-05	2.48E-05	2.48E-05	9.81E-01	1.40E-01	1.78E+00	2.95E-01
2611	Comercial/Industrial Workers	7.48E-05	8.40E-06	1.65E-05	1.89E-06	8.52E-04	9.91E-05	8.98E-04	1.02E-04	1.08E-03	1.25E-04	2.00E-05	2.34E-06	3.39E-03	3.95E-04	4.11E-03	4.63E-04	9.40E-03	8.80E-04	8.63E-04	9.98E-05	1.58E-04	1.86E-05	4.57E-05	5.37E-06	1.08E-04	1.27E-05	2.38E-05	2.38E-05	7.54E-01	1.56E-01	1.34E+00	2.89E-01
2612	Comercial/Industrial Workers	1.10E-04	9.84E-06	2.54E-05	1.99E-06	1.19E-03	1.21E-04	1.28E-03	1.24E-04	1.69E-03	1.29E-04	2.75E-05	2.87E-06	4.71E-03	4.82E-04	6.09E-03	5.33E-04	1.31E-02	6.29E-04	1.21E-03	1.22E-04	2.18E-04	2.27E-05	6.31E-05	6.57E-06	1.49E-04	1.55E-05	1.91E-05	1.91E-05	9.72E-01	2.29E-01	1.61E+00	3.19E-01
2613	Comercial/Industrial Workers	1.27E-04	1.80E-05	2.73E-05	3.89E-06	1.49E-03	2.10E-04	1.56E-03	2.19E-04	1.79E-03	2.55E-04	3.50E-05	4.92E-06	5.93E-03	8.34E-04	6.96E-03	9.87E-04	9.88E-03	1.47E-03	1.50E-03	2.12E-04	2.77E-04	3.90E-05	8.03E-05	1.13E-05	1.90E-04	2.67E-05	4.43E-05	4.43E-05	8.67E-01	1.51E-01	2.50E+00	2.60E-01
2614	Comercial/Industrial Workers	9.30E-05	1.47E-05	1.90E-05	3.12E-06	1.14E-03	1.73E-04	1.17E-03	1.81E-04	1.23E-03	2.04E-04	2.70E-05	4.08E-06	4.54E-03	6.90E-04	5.04E-03	8.02E-04	6.65E-03	1.07E-03	1.15E-03	1.75E-04	2.14E-04	3.23E-05	6.18E-05	9.35E-06	1.46E-04	2.21E-05	3.41E-05	3.41E-05	1.18E+00	1.25E-01	3.06E+00	2.19E-01
2615	Comercial/Industrial Workers	1.33E-04	1.23E-05	2.71E-05	2.65E-06	1.63E-03	1.44E-04	1.68E-03	1.50E-04	1.76E-03	1.74E-04	3.87E-05	3.37E-06	6.51E-03	5.72E-04	7.21E-03	6.74E-04	6.81E-03	9.84E-04	1.64E-03	1.45E-04	3.06E-04	2.67E-05	8.86E-05	7.73E-06	2.09E-04	1.83E-05	3.00E-05	3.00E-05	1.06E+00	1.27E-01	3.00E+00	2.15E-01
2616	Comercial/Industrial Workers	1.37E-04	1.07E-05	2.68E-05	2.26E-06	1.75E-03	1.26E-04	1.77E-03	1.31E-04	1.72E-03	1.48E-04	4.16E-05	2.96E-06	6.97E-03	5.01E-04	7.40E-03	5.81E-04	4.27E-03	7.68E-04	1.75E-03	1.27E-04	3.29E-04	2.35E-05	9.53E-05	6.79E-06	2.25E-04	1.61E-05	2.46E-05	2.46E-05	1.12E+00	1.11E-01	2.70E+00	1.92E-01
2617	Comercial/Industrial Workers	1.12E-04	9.13E-06	2.17E-05	1.93E-06	1.43E-03	1.08E-04	1.45E-03	1.12E-04	1.39E-03	1.26E-04	3.41E-05	2.55E-06	5.71E-03	4.30E-04	6.03E-03	4.97E-04	3.59E-03	6.43E-04	1.43E-03	1.09E-04	2.70E-04	2.02E-05	7.82E-05	5.84E-06	1.85E-04	1.38E-05	2.08E-05	2.08E-05	1.10E+00	9.89E-02	2.60E+00	1.80E-01
2618	Comercial/Industrial Workers	4.38E-05	9.77E-06	8.37E-06	2.11E-06	5.66E-04	1.13E-04	5.72E-04	1.19E-04	5.38E-04	1.38E-04	1.35E-05	2.66E-06	2.26E-03	4.51E-04	2.35E-03	5.35E-04	3.06E-03	8.03E-04	5.67E-04	1.14E-04	1.07E-04	2.11E-05	3.10E-05	6.10E-06	7.32E-05	1.44E-05	2.41E-05	2.41E-05	1.04E+00	9.30E-02	1.88E+00	1.91E-01
2619	Comercial/Industrial Workers	4.71E-05	1.36E-05	1.00E-05	2.88E-06	5.54E-04	1.61E-04	5.78E-04	1.67E-04	6.54E-04	1.88E-04	1.31E-05	3.78E-06	2.21E-03	6.40E-04	2.57E-03	7.42E-04	3.88E-03	1.02E-03	5.60E-04	1.62E-04	1.03E-04	3.00E-05	2.99E-05	8.67E-06	7.07E-05	2.05E-05	3.14E-05	3.14E-05	1.09E+00	1.04E-01	1.31E+00	2.26E-01
2620	Comercial/Industrial Workers	5.03E-05	1.61E-05	1.04E-05	3.35E-06	6.07E-04	1.92E-04	6.27E-04	1.99E-04	6.78E-04	2.18E-04	1.43E-05	4.54E-06	2.42E-03	7.66E-04	2.73E-03	8.73E-04	3.05E-03	1.09E-03	6.12E-04	1.94E-04	1.14E-04	3.60E-05	3.29E-05	1.04E-05	7.77E-05	2.46E-05	3.49E-05	3.49E-05	8.85E-01	1.26E-01	1.60E+00	2.02E-01
2621	Comercial/Industrial Workers	4.87E-05	1.52E-05	1.01E-05	3.20E-06	5.87E-04	1.81E-04	6.07E-04	1.88E-04	6.58E-04	2.09E-04	1.39E-05	4.26E-06	2.34E-03	7.20E-04	2.65E-03	8.29E-04	3.19E-03	1.04E-03	5.91E-04	1.82E-04	1.10E-04	3.37E-05	3.18E-05	9.76E-06	7.51E-05	2.31E-05	3.42E-05	3.42E-05	6.02E-01	1.57E-01	1.93E+00	2.15E-01
2622	Comercial/Industrial Workers	4.73E-05	1.29E-05	1.00E-05	2.70E-06	5.60E-04	1.54E-04	5.82E-04	1.59E-04	6.55E-04	1.76E-04	1.32E-05	3.62E-06	2.23E-03	6.12E-04	2.58E-03	7.02E-04	3.39E-03	8.75E-04	5.65E-04	1.55E-04	1.04E-04	2.87E-05	3.02E-05	8.31E-06	7.14E-05	1.96E-05	2.86E-05	2.86E-05	7.38E-01	1.61E-01	1.88E+00	1.99E-01
2623	Comercial/Industrial Workers	7.21E-05	1.94E-05	1.45E-05	4.04E-06	8.92E-04	2.34E-04	9.14E-04	2.42E-04	9.38E-04	2.63E-04	2.12E-05	5.52E-06	3.56E-03	9.31E-04	3.90E-03	1.06E-03	3.28E-03	1.21E-03	8.97E-04	2.35E-04	1.68E-04	4.37E-05	4.85E-05	1.27E-05	1.15E-04	2.99E-05	4.16E-05	4.16E-05	7.23E-01	2.02E-01	1.50E+00	2.09E-01
2624	Comercial/Industrial Workers	6.50E-05	1.54E-05	1.38E-05	3.11E-06	7.67E-04	1.90E-04	7.98E-04	1.94E-04	9.00E-04	2.01E-04	1.81E-05	4.50E-06	3.05E-03	7.56E-04	3.54E-03	8.33E-04	4.71E-03	7.54E-04	7.74E-04	1.91E-04	1.43E-04	3.56E-05	4.14E-05	1.03E-05	9.78E-05	2.44E-05	2.95E-05	2.95E-05	8.45E-01	2.80E-01	3.29E+00	3.18E-01
2625	Comercial/Industrial Workers	4.97E-05	1.25E-05	1.03E-05	2.59E-06	6.00E-04	1.50E-04	6.20E-04	1.55E-04	6.70E-04	1.69E-04	1.42E-05	3.55E-06	2.39E-03	5.99E-04	2.70E-03	6.79E-04	3.60E-03	7.89E-04	6.04E-04	1.51E-04	1.12E-04	2.81E-05	3.25E-05	8.13E-06	7.68E-05	1.92E-05	2.67E-05	2.67E-05	6.65E-01	2.61E-01	1.08E+00	2.90E-01
2626	Comercial/Industrial Workers	8.34E-05	8.50E-06	1.79E-05	1.77E-06	9.74E-04	1.02E-04	1.02E-03	1.06E-04	1.17E-03	1.16E-04	2.29E-05	2.41E-06	3.88E-03	4.06E-04	4.56E-03	4.63E-04	6.52E-03	6.13E-04	9.83E-04	1.03E-04	1.81E-04	1.91E-05	5.25E-05	5.51E-06	1.24E-04	1.30E-05	1.85E-05	1.85E-05	9.59E-01	1.12E-01	2.50E+00	2.03E-01
2627	Comercial/Industrial Workers	1.28E-04	1.03E-05	2.77E-05	2.21E-06	1.49E-03	1.19E-04	1.56E-03	1.25E-04	1.81E-03	1.45E-04	3.51E-05	2.80E-06	5.94E-03	4.75E-04	7.02E-03	5.61E-04	1.04E-02	8.26E-04	1.51E-03	1.21E-04	2.78E-04	2.22E-05	8.04E-05	6.42E-06	1.90E-04	1.52E-05	2.51E-05	2.51E-05	7.14E-01	9.84E-02	1.48E+00	1.91E-01
2628	Comercial/Industrial Workers	1.20E-04	9.36E-06	2.68E-05	2.05E-06	1.35E-03	1.07E-04	1.43E-03	1.13E-04	1.77E-03	1.35E-04	3.14E-05	2.51E-06	5.35E-03	4.26E-04	6.61E-03	5.13E-04	1.20E-02	8.37E-04	1.36E-03	1.08E-04	2.49E-04	1.99E-05	7.20E-05	5.75E-06	1.70E-04	1.36E-05	2.42E-05	2.42E-05	7.30E-01	1.04E-01	1.91E+00	1.75E-01
2629	Comercial/Industrial Workers	1.03E-04	8.98E-06	2.36E-05	1.99E-06	1.11E-03	1.02E-04	1.19E-03	1.07E-04	1.56E-03	1.31E-04	2.58E-05	2.37E-06	4.42E-03	4.04E-04	5.67E-03	4.93E-04	1.19E-02	8.56E-04	1.13E-03	1.03E-04	2.05E-04	1.88E-05	5.92E-05	5.44E-06	1.40E-04	1.29E-05	2.41E-05	2.41E-05	9.54E-01	1.09E-01	1.87E+00	1.95E-01
2630	Comercial/Industrial Workers	1.46E-04	1.41E-05	3.08E-05	2.96E-06	1.73E-03	1.67E-04	1.80E-03	1.74E-04	2.01E-03	1.93E-04	4.07E-05	3.94E-06	6.87E-03	6.66E-04	7.95E-03	7.66E-04	1.03E-02	9.66E-04	1.74E-03	1.69E-04	3.22E-04	3.12E-05	9.32E-05	9.03E-06	2.20E-04	2.13E-05	3.17E-05	3.17E-05	7.23E-01	1.32E-01	1.53E+00	2.24E-01
2631	Comercial/Industrial Workers	1.32E-04	1.63E-05	2.95E-05	3.45E-06	1.48E-03	1.92E-04	1.57E-03	2.00E-04	1.94E-03	2.26E-04	3.46E-05	4.51E-06	5.89E-03	7.63E-04	7.27E-03	8.87E-04	1.32E-02	1.19E-03	1.50E-03	1.93E-04	2.74E-04	3.57E-05	7.94E-05	1.03E-05	1.88E-04	2.44E-05	3.78E-05	3.78E-05	1.62E+00	1.53E-01	3.87E+00	2.54E-01
2632	Comercial/Industrial Workers	1.09E-04	1.17E-05	2.56E-05	2.57E-06	1.15E-03	1.32E-04	1.24E-03	1.40E-04	1.70E-03	1.69E-04	2.65E-05	3.09E-06	4.55E-03	5.26E-04	6.03E-03	6.40E-04	1.41E-02	1.09E-03	1.17E-03	1.34E-04	2.10E-04	2.45E-05	6.08E-05	7.09E-06	1.44E-04	1.68E-05	3.10E-05	3.10E-05	1.64E+00	1.21E-01	3.78E+00	2.18E-01
2633	Comercial/Industrial Workers	9.23E-05	9.85E-06	2.19E-05	2.20E-06	1.10E-03	1.11E-04	1.13E-03	1.17E-04	1.46E-03	1.45E-04	2.61E-05	2.58E-06	4.39E-03	4.39E-04	5.13E-03	5.42E-04	1.24E-02	9.81E-04	1.11E-03	1.12E-04	2.07E-04	2.04E-05	5.98E-05	5.91E-06	1.41E-04	1.40E-05	2.71E-05	2.71E-05	1.40E+00	1.13E-01	2.90E+00	1.98E-01
2634	Comercial/Industrial Workers	9.41E-05	8.98E-06	1.92E-05	2.02E-06	1.15E-03	1.00E-04	1.18E-03	1.06E-04	1.25E-03	1.33E-04	2.72E-05	2.34E-06	4.58E-03	3.98E-04	5.10E-03	4.95E-04	1.11E-02	9.18E-04	1.16E-03	1.02E-04	2.15E-04	1.85E-05	6.23E-05	5.36E-06	1.47E-04	1.27E-05	2.51E-05	2.51E-05	1.36E+00	1.17E-01	2.75E+00	2.11E-01
2635	Comercial/Industrial Workers	9.37E-05	8.68E-06	1.93E-05	1.95E-06	1.14E-03	9.69E-05	1.17E-03	1.03E-04	1.25E-03	1.28E-04	2.69E-05	2.26E-06	4.53E-03	3.85E-04	5.09E-03	4.78E-04	1.07E-02	8.86E-04	1.14E-03	9.82E-05	2.13E-04	1.79E-05	6.16E-05	5.18E-06	1.46E-04	1.22E-05	2.43E-05	2.43E-05	1.30E+00	1.16E-01	2.60E+00	2.17E-01
2636	Comercial/Industrial Workers	1.05E-04	9.28E-06	2.42E-05	2.05E-06	1.14E-03	1.05E-04	1.22E-03	1.11E-04	1.60E-03	1.35E-04	2.64E-05	2.46E-06	4.51E-03	4.18E-04	5.80E-03	5.10E-04	1.23E-02	8.80E-04	1.16E-03	1.06E-04	2.09E-04	1.94E-05	6.05E-05	5.63E-06	1.43E-04	1.33E-05	2.48E-05	2.48E-05	1.00E+00	1.09E-01	2.00E+00	1.90E-01
2637	Comercial/Industrial Workers	9.00E-05	1.42E-05	1.94E-05	3.13E-06	1.17E-03	1.62E-04	1.18E-03	1.71E-04	1.30E-03	2.06E-04	2.80E-05	3.80E-06	4.67E-03	6.46E-04	4.82E-03	7.81E-04	1.24E-02	1.30E-03	1.17E-03	1.64E-04	2.21E-04	3.01E-05	6.41E-05	8.71E-06	1.51E-04	2.06E-05	3.73E-05	3.73E-05	2.81E+00	1.78E-01	7.91E+00	3.85E-01
2638	Comercial/Industrial Workers	1.03E-04	8.69E-06	2.11E-05	1.98E-06	1.26E-03	1.03E-04	1.30E-03	1.07E-04	1.37E-03	1.31E-04	2.98E-05	2.43E-06	5.02E-03	4.10E-04	5.60E-03	4.74E-04	8.62E-03	1.02E-03	1.27E-03	1.04E-04	2.36E-04	1.92E-05	6.83E-05	5.57E-06	1.61E-04	1.32E-05	2.63E-05	2.63E-05	2.26E+00	1.57E-01	5.39E+00	2.88E-01
2639	Comercial/Industrial Workers	1.00E-04	9.35E-06	2.03E-05	2.12E-06	1.23E-03	1.03E-04	1.27E-03	1.10E-04	1.32E-03	1.40E-04	2.92E-05	2.40E-06	4.92E-03	4.10E-04	5.43E-03	5.16E-04	1.09E-02	1.01E-03	1.24E-03	1.05E-04	2.31E-04	1.90E-05	6.70E-05	5.51E-06	1.58E-04	1.30E-05	2.71E-05	2.71E-05	1.95E+00	1.41E-01	4.44E+00	2.53E-01
2640	Comercial/Industrial Workers	9.83E-05	7.61E-06	2.09E-05	1.68E-06	1.15E-03	8.78E-05	1.20E-03	9.21E-05	1.37E-03	1.11E-04	2.72E-05	2.06E-06	4.60E-03	3.49E-04	5.36E-03	4.17E-04	7.57E-03	8.14E-04	1.17E-03	8.87E-05	2.15E-04	1.63E-05	6.23E-05	4.72E-06	1.47E-04	1.12E-05	2.12E-05	2.12E-05	1.50E+00	1.28E-01	2.83E+00	2.15E-01
2641	Comercial/Industrial Workers	9.51E-05	7.20E-06	2.06E-05	1.63E-06	1.10E-03	7.98E-05	1.15E-03	8.49E-05	1.35E-03	1.07E-04	2.58E-05	1.87E-06	4.37E-03	3.17E-04	5.21E-03	3.97E-04	7.97E-03	7.62E-04	1.11E-03	8.10E-05	2.04E-04	1.48E-05	5.91E-05	4.28E-06	1.40E-04	1.01E-05	2.06E-05	2.06E-05	1.29E+00	1.24E-01	2.34E+00	2.25E-01
2642	Comercial/Industrial Workers	9.19E-05	7.02E-06	2.01E-05	1.59E-06	1.05E-03	7.77E-05	1.11E-03	8.28E-05	1.32E-03	1.05E-04	2.46E-05	1.81E-06	4.18E-03	3.09E-04	5.04E-03	3.87E-04	8.24E-03	7.49E-04	1.06E-03	7.89E-05	1.95E-04	1.43E-05	5.64E-05	4.15E-06	1.33E-04	9.81E-06	2.02E-05	2.02E-05	1.21E+00	1.22E-01	2.17E+00	2.24E-01
2643	Comercial/Industrial Workers	1.11E-04	9.80E-06	2.39E-05	2.01E-06	1.28E-03	1.19E-04	1.34E-03	1.23E-04	1.57E-03	1.30E-04	3.01E-05	2.82E-06	5.09E-03	4.76E-04	6.05E-03	5.31E-04	9.13E-03	6.87E-04	1.29E-03	1.20E-04	2.38E-04	2.24E-05	6.89E-05	6.47E-06	1.63E-04	1.53E-05	1.98E-05	1.98E-05	1.03E+00	9.94E-02	2.69E+00	1.89E-01
2644	Comercial/Industrial Workers	9.47E-05	7.12E-06	2.05E-05	1.46E-06	1.10E-03	8.78E-05	1.15E-03	9.01E-05	1.34E-03	9.59E-05	2.57E-05	2.08E-06	4.36E-03	3.50E-04	5.18E-03	3.85E-04	8.45E-03	7.16E-04	1.11E-03	8.83E-05	2.04E-04	1.65E-05	5.90E-05	4.77E-06	1.39E-04	1.13E-05	1.84E-05	1.84E-05	1.05E+00	9.61E-02	1.80E+00	1.60E-01
2645	Comercial/Industrial Workers	1.10E-04	1.10E-05	2.44E-05	2.28E-06	1.31E-03	1.33E-04	1.36E-03	1.38E-04	1.61E-03	1.48E-04	3.10E-05	3.15E-06	5.23E-03	5.31E-04	6.05E-03	5.99E-04	1.06E-02	6.85E-04	1.32E-03	1.34E-04	2.45E-04	2.49E-05	7.10E-05	7.22E-06	1.68E-04	1.71E-05	2.31E-05	2.31E-05	7.96E-01	1.17E-01	2.39E+00	1.99E-01
2646	Comercial/Industrial Workers	1.15E-04	1.23E-05	2.59E-05	2.71E-06	1.32E-03	1.40E-04	1.38E-03	1.48E-04	1.71E-03	1.78E-04	3.08E-05	3.28E-06	5.24E-03	5.57E-04	6.29E-03	6.76E-04	1.25E-02	1.13E-03	1.33E-03	1.42E-04	2.44E-04	2.60E-05	7.07E-05	7.52E-06	1.67E-04	1.78E-05	3.24E-05	3.24E-05	1.24E+00	1.28E-01	3.45E+00	2.68E-01
2647	Comercial/Industrial Workers	1.08E-04	1.10E-05	2.43E-05	2.47E-06	1.20E-03	1.23E-04	1.27E-03	1.31E-04	1.61E-03	1.63E-04	2.81E-05	2.88E-06	4.78E-03	4.90E-04	5.94E-03	6.06E-04	1.14E-02	1.11E-03	1.22E-03	1.25E-04	2.22E-04	2.28E-05	6.44E-05	6.59E-06	1.52E-04	1.56E-05	3.06E-05	3.06E-05	8.16E-01	9.52E-02	1.78E+00	1.63E-01
2648	School Tafe	1.48E-04	2.51E-05	3.12E-05	5.26E-06	1.77E-03	2.99E-04	1.83E-03	3.10E-04	2.03E-03	3.44E-04	4.17E-05	7.06E-06	7.04E-03	1.19E-03	8.08E-03	1.37E-03	1.00E-02	2.12E-03	1.78E-03	3.02E-04	3.30E-04	5.59E-05	9.56E-05	1.62E-05	2.26E-04	3.82E-05	6.17E-05	6.17E-05	7.96E-01	2.34E-01	1.45E+00	3.20E-01
2649	Residential	7.95E-05	1.91E-05	1.78E-05	3.90E-06	9.18E-04	2.32E-04	9.63E-04	2.39E-04	1.18E-03	2.53E-04	2.15E-05	5.50E-06	3.65E-03	9.26E-04	4.35E-03	1.03E-03	9.52E-03	1.08E-03	9.28E-04	2.34E-04	1.71E-04	4.35E-05	4.94E-05	1.26E-05	1.17E-04	2.98E-05	3.84E-05	3.84E-05	6.70E-01	2.27E-01	1.41E+00	2.98E-01
2650	Residential	1.25E-04	2.05E-05	2.69E-05	4.39E-06	1.46E-03	2.40E-04	1.52E-03	2.51E-04	1.76E-03	2.87E-04	3.43E-05	5.65E-06	5.80E-03	9.57E-04	6.84E-03	1.12E-03	9.89E-03	1.58E-03	1.47E-03	2.43E-04	2.71E-04	4.48E-05	7.85E-05	1.30E-05	1.86E-04	3.06E-05	4.89E-05	4.89E-05	8.48E-01	2.33E-01	1.31E+00	3.90E-01
2651	Residential	1.29E-04	1.93E-05	2.74E-05	3.98E-06	1.52E-03	2.39E-04	1.59E-03	2.45E-04	1.79E-03	2.60E-04	3.59E-05	5.67E-06	6.07E-03	9.54E-04	7.04E-03	1.04E-03	1.00E-02	1.34E-03	1.54E-03	2.40E-04	2.84E-04	4.49E-05	8.22E-05	1.30E-05	1.94E-04	3.07E-05	4.31E-05	4.31E-05	8.38E-01	1.87E-01	1.51E+00	3.52E-01
2652	Residential	9.96E-05	1.65E-05	2.07E-05	3.49E-06	1.20E-03	1.95E-04	1.24E-03	2.03E-04	1.34E-03	2.28E-04	2.83E-05	4.60E-06	4.78E-03	7.78E-04	5.41E-03	8.99E-04	7.64E-03	1.30E-03	1.21E-03	1.97E-04	2.24E-04	3.65E-05	6.49E-05	1.06E-05	1.53E-04	2.49E-05	3.76E-05	3.76E-05	6.77E-01	1.72E-01	1.52E+00	2.59E-01
2653	Residential	8.39E-05	1.58E-05	1.72E-05	3.39E-06	1.02E-03	1.85E-04	1.05E-03	1.93E-04	1.12E-03	2.22E-04	2.42E-05	4.36E-06	4.07E-03	7.38E-04	4.55E-03	8.65E-04	6.86E-03	1.22E-03	1.03E-03	1.87E-04	1.91E-04	3.45E-05	5.54E-05	9.99E-06	1.31E-04	2.36E-05	3.77E-05	3.77E-05	6.13E-01	1.52E-01	1.17E+00	2.61E-01
2654	Residential	8.37E-05	1.22E-05	1.86E-05	2.49E-06	9.45E-04	1.49E-04	9.99E-04	1.53E-04	1.22E-03	1.61E-04	2.21E-05	3.53E-06	3.75E-03	5.94E-04	4.60E-03	6.61E-04	8.36E-03	8.23E-04	9.56E-04	1.50E-04	1.75E-04	2.79E-05	5.06E-05	8.09E-06	1.20E-04	1.91E-05	2.43E-05	2.43E-05	5.89E-01	1.19E-01	1.32E+00	2.19E-01
2655	Residential	9.77E-05	8.93E-06	2.19E-05	2.06E-06	1.09E-03	9.70E-05	1.16E-03	1.04E-04	1.44E-03	1.36E-04	2.55E-05	2.25E-06	4.34E-03	3.85E-04	5.38E-03	4.94E-04	9.91E-03	1.04E-03	1.11E-03	9.85E-05	2.02E-04	1.78E-05	5.84E-05	5.16E-06	1.38E-04	1.22E-05	2.71E-05	2.71E-05	6.28E-01	7.60E-02	1.18E+00	1.47E-01
2656	Residential	1.04E-04	1.12E-05	2.28E-05	2.38E-06	1.22E-03	1.33E-04	1.27E-03	1.38E-04	1.50E-03	1.56E-04	2.87E-05	3.13E-06	4.86E-03	5.30E-04	5.70E-03	6.13E-04	1.04E-02	8.04E-04	1.23E-03	1.34E-04	2.27E-04	2.48E-05	6.57E-05	7.18E-06	1.55E-04	1.70E-05	2.58E-05	2.58E-05	6.40E-01	1.14E-01	1.34E+00	1.85E-01
2657	Residential	9.31E-05	8.73E-06	2.07E-05	1.84E-06	1.11E-03	1.04E-04	1.15E-03	1.08E-04	1.36E-03	1.20E-04	2.63E-05	2.44E-06	4.43E-03	4.12E-04	5.12E-03	4.76E-04	8.99E-03	6.07E-04	1.12E-03	1.04E-04	2.08E-04	1.93E-05	6.02E-05	5.59E-06	1.42E-04	1.32E-05	1.98E-05	1.98E-05	6.42E-01	8.89E-02	1.37E+00	1.86E-01
2658	Residential	7.54E-05	7.03E-06	1.65E-05	1.46E-06	8.61E-04	8.42E-05	9.07E-04	8.72E-05	1.09E-03	9.54E-05	2.02E-05	1.99E-06	3.43E-03	3.36E-04	4.14E-03	3.82E-04	7.94E-03	6.59E-04	8.72E-04	8.49E-05	1.60E-04	1.57E-05	4.62E-05	4.56E-06	1.09E-04	1.08E-05	1.72E-05	1.72E-05	7.16E-01	9.15E-02	1.38E+00	1.55E-01
2659	Residential	8.07E-05	6.47E-06	1.82E-05	1.47E-06	8.97E-04	7.63E-05	9.54E-04	7.90E-05	1.20E-03	9.71E-05	2.09E-05	1.80E-06	3.56E-03	3.04E-04	4.44E-03	3.57E-04	8.40E-03	7.02E-04	9.10E-04	7.69E-05	1.66E-04	1.43E-05	4.79E-05	4.13E-06	1.13E-04	9.76E-06	1.88E-05	1.88E-05	9.94E-01	1.16E-01	1.65E+00	2.11E-01
2660	Residential	8.78E-05	6.78E-06	1.90E-05	1.52E-06	1.01E-03	7.77E-05	1.06E-03	8.06E-05	1.25E-03	1.00E-04	2.38E-05	1.83E-06	4.04E-03	3.10E-04	4.80E-03	3.73E-04	7.32E-03	6.96E-04	1.03E-03	7.84E-05	1.89E-04	1.45E-05	5.46E-05	4.20E-06	1.29E-04	9.93E-06	1.90E-05	1.90E-05	1.03E+00	1.22E-01	1.70E+00	2.49E-01
2661	Residential	8.49E-05	7.20E-06	1.79E-05	1.61E-06	1.01E-03	8.11E-05	1.05E-03	8.55E-05	1.17E-03	1.06E-04	2.37E-05	1.91E-06	4.01E-03	3.23E-04	4.62E-03	3.96E-04	8.90E-03	7.28E-04	1.02E-03	8.18E-05	1.88E-04	1.52E-05	5.44E-05	4.39E-06	1.28E-04	1.04E-05	2.00E-05	2.00E-05	9.53E-01	1.13E-01	1.58E+00	2.54E-01
2662	Residential	9.73E-05	8.10E-06	2.22E-05	1.80E-06	1.06E-03	9.16E-05	1.14E-03	9.68E-05	1.47E-03	1.18E-04	2.47E-05	2.14E-06	4.22E-03	3.64E-04	5.37E-03	4.45E-04	1.09E-02	7.74E-04	1.08E-03	9.27E-05	1.96E-04	1.70E-05	5.67E-05	4.91E-06	1.34E-04	1.16E-05	2.18E-05	2.18E-05	7.68E-01	1.08E-01	1.71E+00	2.01E-01
2663	Residential	1.12E-04	8.57E-06	2.49E-05	1.87E-06	1.26E-03	9.84E-05	1.34E-03	1.03E-04	1.64E-03	1.23E-04	2.95E-05	2.31E-06	5.02E-03	3.91E-04	6.15E-03	4.70E-04	1.21E-02	7.50E-04	1.28E-03	9.95E-05	2.34E-04	1.83E-05	6.77E-05	5.29E-06	1.60E-04	1.25E-05	2.19E-05	2.19E-05	6.06E-01	9.83E-02	1.74E+00	1.80E-01
2664	Residential	1.12E-04	8.52E-06	2.45E-05	1.85E-06	1.28E-03	9.82E-05	1.35E-03	1.03E-04	1.61E-03	1.22E-04	3.00E-05	2.30E-06	5.09E-03	3.91E-04	6.12E-03	4.67E-04	1.01E-02	7.28E-04	1.29E-03	9.93E-05	2.37E-04	1.82E-05	6.87E-05	5.28E-06	1.62E-04	1.25E-05	2.15E-05	2.15E-05	6.56E-01	8.62E-02	1.61E+00	2.04E-01
2665	Residential	1.04E-04	8.20E-06	2.25E-05	1.78E-06	1.20E-03	9.47E-05	1.26E-03	9.93E-05	1.48E-03	1.17E-04	2.82E-05	2.22E-06	4.78E-03	3.77E-04	5.69E-03	4.49E-04	8.68E-03	6.92E-04	1.22E-03	9.57E-05	2.23E-04	1.76E-05	6.47E-05	5.09E-06	1.53E-04	1.20E-05	2.05E-05	2.05E-05	6.65E-01	9.18E-02	1.42E+00	2.02E-01
2666	Residential	9.00E-05	7.78E-06	1.93E-05	1.67E-06	1.05E-03	9.05E-05	1.10E-03	9.47E-05	1.26E-03	1.10E-04	2.47E-05	2.13E-06	4.19E-03	3.60E-04	4.91E-03	4.25E-04	6.99E-03	7.37E-04	1.06E-03	9.15E-05	1.96E-04	1.68E-05	5.67E-05	4.87E-06	1.34E-04	1.15E-05	1.90E-05	1.90E-05	6.08E-01	9.11E-02	1.49E+00	1.75E-01
2667	Residential	8.11E-05	7.04E-06	1.76E-05	1.54E-06	9.35E-04	8.27E-05	9.82E-04	8.62E-05	1.16E-03	1.02E-04	2.19E-05	1.95E-06	3.72E-03	3.29E-04	4.44E-03	3.84E-04	6.87E-03	7.84E-04	9.46E-04	8.35E-05	1.74E-04	1.54E-05	5.03E-05	4.46E-06	1.19E-04	1.05E-05	2.03E-05	2.03E-05	7.55E-01	7.97E-02	1.62E+00	1.41E-01
2668	Residential	6.69E-05	8.22E-06	1.34E-05	1.79E-06	8.53E-04	9.48E-05	8.66E-04	9.94E-05	8.67E-04	1.17E-04	2.03E-05	2.22E-06	3.41E-03	3.77E-04	3.60E-03	4.50E-04	4.82E-03	7.15E-04	8.56E-04	9.58E-05	1.61E-04	1.76E-05	4.66E-05	5.09E-06	1.10E-04	1.20E-05	2.07E-05	2.07E-05	6.70E-01	6.36E-02	1.30E+00	1.26E-01
2669	Residential	6.63E-05	9.52E-06	1.30E-05	1.99E-06	8.39E-04	1.14E-04	8.53E-04	1.18E-04	8.36E-04	1.29E-04	2.00E-05	2.69E-06	3.35E-03	4.55E-04	3.57E-03	5.18E-04	6.08E-03	6.88E-04	8.42E-04	1.15E-04	1.58E-04	2.13E-05	4.58E-05	6.17E-06	1.08E-04	1.46E-05	2.09E-05	2.09E-05	6.11E-01	6.87E-02	1.59E+00	1.32E-01
2670	Residential	7.42E-05	7.11E-06	1.54E-05	1.60E-06	9.24E-04	7.92E-05	9.44E-04	8.42E-05	1.00E-03	1.05E-04	2.19E-05	1.85E-06	3.69E-03	3.15E-04	4.01E-03	3.92E-04	5.23E-03	7.35E-04	9.28E-04	8.03E-05	1.74E-04	1.46E-05	5.03E-05	4.23E-06	1.19E-04	1.00E-05	2.00E-05	2.00E-05	5.81E-01	4.83E-02	1.11E+00	8.67E-02
2671	Residential	7.02E-05	5.78E-06	1.56E-05	1.37E-06	7.93E-04	6.79E-05	8.38E-04	7.08E-05	1.02E-03	9.10E-05	1.85E-05	1.60E-06	3.15E-03	2.70E-04	3.86E-03	3.21E-04	6.72E-03	7.61E-04	8.03E-04	6.86E-05	1.47E-04	1.27E-05	4.25E-05	3.66E-06	1.00E-04	8.66E-06	1.90E-05	1.90E-05	4.78E-01	6.58E-02	1.08E+00	1.28E-01
2672	Residential	8.00E-05	6.46E-06	1.74E-05	1.40E-06	9.23E-04	7.47E-05	9.68E-04	7.84E-05	1.14E-03	9.18E-05	2.17E-05	1.75E-06	3.67E-03	2.97E-04	4.38E-03	3.54E-04	6.80E-03	6.61E-04	9.33E-04	7.55E-05	1.71E-04	1.39E-05	4.96E-05	4.02E-06	1.17E-04	9.50E-06	1.61E-05	1.61E-05	5.23E-01	7.58E-02	1.17E+00	1.66E-01
2673	Residential	9.02E-05	6.89E-06	1.98E-05	1.50E-06	1.03E-03	7.92E-05	1.08E-03	8.32E-05	1.30E-03	9.86E-05	2.41E-05	1.86E-06	4.09E-03	3.15E-04	4.95E-03	3.77E-04	8.38E-03	5.99E-04	1.04E-03	8.01E-05	1.91E-04	1.47E-05	5.52E-05	4.25E-06	1.30E-04	1.01E-05	1.75E-05	1.75E-05	5.85E-01	7.51E-02	1.28E+00	1.74E-01
2674	Residential	9.07E-05	7.08E-06	2.02E-05	1.55E-06	1.02E-03	8.12E-05	1.08E-03	8.54E-05	1.33E-03	1.02E-04	2.39E-05	1.92E-06	4.06E-03	3.24E-04	4.99E-03	3.88E-04	1.05E-02	6.22E-04	1.03E-03	8.22E-05	1.89E-04	1.52E-05	5.47E-05	4.41E-06	1.29E-04	1.04E-05	1.81E-05	1.81E-05	5.26E-01	9.18E-02	1.34E+00	1.50E-01
2675	Residential	8.32E-05	7.31E-06	1.88E-05	1.53E-06	9.21E-04	8.77E-05	9.81E-04	9.08E-05	1.24E-03	1.00E-04	2.15E-05	2.07E-06	3.66E-03	3.49E-04	4.59E-03	3.98E-04	8.86E-03	6.42E-04	9.35E-04	8.84E-05	1.70E-04	1.64E-05	4.92E-05	4.75E-06	1.16E-04	1.12E-05	1.83E-05	1.83E-05	5.95E-01	1.01E-01	1.54E+00	2.05E-01

Scenario 1 Results

2676	Residential	7.73E-05	7.41E-06	1.64E-05	1.56E-06	9.13E-04	8.82E-05	9.50E-04	9.15E-05	1.07E-03	1.02E-04	2.15E-05	2.08E-06	3.64E-03	3.51E-04	4.21E-03	4.03E-04	8.10E-03	6.59E-04	9.21E-04	8.89E-05	1.70E-04	1.65E-05	4.93E-05	4.77E-06	1.17E-04	1.13E-05	1.83E-05	1.83E-05	7.28E-01	1.03E-01	1.96E+00	2.65E-01
2677	Residential	7.84E-05	7.29E-06	1.72E-05	1.54E-06	8.96E-04	8.63E-05	9.43E-04	8.98E-05	1.13E-03	1.01E-04	2.10E-05	2.03E-06	3.56E-03	3.44E-04	4.30E-03	3.98E-04	7.06E-03	5.95E-04	9.06E-04	8.71E-05	1.66E-04	1.61E-05	4.81E-05	4.66E-06	1.14E-04	1.10E-05	1.67E-05	1.67E-05	7.37E-01	1.14E-01	2.05E+00	2.41E-01
2678	Residential	7.16E-05	7.06E-06	1.61E-05	1.49E-06	7.97E-04	8.36E-05	8.47E-04	8.70E-05	1.06E-03	9.75E-05	1.86E-05	1.97E-06	3.16E-03	3.33E-04	3.94E-03	3.85E-04	7.45E-03	5.99E-04	8.08E-04	8.44E-05	1.47E-04	1.56E-05	4.26E-05	4.52E-06	1.01E-04	1.07E-05	1.61E-05	1.61E-05	7.05E-01	1.12E-01	1.71E+00	1.90E-01
2679	Residential	7.62E-05	7.31E-06	1.67E-05	1.57E-06	9.15E-04	8.52E-05	9.42E-04	8.91E-05	1.10E-03	1.03E-04	2.17E-05	2.00E-06	3.65E-03	3.39E-04	4.18E-03	4.00E-04	7.22E-03	5.79E-04	9.21E-04	8.61E-05	1.71E-04	1.59E-05	4.96E-05	4.59E-06	1.17E-04	1.08E-05	1.77E-05	1.77E-05	6.73E-01	7.70E-02	1.48E+00	1.81E-01
2680	Residential	9.34E-05	8.73E-06	1.98E-05	1.86E-06	1.12E-03	1.03E-04	1.16E-03	1.07E-04	1.31E-03	1.22E-04	2.64E-05	2.41E-06	4.45E-03	4.08E-04	5.08E-03	4.76E-04	9.14E-03	6.52E-04	1.13E-03	1.04E-04	2.09E-04	1.91E-05	6.04E-05	5.53E-06	1.43E-04	1.31E-05	2.05E-05	2.05E-05	6.55E-01	8.76E-02	1.22E+00	1.56E-01
2681	Residential	9.46E-05	1.04E-05	2.04E-05	2.20E-06	1.10E-03	1.22E-04	1.15E-03	1.27E-04	1.34E-03	1.44E-04	2.58E-05	2.87E-06	4.37E-03	4.86E-04	5.18E-03	5.65E-04	9.27E-03	7.61E-04	1.11E-03	1.23E-04	2.04E-04	2.27E-05	5.91E-05	6.58E-06	1.40E-04	1.56E-05	2.41E-05	2.41E-05	5.65E-01	9.62E-02	1.25E+00	1.64E-01
2682	Residential	9.19E-05	1.03E-05	2.06E-05	2.26E-06	1.03E-03	1.18E-04	1.09E-03	1.24E-04	1.36E-03	1.48E-04	2.40E-05	2.75E-06	4.09E-03	4.68E-04	5.06E-03	5.64E-04	9.28E-03	9.22E-04	1.04E-03	1.19E-04	1.90E-04	2.18E-05	5.50E-05	6.31E-06	1.30E-04	1.49E-05	2.67E-05	2.67E-05	7.01E-01	8.07E-02	1.55E+00	1.37E-01
2683	Residential	8.93E-05	7.76E-06	1.97E-05	1.81E-06	1.01E-03	9.17E-05	1.07E-03	9.39E-05	1.30E-03	1.20E-04	2.37E-05	2.18E-06	4.02E-03	3.66E-04	4.90E-03	4.30E-04	8.47E-03	9.55E-04	1.02E-03	9.22E-05	1.87E-04	1.72E-05	5.42E-05	4.99E-06	1.28E-04	1.18E-05	2.43E-05	2.43E-05	7.43E-01	7.49E-02	1.42E+00	1.44E-01
2684	Residential	7.75E-05	1.10E-05	1.70E-05	2.26E-06	8.87E-04	1.33E-04	9.33E-04	1.37E-04	1.11E-03	1.47E-04	2.08E-05	3.15E-06	3.53E-03	5.30E-04	4.25E-03	5.96E-04	6.91E-03	6.89E-04	8.97E-04	1.34E-04	1.64E-04	2.49E-05	4.76E-05	7.21E-06	1.13E-04	1.70E-05	2.28E-05	2.28E-05	5.52E-01	1.03E-01	1.16E+00	1.86E-01
2685	Residential	7.39E-05	1.44E-05	1.53E-05	3.10E-06	8.94E-04	1.70E-04	9.23E-04	1.77E-04	9.94E-04	2.03E-04	2.11E-05	4.01E-06	3.56E-03	6.78E-04	4.02E-03	7.89E-04	5.91E-03	1.13E-03	9.00E-04	1.72E-04	1.67E-04	3.18E-05	4.84E-05	9.20E-06	1.14E-04	2.17E-05	3.47E-05	3.47E-05	5.25E-01	1.31E-01	1.02E+00	2.16E-01
2686	Residential	8.23E-05	1.75E-05	1.76E-05	3.71E-06	9.65E-04	2.07E-04	1.01E-03	2.16E-04	1.15E-03	2.43E-04	2.27E-05	4.88E-06	3.84E-03	8.26E-04	4.50E-03	9.57E-04	6.94E-03	1.26E-03	9.75E-04	2.09E-04	1.80E-04	3.87E-05	5.20E-05	1.12E-05	1.23E-04	2.65E-05	4.03E-05	4.03E-05	6.18E-01	1.53E-01	1.31E+00	2.33E-01
2687	Residential	1.37E-04	2.26E-05	2.88E-05	4.83E-06	1.63E-03	2.64E-04	1.69E-03	2.75E-04	1.88E-03	3.16E-04	3.83E-05	6.20E-06	6.48E-03	1.05E-03	7.46E-03	1.23E-03	9.44E-03	1.83E-03	1.64E-03	2.66E-04	3.03E-04	4.91E-05	8.78E-05	1.42E-05	2.08E-04	3.36E-05	5.40E-05	5.40E-05	7.21E-01	2.00E-01	1.19E+00	2.65E-01
2688	Residential	1.19E-04	1.92E-05	2.54E-05	4.02E-06	1.40E-03	2.28E-04	1.46E-03	2.37E-04	1.66E-03	2.62E-04	3.29E-05	5.39E-06	5.57E-03	9.10E-04	6.51E-03	1.04E-03	9.00E-03	1.59E-03	1.41E-03	2.30E-04	2.60E-04	4.27E-05	7.54E-05	1.23E-05	1.78E-04	2.92E-05	4.26E-05	4.26E-05	7.61E-01	1.77E-01	1.15E+00	2.83E-01
2689	Residential	1.16E-04	1.63E-05	2.46E-05	3.45E-06	1.36E-03	1.95E-04	1.42E-03	2.02E-04	1.61E-03	2.27E-04	3.20E-05	4.61E-06	5.42E-03	7.78E-04	6.31E-03	8.86E-04	8.56E-03	1.54E-03	1.37E-03	1.97E-04	2.54E-04	3.65E-05	7.34E-05	1.06E-05	1.73E-04	2.50E-05	4.26E-05	4.26E-05	7.15E-01	1.59E-01	1.09E+00	2.18E-01
2690	Residential	1.27E-04	2.14E-05	2.69E-05	4.59E-06	1.51E-03	2.51E-04	1.57E-03	2.62E-04	1.76E-03	3.01E-04	3.56E-05	5.89E-06	6.02E-03	9.97E-04	6.94E-03	1.17E-03	8.91E-03	1.70E-03	1.52E-03	2.53E-04	2.82E-04	4.66E-05	8.16E-05	1.35E-05	1.93E-04	3.19E-05	5.14E-05	5.14E-05	6.84E-01	1.90E-01	1.11E+00	2.54E-01
2691	Residential	1.26E-04	2.08E-05	2.64E-05	4.35E-06	1.51E-03	2.51E-04	1.56E-03	2.59E-04	1.72E-03	2.84E-04	3.56E-05	5.93E-06	6.01E-03	1.00E-03	6.86E-03	1.13E-03	8.21E-03	1.58E-03	1.52E-03	2.53E-04	2.82E-04	4.69E-05	8.15E-05	1.36E-05	1.93E-04	3.21E-05	4.87E-05	4.87E-05	6.26E-01	1.92E-01	1.13E+00	3.08E-01
2692	Residential	1.07E-04	1.76E-05	2.21E-05	3.69E-06	1.30E-03	2.11E-04	1.34E-03	2.19E-04	1.43E-03	2.43E-04	3.07E-05	4.98E-06	5.18E-03	8.41E-04	5.82E-03	9.60E-04	7.73E-03	1.64E-03	1.31E-03	2.13E-04	2.43E-04	3.94E-05	7.05E-05	1.14E-05	1.67E-04	2.70E-05	4.54E-05	4.54E-05	6.05E-01	1.64E-01	1.29E+00	3.06E-01
2693	Residential	8.73E-05	1.96E-05	1.86E-05	4.16E-06	1.03E-03	2.30E-04	1.07E-03	2.40E-04	1.21E-03	2.72E-04	2.42E-05	5.42E-06	4.09E-03	9.16E-04	4.76E-03	1.07E-03	7.88E-03	1.44E-03	1.04E-03	2.32E-04	1.91E-04	4.29E-05	5.54E-05	1.24E-05	1.31E-04	2.93E-05	4.56E-05	4.56E-05	5.98E-01	1.54E-01	1.11E+00	2.34E-01
2694	Residential	7.51E-05	1.58E-05	1.58E-05	3.35E-06	8.92E-04	1.85E-04	9.27E-04	1.93E-04	1.03E-03	2.19E-04	2.10E-05	4.36E-06	3.55E-03	7.38E-04	4.09E-03	8.60E-04	5.52E-03	1.23E-03	9.00E-04	1.87E-04	1.66E-04	3.45E-05	4.82E-05	1.00E-05	1.14E-04	2.36E-05	3.68E-05	3.68E-05	5.46E-01	1.36E-01	1.02E+00	2.16E-01
2695	Residential	6.05E-05	1.33E-05	1.30E-05	2.80E-06	7.41E-04	1.59E-04	7.62E-04	1.65E-04	8.56E-04	1.82E-04	1.75E-05	3.75E-06	2.95E-03	6.33E-04	3.28E-03	7.26E-04	5.85E-03	8.94E-04	7.45E-04	1.60E-04	1.39E-04	2.97E-05	4.02E-05	8.59E-06	9.51E-05	2.03E-05	2.96E-05	2.96E-05	5.55E-01	1.12E-01	1.24E+00	1.88E-01
2696	Residential	8.03E-05	9.61E-06	1.76E-05	1.96E-06	9.19E-04	1.17E-04	9.67E-04	1.21E-04	1.15E-03	1.27E-04	2.15E-05	2.78E-06	3.65E-03	4.68E-04	4.40E-03	5.21E-04	7.15E-03	7.52E-04	9.30E-04	1.18E-04	1.70E-04	2.20E-05	4.93E-05	6.37E-06	1.17E-04	1.51E-05	1.92E-05	1.92E-05	6.76E-01	9.07E-02	1.26E+00	1.66E-01
2697	Residential	8.75E-05	8.78E-06	1.94E-05	1.99E-06	9.88E-04	9.68E-05	1.04E-03	1.03E-04	1.28E-03	1.32E-04	2.31E-05	2.25E-06	3.93E-03	3.84E-04	4.81E-03	4.84E-04	8.40E-03	9.54E-04	1.00E-03	9.82E-05	1.83E-04	1.78E-05	5.29E-05	5.16E-06	1.25E-04	1.22E-05	2.55E-05	2.55E-05	7.08E-01	6.18E-02	1.20E+00	1.01E-01
2698	Residential	8.80E-05	1.02E-05	1.97E-05	2.21E-06	9.85E-04	1.17E-04	1.04E-03	1.23E-04	1.30E-03	1.45E-04	2.30E-05	2.74E-06	3.91E-03	4.65E-04	4.84E-03	5.57E-04	8.86E-03	8.80E-04	9.98E-04	1.18E-04	1.82E-04	2.17E-05	5.27E-05	6.28E-06	1.24E-04	1.48E-05	2.58E-05	2.58E-05	6.64E-01	7.82E-02	1.42E+00	1.35E-01
2699	Residential	9.18E-05	9.60E-06	1.96E-05	2.03E-06	1.08E-03	1.13E-04	1.12E-03	1.18E-04	1.28E-03	1.33E-04	2.53E-05	2.67E-06	4.29E-03	4.52E-04	5.01E-03	5.23E-04	9.09E-03	6.90E-04	1.09E-03	1.14E-04	2.01E-04	2.11E-05	5.81E-05	6.12E-06	1.37E-04	1.45E-05	2.21E-05	2.21E-05	5.32E-01	9.23E-02	1.08E+00	1.57E-01
2700	Residential	8.90E-05	7.85E-06	1.99E-05	1.69E-06	1.05E-03	9.13E-05	1.08E-03	9.55E-05	1.31E-03	1.11E-04	2.47E-05	2.14E-06	4.17E-03	3.63E-04	4.90E-03	4.29E-04	9.01E-03	6.34E-04	1.05E-03	9.22E-05	1.96E-04	1.70E-05	5.66E-05	4.91E-06	1.34E-04	1.16E-05	1.92E-05	1.92E-05	6.27E-01	7.59E-02	1.33E+00	1.71E-01
2701	Residential	7.34E-05	7.31E-06	1.61E-05	1.57E-06	8.37E-04	8.56E-05	8.82E-04	8.93E-05	1.06E-03	1.02E-04	1.96E-05	2.01E-06	3.33E-03	3.41E-04	4.02E-03	4.00E-04	6.66E-03	5.65E-04	8.47E-04	8.64E-05	1.55E-04	1.59E-05	4.49E-05	4.61E-06	1.06E-04	1.09E-05	1.75E-05	1.75E-05	6.59E-01	8.24E-02	1.57E+00	1.68E-01
2702	Residential	5.32E-05	7.34E-06	1.19E-05	1.55E-06	6.90E-04	8.69E-05	6.96E-04	9.03E-05	7.88E-04	1.01E-04	1.65E-05	2.05E-06	2.76E-03	3.46E-04	2.90E-03	4.00E-04	6.36E-03	5.36E-04	6.91E-04	8.76E-05	1.31E-04	1.62E-05	3.78E-05	4.69E-06	8.93E-05	1.11E-05	1.68E-05	1.68E-05	5.93E-01	9.54E-02	1.49E+00	1.29E-01
2703	Residential	6.52E-05	7.31E-06	1.48E-05	1.55E-06	7.20E-04	8.64E-05	7.67E-04	8.99E-05	9.78E-04	1.01E-04	1.68E-05	2.03E-06	2.86E-03	3.44E-04	3.60E-03	3.99E-04	7.06E-03	5.63E-04	7.30E-04	8.72E-05	1.33E-04	1.61E-05	3.84E-05	4.66E-06	9.08E-05	1.10E-05	1.68E-05	1.68E-05	6.94E-01	1.06E-01	1.51E+00	1.71E-01
2704	Residential	7.25E-05	7.33E-06	1.61E-05	1.55E-06	8.18E-04	8.65E-05	8.65E-04	9.01E-05	1.06E-03	1.02E-04	1.91E-05	2.04E-06	3.25E-03	3.44E-04	3.98E-03	4.00E-04	6.99E-03	5.63E-04	8.28E-04	8.73E-05	1.51E-04	1.61E-05	4.38E-05	4.67E-06	1.04E-04	1.10E-05	1.69E-05	1.69E-05	6.33E-01	1.07E-01	1.99E+00	2.12E-01
2705	Residential	7.58E-05	7.62E-06	1.64E-05	1.61E-06	8.80E-04	9.03E-05	9.21E-04	9.39E-05	1.07E-03	1.05E-04	2.07E-05	2.13E-06	3.50E-03	3.60E-04	4.15E-03	4.15E-04	6.21E-03	5.76E-04	8.89E-04	9.11E-05	1.64E-04	1.69E-05	4.73E-05	4.88E-06	1.12E-04	1.15E-05	1.73E-05	1.73E-05	6.81E-01	1.02E-01	2.01E+00	2.64E-01
2706	Residential	7.04E-05	7.51E-06	1.50E-05	1.58E-06	8.29E-04	8.92E-05	8.64E-04	9.26E-05	9.78E-04	1.03E-04	1.95E-05	2.10E-06	3.30E-03	3.55E-04	3.84E-03	4.09E-04	7.37E-03	5.99E-04	8.36E-04	8.99E-05	1.54E-04	1.66E-05	4.47E-05	4.82E-06	1.06E-04	1.14E-05	1.69E-05	1.69E-05	6.01E-01	9.61E-02	1.98E+00	2.54E-01
2707	Residential	7.31E-05	7.47E-06	1.66E-05	1.57E-06	8.07E-04	8.91E-05	8.60E-04	9.24E-05	1.10E-03	1.02E-04	1.88E-05	2.10E-06	3.20E-03	3.55E-04	4.03E-03	4.07E-04	7.92E-03	5.99E-04	8.18E-04	8.98E-05	1.49E-04	1.66E-05	4.30E-05	4.82E-06	1.02E-04	1.14E-05	1.70E-05	1.70E-05	5.48E-01	9.62E-02	1.74E+00	2.19E-01
2708	Residential	8.23E-05	6.95E-06	1.84E-05	1.45E-06	9.22E-04	8.43E-05	9.78E-04	8.69E-05	1.21E-03	9.49E-05	2.15E-05	1.99E-06	3.66E-03	3.36E-04	4.53E-03	3.77E-04	9.77E-03	5.83E-04	9.34E-04	8.48E-05	1.70E-04	1.58E-05	4.93E-05	4.57E-06	1.17E-04	1.08E-05	1.70E-05	1.70E-05	5.31E-01	9.14E-02	1.28E+00	1.58E-01
2709	Residential	8.56E-05	6.54E-06	1.89E-05	1.43E-06	9.72E-04	7.52E-05	1.03E-03	7.90E-05	1.24E-03	9.37E-05	2.27E-05	1.76E-06	3.86E-03	2.99E-04	4.70E-03	3.59E-04	8.70E-03	5.70E-04	9.84E-04	7.60E-05	1.80E-04	1.40E-05	5.21E-05	4.04E-06	1.23E-04	9.54E-06	1.67E-05	1.67E-05	5.30E-01	7.46E-02	1.19E+00	1.56E-01
2710	Residential	7.56E-05	6.07E-06	1.65E-05	1.32E-06	8.68E-04	7.02E-05	9.12E-04	7.36E-05	1.08E-03	8.64E-05	2.04E-05	1.65E-06	3.45E-03	2.79E-04	4.14E-03	3.32E-04	6.59E-03	6.28E-04	8.78E-04	7.09E-05	1.61E-04	1.30E-05	4.67E-05	3.77E-06	1.10E-04	8.92E-06	1.52E-05	1.52E-05	5.13E-01	7.02E-02	1.09E+00	1.56E-01
2711	Residential	6.51E-05	5.51E-06	1.44E-05	1.31E-06	7.40E-04	6.42E-05	7.81E-04	6.69E-05	9.51E-04	8.70E-05	1.73E-05	1.51E-06	2.94E-03	2.55E-04	3.57E-03	3.06E-04	6.45E-03	7.38E-04	7.49E-04	6.48E-05	1.37E-04	1.20E-05	3.97E-05	3.46E-06	9.39E-05	8.18E-06	1.83E-05	1.83E-05	4.36E-01	6.16E-02	9.21E-01	1.22E-01
2712	Residential	7.28E-05	6.22E-06	1.56E-05	1.44E-06	8.78E-04	6.71E-05	9.07E-04	7.22E-05	1.02E-03	9.55E-05	2.07E-05	1.56E-06	3.50E-03	2.66E-04	3.96E-03	3.44E-04	5.93E-03	7.45E-04	8.84E-04	6.83E-05	1.64E-04	1.23E-05	4.75E-05	3.57E-06	1.12E-04	8.43E-06	1.92E-05	1.92E-05	4.86E-01	5.07E-02	1.02E+00	9.47E-02
2713	Residential	8.77E-05	8.22E-06	1.85E-05	1.75E-06	1.04E-03	9.65E-05	1.08E-03	1.01E-04	1.21E-03	1.15E-04	2.45E-05	2.27E-06	4.13E-03	3.84E-04	4.78E-03	4.49E-04	7.04E-03	7.57E-04	1.05E-03	9.74E-05	1.94E-04	1.80E-05	5.60E-05	5.20E-06	1.32E-04	1.23E-05	1.96E-05	1.96E-05	7.97E-01	9.21E-02	1.90E+00	1.56E-01
2714	Residential	8.27E-05	7.62E-06	1.73E-05	1.70E-06	9.88E-04	8.56E-05	1.02E-03	9.07E-05	1.13E-03	1.12E-04	2.33E-05	2.00E-06	3.94E-03	3.40E-04	4.50E-03	4.19E-04	5.44E-03	7.51E-04	9.96E-04	8.67E-05	1.85E-04	1.58E-05	5.34E-05	4.58E-06	1.26E-04	1.08E-05	2.09E-05	2.09E-05	8.93E-01	7.23E-02	1.57E+00	1.30E-01
2715	Residential	5.99E-05	9.02E-06	1.25E-05	1.91E-06	7.36E-04	1.07E-04	7.53E-04	1.11E-04	8.19E-04	1.25E-04	1.76E-05	2.51E-06	2.94E-03	4.25E-04	3.25E-03	4.92E-04	5.15E-03	6.99E-04	7.37E-04	1.08E-04	1.39E-04	1.99E-05	4.03E-05	5.76E-06	9.52E-05	1.36E-05	2.06E-05	2.06E-05	7.72E-01	7.87E-02	1.90E+00	1.48E-01
2716	Residential	7.34E-05	1.03E-05	1.40E-05	2.12E-06	9.48E-04	1.26E-04	9.58E-04	1.30E-04	8.95E-04	1.38E-04	2.27E-05	2.98E-06	3.79E-03	5.02E-04	3.94E-03	5.61E-04	7.00E-03	6.51E-04	9.51E-04	1.27E-04	1.79E-04	2.36E-05	5.19E-05	6.83E-06	1.23E-04	1.61E-05	2.10E-05	2.10E-05	6.20E-01	8.21E-02	1.81E+00	1.61E-01
2717	Residential	6.81E-05	1.08E-05	1.27E-05	2.20E-06	8.94E-04	1.33E-04	8.99E-04	1.37E-04	8.10E-04	1.42E-04	2.14E-05	3.16E-06	3.58E-03	5.32E-04	3.64E-03	5.87E-04	6.80E-03	5.99E-04	8.95E-04	1.34E-04	1.70E-04	2.50E-05	4.91E-05	7.24E-06	1.16E-04	1.71E-05	2.10E-05	2.10E-05	6.38E-01	8.46E-02	1.48E+00	1.76E-01
2718	Residential	5.80E-05	9.26E-06	1.28E-05	1.88E-06	6.58E-04	1.14E-04	6.94E-04	1.17E-04	8.43E-04	1.22E-04	1.54E-05	2.69E-06	2.62E-03	4.53E-04	3.18E-03	5.02E-04	7.53E-03	6.33E-04	6.66E-04	1.14E-04	1.22E-04	2.13E-05	3.53E-05	6.17E-06	8.34E-05	1.46E-05	1.81E-05	1.81E-05	5.74E-01	1.26E-01	1.43E+00	2.70E-01
2719	Residential	5.30E-05	1.07E-05	1.17E-05	2.16E-06	7.02E-04	1.32E-04	7.03E-04	1.35E-04	7.71E-04	1.40E-04	1.68E-05	3.13E-06	2.81E-03	5.26E-04	2.90E-03	5.78E-04	5.19E-03	5.68E-04	7.02E-04	1.33E-04	1.33E-04	2.47E-05	3.86E-05	7.16E-06	9.12E-05	1.69E-05	2.03E-05	2.03E-05	7.41E-01	1.14E-01	1.56E+00	2.53E-01
2720	Residential	6.32E-05	1.10E-05	1.25E-05	2.22E-06	8.35E-04	1.36E-04	8.37E-04	1.40E-04	8.14E-04	1.44E-04	2.00E-05	3.23E-06	3.34E-03	5.43E-04	3.37E-03	5.97E-04	5.64E-03	5.89E-04	8.36E-04	1.37E-04	1.58E-04	2.55E-05	4.59E-05	7.40E-06	1.08E-04	1.75E-05	2.09E-05	2.09E-05	8.37E-01	1.15E-01	1.70E+00	2.51E-01
2721	Residential	7.23E-05	1.06E-05	1.51E-05	2.14E-06	9.45E-04	1.30E-04	9.51E-04	1.33E-04	9.82E-04	1.39E-04	2.26E-05	3.08E-06	3.78E-03	5.18E-04	3.90E-03	5.72E-04	6.30E-03	6.14E-04	9.46E-04	1.31E-04	1.79E-04	2.44E-05	5.18E-05	7.05E-06	1.22E-04	1.67E-05	2.05E-05	2.05E-05	8.77E-01	1.09E-01	1.81E+00	2.27E-01
2722	Residential	7.90E-05	9.47E-06	1.68E-05	1.94E-06	9.32E-04	1.16E-04	9.70E-04	1.19E-04	1.09E-03	1.26E-04	2.19E-05	2.74E-06	3.71E-03	4.61E-04	4.31E-03	5.14E-04	5.73E-03	6.12E-04	9.40E-04	1.16E-04	1.74E-04	2.17E-05	5.03E-05	6.27E-06	1.19E-04	1.48E-05	1.92E-05	1.92E-05	9.30E-01	1.10E-01	2.21E+00	2.16E-01
2723	Residential	1.15E-04	1.11E-05	2.47E-05	2.24E-06	1.34E-03	1.36E-04	1.40E-03	1.39E-04	1.62E-03	1.45E-04	3.16E-05	3.22E-06	5.35E-03	5.41E-04	6.30E-03	5.99E-04	9.08E-03	7.26E-04	1.36E-03	1.37E-04	2.50E-04	2.55E-05	7.24E-05	7.37E-06	1.71E-04	1.74E-05	2.16E-05	2.16E-05	1.19E+00	1.07E-01	2.75E+00	1.93E-01
2724	Residential	6.25E-05	1.05E-05	1.22E-05	2.27E-06	8.00E-04	1.31E-04	8.11E-04	1.34E-04	7.92E-04	1.49E-04	1.91E-05	3.12E-06	3.20E-03	5.25E-04	3.36E-03	5.75E-04	3.75E-03	8.75E-04	8.03E-04	1.32E-04	1.51E-04	2.47E-05	4.37E-05	7.16E-06	1.03E-04	1.69E-05	2.60E-05	2.60E-05	7.43E-01	2.00E-01	8.25E-01	1.95E-01
2725	Residential	7.10E-05	7.66E-06	1.55E-05	1.58E-06	8.14E-04	9.29E-05	8.56E-04	9.58E-05	1.02E-03	1.02E-04	1.91E-05	2.21E-06	3.24E-03	3.70E-04	3.89E-03	4.16E-04	6.23E-03	4.88E-04	8.23E-04	9.36E-05	1.51E-04	1.75E-05	4.37E-05	5.07E-06	1.03E-04	1.20E-05	1.58E-05	1.58E-05	9.90E-01	1.37E-01	1.57E+00	1.20E-01
2726	Residential	7.13E-05	5.95E-06	1.57E-05	1.25E-06	8.13E-04	7.17E-05	8.57E-04	7.41E-05	1.03E-03	8.21E-05	1.90E-05	1.69E-06	3.23E-03	2.86E-04	3.91E-03	3.23E-04	6.47E-03	4.99E-04	8.23E-04	7.22E-05	1.51E-04	1.34E-05	4.36E-05	3.88E-06	1.03E-04	9.17E-06	1.46E-05	1.46E-05	7.33E-01	1.20E-01	1.19E+00	1.50E-01
2727	Residential	6.10E-05	5.56E-06	1.33E-05	1.22E-06	6.99E-04	6.36E-05	7.35E-04	6.69E-05	8.76E-04	7.98E-05	1.64E-05	1.49E-06	2.78E-03	2.53E-04	3.34E-03	3.05E-04	5.39E-03	4.92E-04	7.07E-04	6.44E-05	1.30E-04	1.18E-05	3.75E-05	3.42E-06	8.87E-05	8.08E-06	1.43E-05	1.43E-05	7.79E-01	1.05E-01	1.19E+00	1.41E-01
2728	Residential	4.41E-05	8.47E-06	9.78E-06	1.77E-06	5.29E-04	1.02E-04	5.41E-04	1.05E-04	6.44E-04	1.15E-04	1.26E-05	2.40E-06	2.11E-03	4.05E-04	2.42E-03	4.61E-04	4.25E-03	5.38E-04	5.32E-04	1.02E-04	9.95E-05	1.90E-05	2.88E-05	5.50E-06	6.80E-05	1.30E-05	1.84E-05	1.84E-05	8.55E-01	1.10E-01	1.80E+00	1.11E-01
2729	Residential	5.19E-05	9.72E-06	1.14E-05	2.03E-06	5.93E-04	1.16E-04	6.24E-04	1.20E-04	7.46E-04	1.32E-04	1.39E-05	2.74E-06	2.36E-03	4.63E-04	2.84E-03	5.29E-04	4.64E-03	6.32E-04	6.00E-04	1.17E-04	1.10E-04	2.17E-05	3.18E-05	6.29E-06	7.52E-05	1.49E-05	2.13E-05	2.13E-05	6.03E-01	1.55E-01	2.23E+00	1.86E-01
2730	Residential	6.59E-05	9.85E-06	1.46E-05	2.10E-06	7.45E-04	1.16E-04	7.87E-04	1.21E-04	9.62E-04	1.37E-04	1.74E-05	2.72E-06	2.96E-03	4.61E-04	3.62E-03	5.38E-04	6.32E-03	7.38E-04	7.54E-04	1.17E-04	1.38E-04	2.16E-05	3.99E-05	6.24E-06	9.43E-05	1.48E-05	2.32E-05	2.32E-05	4.58E-01	1.37E-01	1.78E+00	1.85E-01
2731	Residential	6.66E-05	1.39E-05	1.36E-05	2.95E-06	8.14E-04	1.64E-04	8.37E-04	1.71E-04	8.81E-04	1.93E-04	1.93E-05	3.86E-06	3.25E-03	6.53E-04	3.61E-03	7.59E-04	3.72E-03	1.02E-03	8.19E-04	1.65E-04	1.53E-04	3.06E-05	4.42E-05	8.85E-06	1.04E-04	2.09E-05	3.23E-05	3.23E-05	7.17E-01	1.51E-01	1.05E+00	1.77E-01
2732	Residential	6.66E-05	1.74E-05	1.37E-05	3.65E-06	8.09E-04	2.07E-04	8.34E-04	2.15E-04	8.89E-04	2.38E-04	1.91E-05	4.88E-06	3.22E-03	8.25E-04	3.61E-03	9.46E-04	3.76E-03	1.17E-03	8.14E-04	2.09E-04	1.51E-04	3.87E-05	4.38E-05	1.12E-05	1.04E-04	2.65E-05	3.87E-05	3.87E-05	7.03E-01	1.67E-01	1.52E+00	1.81E-01
2733	Residential	7.04E-05	1.09E-05	1.35E-05	2.37E-06	9.05E-04	1.26E-04	9.16E-04	1.32E-04	8.65E-04	1.56E-04	2.16E-05	2.96E-06	3.62E-03	5.01E-04	3.78E-03	5.98E-04	5.98E-03	9.74E-04	9.07E-04	1.27E-04	1.71E-04	2.34E-05	4.95E-05	6.77E-06	1.17E-04	1.60E-05	2.77E-05	2.77E-05	6.33E-01	1.37E-01	8.00E-01	1.83E-01
2734	Residential	6.25E-05	1.37E-05	1.31E-05	2.85E-06	7.46E-04	1.64E-04	7.74E-04	1.69E-04	8.55E-04	1.86E-04	1.76E-05	3.86E-06	2.97E-03	6.52E-04	3.40E-03	7.43E-04	4.15E-03	8.96E-04	7.52E-04	1.65E-04	1.39E-04	3.06E-05	4.03E-05	8.85E-06	9.54E-05	2.09E-05	2.97E-05	2.97E-05	6.93E-01	2.13E-01	9.50E-01	2.48E-01
2735	Residential	6.96E-05	1.07E-05	1.34E-05	2.27E-06	8.90E-04	1.27E-04	9.02E-04	1.32E-04	8.62E-04	1.48E-04	2.12E-05	3.00E-06	3.55E-03	5.08E-04	3.74E-03	5.85E-04	4.04E-03	8.22E-04	8.93E-04	1.29E-04	1.68E-04	2.38E-05	4.86E-05	6.88E-06	1.15E-04	1.63E-05	2.44E-05	2.44E-05	7.04E-01	1.34E-01	9.18E-01	2.31E-01
2736	Residential	5.94E-05	1.43E-05	1.24E-05	3.03E-06	7.18E-04	1.68E-04	7.38E-04	1.75E-04	8.06E-04	1.98E-04	1.70E-05	3.95E-06	2.86E-03	6.69E-04	3.23E-03	7.78E-04	3.90E-03	1.06E-03	7.22E-04	1.69E-04	1.35E-04	3.13E-05	3.89E-05	9.06E-06	9.21E-05	2.14E-05	3.33E-05	3.33E-05	6.77E-01	1.37E-01	1.32E+00	1.78E-01
2737	Residential	5.89E-05	1.60E-05	1.23E-05	3.37E-06	7.05E-04	1.91E-04	7.30E-04	1.98E-04	8.03E-04	2.20E-04	1.66E-05	4.49E-06	2.81E-03	7.59E-04	3.21E-03	8.73E-04	3.84E-03	1.14E-03	7.10E-04	1.92E-04	1.32E-04	3.56E-05	3.81E-05	1.03E-05	9.01E-05	2.43E-05	3.60E-05	3.60E-05	6.53E-01	1.38E-01	1.49E+00	1.90E-01
2738	Residential	6.06E-05	1.58E-05	1.19E-05	3.31E-06	7.63E-04	1.88E-04	7.77E-04	1.95E-04	7.68E-04	2.16E-04	1.82E-05	4.43E-06	3.05E-03	7.48E-04	3.27E-03	8.59E-04	3.46E-03	1.06E-03	7.66E-04	1.89E-04	1.44E-04	3.51E-05	4.16E-05	1.02E-05	9.84E-05	2.40E-05	3.51E-05	3.51E-05	6.26E-01	1.99E-01	6.87E-01	2.17E-01
2739	Residential	6.03E-05	1.28E-05	1.19E-05	2.72E-06	7.58E-04	1.50E-04	7.73E-04	1.56E-04	7.68E-04	1.78E-04	1.80E-05	3.52E-06	3.03E-03	5.96E-04	3.25E-03	6.96E-04	3.88E-03	9.57E-04	7.61E-04	1.51E-04	1.43E-04	2.79E-05	4.13E-05	8.08E-06	9.77E-05	1.91E-05	3.00E-05	3.00E-05	9.40E-01	1.73E-01	7.43E-01	2.52E-01
2740	Residential	5.52E-05	1.31E-05	1.08E-05	2.80E-06	6.96E-04	1.54E-04	7.09E-04	1.60E-04	7.06E-04	1.83E-04	1.66E-05	3.62E-06	2.78E-03	6.12E-04	2.97E-03	7.16E-04	4.59E-03	1.00E-03	6.99E-04	1.55E-04	1.31E-04	2.86E-05	3.80E-05	8.29E-06	8.98E-05	1.96E-05	3.12E-05	3.12E-05	5.69E-01	1.26E-01	1.15E+00	2.15E-01
2741	Residential	6.37E-05	1.30E-05	1.25E-05	2.78E-06	8.05E-04	1.52E-04	8.19E-04	1.59E-04	8.03E-04	1.82E-04	1.92E-05	3.58E-06	3.21E-03	6.07E-04	3.43E-03	7.11E-04	4.83E-03	9.98E-04	8.08E-04	1.54E-04	1.52E-04	2.84E-05	4.39E-05	8.22E-06	1.04E-04	1.94E-05	3.10E-05	3.10E-05	5.52E-01	1.33E-01	1.17E+00	1.77E-01
2742	Residential	5.79E-05	1.38E-05	1.14E-05	2.82E-06	7.29E-04	1.69E-04	7.42E-04	1.74E-04	7.50E-04	1.83E-04	1.73E-05	4.01E-06	2.91E-03	6.75E-04	3.12E-03	7.50E-04	4.86E-03	8.71E-04	7.32E-04	1.70E-04	1.37E-04	3.18E-05	3.98E-05	9.19E-06	9.40E-05	2.17E-05	2.73E-05	2.73E-05	6.39E-01	1.26E-01	1.28E+00	1.79E-01
2743	Residential	5.53E-05	1.35E-05	1.12E-05	2.76E-06	7.00E-04	1.64E-04	7.11E-04	1.69E-04	7.34E-04	1.79E-04	1.67E-05	3.89E-06	2.79E-03	6.55E-04	2.98E-03	7.32E-04	4.71E-03	9.53E-04	7.02E-04	1.65E-04	1.32E-04	3.08E-05	3.82E-05	8.92E-06	9.02E-05	2.11E-05	2.98E-05	2.98E-05	6.79E-01	1.50E-01	1.72E+00	1.73E-01
2744	Residential	6.40E-05	1.53E-05	1.26E-05	3.09E-06	8.06E-04	1.89E-04	8.21E-04	1.94E-04	8.13E-04	2.00E-04	1.92E-05	4.49E-06	3.22E-03	7.54E-04	3.45E-03	8.29E-04	4.60E-03	9.89E-04	8.10E-04	1.90E-04	1.52E-04	3.55E-05	4.40E-05	1.03E-05	1.04E-04	2.43E-05	3.10E-05	3.10E-05	5.88E-01	1.50E-01	1.71E+00	1.74E-01
2745	Residential	5.97E-05	1.68E-05	1.19E-05	3.42E-06	7.46E-04	2.07E-04	7.62E-04	2.12E-04	7.67E-04	2.21E-04	1.77E-05	4.90E-06	2.98E-03	8.24E-04	3.22E-03	9.11E-04	4.51E-03	1.02E-03	7.49E-04	2.08E-04	1.40E-04	3.88E-05	4.06E-05	1.12E-05	9.60E-05	2.65E-05	3.31E-05	3.31E-05	5.58E-01	1.45E-01	2.03E+00	1.82E-01
2746	Residential	5.35E-05	1.53E-05	1.08E-05	3.20E-06	6.62E-04	1.86E-04	6.78E-04	1.92E-04	6.97E-04	2.09E-04	1.57E-05	4.40E-06	2.64E-03	7.42E-04	2.90E-03	8.32E-04	4.35E-03	1.10E-03	6.66E-04	1.87E-04	1.24E-04	3.49E-05	3.60E-05	1.01E-05	8.51E-05	2.38E-05	3.49E-05	3.49E-05	5.88E-01	1.41E-01	1.84E+00	1.92E-01
2747	Residential	4.67E-05	1.40E-05	9.50E-06	2.99E-06	5.77E-04	1.64E-04	5.91E-04	1.71E-04	6.25E-04	1.96E-04	1.37E-05	3.86E-06	2.30E-03	6.53E-04	2.53E-03	7.64E-04	4.09E-03	1.07E-03	5.80E-04	1.66E-04	1.08E-04	3.05E-05	3.13E-05	8.84E-06	7.41E-05	2.09E-05	3.32E-05	3.32E-05	5.87E-01	1.37E-01	1.88E+00	1.83E-01
2748	Residential	4.50E-05	1.18E-05	9.24E-06	2.53E-06	5.56E-04	1.39E-04	5.70E-04	1.45E-04	6.04E-04	1.66E-04	1.32E-05	3.27E-06	2.22E-03	5.53E-04	2.44E-03	6.46E-04	3.66E-03	9.56E-04	5.59E-04	1.40E-04	1.04E-04	2.59E-05	3.02E-05	7.48E-06	7.14E-05	1.77E-05	2.88E-05	2.88E-05	8.01E-01	1.51E-01	1.80E+00	1.90E-01
2749	Residential	4.26E-05	1.20E-05	9.03E-06	2.54E-06	5.20E-04	1.42E-04	5.35E-04	1.48E-04	5.90E-04	1.66E-04	1.23E-05	3.34E-06	2.07E-03	5.65E-04	2.33E-03	6.55E-04	3.44E-03	8.72E-04	5.23E-04	1.43E-04	9.75E-05	2.65E-05	2.82E-05	7.66E-06	6.67E-05	1.81E-05	2.75E-05	2.75E-05	7.00E-01	1.54E-01	1.86E+00	2.03E-01
2750	Residential	4.50E-05	1.25E-05	9.43E-06	2.67E-06	5.38E-04	1.48E-04	5.58E-04	1.54E-04	6.15E-04	1.74E-04	1.27E-05	3.47E-06	2.14E-03	5.87E-04	2.45E-03	6.84E-04	3.32E-03	9.29E-04	5.42E-04	1.49E-04	1.00E-04	2.75E-05	2.91E-05	7.96E-06	6.87E-05	1.88E-05	2.93E-05	2.93E-05	6.12E-01	1.49E-01	1.56E+00	2.24E-01
2751	Residential	4.71E-05	1.31E-05	9.90E-06	2.77E-06	5.59E-04	1.55E-04	5.81E-04	1.61E-04	6.46E-04	1.81E-04	1.32E-05	3.65E-06	2.23E-03	6.16E-04	2.56E-03	7.13E-04	4.40E-03	1.02E-03	5.64E-04	1.56E-04	1.04E-04	2.89E-05	3.02E-05	8.36E-06	7.15E-05	1.98E-05	3.10E-05	3.10E-05	8.39E-01	1.21E-01	1.39E+00	2.51E-01
2752	Residential	4.26E-05	1.23E-05	9.08E-06	2.62E-06	5.01E-04	1.45E-04	5.22E-04	1.51E-04	5.94E-04	1.71E-04	1.18E-05	3.40E-06	2.00E-03	5.76E-04	2.33E-03	6.71E-04	4.90E-03	9.78E-04	5.06E-04	1.46E-04	9.34E-05	2.69E-05	2.70E-05	7.80E-06	6.39E-05	1.84E-05	2.89E-05	2.89E-05	9.90E-01	1.05E-01	1.14E+00	2.33E-01
2753	Residential	4.22E-05	1.15E-05	8.47E-06	2.46E-06	5.22E-04	1.35E-04	5.35E-04	1.41E-04	5.48E-04	1.61E-04	1.24E-05	3.17E-06	2.08E-03	5.37E-04	2.28E-03	6.28E-04	4.86E-03	9.27E-04	5.25E-04	1.36E-04	9.80E-05	2.51E-05	2.84E-05	7.27E-06	6.71E-05	1.72E-05	2.73E-05	2.73E-05	9.81E-01	1.04E-01	1.11E+00	2.17E-01
2754	Residential	4.59E-05	8.56E-06	9.50E-06	1.85E-06	5.88E-04	9.90E-05	5.95E-04	1.04E-04	6.20E-04	1.21E-04	1.40E-05	2.32E-06	2.35E-03	3.94E-04	2.47E-03	4.68E-04	3.18E-03	7.29E-04	5.89E-04	1.00E-04	1.11E-04	1.84E-05	3.21E-05	5.33E-06	7.59E-05	1.26E-05	2.13E-05	2.13E-05	8.91E-01	9.06E-02	1.76E+00	1.81E-01
2755	Residential	7.54E-05	6.90E-06	1.48E-05	1.50E-06	9.54E-04	7.92E-05	9.70E-04	8.32E-05	9.52E-04	9.88E-05	2.27E-05	1.86E-06	3.81E-03	3.15E-04	4.06E-03	3.78E-04	3.40E-03	6.08E-04	9.57E-04	8.01E-05	1.80E-04	1.47E-05	5.20E-05	4.25E-06	1.23E-04	1.01E-05	1.76E-05	1.76E-05	8.44E-01	7.97E-02	1.93E+00	1.70E-01
2756	Residential	1.04E-04	7.46E-06	2.08E-05	1.50E-06	1.30E-03	9.25E-05	1.33E-03	9.47E-05	1.34E-03	9.67E-05	3.09E-05	2.20E-06	5.19E-03	3.69E-04	5.63E-03	4.03E-04	4.27E-03	5.24E-04	1.31E-03	9.30E-05	2.45E-04	1.74E-05	7.08E-05	5.03E-06	1.67E-04	1.19E-05	1.63E-05	1.63E-05	7.93E-01	8.16E-02	1.90E+00	1.55E-01
2757	Residential	1.38E-04	9.86E-06	2.81E-05	2.02E-06	1.69E-03	1.20E-04	1.74E-03	1.24E-04	1.82E-03	1.31E-04	4.01E-05	2.84E-06	6.74E-03	4.79E-04	7.48E-03	5.35E-04	7.13E-03	5.60E-04	1.70E-03	1.21E-04	3.17E-04	2.25E-05	9.18E-05	6.52E-06	2.17E-04	1.54E-05	1.99E-05	1.99E-05	7.06E-01	8.74E-02	1.70E+00	1.36E-01
2758	Residential	1.55E-04	1.12E-05	3.24E-05	2.34E-06	1.86E-03	1.34E-04	1.93E-03	1.39E-04	2.11E-03	1.53E-04	4.40E-05	3.17E-06	7.43E-03	5.35E-04	8.45E-03	6.10E-04	9.81E-03	7.27E-04	1.88E-03	1.35E-04	3.49E-04	2.51E-05	1.01E-04	7.26E-06	2.38E-04	1.72E-05	2.45E-05	2.45E-05	6.07E-01	9.15E-02	1.43E+00	1.45E-01
2759	Residential	1.57E-04	1.15E-05	3.35E-05	2.46E-06	1.84E-03	1.35E-04	1.92E-03	1.41E-04	2.19E-03	1.61E-04	4.33E-05	3.18E-06	7.33E-03	5.37E-04	8.57E-03	6.29E-04	1.19E-02	8.75E-04	1.86E-03	1.36E-04	3.43E-04	2.51E-05	9.93E-05	7.28E-06	2.35E-04	1.72E-05	2.73E-05	2.73E-05	4.99E-01	9.38E-02	1.15E+00	1.57E-01
2760	Residential	1.43E-04	1.07E-05	3.14E-05	2.35E-06	1.63E-03	1.23E-04	1.72E-03	1.29E-04	2.06E-03	1.54E-04	3.81E-05	2.87E-06	6.48E-03	4.88E-04	7.83E-03	5.87E-04	1.29E-02	9.53E-04	1.65E-03	1.24E-04	3.02E-04	2.27E-05	8.74E-05	6.59E-06	2.07E-04	1.56E-05	2.77E-05	2.77E-05	4.59E-01	9.44E-02	8.86E-01	1.66E-01
2761	Residential	1.14E-04	8.86E-06	2.38E-05	1.85E-06	1.36E-03	1.06E-04	1.41E-03	1.10E-04	1.55E-03	1.20E-04	3.22E-05	2.51E-06	5.43E-03	4.23E-04	6.20E-03	4.82E-04	7.38E-03	5.64E-04	1.37E-03	1.07E-04	2.55E-04	1.99E-05	7.38E-05	5.75E-06	1.74E-04	1.36E-05	1.92E-05	1.92E-05	4.43E-01	6.54E-02	9.72E-01	1.08E-01
2762	Residential	1.05E-04	7.68E-06	2.14E-05	1.57E-06	1.28E-03	9.37E-05	1.31E-03	9.64E-05	1.39E-03	1.02E-04	3.02E-05	2.22E-06	5.09E-03	3.73E-04	5.67E-03	4.16E-04	5.61E-03	5.06E-04	1.28E-03	9.43E-05	2.39E-04	1.76E-05	6.92E-05	5.08E-06	1.64E-04	1.20E-05	1.56E-05	1.56E-05	4.95E-01	6.20E-02	1.17E+00	1.25E-01
2763	Residential	8.73E-05	6.45E-06	1.76E-05	1.38E-06	1.08E-03	7.63E-05	1.10E-03	7.90E-05	1.14E-03	9.01E-05	2.55E-05	1.81E-06	4.30E-03	3.04E-04	4.72E-03	3.52E-04	4.31E-03	5.84E-04	1.08E-03	7.68E-05	2.02E-04	1.43E-05	5.85E-05	4.15E-06	1.38E-04	9.81E-06	1.57E-05	1.57E-05	5.52E-01	6.84E-02	1.32E+00	1.38E-01
2764	Residential	6.92E-05	6.35E-06	1.38E-05	1.43E-06	8.61E-04	7.38E-05	8.81E-04	7.70E-05	8.95E-04	9.40E-05	2.05E-05	1.74E-06	3.44E-03	2.94E-04	3.74E-03	3.49E-04	4.14E-03	6.52E-04	8.65E-04	7.45E-05	1.62E-04	1.38E-05	4.69E-05	3.98E-06	1.11E-04	9.41E-06	1.78E-05	1.78E-05	5.76E-01	7.53E-02	1.38E+00	1.49E-01
2765	Residential	5.42E-05	7.86E-06	1.12E-05	1.74E-06	6.55E-04	8.88E-05	6.76E-04	9.39E-05	7.29E-04	1.15E-04	1.55E-05	2.08E-06	2.61E-03	3.53E-04	2.94E-03	4.32E-04	4.04E-03	7.55E-04	6.60E-04	9.00E-05	1.23E-04	1.64E-05	3.55E-05	4.76E-06	8.39E-05	1.12E-05	2.12E-05	2.12E-05	5.64E-01	8.55E-02	1.25E+00	1.61E-01
2766	Residential	5.16E-05	8.54E-06	1.05E-05	1.88E-06	6.32E-04	9.70E-05	6.50E-04	1.02E-04	6.82E-04	1.24E-04	1.50E-05	2.27E-06	2.52E-03	3.86E-04	2.80E-03	4.68E-04	4.57E-03	7.92E-04	6.36E-04	9.82E-05	1.19E-04	1.80E-05	3.43E-05	5.20E-06	8.12E-05	1.23E-05	2.26E-05	2.26E-05	5.54E-01	8.96E-02	1.13E+00	1.66E-01
2767	Residential	4.62E-05	9.24E-06	9.59E-06	2.02E-06	5.60E-04	1.06E-04	5.75E-04	1.11E-04	6.24E-04	1.33E-04	1.33E-05	2.48E-06	2.24E-03	4.21E-04	2.51E-03	5.06E-04	5.13E-03	8.21E-04	5.63E-04	1.07E-04	1.05E-04	1.96E-05	3.05E-05	5.68E-06	7.21E-05	1.34E-05	2.38E-05	2.38E-05	5.41E-01	9.31E-02	9.17E-01	1.90E-01
2768	Residential	4.01E-05	9.70E-06	8.19E-06	2.11E-06	4.89E-04	1.12E-04	5.03E-04	1.17E-04	5.39E-04	1.38E-04	1.16E-05	2.63E-06	1.95E-03	4.45E-04	2.17E-03	5.31E-04	5.42E-03	8.23E-04	4.92E-04	1.13E-04	9.16E-05	2.08E-05	2.65E-05	6.02E-06	6.27E-05	1.42E-05	2.44E-05	2.44E-05	5.34E-01	9.73E-02	9.51E-01	2.18E-01
2769	Residential	4.14E-05	1.02E-05	9.14E-06	2.21E-06	4.70E-04	1.18E-04	4.95E-04	1.24E-04	6.01E-04	1.45E-04	1.11E-05	2.77E-06	1.87E-03	4.70E-04	2.27E-03	5.59E-04	5.10E-03	8.57E-04	4.75E-04	1.19E-04	8.81E-05	2.19E-05	2.55E-05	6.35E-06	6.03E-05	1.50E-05	2.55E-05	2.55E-05	5.10E-01	1.12E-01	1.08E+00	2.44E-01
2770	Residential	4.35E-05	1.15E-05	9.44E-06	2.49E-06	5.02E-04	1.33E-04	5.27E-04	1.40E-04	6.19E-04	1.63E-04	1.18E-05	3.13E-06	2.00E-03	5.31E-04	2.38E-03	6.30E-04	5.91E-03	9.47E-04	5.07E-04	1.35E-04	9.32E-05	2.48E-05	2.70E-05	7.18E-06	6.38E-05	1.70E-05	2.85E-05	2.85E-05	4.40E-01	1.34E-01	1.16E+00	2.39E-01

Scenario 1 Results

2771 Residential	4.23E-05	1.24E-05	9.03E-06	2.67E-06	4.95E-04	1.44E-04	5.17E-04	1.51E-04	5.91E-04	1.75E-04	1.16E-05	3.39E-06	1.97E-03	5.74E-04	2.31E-03	6.79E-04	6.77E-03	9.99E-04	5.00E-04	1.46E-04	9.22E-05	2.68E-05	2.67E-05	7.77E-06	6.31E-05	1.84E-05	3.03E-05	3.03E-05	4.65E-01	1.40E-01	1.16E+00	2.16E-01
2772 Residential	4.36E-05	1.32E-05	9.63E-06	2.83E-06	4.94E-04	1.54E-04	5.22E-04	1.61E-04	6.33E-04	1.85E-04	1.16E-05	3.62E-06	1.96E-03	6.12E-04	2.39E-03	7.20E-04	6.34E-03	1.03E-03	5.00E-04	1.55E-04	9.15E-05	2.86E-05	2.65E-05	8.29E-06	6.26E-05	1.96E-05	3.17E-05	3.17E-05	4.99E-01	1.29E-01	1.30E+00	1.82E-01
2773 Residential	4.94E-05	1.33E-05	1.10E-05	2.85E-06	5.73E-04	1.56E-04	5.94E-04	1.63E-04	7.21E-04	1.86E-04	1.35E-05	3.67E-06	2.28E-03	6.20E-04	2.71E-03	7.27E-04	4.74E-03	1.02E-03	5.78E-04	1.57E-04	1.07E-04	2.90E-05	3.10E-05	8.40E-06	7.33E-05	1.99E-05	3.17E-05	3.17E-05	5.43E-01	1.19E-01	1.51E+00	1.74E-01
2774 Residential	5.46E-05	1.29E-05	1.21E-05	2.77E-06	6.84E-04	1.54E-04	6.85E-04	1.59E-04	7.99E-04	1.81E-04	1.64E-05	3.63E-06	2.74E-03	6.13E-04	3.00E-03	7.06E-04	5.30E-03	9.91E-04	6.85E-04	1.55E-04	1.30E-04	2.87E-05	3.76E-05	8.32E-06	8.90E-05	1.97E-05	3.08E-05	3.08E-05	6.92E-01	1.15E-01	1.41E+00	1.93E-01
2775 Residential	6.04E-05	1.48E-05	1.34E-05	3.06E-06	6.81E-04	1.79E-04	7.21E-04	1.85E-04	8.84E-04	1.99E-04	1.61E-05	4.24E-06	2.71E-03	7.15E-04	3.32E-03	8.06E-04	5.85E-03	9.27E-04	6.90E-04	1.81E-04	1.27E-04	3.36E-05	3.68E-05	9.72E-06	8.70E-05	2.30E-05	3.10E-05	3.10E-05	6.95E-01	1.15E-01	1.36E+00	2.02E-01
2776 Residential	6.51E-05	1.47E-05	1.44E-05	3.01E-06	7.60E-04	1.79E-04	7.78E-04	1.85E-04	9.50E-04	1.96E-04	1.80E-05	4.25E-06	3.03E-03	7.15E-04	3.58E-03	7.98E-04	6.21E-03	9.04E-04	7.64E-04	1.81E-04	1.43E-04	3.36E-05	4.14E-05	9.73E-06	9.78E-05	2.30E-05	2.97E-05	2.97E-05	4.66E-01	1.31E-01	1.31E+00	1.78E-01
2777 Residential	6.73E-05	1.26E-05	1.49E-05	2.57E-06	7.63E-04	1.54E-04	8.06E-04	1.59E-04	9.78E-04	1.67E-04	1.78E-05	3.65E-06	3.03E-03	6.15E-04	3.69E-03	6.84E-04	6.32E-03	8.80E-04	7.72E-04	1.55E-04	1.41E-04	2.89E-05	4.09E-05	8.37E-06	9.67E-05	1.98E-05	2.69E-05	2.69E-05	5.30E-01	1.32E-01	1.55E+00	1.68E-01
2778 Residential	6.87E-05	1.19E-05	1.51E-05	2.46E-06	7.81E-04	1.45E-04	8.24E-04	1.50E-04	9.96E-04	1.60E-04	1.83E-05	3.43E-06	3.11E-03	5.78E-04	3.77E-03	6.49E-04	6.36E-03	7.98E-04	7.91E-04	1.46E-04	1.45E-04	2.72E-05	4.19E-05	7.86E-06	9.90E-05	1.86E-05	2.45E-05	2.45E-05	6.61E-01	1.28E-01	3.04E+00	1.64E-01
2779 Residential	6.78E-05	1.19E-05	1.49E-05	2.44E-06	7.71E-04	1.45E-04	8.13E-04	1.49E-04	9.83E-04	1.58E-04	1.80E-05	3.43E-06	3.06E-03	5.77E-04	3.72E-03	6.45E-04	6.28E-03	7.77E-04	7.80E-04	1.46E-04	1.43E-04	2.71E-05	4.13E-05	7.85E-06	9.77E-05	1.86E-05	2.42E-05	2.42E-05	1.13E+00	1.13E-01	3.34E+00	1.79E-01
2780 Residential	6.39E-05	1.10E-05	1.41E-05	2.37E-06	7.52E-04	1.31E-04	7.68E-04	1.34E-04	9.29E-04	1.55E-04	1.79E-05	3.09E-06	3.00E-03	5.20E-04	3.51E-03	6.03E-04	6.02E-03	8.82E-04	7.55E-04	1.31E-04	1.41E-04	2.45E-05	4.09E-05	7.08E-06	9.68E-05	1.67E-05	2.69E-05	2.69E-05	1.16E+00	1.03E-01	2.52E+00	1.53E-01
2781 Residential	5.82E-05	1.15E-05	1.29E-05	2.47E-06	7.21E-04	1.34E-04	7.37E-04	1.40E-04	8.51E-04	1.62E-04	1.71E-05	3.15E-06	2.88E-03	5.34E-04	3.20E-03	6.29E-04	5.62E-03	9.09E-04	7.24E-04	1.36E-04	1.36E-04	2.50E-05	3.92E-05	7.23E-06	9.28E-05	1.71E-05	2.78E-05	2.78E-05	5.19E-01	1.04E-01	1.25E+00	1.54E-01
2782 Residential	6.00E-05	1.08E-05	1.19E-05	2.31E-06	7.48E-04	1.26E-04	7.64E-04	1.31E-04	7.72E-04	1.51E-04	1.78E-05	2.95E-06	2.98E-03	5.00E-04	3.24E-03	5.88E-04	4.98E-03	8.50E-04	7.52E-04	1.27E-04	1.41E-04	2.34E-05	4.07E-05	6.76E-06	9.63E-05	1.60E-05	2.60E-05	2.60E-05	8.64E-01	9.84E-02	1.01E+00	1.94E-01
2783 Residential	5.76E-05	1.11E-05	1.15E-05	2.39E-06	7.16E-04	1.30E-04	7.33E-04	1.36E-04	7.45E-04	1.56E-04	1.70E-05	3.06E-06	2.86E-03	5.18E-04	3.11E-03	6.09E-04	4.30E-03	8.66E-04	7.20E-04	1.32E-04	1.35E-04	2.42E-05	3.90E-05	7.02E-06	9.21E-05	1.66E-05	2.67E-05	2.67E-05	1.04E+00	1.32E-01	8.81E-01	2.20E-01
2784 Residential	6.27E-05	1.55E-05	1.25E-05	3.26E-06	7.81E-04	1.84E-04	7.98E-04	1.91E-04	8.09E-04	2.13E-04	1.85E-05	4.34E-06	3.12E-03	7.34E-04	3.39E-03	8.44E-04	3.18E-03	1.06E-03	7.85E-04	1.86E-04	1.47E-04	3.44E-05	4.25E-05	9.95E-06	1.00E-04	2.35E-05	3.48E-05	3.48E-05	5.81E-01	1.70E-01	6.85E-01	1.90E-01
2785 Residential	5.76E-05	1.36E-05	1.20E-05	2.89E-06	6.89E-04	1.60E-04	7.14E-04	1.67E-04	7.83E-04	1.89E-04	1.63E-05	3.77E-06	2.74E-03	6.38E-04	3.13E-03	7.43E-04	4.06E-03	9.99E-04	6.94E-04	1.62E-04	1.29E-04	2.99E-05	3.73E-05	8.65E-06	8.81E-05	2.04E-05	3.17E-05	3.17E-05	7.00E-01	1.33E-01	1.25E+00	1.67E-01
1 Gridded	2.58E-05	1.66E-06	5.73E-06	3.61E-07	2.91E-04	1.91E-05	3.08E-04	2.01E-05	3.78E-04	2.37E-05	6.81E-06	4.48E-07	1.16E-03	7.61E-05	1.42E-03	9.09E-05	2.50E-03	1.88E-04	2.95E-04	1.93E-05	5.39E-05	3.55E-06	1.56E-05	1.03E-06	3.69E-05	2.43E-06	4.28E-06	4.28E-06	9.61E-02	9.20E-03	1.60E-01	1.69E-02
2 Gridded	2.31E-05	1.62E-06	5.23E-06	3.55E-07	2.56E-04	1.86E-05	2.73E-04	1.95E-05	3.45E-04	2.33E-05	5.96E-06	4.35E-07	1.02E-03	7.39E-05	1.27E-03	8.89E-05	2.46E-03	1.91E-04	2.60E-04	1.88E-05	4.72E-05	3.45E-06	1.37E-05	9.98E-07	3.23E-05	2.36E-06	4.18E-06	4.18E-06	8.84E-02	9.78E-03	1.80E-01	1.66E-02
3 Gridded	1.64E-05	1.62E-06	3.76E-06	3.50E-07	1.78E-04	1.87E-05	1.91E-04	1.96E-05	2.49E-04	2.30E-05	4.14E-06	4.40E-07	7.08E-04	7.46E-05	9.05E-04	8.86E-05	1.88E-03	1.68E-04	1.81E-04	1.89E-05	3.28E-05	3.48E-06	9.49E-06	1.01E-06	2.24E-05	2.38E-06	4.02E-06	4.02E-06	6.87E-02	9.84E-03	1.83E-01	1.91E-02
4 Gridded	1.79E-05	1.82E-06	3.46E-06	3.95E-07	2.28E-04	2.11E-05	2.32E-04	2.21E-05	2.23E-04	2.59E-05	5.45E-06	4.96E-07	9.12E-04	8.41E-05	9.62E-04	9.98E-05	2.13E-03	1.51E-04	2.29E-04	2.13E-05	4.31E-05	3.93E-06	1.25E-05	1.14E-06	2.95E-05	2.69E-06	4.53E-06	4.53E-06	7.15E-02	1.19E-02	1.59E-01	2.33E-02
5 Gridded	2.17E-05	1.79E-06	4.34E-06	3.89E-07	2.71E-04	2.06E-05	2.77E-04	2.16E-05	2.81E-04	2.55E-05	6.43E-06	4.82E-07	1.08E-03	8.18E-05	1.17E-03	9.79E-05	2.01E-03	1.62E-04	2.72E-04	2.08E-05	5.09E-05	3.82E-06	1.47E-05	1.11E-06	3.48E-05	2.61E-06	4.52E-06	4.52E-06	9.02E-02	1.31E-02	2.18E-01	2.48E-02
6 Gridded	2.02E-05	1.57E-06	4.22E-06	3.43E-07	2.42E-04	1.79E-05	2.50E-04	1.89E-05	2.75E-04	2.26E-05	5.70E-06	4.20E-07	9.63E-04	7.13E-05	1.10E-03	8.59E-05	2.05E-03	1.61E-04	2.44E-04	1.81E-05	4.52E-05	3.33E-06	1.31E-05	9.63E-07	3.09E-05	2.28E-06	4.31E-06	4.31E-06	1.21E-01	1.24E-02	2.34E-01	2.41E-02
7 Gridded	1.51E-05	1.37E-06	3.40E-06	3.01E-07	1.72E-04	1.56E-05	1.80E-04	1.65E-05	2.24E-04	1.98E-05	4.06E-06	3.66E-07	6.84E-04	6.21E-05	8.34E-04	7.51E-05	2.06E-03	1.43E-04	1.73E-04	1.58E-05	3.21E-05	2.90E-06	9.30E-06	8.38E-07	2.20E-05	1.98E-06	3.60E-06	3.60E-06	1.35E-01	1.31E-02	2.69E-01	2.29E-02
8 Gridded	1.53E-05	1.27E-06	3.07E-06	2.80E-07	2.00E-04	1.66E-05	2.01E-04	1.66E-05	1.99E-04	1.84E-05	4.79E-06	3.97E-07	8.00E-04	6.62E-05	8.29E-04	6.97E-05	1.96E-03	1.25E-04	2.00E-04	1.66E-05	3.80E-05	3.14E-06	1.10E-05	9.10E-07	2.60E-05	2.15E-06	3.35E-06	3.35E-06	1.34E-01	1.69E-02	2.67E-01	3.24E-02
9 Gridded	2.14E-05	2.13E-06	4.15E-06	4.04E-07	2.75E-04	2.77E-05	2.78E-04	2.79E-05	2.69E-04	2.58E-05	6.55E-06	6.62E-07	1.10E-03	1.11E-04	1.15E-03	1.14E-04	1.72E-03	1.09E-04	2.75E-04	2.78E-05	5.19E-05	5.24E-06	1.50E-05	1.52E-06	3.55E-05	3.59E-06	3.08E-06	3.08E-06	8.84E-02	1.63E-02	2.17E-01	3.65E-02
10 Gridded	2.15E-05	2.69E-06	4.63E-06	5.35E-07	2.56E-04	3.35E-05	2.63E-04	3.42E-05	3.03E-04	3.46E-05	6.09E-06	7.95E-07	1.02E-03	1.34E-04	1.18E-03	1.45E-04	1.70E-03	1.31E-04	2.57E-04	3.36E-05	4.82E-05	6.29E-06	1.40E-05	1.82E-06	3.30E-05	4.31E-06	4.86E-06	4.86E-06	1.14E-01	1.28E-02	2.42E-01	2.90E-02
11 Gridded	2.19E-05	2.85E-06	4.63E-06	6.10E-07	2.60E-04	3.33E-05	2.70E-04	3.48E-05	3.02E-04	3.99E-05	6.12E-06	7.84E-07	1.03E-03	1.33E-04	1.19E-03	1.56E-04	2.32E-03	2.21E-04	2.62E-04	3.37E-05	4.85E-05	6.21E-06	1.40E-05	1.80E-06	3.32E-05	4.25E-06	6.82E-06	6.82E-06	1.22E-01	1.35E-02	2.63E-01	2.22E-02
12 Gridded	1.95E-05	2.93E-06	4.33E-06	6.55E-07	2.40E-04	3.29E-05	2.46E-04	3.48E-05	2.86E-04	4.31E-05	5.69E-06	7.67E-07	9.57E-04	1.31E-04	1.06E-03	1.61E-04	2.29E-03	2.93E-04	2.41E-04	3.33E-05	4.50E-05	6.07E-06	1.30E-05	1.76E-06	3.08E-05	4.15E-06	8.08E-06	8.08E-06	1.22E-01	1.32E-02	2.51E-01	2.43E-02
13 Gridded	2.48E-05	2.72E-06	5.48E-06	6.15E-07	2.82E-04	3.01E-05	2.98E-04	3.21E-05	3.60E-04	4.06E-05	6.61E-06	7.02E-07	1.12E-03	1.20E-04	1.36E-03	1.50E-04	2.31E-03	2.90E-04	2.86E-04	3.06E-05	5.23E-05	5.56E-06	1.51E-05	1.61E-06	3.58E-05	3.80E-06	7.80E-06	7.80E-06	1.35E-01	1.18E-02	3.26E-01	2.38E-02
14 Gridded	3.91E-05	2.11E-06	8.80E-06	4.91E-07	4.35E-04	2.35E-05	4.62E-04	2.50E-05	5.80E-04	3.27E-05	1.01E-05	5.48E-07	1.73E-03	9.34E-05	2.15E-03	1.16E-04	4.06E-03	2.80E-04	4.41E-04	2.38E-05	8.02E-05	4.34E-06	2.32E-05	1.26E-06	5.49E-05	2.97E-06	6.90E-06	6.90E-06	1.13E-01	1.04E-02	2.50E-01	2.29E-02
15 Gridded	3.16E-05	1.93E-06	7.24E-06	4.22E-07	3.46E-04	2.22E-05	3.70E-04	2.33E-05	4.79E-04	2.77E-05	8.04E-06	5.20E-07	1.37E-03	8.83E-05	1.75E-03	1.06E-04	3.57E-03	2.64E-04	3.51E-04	2.24E-05	6.36E-05	4.12E-06	1.84E-05	1.19E-06	4.35E-05	2.82E-06	5.73E-06	5.73E-06	1.11E-01	1.16E-02	2.47E-01	2.08E-02
16 Gridded	2.50E-05	2.67E-06	4.93E-06	5.75E-07	3.16E-04	3.10E-05	3.21E-04	3.24E-05	3.17E-04	3.76E-05	7.51E-06	7.28E-07	1.26E-03	1.23E-04	1.35E-03	1.46E-04	2.45E-03	2.15E-04	3.17E-04	3.13E-05	5.94E-05	5.76E-06	1.72E-05	1.67E-06	4.07E-05	3.94E-06	6.52E-06	6.52E-06	1.61E-01	1.32E-02	3.44E-01	2.54E-02
17 Gridded	2.89E-05	3.54E-06	6.23E-06	7.70E-07	3.36E-04	4.07E-05	3.52E-04	4.27E-05	4.08E-04	5.06E-05	7.89E-06	9.53E-07	1.34E-03	1.62E-04	1.58E-03	1.94E-04	2.34E-03	3.06E-04	3.39E-04	4.11E-05	6.24E-05	7.55E-06	1.81E-05	2.18E-06	4.27E-05	5.16E-06	8.98E-06	8.98E-06	1.22E-01	1.15E-02	2.51E-01	2.23E-02
18 Gridded	2.86E-05	3.78E-06	6.29E-06	8.47E-07	3.27E-04	4.22E-05	3.44E-04	4.48E-05	4.13E-04	5.59E-05	7.65E-06	9.84E-07	1.30E-03	1.68E-04	1.57E-03	2.08E-04	2.60E-03	3.85E-04	3.30E-04	4.28E-05	6.05E-05	7.79E-06	1.75E-05	2.26E-06	4.14E-05	5.33E-06	1.06E-05	1.06E-05	1.26E-01	8.27E-03	2.17E-01	1.48E-02
19 Gridded	2.98E-05	2.89E-06	6.82E-06	6.81E-07	3.27E-04	3.04E-05	3.49E-04	3.30E-05	4.51E-04	4.53E-05	7.60E-06	7.03E-07	1.30E-03	1.21E-04	1.65E-03	1.60E-04	3.35E-03	3.77E-04	3.32E-04	3.10E-05	6.01E-05	5.56E-06	1.74E-05	1.61E-06	4.11E-05	3.81E-06	9.41E-06	9.41E-06	1.18E-01	6.66E-03	2.36E-01	1.19E-02
20 Gridded	2.10E-05	1.66E-06	4.60E-06	3.77E-07	2.40E-04	1.83E-05	2.53E-04	1.95E-05	3.02E-04	2.49E-05	5.63E-06	4.26E-07	9.56E-04	7.27E-05	1.15E-03	9.17E-05	2.54E-03	2.17E-04	2.43E-04	1.86E-05	4.46E-05	3.37E-06	1.29E-05	9.77E-07	3.05E-05	2.31E-06	5.02E-06	5.02E-06	9.83E-02	7.14E-03	2.18E-01	1.22E-02
21 Gridded	2.31E-05	1.48E-06	4.83E-06	3.13E-07	2.77E-04	1.76E-05	2.87E-04	1.83E-05	3.15E-04	2.04E-05	6.55E-06	4.14E-07	1.10E-03	7.00E-05	1.26E-03	8.07E-05	2.03E-03	1.27E-04	2.79E-04	1.77E-05	5.18E-05	3.28E-06	1.50E-05	9.49E-07	3.55E-05	2.24E-06	3.36E-06	3.36E-06	1.09E-01	8.22E-03	1.92E-01	1.20E-02
22 Gridded	2.98E-05	1.85E-06	6.57E-06	4.11E-07	3.38E-04	2.10E-05	3.56E-04	2.22E-05	4.33E-04	2.71E-05	7.89E-06	4.90E-07	1.34E-03	8.33E-05	1.63E-03	1.02E-04	2.79E-03	1.78E-04	3.42E-04	2.12E-05	6.25E-05	3.88E-06	1.81E-05	1.12E-06	4.28E-05	2.65E-06	4.99E-06	4.99E-06	1.06E-01	8.09E-03	1.92E-01	1.18E-02
23 Gridded	2.47E-05	1.74E-06	5.67E-06	3.93E-07	2.70E-04	1.92E-05	2.89E-04	2.04E-05	3.75E-04	2.60E-05	6.27E-06	4.47E-07	1.07E-03	7.62E-05	1.37E-03	9.57E-05	2.82E-03	1.86E-04	2.74E-04	1.95E-05	4.97E-05	3.54E-06	1.44E-05	1.02E-06	3.40E-05	2.42E-06	5.00E-06	5.00E-06	1.02E-01	7.71E-03	2.06E-01	1.28E-02
24 Gridded	1.54E-05	1.47E-06	3.32E-06	3.29E-07	1.84E-04	1.64E-05	1.91E-04	1.74E-05	2.20E-04	2.17E-05	4.34E-06	3.81E-07	7.33E-04	6.50E-05	8.41E-04	8.07E-05	1.71E-03	1.50E-04	1.86E-04	1.66E-05	3.44E-05	3.02E-06	9.95E-06	8.74E-07	2.35E-05	2.07E-06	4.11E-06	4.11E-06	9.50E-02	6.81E-03	1.61E-01	1.25E-02
25 Gridded	2.05E-05	1.50E-06	4.45E-06	3.27E-07	2.36E-04	1.77E-05	2.47E-04	1.84E-05	2.92E-04	2.16E-05	5.52E-06	4.15E-07	9.37E-04	7.03E-05	1.12E-03	8.21E-05	1.75E-03	1.47E-04	2.38E-04	1.78E-05	4.37E-05	3.29E-06	1.27E-05	9.52E-07	2.99E-05	2.25E-06	4.05E-06	4.05E-06	8.97E-02	9.49E-03	1.61E-01	1.71E-02
26 Gridded	1.67E-05	1.83E-06	3.71E-06	3.98E-07	1.89E-04	2.12E-05	1.99E-04	2.22E-05	2.44E-04	2.61E-05	4.42E-06	4.97E-07	7.51E-04	8.43E-05	9.18E-04	1.00E-04	1.70E-03	1.54E-04	1.91E-04	2.14E-05	3.50E-05	3.94E-06	1.01E-05	1.14E-06	2.40E-05	2.69E-06	4.59E-06	4.59E-06	1.07E-01	1.07E-02	1.94E-01	1.89E-02
27 Gridded	2.23E-05	1.87E-06	4.69E-06	4.03E-07	2.65E-04	2.17E-05	2.75E-04	2.27E-05	3.06E-04	2.64E-05	6.24E-06	5.09E-07	1.06E-03	8.62E-05	1.21E-03	1.02E-04	1.87E-03	1.65E-04	2.67E-04	2.19E-05	4.94E-05	4.03E-06	1.43E-05	1.17E-06	3.38E-05	2.76E-06	4.61E-06	4.61E-06	1.05E-01	1.13E-02	1.75E-01	1.93E-02
28 Gridded	2.06E-05	2.24E-06	4.48E-06	4.87E-07	2.38E-04	2.58E-05	2.50E-04	2.71E-05	2.95E-04	3.19E-05	5.59E-06	6.06E-07	9.48E-04	1.03E-04	1.13E-03	1.23E-04	2.03E-03	1.91E-04	2.41E-04	2.61E-05	4.43E-05	4.80E-06	1.28E-05	1.39E-06	3.03E-05	3.28E-06	5.64E-06	5.64E-06	8.73E-02	1.02E-02	1.39E-01	1.63E-02
29 Gridded	1.39E-05	1.64E-06	2.97E-06	3.68E-07	1.80E-04	1.84E-05	1.82E-04	1.95E-05	1.95E-04	2.43E-05	4.30E-06	4.29E-07	7.19E-04	7.30E-05	7.47E-04	9.04E-05	1.36E-03	1.67E-04	1.80E-04	1.86E-05	3.41E-05	3.39E-06	9.86E-06	9.82E-07	2.33E-05	2.32E-06	4.57E-06	4.57E-06	7.32E-02	7.41E-03	1.46E-01	1.27E-02
30 Gridded	1.55E-05	1.18E-06	3.01E-06	2.58E-07	1.97E-04	1.36E-05	2.00E-04	1.43E-05	1.93E-04	1.69E-05	4.70E-06	3.18E-07	7.87E-04	5.40E-05	8.33E-04	6.47E-05	1.07E-03	1.03E-04	1.98E-04	1.37E-05	3.72E-05	2.52E-06	1.08E-05	7.29E-07	2.55E-05	1.72E-06	3.02E-06	3.02E-06	5.32E-02	7.07E-03	1.21E-01	1.26E-02
31 Gridded	1.78E-05	1.15E-06	3.51E-06	2.56E-07	2.24E-04	1.29E-05	2.28E-04	1.37E-05	2.26E-04	1.69E-05	5.33E-06	3.02E-07	8.95E-04	5.14E-05	9.61E-04	6.32E-05	1.15E-03	1.13E-04	2.25E-04	1.31E-05	4.22E-05	2.39E-06	1.22E-05	6.92E-07	2.89E-05	1.64E-06	3.14E-06	3.14E-06	8.12E-02	7.43E-03	1.67E-01	1.30E-02
32 Gridded	1.80E-05	1.43E-06	3.58E-06	3.10E-07	2.24E-04	1.65E-05	2.29E-04	1.73E-05	2.31E-04	2.03E-05	5.32E-06	3.88E-07	8.94E-04	6.58E-05	9.70E-04	7.83E-05	1.29E-03	1.32E-04	2.25E-04	1.67E-05	4.21E-05	3.07E-06	1.22E-05	8.89E-07	2.88E-05	2.10E-06	3.57E-06	3.57E-06	9.05E-02	6.69E-03	1.81E-01	1.44E-02
33 Gridded	1.70E-05	1.57E-06	3.42E-06	3.50E-07	2.10E-04	1.77E-05	2.15E-04	1.87E-05	2.21E-04	2.30E-05	4.98E-06	4.13E-07	8.37E-04	7.02E-05	9.18E-04	8.64E-05	1.44E-03	1.54E-04	2.11E-04	1.79E-05	3.94E-05	3.27E-06	1.14E-05	9.46E-07	2.70E-05	2.24E-06	4.29E-06	4.29E-06	6.43E-02	6.17E-03	1.71E-01	1.64E-02
34 Gridded	1.58E-05	1.36E-06	3.22E-06	3.07E-07	1.93E-04	1.50E-05	1.99E-04	1.60E-05	2.09E-04	2.03E-05	4.57E-06	3.49E-07	7.69E-04	5.96E-05	8.56E-04	7.47E-05	1.23E-03	1.45E-04	1.94E-04	1.52E-05	3.62E-05	2.77E-06	1.05E-05	8.00E-07	2.48E-05	1.89E-06	3.90E-06	3.90E-06	5.30E-02	6.21E-03	1.76E-01	1.83E-02
35 Gridded	1.46E-05	1.02E-06	3.03E-06	2.32E-07	1.77E-04	1.21E-05	1.82E-04	1.26E-05	1.97E-04	1.53E-05	4.17E-06	2.86E-07	7.04E-04	4.83E-05	7.96E-04	5.64E-05	1.08E-03	1.10E-04	1.78E-04	1.22E-05	3.30E-05	2.26E-06	9.56E-06	6.55E-07	2.26E-05	1.55E-06	2.95E-06	2.95E-06	7.67E-02	6.48E-03	2.17E-01	1.99E-02
36 Gridded	1.68E-05	1.12E-06	3.61E-06	2.44E-07	1.96E-04	1.29E-05	2.05E-04	1.35E-05	2.36E-04	1.60E-05	4.61E-06	3.03E-07	7.80E-04	5.12E-05	9.18E-04	6.13E-05	1.34E-03	9.64E-05	1.98E-04	1.30E-05	3.65E-05	2.40E-06	1.06E-05	6.94E-07	2.50E-05	1.64E-06	2.84E-06	2.84E-06	9.28E-02	7.11E-03	1.86E-01	2.04E-02
37 Gridded	1.72E-05	1.30E-06	3.84E-06	2.87E-07	1.93E-04	1.48E-05	2.04E-04	1.56E-05	2.53E-04	1.89E-05	4.50E-06	3.47E-07	7.66E-04	5.89E-05	9.46E-04	7.15E-05	1.72E-03	1.20E-04	1.95E-04	1.50E-05	3.56E-05	2.75E-06	1.03E-05	7.95E-07	2.44E-05	1.88E-06	3.43E-06	3.43E-06	8.30E-02	7.93E-03	1.81E-01	1.93E-02
38 Gridded	1.42E-05	1.34E-06	3.15E-06	2.93E-07	1.61E-04	1.62E-05	1.70E-04	1.67E-05	2.07E-04	1.93E-05	3.85E-06	3.83E-07	6.44E-04	6.46E-05	7.82E-04	7.28E-05	1.35E-03	1.31E-04	1.63E-04	1.63E-05	3.05E-05	3.03E-06	8.82E-06	8.78E-07	2.08E-05	2.07E-06	3.62E-06	3.62E-06	7.78E-02	8.62E-03	1.83E-01	1.70E-02
39 Gridded	1.73E-05	1.76E-06	3.76E-06	3.54E-07	2.23E-04	2.17E-05	2.26E-04	2.22E-05	2.48E-04	2.29E-05	5.33E-06	5.15E-07	8.92E-04	8.65E-05	9.31E-04	9.50E-05	1.69E-03	1.38E-04	2.24E-04	2.18E-05	4.22E-05	4.07E-06	1.22E-05	1.18E-06	2.89E-05	2.79E-06	3.90E-06	3.90E-06	8.06E-02	8.78E-03	1.60E-01	1.44E-02
40 Gridded	2.07E-05	2.42E-06	4.00E-06	4.82E-07	2.65E-04	3.02E-05	2.68E-04	3.09E-05	2.57E-04	3.11E-05	6.31E-06	7.18E-07	1.06E-03	1.21E-04	1.11E-03	1.31E-04	1.61E-03	1.64E-04	2.65E-04	3.03E-05	5.00E-05	5.68E-06	1.45E-05	1.64E-06	3.42E-05	3.89E-06	4.57E-06	4.57E-06	6.97E-02	7.89E-03	1.21E-01	1.30E-02
41 Gridded	2.06E-05	2.98E-06	4.05E-06	5.99E-07	2.59E-04	3.69E-05	2.64E-04	3.78E-05	2.61E-04	3.88E-05	6.17E-06	8.75E-07	1.04E-03	1.47E-04	1.11E-03	1.61E-04	1.34E-03	1.70E-04	2.60E-04	3.71E-05	4.89E-05	6.92E-06	1.41E-05	2.00E-06	3.34E-05	4.74E-06	5.59E-06	5.59E-06	5.39E-02	6.89E-03	1.02E-01	1.14E-02
42 Gridded	2.20E-05	2.81E-06	4.01E-06	5.80E-07	2.93E-04	3.40E-05	2.93E-04	3.51E-05	2.55E-04	3.77E-05	7.03E-06	8.03E-07	1.17E-03	1.35E-04	1.17E-03	1.53E-04	2.06E-03	1.65E-04	2.93E-04	3.42E-05	5.57E-05	6.36E-06	1.61E-05	1.84E-06	3.81E-05	4.35E-06	5.86E-06	5.86E-06	7.64E-02	6.19E-03	1.33E-01	1.27E-02
43 Gridded	1.69E-05	1.87E-06	3.98E-06	4.01E-07	2.15E-04	2.18E-05	2.15E-04	2.28E-05	2.64E-04	2.63E-05	5.15E-06	5.12E-07	8.59E-04	8.66E-05	9.36E-04	1.02E-04	2.20E-03	1.47E-04	2.15E-04	2.20E-05	4.08E-05	4.05E-06	1.18E-05	1.17E-06	2.79E-05	2.77E-06	4.51E-06	4.51E-06	8.33E-02	7.90E-03	1.53E-01	1.65E-02
44 Gridded	1.39E-05	1.35E-06	3.12E-06	2.92E-07	1.57E-04	1.58E-05	1.64E-04	1.65E-05	2.06E-04	1.91E-05	3.68E-06	3.70E-07	6.23E-04	6.27E-05	7.64E-04	7.40E-05	1.45E-03	1.39E-04	1.58E-04	1.59E-05	2.91E-05	2.93E-06	8.43E-06	8.48E-07	1.99E-05	2.01E-06	3.67E-06	3.67E-06	6.53E-02	7.78E-03	1.52E-01	1.53E-02
45 Gridded	1.79E-05	1.35E-06	4.05E-06	3.12E-07	1.98E-04	1.50E-05	2.11E-04	1.57E-05	2.67E-04	2.07E-05	4.61E-06	3.54E-07	7.85E-04	5.97E-05	9.86E-04	7.48E-05	1.91E-03	1.59E-04	2.01E-04	1.51E-05	3.65E-05	2.80E-06	1.06E-05	8.11E-07	2.49E-05	1.92E-06	4.13E-06	4.13E-06	6.57E-02	6.52E-03	1.23E-01	1.13E-02
46 Gridded	1.79E-05	1.47E-06	3.96E-06	3.40E-07	2.03E-04	1.60E-05	2.14E-04	1.71E-05	2.61E-04	2.25E-05	4.74E-06	3.70E-07	8.06E-04	6.33E-05	9.84E-04	8.15E-05	1.85E-03	1.73E-04	2.05E-04	1.62E-05	3.75E-05	2.93E-06	1.09E-05	8.48E-07	2.57E-05	2.00E-06	4.49E-06	4.49E-06	7.51E-02	6.53E-03	1.33E-01	1.25E-02
47 Gridded	1.77E-05	1.48E-06	4.09E-06	3.37E-07	1.91E-04	1.67E-05	2.05E-04	1.77E-05	2.71E-04	2.23E-05	4.43E-06	3.90E-07	7.59E-04	6.63E-05	9.79E-04	8.18E-05	2.11E-03	1.62E-04	1.94E-04	1.69E-05	3.51E-05	3.08E-06	1.02E-05	8.93E-07	2.40E-05	2.11E-06	4.32E-06	4.32E-06	6.82E-02	7.39E-03	1.16E-01	1.19E-02
48 Gridded	1.41E-05	1.68E-06	3.18E-06	3.69E-07	1.56E-04	1.91E-05	1.66E-04	2.01E-05	2.10E-04	2.42E-05	3.63E-06	4.47E-07	6.20E-04	7.60E-05	7.76E-04	9.20E-05	1.80E-03	1.62E-04	1.58E-04	1.93E-05	2.88E-05	3.54E-06	8.33E-06	1.03E-06	1.97E-05	2.42E-06	4.50E-06	4.50E-06	5.75E-02	8.82E-03	1.12E-01	1.27E-02
49 Gridded	1.43E-05	2.00E-06	3.18E-06	4.41E-07	1.61E-04	2.27E-05	1.70E-04	2.40E-05	2.09E-04	2.90E-05	3.76E-06	5.32E-07	6.40E-04	9.04E-05	7.86E-04	1.10E-04	1.67E-03	1.86E-04	1.63E-04	2.30E-05	2.98E-05	4.21E-06	8.63E-06	1.22E-06	2.04E-05	2.88E-06	5.29E-06	5.29E-06	6.88E-02	1.04E-02	1.23E-01	1.45E-02
50 Gridded	1.69E-05	2.20E-06	3.63E-06	4.85E-07	1.98E-04	2.50E-05	2.07E-04	2.64E-05	2.37E-04	3.19E-05	4.65E-06	5.85E-07	7.87E-04	9.93E-05	9.24E-04	1.21E-04	1.64E-03	2.04E-04	2.00E-04	2.53E-05	3.68E-05	4.63E-06	1.07E-05	1.34E-06	2.52E-05	3.17E-06	5.81E-06	5.81E-06	7.35E-02	1.12E-02	1.15E-01	1.72E-02
51 Gridded	1.76E-05	2.53E-06	3.82E-06	5.45E-07	2.04E-04	2.93E-05	2.14E-04	3.07E-05	2.50E-04	3.57E-05	4.78E-06	6.89E-07	8.11E-04	1.17E-04	9.65E-04	1.38E-04	2.83E-03	2.15E-04	2.06E-04	2.96E-05	3.79E-05	5.45E-06	1.10E-05	1.58E-06	2.59E-05	3.73E-06	6.22E-06	6.22E-06	7.32E-02	1.22E-02	1.18E-01	1.89E-02
52 Gridded	2.28E-05	1.67E-06	4.98E-06	3.62E-07	2.61E-04	1.95E-05	2.75E-04	2.04E-05	3.27E-04	2.38E-05	6.12E-06	4.59E-07	1.04E-03	7.77E-05	1.25E-03	9.14E-05	2.00E-03	1.72E-04	2.64E-04	1.97E-05	4.85E-05	3.63E-06	1.40E-05	1.05E-06	3.32E-05	2.49E-06	4.30E-06	4.30E-06	8.93E-02	8.73E-03	1.49E-01	1.60E-02
53 Gridded	2.42E-05	1.66E-06	5.39E-06	3.60E-07	2.72E-04	1.91E-05	2.88E-04	2.01E-05	3.55E-04	2.36E-05	6.35E-06	4.48E-07	1.08E-03	7.60E-05	1.33E-03	9.07E-05	2.38E-03	1.83E-04	2.76E-04	1.93E-05	5.03E-05	3.55E-06	1.46E-05	1.03E-06	3.44E-05	2.43E-06	4.16E-06	4.16E-06	9.39E-02	9.54E-03	1.79E-01	1.77E-02
54 Gridded	2.00E-05	1.67E-06	4.54E-06	3.64E-07	2.21E-04	1.91E-05	2.36E-04	2.01E-05	3.00E-04	2.39E-05	5.15E-06	4.48E-07	8.78E-04	7.60E-05	1.10E-03	9.13E-05	2.15E-03	1.81E-04	2.24E-04	1.93E-05	4.08E-05	3.54E-06	1.18E-05	1.03E-06	2.79E-05	2.42E-06	4.27E-06	4.27E-06	8.19E-02	1.02E-02	1.88E-01	1.77E-02
55 Gridded	1.57E-05	1.85E-06	3.43E-06	4.01E-07	2.06E-04	2.14E-05	2.07E-04	2.25E-05	2.26E-04	2.63E-05	4.94E-06	5.03E-07	8.24E-04	8.53E-05	8.59E-04	1.01E-04	1.88E-03	1.67E-04	2.06E-04	2.17E-05	3.91E-05	3.98E-06	1.13E-05	1.15E-06	2.68E-05	2.73E-06	4.60E-06	4.60E-06	7.23E-02	1.13E-02	2.06E-01	2.17E-02
56 Gridded	2.03E-05	1.92E-06	3.93E-06	4.16E-07	2.59E-04	2.23E-05	2.63E-04	2.33E-05	2.53E-04	2.72E-05	6.19E-06	5.23E-07	1.04E-03	8.86E-05	1.09E-03	1.05E-04	2.18E-03	1.58E-04	2.60E-04	2.25E-05	4.90E-05	4.14E-06	1.42E-05	1.20E-06	3.35E-05	2.83E-06	4.75E-06	4.75E-06	8.17E-02	1.35E-02	1.70E-01	2.49E-02
57 Gridded	2.17E-05	1.81E-06	4.35E-06	3.92E-07	2.69E-04	2.08E-05	2.76E-04	2.18E-05	2.81E-04	2.57E-05	6.40E-06	4.88E-07	1.07E-03	8.28E-05	1.17E-03	9.88E-05	2.30E-03	1.67E-04	2.71E-04	2.10E-05	5.06E-05	3.87E-06	1.47E-05	1.12E-06	3.46E-05	2.65E-06	4.62E-06	4.62E-06	1.06E-01	1.40E-02	2.35E-01	2.56E-02
58 Gridded	1.79E-05	1.52E-06	3.79E-06	3.33E-07	2.13E-04	1.75E-05	2.21E-04	1.84E-05	2.47E-04	2.19E-05	5.01E-06	4.10E-07	8.47E-04	6.95E-05	9.78E-04	8.35E-05	2.28E-03	1.57E-04	2.14E-04	1.77E-05	3.97E-05	3.24E-06	1.15E-05	9.38E-07	2.71E-05	2.22E-06	4.17E-06	4.17E-06	1.31E-01	1.24E-02	2.58E-01	2.46E-02
59 Gridded	1.39E-05	1.39E-06	3.09E-06	3.04E-07	1.61E-04	1.58E-05	1.69E-04	1.67E-05	2.04E-04	2.00E-05	3.78E-06	3.71E-07	6.40E-04	6.30E-05	7.62E-04	7.60E-05	2.24E-03	1.36E-04	1.63E-04	1.60E-05	2.99E-05	2.94E-06	8.66E-06	8.50E-07	2.05E-05	2.01E-06	3.60E-06	3.60E-06	1.40E-01	1.49E-02	2.78E-01	2.50E-02
60 Gridded	1.79E-05	1.59E-06	3.48E-06	2.97E-07	2.35E-04	2.09E-05	2.36E-04	2.10E-05	2.25E-04	1.89E-05	5.62E-06	5.02E-07	9.38E-04	8.38E-05	9.60E-04	8.53E-05	2.02E-03	1.17E-04	2.35E-04	2.10E-05	4.45E-05	3.97E-06	1.29E-05	1.15E-06	3.04E-05	2.72E-06	3.16E-06	3.16E-06	1.20E-01	1.72E-02	2.61E-01	3.56E-02
61 Gridded	2.35E-05	2.56E-06	4.91E-06	4.95E-07	2.84E-04	3.27E-05	2.91E-04	3.32E-05	3.20E-04	3.18E-05	6.76E-06	7.81E-07	1.13E-03	1.31E-04	1.28E-03	1.38E-04	1.92E-03	1.16E-04	2.86E-04	3.28E-05	5.35E-05	6.18E-06	1.55E-05	1.79E-06	3.66E-05	4.23E-06	4.01E-06	4.01E-06	1.05E-01	1.55E-02	2.21E-01	3.58E-02
62 Gridded	2.34E-05	3.12E-06	5.03E-06	6.45E-07	2.81E-04	3.78E-05	2.91E-04	3.90E-05	3.32E-04	4.19E-05	6.65E-06	8.93E-07	1.12E-03	1.51E-04	1.27E-03	1.70E-04	2.28E-03	1.83E-04	2.84E-04	3.80E-05	5.26E-05	7.07E-06	1.52E-05	2.05E-06	3.60E-05	4.84E-06	6.52E-06	6.52E-06	1.35E-01	1.48E-02	2.86E-01	2.48E-02
63 Gridded	2.45E-05	3.27E-06	5.38E-06	7.19E-07	2.80E-04	3.72E-05	2.94E-04	3.92E-05	3.54E-04	4.73E-05	6.65E-06	8.71E-07	1.12E-03	1.48E-04	1.34E-03	1.79E-04	2.70E-03	3.00E-04	2.82E-04	3.76E-05	5.26E-05	6.89E-06	1.52E-05	2.00E-06	3.60E-05	4.72E-06	8.59E-06	8.59E-06	1.24E-01	1.50E-02	2.60E-01	2.55E-02
64 Gridded	2.09E-05	3.01E-06	4.41E-06	6.78E-07	2.49E-04	3.36E-05	2.58E-04	3.57E-05	2.88E-04	4.47E-05	5.86E-06	7.82E-07	9.91E-04	1.33E-04	1.14E-03	1.66E-04	2.19E-03	3.12E-04	2.51E-04	3.40E-05	4.64E-05	6.19E-06	1.34E-05	1.79E-06	3.18E-05	4.24E-06	8.49E-06	8.49E-06	1.42E-01	1.37E-02	3.27E-01	2.68E-02
65 Gridded	3.69E-05	2.41E-06	8.26E-06	5.59E-07	4.14E-04	2.61E-05	4.39E-04	2.80E-05	5.44E-04	3.70E-05	9.66E-06	6.04E-07	1.65E-03	1.03E-04	2.03E-03	1.34E-04	3.70E-03	2.88E-04	4.20E-04	2.65E-05	7.65E-05	4.78E-06	2.21E-05	1.38E-06	5.23E-05	3.27E-06	7.43E-06	7.43E-06	1.24E-01	1.17E-02	3.13E-01	2.20E-02
66 Gridded	3.70E-05	2.11E-06	8.44E-06	4.79E-07	4.06E-04	2.33E-05	4.34E-04	2.49E-05	5.58E-04	3.17E-05	9.44E-06	5.43E-07	1.61E-03	9.26E-05	2.04E-03	1.17E-04	4.12E-03	3.01E-04	4.12E-04	2.37E-05	7.48E-05	4.30E-06	2.16E-05	1.24E-06	5.12E-05	2.94E-06	6.79E-06	6.79E-06	1.21E-01	1.17E-02	2.77E-01	2.33E-02
67 Gridded	2.50E-05	2.66E-06	4.85E-06	5.72E-07	3.18E-04	3.11E-05	3.23E-04	3.25E-05	3.11E-04	3.74E-05	7.59E-06	7.30E-07	1.27E-03	1.24E-04	1.34E-03	1.45E-04	2.44E-03	2.13E-04	3.19E-04	3.14E-05	6.01E-05	5.78E-06	1.74E-05	1.67E-06	4.11E-05	3.95E-06	6.43E-06	6.43E-06	1.51E-01	1.40E-02	3.06E-01	2.67E-02
68 Gridded	2.61E-05	3.34E-06	5.51E-06	7.19E-07	3.08E-04	3.88E-05	3.21E-04	4.06E-05	3.60E-04	4.71E-05	7.26E-06	9.11E-07	1.23E-03	1.54E-04	1.42E-03	1.82E-04	1.86E-03	2.68E-04	3.11E-04	3.92E-05	5.75E-05	7.22E-06	1.66E-05	2.09E-06	3.93E-05	4.94E-06	8.15E-06	8.15E-06	1.27E-01	1.25E-02	2.57E-01	2.47E-02
69 Gridded	2.84E-05	3.86E-06	6.15E-06	8.58E-07	3.29E-04	4.36E-05	3.45E-04	4.61E-05	4.03E-04	5.65E-05	7.73E-06	1.02E-06	1.31E-03	1.73E-04	1.56E-03	2.12E-04	2.45E-03	3.73E-04	3.33E-04	4.41E-05	6.12E-05	8.06E-06	1.77E-05	2.33E-06	4.19E-05	5.52E-06	1.05E-05	1.05E-05	1.18E-01	9.06E-03	2.29E-01	1.65E-02
70 Gridded	3.04E-05	3.05E-06	6.93E-06	7.18E-07	3.34E-04	3.22E-05	3.57E-04	3.49E-05	4.58E-04	4.78E-05	7.78E-06	7.44E-07	1.33E-03	1.28E-04	1.68E-03	1.69E-04	3.36E-03	3.96E-04	3.39E-04	3.28E-05	6.16E-05	5.89E-06	1.78E-05	1.70E-06	4.21E-05	4.03E-06	9.90E-06	9.90E-06	1.18E-01	7.03E-03	2.31E-01	1.27E-02
71 Gridded	2.13E-05	1.70E-06	4.65E-06	3.83E-07	2.45E-04	1.88E-05	2.58E-04	2.00E-05	3.05E-04	2.53E-05	5.75E-06	4.38E-07	9.76E-04	7.47E-05	1.17E-03	9.34E-05	2.56E-03	2.27E-04	2.48E-04	1.91E-05	4.55E-05	3.47E-06	1.32E-05	1.00E-06	3.12E-05	2.37E-06	5.21E-06	5.21E-06	9.81E-02	7.55E-03	2.15E-01	1.29E-02
72 Gridded	2.37E-05	1.59E-06	4.95E-06	3.36E-07	2.84E-04	1.88E-05	2.94E-04	1.96E-05	3.23E-04	2.19E-05	6.71E-06	4.43E-07	1.13E-03	7.50E-05	1.29E-03	8.67E-05	2.05E-03	1.27E-04	2.87E-04	1.90E-05	5.31E-05	3.51E-06	1.54E-05	1.02E-06	3.63E-05	2.40E-06	3.63E-06	3.63E-06	1.09E-01	8.45E-03	2.00E-01	1.22E-02
73 Gridded	3.05E-05	1.95E-06	6.76E-06	4.33E-07	3.46E-04	2.19E-05	3.65E-04	2.32E-05	4.45E-04	2.85E-05	8.08E-06	5.12E-07	1.37E-03	8.71E-05	1.68E-03	1.07E-04	2.90E-03	1.90E-04	3.50E-04	2.22E-05	6.40E-05	4.05E-06	1.85E-05	1.17E-06	4.38E-05	2.77E-06	5.30E-06	5.30E-06	1.14E-01	8.41E-03	2.03E-01	1.22E-02
74 Gridded	2.58E-05	1.82E-06	5.92E-06	4.13E-07	2.82E-04	2.01E-05	3.02E-04	2.14E-05	3.91E-04	2.73E-05	6.56E-06	4.68E-07	1.12E-03	7.99E-05	1.43E-03	1.00E-04	2.93E-03	1.96E-04	2.87E-04	2.04E-05	5.19E-05	3.71E-06	1.50E-05	1.07E-06	3.55E-05	2.54E-06	5.25E-06	5.25E-06	1.15E-01	8.20E-03	2.29E-01	1.38E-02
75 Gridded	1.65E-05	1.50E-06	3.47E-06	3.37E-07	1.97E-04	1.69E-05	2.04E-04	1.78E-05	2.26E-04	2.22E-05	4.65E-06	3.95E-07	7.85E-04	6.71E-05	9.00E-04	8.27E-05	1.71E-03	1.52E-04	1.99E-04	1.71E-05	3.68E-05	3.13E-06	1.06E-05	9.06E-07	2.52E-05	2.14E-06	4.17E-06	4.17E-06	1.01E-01	7.15E-03	1.72E-01	1.32E-02
76 Gridded	2.08E-05	1.56E-06	4.54E-06	3.37E-07	2.40E-04	1.83E-05	2.52E-04	1.91E-05	2.98E-04	2.22E-05	5.62E-06	4.30E-07	9.53E-04	7.27E-05	1.14E-03	8.50E-05	1.80E-03	1.50E-04	2.42E-04	1.84E-05	4.45E-05	3.40E-06	1.29E-05	9.85E-07	3.04E-05	2.33E-06	4.15E-06	4.15E-06	9.10E-02	9.91E-03	1.66E-01	1.78E-02
77 Gridded	1.67E-05	1.87E-06	3.70E-06	4.06E-07	1.91E-04	2.16E-05	2.01E-04	2.26E-05	2.44E-04	2.66E-05	4.48E-06	5.06E-07	7.61E-04	8.58E-05	9.18E-04	1.02E-04	1.68E-03	1.58E-04	1.94E-04	2.18E-05	3.55E-05	4.01E-06	1.03E-05	1.16E-06	2.43E-05	2.74E-06	4.69E-06	4.69E-06	1.15E-01	1.12E-02	2.08E-01	1.97E-02
78 Gridded	2.39E-05	2.08E-06	5.06E-06	4.49E-07	2.83E-04	2.42E-05	2.95E-04	2.54E-05	3.30E-04	2.94E-05	6.68E-06	5.69E-07	1.13E-03	9.64E-05	1.30E-03	1.14E-04	2.03E-03	1.75E-04	2.86E-04	2.45E-05	5.29E-05	4.51E-06	1.53E-05	1.30E-06	3.62E-05	3.08E-06	5.10E-06	5.10E-06	1.06E-01	1.21E-02	1.75E-01	2.05E-02

Scenario 1 Results

79	Gridded	2.11E-05	2.38E-06	4.71E-06	5.17E-07	2.40E-04	2.74E-05	2.52E-04	2.88E-05	3.11E-04	3.40E-05	5.63E-06	6.43E-07	9.55E-04	1.09E-04	1.16E-03	1.30E-04	2.10E-03	2.04E-04	2.43E-04	2.77E-05	4.46E-05	5.09E-06	1.29E-05	1.47E-06	3.05E-05	3.48E-06	6.01E-06	6.01E-06	9.14E-02	1.05E-02	1.50E-01	1.68E-02
80	Gridded	1.66E-05	1.64E-06	3.12E-06	3.69E-07	2.16E-04	1.82E-05	2.18E-04	1.94E-05	2.05E-04	2.44E-05	5.18E-06	4.25E-07	8.65E-04	7.25E-05	8.88E-04	9.03E-05	1.33E-03	1.71E-04	2.17E-04	1.85E-05	4.10E-05	3.37E-06	1.19E-05	9.74E-07	2.80E-05	2.30E-06	4.64E-06	4.64E-06	7.78E-02	7.82E-03	1.54E-01	1.37E-02
81	Gridded	1.63E-05	1.24E-06	3.15E-06	2.71E-07	2.09E-04	1.42E-05	2.12E-04	1.50E-05	2.02E-04	1.78E-05	4.98E-06	3.33E-07	8.34E-04	5.66E-05	8.77E-04	6.79E-05	1.16E-03	1.09E-04	2.09E-04	1.44E-05	3.94E-05	2.64E-06	1.14E-05	7.64E-07	2.70E-05	1.81E-06	3.17E-06	3.17E-06	5.74E-02	7.79E-03	1.21E-01	1.38E-02
82	Gridded	1.67E-05	1.23E-06	3.30E-06	2.75E-07	2.09E-04	1.37E-05	2.13E-04	1.45E-05	2.13E-04	1.82E-05	4.98E-06	3.20E-07	8.35E-04	5.42E-05	9.00E-04	6.74E-05	1.17E-03	1.26E-04	2.10E-04	1.38E-05	3.94E-05	2.53E-06	1.14E-05	7.34E-07	2.70E-05	1.73E-06	3.44E-06	3.44E-06	9.36E-02	7.86E-03	1.85E-01	1.41E-02
83	Gridded	1.58E-05	1.62E-06	3.18E-06	3.54E-07	1.95E-04	1.85E-05	2.00E-04	1.95E-05	2.06E-04	2.32E-05	4.62E-06	4.34E-07	7.77E-04	7.37E-05	8.53E-04	8.86E-05	1.41E-03	1.45E-04	1.96E-04	1.87E-05	3.66E-05	3.44E-06	1.06E-05	9.95E-07	2.50E-05	2.35E-06	4.16E-06	4.16E-06	9.09E-02	6.83E-03	2.11E-01	1.69E-02
84	Gridded	1.43E-05	1.65E-06	2.94E-06	3.70E-07	1.74E-04	1.84E-05	1.80E-04	1.95E-05	1.91E-04	2.44E-05	4.13E-06	4.30E-07	6.96E-04	7.32E-05	7.78E-04	9.08E-05	1.53E-03	1.68E-04	1.76E-04	1.87E-05	3.27E-05	3.40E-06	9.46E-06	9.84E-07	2.24E-05	2.33E-06	4.61E-06	4.61E-06	6.79E-02	6.70E-03	1.71E-01	1.87E-02
85	Gridded	1.30E-05	1.32E-06	2.70E-06	2.98E-07	1.55E-04	1.45E-05	1.61E-04	1.55E-05	1.76E-04	1.97E-05	3.67E-06	3.38E-07	6.19E-04	5.77E-05	7.04E-04	7.25E-05	1.19E-03	1.41E-04	1.57E-04	1.47E-05	2.90E-05	2.68E-06	8.41E-06	7.76E-07	1.99E-05	1.83E-06	3.79E-06	3.79E-06	5.86E-02	6.65E-03	2.12E-01	2.02E-02
86	Gridded	1.41E-05	1.02E-06	2.96E-06	2.24E-07	1.67E-04	1.21E-05	1.73E-04	1.26E-05	1.93E-04	1.47E-05	3.93E-06	2.86E-07	6.65E-04	4.83E-05	7.66E-04	5.58E-05	1.23E-03	1.00E-04	1.68E-04	1.22E-05	3.11E-05	2.26E-06	9.02E-06	6.55E-07	2.13E-05	1.55E-06	2.75E-06	2.75E-06	8.67E-02	6.98E-03	2.22E-01	2.13E-02
87	Gridded	1.87E-05	1.26E-06	4.10E-06	2.76E-07	2.15E-04	1.45E-05	2.26E-04	1.53E-05	2.69E-04	1.81E-05	5.03E-06	3.40E-07	8.54E-04	5.77E-05	1.03E-03	6.93E-05	1.65E-03	1.10E-04	2.17E-04	1.47E-05	3.98E-05	2.69E-06	1.15E-05	7.79E-07	2.72E-05	1.84E-06	3.23E-06	3.23E-06	9.59E-02	7.82E-03	1.90E-01	2.16E-02
88	Gridded	1.68E-05	1.41E-06	3.67E-06	3.12E-07	1.93E-04	1.60E-05	2.03E-04	1.69E-05	2.41E-04	2.05E-05	4.53E-06	3.74E-07	7.68E-04	6.35E-05	9.22E-04	7.74E-05	1.77E-03	1.33E-04	1.95E-04	1.62E-05	3.58E-05	2.96E-06	1.04E-05	8.56E-07	2.45E-05	2.02E-06	3.76E-06	3.76E-06	7.64E-02	8.84E-03	2.12E-01	2.05E-02
89	Gridded	1.44E-05	1.39E-06	3.18E-06	3.04E-07	1.68E-04	1.68E-05	1.72E-04	1.73E-05	2.09E-04	2.01E-05	4.00E-06	3.98E-07	6.69E-04	6.70E-05	7.90E-04	7.52E-05	1.36E-03	1.39E-04	1.68E-04	1.69E-05	3.16E-05	3.15E-06	9.16E-06	9.11E-07	2.17E-05	2.15E-06	3.80E-06	3.80E-06	8.42E-02	9.64E-03	2.04E-01	1.83E-02
90	Gridded	1.83E-05	1.93E-06	3.76E-06	3.86E-07	2.33E-04	2.39E-05	2.36E-04	2.45E-05	2.48E-04	2.50E-05	5.56E-06	5.68E-07	9.32E-04	9.54E-05	9.82E-04	1.04E-04	1.69E-03	1.53E-04	2.34E-04	2.40E-05	4.40E-05	4.50E-06	1.27E-05	1.30E-06	3.01E-05	3.08E-06	4.30E-06	4.30E-06	8.42E-02	9.49E-03	1.67E-01	1.52E-02
91	Gridded	2.18E-05	2.71E-06	4.27E-06	5.38E-07	2.76E-04	3.40E-05	2.81E-04	3.47E-05	2.75E-04	3.47E-05	6.57E-06	8.09E-07	1.10E-03	1.36E-04	1.17E-03	1.46E-04	1.37E-03	1.69E-04	2.77E-04	3.42E-05	5.20E-05	6.40E-06	1.51E-05	1.85E-06	3.56E-05	4.38E-06	4.76E-06	4.76E-06	6.98E-02	8.04E-03	1.19E-01	1.36E-02
92	Gridded	2.14E-05	3.23E-06	4.28E-06	6.47E-07	2.66E-04	4.01E-05	2.72E-04	4.10E-05	2.77E-04	4.18E-05	6.31E-06	9.51E-07	1.06E-03	1.60E-04	1.16E-03	1.75E-04	1.42E-03	1.68E-04	2.67E-04	4.03E-05	5.00E-05	7.53E-06	1.45E-05	2.18E-06	3.42E-05	5.15E-06	5.97E-06	5.97E-06	5.74E-02	6.72E-03	1.08E-01	1.11E-02
93	Gridded	2.22E-05	2.82E-06	4.22E-06	5.83E-07	2.96E-04	3.41E-05	2.96E-04	3.52E-05	2.80E-04	3.79E-05	7.10E-06	8.05E-07	1.18E-03	1.36E-04	1.18E-03	1.53E-04	2.19E-03	1.68E-04	2.96E-04	3.43E-05	5.62E-05	6.37E-06	1.63E-05	1.85E-06	3.84E-05	4.36E-06	5.93E-06	5.93E-06	8.50E-02	7.94E-03	1.51E-01	1.65E-02
94	Gridded	1.52E-05	1.71E-06	3.63E-06	3.72E-07	1.89E-04	1.97E-05	1.89E-04	2.06E-05	2.42E-04	2.44E-05	4.53E-06	4.61E-07	7.55E-04	7.82E-05	8.48E-04	9.35E-05	2.08E-03	1.47E-04	1.89E-04	1.99E-05	3.59E-05	3.65E-06	1.04E-05	1.06E-06	2.45E-05	2.50E-06	4.33E-06	4.33E-06	7.93E-02	9.18E-03	1.73E-01	1.82E-02
95	Gridded	1.88E-05	1.53E-06	4.25E-06	3.30E-07	2.08E-04	1.81E-05	2.21E-04	1.88E-05	2.80E-04	2.19E-05	4.85E-06	4.26E-07	8.26E-04	7.20E-05	1.04E-03	8.34E-05	2.00E-03	1.65E-04	2.11E-04	1.82E-05	3.84E-05	3.37E-06	1.11E-05	9.76E-07	2.62E-05	2.31E-06	4.32E-06	4.32E-06	7.69E-02	8.05E-03	1.41E-01	1.44E-02
96	Gridded	1.86E-05	1.53E-06	4.16E-06	3.52E-07	2.11E-04	1.66E-05	2.23E-04	1.78E-05	2.75E-04	2.33E-05	4.94E-06	3.86E-07	8.40E-04	6.59E-05	1.02E-03	8.46E-05	1.99E-03	1.78E-04	2.14E-04	1.69E-05	3.91E-05	3.05E-06	1.13E-05	8.83E-07	2.68E-05	2.09E-06	4.63E-06	4.63E-06	8.07E-02	7.00E-03	1.47E-01	1.33E-02
97	Gridded	1.82E-05	1.54E-06	4.15E-06	3.47E-07	2.01E-04	1.72E-05	2.14E-04	1.83E-05	2.75E-04	2.29E-05	4.67E-06	4.02E-07	7.97E-04	6.85E-05	1.01E-03	8.45E-05	2.01E-03	1.69E-04	2.04E-04	1.75E-05	3.69E-05	3.19E-06	1.07E-05	9.22E-07	2.53E-05	2.18E-06	4.47E-06	4.47E-06	7.15E-02	7.86E-03	1.22E-01	1.27E-02
98	Gridded	1.63E-05	1.77E-06	3.66E-06	3.88E-07	1.82E-04	2.02E-05	1.93E-04	2.13E-05	2.41E-04	2.55E-05	4.24E-06	4.74E-07	7.23E-04	8.05E-05	8.97E-04	9.71E-05	2.34E-03	1.70E-04	1.84E-04	2.05E-05	3.36E-05	3.75E-06	9.72E-06	1.09E-06	2.30E-05	2.57E-06	4.72E-06	4.72E-06	6.71E-02	9.46E-03	1.15E-01	1.37E-02
99	Gridded	1.53E-05	2.16E-06	3.41E-06	4.76E-07	1.73E-04	2.46E-05	1.83E-04	2.59E-05	2.24E-04	3.13E-05	4.03E-06	5.75E-07	6.86E-04	9.78E-05	8.42E-04	1.19E-04	2.20E-03	1.99E-04	1.75E-04	2.49E-05	3.19E-05	4.56E-06	9.25E-06	1.32E-06	2.19E-05	3.12E-06	5.69E-06	5.69E-06	7.36E-02	1.13E-02	1.30E-01	1.58E-02
100	Gridded	1.81E-05	2.38E-06	3.86E-06	5.25E-07	2.12E-04	2.71E-05	2.21E-04	2.85E-05	2.53E-04	3.45E-05	4.98E-06	6.33E-07	8.43E-04	1.08E-04	9.87E-04	1.31E-04	1.69E-03	2.21E-04	2.14E-04	2.74E-05	3.94E-05	5.01E-06	1.14E-05	1.45E-06	2.70E-05	3.43E-06	6.29E-06	6.29E-06	8.07E-02	1.22E-02	1.24E-01	1.82E-02
101	Gridded	1.95E-05	2.75E-06	4.25E-06	5.94E-07	2.25E-04	3.19E-05	2.36E-04	3.34E-05	2.79E-04	3.90E-05	5.28E-06	7.50E-07	8.95E-04	1.27E-04	1.07E-03	1.51E-04	2.51E-03	2.25E-04	2.27E-04	3.23E-05	4.18E-05	5.94E-06	1.21E-05	1.72E-06	2.86E-05	4.06E-06	6.78E-06	6.78E-06	8.07E-02	1.34E-02	1.28E-01	2.07E-02
102	Gridded	1.59E-05	2.84E-06	3.57E-06	6.23E-07	1.77E-04	3.25E-05	1.88E-04	3.42E-05	2.35E-04	4.09E-05	4.14E-06	7.62E-07	7.05E-04	1.29E-04	8.75E-04	1.56E-04	3.40E-03	2.54E-04	1.80E-04	3.29E-05	3.27E-05	6.03E-06	9.48E-06	1.75E-06	2.24E-05	4.13E-06	7.36E-06	7.36E-06	7.55E-02	1.30E-02	1.16E-01	1.98E-02
103	Gridded	1.63E-05	1.69E-06	3.50E-06	3.68E-07	1.90E-04	1.95E-05	1.99E-04	2.04E-05	2.29E-04	2.41E-05	4.46E-06	4.57E-07	7.56E-04	7.75E-05	8.90E-04	9.26E-05	1.69E-03	1.63E-04	1.92E-04	1.97E-05	3.53E-05	3.62E-06	1.02E-05	1.05E-06	2.42E-05	2.47E-06	4.27E-06	4.27E-06	7.09E-02	9.67E-03	1.38E-01	1.72E-02
104	Gridded	2.11E-05	1.67E-06	4.62E-06	3.58E-07	2.41E-04	1.95E-05	2.53E-04	2.04E-05	3.03E-04	2.35E-05	5.64E-06	4.60E-07	9.57E-04	7.78E-05	1.16E-03	9.13E-05	1.93E-03	1.67E-04	2.43E-04	1.97E-05	4.46E-05	3.64E-06	1.29E-05	1.05E-06	3.05E-05	2.49E-06	4.23E-06	4.23E-06	8.68E-02	8.99E-03	1.53E-01	1.64E-02
105	Gridded	2.07E-05	1.75E-06	4.63E-06	3.81E-07	2.33E-04	2.02E-05	2.47E-04	2.12E-05	3.05E-04	2.50E-05	5.43E-06	4.75E-07	9.25E-04	8.05E-05	1.14E-03	9.60E-05	2.13E-03	1.77E-04	2.36E-04	2.05E-05	4.30E-05	3.76E-06	1.24E-05	1.09E-06	2.94E-05	2.57E-06	4.40E-06	4.40E-06	8.60E-02	1.01E-02	1.99E-01	1.87E-02
106	Gridded	1.79E-05	1.83E-06	3.93E-06	4.00E-07	2.05E-04	2.09E-05	2.16E-04	2.20E-05	2.58E-04	2.62E-05	4.80E-06	4.90E-07	8.15E-04	8.31E-05	9.82E-04	1.00E-04	2.17E-03	1.82E-04	2.07E-04	2.11E-05	3.80E-05	3.88E-06	1.10E-05	1.12E-06	2.60E-05	2.65E-06	4.72E-06	4.72E-06	8.04E-02	1.12E-02	2.01E-01	1.94E-02
107	Gridded	1.65E-05	1.85E-06	3.41E-06	3.99E-07	2.15E-04	2.15E-05	2.16E-04	2.25E-05	2.24E-04	2.61E-05	5.14E-06	5.04E-07	8.59E-04	8.55E-05	8.83E-04	1.01E-04	2.21E-03	1.71E-04	2.15E-04	2.17E-05	4.07E-05	3.99E-06	1.18E-05	1.16E-06	2.78E-05	2.73E-06	4.54E-06	4.54E-06	8.28E-02	1.26E-02	2.04E-01	2.30E-02
108	Gridded	1.98E-05	1.86E-06	3.82E-06	4.02E-07	2.53E-04	2.17E-05	2.56E-04	2.27E-05	2.45E-04	2.63E-05	6.03E-06	5.09E-07	1.01E-03	8.62E-05	1.06E-03	1.02E-04	2.12E-03	1.78E-04	2.54E-04	2.19E-05	4.77E-05	4.03E-06	1.38E-05	1.17E-06	3.27E-05	2.75E-06	4.56E-06	4.56E-06	8.53E-02	1.45E-02	1.76E-01	2.50E-02
109	Gridded	1.86E-05	1.68E-06	3.75E-06	3.64E-07	2.31E-04	1.94E-05	2.36E-04	2.03E-05	2.43E-04	2.38E-05	5.47E-06	4.55E-07	9.20E-04	7.71E-05	1.01E-03	9.18E-05	2.11E-03	1.60E-04	2.32E-04	1.96E-05	4.33E-05	3.60E-06	1.25E-05	1.04E-06	2.97E-05	2.46E-06	4.40E-06	4.40E-06	1.14E-01	1.42E-02	2.34E-01	2.49E-02
110	Gridded	1.58E-05	1.52E-06	3.37E-06	3.32E-07	1.85E-04	1.74E-05	1.93E-04	1.83E-05	2.20E-04	2.18E-05	4.36E-06	4.09E-07	7.37E-04	6.94E-05	8.61E-04	8.34E-05	2.18E-03	1.58E-04	1.87E-04	1.76E-05	3.45E-05	3.24E-06	9.99E-06	9.37E-07	2.36E-05	2.21E-06	4.12E-06	4.12E-06	1.38E-01	1.27E-02	2.71E-01	2.51E-02
111	Gridded	1.34E-05	1.33E-06	2.93E-06	2.91E-07	1.63E-04	1.52E-05	1.66E-04	1.60E-05	1.93E-04	1.91E-05	3.88E-06	3.57E-07	6.51E-04	6.05E-05	7.33E-04	7.29E-05	2.07E-03	1.29E-04	1.64E-04	1.54E-05	3.07E-05	2.82E-06	8.90E-06	8.17E-07	2.10E-05	1.93E-06	3.44E-06	3.44E-06	1.38E-01	1.64E-02	2.73E-01	3.01E-02
112	Gridded	2.32E-05	2.19E-06	4.72E-06	4.14E-07	2.92E-04	2.85E-05	2.95E-04	2.87E-05	3.06E-04	2.64E-05	6.97E-06	6.82E-07	1.17E-03	1.14E-04	1.26E-03	1.17E-04	2.07E-03	1.27E-04	2.93E-04	2.86E-05	5.52E-05	5.40E-06	1.60E-05	1.56E-06	3.78E-05	3.69E-06	3.57E-06	3.57E-06	1.10E-01	1.79E-02	2.66E-01	3.91E-02
113	Gridded	2.91E-05	3.29E-06	6.30E-06	6.53E-07	3.37E-04	4.11E-05	3.53E-04	4.19E-05	4.13E-04	4.21E-05	7.91E-06	9.76E-07	1.34E-03	1.64E-04	1.59E-03	1.77E-04	2.42E-03	1.75E-04	3.40E-04	4.13E-05	6.26E-05	7.73E-06	1.81E-05	2.24E-06	4.28E-05	5.29E-06	5.85E-06	5.85E-06	1.37E-01	1.58E-02	2.76E-01	3.40E-02
114	Gridded	2.72E-05	3.53E-06	5.83E-06	7.52E-07	3.19E-04	4.14E-05	3.33E-04	4.31E-05	3.82E-04	4.92E-05	7.50E-06	9.73E-07	1.27E-03	1.65E-04	1.49E-03	1.92E-04	2.77E-03	2.67E-04	3.22E-04	4.18E-05	5.94E-05	7.70E-06	1.72E-05	2.23E-06	4.06E-05	5.27E-06	8.33E-06	8.33E-06	1.44E-01	1.65E-02	3.07E-01	2.69E-02
115	Gridded	2.05E-05	3.20E-06	4.28E-06	7.15E-07	2.56E-04	3.60E-05	2.61E-04	3.81E-05	2.83E-04	4.71E-05	6.08E-06	8.39E-07	1.02E-03	1.43E-04	1.11E-03	1.76E-04	2.40E-03	3.18E-04	2.57E-04	3.64E-05	4.81E-05	6.65E-06	1.39E-05	1.92E-06	3.29E-05	4.55E-06	8.80E-06	8.80E-06	1.42E-01	1.57E-02	2.94E-01	2.90E-02
116	Gridded	3.36E-05	2.90E-06	7.46E-06	6.61E-07	3.79E-04	3.18E-05	4.01E-04	3.40E-05	4.91E-04	4.37E-05	8.86E-06	7.40E-07	1.51E-03	1.26E-04	1.85E-03	1.60E-04	3.25E-03	3.21E-04	3.84E-04	3.23E-05	7.01E-05	5.86E-06	2.03E-05	1.70E-06	4.80E-05	4.01E-06	8.51E-06	8.51E-06	1.43E-01	1.38E-02	3.58E-01	2.63E-02
117	Gridded	4.10E-05	2.36E-06	9.30E-06	5.34E-07	4.52E-04	2.61E-05	4.82E-04	2.78E-05	6.15E-04	3.52E-05	1.05E-05	6.09E-07	1.79E-03	1.04E-04	2.26E-03	1.30E-04	4.46E-03	3.24E-04	4.58E-04	2.65E-05	8.32E-05	4.82E-06	2.41E-05	1.40E-06	5.69E-05	3.30E-06	7.67E-06	7.67E-06	1.31E-01	1.22E-02	2.84E-01	2.59E-02
118	Gridded	2.23E-05	2.46E-06	5.10E-06	5.29E-07	2.82E-04	2.87E-05	2.86E-04	3.00E-05	3.38E-04	3.46E-05	6.74E-06	6.74E-07	1.13E-03	1.14E-04	1.23E-03	1.35E-04	2.54E-03	2.28E-04	2.83E-04	2.90E-05	5.34E-05	5.33E-06	1.54E-05	1.54E-06	3.65E-05	3.65E-06	5.97E-06	5.97E-06	1.21E-01	1.44E-02	2.99E-01	2.71E-02
119	Gridded	2.66E-05	3.40E-06	5.47E-06	7.26E-07	3.22E-04	3.98E-05	3.32E-04	4.16E-05	3.56E-04	4.75E-05	7.61E-06	9.37E-07	1.28E-03	1.59E-04	1.44E-03	1.86E-04	1.89E-03	2.59E-04	3.24E-04	4.02E-05	6.02E-05	7.42E-06	1.74E-05	2.15E-06	4.12E-05	5.07E-06	8.06E-06	8.06E-06	1.40E-01	1.39E-02	2.81E-01	2.74E-02
120	Gridded	2.82E-05	3.98E-06	6.01E-06	8.75E-07	3.32E-04	4.54E-05	3.46E-04	4.78E-05	3.93E-04	5.75E-05	7.82E-06	1.06E-06	1.32E-03	1.81E-04	1.54E-03	2.18E-04	2.40E-03	3.63E-04	3.35E-04	4.59E-05	6.19E-05	8.41E-06	1.79E-05	2.44E-06	4.23E-05	5.76E-06	1.04E-05	1.04E-05	1.18E-01	9.84E-03	2.29E-01	1.81E-02
121	Gridded	3.11E-05	3.22E-06	7.03E-06	7.56E-07	3.44E-04	3.42E-05	3.66E-04	3.70E-05	4.64E-04	5.02E-05	8.00E-06	7.90E-07	1.36E-03	1.36E-04	1.71E-03	1.79E-04	3.32E-03	4.11E-04	3.49E-04	3.48E-05	6.33E-05	6.26E-06	1.83E-05	1.81E-06	4.33E-05	4.28E-06	1.03E-05	1.03E-05	1.19E-01	7.98E-03	2.39E-01	1.44E-02
122	Gridded	2.22E-05	1.78E-06	4.81E-06	4.00E-07	2.57E-04	1.98E-05	2.70E-04	2.11E-05	3.15E-04	2.64E-05	6.04E-06	4.63E-07	1.02E-03	7.88E-05	1.22E-03	9.80E-05	2.66E-03	2.44E-04	2.60E-04	2.01E-05	4.78E-05	3.66E-06	1.38E-05	1.06E-06	3.27E-05	2.51E-06	5.57E-06	5.57E-06	1.01E-01	7.92E-03	2.20E-01	1.34E-02
123	Gridded	2.36E-05	1.66E-06	4.92E-06	3.52E-07	2.82E-04	1.96E-05	2.92E-04	2.04E-05	3.21E-04	2.30E-05	6.65E-06	4.62E-07	1.12E-03	7.81E-05	1.28E-03	9.05E-05	2.02E-03	1.31E-04	2.84E-04	1.98E-05	5.27E-05	3.66E-06	1.52E-05	1.06E-06	3.60E-05	2.50E-06	3.81E-06	3.81E-06	1.07E-01	8.63E-03	2.04E-01	1.23E-02
124	Gridded	2.99E-05	1.96E-06	6.61E-06	4.36E-07	3.38E-04	2.20E-05	3.57E-04	2.33E-05	4.35E-04	2.88E-05	7.89E-06	5.13E-07	1.34E-03	8.73E-05	1.64E-03	1.08E-04	2.85E-03	1.94E-04	3.42E-04	2.23E-05	6.25E-05	4.06E-06	1.81E-05	1.18E-06	4.27E-05	2.78E-06	5.37E-06	5.37E-06	1.14E-01	8.63E-03	2.03E-01	1.26E-02
125	Gridded	2.56E-05	1.83E-06	5.84E-06	4.13E-07	2.81E-04	2.02E-05	3.00E-04	2.15E-05	3.86E-04	2.73E-05	6.53E-06	4.71E-07	1.11E-03	8.03E-05	1.41E-03	1.01E-04	2.85E-03	1.94E-04	2.85E-04	2.05E-05	5.17E-05	3.73E-06	1.50E-05	1.08E-06	3.54E-05	2.55E-06	5.23E-06	5.23E-06	1.19E-01	8.52E-03	2.35E-01	1.45E-02
126	Gridded	1.77E-05	1.53E-06	3.71E-06	3.40E-07	2.10E-04	1.75E-05	2.18E-04	1.84E-05	2.42E-04	2.24E-05	4.96E-06	4.10E-07	8.38E-04	6.96E-05	9.61E-04	8.38E-05	1.70E-03	1.50E-04	2.12E-04	1.77E-05	3.93E-05	3.25E-06	1.14E-05	9.40E-07	2.69E-05	2.22E-06	4.17E-06	4.17E-06	1.07E-01	7.43E-03	1.83E-01	1.39E-02
127	Gridded	2.13E-05	1.63E-06	4.65E-06	3.50E-07	2.44E-04	1.91E-05	2.57E-04	2.00E-05	3.06E-04	2.30E-05	5.73E-06	4.50E-07	9.72E-04	7.61E-05	1.17E-03	8.90E-05	1.87E-03	1.55E-04	2.47E-04	1.93E-05	4.53E-05	3.56E-06	1.31E-05	1.03E-06	3.10E-05	2.44E-06	4.30E-06	4.30E-06	9.44E-02	1.04E-02	1.71E-01	1.86E-02
128	Gridded	1.73E-05	1.94E-06	3.80E-06	4.21E-07	1.97E-04	2.23E-05	2.08E-04	2.34E-05	2.50E-04	2.76E-05	4.62E-06	5.24E-07	7.84E-04	8.89E-05	9.49E-04	1.06E-04	1.68E-03	1.65E-04	2.00E-04	2.26E-05	3.66E-05	4.15E-06	1.06E-05	1.20E-06	2.50E-05	2.84E-06	4.88E-06	4.88E-06	1.24E-01	1.17E-02	2.23E-01	2.07E-02
129	Gridded	2.57E-05	2.34E-06	5.46E-06	5.04E-07	3.04E-04	2.73E-05	3.16E-04	2.85E-05	3.56E-04	3.30E-05	7.16E-06	6.41E-07	1.21E-03	1.09E-04	1.40E-03	1.28E-04	2.19E-03	1.88E-04	3.07E-04	2.76E-05	5.67E-05	5.07E-06	1.64E-05	1.47E-06	3.88E-05	3.47E-06	5.69E-06	5.69E-06	1.07E-01	1.29E-02	2.01E-01	2.17E-02
130	Gridded	2.23E-05	2.53E-06	4.96E-06	5.51E-07	2.51E-04	2.90E-05	2.66E-04	3.05E-05	3.27E-04	3.62E-05	5.87E-06	6.81E-07	9.98E-04	1.16E-04	1.23E-03	1.38E-04	2.18E-03	2.19E-04	2.54E-04	2.94E-05	4.64E-05	5.39E-06	1.34E-05	1.56E-06	3.18E-05	3.69E-06	6.43E-06	6.43E-06	9.53E-02	1.09E-02	1.77E-01	1.74E-02
131	Gridded	1.51E-05	1.58E-06	3.17E-06	3.58E-07	1.97E-04	1.75E-05	1.98E-04	1.87E-05	2.09E-04	2.37E-05	4.72E-06	4.08E-07	7.88E-04	6.96E-05	8.07E-04	8.73E-05	1.41E-03	1.69E-04	1.97E-04	1.78E-05	3.73E-05	3.23E-06	1.08E-05	9.36E-07	2.55E-05	2.21E-06	4.55E-06	4.55E-06	7.98E-02	8.20E-03	1.55E-01	1.50E-02
132	Gridded	1.42E-05	1.28E-06	2.87E-06	2.80E-07	1.82E-04	1.46E-05	1.84E-04	1.54E-05	1.87E-04	1.84E-05	4.33E-06	3.43E-07	7.25E-04	5.82E-05	7.66E-04	7.01E-05	1.22E-03	1.14E-04	1.82E-04	1.48E-05	3.43E-05	2.71E-06	9.92E-06	7.85E-07	2.34E-05	1.86E-06	3.30E-06	3.30E-06	7.31E-02	8.47E-03	1.56E-01	1.49E-02
133	Gridded	1.34E-05	1.34E-06	2.69E-06	2.85E-07	1.66E-04	1.57E-05	1.70E-04	1.63E-05	1.74E-04	1.88E-05	3.95E-06	3.69E-07	6.64E-04	6.24E-05	7.25E-04	7.29E-05	1.14E-03	1.36E-04	1.67E-04	1.58E-05	3.13E-05	2.92E-06	9.05E-06	8.45E-07	2.14E-05	2.00E-06	3.63E-06	3.63E-06	1.01E-01	7.97E-03	1.94E-01	1.64E-02
134	Gridded	1.30E-05	1.74E-06	2.73E-06	3.85E-07	1.58E-04	1.98E-05	1.63E-04	2.09E-05	1.79E-04	2.53E-05	3.73E-06	4.64E-07	6.29E-04	7.88E-05	7.07E-04	9.57E-05	1.47E-03	1.62E-04	1.59E-04	2.01E-05	2.96E-05	3.67E-06	8.56E-06	1.06E-06	2.02E-05	2.51E-06	4.61E-06	4.61E-06	8.28E-02	7.11E-03	2.27E-01	1.88E-02
135	Gridded	1.28E-05	1.66E-06	2.70E-06	3.74E-07	1.53E-04	1.84E-05	1.59E-04	1.96E-05	1.76E-04	2.47E-05	3.61E-06	4.30E-07	6.10E-04	7.32E-05	6.99E-04	9.15E-05	1.57E-03	1.74E-04	1.54E-04	1.87E-05	2.86E-05	3.40E-06	8.27E-06	9.84E-07	1.96E-05	2.33E-06	4.72E-06	4.72E-06	6.88E-02	7.11E-03	1.81E-01	2.05E-02
136	Gridded	1.25E-05	1.25E-06	2.65E-06	2.84E-07	1.48E-04	1.39E-05	1.53E-04	1.48E-05	1.73E-04	1.87E-05	3.54E-06	3.23E-07	5.92E-04	5.51E-05	6.81E-04	6.91E-05	1.11E-03	1.34E-04	1.49E-04	1.41E-05	2.80E-05	2.56E-06	8.10E-06	7.41E-07	1.92E-05	1.75E-06	3.60E-06	3.60E-06	7.11E-02	7.13E-03	2.37E-01	2.17E-02
137	Gridded	1.74E-05	1.19E-06	3.71E-06	2.57E-07	2.04E-04	1.37E-05	2.13E-04	1.44E-05	2.43E-04	1.68E-05	4.79E-06	3.21E-07	8.11E-04	5.45E-05	9.48E-04	6.49E-05	1.40E-03	1.03E-04	2.06E-04	1.38E-05	3.79E-05	2.54E-06	1.10E-05	7.36E-07	2.60E-05	1.74E-06	2.96E-06	2.96E-06	9.71E-02	7.72E-03	2.15E-01	2.28E-02
138	Gridded	2.05E-05	1.45E-06	4.54E-06	3.17E-07	2.31E-04	1.66E-05	2.44E-04	1.74E-05	2.99E-04	2.08E-05	5.40E-06	3.88E-07	9.18E-04	6.59E-05	1.12E-03	7.94E-05	1.97E-03	1.29E-04	2.34E-04	1.68E-05	4.27E-05	3.07E-06	1.24E-05	8.90E-07	2.92E-05	2.10E-06	3.75E-06	3.75E-06	9.72E-02	8.88E-03	2.25E-01	2.33E-02
139	Gridded	1.63E-05	1.51E-06	3.59E-06	3.35E-07	1.86E-04	1.70E-05	1.96E-04	1.79E-05	2.36E-04	2.21E-05	4.35E-06	3.96E-07	7.39E-04	6.74E-05	8.96E-04	8.28E-05	1.68E-03	1.47E-04	1.88E-04	1.72E-05	3.44E-05	3.14E-06	9.97E-06	9.08E-07	2.36E-05	2.15E-06	4.10E-06	4.10E-06	7.97E-02	1.00E-02	2.40E-01	2.22E-02
140	Gridded	1.47E-05	1.52E-06	3.24E-06	3.35E-07	1.74E-04	1.74E-05	1.76E-04	1.82E-05	2.13E-04	2.20E-05	4.14E-06	4.11E-07	6.93E-04	6.92E-05	8.04E-04	8.34E-05	1.38E-03	1.42E-04	1.74E-04	1.75E-05	3.27E-05	3.25E-06	9.48E-06	9.42E-07	2.24E-05	2.23E-06	4.03E-06	4.03E-06	8.86E-02	1.07E-02	2.16E-01	1.94E-02
141	Gridded	1.90E-05	2.09E-06	3.70E-06	4.15E-07	2.41E-04	2.60E-05	2.45E-04	2.66E-05	2.38E-04	2.68E-05	5.74E-06	6.18E-07	9.62E-04	1.04E-04	1.02E-03	1.13E-04	1.50E-03	1.68E-04	2.42E-04	2.62E-05	4.54E-05	4.90E-06	1.32E-05	1.42E-06	3.11E-05	3.35E-06	4.71E-06	4.71E-06	8.36E-02	9.94E-03	1.65E-01	1.56E-02
142	Gridded	2.25E-05	2.97E-06	4.44E-06	5.86E-07	2.82E-04	3.74E-05	2.88E-04	3.81E-05	2.87E-04	3.78E-05	6.71E-06	8.90E-07	1.13E-03	1.49E-04	1.21E-03	1.60E-04	1.23E-03	1.74E-04	2.83E-04	3.76E-05	5.31E-05	7.05E-06	1.54E-05	2.04E-06	3.63E-05	4.82E-06	5.10E-06	5.10E-06	6.57E-02	8.11E-03	1.17E-01	1.37E-02
143	Gridded	2.32E-05	3.49E-06	4.41E-06	6.99E-07	3.10E-04	4.35E-05	3.10E-04	4.44E-05	2.86E-04	4.52E-05	7.43E-06	1.03E-06	1.24E-03	1.73E-04	1.24E-03	1.89E-04	1.57E-03	1.66E-04	3.10E-04	4.37E-05	5.88E-05	8.17E-06	1.70E-05	2.36E-06	4.03E-05	5.59E-06	6.39E-06	6.39E-06	7.25E-02	7.38E-03	1.31E-01	1.50E-02
144	Gridded	2.32E-05	2.87E-06	4.37E-06	5.95E-07	3.09E-04	3.45E-05	3.09E-04	3.56E-05	2.90E-04	3.87E-05	7.41E-06	8.14E-07	1.24E-03	1.37E-04	1.24E-03	1.56E-04	2.31E-03	1.77E-04	3.09E-04	3.47E-05	5.87E-05	6.45E-06	1.70E-05	1.87E-06	4.02E-05	4.41E-06	6.13E-06	6.13E-06	8.88E-02	9.75E-03	1.69E-01	1.98E-02
145	Gridded	1.56E-05	1.82E-06	3.29E-06	3.90E-07	2.04E-04	2.14E-05	2.05E-04	2.23E-05	2.17E-04	2.55E-05	4.87E-06	5.03E-07	8.14E-04	8.52E-05	8.36E-04	9.96E-05	1.89E-03	1.67E-04	2.04E-04	2.16E-05	3.86E-05	3.98E-06	1.12E-05	1.15E-06	2.64E-05	2.73E-06	4.46E-06	4.46E-06	7.20E-02	9.69E-03	1.72E-01	1.79E-02
146	Gridded	2.22E-05	1.67E-06	5.04E-06	3.85E-07	2.45E-04	1.92E-05	2.61E-04	2.00E-05	3.33E-04	2.55E-05	5.70E-06	4.51E-07	9.73E-04	7.63E-05	1.23E-03	9.25E-05	2.41E-03	1.94E-04	2.49E-04	1.93E-05	4.51E-05	3.57E-06	1.31E-05	1.03E-06	3.09E-05	2.44E-06	5.05E-06	5.05E-06	8.80E-02	7.49E-03	1.65E-01	1.44E-02
147	Gridded	2.10E-05	1.67E-06	4.77E-06	3.81E-07	2.31E-04	1.86E-05	2.47E-04	1.97E-05	3.15E-04	2.52E-05	5.39E-06	4.33E-07	9.19E-04	7.38E-05	1.16E-03	9.20E-05	2.28E-03	1.87E-04	2.35E-04	1.88E-05	4.26E-05	3.43E-06	1.23E-05	9.92E-07	2.92E-05	2.35E-06	4.93E-06	4.93E-06	8.34E-02	8.66E-03	1.42E-01	1.40E-02
148	Gridded	1.83E-05	1.84E-06	4.08E-06	4.04E-07	2.06E-04	2.11E-05	2.18E-04	2.22E-05	2.69E-04	2.66E-05	4.80E-06	4.94E-07	8.17E-04	8.38E-05	1.01E-03	1.01E-04	1.81E-03	1.79E-04	2.08E-04	2.13E-05	3.80E-05	3.91E-06	1.10E-05	1.13E-06	2.60E-05	2.67E-06	4.97E-06	4.97E-06	7.58E-02	1.01E-02	1.24E-01	1.47E-02
149	Gridded	1.65E-05	2.30E-06	3.66E-06	5.05E-07	1.86E-04	2.62E-05	1.97E-04	2.76E-05	2.41E-04	3.32E-05	4.36E-06	6.13E-07	7.41E-04	1.04E-04	9.06E-04	1.26E-04	2.93E-03	2.09E-04	1.89E-04	2.65E-05	3.45E-05	4.85E-06	9.99E-06	1.41E-06	2.36E-05	3.32E-06	6.01E-06	6.01E-06	8.04E-02	1.22E-02	1.43E-01	1.70E-02
150	Gridded	1.90E-05	2.59E-06	4.07E-06	5.71E-07	2.22E-04	2.94E-05	2.32E-04	3.10E-05	2.66E-04	3.75E-05	5.23E-06	6.88E-07	8.85E-04	1.17E-04	1.04E-03	1.42E-04	2.69E-03	2.41E-04	2.25E-04	2.97E-05	4.14E-05	5.44E-06	1.20E-05	1.58E-06	2.83E-05	3.72E-06	6.85E-06	6.85E-06	8.71E-02	1.34E-02	1.33E-01	1.95E-02
151	Gridded	2.12E-05	2.90E-06	4.61E-06	6.27E-07	2.43E-04	3.37E-05	2.56E-04	3.53E-05	3.03E-04	4.11E-05	5.71E-06	7.90E-07	9.68E-04	1.34E-04	1.16E-03	1.59E-04	2.07E-03	2.45E-04	2.46E-04	3.40E-05	4.52E-05	6.26E-06	1.31E-05	1.81E-06	3.09E-05	4.28E-06	7.15E-06	7.15E-06	8.84E-02	1.45E-02	1.39E-01	2.24E-02
152	Gridded	1.72E-05	3.09E-06	3.90E-06	6.77E-07	1.90E-04	3.53E-05	2.03E-04	3.72E-05	2.57E-04	4.45E-05	4.43E-06	8.27E-07	7.55E-04	1.40E-04	9.49E-04	1.69E-04	3.53E-03	2.78E-04	1.93E-04	3.57E-05	3.50E-05	6.54E-06	1.01E-05	1.89E-06	2.40E-05	4.48E-06	8.02E-06	8.02E-06	8.09E-02	1.42E-02	1.25E-01	2.16E-02
153	Gridded	1.27E-05	2.66E-06	2.75E-06	5.92E-07	1.47E-04	3.00E-05	1.54E-04	3.18E-05	1.81E-04	3.90E-05	3.45E-06	7.01E-07	5.85E-04	1.19E-04	6.95E-04	1.46E-04	3.31E-03	2.58E-04	1.48E-04	3.04E-05	2.73E-05	5.55E-06	7.90E-06	1.61E-06	1.87E-05	3.80E-06	7.22E-06	7.22E-06	6.31E-02	1.19E-02	1.00E-01	1.95E-02
154	Gridded	1.65E-05	1.73E-06	3.62E-06	3.80E-07	1.88E-04	2.00E-05	1.98E-04	2.09E-05	2.38E-04	2.51E-05	4.39E-06	4.69E-07	7.46E-04	7.94E-05	9.04E-04	9.45E-05	1.51E-03	2.00E-04	1.90E-04	2.02E-05	3.47E-05	3.71E-06	1.01E-05	1.07E-06	2.38E-05	2.54E-06	4.98E-06	4.98E-06	6.61E-02	1.12E-02	1.37E-01	2.11E-02
155	Gridded	1.60E-05	1.72E-06	3.46E-06	3.74E-07	1.90E-04	1.99E-05	1.97E-04	2.09E-05	2.29E-04	2.46E-05	4.47E-06	4.67E-07	7.56E-04	7.91E-05	8.70E-04	9.44E-05	1.71E-03	1.65E-04	1.91E-04	2.01E-05	3.54E-05	3.69E-06	1.03E-05	1.07E-06	2.42E-05	2.53E-06	4.33E-06	4.33E-06	6.96E-02	1.02E-02	1.53E-01	1.84E-02
156	Gridded	1.80E-05	1.78E-06	3.94E-06	3.81E-07	2.23E-04	2.08E-05	2.27E-04	2.17E-05	2.59E-04	2.50E-05	5.29E-06	4.90E-07	8.88E-04	8.29E-05	9.86E-04	9.73E-05	1.97E-03	1.63E-04	2.23E-04	2.10E-05	4.19E-05	3.88E-06	1.21E-05	1.12E-06	2.87E-05	2.65E-06	4.45E-06	4.45E-06	7.84E-02	9.53E-03	1.75E-01	1.71E-02
157	Gridded	2.09E-05	1.89E-06	4.29E-06	4.11E-07	2.54E-04	2.18E-05	2.62E-04	2.29E-05	2.79E-04	2.70E-05	6.01E-06	5.12E-07	1.01E-03	8.68E-05	1.13E-03	1.04E-04	2.52E-03	1.76E-04	2.56E-04	2.21E-05	4.75E-05	4.05E-06	1.38E-05	1.17E-06	3.25E-05	2.77E-06	4.76E-06	4.76E-06	8.64E-02	1.10E-02	2.18E-01	2.00E-02
158	Gridded	1.85E-05	1.82E-06	4.02E-06	3.99E-07	2.12E-04	2.09E-05	2.23E-04	2.20E-05	2.64E-04	2.62E-05	4.98E-06	4.90E-07	8.45E-04	8.32E-05	1.01E-03	1.00E-04	3.03E-03	1.86E-04	2.15E-04	2.12E-05	3.94E-05	3.88E-06	1.14E-05	1.12E-06	2.70E-05	2.65E-06	4.69E-06	4.69E-06	8.06E-02	1.19E-02	2.01E-01	2.01E-02
159	Gridded	1.60E-05	1.78E-06	3.29E-06	3.83E-07	2.10E-04	2.08E-05	2.11E-04	2.17E-05	2.17E-04	2.51E-05	5.02E-06	4.88E-07	8.38E-04	8.27E-05	8.59E-04	9.74E-05	2.86E-03	1.85E-04	2.10E-04	2.10E-05	3.97E-05	3.87E-06	1.15E-05	1.12E-06	2.72E-05	2.65E-06	4.32E-06	4.32E-06	9.07E-02	1.35E-02	1.90E-01	2.34E-02
160	Gridded	1.76E-05	1.82E-06	3.41E-06	3.91E-07	2.26E-04	2.12E-05	2.29E-04	2.21E-05	2.19E-04	2.56E-05	5.38E-06	4.97E-07	9.01E-04	8.42E-05	9.49E-04	9.93E-05	2.25E-03	1.68E-04	2.26E-04	2.14E-05	4.26E-05	3.93E-06	1.23E-05	1.14E-06	2.92E-05	2.69E-06	4.44E-06	4.44E-06	8.54E-02	1.53E-02	1.77E-01	2.65E-02
161	Gridded	1.65E-05	1.67E-06	3.34E-06	3.63E-07	2.03E-04	1.93E-05	2.08E-04	2.03E-05	2.16E-04	2.40E-05	4.81E-06	4.54E-07	8.10E-04	7.69E-05	8.93E-04	9.16E-05	1.77E-03	1.65E-04	2.04E-04	1.95E-05	3.81E-05	3.59E-06	1.10E-05	1.04E-06	2.61E-05	2.46E-06	4.53E-06	4.53E-06	1.25E-01	1.48E-02	2.38E-01	2.63E-02
162	Gridded	1.51E-05	1.49E-06	3.23E-06	3.26E-07	1.77E-04	1.71E-05	1.85E-04	1.80E-05	2.11E-04	2.14E-05	4.17E-06	4.02E-07	7.05E-04	6.81E-05	8.25E-04	8.18E-05	1.81E-03	1.53E-04	1.79E-04	1.73E-05	3.30E-05	3.18E-06	9.55E-06	9.20E-07	2.26E-05	2.17E-06	3.94E-06	3.94E-06	1.41E-01	1.41E-02	2.80E-01	2.60E-02
163	Gridded	2.00E-05	1.58E-06	3.98E-06	3.48E-07	2.49E-04	2.07E-05	2.55E-04	2.08E-05	2.57E-04	2.29E-05	5.93E-06	4.95E-07	9.95E-04	8.27E-05	1.08E-03	8.69E-05	2.00E-03	1.48E-04	2.51E-04	2.07E-05	4.69E-05	3.92E-06	1.36E-05	1.14E-06	3.21E-05	2.68E-06	4.14E-06	4.14E-06	1.45E-01	1.88E-02	2.89E-01	3.69E-02
164	Gridded	2.95E-05	2.93E-06	6.19E-06	5.63E-07	3.53E-04	3.75E-05	3.66E-04	3.80E-05	4.04E-04	3.61E-05	8.32E-06	8.96E-07	1.40E-03	1.50E-04	1.61E-03	1.57E-04	2.11E-03	1.50E-04	3.56E-04	3.76E-05	6.59E-05	7.09E-06	1.91E-05	2.05E-06	4.51E-05	4.85E-06	4.67E-06	4.67E-06	1.19E-01	1.80E-02	2.68E-01	4.06E-02
165	Gridded	2.53E-05	3.49E-06	5.48E-06	7.15E-07	3.02E-04	4.25E-05	3.13E-04	4.38E-05	3.62E-04	4.64E-05	7.13E-06	1.01E-06	1.20E-03	1.70E-04	1.38E-03	1.89E-04	2.50E-03	1.91E-04	3.05E-04	4.28E-05	5.64E-05	7.97E-06	1.63E-05	2.31E-06	3.86E-05	5.45E-06	7.06E-06	7.06E-06	1.43E-01	1.72E-02	2.97E-01	2.88E-02
166	Gridded	2.24E-05	3.36E-06	4.87E-06	7.35E-07	2.77E-04	3.84E-05	2.84E-04	4.04E-05	3.21E-04	4.83E-05	6.57E-06	9.00E-07	1.10E-03	1.53E-04	1.21E-03	1.84E-04	2.62E-03	2.98E-04	2.79E-04	3.89E-05	5.20E-05	7.13E-06	1.51E-05	2.06E-06	3.56E-05	4.88E-06	8.66E-06	8.66E-06	1.31E-01	1.73E-02	2.75E-01	3.03E-02
167	Gridded	2.66E-05	3.08E-06	5.85E-06	6.94E-07	3.04E-04	3.42E-05	3.20E-04	3.63E-05	3.85E-04	4.58E-05	7.11E-06	7.96E-07	1.21E-03	1.36E-04	1.46E-03	1.70E-04	2.42E-03	3.24E-04	3.07E-04	3.46E-05	5.63E-05	6.30E-06	1.63E-05	1.82E-06	3.85E-05	4.31E-06	8.76E-06	8.76E-06	1.55E-01	1.59E-02	3.71E-01	3.04E-02
168	Gridded	4.15E-05	2.44E-06	9.34E-06	5.69E-07	4.62E-04	2.72E-05	4.91E-04	2.89E-05	6.16E-04	3.78E-05	1.08E-05	6.34E-07	1.83E-03	1.08E-04	2.29E-03	1.34E-04	4.32E-03	3.15E-04	4.68E-04	2.75E-05	8.52E-05	5.02E-06	2.47E-05	1.45E-06	5.83E-05	3.43E-06	7.85E-06	7.85E-06	1.42E-01	1.28E-02	2.98E-01	2.48E-02
169	Gridded	2.71E-05	2.31E-06	6.19E-06	4.99E-07	2.97E-04	2.68E-05	3.17E-04	2.81E-05	4.09E-04	3.27E-05	6.90E-06	6.29E-07	1.18E-03	1.07E-04	1.50E-03	1.26E-04	3.03E-03	2.44E-04	3.01E-04	2.71E-05	5.46E-05	4.98E-06	1.58E-05	1.44E-06	3.74E-05	3.41E-06	5.70E-06	5.70E-06	1.16E-01	1.43E-02	2.88E-01	2.63E-02
170	Gridded	2.68E-05	3.36E-06	5.41E-06	7.13E-07	3.29E-04	3.96E-05	3.38E-04	4.13E-05	3.51E-04	4.66E-05	7.81E-06	9.33E-07	1.31E-03	1.58E-04	1.45E-03	1.83E-04	2.00E-03	2.44E-04	3.31E-04	4.00E-05	6.18E-05	7.39E-06	1.79E-05	2.14E-06	4.23E-05	5.06E-06	7.77E-06	7.77E-06	1.39E-01	1.51E-02	3.08E-01	2.98E-02
171	Gridded	2.86E-05	4.23E-06	6.00E-06	9.20E-07	3.41E-04	4.87E-05	3.54E-04	5.12E-05	3.91E-04	6.04E-05	8.06E-06	1.14E-06	1.36E-03	1.94E-04	1.56E-03	2.32E-04	2.41E-03	3.62E-04	3.44E-04	4.93E-05	6.38E-05	9.05E-06	1.85E-05	2.62E-06	4.36E-05	6.19E-06	1.07E-05	1.07E-05	1.15E-01	1.08E-02	2.22E-01	2.03E-02
172	Gridded	3.20E-05	3.44E-06	7.17E-06	8.02E-07	3.59E-04	3.69E-05	3.80E-04	3.97E-05	4.73E-04	5.32E-05	8.37E-06	8.54E-07	1.42E-03	1.46E-04	1.76E-03	1.91E-04	3.23E-03	4.24E-04	3.63E-04	3.75E-05	6.62E-05	6.76E-06	1.92E-05	1.96E-06	4.53E-05	4.62E-06	1.08E-05	1.08E-05	1.31E-01	8.99E-03	2.66E-01	1.61E-02
173	Gridded	2.26E-05	1.84E-06	4.84E-06	4.09E-07	2.64E-04	2.07E-05	2.76E-04	2.19E-05	3.17E-04	2.70E-05	6.21E-06	4.83E-07	1.05E-03	8.23E-05	1.24E-03	1.01E-04	2.77E-03	2.65E-04	2.67E-04	2.10E-05	4.92E-05	3.83E-06	1.42E-05	1.11E-06	3.37E-05	2.62E-06	6.03E-06	6.03E-06	1.02E-01	8.22E-03	2.20E-01	1.40E-02

Scenario 1 Results

174	Gridded	2.30E-05	1.72E-06	4.81E-06	3.64E-07	2.75E-04	2.03E-05	2.85E-04	2.11E-05	3.13E-04	2.38E-05	6.49E-06	4.78E-07	1.10E-03	8.08E-05	1.25E-03	9.37E-05	1.99E-03	1.40E-04	2.77E-04	2.05E-05	5.14E-05	3.78E-06	1.49E-05	1.09E-06	3.52E-05	2.59E-06	3.96E-06	3.96E-06	1.06E-01	8.89E-03	2.07E-01	1.31E-02
175	Gridded	2.89E-05	1.95E-06	6.39E-06	4.36E-07	3.27E-04	2.19E-05	3.45E-04	2.32E-05	4.21E-04	2.88E-05	7.64E-06	5.12E-07	1.30E-03	8.71E-05	1.59E-03	1.08E-04	2.74E-03	1.95E-04	3.31E-04	2.22E-05	6.05E-05	4.05E-06	1.75E-05	1.17E-06	4.14E-05	2.77E-06	5.39E-06	5.39E-06	1.13E-01	8.86E-03	2.00E-01	1.30E-02
176	Gridded	2.50E-05	1.81E-06	5.68E-06	4.08E-07	2.76E-04	2.01E-05	2.95E-04	2.14E-05	3.75E-04	2.69E-05	6.43E-06	4.69E-07	1.10E-03	7.99E-05	1.38E-03	9.97E-05	2.70E-03	1.89E-04	2.80E-04	2.04E-05	5.09E-05	3.71E-06	1.47E-05	1.07E-06	3.49E-05	2.54E-06	5.13E-06	5.13E-06	1.20E-01	8.81E-03	2.35E-01	1.51E-02
177	Gridded	1.93E-05	1.63E-06	4.05E-06	3.55E-07	2.30E-04	1.87E-05	2.38E-04	1.97E-05	2.64E-04	2.33E-05	5.41E-06	4.39E-07	9.15E-04	7.45E-05	1.05E-03	8.93E-05	1.82E-03	1.54E-04	2.32E-04	1.89E-05	4.29E-05	3.48E-06	1.24E-05	1.01E-06	2.93E-05	2.38E-06	4.32E-06	4.32E-06	1.14E-01	8.06E-03	1.98E-01	1.47E-02
178	Gridded	2.18E-05	1.72E-06	4.77E-06	3.66E-07	2.49E-04	2.01E-05	2.62E-04	2.10E-05	3.14E-04	2.41E-05	5.84E-06	4.73E-07	9.92E-04	8.01E-05	1.20E-03	9.36E-05	1.94E-03	1.61E-04	2.52E-04	2.03E-05	4.63E-05	3.75E-06	1.34E-05	1.08E-06	3.16E-05	2.56E-06	4.48E-06	4.48E-06	9.75E-02	1.09E-02	1.75E-01	1.95E-02
179	Gridded	1.81E-05	2.00E-06	3.92E-06	4.34E-07	2.11E-04	2.30E-05	2.21E-04	2.41E-05	2.58E-04	2.85E-05	4.96E-06	5.39E-07	8.40E-04	9.14E-05	9.92E-04	1.09E-04	1.71E-03	1.71E-04	2.13E-04	2.32E-05	3.92E-05	4.27E-06	1.14E-05	1.24E-06	2.69E-05	2.92E-06	5.05E-06	5.05E-06	1.31E-01	1.22E-02	2.34E-01	2.14E-02
180	Gridded	2.56E-05	2.44E-06	5.46E-06	5.25E-07	3.01E-04	2.85E-05	3.14E-04	2.98E-05	3.57E-04	3.44E-05	7.10E-06	6.69E-07	1.20E-03	1.13E-04	1.40E-03	1.33E-04	2.22E-03	1.93E-04	3.04E-04	2.88E-05	5.62E-05	5.30E-06	1.63E-05	1.53E-06	3.84E-05	3.62E-06	5.91E-06	5.91E-06	1.07E-01	1.32E-02	2.07E-01	2.21E-02
181	Gridded	2.16E-05	2.50E-06	4.81E-06	5.46E-07	2.44E-04	2.86E-05	2.58E-04	3.01E-05	3.16E-04	3.59E-05	5.70E-06	6.70E-07	9.70E-04	1.14E-04	1.19E-03	1.37E-04	2.09E-03	2.21E-04	2.47E-04	2.89E-05	4.51E-05	5.31E-06	1.31E-05	1.54E-06	3.09E-05	3.63E-06	6.43E-06	6.43E-06	9.39E-02	1.09E-02	1.85E-01	1.74E-02
182	Gridded	1.45E-05	1.55E-06	3.12E-06	3.40E-07	1.78E-04	1.76E-05	1.82E-04	1.86E-05	2.06E-04	2.23E-05	4.21E-06	4.12E-07	7.09E-04	7.01E-05	7.83E-04	8.48E-05	1.45E-03	1.61E-04	1.79E-04	1.78E-05	3.33E-05	3.27E-06	9.65E-06	9.45E-07	2.28E-05	2.23E-06	4.28E-06	4.28E-06	7.82E-02	9.01E-03	1.65E-01	1.61E-02
183	Gridded	1.47E-05	1.31E-06	3.01E-06	2.89E-07	1.82E-04	1.50E-05	1.86E-04	1.58E-05	1.98E-04	1.90E-05	4.31E-06	3.50E-07	7.24E-04	5.95E-05	7.97E-04	7.20E-05	1.26E-03	1.23E-04	1.83E-04	1.51E-05	3.41E-05	2.77E-06	9.87E-06	8.03E-07	2.33E-05	1.90E-06	3.45E-06	3.45E-06	9.32E-02	9.11E-03	1.95E-01	1.61E-02
184	Gridded	1.20E-05	1.55E-06	2.46E-06	3.33E-07	1.47E-04	1.80E-05	1.51E-04	1.89E-05	1.60E-04	2.18E-05	3.47E-06	4.24E-07	5.85E-04	7.18E-05	6.53E-04	8.46E-05	1.15E-03	1.47E-04	1.48E-04	1.82E-05	2.75E-05	3.36E-06	7.96E-06	9.72E-07	1.88E-05	2.30E-06	3.86E-06	3.86E-06	1.03E-01	7.98E-03	2.36E-01	1.87E-02
185	Gridded	1.29E-05	1.83E-06	2.86E-06	4.07E-07	1.49E-04	2.07E-05	1.55E-04	2.19E-05	1.88E-04	2.68E-05	3.51E-06	4.83E-07	5.93E-04	8.21E-05	7.10E-04	1.01E-04	1.53E-03	1.78E-04	1.50E-04	2.09E-05	2.78E-05	3.82E-06	8.04E-06	1.11E-06	1.90E-05	2.62E-06	4.97E-06	4.97E-06	7.10E-02	7.48E-03	2.25E-01	2.02E-02
186	Gridded	1.36E-05	1.63E-06	2.89E-06	3.69E-07	1.60E-04	1.81E-05	1.67E-04	1.93E-05	1.89E-04	2.44E-05	3.77E-06	4.21E-07	6.38E-04	7.19E-05	7.42E-04	9.00E-05	1.57E-03	1.74E-04	1.62E-04	1.84E-05	2.99E-05	3.34E-06	8.65E-06	9.66E-07	2.04E-05	2.28E-06	4.68E-06	4.68E-06	6.82E-02	7.49E-03	2.18E-01	2.17E-02
187	Gridded	1.38E-05	1.18E-06	2.94E-06	2.66E-07	1.63E-04	1.31E-05	1.70E-04	1.39E-05	1.92E-04	1.76E-05	3.83E-06	3.05E-07	6.48E-04	5.20E-05	7.54E-04	6.49E-05	1.21E-03	1.24E-04	1.64E-04	1.33E-05	3.03E-05	2.41E-06	8.78E-06	6.99E-07	2.08E-05	1.65E-06	3.35E-06	3.35E-06	8.46E-02	7.71E-03	2.42E-01	2.30E-02
188	Gridded	2.04E-05	1.38E-06	4.39E-06	3.00E-07	2.36E-04	1.60E-05	2.48E-04	1.67E-05	2.88E-04	1.97E-05	5.55E-06	3.74E-07	9.41E-04	6.35E-05	1.11E-03	7.57E-05	1.65E-03	1.17E-04	2.39E-04	1.61E-05	4.40E-05	2.96E-06	1.27E-05	8.58E-07	3.01E-05	2.03E-06	3.47E-06	3.47E-06	1.06E-01	8.68E-03	2.12E-01	2.44E-02
189	Gridded	1.98E-05	1.59E-06	4.45E-06	3.50E-07	2.22E-04	1.81E-05	2.35E-04	1.91E-05	2.94E-04	2.30E-05	5.17E-06	4.24E-07	8.80E-04	7.20E-05	1.09E-03	8.72E-05	2.03E-03	1.46E-04	2.25E-04	1.83E-05	4.09E-05	3.35E-06	1.18E-05	9.71E-07	2.80E-05	2.29E-06	4.18E-06	4.18E-06	9.15E-02	1.00E-02	2.54E-01	2.50E-02
190	Gridded	1.48E-05	1.55E-06	3.29E-06	3.48E-07	1.67E-04	1.73E-05	1.77E-04	1.84E-05	2.17E-04	2.30E-05	3.91E-06	4.04E-07	6.65E-04	6.88E-05	8.15E-04	8.54E-05	1.49E-03	1.59E-04	1.70E-04	1.76E-05	3.10E-05	3.20E-06	8.96E-06	9.26E-07	2.12E-05	2.19E-06	4.35E-06	4.35E-06	8.64E-02	1.14E-02	2.54E-01	2.37E-02
191	Gridded	1.43E-05	1.74E-06	3.06E-06	3.85E-07	1.81E-04	1.97E-05	1.84E-04	2.08E-05	2.01E-04	2.53E-05	4.32E-06	4.61E-07	7.23E-04	7.83E-05	7.69E-04	9.56E-05	1.30E-03	1.65E-04	1.82E-04	1.99E-05	3.42E-05	3.65E-06	9.89E-06	1.06E-06	2.34E-05	2.49E-06	4.66E-06	4.66E-06	9.43E-02	1.16E-02	2.12E-01	1.99E-02
192	Gridded	1.95E-05	2.22E-06	3.83E-06	4.39E-07	2.47E-04	2.79E-05	2.51E-04	2.84E-05	2.46E-04	2.83E-05	5.89E-06	6.63E-07	9.87E-04	1.11E-04	1.05E-03	1.20E-04	1.17E-03	1.80E-04	2.48E-04	2.80E-05	4.66E-05	5.24E-06	1.35E-05	1.52E-06	3.19E-05	3.59E-06	5.02E-06	5.02E-06	9.07E-02	9.88E-03	1.50E-01	1.64E-02
193	Gridded	2.27E-05	3.17E-06	4.53E-06	6.21E-07	2.83E-04	4.01E-05	2.90E-04	4.08E-05	2.93E-04	4.00E-05	6.73E-06	9.55E-07	1.13E-03	1.60E-04	1.23E-03	1.71E-04	1.34E-03	1.77E-04	2.85E-04	4.02E-05	5.33E-05	7.56E-06	1.54E-05	2.19E-06	3.65E-05	5.17E-06	5.31E-06	5.31E-06	6.46E-02	7.87E-03	1.24E-01	1.33E-02
194	Gridded	2.72E-05	3.61E-06	4.96E-06	7.21E-07	3.62E-04	4.51E-05	3.62E-04	4.61E-05	3.15E-04	4.66E-05	8.69E-06	1.07E-06	1.45E-03	1.80E-04	1.45E-03	1.95E-04	1.82E-03	1.59E-04	3.62E-04	4.53E-05	6.88E-05	8.48E-06	1.99E-05	2.45E-06	4.71E-05	5.80E-06	6.53E-06	6.53E-06	8.39E-02	9.55E-03	1.60E-01	1.97E-02
195	Gridded	2.43E-05	2.85E-06	4.44E-06	5.94E-07	3.24E-04	3.42E-05	3.24E-04	3.54E-05	2.82E-04	3.87E-05	7.79E-06	8.07E-07	1.30E-03	1.36E-04	1.30E-03	1.55E-04	2.31E-03	1.82E-04	3.24E-04	3.44E-05	6.16E-05	6.38E-06	1.78E-05	1.85E-06	4.22E-05	4.37E-06	6.19E-06	6.19E-06	8.48E-02	1.06E-02	1.85E-01	2.08E-02
196	Gridded	1.90E-05	1.89E-06	4.27E-06	4.02E-07	2.12E-04	2.22E-05	2.25E-04	2.31E-05	2.82E-04	2.64E-05	4.94E-06	5.22E-07	8.42E-04	8.83E-05	1.05E-03	1.03E-04	1.95E-03	1.93E-04	2.15E-04	2.24E-05	3.91E-05	4.13E-06	1.13E-05	1.20E-06	2.68E-05	2.83E-06	5.13E-06	5.13E-06	8.30E-02	9.04E-03	1.59E-01	1.53E-02
197	Gridded	2.37E-05	1.87E-06	5.35E-06	4.29E-07	2.63E-04	2.05E-05	2.80E-04	2.19E-05	3.53E-04	2.84E-05	6.14E-06	4.76E-07	1.05E-03	8.13E-05	1.31E-03	1.04E-04	2.52E-03	2.12E-04	2.67E-04	2.08E-05	4.86E-05	3.77E-06	1.41E-05	1.09E-06	3.32E-05	2.58E-06	5.58E-06	5.58E-06	9.78E-02	9.39E-03	1.71E-01	1.60E-02
198	Gridded	2.08E-05	2.02E-06	4.62E-06	4.52E-07	2.35E-04	2.26E-05	2.49E-04	2.39E-05	3.04E-04	2.98E-05	5.50E-06	5.28E-07	9.36E-04	8.96E-05	1.14E-03	1.11E-04	2.22E-03	2.05E-04	2.38E-04	2.29E-05	4.36E-05	4.18E-06	1.26E-05	1.21E-06	2.98E-05	2.86E-06	5.62E-06	5.62E-06	8.95E-02	1.10E-02	1.51E-01	1.65E-02
199	Gridded	1.86E-05	2.53E-06	4.20E-06	5.55E-07	2.12E-04	2.89E-05	2.23E-04	3.04E-05	2.78E-04	3.65E-05	4.95E-06	6.77E-07	8.41E-04	1.15E-04	1.03E-03	1.39E-04	2.21E-03	2.27E-04	2.14E-04	2.93E-05	3.92E-05	5.36E-06	1.13E-05	1.55E-06	2.68E-05	3.67E-06	6.57E-06	6.57E-06	9.23E-02	1.37E-02	1.63E-01	1.89E-02
200	Gridded	1.94E-05	2.82E-06	4.18E-06	6.23E-07	2.26E-04	3.21E-05	2.36E-04	3.38E-05	2.76E-04	4.09E-05	5.30E-06	7.51E-07	8.98E-04	1.28E-04	1.06E-03	1.55E-04	3.51E-03	2.62E-04	2.28E-04	3.25E-05	4.20E-05	5.94E-06	1.21E-05	1.72E-06	2.87E-05	4.07E-06	7.47E-06	7.47E-06	9.31E-02	1.48E-02	1.42E-01	2.12E-02
201	Gridded	2.26E-05	3.06E-06	4.96E-06	6.60E-07	2.58E-04	3.54E-05	2.72E-04	3.71E-05	3.26E-04	4.33E-05	6.05E-06	8.32E-07	1.03E-03	1.41E-04	1.24E-03	1.67E-04	2.87E-03	2.69E-04	2.61E-04	3.58E-05	4.79E-05	6.58E-06	1.39E-05	1.91E-06	3.28E-05	4.51E-06	7.61E-06	7.61E-06	9.65E-02	1.56E-02	1.49E-01	2.41E-02
202	Gridded	1.94E-05	3.35E-06	4.42E-06	7.35E-07	2.14E-04	3.82E-05	2.28E-04	4.03E-05	2.92E-04	4.83E-05	4.97E-06	8.95E-07	8.48E-04	1.52E-04	1.07E-03	1.84E-04	3.51E-03	3.02E-04	2.17E-04	3.87E-05	3.93E-05	7.09E-06	1.14E-05	2.05E-06	2.69E-05	4.85E-06	8.72E-06	8.72E-06	8.71E-02	1.56E-02	1.36E-01	2.37E-02
203	Gridded	1.77E-05	2.90E-06	3.73E-06	6.46E-07	2.10E-04	3.27E-05	2.19E-04	3.46E-05	2.43E-04	4.25E-05	4.96E-06	7.64E-07	8.38E-04	1.30E-04	9.65E-04	1.60E-04	4.15E-03	2.83E-04	2.12E-04	3.31E-05	3.93E-05	6.05E-06	1.14E-05	1.75E-06	2.69E-05	4.14E-06	7.89E-06	7.89E-06	7.45E-02	1.29E-02	1.27E-01	2.02E-02
204	Gridded	1.40E-05	2.26E-06	3.17E-06	4.93E-07	1.55E-04	2.61E-05	1.65E-04	2.74E-05	2.09E-04	3.25E-05	3.60E-06	6.12E-07	6.14E-04	1.04E-04	7.71E-04	1.23E-04	2.60E-03	2.24E-04	1.57E-04	2.64E-05	2.85E-05	4.85E-06	8.25E-06	1.40E-06	1.95E-05	3.32E-06	6.14E-06	6.14E-06	6.40E-02	1.27E-02	1.19E-01	2.04E-02
205	Gridded	1.69E-05	2.28E-06	3.54E-06	5.08E-07	2.13E-04	2.55E-05	2.17E-04	2.71E-05	2.32E-04	3.35E-05	5.06E-06	5.96E-07	8.49E-04	1.01E-04	9.09E-04	1.25E-04	1.60E-03	2.36E-04	2.14E-04	2.59E-05	4.01E-05	4.72E-06	1.16E-05	1.37E-06	2.74E-05	3.23E-06	6.27E-06	6.27E-06	7.02E-02	1.16E-02	1.44E-01	2.27E-02
206	Gridded	1.70E-05	1.77E-06	3.72E-06	3.90E-07	1.95E-04	2.05E-05	2.06E-04	2.15E-05	2.44E-04	2.58E-05	4.58E-06	4.81E-07	7.78E-04	8.15E-05	9.34E-04	9.68E-05	1.60E-03	2.05E-04	1.98E-04	2.07E-05	3.63E-05	3.80E-06	1.05E-05	1.10E-06	2.48E-05	2.60E-06	5.09E-06	5.09E-06	7.23E-02	1.18E-02	1.48E-01	2.25E-02
207	Gridded	1.70E-05	1.79E-06	3.65E-06	3.88E-07	2.03E-04	2.07E-05	2.11E-04	2.17E-05	2.41E-04	2.54E-05	4.80E-06	4.85E-07	8.10E-04	8.22E-05	9.28E-04	9.79E-05	2.23E-03	1.71E-04	2.05E-04	2.09E-05	3.80E-05	3.84E-06	1.10E-05	1.11E-06	2.60E-05	2.63E-06	4.47E-06	4.47E-06	7.33E-02	1.08E-02	1.68E-01	1.99E-02
208	Gridded	2.38E-05	1.84E-06	5.30E-06	3.94E-07	2.67E-04	2.15E-05	2.83E-04	2.25E-05	3.49E-04	2.58E-05	6.23E-06	5.06E-07	1.06E-03	8.57E-05	1.31E-03	1.01E-04	3.05E-03	1.63E-04	2.70E-04	2.17E-05	4.93E-05	4.01E-06	1.43E-05	1.16E-06	3.37E-05	2.74E-06	4.56E-06	4.56E-06	7.90E-02	1.02E-02	1.94E-01	1.79E-02
209	Gridded	2.16E-05	1.86E-06	4.99E-06	4.04E-07	2.63E-04	2.15E-05	2.71E-04	2.26E-05	3.31E-04	2.65E-05	6.24E-06	5.05E-07	1.05E-03	8.56E-05	1.19E-03	1.02E-04	3.50E-03	1.86E-04	2.65E-04	2.17E-05	4.94E-05	4.00E-06	1.43E-05	1.16E-06	3.38E-05	2.73E-06	4.67E-06	4.67E-06	9.03E-02	1.16E-02	2.15E-01	2.09E-02
210	Gridded	1.81E-05	1.78E-06	3.89E-06	3.89E-07	2.11E-04	2.04E-05	2.20E-04	2.15E-05	2.55E-04	2.55E-05	4.95E-06	4.78E-07	8.38E-04	8.11E-05	9.88E-04	9.75E-05	3.26E-03	1.80E-04	2.13E-04	2.06E-05	3.92E-05	3.79E-06	1.13E-05	1.10E-06	2.68E-05	2.59E-06	4.56E-06	4.56E-06	8.21E-02	1.22E-02	1.90E-01	2.12E-02
211	Gridded	1.45E-05	1.76E-06	3.23E-06	3.77E-07	1.90E-04	2.05E-05	1.91E-04	2.14E-05	2.13E-04	2.47E-05	4.54E-06	4.83E-07	7.58E-04	8.17E-05	7.91E-04	9.60E-05	2.56E-03	1.56E-04	1.90E-04	2.07E-05	3.59E-05	3.82E-06	1.04E-05	1.11E-06	2.46E-05	2.61E-06	4.39E-06	4.39E-06	9.58E-02	1.45E-02	2.10E-01	2.47E-02
212	Gridded	1.54E-05	1.76E-06	3.09E-06	3.77E-07	1.97E-04	2.05E-05	2.00E-04	2.14E-05	2.01E-04	2.47E-05	4.69E-06	4.81E-07	7.86E-04	8.15E-05	8.31E-04	9.59E-05	1.79E-03	1.60E-04	1.97E-04	2.07E-05	3.71E-05	3.81E-06	1.08E-05	1.10E-06	2.54E-05	2.61E-06	4.48E-06	4.48E-06	9.31E-02	1.62E-02	1.90E-01	2.85E-02
213	Gridded	1.67E-05	1.78E-06	3.43E-06	3.87E-07	2.04E-04	2.06E-05	2.10E-04	2.16E-05	2.23E-04	2.56E-05	4.83E-06	4.83E-07	8.14E-04	8.18E-05	9.08E-04	9.74E-05	1.72E-03	1.80E-04	2.05E-04	2.08E-05	3.83E-05	3.82E-06	1.11E-05	1.11E-06	2.62E-05	2.61E-06	4.88E-06	4.88E-06	1.43E-01	1.60E-02	2.57E-01	2.88E-02
214	Gridded	1.80E-05	1.82E-06	3.94E-06	3.98E-07	2.09E-04	2.08E-05	2.19E-04	2.19E-05	2.59E-04	2.61E-05	4.91E-06	4.87E-07	8.32E-04	8.26E-05	9.87E-04	9.96E-05	1.73E-03	1.76E-04	2.11E-04	2.10E-05	3.89E-05	3.85E-06	1.13E-05	1.12E-06	2.66E-05	2.64E-06	4.69E-06	4.69E-06	1.57E-01	1.75E-02	3.14E-01	3.00E-02
215	Gridded	2.52E-05	2.16E-06	5.11E-06	4.07E-07	3.09E-04	2.83E-05	3.17E-04	2.85E-05	3.32E-04	2.60E-05	7.32E-06	6.76E-07	1.23E-03	1.13E-04	1.36E-03	1.16E-04	1.80E-03	1.52E-04	3.11E-04	2.83E-05	5.79E-05	5.35E-06	1.68E-05	1.55E-06	3.96E-05	3.66E-06	4.31E-06	4.31E-06	1.34E-01	1.99E-02	3.11E-01	4.15E-02
216	Gridded	2.62E-05	3.18E-06	5.65E-06	6.27E-07	3.11E-04	4.01E-05	3.21E-04	4.08E-05	3.70E-04	4.04E-05	7.37E-06	9.53E-07	1.24E-03	1.60E-04	1.43E-03	1.72E-04	2.10E-03	1.48E-04	3.14E-04	4.02E-05	5.84E-05	7.55E-06	1.69E-05	2.18E-06	3.99E-05	5.16E-06	5.46E-06	5.46E-06	1.29E-01	1.71E-02	2.57E-01	3.70E-02
217	Gridded	2.45E-05	3.54E-06	5.29E-06	7.50E-07	2.90E-04	4.18E-05	2.97E-04	4.35E-05	3.47E-04	4.90E-05	6.91E-06	9.85E-07	1.16E-03	1.67E-04	1.34E-03	1.93E-04	2.58E-03	2.55E-04	2.91E-04	4.22E-05	5.47E-05	7.80E-06	1.58E-05	2.26E-06	3.75E-05	5.33E-06	8.16E-06	8.16E-06	1.34E-01	1.84E-02	3.08E-01	3.13E-02
218	Gridded	2.27E-05	3.57E-06	4.93E-06	7.97E-07	2.78E-04	4.00E-05	2.83E-04	4.24E-05	3.23E-04	5.25E-05	6.61E-06	9.34E-07	1.11E-03	1.59E-04	1.24E-03	1.96E-04	2.57E-03	3.56E-04	2.79E-04	4.05E-05	5.23E-05	7.39E-06	1.52E-05	2.14E-06	3.58E-05	5.06E-06	9.83E-06	9.83E-06	1.60E-01	1.84E-02	3.47E-01	3.37E-02
219	Gridded	4.14E-05	3.10E-06	9.29E-06	7.16E-07	4.63E-04	3.36E-05	4.91E-04	3.60E-05	6.12E-04	4.74E-05	1.08E-05	7.78E-07	1.84E-03	1.33E-04	2.28E-03	1.71E-04	4.21E-03	3.66E-04	4.69E-04	3.41E-05	8.55E-05	6.16E-06	2.48E-05	1.78E-06	5.85E-05	4.22E-06	9.47E-06	9.47E-06	1.57E-01	1.54E-02	3.60E-01	2.67E-02
220	Gridded	3.41E-05	2.42E-06	7.76E-06	5.27E-07	3.74E-04	2.79E-05	3.99E-04	2.93E-05	5.13E-04	3.46E-05	8.70E-06	6.54E-07	1.48E-03	1.11E-04	1.88E-03	1.33E-04	3.78E-03	2.91E-04	3.80E-04	2.82E-05	6.88E-05	5.18E-06	1.99E-05	1.50E-06	4.71E-05	3.54E-06	6.69E-06	6.69E-06	1.32E-01	1.44E-02	3.07E-01	2.55E-02
221	Gridded	2.72E-05	3.31E-06	5.40E-06	7.00E-07	3.41E-04	3.92E-05	3.48E-04	4.08E-05	3.49E-04	4.57E-05	8.10E-06	9.23E-07	1.36E-03	1.56E-04	1.47E-03	1.80E-04	2.14E-03	2.34E-04	3.42E-04	3.95E-05	6.42E-05	7.31E-06	1.86E-05	2.12E-06	4.39E-05	5.00E-06	7.56E-06	7.56E-06	1.37E-01	1.63E-02	3.33E-01	3.18E-02
222	Gridded	2.82E-05	4.43E-06	5.79E-06	9.53E-07	3.41E-04	5.17E-05	3.52E-04	5.40E-05	3.77E-04	6.24E-05	8.08E-06	1.21E-06	1.36E-03	2.06E-04	1.53E-03	2.42E-04	2.33E-03	3.52E-04	3.44E-04	5.22E-05	6.39E-05	9.61E-06	1.85E-05	2.78E-06	4.37E-05	6.58E-06	1.07E-05	1.07E-05	1.37E-01	1.27E-02	2.75E-01	2.43E-02
223	Gridded	3.37E-05	3.77E-06	7.42E-06	8.68E-07	3.83E-04	4.09E-05	4.04E-04	4.39E-05	4.88E-04	5.75E-05	8.96E-06	9.50E-07	1.52E-03	1.62E-04	1.85E-03	2.08E-04	3.11E-03	4.38E-04	3.88E-04	4.16E-05	7.09E-05	7.52E-06	2.05E-05	2.18E-06	4.85E-05	5.15E-06	1.14E-05	1.14E-05	1.39E-01	1.02E-02	2.80E-01	1.82E-02
224	Gridded	2.35E-05	1.95E-06	5.04E-06	4.43E-07	2.78E-04	2.21E-05	2.89E-04	2.33E-05	3.31E-04	2.98E-05	6.55E-06	5.18E-07	1.11E-03	8.80E-05	1.28E-03	1.07E-04	3.01E-03	3.05E-04	2.80E-04	2.24E-05	5.18E-05	4.10E-06	1.50E-05	1.19E-06	3.55E-05	2.80E-06	6.95E-06	6.95E-06	1.05E-01	8.51E-03	2.29E-01	1.47E-02
225	Gridded	2.25E-05	1.79E-06	4.70E-06	3.79E-07	2.70E-04	2.12E-05	2.79E-04	2.20E-05	3.06E-04	2.48E-05	6.36E-06	4.99E-07	1.07E-03	8.44E-05	1.22E-03	9.77E-05	2.03E-03	1.58E-04	2.72E-04	2.14E-05	5.04E-05	3.95E-06	1.46E-05	1.14E-06	3.45E-05	2.70E-06	4.11E-06	4.11E-06	1.07E-01	9.32E-03	2.14E-01	1.40E-02
226	Gridded	2.84E-05	1.99E-06	6.27E-06	4.44E-07	3.23E-04	2.23E-05	3.41E-04	2.36E-05	4.12E-04	2.92E-05	7.55E-06	5.21E-07	1.28E-03	8.87E-05	1.56E-03	1.09E-04	2.64E-03	1.98E-04	3.27E-04	2.26E-05	5.98E-05	4.12E-06	1.73E-05	1.19E-06	4.09E-05	2.82E-06	5.47E-06	5.47E-06	1.15E-01	9.21E-03	2.03E-01	1.35E-02
227	Gridded	2.53E-05	1.84E-06	5.69E-06	4.14E-07	2.81E-04	2.05E-05	2.99E-04	2.18E-05	3.75E-04	2.73E-05	6.55E-06	4.79E-07	1.12E-03	8.16E-05	1.39E-03	1.01E-04	2.63E-03	1.90E-04	2.85E-04	2.08E-05	5.19E-05	3.79E-06	1.50E-05	1.10E-06	3.55E-05	2.59E-06	5.17E-06	5.17E-06	1.24E-01	9.26E-03	2.41E-01	1.60E-02
228	Gridded	2.03E-05	1.67E-06	4.27E-06	3.63E-07	2.42E-04	1.93E-05	2.51E-04	2.02E-05	2.79E-04	2.38E-05	5.71E-06	4.52E-07	9.65E-04	7.67E-05	1.11E-03	9.15E-05	1.84E-03	1.53E-04	2.44E-04	1.95E-05	4.52E-05	3.58E-06	1.31E-05	1.04E-06	3.09E-05	2.45E-06	4.31E-06	4.31E-06	1.20E-01	8.53E-03	2.09E-01	1.53E-02
229	Gridded	2.23E-05	1.81E-06	4.89E-06	3.87E-07	2.55E-04	2.12E-05	2.68E-04	2.21E-05	3.22E-04	2.53E-05	5.96E-06	4.99E-07	1.01E-03	8.45E-05	1.22E-03	9.88E-05	2.02E-03	1.68E-04	2.57E-04	2.14E-05	4.72E-05	3.95E-06	1.37E-05	1.14E-06	3.23E-05	2.70E-06	4.69E-06	4.69E-06	1.00E-01	1.15E-02	1.82E-01	2.05E-02
230	Gridded	1.93E-05	2.01E-06	4.17E-06	4.37E-07	2.23E-04	2.31E-05	2.34E-04	2.42E-05	2.74E-04	2.87E-05	5.23E-06	5.41E-07	8.87E-04	9.18E-05	1.05E-03	1.10E-04	1.72E-03	1.73E-04	2.25E-04	2.33E-05	4.14E-05	4.28E-06	1.20E-05	1.24E-06	2.83E-05	2.93E-06	5.09E-06	5.09E-06	1.35E-01	1.25E-02	2.38E-01	2.18E-02
231	Gridded	2.51E-05	2.51E-06	5.38E-06	5.39E-07	2.94E-04	2.93E-05	3.07E-04	3.06E-05	3.52E-04	3.53E-05	6.91E-06	6.88E-07	1.17E-03	1.17E-04	1.37E-03	1.37E-04	2.20E-03	1.98E-04	2.97E-04	2.96E-05	5.47E-05	5.45E-06	1.58E-05	1.58E-06	3.75E-05	3.73E-06	6.06E-06	6.06E-06	1.09E-01	1.32E-02	1.90E-01	2.20E-02
232	Gridded	1.95E-05	2.32E-06	4.32E-06	5.09E-07	2.20E-04	2.64E-05	2.32E-04	2.78E-05	2.85E-04	3.35E-05	5.13E-06	6.19E-07	8.73E-04	1.05E-04	1.07E-03	1.27E-04	1.88E-03	2.10E-04	2.22E-04	2.67E-05	4.06E-05	4.90E-06	1.18E-05	1.42E-06	2.78E-05	3.35E-06	6.05E-06	6.05E-06	9.50E-02	1.05E-02	1.90E-01	1.77E-02
233	Gridded	1.46E-05	1.55E-06	2.98E-06	3.39E-07	1.79E-04	1.77E-05	1.84E-04	1.86E-05	1.93E-04	2.23E-05	4.25E-06	4.14E-07	7.15E-04	7.02E-05	7.93E-04	8.47E-05	1.38E-03	1.40E-04	1.80E-04	1.79E-05	3.36E-05	3.27E-06	9.73E-06	9.48E-07	2.30E-05	2.24E-06	4.01E-06	4.01E-06	7.11E-02	9.54E-03	1.95E-01	1.68E-02
234	Gridded	1.37E-05	1.28E-06	3.01E-06	2.89E-07	1.70E-04	1.45E-05	1.74E-04	1.53E-05	1.98E-04	1.91E-05	4.04E-06	3.39E-07	6.79E-04	5.77E-05	7.51E-04	7.04E-05	1.31E-03	1.36E-04	1.71E-04	1.47E-05	3.20E-05	2.69E-06	9.26E-06	7.78E-07	2.19E-05	1.84E-06	3.67E-06	3.67E-06	1.07E-01	9.29E-03	2.20E-01	1.87E-02
235	Gridded	1.25E-05	1.76E-06	2.59E-06	3.80E-07	1.50E-04	2.03E-05	1.55E-04	2.13E-05	1.68E-04	2.49E-05	3.54E-06	4.77E-07	5.98E-04	8.08E-05	6.78E-04	9.61E-05	1.23E-03	1.56E-04	1.51E-04	2.05E-05	2.80E-05	3.78E-06	8.12E-06	1.09E-06	1.92E-05	2.58E-06	4.37E-06	4.37E-06	9.68E-02	7.86E-03	2.61E-01	2.04E-02
236	Gridded	1.36E-05	1.89E-06	2.88E-06	4.22E-07	1.61E-04	2.11E-05	1.68E-04	2.24E-05	1.89E-04	2.78E-05	3.79E-06	4.93E-07	6.41E-04	8.39E-05	7.42E-04	1.04E-04	1.59E-03	1.90E-04	1.62E-04	2.14E-05	3.00E-05	3.90E-06	8.69E-06	1.13E-06	2.05E-05	2.67E-06	5.23E-06	5.23E-06	7.29E-02	7.78E-03	2.03E-01	2.11E-02
237	Gridded	1.46E-05	1.55E-06	3.10E-06	3.51E-07	1.71E-04	1.72E-05	1.78E-04	1.83E-05	2.03E-04	2.32E-05	4.03E-06	4.01E-07	6.81E-04	6.83E-05	7.95E-04	8.56E-05	1.50E-03	1.65E-04	1.73E-04	1.74E-05	3.19E-05	3.17E-06	9.23E-06	9.18E-07	2.18E-05	2.17E-06	4.45E-06	4.45E-06	6.77E-02	7.87E-03	2.40E-01	2.25E-02
238	Gridded	1.58E-05	1.25E-06	3.31E-06	2.71E-07	1.88E-04	1.45E-05	1.95E-04	1.52E-05	2.16E-04	1.77E-05	4.43E-06	3.41E-07	7.48E-04	5.78E-05	8.59E-04	6.85E-05	1.42E-03	1.21E-04	1.89E-04	1.47E-05	3.51E-05	2.70E-06	1.02E-05	7.82E-07	2.40E-05	1.85E-06	3.34E-06	3.34E-06	9.84E-02	8.51E-03	2.33E-01	2.42E-02
239	Gridded	2.13E-05	1.56E-06	4.63E-06	3.39E-07	2.45E-04	1.79E-05	2.57E-04	1.88E-05	3.04E-04	2.22E-05	5.74E-06	4.19E-07	9.74E-04	7.11E-05	1.16E-03	8.52E-05	1.83E-03	1.34E-04	2.47E-04	1.81E-05	4.54E-05	3.32E-06	1.32E-05	9.61E-07	3.11E-05	2.27E-06	3.95E-06	3.95E-06	1.07E-01	9.71E-03	2.39E-01	2.59E-02
240	Gridded	1.77E-05	1.68E-06	4.00E-06	3.72E-07	1.96E-04	1.90E-05	2.09E-04	2.00E-05	2.64E-04	2.45E-05	4.56E-06	4.43E-07	7.78E-04	7.53E-05	9.75E-04	9.22E-05	1.89E-03	1.61E-04	1.99E-04	1.92E-05	3.61E-05	3.51E-06	1.05E-05	1.02E-06	2.47E-05	2.40E-06	4.52E-06	4.52E-06	8.70E-02	1.13E-02	2.69E-01	2.66E-02
241	Gridded	1.30E-05	1.69E-06	2.97E-06	3.73E-07	1.43E-04	1.93E-05	1.53E-04	2.03E-05	1.97E-04	2.45E-05	3.32E-06	4.51E-07	5.67E-04	7.66E-05	7.19E-04	9.29E-05	1.45E-03	1.62E-04	1.45E-04	1.95E-05	2.63E-05	3.57E-06	7.61E-06	1.03E-06	1.80E-05	2.44E-06	4.45E-06	4.45E-06	9.64E-02	1.26E-02	2.48E-01	2.45E-02
242	Gridded	1.51E-05	1.92E-06	2.96E-06	4.25E-07	1.90E-04	2.16E-05	1.94E-04	2.29E-05	1.90E-04	2.80E-05	4.53E-06	5.05E-07	7.60E-04	8.59E-05	8.12E-04	1.05E-04	1.23E-03	1.84E-04	1.91E-04	2.19E-05	3.59E-05	4.00E-06	1.04E-05	1.16E-06	2.46E-05	2.74E-06	5.17E-06	5.17E-06	1.12E-01	1.19E-02	1.89E-01	1.90E-02
243	Gridded	1.99E-05	2.38E-06	3.91E-06	4.67E-07	2.52E-04	3.01E-05	2.56E-04	3.06E-05	2.52E-04	3.01E-05	5.99E-06	7.16E-07	1.00E-03	1.20E-04	1.07E-03	1.28E-04	1.34E-03	1.90E-04	2.53E-04	3.02E-05	4.74E-05	5.67E-06	1.37E-05	1.64E-06	3.25E-05	3.88E-06	5.28E-06	5.28E-06	9.16E-02	9.58E-03	1.26E-01	1.65E-02
244	Gridded	2.23E-05	3.35E-06	4.47E-06	6.52E-07	2.77E-04	4.25E-05	2.84E-04	4.32E-05	2.89E-04	4.19E-05	6.63E-06	1.01E-06	1.11E-03	1.70E-04	1.21E-03	1.80E-04	1.44E-03	1.80E-04	2.79E-04	4.27E-05	5.25E-05	8.02E-06	1.52E-05	2.32E-06	3.59E-05	5.49E-06	5.44E-06	5.44E-06	7.40E-02	9.10E-03	1.37E-01	1.82E-02
245	Gridded	3.18E-05	3.71E-06	5.81E-06	7.37E-07	4.24E-04	4.63E-05	4.24E-04	4.73E-05	3.69E-04	4.76E-05	1.02E-05	1.10E-06	1.70E-03	1.85E-04	1.70E-03	2.00E-04	2.15E-03	1.49E-04	4.24E-04	4.65E-05	8.06E-05	8.72E-06	2.33E-05	2.52E-06	5.51E-05	5.96E-06	6.61E-06	6.61E-06	9.22E-02	1.14E-02	1.87E-01	2.34E-02
246	Gridded	2.57E-05	2.85E-06	4.70E-06	5.99E-07	3.43E-04	3.40E-05	3.43E-04	3.53E-05	2.98E-04	3.91E-05	8.23E-06	8.01E-07	1.37E-03	1.35E-04	1.37E-03	1.55E-04	2.34E-03	1.92E-04	3.43E-04	3.43E-05	6.51E-05	6.35E-06	1.89E-05	1.84E-06	4.46E-05	4.34E-06	6.35E-06	6.35E-06	8.44E-02	1.07E-02	1.88E-01	1.99E-02
247	Gridded	2.25E-05	1.99E-06	5.07E-06	4.52E-07	2.51E-04	2.20E-05	2.67E-04	2.34E-05	3.35E-04	2.98E-05	5.85E-06	5.13E-07	9.96E-04	8.72E-05	1.24E-03	1.10E-04	2.34E-03	2.16E-04	2.54E-04	2.23E-05	4.63E-05	4.06E-06	1.34E-05	1.18E-06	3.17E-05	2.78E-06	5.77E-06	5.77E-06	1.00E-01	9.46E-03	1.84E-01	1.62E-02
248	Gridded	2.43E-05	2.22E-06	5.60E-06	5.01E-07	2.63E-04	2.46E-05	2.83E-04	2.62E-05	3.71E-04	3.31E-05	6.11E-06	5.73E-07	1.05E-03	9.77E-05	1.34E-03	1.22E-04	2.84E-03	2.35E-04	2.68E-04	2.50E-05	4.84E-05	4.54E-06	1.40E-05	1.31E-06	3.31E-05	3.10E-06	6.34E-06	6.34E-06	9.59E-02	1.15E-02	1.76E-01	1.79E-02
249	Gridded	2.33E-05	2.76E-06	5.22E-06	6.04E-07	2.61E-04	3.16E-05	2.77E-04	3.33E-05	3.44E-04	3.96E-05	6.09E-06	7.41E-07	1.04E-03	1.26E-04	1.28E-03	1.51E-04	2.36E-03	2.44E-04	2.64E-04	3.20E-05	4.82E-05	5.87E-06	1.40E-05	1.70E-06	3.30E-05	4.02E-06	7.10E-06	7.10E-06	1.07E-01	1.51E-02	1.86E-01	2.14E-02
250	Gridded	2.10E-05	3.16E-06	4.74E-06	6.97E-07	2.34E-04	3.60E-05	2.47E-04	3.80E-05	3.13E-04	4.59E-05	5.49E-06	8.42E-07	9.29E-04	1.43E-04	1.16E-03	1.74E-04	2.90E-03	2.93E-04	2.36E-04	3.64E-05	4.34E-05	6.67E-06	1.26E-05	1.93E-06	2.97E-05	4.56E-06	8.35E-06	8.35E-06	1.01E-01	1.67E-02	1.55E-01	2.36E-02
251	Gridded	2.21E-05	3.04E-06	4.86E-06	6.58E-07	2.52E-04	3.52E-05	2.65E-04	3.69E-05	3.19E-04	4.33E-05	5.90E-06	8.27E-07	1.00E-03	1.40E-04	1.21E-03	1.66E-04	3.52E-03	2.81E-04	2.55E-04	3.56E-05	4.67E-05	6.54E-06	1.35E-05	1.89E-06	3.19E-05	4.48E-06	7.94E-06	7.94E-06	1.00E-01	1.62E-02	1.56E-01	2.49E-02
252	Gridded	1.88E-05	3.25E-06	4.27E-06	7.14E-07	2.07E-04	3.71E-05	2.21E-04	3.91E-05	2.82E-04	4.69E-05	4.81E-06	8.70E-07	8.21E-04	1.48E-04	1.04E-03	1.78E-04	2.50E-03	2.94E-04	2.10E-04	3.76E-05	3.81E-05	6.88E-06	1.10E-05	1.99E-06	2.61E-05	4.71E-06	8.47E-06	8.47E-06	8.53E-02	1.60E-02	1.35E-01	2.44E-02
253	Gridded	1.84E-05	3.01E-06	3.87E-06	6.68E-07	2.20E-04	3.39E-05	2.28E-04	3.58E-05	2.52E-04	4.40E-05	5.18E-06	7.92E-07	8.75E-04	1.35E-04	1.00E-03	1.65E-04	4.26E-03	2.92E-04	2.21E-04	3.43E-05	4.10E-05	6.27E-06	1.19E-05	1.81E-06	2.80E-05	4.29E-06	8.16E-06	8.16E-06	8.50E-02	1.40E-02	1.57E-01	2.11E-02
254	Gridded	2.11E-05	2.55E-06	4.44E-06	5.48E-07	2.50E-04	2.96E-05	2.60E-04	3.10E-05	2.90E-04	3.59E-05	5.89E-06	6.97E-07	9.95E-04	1.18E-04	1.15E-03	1.39E-04	3.56E-03	2.33E-04	2.52E-04	2.99E-05	4.66E-05	5.51E-06	1.35E-05	1.60E-06	3.19E-05	3.77E-06	6.42E-06	6.42E-06	7.17E-02	1.39E-02	1.44E-01	2.27E-02
255	Gridded	1.56E-05	2.71E-06	3.46E-06	5.94E-07	1.96E-04	3.10E-05	1.96E-04	3.26E-05	2.28E-04	3.90E-05	4.69E-06	7.26E-07	7.82E-04	1.23E-04	8.58E-04	1.49E-04	1.76E-03	2.42E-04	1.96E-04	3.14E-05	3.71E-05	5.75E-06	1.08E-05	1.66E-06	2.54E-05	3.93E-06	7.01E-06	7.01E-06	5.85E-02	1.61E-02	1.56E-01	2.38E-02
256	Gridded	1.81E-05	2.76E-06	3.87E-06	6.10E-07	2.30E-04	3.12E-05	2.33E-04	3.30E-05	2.55E-04	4.01E-05	5.47E-06	7.31E-07	9.17E-04	1.24E-04	9.77E-04	1.51E-04	1.71E-03	2.61E-04	2.30E-04	3.16E-05	4.33E-05	5.78E-06	1.25E-05	1.67E-06	2.96E-05	3.96E-06	7.37E-06	7.37E-06	6.88E-02	1.10E-02	1.46E-01	2.03E-02
257	Gridded	1.83E-05	2.36E-06	3.80E-06	5.28E-07	2.30E-04	2.65E-05	2.34E-04	2.81E-05	2.49E-04	3.48E-05	5.46E-06	6.19E-07	9.17E-04	1.05E-04	9.86E-04	1.30E-04	1.81E-03	2.46E-04	2.31E-04	2.69E-05	4.33E-05	4.90E-06	1.25E-05	1.42E-06	2.96E-05	3.35E-06	6.51E-06	6.51E-06	7.34E-02	1.21E-02	1.77E-01	2.39E-02
258	Gridded	1.78E-05	1.83E-06	3.85E-06	4.04E-07	2.06E-04	2.12E-05	2.16E-04	2.22E-05	2.53E-04	2.67E-05	4.82E-06	4.97E-07	8.18E-04	8.43E-05	9.73E-04	9.99E-05	2.69E-03	2.12E-04	2.08E-04	2.14E-05	3.82E-05	3.94E-06	1.11E-05	1.14E-06	2.61E-05	2.69E-06	5.24E-06	5.24E-06	7.88E-02	1.24E-02	2.01E-01	2.42E-02
259	Gridded	2.32E-05	1.83E-06	5.03E-06	3.96E-07	2.69E-04	2.12E-05	2.82E-04	2.22E-05	3.30E-04	2.59E-05	6.32E-06	4.97E-07	1.07E-03	8.42E-05	1.27E-03	1.00E-04	3.41E-03	1.75E-04	2.72E-04	2.14E-05	5.00E-05	3.93E-06	1.45E-05	1.14E-06	3.42E-05	2.69E-06	4.54E-06	4.54E-06	8.72E-02	1.15E-02	2.10E-01	2.15E-02
260	Gridded	2.80E-05	1.87E-06	6.27E-06	3.99E-07	3.14E-04	2.18E-05	3.33E-04	2.28E-05	4.13E-04	2.61E-05	7.33E-06	5.14E-07	1.25E-03	8.69E-05	1.54E-03	1.02E-04	3.62E-03	1.79E-04	3.18E-04	2.21E-05	5.80E-05	4.07E-06	1.68E-05	1.18E-06	3.97E-05	2.78E-06	4.77E-06	4.77E-06	9.50E-02	1.10E-02	1.92E-01	1.91E-02
261	Gridded	2.22E-05	1.82E-06	5.17E-06	3.95E-07	2.58E-04	2.10E-05	2.64E-04	2.20E-05	3.43E-04	2.59E-05	6.12E-06	4.93E-07	1.03E-03	8.36E-05	1.23E-03	9.96E-05	3.17E-03	1.74E-04	2.59E-04	2.12E-05	4.84E-05	3.90E-06	1.40E-05	1.13E-06	3.31E-05	2.67E-06	4.62E-06	4.62E-06	9.18E-02	1.19E-02	1.99E-01	2.19E-02
262	Gridded	1.71E-05	1.79E-06	3.65E-06	3.91E-07	2.01E-04	2.05E-05	2.10E-04	2.16E-05	2.39E-04	2.57E-05	4.73E-06	4.81E-07	8.00E-04	8.16E-05	9.35E-04	9.81E-05	2.54E-03	1.60E-04	2.03E-04	2.08E-05	3.74E-05	3.81E-06	1.08E-05	1.10E-06	2.56E-05	2.61E-06	4.60E-06	4.60E-06	8.74E-02	1.26E-02	2.10E-01	2.27E-02
263	Gridded	1.39E-05	1.76E-06	3.17E-06	3.85E-07	1.73E-04	2.06E-05	1.75E-04	2.15E-05	2.09E-04	2.53E-05	4.15E-06	4.85E-07	6.93E-04	8.21E-05	7.69E-04	9.64E-05	1.95E-03	1.56E-04	1.74E-04	2.08E-05	3.28E-05	3.84E-06	9.50E-06	1.11E-06	2.25E-05	2.63E-06	4.53E-06	4.53E-06	9.59E-02	1.59E-02	2.59E-01	2.75E-02
264	Gridded	1.86E-05	2.06E-06	3.82E-06	4.43E-07	2.25E-04	2.40E-05	2.32E-04	2.51E-05	2.48E-04	2.91E-05	5.33E-06	5.63E-07	8.98E-04	9.54E-05	1.01E-03	1.13E-04	1.86E-03	1.95E-04	2.27E-04	2.42E-05	4.22E-05	4.46E-06	1.22E-05	1.29E-06	2.89E-05	3.05E-06	5.42E-06	5.42E-06	1.21E-01	1.88E-02	2.65E-01	3.32E-02
265	Gridded	2.03E-05	2.05E-06	4.20E-06	4.46E-07	2.44E-04	2.37E-05	2.53E-04	2.48E-05	2.73E-04	2.93E-05	5.77E-06	5.55E-07	9.74E-04	9.42E-05	1.10E-03	1.12E-04	1.97E-03	2.08E-04	2.46E-04	2.39E-05	4.57E-05	4.40E-06	1.32E-05	1.27E-06	3.13E-05	3.01E-06	5.54E-06	5.54E-06	1.67E-01	1.76E-02	3.05E-01	3.22E-02
266	Gridded	1.84E-05	1.75E-06	3.69E-06	3.84E-07	2.31E-04	2.00E-05	2.36E-04	2.11E-05	2.42E-04	2.52E-05	5.50E-06	4.69E-07	9.23E-04	7.96E-05	9.93E-04	9.60E-05	1.72E-03	1.63E-04	2.32E-04	2.03E-05	4.36E-05	3.71E-06	1.26E-05	1.07E-06	2.98E-05	2.54E-06	4.54E-06	4.54E-06	1.58E-01	1.97E-02	3.13E-01	3.62E-02
267	Gridded	2.64E-05	2.66E-06	5.50E-06	5.10E-07	3.26E-04	3.43E-05	3.31E-04	3.47E-05	3.58E-04	3.27E-05	7.77E-06	8.19E-07	1.30E-03	1.37E-04	1.44E-03	1.43E-04	1.82E-03	1.44E-04	3.27E-04	3.44E-05	6.15E-05	6.48E-06	1.78E-05	1.88E-06	4.21E-05	4.44E-06	4.02E-06	4.02E-06	1.13E-01	1.89E-02	3.05E-01	4.22E-02
268	Gridded	2.65E-05	3.75E-06	5.87E-06	7.64E-07	3.15E-04	4.58E-05	3.27E-04	4.71E-05	3.87E-04	4.96E-05	7.43E-06	1.08E-06	1.25E-03	1.83E-04	1.44E-03	2.03E-04	2.67E-03	2.01E-04	3.18E-04	4.61E-05	5.88E-05	8.59E-06	1.70E-05	2.49E-06	4.02E-05	5.88E-06	7.45E-06	7.45E-06	1.45E-01	1.94E-02	3.09E-01	3.33E-02

Scenario 1 Results

269 Gridded	3.13E-05	4.12E-06	6.63E-06	9.04E-07	3.70E-04	4.70E-05	3.85E-04	4.95E-05	4.35E-04	5.94E-05	8.73E-06	1.10E-06	1.48E-03	1.87E-04	1.71E-03	2.26E-04	3.17E-03	3.72E-04	3.74E-04	4.76E-05	6.91E-05	8.72E-06	2.00E-05	2.52E-06	4.73E-05	5.96E-06	1.07E-05	1.07E-05	1.53E-01	2.07E-02	3.17E-01	3.63E-02
270 Gridded	3.77E-05	3.61E-06	8.30E-06	8.21E-07	4.60E-04	3.98E-05	4.74E-04	4.24E-05	5.46E-04	5.43E-05	1.09E-05	9.25E-07	1.83E-03	1.58E-04	2.05E-03	1.99E-04	3.61E-03	3.96E-04	4.63E-04	4.03E-05	8.62E-05	7.32E-06	2.50E-05	2.12E-06	5.90E-05	5.01E-06	1.05E-05	1.05E-05	1.68E-01	1.84E-02	4.03E-01	3.28E-02
271 Gridded	4.18E-05	3.12E-06	9.53E-06	6.81E-07	4.60E-04	3.59E-05	4.91E-04	3.77E-05	6.30E-04	4.47E-05	1.07E-05	8.40E-07	1.83E-03	1.43E-04	2.31E-03	1.71E-04	4.62E-03	3.71E-04	4.67E-04	3.63E-05	8.46E-05	6.65E-06	2.45E-05	1.93E-06	5.79E-05	4.55E-06	8.90E-06	8.90E-06	1.76E-01	1.43E-02	3.73E-01	2.97E-02
272 Gridded	2.94E-05	3.41E-06	5.72E-06	7.23E-07	3.73E-04	4.03E-05	3.79E-04	4.19E-05	3.68E-04	4.72E-05	8.90E-06	9.49E-07	1.49E-03	1.61E-04	1.58E-03	1.86E-04	2.44E-03	2.45E-04	3.75E-04	4.07E-05	7.05E-05	7.52E-06	2.04E-05	2.18E-06	4.82E-05	5.14E-06	7.85E-06	7.85E-06	1.63E-01	1.77E-02	3.73E-01	3.38E-02
273 Gridded	2.81E-05	4.63E-06	5.96E-06	9.85E-07	3.34E-04	5.46E-05	3.45E-04	5.69E-05	3.90E-04	6.44E-05	7.93E-06	1.29E-06	1.33E-03	2.17E-04	1.53E-03	2.53E-04	2.21E-03	3.40E-04	3.36E-04	5.51E-05	6.28E-05	1.02E-05	1.82E-05	2.95E-06	4.30E-05	6.96E-06	1.08E-05	1.08E-05	1.54E-01	1.52E-02	3.33E-01	2.98E-02
274 Gridded	3.53E-05	4.16E-06	7.62E-06	9.42E-07	4.09E-04	4.59E-05	4.28E-04	4.89E-05	4.99E-04	6.22E-05	9.59E-06	1.07E-06	1.63E-03	1.82E-04	1.93E-03	2.29E-04	2.92E-03	4.48E-04	4.13E-04	4.66E-05	7.59E-05	8.46E-06	2.20E-05	2.45E-06	5.20E-05	5.79E-06	1.20E-05	1.20E-05	1.39E-01	1.15E-02	2.79E-01	2.06E-02
275 Gridded	2.33E-05	2.03E-06	5.23E-06	5.12E-07	2.76E-04	2.30E-05	2.86E-04	2.41E-05	3.49E-04	3.44E-05	6.50E-06	5.39E-07	1.10E-03	9.14E-05	1.28E-03	1.14E-04	3.25E-03	3.47E-04	2.78E-04	2.32E-05	5.15E-05	4.27E-06	1.49E-05	1.24E-06	3.52E-05	2.92E-06	7.94E-06	7.94E-06	1.25E-01	8.62E-03	2.69E-01	1.52E-02
276 Gridded	2.11E-05	1.81E-06	4.39E-06	3.82E-07	2.54E-04	2.15E-05	2.63E-04	2.23E-05	2.86E-04	2.50E-05	5.99E-06	5.06E-07	1.01E-03	8.55E-05	1.15E-03	9.87E-05	2.12E-03	1.73E-04	2.56E-04	2.17E-05	4.74E-05	4.01E-06	1.37E-05	1.16E-06	3.25E-05	2.74E-06	4.26E-06	4.26E-06	1.08E-01	9.69E-03	2.17E-01	1.47E-02
277 Gridded	2.83E-05	2.05E-06	6.21E-06	4.57E-07	3.24E-04	2.31E-05	3.41E-04	2.44E-05	4.08E-04	3.01E-05	7.58E-06	5.39E-07	1.29E-03	9.18E-05	1.55E-03	1.13E-04	2.55E-03	2.02E-04	3.27E-04	2.34E-05	6.00E-05	4.27E-06	1.74E-05	1.24E-06	4.11E-05	2.92E-06	5.61E-06	5.61E-06	1.18E-01	9.63E-03	2.08E-01	1.44E-02
278 Gridded	2.55E-05	1.87E-06	5.71E-06	4.19E-07	2.86E-04	2.09E-05	3.03E-04	2.22E-05	3.76E-04	2.76E-05	6.68E-06	4.88E-07	1.14E-03	8.31E-05	1.40E-03	1.03E-04	2.56E-03	1.89E-04	2.90E-04	2.12E-05	5.29E-05	3.86E-06	1.53E-05	1.12E-06	3.62E-05	2.64E-06	5.20E-06	5.20E-06	1.25E-01	9.72E-03	2.42E-01	1.68E-02
279 Gridded	2.12E-05	1.71E-06	4.46E-06	3.70E-07	2.53E-04	1.98E-05	2.62E-04	2.08E-05	2.91E-04	2.43E-05	5.96E-06	4.65E-07	1.01E-03	7.89E-05	1.16E-03	9.37E-05	1.87E-03	1.53E-04	2.55E-04	2.00E-05	4.72E-05	3.68E-06	1.37E-05	1.07E-06	3.23E-05	2.52E-06	4.36E-06	4.36E-06	1.25E-01	9.05E-03	2.19E-01	1.60E-02
280 Gridded	2.25E-05	1.87E-06	4.94E-06	3.99E-07	2.56E-04	2.19E-05	2.70E-04	2.29E-05	3.25E-04	2.61E-05	5.99E-06	5.16E-07	1.02E-03	8.73E-05	1.23E-03	1.02E-04	2.05E-03	1.73E-04	2.59E-04	2.21E-05	4.74E-05	4.08E-06	1.37E-05	1.18E-06	3.25E-05	2.79E-06	4.83E-06	4.83E-06	1.05E-01	1.20E-02	2.00E-01	2.13E-02
281 Gridded	2.06E-05	2.06E-06	4.49E-06	4.49E-07	2.38E-04	2.36E-05	2.50E-04	2.48E-05	2.95E-04	2.95E-05	5.57E-06	5.54E-07	9.45E-04	9.40E-05	1.13E-03	1.13E-04	1.77E-03	1.80E-04	2.40E-04	2.39E-05	4.41E-05	4.38E-06	1.28E-05	1.27E-06	3.02E-05	3.00E-06	5.25E-06	5.25E-06	1.37E-01	1.29E-02	2.38E-01	2.24E-02
282 Gridded	2.40E-05	2.53E-06	5.15E-06	5.42E-07	2.79E-04	2.95E-05	2.92E-04	3.08E-05	3.37E-04	3.55E-05	6.56E-06	6.93E-07	1.11E-03	1.17E-04	1.31E-03	1.38E-04	2.15E-03	1.98E-04	2.82E-04	2.98E-05	5.19E-05	5.49E-06	1.50E-05	1.59E-06	3.55E-05	3.76E-06	6.08E-06	6.08E-06	1.10E-01	1.32E-02	1.90E-01	2.18E-02
283 Gridded	1.68E-05	2.08E-06	3.74E-06	4.60E-07	1.94E-04	2.37E-05	2.03E-04	2.50E-05	2.46E-04	3.02E-05	4.55E-06	5.53E-07	7.71E-04	9.40E-05	9.25E-04	1.14E-04	1.64E-03	1.94E-04	1.96E-04	2.39E-05	3.60E-05	4.38E-06	1.04E-05	1.27E-06	2.47E-05	3.00E-06	5.52E-06	5.52E-06	9.49E-02	1.05E-02	1.87E-01	1.81E-02
284 Gridded	1.48E-05	1.57E-06	3.12E-06	3.43E-07	1.80E-04	1.79E-05	1.86E-04	1.89E-05	2.04E-04	2.26E-05	4.27E-06	4.20E-07	7.19E-04	7.13E-05	8.06E-04	8.60E-05	1.33E-03	1.40E-04	1.82E-04	1.81E-05	3.38E-05	3.33E-06	9.77E-06	9.63E-07	2.31E-05	2.28E-06	4.06E-06	4.06E-06	8.71E-02	1.01E-02	2.24E-01	1.76E-02
285 Gridded	1.33E-05	1.31E-06	2.95E-06	2.93E-07	1.53E-04	1.57E-05	1.58E-04	1.62E-05	1.94E-04	1.94E-05	3.63E-06	3.69E-07	6.09E-04	6.24E-05	7.29E-04	7.14E-05	1.37E-03	1.48E-04	1.53E-04	1.58E-05	2.87E-05	2.92E-06	8.31E-06	8.47E-07	1.96E-05	2.00E-06	3.85E-06	3.85E-06	1.11E-01	9.24E-03	2.38E-01	2.08E-02
286 Gridded	1.37E-05	1.93E-06	2.93E-06	4.23E-07	1.60E-04	2.22E-05	1.67E-04	2.33E-05	1.92E-04	2.77E-05	3.77E-06	5.20E-07	6.38E-04	8.83E-05	7.48E-04	1.06E-04	1.33E-03	1.70E-04	1.62E-04	2.24E-05	2.99E-05	4.12E-06	8.64E-06	1.19E-06	2.04E-05	2.82E-06	4.96E-06	4.96E-06	8.38E-02	8.23E-03	2.64E-01	2.13E-02
287 Gridded	1.39E-05	1.91E-06	2.98E-06	4.31E-07	1.63E-04	2.13E-05	1.70E-04	2.26E-05	1.95E-04	2.84E-05	3.84E-06	4.97E-07	6.50E-04	8.46E-05	7.61E-04	1.05E-04	1.67E-03	1.99E-04	1.65E-04	2.16E-05	3.04E-05	3.93E-06	8.81E-06	1.14E-06	2.08E-05	2.69E-06	5.41E-06	5.41E-06	7.51E-02	8.15E-03	2.01E-01	2.19E-02
288 Gridded	1.37E-05	1.47E-06	3.01E-06	3.32E-07	1.56E-04	1.63E-05	1.64E-04	1.74E-05	1.98E-04	2.19E-05	3.64E-06	3.80E-07	6.18E-04	6.47E-05	7.50E-04	8.10E-05	1.41E-03	1.56E-04	1.57E-04	1.65E-05	2.88E-05	3.01E-06	8.34E-06	8.70E-07	1.97E-05	2.06E-06	4.20E-06	4.20E-06	7.50E-02	8.49E-03	2.52E-01	2.34E-02
289 Gridded	1.84E-05	1.46E-06	3.90E-06	3.15E-07	2.17E-04	1.69E-05	2.26E-04	1.77E-05	2.55E-04	2.06E-05	5.12E-06	3.96E-07	8.66E-04	6.71E-05	1.00E-03	7.96E-05	1.61E-03	1.22E-04	2.19E-04	1.70E-05	4.05E-05	3.13E-06	1.17E-05	9.07E-07	2.77E-05	2.14E-06	3.61E-06	3.61E-06	1.08E-01	9.50E-03	2.15E-01	2.57E-02
290 Gridded	2.13E-05	1.72E-06	4.67E-06	3.77E-07	2.42E-04	1.97E-05	2.55E-04	2.07E-05	3.07E-04	2.48E-05	5.67E-06	4.61E-07	9.63E-04	7.83E-05	1.17E-03	9.44E-05	1.94E-03	1.54E-04	2.45E-04	1.99E-05	4.49E-05	3.65E-06	1.30E-05	1.06E-06	3.07E-05	2.50E-06	4.46E-06	4.46E-06	1.04E-01	1.10E-02	2.59E-01	2.79E-02
291 Gridded	1.50E-05	1.69E-06	3.39E-06	3.80E-07	1.71E-04	1.89E-05	1.80E-04	2.01E-05	2.24E-04	2.50E-05	3.99E-06	4.42E-07	6.79E-04	7.53E-05	8.25E-04	9.33E-05	1.66E-03	1.72E-04	1.73E-04	1.92E-05	3.16E-05	3.50E-06	9.15E-06	1.01E-06	2.16E-05	2.39E-06	4.72E-06	4.72E-06	8.56E-02	1.27E-02	2.66E-01	2.79E-02
292 Gridded	1.36E-05	1.94E-06	2.98E-06	4.29E-07	1.55E-04	2.20E-05	1.64E-04	2.33E-05	1.96E-04	2.82E-05	3.64E-06	5.16E-07	6.18E-04	8.76E-05	7.46E-04	1.07E-04	1.38E-03	1.82E-04	1.57E-04	2.23E-05	2.88E-05	4.08E-06	8.34E-06	1.18E-06	1.97E-05	2.79E-06	5.17E-06	5.17E-06	1.21E-01	1.35E-02	2.41E-01	2.37E-02
293 Gridded	1.61E-05	2.06E-06	3.16E-06	4.58E-07	2.02E-04	2.32E-05	2.06E-04	2.45E-05	2.04E-04	3.01E-05	4.82E-06	5.41E-07	8.08E-04	9.20E-05	8.66E-04	1.13E-04	1.32E-03	2.01E-04	2.03E-04	2.35E-05	3.81E-05	4.28E-06	1.10E-05	1.24E-06	2.61E-05	2.93E-06	5.60E-06	5.60E-06	1.20E-01	1.16E-02	1.72E-01	1.93E-02
294 Gridded	2.01E-05	2.58E-06	3.94E-06	5.02E-07	2.54E-04	3.29E-05	2.59E-04	3.34E-05	2.54E-04	3.23E-05	6.05E-06	7.83E-07	1.01E-03	1.31E-04	1.08E-03	1.39E-04	1.43E-03	1.98E-04	2.55E-04	3.30E-05	4.79E-05	6.20E-06	1.39E-05	1.80E-06	3.28E-05	4.24E-06	5.47E-06	5.47E-06	8.30E-02	9.13E-03	1.63E-01	1.58E-02
295 Gridded	2.56E-05	3.41E-06	4.80E-06	6.61E-07	3.41E-04	4.36E-05	3.41E-04	4.42E-05	3.12E-04	4.24E-05	8.19E-06	1.04E-06	1.37E-03	1.74E-04	1.37E-03	1.84E-04	1.52E-03	1.75E-04	3.41E-04	4.37E-05	6.48E-05	8.23E-06	1.88E-05	2.38E-06	4.44E-05	5.63E-06	5.38E-06	5.38E-06	8.96E-02	1.17E-02	1.80E-01	2.39E-02
296 Gridded	3.49E-05	3.62E-06	6.38E-06	7.18E-07	4.66E-04	4.54E-05	4.66E-04	4.63E-05	4.05E-04	4.63E-05	1.12E-05	1.08E-06	1.86E-03	1.81E-04	1.86E-03	1.96E-04	2.30E-03	1.50E-04	4.66E-04	4.56E-05	8.85E-05	8.54E-06	2.56E-05	2.47E-06	6.05E-05	5.84E-06	6.39E-06	6.39E-06	9.08E-02	1.20E-02	2.12E-01	2.41E-02
297 Gridded	2.44E-05	2.58E-06	4.45E-06	5.46E-07	3.25E-04	3.05E-05	3.25E-04	3.17E-05	2.83E-04	3.57E-05	7.80E-06	7.18E-07	1.30E-03	1.21E-04	1.30E-03	1.41E-04	2.02E-03	1.93E-04	3.25E-04	3.07E-05	6.18E-05	5.68E-06	1.79E-05	1.64E-06	4.23E-05	3.89E-06	5.93E-06	5.93E-06	9.08E-02	9.54E-03	1.67E-01	1.64E-02
298 Gridded	2.50E-05	2.17E-06	5.63E-06	4.91E-07	2.79E-04	2.41E-05	2.95E-04	2.57E-05	3.72E-04	3.24E-05	6.51E-06	5.61E-07	1.11E-03	9.57E-05	1.38E-03	1.20E-04	2.63E-03	2.30E-04	2.82E-04	2.44E-05	5.16E-05	4.45E-06	1.49E-05	1.29E-06	3.53E-05	3.04E-06	6.21E-06	6.21E-06	1.06E-01	1.16E-02	1.87E-01	1.85E-02
299 Gridded	2.61E-05	2.84E-06	5.81E-06	6.18E-07	2.94E-04	3.26E-05	3.11E-04	3.43E-05	3.82E-04	4.05E-05	6.87E-06	7.65E-07	1.17E-03	1.30E-04	1.43E-03	1.55E-04	2.62E-03	2.75E-04	2.98E-04	3.30E-05	5.44E-05	6.05E-06	1.57E-05	1.75E-06	3.72E-05	4.14E-06	7.41E-06	7.41E-06	1.17E-01	1.58E-02	2.01E-01	2.36E-02
300 Gridded	2.48E-05	3.50E-06	5.54E-06	7.70E-07	2.77E-04	4.00E-05	2.94E-04	4.21E-05	3.65E-04	5.06E-05	6.46E-06	9.36E-07	1.10E-03	1.59E-04	1.36E-03	1.92E-04	2.50E-03	3.18E-04	2.81E-04	4.05E-05	5.12E-05	7.41E-06	1.48E-05	2.15E-06	3.50E-05	5.07E-06	9.14E-06	9.14E-06	1.09E-01	1.87E-02	1.88E-01	2.64E-02
301 Gridded	2.39E-05	3.38E-06	5.23E-06	7.48E-07	2.73E-04	3.83E-05	2.87E-04	4.04E-05	3.44E-04	4.92E-05	6.39E-06	8.95E-07	1.08E-03	1.52E-04	1.31E-03	1.86E-04	3.22E-03	3.20E-04	2.76E-04	3.87E-05	5.06E-05	7.08E-06	1.46E-05	2.05E-06	3.46E-05	4.85E-06	9.04E-06	9.04E-06	1.13E-01	1.75E-02	1.75E-01	2.67E-02
302 Gridded	1.79E-05	3.18E-06	4.05E-06	6.99E-07	1.99E-04	3.63E-05	2.12E-04	3.83E-05	2.67E-04	4.59E-05	4.63E-06	8.51E-07	7.89E-04	1.44E-04	9.88E-04	1.75E-04	2.85E-03	2.88E-04	2.02E-04	3.68E-05	3.67E-05	6.73E-06	1.06E-05	1.95E-06	2.51E-05	4.61E-06	8.29E-06	8.29E-06	8.50E-02	1.65E-02	1.42E-01	2.51E-02
303 Gridded	1.49E-05	2.73E-06	3.24E-06	6.05E-07	1.82E-04	3.07E-05	1.87E-04	3.25E-05	2.14E-04	3.99E-05	4.31E-06	7.18E-07	7.26E-04	1.22E-04	8.05E-04	1.50E-04	2.69E-03	2.63E-04	1.83E-04	3.11E-05	3.41E-05	5.69E-06	9.88E-06	1.65E-06	2.33E-05	3.89E-06	7.38E-06	7.38E-06	8.76E-02	1.45E-02	1.64E-01	2.25E-02
304 Gridded	2.03E-05	2.64E-06	4.24E-06	5.61E-07	2.44E-04	3.10E-05	2.52E-04	3.23E-05	2.76E-04	3.67E-05	5.75E-06	7.30E-07	9.70E-04	1.23E-04	1.11E-03	1.44E-04	3.19E-03	2.16E-04	2.45E-04	3.13E-05	4.55E-05	5.78E-06	1.32E-05	1.67E-06	3.11E-05	3.95E-06	6.17E-06	6.17E-06	7.36E-02	1.42E-02	1.60E-01	2.38E-02
305 Gridded	2.24E-05	2.86E-06	4.72E-06	6.23E-07	2.66E-04	3.29E-05	2.76E-04	3.46E-05	3.08E-04	4.09E-05	6.26E-06	7.72E-07	1.06E-03	1.31E-04	1.22E-03	1.57E-04	2.06E-03	2.47E-04	2.68E-04	3.33E-05	4.95E-05	6.11E-06	1.43E-05	1.77E-06	3.39E-05	4.18E-06	7.26E-06	7.26E-06	6.88E-02	1.55E-02	2.00E-01	2.43E-02
306 Gridded	1.77E-05	3.58E-06	3.87E-06	7.77E-07	2.13E-04	4.14E-05	2.15E-04	4.34E-05	2.55E-04	5.10E-05	5.10E-06	9.72E-07	8.52E-04	1.65E-04	9.70E-04	1.96E-04	1.58E-03	3.00E-04	2.14E-04	4.19E-05	4.04E-05	7.69E-06	1.17E-05	2.23E-06	2.76E-05	5.26E-06	8.95E-06	8.95E-06	8.46E-02	2.14E-02	2.08E-01	3.03E-02
307 Gridded	1.75E-05	2.92E-06	3.82E-06	6.43E-07	2.00E-04	3.33E-05	2.10E-04	3.51E-05	2.51E-04	4.23E-05	4.69E-06	7.78E-07	7.96E-04	1.32E-04	9.57E-04	1.60E-04	1.71E-03	2.68E-04	2.02E-04	3.37E-05	3.71E-05	6.16E-06	1.07E-05	1.78E-06	2.54E-05	4.22E-06	7.68E-06	7.68E-06	8.38E-02	1.14E-02	1.68E-01	2.34E-02
308 Gridded	2.02E-05	2.85E-06	4.14E-06	6.30E-07	2.54E-04	3.22E-05	2.59E-04	3.41E-05	2.73E-04	4.14E-05	6.04E-06	7.54E-07	1.01E-03	1.28E-04	1.09E-03	1.56E-04	2.02E-03	2.69E-04	2.55E-04	3.26E-05	4.78E-05	5.97E-06	1.39E-05	1.73E-06	3.27E-05	4.08E-06	7.60E-06	7.60E-06	7.34E-02	1.19E-02	1.87E-01	2.15E-02
309 Gridded	1.97E-05	2.46E-06	4.06E-06	5.48E-07	2.46E-04	2.75E-05	2.51E-04	2.92E-05	2.66E-04	3.61E-05	5.86E-06	6.43E-07	9.83E-04	1.09E-04	1.06E-03	1.35E-04	2.93E-03	2.55E-04	2.47E-04	2.79E-05	4.64E-05	5.09E-06	1.34E-05	1.47E-06	3.17E-05	3.48E-06	6.77E-06	6.77E-06	8.10E-02	1.26E-02	1.92E-01	2.51E-02
310 Gridded	1.84E-05	1.88E-06	3.95E-06	4.20E-07	2.14E-04	2.18E-05	2.24E-04	2.28E-05	2.58E-04	2.77E-05	5.03E-06	5.12E-07	8.51E-04	8.68E-05	1.00E-03	1.03E-04	3.47E-03	2.17E-04	2.16E-04	2.20E-05	3.98E-05	4.05E-06	1.15E-05	1.17E-06	2.72E-05	2.77E-06	5.49E-06	5.49E-06	8.51E-02	1.32E-02	1.79E-01	2.61E-02
311 Gridded	2.68E-05	1.86E-06	5.78E-06	4.02E-07	3.11E-04	2.18E-05	3.25E-04	2.25E-05	3.79E-04	2.63E-05	7.30E-06	5.17E-07	1.24E-03	8.69E-05	1.46E-03	1.02E-04	3.39E-03	1.78E-04	3.14E-04	2.19E-05	5.78E-05	4.09E-06	1.67E-05	1.18E-06	3.95E-05	2.80E-06	4.60E-06	4.60E-06	1.03E-01	1.23E-02	1.83E-01	2.35E-02
312 Gridded	2.98E-05	1.88E-06	6.67E-06	4.10E-07	3.33E-04	2.32E-05	3.53E-04	2.38E-05	4.40E-04	2.70E-05	7.77E-06	5.50E-07	1.32E-03	9.25E-05	1.64E-03	1.02E-04	3.01E-03	1.77E-04	3.38E-04	2.33E-05	6.15E-05	4.36E-06	1.78E-05	1.26E-06	4.21E-05	2.98E-06	4.98E-06	4.98E-06	1.01E-01	1.18E-02	1.82E-01	2.04E-02
313 Gridded	2.23E-05	1.88E-06	5.23E-06	4.08E-07	2.53E-04	2.20E-05	2.59E-04	2.27E-05	3.47E-04	2.67E-05	6.01E-06	5.21E-07	1.01E-03	8.78E-05	1.23E-03	1.03E-04	2.84E-03	1.79E-04	2.54E-04	2.22E-05	4.76E-05	4.12E-06	1.38E-05	1.19E-06	3.26E-05	2.82E-06	4.71E-06	4.71E-06	9.57E-02	1.24E-02	2.21E-01	2.38E-02
314 Gridded	1.72E-05	1.88E-06	3.94E-06	4.12E-07	1.97E-04	2.16E-05	2.05E-04	2.27E-05	2.61E-04	2.71E-05	4.63E-06	5.06E-07	7.84E-04	8.58E-05	9.48E-04	1.03E-04	1.96E-03	1.67E-04	1.99E-04	2.18E-05	3.67E-05	4.00E-06	1.06E-05	1.16E-06	2.51E-05	2.74E-06	4.86E-06	4.86E-06	9.49E-02	1.41E-02	2.32E-01	2.55E-02
315 Gridded	1.62E-05	2.11E-06	3.76E-06	4.52E-07	2.01E-04	2.46E-05	2.03E-04	2.57E-05	2.49E-04	2.97E-05	4.81E-06	5.79E-07	8.05E-04	9.80E-05	8.99E-04	1.15E-04	1.94E-03	1.87E-04	2.02E-04	2.49E-05	3.81E-05	4.58E-06	1.10E-05	1.33E-06	2.61E-05	3.13E-06	5.38E-06	5.38E-06	1.11E-01	1.91E-02	3.34E-01	3.29E-02
316 Gridded	2.14E-05	2.31E-06	4.44E-06	5.02E-07	2.57E-04	2.69E-05	2.66E-04	2.82E-05	2.89E-04	3.31E-05	6.06E-06	6.33E-07	1.02E-03	1.07E-04	1.16E-03	1.27E-04	2.11E-03	2.24E-04	2.59E-04	2.72E-05	4.80E-05	5.01E-06	1.39E-05	1.45E-06	3.29E-05	3.43E-06	6.19E-06	6.19E-06	1.53E-01	2.11E-02	3.20E-01	3.75E-02
317 Gridded	1.96E-05	1.99E-06	4.11E-06	4.32E-07	2.32E-04	2.29E-05	2.41E-04	2.40E-05	2.68E-04	2.83E-05	5.48E-06	5.37E-07	9.26E-04	9.10E-05	1.07E-03	1.09E-04	1.81E-03	1.99E-04	2.34E-04	2.31E-05	4.34E-05	4.25E-06	1.26E-05	1.23E-06	2.97E-05	2.91E-06	5.18E-06	5.18E-06	1.70E-01	1.77E-02	3.32E-01	3.31E-02
318 Gridded	2.33E-05	1.91E-06	4.68E-06	3.82E-07	2.88E-04	2.49E-05	2.95E-04	2.51E-05	3.03E-04	2.51E-05	6.83E-06	5.97E-07	1.15E-03	9.97E-05	1.26E-03	1.02E-04	1.77E-03	1.64E-04	2.89E-04	2.50E-05	5.41E-05	4.73E-06	1.57E-05	1.37E-06	3.70E-05	3.23E-06	4.56E-06	4.56E-06	1.47E-01	2.09E-02	3.24E-01	4.22E-02
319 Gridded	3.29E-05	3.65E-06	7.09E-06	7.17E-07	3.83E-04	4.59E-05	4.01E-04	4.68E-05	4.64E-04	4.62E-05	8.99E-06	1.09E-06	1.52E-03	1.83E-04	1.80E-03	1.97E-04	2.65E-03	1.78E-04	3.87E-04	4.61E-05	7.12E-05	8.66E-06	2.06E-05	2.51E-06	4.87E-05	5.92E-06	6.20E-06	6.20E-06	1.45E-01	2.02E-02	3.00E-01	4.17E-02
320 Gridded	3.37E-05	4.44E-06	7.39E-06	9.44E-07	3.86E-04	5.23E-05	4.06E-04	5.45E-05	4.86E-04	6.17E-05	9.04E-06	1.23E-06	1.54E-03	2.08E-04	1.85E-03	2.42E-04	3.84E-03	3.34E-04	3.90E-04	5.28E-05	7.16E-05	9.75E-06	2.07E-05	2.82E-06	4.90E-05	6.67E-06	1.03E-05	1.03E-05	1.62E-01	2.27E-02	3.57E-01	3.86E-02
321 Gridded	3.59E-05	4.11E-06	7.91E-06	9.23E-07	4.40E-04	4.59E-05	4.50E-04	4.87E-05	5.20E-04	6.09E-05	1.05E-05	1.07E-06	1.76E-03	1.82E-04	1.97E-03	2.26E-04	3.30E-03	4.20E-04	4.42E-04	4.65E-05	8.28E-05	8.48E-06	2.40E-05	2.45E-06	5.66E-05	5.80E-06	1.15E-05	1.15E-05	1.79E-01	2.18E-02	4.14E-01	3.89E-02
322 Gridded	4.59E-05	3.51E-06	1.04E-05	7.62E-07	5.08E-04	4.06E-05	5.40E-04	4.26E-05	6.85E-04	5.00E-05	1.18E-05	9.53E-07	2.02E-03	1.62E-04	2.53E-03	1.92E-04	4.89E-03	4.02E-04	5.15E-04	4.10E-05	9.36E-05	7.54E-06	2.71E-05	2.18E-06	6.40E-05	5.16E-06	1.01E-05	1.01E-05	1.79E-01	1.64E-02	3.66E-01	2.88E-02
323 Gridded	2.76E-05	3.26E-06	5.70E-06	6.94E-07	3.56E-04	3.83E-05	3.60E-04	3.99E-05	3.77E-04	4.54E-05	8.50E-06	9.00E-07	1.42E-03	1.52E-04	1.48E-03	1.78E-04	2.88E-03	2.80E-04	3.57E-04	3.86E-05	6.73E-05	7.13E-06	1.95E-05	2.06E-06	4.60E-05	4.88E-06	7.67E-06	7.67E-06	1.67E-01	1.78E-02	3.71E-01	3.29E-02
324 Gridded	2.87E-05	4.70E-06	6.04E-06	9.89E-07	3.45E-04	5.59E-05	3.56E-04	5.81E-05	3.94E-04	6.45E-05	8.15E-06	1.32E-06	1.37E-03	2.23E-04	1.56E-03	2.56E-04	2.20E-03	3.20E-04	3.47E-04	5.64E-05	6.45E-05	1.04E-05	1.87E-05	3.02E-06	4.42E-05	7.14E-06	1.05E-05	1.05E-05	1.78E-01	1.76E-02	3.73E-01	3.49E-02
325 Gridded	3.63E-05	4.57E-06	7.68E-06	1.02E-06	4.30E-04	5.15E-05	4.47E-04	5.45E-05	5.02E-04	6.70E-05	1.01E-05	1.20E-06	1.71E-03	2.04E-04	1.98E-03	2.51E-04	2.78E-03	4.47E-04	4.34E-04	5.21E-05	8.02E-05	9.51E-06	2.32E-05	2.75E-06	5.49E-05	6.51E-06	1.25E-05	1.25E-05	1.34E-01	1.29E-02	2.64E-01	2.34E-02
326 Gridded	2.31E-05	2.33E-06	5.46E-06	5.82E-07	2.70E-04	2.30E-05	2.82E-04	2.56E-05	3.64E-04	3.90E-05	6.35E-06	5.40E-07	1.08E-03	9.13E-05	1.28E-03	1.31E-04	3.35E-03	3.80E-04	2.73E-04	2.36E-05	5.03E-05	4.27E-06	1.46E-05	1.24E-06	3.44E-05	2.92E-06	8.84E-06	8.84E-06	1.37E-01	9.36E-03	2.89E-01	1.70E-02
327 Gridded	2.14E-05	1.75E-06	4.60E-06	3.68E-07	2.54E-04	2.08E-05	2.64E-04	2.16E-05	3.04E-04	2.40E-05	5.99E-06	4.91E-07	1.01E-03	8.29E-05	1.17E-03	9.53E-05	2.18E-03	1.82E-04	2.56E-04	2.10E-05	4.75E-05	3.89E-06	1.37E-05	1.13E-06	3.25E-05	2.66E-06	4.53E-06	4.53E-06	1.10E-01	9.94E-03	2.17E-01	1.51E-02
328 Gridded	2.79E-05	2.11E-06	6.08E-06	4.70E-07	3.21E-04	2.38E-05	3.37E-04	2.52E-05	3.99E-04	3.09E-05	7.52E-06	5.57E-07	1.28E-03	9.48E-05	1.53E-03	1.16E-04	2.41E-03	2.05E-04	3.24E-04	2.41E-05	5.96E-05	4.41E-06	1.72E-05	1.28E-06	4.08E-05	3.02E-06	5.73E-06	5.73E-06	1.20E-01	1.00E-02	2.09E-01	1.55E-02
329 Gridded	2.72E-05	1.99E-06	6.05E-06	4.46E-07	3.07E-04	2.23E-05	3.24E-04	2.37E-05	3.98E-04	2.94E-05	7.16E-06	5.21E-07	1.22E-03	8.87E-05	1.50E-03	1.10E-04	2.65E-03	2.00E-04	3.11E-04	2.26E-05	5.67E-05	4.12E-06	1.64E-05	1.19E-06	3.88E-05	2.82E-06	5.52E-06	5.52E-06	1.33E-01	1.05E-02	2.58E-01	1.81E-02
330 Gridded	2.28E-05	1.83E-06	4.78E-06	3.95E-07	2.71E-04	2.13E-05	2.81E-04	2.23E-05	3.12E-04	2.59E-05	6.39E-06	5.00E-07	1.08E-03	8.47E-05	1.24E-03	1.00E-04	2.05E-03	1.65E-04	2.73E-04	2.15E-05	5.06E-05	3.96E-06	1.47E-05	1.15E-06	3.46E-05	2.71E-06	4.72E-06	4.72E-06	1.34E-01	9.89E-03	2.39E-01	1.73E-02
331 Gridded	2.38E-05	2.06E-06	5.24E-06	4.39E-07	2.71E-04	2.41E-05	2.85E-04	2.52E-05	3.44E-04	2.87E-05	6.36E-06	5.67E-07	1.08E-03	9.60E-05	1.30E-03	1.12E-04	2.20E-03	1.88E-04	2.74E-04	2.43E-05	5.03E-05	4.49E-06	1.46E-05	1.30E-06	3.44E-05	3.07E-06	5.26E-06	5.26E-06	1.18E-01	1.30E-02	2.24E-01	2.30E-02
332 Gridded	2.28E-05	2.21E-06	4.98E-06	4.84E-07	2.67E-04	2.54E-05	2.76E-04	2.67E-05	3.27E-04	3.18E-05	6.38E-06	5.95E-07	1.07E-03	1.01E-04	1.25E-03	1.21E-04	1.99E-03	1.96E-04	2.68E-04	2.57E-05	5.05E-05	4.71E-06	1.46E-05	1.36E-06	3.45E-05	3.22E-06	5.69E-06	5.69E-06	1.41E-01	1.37E-02	2.40E-01	2.39E-02
333 Gridded	2.39E-05	2.67E-06	5.15E-06	5.73E-07	2.78E-04	3.13E-05	2.91E-04	3.26E-05	3.37E-04	3.75E-05	6.54E-06	7.35E-07	1.11E-03	1.24E-04	1.31E-03	1.46E-04	2.20E-03	2.07E-04	2.81E-04	3.16E-05	5.18E-05	5.82E-06	1.50E-05	1.68E-06	3.54E-05	3.98E-06	6.40E-06	6.40E-06	1.16E-01	1.35E-02	1.99E-01	2.23E-02
334 Gridded	1.69E-05	1.95E-06	3.68E-06	4.33E-07	2.00E-04	2.20E-05	2.07E-04	2.33E-05	2.41E-04	2.85E-05	4.71E-06	5.15E-07	7.95E-04	8.76E-05	9.26E-04	1.07E-04	1.53E-03	1.88E-04	2.01E-04	2.23E-05	3.73E-05	4.08E-06	1.08E-05	1.18E-06	2.55E-05	2.79E-06	5.28E-06	5.28E-06	9.57E-02	1.09E-02	2.08E-01	1.86E-02
335 Gridded	1.55E-05	1.59E-06	3.26E-06	3.49E-07	1.85E-04	1.82E-05	1.92E-04	1.92E-05	2.14E-04	2.30E-05	4.37E-06	4.27E-07	7.38E-04	7.24E-05	8.46E-04	8.74E-05	1.33E-03	1.43E-04	1.87E-04	1.84E-05	3.46E-05	3.38E-06	1.00E-05	9.78E-07	2.37E-05	2.31E-06	4.13E-06	4.13E-06	1.03E-01	1.07E-02	2.45E-01	2.07E-02
336 Gridded	1.30E-05	1.58E-06	2.94E-06	3.33E-07	1.50E-04	1.87E-05	1.56E-04	1.94E-05	1.94E-04	2.17E-05	3.54E-06	4.40E-07	5.97E-04	7.44E-05	7.16E-04	8.59E-05	1.46E-03	1.62E-04	1.51E-04	1.89E-05	2.80E-05	3.49E-06	8.11E-06	1.01E-06	1.92E-05	2.39E-06	4.13E-06	4.13E-06	1.09E-01	9.28E-03	2.78E-01	2.27E-02
337 Gridded	1.48E-05	2.11E-06	3.22E-06	4.65E-07	1.70E-04	2.40E-05	1.79E-04	2.53E-05	2.11E-04	3.06E-05	3.99E-06	5.61E-07	6.77E-04	9.53E-05	8.10E-04	1.16E-04	1.46E-03	1.96E-04	1.72E-04	2.43E-05	3.16E-05	4.44E-06	9.15E-06	1.29E-06	2.16E-05	3.04E-06	5.57E-06	5.57E-06	7.21E-02	8.69E-03	2.64E-01	2.24E-02
338 Gridded	1.44E-05	1.91E-06	3.06E-06	4.31E-07	1.70E-04	2.12E-05	1.77E-04	2.25E-05	2.00E-04	2.85E-05	4.00E-06	4.93E-07	6.76E-04	8.41E-05	7.85E-04	1.05E-04	1.73E-03	2.02E-04	1.71E-04	2.15E-05	3.17E-05	3.91E-06	9.16E-06	1.13E-06	2.17E-05	2.67E-06	5.45E-06	5.45E-06	7.66E-02	8.73E-03	2.31E-01	2.30E-02
339 Gridded	1.33E-05	1.37E-06	2.95E-06	3.10E-07	1.51E-04	1.52E-05	1.59E-04	1.62E-05	1.94E-04	2.04E-05	3.54E-06	3.55E-07	6.00E-04	6.05E-05	7.32E-04	7.56E-05	1.41E-03	1.45E-04	1.52E-04	1.54E-05	2.80E-05	2.81E-06	8.11E-06	8.13E-07	1.92E-05	1.92E-06	3.91E-06	3.91E-06	8.90E-02	9.38E-03	2.51E-01	2.47E-02
340 Gridded	2.02E-05	1.67E-06	4.33E-06	3.62E-07	2.37E-04	1.92E-05	2.47E-04	2.02E-05	2.83E-04	2.37E-05	5.56E-06	4.52E-07	9.42E-04	7.66E-05	1.10E-03	9.12E-05	1.73E-03	1.40E-04	2.39E-04	1.95E-05	4.40E-05	3.58E-06	1.27E-05	1.03E-06	3.01E-05	2.45E-06	4.17E-06	4.17E-06	1.12E-01	1.07E-02	2.20E-01	2.78E-02
341 Gridded	1.97E-05	1.83E-06	4.39E-06	4.04E-07	2.22E-04	2.07E-05	2.35E-04	2.19E-05	2.89E-04	2.66E-05	5.19E-06	4.84E-07	8.83E-04	8.23E-05	1.08E-03	1.00E-04	1.92E-03	1.72E-04	2.25E-04	2.10E-05	4.11E-05	3.84E-06	1.19E-05	1.11E-06	2.81E-05	2.62E-06	4.87E-06	4.87E-06	9.52E-02	1.24E-02	2.69E-01	3.01E-02
342 Gridded	1.42E-05	1.80E-06	3.23E-06	3.94E-07	1.55E-04	2.05E-05	1.66E-04	2.16E-05	2.13E-04	2.59E-05	3.61E-06	4.80E-07	6.16E-04	8.15E-05	7.81E-04	9.85E-05	1.57E-03	1.73E-04	1.58E-04	2.07E-05	2.86E-05	3.80E-06	8.27E-06	1.10E-06	1.96E-05	2.60E-06	4.67E-06	4.67E-06	1.13E-01	1.40E-02	2.82E-01	2.80E-02
343 Gridded	1.38E-05	2.15E-06	3.09E-06	4.77E-07	1.62E-04	2.43E-05	1.67E-04	2.57E-05	2.04E-04	3.14E-05	3.84E-06	5.68E-07	6.46E-04	9.66E-05	7.58E-04	1.18E-04	1.42E-03	2.06E-04	1.63E-04	2.46E-05	3.04E-05	4.50E-06	8.79E-06	1.30E-06	2.08E-05	3.08E-06	5.80E-06	5.80E-06	1.40E-01	1.37E-02	2.32E-01	2.14E-02
344 Gridded	1.73E-05	2.16E-06	3.40E-06	4.82E-07	2.18E-04	2.55E-05	2.22E-04	2.60E-05	2.19E-04	3.18E-05	5.18E-06	6.08E-07	8.69E-04	1.02E-04	9.31E-04	1.19E-04	1.59E-03	2.14E-04	2.19E-04	2.56E-05	4.10E-05	4.81E-06	1.19E-05	1.39E-06	2.81E-05	3.29E-06	5.94E-06	5.94E-06	1.15E-01	1.09E-02	1.89E-01	1.91E-02
345 Gridded	2.19E-05	2.98E-06	4.37E-06	5.73E-07	2.73E-04	3.82E-05	2.79E-04	3.87E-05	2.82E-04	3.68E-05	6.50E-06	9.13E-07	1.09E-03	1.53E-04	1.18E-03	1.60E-04	1.65E-03	2.05E-04	2.75E-04	3.84E-05	5.14E-05	7.23E-06	1.49E-05	2.09E-06	3.52E-05	4.94E-06	5.59E-06	5.59E-06	1.05E-01	1.23E-02	1.92E-01	2.44E-02
346 Gridded	3.02E-05	3.47E-06	5.52E-06	6.67E-07	4.03E-04	4.45E-05	4.03E-04	4.50E-05	3.53E-04	4.28E-05	9.66E-06	1.06E-06	1.61E-03	1.78E-04	1.61E-03	1.86E-04	1.79E-03	1.62E-04	4.03E-04	4.46E-05	7.65E-05	8.40E-06	2.21E-05	2.43E-06	5.23E-05	5.75E-06	5.31E-06	5.31E-06	9.74E-02	1.33E-02	2.21E-01	2.73E-02
347 Gridded	3.35E-05	3.19E-06	6.12E-06	6.34E-07	4.46E-04	3.99E-05	4.46E-04	4.08E-05	3.88E-04	4.09E-05	1.07E-05	9.49E-07	1.79E-03	1.59E-04	1.79E-03	1.72E-04	2.04E-03	1.63E-04	4.46E-04	4.01E-05	8.48E-05	7.51E-06	2.45E-05	2.17E-06	5.80E-05	5.14E-06	5.66E-06	5.66E-06	8.11E-02	1.10E-02	2.04E-01	2.09E-02
348 Gridded	2.09E-05	2.10E-06	4.54E-06	4.66E-07	2.61E-04	2.38E-05	2.61E-04	2.51E-05	2.98E-04	3.07E-05	6.26E-06	5.57E-07	1.04E-03	9.46E-05	1.14E-03	1.16E-04	1.79E-03	2.01E-04	2.61E-04	2.41E-05	4.96E-05	4.41E-06	1.43E-05	1.28E-06	3.39E-05	3.02E-06	5.65E-06	5.65E-06	1.05E-01	1.12E-02	1.94E-01	1.86E-02
349 Gridded	2.60E-05	2.48E-06	5.89E-06	5.57E-07	2.88E-04	2.77E-05	3.06E-04	2.94E-05	3.89E-04	3.68E-05	6.70E-06	6.46E-07	1.14E-03	1.10E-04	1.43E-03	1.37E-04	2.79E-03	2.54E-04	2.92E-04	2.81E-05	5.30E-05	5.12E-06	1.53E-05	1.48E-06	3.63E-05	3.50E-06	6.95E-06	6.95E-06	1.01E-01	1.35E-02	2.01E-01	2.08E-02
350 Gridded	2.85E-05	3.79E-06	6.38E-06	8.30E-07	3.19E-04	4.34E-05	3.38E-04	4.57E-05	4.21E-04	5.45E-05	7.46E-06	1.02E-06	1.27E-03	1.73E-04	1.57E-03	2.08E-04	2.89E-03	3.37E-04	3.23E-04	4.39E-05	5.91E-05	8.05E-06	1.71E-05	2.33E-06	4.04E-05	5.51E-06	9.78E-06	9.78E-06	1.32E-01	2.03E-02	2.25E-01	2.95E-02
351 Gridded	2.71E-05	4.07E-06	5.91E-06	9.00E-07	3.12E-04	4.62E-05	3.28E-04	4.87E-05	3.88E-04	5.92E-05	7.32E-06	1.08E-06	1.24E-03	1.84E-04	1.49E-03	2.24E-04	2.85E-03	3.83E-04	3.16E-04	4.67E-05	5.80E-05	8.55E-06	1.68E-05	2.47E-06	3.97E-05	5.85E-06	1.09E-05	1.09E-05	1.32E-01	2.09E-02	2.03E-01	3.01E-02
352 Gridded	2.17E-05	3.56E-06	4.89E-06	7.81E-07	2.42E-04	4.06E-05	2.57E-04	4.28E-05	3.23E-04	5.14E-05	5.64E-06	9.52E-07	9.60E-04	1.62E-04	1.20E-03	1.95E-04	3.21E-03	3.22E-04	2.45E-04	4.11E-05	4.46E-05	7.53E-06	1.29E-05	2.18E-06	3.05E-05	5.16E-06	9.27E-06	9.27E-06	9.68E-02	1.84E-02	1.85E-01	2.79E-02
353 Gridded	1.62E-05	2.78E-06	3.56E-06	6.17E-07	1.87E-04	3.13E-05	1.96E-04	3.31E-05	2.37E-04	4.06E-05	4.39E-06	7.32E-07	7.44E-04	1.25E-04	8.87E-04	1.53E-04	2.07E-03	2.68E-04	1.89E-04	3.17E-05	3.47E-05	5.80E-06	1.01E-05	1.68E-06	2.38E-05	3.97E-06	7.52E-06	7.52E-06	9.65E-02	1.59E-02	1.83E-01	2.51E-02
354 Gridded	2.03E-05	2.77E-06	3.72E-06	5.86E-07	2.71E-04	3.29E-05	2.71E-04	3.42E-05	2.36E-04	3.83E-05	6.51E-06	7.74E-07	1.08E-03	1.31E-04	1.08E-03	1.51E-04	2.10E-03	2.10E-04	2.71E-04	3.31E-05	5.15E-05	6.13E-06	1.49E-05	1.77E-06	3.53E-05	4.19E-06	6.33E-06	6.33E-06	7.75E-02	1.51E-02	1.99E-01	2.57E-02
355 Gridded	2.27E-05	2.88E-06	4.35E-06	6.23E-07	3.03E-04	3.34E-05	3.03E-04	3.50E-05	2.82E-04	4.08E-05	7.28E-06	7.84E-07	1.21E-03	1.33E-04	1.21E-03	1.58E-04	1.67E-03	2.37E-04	3.03E-04	3.38E-05	5.76E-05	6.21E-06	1.67E-05	1.80E-06	3.94E-05	4.25E-06	7.12E-06	7.12E-06	8.09E-02	1.48E-02	2.39E-01	2.64E-02
356 Gridded	2.28E-05	3.35E-06	4.73E-06	7.23E-07	2.73E-04	3.90E-05	2.83E-04	4.08E-05	3.08E-04	4.73E-05	6.46E-06	9.16E-07	1.09E-03	1.55E-04	1.24E-03	1.83E-04	1.55E-03	2.81E-04	2.76E-04	3.94E-05	5.11E-05	7.25E-06	1.48E-05	2.10E-06	3.50E-05	4.96E-06	8.19E-06	8.19E-06	9.21E-02	2.21E-02	2.40E-01	3.12E-02
357 Gridded	2.06E-05	4.89E-06	4.54E-06	1.06E-06	2.36E-04	5.66E-05	2.49E-04	5.93E-05	2.98E-04	6.94E-05	5.54E-06	1.33E-06	9.40E-04	2.25E-04	1.13E-03	2.68E-04	1.91E-03	4.06E-04	2.39E-04	5.72E-05	4.38E-05	1.05E-05	1.27E-05	3.04E-06	3.00E-05	7.20E-06	1.21E-05	1.21E-05	1.06E-01	2.62E-02	1.94E-01	3.64E-02
358 Gridded	1.78E-05	2.86E-06	4.03E-06	6.28E-07	2.10E-04	3.27E-05	2.19E-04	3.44E-05	2.67E-04	4.13E-05	4.94E-06	7.65E-07	8.36E-04	1.30E-04	9.74E-04	1.57E-04	1.98E-03	2.59E-04	2.12E-04	3.31E-05	3.91E-05	6.06E-06	1.13E-05	1.75E-06	2.68E-05	4.14E-06	7.45E-06	7.45E-06	9.21E-02	1.54E-02	1.72E-01	2.84E-02
359 Gridded	1.81E-05	2.95E-06	3.96E-06	6.49E-07	2.17E-04	3.36E-05	2.21E-04	3.54E-05	2.60E-04	4.27E-05	5.16E-06	7.86E-07	8.66E-04	1.34E-04	9.92E-04	1.62E-04	1.90E-03	2.70E-04	2.18E-04	3.40E-05	4.08E-05	6.23E-06	1.18E-05	1.80E-06	2.79E-05	4.26E-06	7.74E-06	7.74E-06	8.45E-02	1.21E-02	1.58E-01	2.44E-02
360 Gridded	2.19E-05	2.86E-06	4.39E-06	6.34E-07	2.75E-04	3.24E-05	2.80E-04	3.43E-05	2.89E-04	4.17E-05	6.53E-06	7.59E-07	1.10E-03	1.29E-04	1.18E-03	1.57E-04	2.72E-03	2.71E-04	2.76E-04	3.28E-05	5.17E-05	6.01E-06	1.50E-05	1.74E-06	3.54E-05	4.11E-06	7.66E-06	7.66E-06	7.80E-02	1.28E-02	1.61E-01	2.23E-02
361 Gridded	2.09E-05	2.53E-06	4.20E-06	5.66E-07	2.61E-04	2.84E-05	2.66E-04	3.01E-05	2.75E-04	3.73E-05	6.19E-06	6.63E-07	1.04E-03	1.13E-04	1.13E-03	1.39E-04	3.15E-03	2.59E-04	2.62E-04	2.88E-05	4.90E-05	5.25E-06	1.42E-05	1.52E-06	3.35E-05	3.59E-06	6.98E-06	6.98E-06	9.12E-02	1.34E-02	1.64E-01	2.61E-02
362 Gridded	1.85E-05	1.90E-06	4.49E-06	4.32E-07	2.22E-04	2.21E-05	2.30E-04	2.31E-05	3.01E-04	2.85E-05	5.30E-06	5.18E-07	8.87E-04	8.78E-05	1.01E-03	1.05E-04	2.96E-03	2.21E-04	2.24E-04	2.23E-05	4.19E-05	4.10E-06	1.21E-05	1.19E-06	2.87E-05	2.81E-06	5.66E-06	5.66E-06	9.40E-02	1.39E-02	1.72E-01	2.80E-02
363 Gridded	2.98E-05	1.92E-06	6.42E-06	4.02E-07	3.47E-04	2.40E-05	3.63E-04	2.45E-05	4.20E-04	2.63E-05	8.15E-06	5.69E-07	1.38E-03	9.56E-05	1.63E-03	1.04E-04	2.53E-03	1.78E-04	3.50E-04	2.41E-05	6.45E-05	4.51E-06	1.87E-05	1.31E-06	4.42E-05	3.08E-06	4.60E-06	4.60E-06	1.15E-01	1.31E-02	2.12E-01	2.56E-02

Scenario 1 Results

364 Gridded	3.23E-05	2.07E-06	7.24E-06	4.38E-07	3.60E-04	2.57E-05	3.82E-04	2.63E-05	4.77E-04	2.88E-05	8.40E-06	6.10E-07	1.43E-03	1.03E-04	1.78E-03	1.12E-04	3.30E-03	1.90E-04	3.65E-04	2.58E-05	6.65E-05	4.83E-06	1.92E-05	1.40E-06	4.55E-05	3.31E-06	5.33E-06	5.33E-06	1.07E-01	1.28E-02	1.92E-01	2.27E-02
365 Gridded	2.35E-05	2.02E-06	5.57E-06	4.36E-07	2.61E-04	2.46E-05	2.68E-04	2.53E-05	3.70E-04	2.86E-05	6.19E-06	5.82E-07	1.04E-03	9.80E-05	1.31E-03	1.10E-04	3.11E-03	1.92E-04	2.62E-04	2.47E-05	4.90E-05	4.61E-06	1.42E-05	1.33E-06	3.35E-05	3.15E-06	5.04E-06	5.04E-06	1.03E-01	1.34E-02	2.40E-01	2.61E-02
366 Gridded	1.96E-05	2.24E-06	4.41E-06	4.92E-07	2.28E-04	2.56E-05	2.38E-04	2.69E-05	2.91E-04	3.23E-05	5.35E-06	5.98E-07	9.06E-04	1.02E-04	1.08E-03	1.23E-04	2.30E-03	2.03E-04	2.30E-04	2.59E-05	4.23E-05	4.74E-06	1.23E-05	1.37E-06	2.90E-05	3.24E-06	5.84E-06	5.84E-06	1.08E-01	1.69E-02	2.81E-01	3.00E-02
367 Gridded	1.92E-05	2.41E-06	3.88E-06	5.15E-07	2.41E-04	2.81E-05	2.45E-04	2.94E-05	2.55E-04	3.37E-05	5.74E-06	6.61E-07	9.61E-04	1.12E-04	1.04E-03	1.31E-04	2.20E-03	2.13E-04	2.41E-04	2.84E-05	4.54E-05	5.23E-06	1.32E-05	1.51E-06	3.11E-05	3.58E-06	6.10E-06	6.10E-06	1.23E-01	2.20E-02	3.71E-01	3.79E-02
368 Gridded	2.00E-05	2.23E-06	4.21E-06	4.82E-07	2.38E-04	2.60E-05	2.48E-04	2.72E-05	2.75E-04	3.18E-05	5.62E-06	6.11E-07	9.50E-04	1.04E-04	1.09E-03	1.22E-04	2.02E-03	2.19E-04	2.40E-04	2.63E-05	4.45E-05	4.84E-06	1.29E-05	1.40E-06	3.05E-05	3.31E-06	6.00E-06	6.00E-06	1.71E-01	2.16E-02	2.95E-01	3.92E-02
369 Gridded	1.93E-05	2.04E-06	4.16E-06	4.44E-07	2.24E-04	2.34E-05	2.35E-04	2.46E-05	2.73E-04	2.91E-05	5.27E-06	5.49E-07	8.93E-04	9.31E-05	1.06E-03	1.12E-04	1.85E-03	1.94E-04	2.27E-04	2.37E-05	4.17E-05	4.34E-06	1.21E-05	1.26E-06	2.85E-05	2.97E-06	5.18E-06	5.18E-06	1.67E-01	2.07E-02	3.41E-01	3.59E-02
370 Gridded	3.22E-05	2.93E-06	6.65E-06	5.60E-07	3.88E-04	3.78E-05	4.01E-04	3.82E-05	4.33E-04	3.59E-05	9.18E-06	9.02E-07	1.55E-03	1.51E-04	1.75E-03	1.57E-04	2.11E-03	1.93E-04	3.91E-04	3.79E-05	7.27E-05	7.14E-06	2.10E-05	2.07E-06	4.97E-05	4.89E-06	5.40E-06	5.40E-06	1.36E-01	2.19E-02	3.67E-01	4.75E-02
371 Gridded	3.67E-05	4.58E-06	8.26E-06	9.35E-07	4.08E-04	5.60E-05	4.34E-04	5.76E-05	5.45E-04	6.07E-05	9.60E-06	1.33E-06	1.62E-03	2.23E-04	2.02E-03	2.48E-04	3.82E-03	2.79E-04	4.14E-04	5.63E-05	7.60E-05	1.05E-05	2.20E-05	3.04E-06	5.20E-05	7.18E-06	9.15E-06	9.15E-06	1.71E-01	2.42E-02	3.52E-01	4.15E-02
372 Gridded	3.58E-05	4.64E-06	7.62E-06	1.02E-06	4.20E-04	5.30E-05	4.38E-04	5.58E-05	4.98E-04	6.70E-05	9.89E-06	1.24E-06	1.67E-03	2.11E-04	1.95E-03	2.55E-04	3.54E-03	4.21E-04	4.24E-04	5.36E-05	7.83E-05	9.82E-06	2.27E-05	2.84E-06	5.36E-05	6.72E-06	1.21E-05	1.21E-05	1.83E-01	2.54E-02	3.84E-01	4.48E-02
373 Gridded	4.59E-05	3.72E-06	1.03E-05	8.51E-07	5.14E-04	4.18E-05	5.45E-04	4.35E-05	6.77E-04	5.63E-05	1.20E-05	9.83E-07	2.04E-03	1.66E-04	2.53E-03	2.05E-04	4.62E-03	4.21E-04	5.21E-04	4.21E-05	9.50E-05	7.78E-06	2.75E-05	2.25E-06	6.50E-05	5.32E-06	1.11E-05	1.11E-05	1.99E-01	2.07E-02	4.24E-01	3.47E-02
374 Gridded	3.25E-05	3.18E-06	7.45E-06	6.84E-07	3.55E-04	3.71E-05	3.80E-04	3.88E-05	4.93E-04	4.48E-05	8.25E-06	8.71E-07	1.41E-03	1.48E-04	1.80E-03	1.74E-04	3.70E-03	3.21E-04	3.61E-04	3.75E-05	6.53E-05	6.90E-06	1.89E-05	2.00E-06	4.47E-05	4.72E-06	7.72E-06	7.72E-06	1.67E-01	1.74E-02	3.65E-01	3.07E-02
375 Gridded	3.12E-05	4.57E-06	6.32E-06	9.55E-07	3.84E-04	5.48E-05	3.94E-04	5.67E-05	4.10E-04	6.23E-05	9.09E-06	1.29E-06	1.53E-03	2.18E-04	1.69E-03	2.49E-04	2.40E-03	2.95E-04	3.86E-04	5.52E-05	7.20E-05	1.02E-05	2.08E-05	2.96E-06	4.93E-05	7.00E-06	9.99E-06	9.99E-06	1.90E-01	1.94E-02	3.85E-01	3.81E-02
376 Gridded	3.68E-05	4.98E-06	7.59E-06	1.09E-06	4.46E-04	5.72E-05	4.60E-04	6.01E-05	4.93E-04	7.12E-05	1.05E-05	1.34E-06	1.78E-03	2.27E-04	2.00E-03	2.73E-04	2.83E-03	4.33E-04	4.49E-04	5.78E-05	8.34E-05	1.06E-05	2.42E-05	3.07E-06	5.71E-05	7.26E-06	1.27E-05	1.27E-05	1.64E-01	1.39E-02	3.09E-01	2.55E-02
377 Gridded	2.49E-05	2.74E-06	5.94E-06	6.71E-07	2.72E-04	2.76E-05	2.85E-04	3.04E-05	3.96E-04	4.49E-05	6.42E-06	6.31E-07	1.08E-03	1.09E-04	1.38E-03	1.53E-04	3.43E-03	4.18E-04	2.74E-04	2.82E-05	5.08E-05	4.99E-06	1.47E-05	1.45E-06	3.48E-05	3.42E-06	9.91E-06	9.91E-06	1.44E-01	1.08E-02	2.98E-01	1.93E-02
378 Gridded	2.30E-05	1.70E-06	5.06E-06	3.68E-07	2.71E-04	2.03E-05	2.80E-04	2.11E-05	3.33E-04	2.44E-05	6.39E-06	4.80E-07	1.08E-03	8.10E-05	1.26E-03	9.25E-05	2.44E-03	1.97E-04	2.73E-04	2.05E-05	5.06E-05	3.80E-06	1.46E-05	1.10E-06	3.46E-05	2.60E-06	4.98E-06	4.98E-06	1.23E-01	1.03E-02	2.41E-01	1.61E-02
379 Gridded	2.77E-05	2.23E-06	6.00E-06	4.93E-07	3.21E-04	2.52E-05	3.36E-04	2.67E-05	3.93E-04	3.25E-05	7.54E-06	5.90E-07	1.28E-03	1.00E-04	1.52E-03	1.22E-04	2.46E-03	2.12E-04	3.24E-04	2.55E-05	5.97E-05	4.67E-06	1.73E-05	1.35E-06	4.08E-05	3.20E-06	5.97E-06	5.97E-06	1.25E-01	1.05E-02	2.13E-01	1.69E-02
380 Gridded	2.88E-05	2.12E-06	6.37E-06	4.73E-07	3.26E-04	2.37E-05	3.45E-04	2.51E-05	4.19E-04	3.12E-05	7.64E-06	5.53E-07	1.30E-03	9.42E-05	1.58E-03	1.16E-04	2.72E-03	2.12E-04	3.31E-04	2.40E-05	6.04E-05	4.38E-06	1.75E-05	1.27E-06	4.14E-05	3.00E-06	5.85E-06	5.85E-06	1.40E-01	1.12E-02	2.71E-01	1.93E-02
381 Gridded	2.41E-05	1.94E-06	5.06E-06	4.27E-07	2.87E-04	2.26E-05	2.98E-04	2.37E-05	3.30E-04	2.80E-05	6.77E-06	5.32E-07	1.14E-03	9.01E-05	1.31E-03	1.06E-04	2.22E-03	1.78E-04	2.89E-04	2.29E-05	5.36E-05	4.21E-06	1.55E-05	1.22E-06	3.67E-05	2.88E-06	5.10E-06	5.10E-06	1.43E-01	1.07E-02	2.54E-01	1.87E-02
382 Gridded	2.51E-05	2.24E-06	5.54E-06	4.79E-07	2.90E-04	2.63E-05	3.04E-04	2.74E-05	3.64E-04	3.13E-05	6.80E-06	6.18E-07	1.15E-03	1.05E-04	1.38E-03	1.22E-04	2.35E-03	2.04E-04	2.93E-04	2.65E-05	5.39E-05	4.89E-06	1.56E-05	1.42E-06	3.68E-05	3.35E-06	5.71E-06	5.71E-06	1.30E-01	1.40E-02	2.48E-01	2.47E-02
383 Gridded	2.45E-05	2.35E-06	5.37E-06	5.16E-07	3.13E-04	2.69E-05	3.17E-04	2.83E-05	3.52E-04	3.39E-05	7.46E-06	6.30E-07	1.25E-03	1.07E-04	1.35E-03	1.29E-04	2.17E-03	2.11E-04	3.14E-04	2.72E-05	5.91E-05	4.99E-06	1.71E-05	1.44E-06	4.04E-05	3.41E-06	6.10E-06	6.10E-06	1.43E-01	1.46E-02	2.40E-01	2.56E-02
384 Gridded	2.69E-05	2.88E-06	5.42E-06	6.17E-07	3.37E-04	3.38E-05	3.44E-04	3.52E-05	3.57E-04	4.04E-05	8.00E-06	7.94E-07	1.34E-03	1.34E-04	1.45E-03	1.58E-04	2.32E-03	2.22E-04	3.38E-04	3.41E-05	6.34E-05	6.28E-06	1.83E-05	1.82E-06	4.34E-05	4.30E-06	6.88E-06	6.88E-06	1.24E-01	1.42E-02	2.09E-01	2.36E-02
385 Gridded	2.17E-05	2.06E-06	4.49E-06	4.52E-07	2.62E-04	2.35E-05	2.71E-04	2.48E-05	2.92E-04	2.97E-05	6.20E-06	5.50E-07	1.05E-03	9.35E-05	1.18E-03	1.13E-04	1.68E-03	1.95E-04	2.64E-04	2.38E-05	4.91E-05	4.36E-06	1.42E-05	1.26E-06	3.36E-05	2.98E-06	5.37E-06	5.37E-06	9.98E-02	1.17E-02	2.58E-01	2.04E-02
386 Gridded	1.71E-05	1.68E-06	3.61E-06	3.70E-07	2.03E-04	1.92E-05	2.11E-04	2.02E-05	2.36E-04	2.43E-05	4.78E-06	4.49E-07	8.08E-04	7.63E-05	9.33E-04	9.23E-05	1.54E-03	1.53E-04	2.05E-04	1.94E-05	3.78E-05	3.56E-06	1.10E-05	1.03E-06	2.59E-05	2.43E-06	4.40E-06	4.40E-06	1.16E-01	1.15E-02	2.65E-01	2.45E-02
387 Gridded	1.38E-05	1.89E-06	3.01E-06	4.02E-07	1.62E-04	2.21E-05	1.67E-04	2.31E-05	1.97E-04	2.63E-05	3.82E-06	5.21E-07	6.44E-04	8.81E-05	7.57E-04	1.03E-04	1.55E-03	1.80E-04	1.63E-04	2.23E-05	3.03E-05	4.12E-06	8.76E-06	1.19E-06	2.07E-05	2.82E-06	4.56E-06	4.56E-06	1.05E-01	9.61E-03	3.23E-01	2.53E-02
388 Gridded	1.53E-05	2.28E-06	3.40E-06	5.07E-07	1.73E-04	2.57E-05	1.83E-04	2.71E-05	2.24E-04	3.34E-05	4.03E-06	5.99E-07	6.86E-04	1.02E-04	8.40E-04	1.25E-04	1.66E-03	2.22E-04	1.75E-04	2.60E-05	3.19E-05	4.74E-06	9.24E-06	1.37E-06	2.18E-05	3.25E-06	6.20E-06	6.20E-06	8.01E-02	9.47E-03	2.70E-01	2.45E-02
389 Gridded	1.55E-05	1.87E-06	3.32E-06	4.22E-07	1.80E-04	2.07E-05	1.88E-04	2.20E-05	2.18E-04	2.79E-05	4.23E-06	4.82E-07	7.16E-04	8.21E-05	8.45E-04	1.03E-04	1.76E-03	1.99E-04	1.82E-04	2.10E-05	3.35E-05	3.81E-06	9.69E-06	1.10E-06	2.29E-05	2.61E-06	5.35E-06	5.35E-06	8.84E-02	9.61E-03	2.50E-01	2.43E-02
390 Gridded	1.46E-05	1.51E-06	3.09E-06	3.26E-07	1.75E-04	1.75E-05	1.81E-04	1.84E-05	2.03E-04	2.13E-05	4.13E-06	4.12E-07	6.97E-04	6.97E-05	7.93E-04	8.26E-05	1.57E-03	1.39E-04	1.76E-04	1.77E-05	3.27E-05	3.26E-06	9.47E-06	9.43E-07	2.24E-05	2.23E-06	3.79E-06	3.79E-06	1.00E-01	1.05E-02	2.43E-01	2.66E-02
391 Gridded	2.10E-05	1.86E-06	4.54E-06	4.05E-07	2.43E-04	2.14E-05	2.55E-04	2.25E-05	2.98E-04	2.66E-05	5.71E-06	5.01E-07	9.67E-04	8.50E-05	1.15E-03	1.02E-04	1.74E-03	1.62E-04	2.46E-04	2.16E-05	4.52E-05	3.97E-06	1.31E-05	1.15E-06	3.09E-05	2.71E-06	4.74E-06	4.74E-06	1.08E-01	1.21E-02	2.45E-01	3.09E-02
392 Gridded	1.73E-05	1.85E-06	3.88E-06	4.13E-07	1.92E-04	2.07E-05	2.04E-04	2.20E-05	2.56E-04	2.72E-05	4.47E-06	4.83E-07	7.62E-04	8.23E-05	9.50E-04	1.02E-04	1.79E-03	1.85E-04	1.95E-04	2.10E-05	3.54E-05	3.83E-06	1.03E-05	1.11E-06	2.42E-05	2.62E-06	5.10E-06	5.10E-06	1.03E-01	1.40E-02	3.12E-01	3.20E-02
393 Gridded	1.51E-05	2.13E-06	3.30E-06	4.69E-07	1.74E-04	2.42E-05	1.83E-04	2.55E-05	2.17E-04	3.09E-05	4.08E-06	5.66E-07	6.92E-04	9.62E-05	8.29E-04	1.17E-04	1.55E-03	1.97E-04	1.76E-04	2.45E-05	3.23E-05	4.48E-06	9.35E-06	1.30E-06	2.21E-05	3.07E-06	5.62E-06	5.62E-06	1.43E-01	1.51E-02	2.92E-01	2.68E-02
394 Gridded	1.51E-05	2.32E-06	3.17E-06	5.16E-07	1.93E-04	2.61E-05	1.95E-04	2.76E-05	2.08E-04	3.40E-05	4.61E-06	6.10E-07	7.72E-04	1.04E-04	8.18E-04	1.27E-04	1.58E-03	2.27E-04	1.94E-04	2.64E-05	3.65E-05	4.83E-06	1.06E-05	1.40E-06	2.50E-05	3.30E-06	6.32E-06	6.32E-06	1.48E-01	1.32E-02	2.09E-01	2.19E-02
395 Gridded	1.85E-05	2.48E-06	3.93E-06	4.96E-07	2.43E-04	3.16E-05	2.43E-04	3.21E-05	2.59E-04	3.27E-05	5.83E-06	7.54E-07	9.72E-04	1.26E-04	9.94E-04	1.34E-04	1.70E-03	2.25E-04	2.43E-04	3.17E-05	4.62E-05	5.97E-06	1.34E-05	1.73E-06	3.16E-05	4.08E-06	6.17E-06	6.17E-06	1.04E-01	1.13E-02	2.01E-01	2.13E-02
396 Gridded	2.87E-05	3.49E-06	5.85E-06	6.64E-07	3.50E-04	4.51E-05	3.60E-04	4.55E-05	3.80E-04	4.25E-05	8.28E-06	1.08E-06	1.39E-03	1.80E-04	1.55E-03	1.87E-04	1.64E-03	1.99E-04	3.52E-04	4.52E-05	6.56E-05	8.53E-06	1.90E-05	2.47E-06	4.49E-05	5.84E-06	5.32E-06	5.32E-06	1.20E-01	1.55E-02	2.36E-01	3.18E-02
397 Gridded	3.36E-05	3.44E-06	6.13E-06	6.59E-07	4.48E-04	4.42E-05	4.48E-04	4.47E-05	3.89E-04	4.23E-05	1.07E-05	1.06E-06	1.79E-03	1.77E-04	1.79E-03	1.85E-04	1.98E-03	1.51E-04	4.48E-04	4.43E-05	8.50E-05	8.36E-06	2.46E-05	2.42E-06	5.82E-05	5.72E-06	5.18E-06	5.18E-06	9.19E-02	1.33E-02	2.46E-01	2.67E-02
398 Gridded	2.73E-05	2.49E-06	4.99E-06	4.99E-07	3.64E-04	3.10E-05	3.64E-04	3.17E-05	3.17E-04	3.23E-05	8.74E-06	7.35E-07	1.46E-03	1.24E-04	1.46E-03	1.35E-04	1.59E-03	1.71E-04	3.64E-04	3.11E-05	6.92E-05	5.82E-06	2.00E-05	1.68E-06	4.73E-05	3.98E-06	4.97E-06	4.97E-06	1.02E-01	1.12E-02	1.87E-01	1.91E-02
399 Gridded	2.46E-05	2.45E-06	5.33E-06	5.42E-07	2.85E-04	2.77E-05	2.99E-04	2.93E-05	3.50E-04	3.57E-05	6.70E-06	6.48E-07	1.14E-03	1.10E-04	1.35E-03	1.34E-04	2.04E-03	2.32E-04	2.88E-04	2.81E-05	5.30E-05	5.13E-06	1.53E-05	1.49E-06	3.63E-05	3.51E-06	6.55E-06	6.55E-06	1.13E-01	1.34E-02	2.08E-01	2.15E-02
400 Gridded	2.59E-05	2.98E-06	5.92E-06	6.45E-07	2.84E-04	3.45E-05	3.04E-04	3.62E-05	3.92E-04	4.23E-05	6.61E-06	8.10E-07	1.13E-03	1.37E-04	1.43E-03	1.63E-04	2.90E-03	2.74E-04	2.89E-04	3.49E-05	5.23E-05	6.41E-06	1.51E-05	1.86E-06	3.58E-05	4.39E-06	7.49E-06	7.49E-06	1.28E-01	1.74E-02	2.32E-01	2.68E-02
401 Gridded	2.89E-05	4.52E-06	6.53E-06	9.94E-07	3.20E-04	5.14E-05	3.41E-04	5.42E-05	4.31E-04	6.54E-05	7.45E-06	1.20E-06	1.27E-03	2.04E-04	1.59E-03	2.48E-04	3.07E-03	4.15E-04	3.25E-04	5.20E-05	5.90E-05	9.53E-06	1.71E-05	2.76E-06	4.04E-05	6.52E-06	1.19E-05	1.19E-05	1.37E-01	2.35E-02	2.14E-01	3.37E-02
402 Gridded	2.71E-05	3.93E-06	6.03E-06	8.75E-07	3.06E-04	4.43E-05	3.24E-04	4.68E-05	3.97E-04	5.77E-05	7.15E-06	1.04E-06	1.22E-03	1.76E-04	1.49E-03	2.16E-04	3.57E-03	3.86E-04	3.10E-04	4.48E-05	5.66E-05	8.22E-06	1.64E-05	2.38E-06	3.87E-05	5.62E-06	1.07E-05	1.07E-05	1.25E-01	2.04E-02	1.93E-01	3.07E-02
403 Gridded	1.90E-05	3.14E-06	4.12E-06	6.97E-07	2.20E-04	3.55E-05	2.31E-04	3.75E-05	2.70E-04	4.59E-05	5.17E-06	8.30E-07	8.77E-04	1.41E-04	1.04E-03	1.73E-04	2.71E-03	3.02E-04	2.23E-04	3.60E-05	4.10E-05	6.57E-06	1.19E-05	1.90E-06	2.80E-05	4.50E-06	8.48E-06	8.48E-06	1.13E-01	1.87E-02	2.43E-01	2.92E-02
404 Gridded	2.34E-05	3.03E-06	4.28E-06	6.37E-07	3.12E-04	3.60E-05	3.12E-04	3.74E-05	2.72E-04	4.16E-05	7.49E-06	8.48E-07	1.25E-03	1.43E-04	1.25E-03	1.65E-04	2.07E-03	2.17E-04	3.12E-04	3.63E-05	5.93E-05	6.72E-06	1.72E-05	1.94E-06	4.06E-05	4.60E-06	6.81E-06	6.81E-06	9.67E-02	1.70E-02	2.39E-01	2.88E-02
405 Gridded	2.55E-05	3.10E-06	4.65E-06	6.68E-07	3.39E-04	3.61E-05	3.39E-04	3.78E-05	2.96E-04	4.38E-05	8.14E-06	8.48E-07	1.36E-03	1.44E-04	1.36E-03	1.70E-04	1.83E-03	2.49E-04	3.39E-04	3.65E-05	6.45E-05	6.72E-06	1.87E-05	1.94E-06	4.41E-05	4.60E-06	7.57E-06	7.57E-06	9.76E-02	1.63E-02	2.78E-01	3.00E-02
406 Gridded	2.21E-05	3.33E-06	4.23E-06	7.13E-07	2.84E-04	3.89E-05	2.87E-04	4.06E-05	2.71E-04	4.67E-05	6.78E-06	9.15E-07	1.13E-03	1.55E-04	1.19E-03	1.82E-04	2.17E-03	2.84E-04	2.85E-04	3.93E-05	5.37E-05	7.24E-06	1.55E-05	2.10E-06	3.67E-05	4.96E-06	8.02E-06	8.02E-06	9.91E-02	2.37E-02	2.58E-01	3.28E-02
407 Gridded	2.25E-05	5.06E-06	4.92E-06	1.09E-06	2.65E-04	5.89E-05	2.71E-04	6.16E-05	3.23E-04	7.15E-05	6.30E-06	1.38E-06	1.06E-03	2.34E-04	1.23E-03	2.77E-04	2.00E-03	4.09E-04	2.67E-04	5.95E-05	4.99E-05	1.09E-05	1.44E-05	3.17E-06	3.41E-05	7.49E-06	1.24E-05	1.24E-05	1.30E-01	2.93E-02	2.21E-01	4.01E-02
408 Gridded	2.35E-05	6.02E-06	5.24E-06	1.32E-06	2.64E-04	6.90E-05	2.79E-04	7.26E-05	3.45E-04	8.65E-05	6.16E-06	1.62E-06	1.05E-03	2.75E-04	1.29E-03	3.30E-04	2.33E-03	5.32E-04	2.67E-04	6.98E-05	4.87E-05	1.28E-05	1.41E-05	3.71E-06	3.34E-05	8.76E-06	1.55E-05	1.55E-05	1.15E-01	2.78E-02	1.85E-01	3.83E-02
409 Gridded	2.21E-05	3.00E-06	4.90E-06	6.60E-07	2.49E-04	3.42E-05	2.63E-04	3.61E-05	3.23E-04	4.34E-05	5.82E-06	8.02E-07	9.90E-04	1.36E-04	1.21E-03	1.65E-04	2.31E-03	2.74E-04	2.52E-04	3.46E-05	4.61E-05	6.35E-06	1.33E-05	1.84E-06	3.15E-05	4.34E-06	7.87E-06	7.87E-06	8.67E-02	1.88E-02	1.81E-01	3.47E-02
410 Gridded	1.86E-05	2.93E-06	4.23E-06	6.42E-07	2.20E-04	3.35E-05	2.29E-04	3.52E-05	2.80E-04	4.22E-05	5.18E-06	7.84E-07	8.76E-04	1.33E-04	1.02E-03	1.61E-04	2.09E-03	2.72E-04	2.22E-04	3.38E-05	4.10E-05	6.20E-06	1.19E-05	1.80E-06	2.81E-05	4.24E-06	7.60E-06	7.60E-06	9.11E-02	1.63E-02	1.63E-01	3.04E-02
411 Gridded	1.94E-05	3.05E-06	4.13E-06	6.72E-07	2.43E-04	3.48E-05	2.48E-04	3.67E-05	2.71E-04	4.42E-05	5.78E-06	8.14E-07	9.71E-04	1.38E-04	1.04E-03	1.68E-04	2.13E-03	2.80E-04	2.44E-04	3.52E-05	4.58E-05	6.45E-06	1.33E-05	1.87E-06	3.13E-05	4.41E-06	8.01E-06	8.01E-06	9.09E-02	1.33E-02	1.60E-01	2.60E-02
412 Gridded	2.43E-05	3.04E-06	4.83E-06	6.72E-07	3.03E-04	3.44E-05	3.09E-04	3.64E-05	3.13E-04	4.42E-05	7.20E-06	8.05E-07	1.21E-03	1.37E-04	1.31E-03	1.67E-04	2.50E-03	2.87E-04	3.04E-04	3.49E-05	5.70E-05	6.37E-06	1.65E-05	1.85E-06	3.90E-05	4.36E-06	8.11E-06	8.11E-06	8.46E-02	1.42E-02	1.70E-01	2.43E-02
413 Gridded	2.31E-05	2.65E-06	5.20E-06	5.91E-07	2.75E-04	2.97E-05	2.82E-04	3.15E-05	3.43E-04	3.89E-05	6.54E-06	6.94E-07	1.10E-03	1.18E-04	1.27E-03	1.46E-04	2.38E-03	2.66E-04	2.77E-04	3.01E-05	5.17E-05	5.49E-06	1.50E-05	1.59E-06	3.54E-05	3.76E-06	7.28E-06	7.28E-06	1.01E-01	1.46E-02	1.77E-01	2.69E-02
414 Gridded	2.56E-05	2.01E-06	5.53E-06	4.55E-07	2.96E-04	2.26E-05	3.10E-04	2.37E-05	3.62E-04	3.00E-05	6.96E-06	5.32E-07	1.18E-03	9.01E-05	1.40E-03	1.11E-04	2.31E-03	2.27E-04	2.99E-04	2.29E-05	5.51E-05	4.21E-06	1.59E-05	1.22E-06	3.77E-05	2.88E-06	5.84E-06	5.84E-06	1.10E-01	1.47E-02	2.31E-01	2.99E-02
415 Gridded	3.40E-05	2.12E-06	7.30E-06	4.20E-07	3.96E-04	2.66E-05	4.14E-04	2.71E-05	4.78E-04	2.71E-05	9.31E-06	6.32E-07	1.58E-03	1.06E-04	1.86E-03	1.14E-04	2.69E-03	1.84E-04	4.00E-04	2.67E-05	7.37E-05	5.01E-06	2.13E-05	1.45E-06	5.04E-05	3.42E-06	4.72E-06	4.72E-06	1.30E-01	1.41E-02	2.37E-01	2.81E-02
416 Gridded	3.63E-05	2.35E-06	8.15E-06	4.82E-07	4.05E-04	2.93E-05	4.30E-04	2.99E-05	5.38E-04	3.17E-05	9.44E-06	6.97E-07	1.61E-03	1.17E-04	2.00E-03	1.27E-04	3.74E-03	2.10E-04	4.10E-04	2.95E-05	7.47E-05	5.52E-06	2.16E-05	1.60E-06	5.11E-05	3.77E-06	5.88E-06	5.88E-06	1.16E-01	1.41E-02	2.08E-01	2.53E-02
417 Gridded	2.63E-05	2.35E-06	6.26E-06	5.09E-07	3.03E-04	2.86E-05	3.10E-04	2.94E-05	4.17E-04	3.34E-05	7.19E-06	6.76E-07	1.21E-03	1.14E-04	1.46E-03	1.28E-04	3.57E-03	2.16E-04	3.04E-04	2.88E-05	5.69E-05	5.35E-06	1.65E-05	1.55E-06	3.89E-05	3.66E-06	5.91E-06	5.91E-06	1.18E-01	1.55E-02	2.68E-01	2.95E-02
418 Gridded	2.08E-05	2.43E-06	4.48E-06	5.33E-07	2.71E-04	2.77E-05	2.73E-04	2.92E-05	2.94E-04	3.50E-05	6.49E-06	6.49E-07	1.08E-03	1.10E-04	1.13E-03	1.33E-04	2.49E-03	2.20E-04	2.72E-04	2.80E-05	5.14E-05	5.13E-06	1.49E-05	1.49E-06	3.52E-05	3.51E-06	6.34E-06	6.34E-06	1.14E-01	1.92E-02	3.04E-01	3.32E-02
419 Gridded	2.00E-05	2.30E-06	4.05E-06	5.01E-07	2.61E-04	2.70E-05	2.63E-04	2.82E-05	2.65E-04	3.29E-05	6.24E-06	6.35E-07	1.04E-03	1.07E-04	1.07E-03	1.26E-04	2.10E-03	2.08E-04	2.61E-04	2.73E-05	4.94E-05	5.03E-06	1.43E-05	1.46E-06	3.38E-05	3.44E-06	5.92E-06	5.92E-06	1.36E-01	2.29E-02	3.20E-01	4.00E-02
420 Gridded	2.10E-05	2.36E-06	4.38E-06	5.08E-07	2.57E-04	2.75E-05	2.64E-04	2.87E-05	2.87E-04	3.33E-05	6.08E-06	6.45E-07	1.02E-03	1.09E-04	1.14E-03	1.29E-04	2.09E-03	2.31E-04	2.58E-04	2.77E-05	4.81E-05	5.11E-06	1.39E-05	1.48E-06	3.29E-05	3.49E-06	6.22E-06	6.22E-06	1.86E-01	2.24E-02	3.44E-01	4.14E-02
421 Gridded	2.62E-05	2.38E-06	5.23E-06	5.21E-07	3.27E-04	2.71E-05	3.34E-04	2.86E-05	3.38E-04	3.43E-05	7.77E-06	6.36E-07	1.31E-03	1.08E-04	1.42E-03	1.30E-04	2.13E-03	2.14E-04	3.29E-04	2.75E-05	6.15E-05	5.03E-06	1.78E-05	1.46E-06	4.21E-05	3.44E-06	6.18E-06	6.18E-06	1.76E-01	2.37E-02	3.58E-01	4.59E-02
422 Gridded	3.83E-05	4.08E-06	8.19E-06	8.00E-07	4.49E-04	5.15E-05	4.68E-04	5.25E-05	5.36E-04	5.16E-05	1.06E-05	1.23E-06	1.79E-03	2.06E-04	2.09E-03	2.20E-04	2.93E-03	2.20E-04	4.53E-04	5.17E-05	8.36E-05	9.71E-06	2.42E-05	2.81E-06	5.72E-05	6.65E-06	6.86E-06	6.86E-06	1.62E-01	2.48E-02	3.74E-01	4.78E-02
423 Gridded	3.33E-05	4.98E-06	7.28E-06	1.05E-06	3.88E-04	5.90E-05	4.01E-04	6.13E-05	4.78E-04	6.88E-05	9.22E-06	1.39E-06	1.55E-03	2.35E-04	1.82E-03	2.72E-04	3.50E-03	3.54E-04	3.89E-04	5.95E-05	7.30E-05	1.10E-05	2.11E-05	3.18E-06	4.99E-05	7.52E-06	1.14E-05	1.14E-05	1.86E-01	2.85E-02	4.28E-01	4.96E-02
424 Gridded	4.09E-05	4.20E-06	9.03E-06	9.44E-07	4.64E-04	4.69E-05	4.89E-04	4.98E-05	5.94E-04	6.23E-05	1.08E-05	1.09E-06	1.84E-03	1.86E-04	2.24E-03	2.31E-04	3.84E-03	4.32E-04	4.69E-04	4.75E-05	8.58E-05	8.65E-06	2.49E-05	2.50E-06	5.87E-05	5.92E-06	1.18E-05	1.18E-05	2.18E-01	2.56E-02	4.83E-01	4.47E-02
425 Gridded	3.94E-05	3.42E-06	8.96E-06	7.24E-07	4.33E-04	4.04E-05	4.62E-04	4.20E-05	5.93E-04	4.73E-05	1.01E-05	9.51E-07	1.72E-03	1.61E-04	2.17E-03	1.86E-04	4.33E-03	3.51E-04	4.40E-04	4.07E-05	7.98E-05	7.53E-06	2.31E-05	2.18E-06	5.46E-05	5.15E-06	8.66E-06	8.66E-06	1.59E-01	1.64E-02	3.45E-01	2.84E-02
426 Gridded	3.23E-05	4.30E-06	6.33E-06	8.97E-07	4.08E-04	5.15E-05	4.15E-04	5.33E-05	4.08E-04	5.84E-05	9.71E-06	1.22E-06	1.63E-03	2.05E-04	1.74E-03	2.34E-04	2.37E-03	2.75E-04	4.10E-04	5.19E-05	7.69E-05	9.62E-06	2.23E-05	2.79E-06	5.26E-05	6.58E-06	9.34E-06	9.34E-06	1.88E-01	2.03E-02	3.77E-01	3.88E-02
427 Gridded	3.58E-05	5.26E-06	7.19E-06	1.12E-06	4.44E-04	6.17E-05	4.54E-04	6.43E-05	4.65E-04	7.34E-05	1.05E-05	1.45E-06	1.77E-03	2.46E-04	1.94E-03	2.87E-04	2.65E-03	3.99E-04	4.46E-04	6.23E-05	8.34E-05	1.15E-05	2.41E-05	3.33E-06	5.71E-05	7.86E-06	1.24E-05	1.24E-05	1.81E-01	1.62E-02	3.32E-01	3.19E-02
428 Gridded	2.76E-05	3.22E-06	6.39E-06	7.70E-07	2.97E-04	3.35E-05	3.19E-04	3.65E-05	4.24E-04	5.13E-05	6.88E-06	7.70E-07	1.18E-03	1.33E-04	1.53E-03	1.79E-04	3.33E-03	4.44E-04	3.02E-04	3.41E-05	5.44E-05	6.10E-06	1.58E-05	1.76E-06	3.72E-05	4.17E-06	1.09E-05	1.09E-05	1.38E-01	1.23E-02	2.84E-01	2.18E-02
429 Gridded	2.45E-05	1.75E-06	5.28E-06	4.01E-07	2.85E-04	1.92E-05	2.99E-04	2.04E-05	3.46E-04	2.65E-05	6.70E-06	4.54E-07	1.14E-03	7.66E-05	1.34E-03	9.65E-05	2.80E-03	2.47E-04	2.88E-04	1.94E-05	5.31E-05	3.59E-06	1.54E-05	1.04E-06	3.63E-05	2.46E-06	5.25E-06	5.25E-06	1.39E-01	1.08E-02	2.86E-01	1.74E-02
430 Gridded	2.79E-05	2.30E-06	5.82E-06	5.07E-07	3.39E-04	2.62E-05	3.49E-04	2.76E-05	3.84E-04	3.34E-05	8.03E-06	6.13E-07	1.35E-03	1.04E-04	1.51E-03	1.26E-04	2.66E-03	2.13E-04	3.41E-04	2.65E-05	6.36E-05	4.85E-06	1.84E-05	1.40E-06	4.35E-05	3.32E-06	6.08E-06	6.08E-06	1.25E-01	1.10E-02	2.29E-01	1.82E-02
431 Gridded	2.93E-05	2.17E-06	6.45E-06	4.86E-07	3.35E-04	2.44E-05	3.53E-04	2.58E-05	4.24E-04	3.20E-05	7.84E-06	5.69E-07	1.33E-03	9.68E-05	1.61E-03	1.20E-04	2.67E-03	2.17E-04	3.39E-04	2.47E-05	6.20E-05	4.50E-06	1.80E-05	1.30E-06	4.25E-05	3.08E-06	6.00E-06	6.00E-06	1.41E-01	1.18E-02	2.72E-01	2.01E-02
432 Gridded	2.47E-05	2.03E-06	5.18E-06	4.46E-07	2.94E-04	2.32E-05	3.05E-04	2.44E-05	3.38E-04	2.93E-05	6.94E-06	5.45E-07	1.17E-03	9.23E-05	1.34E-03	1.11E-04	2.27E-03	1.85E-04	2.97E-04	2.34E-05	5.50E-05	4.32E-06	1.59E-05	1.25E-06	3.76E-05	2.95E-06	5.30E-06	5.30E-06	1.46E-01	1.12E-02	2.57E-01	1.99E-02
433 Gridded	2.61E-05	2.33E-06	5.68E-06	4.98E-07	3.00E-04	2.74E-05	3.15E-04	2.85E-05	3.73E-04	3.26E-05	7.04E-06	6.44E-07	1.19E-03	1.09E-04	1.43E-03	1.27E-04	2.40E-03	2.13E-04	3.04E-04	2.76E-05	5.58E-05	5.09E-06	1.61E-05	1.47E-06	3.82E-05	3.49E-06	5.98E-06	5.98E-06	1.39E-01	1.47E-02	2.65E-01	2.57E-02
434 Gridded	2.71E-05	2.44E-06	5.60E-06	5.35E-07	3.44E-04	2.78E-05	3.50E-04	2.93E-05	3.68E-04	3.52E-05	8.21E-06	6.50E-07	1.38E-03	1.10E-04	1.46E-03	1.34E-04	2.29E-03	2.22E-04	3.46E-04	2.81E-05	6.50E-05	5.15E-06	1.88E-05	1.49E-06	4.45E-05	3.52E-06	6.37E-06	6.37E-06	1.43E-01	1.54E-02	2.35E-01	2.68E-02
435 Gridded	2.94E-05	2.88E-06	5.79E-06	6.16E-07	3.69E-04	3.37E-05	3.76E-04	3.52E-05	3.73E-04	4.03E-05	8.78E-06	7.93E-07	1.47E-03	1.34E-04	1.58E-03	1.57E-04	2.27E-03	2.21E-04	3.71E-04	3.41E-05	6.95E-05	6.28E-06	2.01E-05	1.82E-06	4.75E-05	4.30E-06	6.86E-06	6.86E-06	1.28E-01	1.44E-02	2.14E-01	2.51E-02
436 Gridded	2.49E-05	2.16E-06	5.09E-06	4.74E-07	3.03E-04	2.47E-05	3.12E-04	2.60E-05	3.31E-04	3.12E-05	7.17E-06	5.78E-07	1.21E-03	9.82E-05	1.35E-03	1.19E-04	1.85E-03	1.95E-04	3.05E-04	2.50E-05	5.67E-05	4.58E-06	1.64E-05	1.32E-06	3.88E-05	3.13E-06	5.63E-06	5.63E-06	1.00E-01	1.28E-02	3.02E-01	2.25E-02
437 Gridded	1.86E-05	1.78E-06	3.97E-06	3.92E-07	2.18E-04	2.02E-05	2.28E-04	2.13E-05	2.59E-04	2.58E-05	5.14E-06	4.73E-07	8.69E-04	8.03E-05	1.02E-03	9.76E-05	1.81E-03	1.74E-04	2.20E-04	2.04E-05	4.07E-05	3.74E-06	1.18E-05	1.08E-06	2.78E-05	2.56E-06	4.70E-06	4.70E-06	1.26E-01	1.23E-02	2.83E-01	2.87E-02
438 Gridded	1.62E-05	2.24E-06	3.40E-06	4.84E-07	1.92E-04	2.60E-05	2.00E-04	2.72E-05	2.22E-04	3.17E-05	4.53E-06	6.11E-07	7.66E-04	1.03E-04	8.81E-04	1.23E-04	1.63E-03	2.04E-04	1.94E-04	2.63E-05	3.59E-05	4.83E-06	1.04E-05	1.40E-06	2.46E-05	3.31E-06	5.53E-06	5.53E-06	1.03E-01	1.08E-02	3.79E-01	2.89E-02
439 Gridded	1.60E-05	2.50E-06	3.52E-06	5.60E-07	1.88E-04	2.80E-05	1.94E-04	2.97E-05	2.32E-04	3.70E-05	4.44E-06	6.52E-07	7.48E-04	1.11E-04	8.76E-04	1.38E-04	1.98E-03	2.54E-04	1.89E-04	2.83E-05	3.51E-05	5.16E-06	1.02E-05	1.49E-06	2.40E-05	3.53E-06	6.97E-06	6.97E-06	1.09E-01	1.09E-02	2.83E-01	2.77E-02
440 Gridded	1.65E-05	1.86E-06	3.61E-06	4.19E-07	1.88E-04	2.06E-05	1.98E-04	2.19E-05	2.37E-04	2.77E-05	4.41E-06	4.79E-07	7.49E-04	8.17E-05	9.04E-04	1.02E-04	1.81E-03	1.97E-04	1.91E-04	2.09E-05	3.49E-05	3.79E-06	1.01E-05	1.10E-06	2.39E-05	2.59E-06	5.30E-06	5.30E-06	1.11E-01	1.11E-02	2.72E-01	2.66E-02
441 Gridded	1.74E-05	1.77E-06	3.65E-06	3.83E-07	2.06E-04	2.06E-05	2.14E-04	2.15E-05	2.38E-04	2.51E-05	4.87E-06	4.83E-07	8.22E-04	8.18E-05	9.46E-04	9.70E-05	1.81E-03	1.45E-04	2.08E-04	2.08E-05	3.85E-05	3.82E-06	1.12E-05	1.11E-06	2.64E-05	2.62E-06	4.38E-06	4.38E-06	1.09E-01	1.20E-02	2.41E-01	2.98E-02
442 Gridded	2.08E-05	2.00E-06	4.56E-06	4.41E-07	2.38E-04	2.28E-05	2.51E-04	2.41E-05	3.00E-04	2.90E-05	5.57E-06	5.34E-07	9.46E-04	9.08E-05	1.14E-03	1.10E-04	1.86E-03	1.84E-04	2.41E-04	2.31E-05	4.41E-05	4.23E-06	1.28E-05	1.22E-06	3.02E-05	2.89E-06	5.26E-06	5.26E-06	1.05E-01	1.37E-02	3.33E-01	3.46E-02
443 Gridded	1.65E-05	1.97E-06	3.67E-06	4.32E-07	2.04E-04	2.26E-05	2.09E-04	2.38E-05	2.43E-04	2.84E-05	4.84E-06	5.29E-07	8.13E-04	8.99E-05	8.94E-04	1.08E-04	1.78E-03	1.92E-04	2.05E-04	2.29E-05	3.83E-05	4.19E-06	1.11E-05	1.21E-06	2.62E-05	2.87E-06	5.13E-06	5.13E-06	1.26E-01	1.57E-02	3.61E-01	3.29E-02
444 Gridded	1.60E-05	2.41E-06	3.48E-06	5.33E-07	2.00E-04	2.72E-05	2.03E-04	2.88E-05	2.30E-04	3.51E-05	4.77E-06	6.36E-07	7.97E-04	1.08E-04	8.64E-04	1.32E-04	1.61E-03	2.29E-04	2.00E-04	2.76E-05	3.77E-05	5.04E-06	1.09E-05	1.46E-06	2.58E-05	3.45E-06	6.46E-06	6.46E-06	1.67E-01	1.57E-02	2.72E-01	2.38E-02
445 Gridded	1.78E-05	2.42E-06	3.90E-06	5.41E-07	2.27E-04	2.72E-05	2.30E-04	2.88E-05	2.56E-04	3.57E-05	5.43E-06	6.34E-07	9.08E-04	1.08E-04	9.78E-04	1.33E-04	1.89E-03	2.42E-04	2.28E-04	2.75E-05	4.30E-05	5.02E-06	1.24E-05	1.45E-06	2.94E-05	3.43E-06	6.69E-06	6.69E-06	1.41E-01	1.21E-02	2.03E-01	2.14E-02
446 Gridded	2.56E-05	3.12E-06	5.09E-06	5.98E-07	3.21E-04	4.02E-05	3.28E-04	4.06E-05	3.28E-04	3.83E-05	7.63E-06	9.60E-07	1.28E-03	1.61E-04	1.38E-03	1.68E-04	1.93E-03	2.26E-04	3.22E-04	4.03E-05	6.04E-05	7.60E-06	1.75E-05	2.20E-06	4.13E-05	5.20E-06	6.10E-06	6.10E-06	1.32E-01	1.55E-02	2.44E-01	3.08E-02
447 Gridded	3.25E-05	3.97E-06	6.50E-06	7.51E-07	4.34E-04	5.16E-05	4.34E-04	5.20E-05	4.24E-04	4.81E-05	1.04E-05	1.23E-06	1.74E-03	2.06E-04	1.74E-03	2.13E-04	2.12E-03	1.74E-04	4.34E-04	5.17E-05	8.24E-05	9.77E-06	2.39E-05	2.83E-06	5.64E-05	6.68E-06	5.58E-06	5.58E-06	1.17E-01	1.67E-02	2.94E-01	3.42E-02
448 Gridded	3.40E-05	3.21E-06	6.21E-06	6.15E-07	4.53E-04	4.12E-05	4.53E-04	4.17E-05	3.94E-04	3.95E-05	1.09E-05	9.83E-07	1.81E-03	1.64E-04	1.81E-03	1.72E-04	1.86E-03	1.75E-04	4.53E-04	4.13E-05	8.62E-05	7.78E-06	2.49E-05	2.25E-06	5.89E-05	5.32E-06	5.02E-06	5.02E-06	1.07E-01	1.23E-02	2.25E-01	2.24E-02
449 Gridded	2.30E-05	2.45E-06	4.82E-06	5.33E-07	2.74E-04	2.82E-05	2.84E-04	2.96E-05	3.14E-04	3.50E-05	6.45E-06	6.62E-07	1.09E-03	1.12E-04	1.25E-03	1.34E-04	1.70E-03	2.10E-04	2.76E-04	2.85E-05	5.11E-05	5.24E-06	1.48E-05	1.52E-06	3.50E-05	3.58E-06	6.20E-06	6.20E-06	1.24E-01	1.39E-02	2.17E-01	2.30E-02
450 Gridded	2.93E-05	2.78E-06	6.48E-06	6.19E-07	3.33E-04	3.12E-05	3.52E-04	3.30E-05	4.26E-04	4.08E-05	7.79E-06	7.29E-07	1.32E-03	1.24E-04	1.61E-03	1.53E-04	2.74E-03	2.74E-04	3.37E-04	3.16E-05	6.17E-05	5.77E-06	1.79E-05	1.67E-06	4.22E-05	3.95E-06	7.61E-06	7.61E-06	1.19E-01	1.58E-02	2.40E-01	2.45E-02
451 Gridded	2.76E-05	3.94E-06	6.05E-06	8.57E-07	3.15E-04	4.53E-05	3.32E-04	4.76E-05	3.98E-04	5.62E-05	7.38E-06	1.06E-06	1.25E-03	1.80E-04	1.51E-03	2.16E-04	2.67E-03	3.39E-04	3.19E-04	4.58E-05	5.85E-05	8.41E-06	1.69E-05	2.43E-06	4.00E-05	5.75E-06	9.98E-06	9.98E-06	1.38E-01	2.20E-02	2.56E-01	3.25E-02
452 Gridded	2.98E-05	4.61E-06	6.51E-06	1.02E-06	3.41E-04	5.21E-05	3.59E-04	5.51E-05	4.27E-04	6.73E-05	8.00E-06	1.22E-06	1.36E-03	2.07E-04	1.63E-03	2.53E-04	3.33E-03	4.42E-04	3.45E-04	5.28E-05	6.33E-05	9.64E-06	1.83E-05	2.79E-06	4.33E-05	6.60E-06	1.24E-05	1.24E-05	1.48E-01	2.37E-02	2.38E-01	3.38E-02
453 Gridded	2.22E-05	3.53E-06	5.00E-06	7.81E-07	2.67E-04	4.01E-05	2.67E-04	4.23E-05	3.30E-04	5.14E-05	6.40E-06	9.37E-07	1.07E-03	1.59E-04	1.22E-03	1.94E-04	3.76E-03	3.38E-04	2.67E-04	4.06E-05	5.07E-05	7.42E-06	1.47E-05	2.15E-06	3.47E-05	5.08E-06	9.40E-06	9.40E-06	1.28E-01	2.17E-02	2.72E-01	3.28E-02
454 Gridded	2.67E-05	3.42E-06	4.87E-06	7.20E-07	3.56E-04	4.07E-05	3.56E-04	4.23E-05	3.09E-04	4.70E-05	8.54E-06	9.60E-07	1.42E-03	1.62E-04	1.42E-03	1.87E-04	2.01E-03	2.39E-04	3.56E-04	4.11E-05	6.76E-05	7.60E-06	1.96E-05	2.20E-06	4.62E-05	5.20E-06	7.67E-06	7.67E-06	1.15E-01	1.98E-02	2.93E-01	3.31E-02
455 Gridded	2.70E-05	3.40E-06	4.94E-06	7.30E-07	3.59E-04	3.96E-05	3.59E-04	4.14E-05	3.14E-04	4.78E-05	8.61E-06	9.30E-07	1.44E-03	1.58E-04	1.44E-03	1.86E-04	1.97E-03	2.69E-04	3.59E-04	4.00E-05	6.82E-05	7.36E-06	1.97E-05	2.13E-06	4.67E-05	5.04E-06	8.22E-06	8.22E-06	1.12E-01	1.93E-02	3.11E-01	3.44E-02
456 Gridded	1.88E-05	3.71E-06	3.90E-06	7.91E-07	2.46E-04	4.36E-05	2.47E-04	4.54E-05	2.55E-04	5.18E-05	5.88E-06	1.02E-06	9.83E-04	1.73E-04	1.01E-03	2.03E-04	1.79E-03	3.06E-04	2.46E-04	4.40E-05	4.66E-05	8.11E-06	1.35E-05	2.35E-06	3.19E-05	5.55E-06	8.75E-06	8.75E-06	1.16E-01	2.75E-02	2.71E-01	3.75E-02
457 Gridded	2.31E-05	5.31E-06	5.02E-06	1.14E-06	2.65E-04	6.19E-05	2.79E-04	6.47E-05	3.30E-04	7.47E-05	6.22E-06	1.46E-06	1.05E-03	2.46E-04	1.26E-03	2.90E-04	2.60E-03	4.20E-04	2.68E-04	6.26E-05	4.92E-05	1.15E-05	1.42E-05	3.34E-06	3.37E-05	7.88E-06	1.29E-05	1.29E-05	1.47E-01	3.21E-02	2.44E-01	4.32E-02
458 Gridded	2.52E-05	6.23E-06	5.57E-06	1.36E-06	2.85E-04	7.16E-05	3.01E-04	7.52E-05	3.67E-04	8.94E-05	6.67E-06	1.68E-06	1.13E-03	2.85E-04	1.38E-03	3.42E-04	2.38E-03	5.46E-04	2.89E-04	7.24E-05	5.28E-05	1.33E-05	1.53E-05	3.84E-06	3.61E-05	9.08E-06	1.59E-05	1.59E-05	1.22E-01	3.02E-02	1.99E-01	4.09E-02

Scenario 1 Results

459	Gridded	2.20E-05	5.52E-06	4.91E-06	1.23E-06	2.47E-04	6.22E-05	2.62E-04	6.58E-05	3.24E-04	8.09E-05	5.76E-06	1.45E-06	9.81E-04	2.47E-04	1.21E-03	3.03E-04	2.74E-03	5.39E-04	2.50E-04	6.30E-05	4.56E-05	1.15E-05	1.32E-05	3.33E-06	3.12E-05	7.87E-06	1.50E-05	1.50E-05	1.11E-01	2.23E-02	1.85E-01	3.37E-02
460	Gridded	2.04E-05	3.06E-06	4.52E-06	6.50E-07	2.34E-04	3.61E-05	2.46E-04	3.76E-05	2.98E-04	4.25E-05	5.48E-06	8.50E-07	9.30E-04	1.44E-04	1.12E-03	1.67E-04	2.34E-03	3.19E-04	2.37E-04	3.64E-05	4.34E-05	6.73E-06	1.26E-05	1.95E-06	2.97E-05	4.61E-06	8.05E-06	8.05E-06	8.34E-02	1.96E-02	1.70E-01	3.50E-02
461	Gridded	2.22E-05	2.98E-06	4.94E-06	6.49E-07	2.51E-04	3.43E-05	2.65E-04	3.60E-05	3.26E-04	4.26E-05	5.86E-06	8.04E-07	9.97E-04	1.36E-04	1.22E-03	1.63E-04	2.28E-03	2.59E-04	2.54E-04	3.47E-05	4.64E-05	6.36E-06	1.34E-05	1.84E-06	3.18E-05	4.35E-06	7.57E-06	7.57E-06	8.94E-02	1.98E-02	1.77E-01	3.68E-02
462	Gridded	1.96E-05	2.96E-06	4.47E-06	6.49E-07	2.23E-04	3.39E-05	2.32E-04	3.57E-05	2.96E-04	4.26E-05	5.25E-06	7.94E-07	8.87E-04	1.35E-04	1.08E-03	1.62E-04	2.25E-03	2.79E-04	2.25E-04	3.43E-05	4.16E-05	6.29E-06	1.20E-05	1.82E-06	2.84E-05	4.30E-06	7.72E-06	7.72E-06	1.01E-01	1.74E-02	1.69E-01	3.27E-02
463	Gridded	2.18E-05	3.23E-06	4.65E-06	7.10E-07	2.72E-04	3.68E-05	2.78E-04	3.88E-05	3.04E-04	4.67E-05	6.48E-06	8.63E-07	1.09E-03	1.46E-04	1.19E-03	1.77E-04	2.24E-03	2.95E-04	2.74E-04	3.72E-05	5.13E-05	6.84E-06	1.48E-05	1.98E-06	3.51E-05	4.68E-06	8.45E-06	8.45E-06	9.83E-02	1.48E-02	1.76E-01	2.81E-02
464	Gridded	2.68E-05	3.19E-06	5.57E-06	7.06E-07	3.28E-04	3.62E-05	3.36E-04	3.82E-05	3.62E-04	4.64E-05	7.80E-06	8.47E-07	1.31E-03	1.44E-04	1.46E-03	1.75E-04	2.11E-03	3.00E-04	3.30E-04	3.66E-05	6.17E-05	6.70E-06	1.79E-05	1.94E-06	4.22E-05	4.59E-06	8.51E-06	8.51E-06	9.16E-02	1.56E-02	1.78E-01	2.60E-02
465	Gridded	2.75E-05	2.81E-06	5.66E-06	6.26E-07	3.33E-04	3.15E-05	3.44E-04	3.34E-05	3.68E-04	4.12E-05	7.88E-06	7.36E-07	1.33E-03	1.25E-04	1.49E-03	1.54E-04	2.12E-03	2.77E-04	3.36E-04	3.19E-05	6.24E-05	5.83E-06	1.81E-05	1.69E-06	4.27E-05	3.99E-06	7.69E-06	7.69E-06	1.08E-01	1.59E-02	1.97E-01	2.73E-02
466	Gridded	2.59E-05	2.14E-06	5.36E-06	4.84E-07	3.12E-04	2.37E-05	3.22E-04	2.52E-05	3.49E-04	3.20E-05	7.37E-06	5.52E-07	1.24E-03	9.41E-05	1.41E-03	1.18E-04	2.39E-03	2.37E-04	3.14E-04	2.40E-05	5.83E-05	4.37E-06	1.69E-05	1.27E-06	3.99E-05	2.99E-06	6.14E-06	6.14E-06	1.27E-01	1.55E-02	2.52E-01	3.15E-02
467	Gridded	3.85E-05	2.39E-06	8.25E-06	4.71E-07	4.50E-04	3.00E-05	4.70E-04	3.06E-05	5.40E-04	3.04E-05	1.06E-05	7.15E-07	1.79E-03	1.20E-04	2.10E-03	1.29E-04	2.99E-03	1.97E-04	4.55E-04	3.02E-05	8.38E-05	5.66E-06	2.43E-05	1.64E-06	5.73E-05	3.87E-06	5.04E-06	5.04E-06	1.47E-01	1.53E-02	2.65E-01	3.09E-02
468	Gridded	4.17E-05	2.77E-06	9.37E-06	5.49E-07	4.65E-04	3.47E-05	4.94E-04	3.54E-05	6.18E-04	3.54E-05	1.08E-05	8.24E-07	1.85E-03	1.38E-04	2.30E-03	1.49E-04	4.29E-03	2.35E-04	4.72E-04	3.48E-05	8.59E-05	6.52E-06	2.49E-05	1.89E-06	5.88E-05	4.46E-06	6.57E-06	6.57E-06	1.29E-01	1.60E-02	2.33E-01	2.87E-02
469	Gridded	2.87E-05	2.53E-06	6.85E-06	5.50E-07	3.22E-04	3.01E-05	3.29E-04	3.11E-05	4.56E-04	3.61E-05	7.64E-06	7.12E-07	1.28E-03	1.20E-04	1.60E-03	1.39E-04	3.92E-03	2.31E-04	3.23E-04	3.03E-05	6.05E-05	5.64E-06	1.75E-05	1.63E-06	4.14E-05	3.86E-06	6.39E-06	6.39E-06	1.26E-01	1.70E-02	2.69E-01	3.13E-02
470	Gridded	2.12E-05	2.45E-06	4.29E-06	5.37E-07	2.78E-04	2.80E-05	2.79E-04	2.95E-05	2.83E-04	3.53E-05	6.66E-06	6.55E-07	1.11E-03	1.11E-04	1.13E-03	1.34E-04	2.43E-03	2.20E-04	2.78E-04	2.83E-05	5.27E-05	5.19E-06	1.53E-05	1.50E-06	3.61E-05	3.55E-06	6.35E-06	6.35E-06	1.15E-01	2.05E-02	2.98E-01	3.49E-02
471	Gridded	2.21E-05	2.61E-06	4.54E-06	5.58E-07	2.89E-04	3.05E-05	2.90E-04	3.19E-05	2.97E-04	3.67E-05	6.91E-06	7.19E-07	1.15E-03	1.22E-04	1.18E-03	1.42E-04	2.41E-03	2.40E-04	2.89E-04	3.08E-05	5.47E-05	5.69E-06	1.58E-05	1.65E-06	3.74E-05	3.89E-06	6.70E-06	6.70E-06	1.67E-01	2.51E-02	3.21E-01	4.44E-02
472	Gridded	2.44E-05	2.69E-06	5.08E-06	5.81E-07	2.93E-04	3.12E-05	3.03E-04	3.27E-05	3.31E-04	3.81E-05	6.92E-06	7.32E-07	1.17E-03	1.24E-04	1.33E-03	1.47E-04	2.14E-03	2.57E-04	2.95E-04	3.15E-05	5.48E-05	5.79E-06	1.59E-05	1.68E-06	3.75E-05	3.96E-06	6.76E-06	6.76E-06	1.99E-01	2.41E-02	3.94E-01	4.52E-02
473	Gridded	3.35E-05	2.99E-06	6.82E-06	5.70E-07	4.09E-04	3.86E-05	4.21E-04	3.90E-05	4.43E-04	3.65E-05	9.69E-06	9.22E-07	1.63E-03	1.54E-04	1.81E-03	1.60E-04	2.34E-03	2.29E-04	4.12E-04	3.87E-05	7.67E-05	7.30E-06	2.22E-05	2.11E-06	5.25E-05	5.00E-06	6.50E-06	6.50E-06	1.66E-01	2.52E-02	4.20E-01	5.30E-02
474	Gridded	3.52E-05	4.93E-06	7.80E-06	9.99E-07	4.10E-04	6.05E-05	4.23E-04	6.21E-05	5.13E-04	6.48E-05	9.69E-06	1.43E-06	1.63E-03	2.41E-04	1.93E-03	2.67E-04	3.36E-03	2.46E-04	4.13E-04	6.09E-05	7.67E-05	1.14E-05	2.22E-05	3.29E-06	5.25E-05	7.77E-06	9.58E-06	9.58E-06	1.74E-01	3.00E-02	4.09E-01	5.37E-02
475	Gridded	3.28E-05	4.67E-06	7.14E-06	1.02E-06	3.77E-04	5.35E-05	3.96E-04	5.62E-05	4.69E-04	6.71E-05	8.84E-06	1.25E-06	1.50E-03	2.13E-04	1.80E-03	2.56E-04	3.16E-03	4.14E-04	3.81E-04	5.41E-05	7.00E-05	9.91E-06	2.03E-05	2.87E-06	4.79E-05	6.78E-06	1.20E-05	1.20E-05	2.17E-01	3.02E-02	4.74E-01	5.34E-02
476	Gridded	4.49E-05	3.77E-06	1.01E-05	7.92E-07	4.98E-04	4.49E-05	5.30E-04	4.66E-05	6.69E-04	5.16E-05	1.16E-05	1.06E-06	1.98E-03	1.79E-04	2.47E-03	2.05E-04	4.74E-03	3.92E-04	5.05E-04	4.53E-05	9.18E-05	8.39E-06	2.66E-05	2.43E-06	6.28E-05	5.74E-06	1.01E-05	1.01E-05	1.98E-01	2.02E-02	3.69E-01	3.20E-02
477	Gridded	3.30E-05	4.08E-06	6.29E-06	8.57E-07	4.26E-04	4.86E-05	4.30E-04	5.04E-05	4.03E-04	5.59E-05	1.02E-05	1.15E-06	1.70E-03	1.94E-04	1.77E-03	2.22E-04	2.45E-03	2.83E-04	4.27E-04	4.90E-05	8.05E-05	9.07E-06	2.33E-05	2.63E-06	5.51E-05	6.21E-06	9.10E-06	9.10E-06	1.88E-01	2.05E-02	3.74E-01	3.76E-02
478	Gridded	3.32E-05	5.42E-06	6.51E-06	1.14E-06	4.21E-04	6.47E-05	4.28E-04	6.71E-05	4.19E-04	7.40E-05	1.00E-05	1.53E-06	1.68E-03	2.58E-04	1.79E-03	2.95E-04	2.27E-03	3.59E-04	4.22E-04	6.52E-05	7.93E-05	1.21E-05	2.30E-05	3.50E-06	5.42E-05	8.26E-06	1.20E-05	1.20E-05	1.88E-01	1.93E-02	3.39E-01	3.85E-02
479	Gridded	3.21E-05	3.99E-06	7.17E-06	9.27E-07	3.59E-04	4.30E-05	3.81E-04	4.63E-05	4.72E-04	6.14E-05	8.39E-06	9.96E-07	1.43E-03	1.71E-04	1.76E-03	2.21E-04	3.21E-03	4.82E-04	3.64E-04	4.37E-05	6.64E-05	7.89E-06	1.92E-05	2.28E-06	4.54E-05	5.40E-06	1.24E-05	1.24E-05	1.52E-01	1.42E-02	2.86E-01	2.54E-02
480	Gridded	2.56E-05	1.96E-06	5.40E-06	4.39E-07	3.04E-04	2.18E-05	3.16E-04	2.32E-05	3.52E-04	2.90E-05	7.17E-06	5.08E-07	1.21E-03	8.66E-05	1.40E-03	1.08E-04	3.23E-03	3.22E-04	3.07E-04	2.21E-05	5.67E-05	4.02E-06	1.64E-05	1.16E-06	3.88E-05	2.75E-06	6.89E-06	6.89E-06	1.60E-01	1.13E-02	3.20E-01	1.93E-02
481	Gridded	2.98E-05	2.42E-06	6.61E-06	5.31E-07	3.63E-04	2.77E-05	3.73E-04	2.92E-05	4.36E-04	3.49E-05	8.61E-06	6.50E-07	1.45E-03	1.10E-04	1.64E-03	1.33E-04	2.89E-03	2.16E-04	3.65E-04	2.80E-05	6.82E-05	5.14E-06	1.97E-05	1.49E-06	4.67E-05	3.52E-06	6.26E-06	6.26E-06	1.37E-01	1.16E-02	2.59E-01	1.97E-02
482	Gridded	3.18E-05	2.40E-06	6.95E-06	5.36E-07	3.65E-04	2.68E-05	3.84E-04	2.84E-05	4.57E-04	3.53E-05	8.55E-06	6.26E-07	1.45E-03	1.07E-04	1.74E-03	1.32E-04	2.80E-03	2.41E-04	3.69E-04	2.72E-05	6.77E-05	4.96E-06	1.96E-05	1.43E-06	4.63E-05	3.39E-06	6.63E-06	6.63E-06	1.54E-01	1.28E-02	3.01E-01	2.15E-02
483	Gridded	2.65E-05	2.28E-06	5.56E-06	5.01E-07	3.15E-04	2.60E-05	3.27E-04	2.74E-05	3.63E-04	3.29E-05	7.43E-06	6.09E-07	1.26E-03	1.03E-04	1.44E-03	1.25E-04	2.54E-03	2.07E-04	3.18E-04	2.63E-05	5.88E-05	4.82E-06	1.70E-05	1.40E-06	4.03E-05	3.30E-06	5.96E-06	5.96E-06	1.59E-01	1.22E-02	2.84E-01	2.19E-02
484	Gridded	2.84E-05	2.61E-06	6.19E-06	5.58E-07	3.31E-04	3.06E-05	3.43E-04	3.20E-05	4.06E-04	3.65E-05	7.89E-06	7.20E-07	1.32E-03	1.22E-04	1.56E-03	1.43E-04	2.61E-03	2.37E-04	3.32E-04	3.09E-05	6.25E-05	5.70E-06	1.81E-05	1.65E-06	4.27E-05	3.90E-06	6.69E-06	6.69E-06	1.54E-01	1.60E-02	2.93E-01	2.80E-02
485	Gridded	3.17E-05	2.66E-06	6.20E-06	5.88E-07	4.02E-04	3.03E-05	4.09E-04	3.19E-05	4.04E-04	3.87E-05	9.57E-06	7.08E-07	1.60E-03	1.20E-04	1.71E-03	1.46E-04	2.52E-03	2.49E-04	4.03E-04	3.06E-05	7.58E-05	5.60E-06	2.19E-05	1.62E-06	5.18E-05	3.83E-06	7.06E-06	7.06E-06	1.47E-01	1.68E-02	2.47E-01	2.98E-02
486	Gridded	3.20E-05	3.04E-06	6.34E-06	6.51E-07	4.02E-04	3.56E-05	4.10E-04	3.72E-05	4.09E-04	4.26E-05	9.55E-06	8.37E-07	1.60E-03	1.42E-04	1.73E-03	1.66E-04	2.36E-03	2.34E-04	4.04E-04	3.60E-05	7.56E-05	6.63E-06	2.19E-05	1.92E-06	5.18E-05	4.54E-06	7.25E-06	7.25E-06	1.37E-01	1.56E-02	2.39E-01	2.74E-02
487	Gridded	2.37E-05	2.17E-06	4.87E-06	4.76E-07	2.88E-04	2.48E-05	2.97E-04	2.61E-05	3.16E-04	3.13E-05	6.82E-06	5.81E-07	1.15E-03	9.86E-05	1.29E-03	1.19E-04	1.89E-03	1.95E-04	2.90E-04	2.51E-05	5.40E-05	4.60E-06	1.56E-05	1.33E-06	3.69E-05	3.15E-06	5.63E-06	5.63E-06	9.57E-02	1.34E-02	3.28E-01	2.59E-02
488	Gridded	1.81E-05	1.72E-06	3.90E-06	3.80E-07	2.10E-04	1.95E-05	2.20E-04	2.06E-05	2.55E-04	2.50E-05	4.93E-06	4.56E-07	8.35E-04	7.75E-05	9.88E-04	9.45E-05	1.86E-03	1.85E-04	2.12E-04	1.97E-05	3.90E-05	3.61E-06	1.13E-05	1.05E-06	2.67E-05	2.47E-06	4.76E-06	4.76E-06	1.19E-01	1.20E-02	3.33E-01	3.09E-02
489	Gridded	1.78E-05	2.52E-06	3.82E-06	5.51E-07	2.07E-04	2.89E-05	2.17E-04	3.04E-05	2.50E-04	3.62E-05	4.87E-06	6.77E-07	8.25E-04	1.15E-04	9.72E-04	1.38E-04	1.65E-03	2.22E-04	2.09E-04	2.92E-05	3.86E-05	5.36E-06	1.12E-05	1.55E-06	2.64E-05	3.67E-06	6.47E-06	6.47E-06	1.14E-01	1.19E-02	4.13E-01	3.14E-02
490	Gridded	1.79E-05	2.52E-06	3.77E-06	5.67E-07	2.13E-04	2.81E-05	2.21E-04	2.98E-05	2.46E-04	3.74E-05	5.02E-06	6.54E-07	8.48E-04	1.12E-04	9.75E-04	1.39E-04	2.14E-03	2.61E-04	2.15E-04	2.85E-05	3.97E-05	5.18E-06	1.15E-05	1.50E-06	2.72E-05	3.54E-06	7.11E-06	7.11E-06	1.16E-01	1.22E-02	2.55E-01	2.89E-02
491	Gridded	1.64E-05	1.72E-06	3.54E-06	3.89E-07	1.91E-04	1.91E-05	2.00E-04	2.03E-05	2.34E-04	2.57E-05	4.49E-06	4.50E-07	7.61E-04	7.62E-05	8.97E-04	9.49E-05	1.66E-03	1.82E-04	1.93E-04	1.94E-05	3.55E-05	3.56E-06	1.03E-05	1.03E-06	2.43E-05	2.44E-06	4.91E-06	4.91E-06	1.12E-01	1.26E-02	2.85E-01	2.85E-02
492	Gridded	2.08E-05	2.07E-06	4.42E-06	4.50E-07	2.44E-04	2.39E-05	2.55E-04	2.51E-05	2.89E-04	2.95E-05	5.75E-06	5.61E-07	9.73E-04	9.52E-05	1.13E-03	1.14E-04	2.02E-03	1.75E-04	2.47E-04	2.42E-05	4.55E-05	4.44E-06	1.32E-05	1.29E-06	3.11E-05	3.04E-06	5.20E-06	5.20E-06	1.10E-01	1.38E-02	3.10E-01	3.43E-02
493	Gridded	2.05E-05	2.08E-06	4.55E-06	4.63E-07	2.30E-04	2.34E-05	2.44E-04	2.47E-05	2.99E-04	3.05E-05	5.38E-06	5.45E-07	9.16E-04	9.28E-05	1.12E-03	1.14E-04	1.99E-03	2.05E-04	2.33E-04	2.37E-05	4.26E-05	4.32E-06	1.23E-05	1.25E-06	2.92E-05	2.95E-06	5.70E-06	5.70E-06	1.14E-01	1.57E-02	4.26E-01	3.82E-02
494	Gridded	1.94E-05	2.38E-06	3.91E-06	5.22E-07	2.41E-04	2.71E-05	2.47E-04	2.86E-05	2.53E-04	3.43E-05	5.72E-06	6.35E-07	9.61E-04	1.08E-04	1.05E-03	1.30E-04	1.79E-03	2.17E-04	2.42E-04	2.74E-05	4.53E-05	5.02E-06	1.31E-05	1.45E-06	3.10E-05	3.44E-06	6.22E-06	6.22E-06	1.64E-01	1.73E-02	3.80E-01	3.18E-02
495	Gridded	1.83E-05	2.61E-06	3.67E-06	5.81E-07	2.35E-04	2.94E-05	2.37E-04	3.11E-05	2.38E-04	3.82E-05	5.61E-06	6.86E-07	9.38E-04	1.17E-04	9.90E-04	1.43E-04	1.90E-03	2.55E-04	2.35E-04	2.97E-05	4.44E-05	5.43E-06	1.29E-05	1.57E-06	3.04E-05	3.72E-06	7.11E-06	7.11E-06	1.80E-01	1.54E-02	2.26E-01	2.36E-02
496	Gridded	2.01E-05	2.59E-06	4.48E-06	5.40E-07	2.51E-04	3.28E-05	2.54E-04	3.33E-05	2.95E-04	3.56E-05	6.02E-06	7.80E-07	1.00E-03	1.31E-04	1.10E-03	1.39E-04	1.99E-03	2.48E-04	2.52E-04	3.29E-05	4.77E-05	6.17E-06	1.38E-05	1.79E-06	3.26E-05	4.22E-06	6.76E-06	6.76E-06	1.23E-01	1.37E-02	2.42E-01	2.58E-02
497	Gridded	3.00E-05	3.59E-06	6.11E-06	6.81E-07	3.68E-04	4.65E-05	3.78E-04	4.70E-05	3.96E-04	4.36E-05	8.71E-06	1.11E-06	1.47E-03	1.86E-04	1.63E-03	1.93E-04	1.81E-03	2.04E-04	3.70E-04	4.66E-05	6.89E-05	8.80E-06	2.00E-05	2.55E-06	4.72E-05	6.02E-06	5.41E-06	5.41E-06	1.32E-01	1.75E-02	2.74E-01	3.54E-02
498	Gridded	3.64E-05	3.84E-06	6.66E-06	7.25E-07	4.86E-04	4.99E-05	4.86E-04	5.03E-05	4.23E-04	4.64E-05	1.17E-05	1.19E-06	1.94E-03	1.99E-04	1.94E-03	2.06E-04	2.12E-03	1.82E-04	4.86E-04	5.00E-05	9.23E-05	9.44E-06	2.67E-05	2.73E-06	6.32E-05	6.46E-06	5.37E-06	5.37E-06	1.20E-01	1.48E-02	2.80E-01	2.91E-02
499	Gridded	2.93E-05	2.77E-06	5.35E-06	5.97E-07	3.91E-04	3.36E-05	3.91E-04	3.40E-05	3.45E-04	3.91E-05	9.38E-06	8.00E-07	1.56E-03	1.34E-04	1.56E-03	1.51E-04	1.81E-03	2.24E-04	3.91E-04	3.37E-05	7.43E-05	6.33E-06	2.15E-05	1.83E-06	5.08E-05	4.33E-06	6.78E-06	6.78E-06	1.47E-01	1.59E-02	2.60E-01	2.67E-02
500	Gridded	2.64E-05	2.87E-06	5.63E-06	6.33E-07	3.10E-04	3.26E-05	3.23E-04	3.44E-05	3.68E-04	4.17E-05	7.29E-06	7.64E-07	1.23E-03	1.30E-04	1.44E-03	1.58E-04	1.99E-03	2.67E-04	3.13E-04	3.30E-05	5.77E-05	6.04E-06	1.67E-05	1.75E-06	3.95E-05	4.14E-06	7.60E-06	7.60E-06	1.16E-01	1.64E-02	2.07E-01	2.54E-02
501	Gridded	2.88E-05	3.65E-06	6.50E-06	7.88E-07	3.19E-04	4.24E-05	3.40E-04	4.44E-05	4.29E-04	5.16E-05	7.44E-06	9.97E-07	1.27E-03	1.69E-04	1.59E-03	2.00E-04	3.03E-03	2.96E-04	3.24E-04	4.29E-05	5.89E-05	7.89E-06	1.71E-05	2.28E-06	4.03E-05	5.40E-06	8.95E-06	8.95E-06	1.53E-01	2.15E-02	2.66E-01	3.30E-02
502	Gridded	2.79E-05	4.49E-06	6.22E-06	9.86E-07	3.14E-04	5.12E-05	3.32E-04	5.39E-05	4.10E-04	6.48E-05	7.33E-06	1.20E-06	1.25E-03	2.04E-04	1.53E-03	2.46E-04	2.75E-03	4.08E-04	3.18E-04	5.18E-05	5.80E-05	9.49E-06	1.68E-05	2.75E-06	3.97E-05	6.49E-06	1.17E-05	1.17E-05	1.45E-01	2.44E-02	2.76E-01	3.45E-02
503	Gridded	2.60E-05	3.81E-06	5.57E-06	8.52E-07	3.47E-04	4.27E-05	3.47E-04	4.53E-05	3.67E-04	5.61E-05	8.32E-06	9.98E-07	1.39E-03	1.70E-04	1.39E-03	2.10E-04	3.47E-03	3.81E-04	3.47E-04	4.33E-05	6.58E-05	7.90E-06	1.91E-05	2.29E-06	4.51E-05	5.40E-06	1.05E-05	1.05E-05	1.34E-01	2.32E-02	3.15E-01	3.42E-02
504	Gridded	3.01E-05	3.95E-06	5.49E-06	8.31E-07	4.01E-04	4.70E-05	4.01E-04	4.88E-05	3.49E-04	5.42E-05	9.62E-06	1.11E-06	1.60E-03	1.87E-04	1.60E-03	2.15E-04	3.21E-03	2.73E-04	4.01E-04	4.74E-05	7.62E-05	8.78E-06	2.21E-05	2.54E-06	5.21E-05	6.01E-06	8.84E-06	8.84E-06	1.32E-01	2.38E-02	3.44E-01	3.96E-02
505	Gridded	3.15E-05	4.15E-06	5.80E-06	8.93E-07	4.19E-04	4.82E-05	4.19E-04	5.05E-05	3.69E-04	5.85E-05	1.00E-05	1.13E-06	1.67E-03	1.92E-04	1.68E-03	2.27E-04	2.45E-03	3.33E-04	4.19E-04	4.87E-05	7.95E-05	8.97E-06	2.30E-05	2.60E-06	5.44E-05	6.14E-06	1.01E-05	1.01E-05	1.35E-01	2.53E-02	3.82E-01	4.44E-02
506	Gridded	2.02E-05	4.28E-06	4.30E-06	9.09E-07	2.38E-04	5.04E-05	2.48E-04	5.25E-05	2.81E-04	5.94E-05	5.67E-06	1.19E-06	9.49E-04	2.01E-04	1.10E-03	2.33E-04	1.79E-03	3.25E-04	2.40E-04	5.09E-05	4.49E-05	9.39E-06	1.30E-05	2.72E-06	3.07E-05	6.42E-06	9.96E-06	9.96E-06	1.40E-01	3.22E-02	2.74E-01	4.34E-02
507	Gridded	2.55E-05	6.03E-06	5.55E-06	1.29E-06	2.95E-04	7.04E-05	3.09E-04	7.35E-05	3.64E-04	8.47E-05	6.91E-06	1.65E-06	1.17E-03	2.80E-04	1.40E-03	3.29E-04	2.17E-03	4.72E-04	2.98E-04	7.11E-05	5.47E-05	1.31E-05	1.58E-05	3.79E-06	3.74E-05	8.96E-06	1.45E-05	1.45E-05	1.66E-01	3.61E-02	2.73E-01	4.82E-02
508	Gridded	2.74E-05	6.74E-06	6.07E-06	1.47E-06	3.11E-04	7.73E-05	3.28E-04	8.13E-05	3.99E-04	9.67E-05	7.27E-06	1.81E-06	1.24E-03	3.07E-04	1.51E-03	3.69E-04	2.59E-03	5.93E-04	3.15E-04	7.82E-05	5.76E-05	1.43E-05	1.67E-05	4.15E-06	3.94E-05	9.81E-06	1.73E-05	1.73E-05	1.36E-01	3.23E-02	2.18E-01	4.33E-02
509	Gridded	2.33E-05	5.55E-06	5.20E-06	1.24E-06	2.62E-04	6.24E-05	2.77E-04	6.61E-05	3.43E-04	8.15E-05	6.11E-06	1.46E-06	1.04E-03	2.48E-04	1.28E-03	3.05E-04	2.71E-03	5.47E-04	2.65E-04	6.32E-05	4.83E-05	1.15E-05	1.40E-05	3.34E-06	3.31E-05	7.90E-06	1.52E-05	1.52E-05	1.17E-01	2.46E-02	1.96E-01	3.93E-02
510	Gridded	2.15E-05	3.76E-06	4.78E-06	8.54E-07	2.43E-04	4.13E-05	2.57E-04	4.41E-05	3.15E-04	5.65E-05	5.68E-06	9.62E-07	9.66E-04	1.64E-04	1.18E-03	2.07E-04	2.23E-03	4.12E-04	2.46E-04	4.19E-05	4.50E-05	7.61E-06	1.30E-05	2.20E-06	3.08E-05	5.21E-06	1.10E-05	1.10E-05	1.17E-01	2.91E-02	1.92E-01	5.10E-02
511	Gridded	2.23E-05	3.85E-06	4.95E-06	8.73E-07	2.51E-04	4.25E-05	2.66E-04	4.53E-05	3.26E-04	5.77E-05	5.87E-06	9.88E-07	9.98E-04	1.69E-04	1.22E-03	2.12E-04	2.16E-03	4.17E-04	2.54E-04	4.31E-05	4.64E-05	7.82E-06	1.34E-05	2.26E-06	3.18E-05	5.35E-06	1.12E-05	1.12E-05	7.73E-02	1.76E-02	2.06E-01	2.95E-02
512	Gridded	2.16E-05	3.04E-06	4.80E-06	6.67E-07	2.43E-04	3.63E-05	2.57E-04	3.76E-05	3.16E-04	4.43E-05	5.66E-06	8.56E-07	9.64E-04	1.45E-04	1.19E-03	1.66E-04	2.42E-03	3.53E-04	2.46E-04	3.66E-05	4.48E-05	6.77E-06	1.30E-05	1.96E-06	3.07E-05	4.64E-06	9.00E-06	9.00E-06	8.68E-02	2.05E-02	1.76E-01	3.65E-02
513	Gridded	2.25E-05	3.16E-06	5.02E-06	6.80E-07	2.57E-04	3.68E-05	2.68E-04	3.85E-05	3.31E-04	4.46E-05	6.03E-06	8.64E-07	1.02E-03	1.46E-04	1.24E-03	1.73E-04	2.33E-03	2.70E-04	2.59E-04	3.71E-05	4.77E-05	6.84E-06	1.38E-05	1.98E-06	3.27E-05	4.68E-06	7.71E-06	7.71E-06	9.33E-02	2.12E-02	1.80E-01	3.94E-02
514	Gridded	2.32E-05	3.04E-06	4.80E-06	6.70E-07	2.92E-04	3.49E-05	2.98E-04	3.67E-05	3.17E-04	4.41E-05	6.94E-06	8.17E-07	1.17E-03	1.39E-04	1.25E-03	1.67E-04	2.61E-03	2.88E-04	2.93E-04	3.53E-05	5.50E-05	6.47E-06	1.59E-05	1.87E-06	3.76E-05	4.43E-06	8.12E-06	8.12E-06	1.11E-01	1.91E-02	1.86E-01	3.60E-02
515	Gridded	2.72E-05	3.28E-06	5.35E-06	7.20E-07	3.43E-04	3.75E-05	3.50E-04	3.94E-05	3.45E-04	4.73E-05	8.17E-06	8.77E-07	1.37E-03	1.49E-04	1.47E-03	1.80E-04	2.38E-03	2.97E-04	3.45E-04	3.79E-05	6.47E-05	6.94E-06	1.87E-05	2.01E-06	4.43E-05	4.75E-06	8.55E-06	8.55E-06	1.06E-01	1.58E-02	1.84E-01	2.89E-02
516	Gridded	2.77E-05	3.32E-06	5.56E-06	7.34E-07	3.43E-04	3.77E-05	3.51E-04	3.98E-05	3.59E-04	4.83E-05	8.14E-06	8.83E-07	1.37E-03	1.50E-04	1.50E-03	1.82E-04	2.11E-03	3.10E-04	3.45E-04	3.82E-05	6.45E-05	6.99E-06	1.87E-05	2.02E-06	4.41E-05	4.78E-06	8.82E-06	8.82E-06	9.68E-02	1.67E-02	1.89E-01	2.77E-02
517	Gridded	2.48E-05	2.98E-06	5.04E-06	6.64E-07	3.04E-04	3.36E-05	3.12E-04	3.55E-05	3.27E-04	4.37E-05	7.19E-06	7.84E-07	1.21E-03	1.33E-04	1.34E-03	1.64E-04	2.19E-03	2.92E-04	3.05E-04	3.40E-05	5.69E-05	6.21E-06	1.65E-05	1.80E-06	3.90E-05	4.25E-06	8.14E-06	8.14E-06	1.12E-01	1.69E-02	2.01E-01	2.72E-02
518	Gridded	2.66E-05	2.39E-06	5.48E-06	5.40E-07	3.22E-04	2.66E-05	3.32E-04	2.83E-05	3.56E-04	3.57E-05	7.61E-06	6.19E-07	1.28E-03	1.05E-04	1.44E-03	1.32E-04	2.30E-03	2.58E-04	3.24E-04	2.69E-05	6.02E-05	4.90E-06	1.74E-05	1.42E-06	4.12E-05	3.35E-06	6.82E-06	6.82E-06	1.43E-01	1.68E-02	2.62E-01	3.31E-02
519	Gridded	4.35E-05	2.81E-06	9.29E-06	5.53E-07	5.10E-04	3.54E-05	5.32E-04	3.61E-05	6.08E-04	3.56E-05	1.20E-05	8.43E-07	2.03E-03	1.41E-04	2.38E-03	1.52E-04	3.31E-03	2.28E-04	5.15E-04	3.56E-05	9.50E-05	6.68E-06	2.75E-05	1.93E-06	6.50E-05	4.57E-06	5.85E-06	5.85E-06	1.65E-01	1.74E-02	3.01E-01	3.48E-02
520	Gridded	4.60E-05	3.00E-06	1.03E-05	5.95E-07	5.15E-04	3.76E-05	5.46E-04	3.83E-05	6.79E-04	3.84E-05	1.20E-05	8.93E-07	2.05E-03	1.50E-04	2.53E-03	1.62E-04	4.64E-03	2.47E-04	5.22E-04	3.77E-05	9.52E-05	7.07E-06	2.75E-05	2.05E-06	6.51E-05	4.84E-06	6.94E-06	6.94E-06	1.42E-01	1.72E-02	2.55E-01	3.07E-02
521	Gridded	3.05E-05	2.62E-06	7.27E-06	5.70E-07	3.21E-04	3.02E-05	3.47E-04	3.17E-05	4.84E-04	3.74E-05	7.63E-06	7.09E-07	1.28E-03	1.20E-04	1.70E-03	1.44E-04	4.13E-03	2.37E-04	3.25E-04	3.06E-05	6.04E-05	5.61E-06	1.75E-05	1.62E-06	4.13E-05	3.84E-06	6.62E-06	6.62E-06	1.28E-01	1.83E-02	2.60E-01	3.21E-02
522	Gridded	2.16E-05	2.72E-06	4.57E-06	5.98E-07	2.84E-04	3.11E-05	2.85E-04	3.27E-05	3.01E-04	3.93E-05	6.81E-06	7.27E-07	1.14E-03	1.23E-04	1.15E-03	1.49E-04	2.56E-03	2.48E-04	2.85E-04	3.14E-05	5.39E-05	5.76E-06	1.56E-05	1.67E-06	3.69E-05	3.94E-06	7.11E-06	7.11E-06	1.21E-01	2.30E-02	3.17E-01	3.88E-02
523	Gridded	2.35E-05	2.79E-06	4.93E-06	5.96E-07	2.92E-04	3.27E-05	2.95E-04	3.41E-05	3.23E-04	3.90E-05	6.99E-06	7.70E-07	1.17E-03	1.30E-04	1.27E-03	1.52E-04	2.58E-03	2.59E-04	2.92E-04	3.30E-05	5.53E-05	6.09E-06	1.60E-05	1.76E-06	3.78E-05	4.17E-06	7.17E-06	7.17E-06	1.95E-01	2.72E-02	3.31E-01	4.87E-02
524	Gridded	2.64E-05	2.95E-06	5.64E-06	6.40E-07	3.10E-04	3.41E-05	3.23E-04	3.58E-05	3.69E-04	4.20E-05	7.38E-06	8.00E-07	1.24E-03	1.36E-04	1.44E-03	1.62E-04	2.63E-03	2.69E-04	3.13E-04	3.45E-05	5.84E-05	6.34E-06	1.69E-05	1.83E-06	4.00E-05	4.34E-06	7.38E-06	7.38E-06	1.99E-01	2.65E-02	4.17E-01	5.00E-02
525	Gridded	3.92E-05	4.39E-06	8.24E-06	8.61E-07	4.67E-04	5.56E-05	4.85E-04	5.65E-05	5.38E-04	5.54E-05	1.10E-05	1.32E-06	1.86E-03	2.22E-04	2.14E-03	2.37E-04	2.75E-03	2.48E-04	4.71E-04	5.58E-05	8.73E-05	1.05E-05	2.53E-05	3.03E-06	5.97E-05	7.17E-06	7.33E-06	7.33E-06	1.76E-01	3.07E-02	4.61E-01	5.75E-02
526	Gridded	3.09E-05	5.09E-06	6.74E-06	1.08E-06	3.79E-04	6.03E-05	3.88E-04	6.27E-05	4.43E-04	7.02E-05	9.00E-06	1.42E-06	1.51E-03	2.40E-04	1.69E-03	2.78E-04	3.39E-03	3.59E-04	3.81E-04	6.08E-05	7.12E-05	1.12E-05	2.06E-05	3.26E-06	4.87E-05	7.70E-06	1.16E-05	1.16E-05	2.16E-01	3.40E-02	4.76E-01	6.08E-02
527	Gridded	4.62E-05	3.89E-06	1.03E-05	8.79E-07	5.18E-04	4.52E-05	5.49E-04	4.68E-05	6.79E-04	5.81E-05	1.21E-05	1.07E-06	2.06E-03	1.80E-04	2.54E-03	2.15E-04	4.58E-03	4.13E-04	5.25E-04	4.56E-05	9.58E-05	8.45E-06	2.77E-05	2.45E-06	6.56E-05	5.78E-06	1.11E-05	1.11E-05	2.28E-01	2.59E-02	4.54E-01	4.30E-02
528	Gridded	3.03E-05	4.00E-06	6.20E-06	8.37E-07	3.97E-04	4.78E-05	3.99E-04	4.96E-05	4.09E-04	5.46E-05	9.51E-06	1.13E-06	1.59E-03	1.91E-04	1.64E-03	2.18E-04	3.16E-03	3.20E-04	3.98E-04	4.82E-05	7.53E-05	8.94E-06	2.18E-05	2.59E-06	5.15E-05	6.12E-06	8.87E-06	8.87E-06	1.83E-01	1.97E-02	3.63E-01	3.41E-02
529	Gridded	2.94E-05	5.38E-06	6.08E-06	1.11E-06	3.69E-04	6.49E-05	3.74E-04	6.71E-05	3.95E-04	7.25E-05	8.82E-06	1.53E-06	1.48E-03	2.59E-04	1.60E-03	2.92E-04	2.44E-03	3.26E-04	3.70E-04	6.54E-05	6.98E-05	1.21E-05	2.02E-05	3.51E-06	4.78E-05	8.30E-06	1.14E-05	1.14E-05	1.93E-01	2.20E-02	3.46E-01	4.31E-02
530	Gridded	3.65E-05	4.90E-06	7.82E-06	1.10E-06	4.28E-04	5.49E-05	4.47E-04	5.82E-05	5.12E-04	7.22E-05	1.01E-05	1.28E-06	1.70E-03	2.18E-04	2.00E-03	2.70E-04	3.12E-03	4.92E-04	4.32E-04	5.56E-05	7.96E-05	1.01E-05	2.31E-05	2.94E-06	5.45E-05	6.94E-06	1.36E-05	1.36E-05	1.69E-01	1.51E-02	3.00E-01	2.77E-02
531	Gridded	2.59E-05	2.20E-06	5.63E-06	5.53E-07	3.13E-04	2.52E-05	3.24E-04	2.65E-05	3.71E-04	3.74E-05	7.41E-06	5.90E-07	1.25E-03	1.00E-04	1.41E-03	1.21E-04	3.69E-03	4.21E-04	3.16E-04	2.55E-05	5.87E-05	4.67E-06	1.70E-05	1.35E-06	4.01E-05	3.20E-06	9.22E-06	9.22E-06	1.83E-01	1.34E-02	3.31E-01	2.35E-02
532	Gridded	3.35E-05	2.49E-06	7.33E-06	5.40E-07	3.83E-04	2.87E-05	4.03E-04	3.01E-05	4.82E-04	3.54E-05	8.96E-06	6.74E-07	1.52E-03	1.14E-04	1.83E-03	1.36E-04	3.00E-03	2.10E-04	3.87E-04	2.90E-05	7.09E-05	5.33E-06	2.05E-05	1.54E-06	4.85E-05	3.65E-06	6.24E-06	6.24E-06	1.48E-01	1.23E-02	3.12E-01	2.11E-02
533	Gridded	3.28E-05	2.55E-06	7.12E-06	5.71E-07	3.79E-04	2.86E-05	3.98E-04	3.03E-05	4.67E-04	3.76E-05	8.89E-06	6.67E-07	1.51E-03	1.14E-04	1.80E-03	1.40E-04	2.93E-03	2.56E-04	3.83E-04	2.90E-05	7.04E-05	5.28E-06	2.04E-05	1.53E-06	4.82E-05	3.62E-06	7.06E-06	7.06E-06	1.57E-01	1.37E-02	3.12E-01	2.26E-02
534	Gridded	2.80E-05	2.55E-06	5.88E-06	5.60E-07	3.33E-04	2.91E-05	3.45E-04	3.07E-05	3.84E-04	3.68E-05	7.84E-06	6.82E-07	1.32E-03	1.16E-04	1.52E-03	1.40E-04	2.75E-03	2.30E-04	3.35E-04	2.95E-05	6.21E-05	5.40E-06	1.80E-05	1.56E-06	4.25E-05	3.69E-06	6.64E-06	6.64E-06	1.71E-01	1.32E-02	3.08E-01	2.39E-02
535	Gridded	3.15E-05	2.93E-06	6.72E-06	6.26E-07	4.00E-04	3.43E-05	4.07E-04	3.58E-05	4.42E-04	4.09E-05	9.54E-06	8.08E-07	1.60E-03	1.37E-04	1.70E-03	1.60E-04	2.81E-03	2.63E-04	4.02E-04	3.47E-05	7.55E-05	6.40E-06	2.19E-05	1.85E-06	5.17E-05	4.38E-06	7.45E-06	7.45E-06	1.69E-01	1.76E-02	3.22E-01	3.10E-02
536	Gridded	3.48E-05	2.84E-06	6.83E-06	6.26E-07	4.38E-04	3.34E-05	4.46E-04	3.48E-05	4.40E-04	4.12E-05	1.04E-05	7.85E-07	1.75E-03	1.33E-04	1.87E-03	1.55E-04	2.67E-03	2.72E-04	4.40E-04	3.37E-05	8.26E-05	6.22E-06	2.39E-05	1.80E-06	5.65E-05	4.25E-06	7.62E-06	7.62E-06	1.46E-01	1.85E-02	2.70E-01	3.34E-02
537	Gridded	3.28E-05	3.14E-06	6.53E-06	6.74E-07	4.09E-04	3.67E-05	4.18E-04	3.84E-05	4.22E-04	4.41E-05	9.71E-06	8.63E-07	1.63E-03	1.46E-04	1.77E-03	1.72E-04	2.42E-03	2.45E-04	4.11E-04	3.71E-05	7.69E-05	6.84E-06	2.23E-05	1.98E-06	5.26E-05	4.68E-06	7.55E-06	7.55E-06	1.44E-01	1.68E-02	2.66E-01	2.95E-02
538	Gridded	2.38E-05	2.33E-06	4.97E-06	5.11E-07	2.85E-04	2.66E-05	2.95E-04	2.80E-05	3.24E-04	3.36E-05	6.72E-06	6.22E-07	1.13E-03	1.06E-04	1.29E-03	1.28E-04	2.10E-03	2.11E-04	2.87E-04	2.69E-05	5.32E-05	4.93E-06	1.54E-05	1.43E-06	3.64E-05	3.37E-06	6.07E-06	6.07E-06	1.07E-01	1.47E-02	3.72E-01	3.15E-02
539	Gridded	1.79E-05	1.80E-06	3.93E-06	3.88E-07	2.05E-04	2.14E-05	2.16E-04	2.22E-05	2.58E-04	2.55E-05	4.80E-06	5.04E-07	8.15E-04	8.51E-05	9.83E-04	9.79E-05	1.94E-03	2.03E-04	2.07E-04	2.15E-05	3.80E-05	3.99E-06	1.10E-05	1.15E-06	2.60E-05	2.73E-06	5.15E-06	5.15E-06	1.13E-01	1.23E-02	3.95E-01	3.35E-02
540	Gridded	1.80E-05	2.72E-06	3.96E-06	6.00E-07	2.05E-04	3.09E-05	2.16E-04	3.26E-05	2.60E-04	3.95E-05	4.81E-06	7.23E-07	8.17E-04	1.23E-04	9.88E-04	1.49E-04	1.77E-03	2.54E-04	2.08E-04	3.13E-05	3.81E-05	5.72E-06	1.10E-05	1.66E-06	2.61E-05	3.92E-06	7.21E-06	7.21E-06	1.08E-01	1.30E-02	4.06E-01	3.24E-02
541	Gridded	1.87E-05	2.39E-06	4.01E-06	5.37E-07	2.19E-04	2.65E-05	2.29E-04	2.82E-05	2.63E-04	3.54E-05	5.15E-06	6.18E-07	8.71E-04	1.05E-04	1.02E-03	1.31E-04	2.14E-03	2.48E-04	2.21E-04	2.69E-05	4.07E-05	4.90E-06	1.18E-05	1.42E-06	2.79E-05	3.35E-06	6.75E-06	6.75E-06	1.09E-01	1.33E-02	2.71E-01	2.86E-02
542	Gridded	1.73E-05	1.90E-06	3.78E-06	4.08E-07	1.99E-04	2.21E-05	2.10E-04	2.31E-05	2.48E-04	2.67E-05	4.68E-06	5.19E-07	7.93E-04	8.79E-05	9.50E-04	1.04E-04	1.84E-03	1.64E-04	2.02E-04	2.23E-05	3.70E-05	4.11E-06	1.07E-05	1.19E-06	2.53E-05	2.81E-06	4.61E-06	4.61E-06	1.09E-01	1.37E-02	2.93E-01	3.05E-02
543	Gridded	2.09E-05	2.22E-06	4.51E-06	4.85E-07	2.43E-04	2.54E-05	2.55E-04	2.67E-05	2.95E-04	3.18E-05	5.72E-06	5.95E-07	9.69E-04	1.01E-04	1.14E-03	1.21E-04	1.93E-03	1.97E-04	2.46E-04	2.57E-05	4.53E-05	4.71E-06	1.31E-05	1.36E-06	3.10E-05	3.22E-06	5.71E-06	5.71E-06	1.10E-01	1.51E-02	4.11E-01	3.81E-02
544	Gridded	2.15E-05	2.19E-06	4.36E-06	4.77E-07	2.65E-04	2.52E-05	2.72E-04	2.64E-05	2.82E-04	3.13E-05	6.27E-06	5.90E-07	1.06E-03	1.00E-04	1.17E-03	1.20E-04	1.98E-03	2.12E-04	2.66E-04	2.54E-05	4.97E-05	4.67E-06	1.44E-05	1.35E-06	3.40E-05	3.19E-06	5.67E-06	5.67E-06	1.37E-01	1.75E-02	4.90E-01	3.94E-02
545	Gridded	2.24E-05	2.71E-06	4.49E-06	5.98E-07	2.78E-04	3.07E-05	2.85E-04	3.24E-05	2.91E-04	3.94E-05	6.61E-06	7.17E-07	1.11E-03	1.22E-04	1.21E-03	1.49E-04	1.95E-03	2.55E-04	2.80E-04	3.10E-05	5.23E-05	5.68E-06	1.51E-05	1.64E-06	3.58E-05	3.88E-06	7.22E-06	7.22E-06	1.95E-01	1.81E-02	3.53E-01	2.83E-02
546	Gridded	2.05E-05	2.66E-06	4.49E-06	5.96E-07	2.61E-04	2.98E-05	2.64E-04	3.16E-05	2.95E-04	3.93E-05	6.23E-06	6.95E-07	1.04E-03	1.18E-04	1.12E-03	1.47E-04	2.11E-03	2.69E-04	2.62E-04	3.02E-05	4.93E-05	5.51E-06	1.43E-05	1.59E-06	3.38E-05	3.77E-06	7.40E-06	7.40E-06	1.71E-01	1.39E-02	2.20E-01	2.21E-02
547	Gridded	2.57E-05	3.08E-06	5.07E-06	5.96E-07	3.23E-04	3.95E-05	3.29E-04	4.00E-05	3.27E-04	3.83E-05	7.68E-06	9.41E-07	1.29E-03	1.58E-04	1.39E-03	1.66E-04	2.03E-03	2.35E-04	3.24E-04	3.96E-05	6.08E-05	7.45E-06	1.76E-05	2.16E-06	4.16E-05	5.10E-06	6.29E-06	6.29E-06	1.43E-01	1.72E-02	2.66E-01	3.40E-02
548	Gridded	3.24E-05	3.95E-06	6.12E-06	7.47E-07	4.32E-04	5.14E-05	4.32E-04	5.18E-05	3.99E-04	4.78E-05	1.04E-05	1.23E-06	1.73E-03	2.05E-04	1.73E-03	2.12E-04	2.10E-03	2.02E-04	4.32E-04	5.15E-05	8.21E-05	9.73E-06	2.38E-05	2.82E-06	5.62E-05	6.66E-06	5.52E-06	5.52E-06	1.28E-01	1.69E-02	3.05E-01	3.39E-02
549	Gridded	3.47E-05	3.32E-06	6.34E-06	6.31E-07	4.63E-04	4.30E-05	4.63E-04	4.34E-05	4.03E-04	4.04E-05	1.11E-05	1.03E-06	1.85E-03	1.72E-04	1.85E-03	1.78E-04	2.01E-03	2.08E-04	4.63E-04	4.31E-05	8.80E-05	8.14E-06	2.55E-05	2.36E-06	6.02E-05	5.57E-06	6.52E-06	6.52E-06	1.49E-01	1.66E-02	2.64E-01	2.83E-02
550	Gridded	3.17E-05	3.45E-06	6.83E-06	7.60E-07	3.69E-04	3.93E-05	3.86E-04	4.14E-05	4.48E-04	5.00E-05	8.68E-06	9.20E-07	1.47E-03	1.56E-04	1.74E-03	1.89E-04	2.54E-03	3.17E-04	3.73E-04	3.98E-05	6.87E-05	7.28E-06	1.99E-05	2.11E-06	4.70E-05	4.98E-06	9.08E-06	9.08E-06	1.51E-01	1.90E-02	2.52E-01	2.97E-02
551	Gridded	2.95E-05	3.40E-06	6.51E-06	7.28E-07	3.35E-04	3.98E-05	3.54E-04	4.16E-05	4.28E-04	4.77E-05	7.84E-06	9.36E-07	1.33E-03	1.58E-04	1.62E-03	1.86E-04	2.75E-03	2.79E-04	3.39E-04	4.02E-05	6.21E-05	7.41E-06	1.80E-05	2.14E-06	4.25E-05	5.07E-06	8.13E-06	8.13E-06	1.64E-01	2.12E-02	2.73E-01	3.31E-02
552	Gridded	2.58E-05	4.30E-06	5.65E-06	9.38E-07	2.94E-04	4.95E-05	3.10E-04	5.20E-05	3.71E-04	6.16E-05	6.90E-06	1.16E-06	1.17E-03	1.97E-04	1.41E-03	2.36E-04	2.35E-03	3.73E-04	2.98E-04	5.00E-05	5.46E-05	9.18E-06	1.58E-05	2.66E-06	3.73E-05	6.28E-06	1.10E-05	1.10E-05	1.46E-01	2.47E-02	2.59E-01	3.58E-02
553	Gridded	2.82E-05	3.83E-06	5.16E-06	8.50E-07	3.76E-04	4.32E-05	3.76E-04	4.57E-05	3.36E-04	5.60E-05	9.01E-06	1.01E-06	1.50E-03	1.72E-04	1.51E-03	2.10E-04	2.26E-03	3.69E-04	3.76E-04	4.38E-05	7.14E-05	8.00E-06	2.07E-05	2.31E-06	4.88E-05	5.47E-06	1.04E-05	1.04E-05	1.40E-01	2.33E-02	2.74E-01	3.43E-02

Scenario 1 Results

554	Gridded	2.99E-05	3.52E-06	5.47E-06	7.37E-07	3.98E-04	4.21E-05	3.98E-04	4.36E-05	3.47E-04	4.80E-05	9.54E-06	9.93E-07	1.59E-03	1.68E-04	1.59E-03	1.92E-04	2.29E-03	2.73E-04	3.98E-04	4.24E-05	7.55E-05	7.86E-06	2.19E-05	2.28E-06	5.17E-05	5.38E-06	7.75E-06	7.75E-06	1.44E-01	2.40E-02	3.90E-01	3.89E-02
555	Gridded	3.17E-05	4.39E-06	5.86E-06	9.42E-07	4.20E-04	5.13E-05	4.21E-04	5.36E-05	3.73E-04	6.17E-05	1.01E-05	1.20E-06	1.68E-03	2.04E-04	1.70E-03	2.40E-04	3.91E-03	3.44E-04	4.20E-04	5.18E-05	7.96E-05	9.54E-06	2.31E-05	2.76E-06	5.45E-05	6.53E-06	1.06E-05	1.06E-05	1.58E-01	3.10E-02	4.05E-01	4.86E-02
556	Gridded	2.36E-05	5.42E-06	5.05E-06	1.15E-06	2.75E-04	6.39E-05	2.87E-04	6.65E-05	3.31E-04	7.52E-05	6.47E-06	1.50E-06	1.10E-03	2.54E-04	1.29E-03	2.96E-04	3.51E-03	3.96E-04	2.78E-04	6.45E-05	5.12E-05	1.19E-05	1.48E-05	3.45E-06	3.50E-05	8.15E-06	1.26E-05	1.26E-05	1.83E-01	4.02E-02	3.05E-01	5.38E-02
557	Gridded	3.00E-05	7.00E-06	6.44E-06	1.50E-06	3.51E-04	8.16E-05	3.66E-04	8.53E-05	4.22E-04	9.84E-05	8.24E-06	1.92E-06	1.40E-03	3.25E-04	1.64E-03	3.82E-04	2.43E-03	5.51E-04	3.54E-04	8.24E-05	6.52E-05	1.52E-05	1.89E-05	4.40E-06	4.46E-05	1.04E-05	1.69E-05	1.69E-05	1.87E-01	4.05E-02	3.07E-01	5.36E-02
558	Gridded	2.95E-05	7.02E-06	6.56E-06	1.54E-06	3.33E-04	8.03E-05	3.52E-04	8.45E-05	4.32E-04	1.01E-04	7.77E-06	1.88E-06	1.32E-03	3.19E-04	1.62E-03	3.85E-04	2.87E-03	6.28E-04	3.37E-04	8.12E-05	6.15E-05	1.49E-05	1.78E-05	4.31E-06	4.21E-05	1.02E-05	1.82E-05	1.82E-05	1.51E-01	3.26E-02	2.67E-01	4.33E-02
559	Gridded	2.50E-05	5.46E-06	5.57E-06	1.22E-06	2.80E-04	6.11E-05	2.97E-04	6.48E-05	3.67E-04	8.06E-05	6.53E-06	1.43E-06	1.11E-03	2.43E-04	1.37E-03	3.01E-04	2.61E-03	5.51E-04	2.84E-04	6.19E-05	5.17E-05	1.13E-05	1.50E-05	3.27E-06	3.54E-05	7.73E-06	1.52E-05	1.52E-05	1.21E-01	2.79E-02	2.30E-01	4.78E-02
560	Gridded	2.07E-05	3.74E-06	4.61E-06	8.12E-07	2.33E-04	4.32E-05	2.47E-04	4.53E-05	3.04E-04	5.33E-05	5.45E-06	1.01E-06	9.28E-04	1.72E-04	1.14E-03	2.05E-04	2.19E-03	3.87E-04	2.36E-04	4.37E-05	4.32E-05	8.03E-06	1.25E-05	2.32E-06	2.95E-05	5.49E-06	1.02E-05	1.02E-05	1.26E-01	3.31E-02	2.12E-01	5.76E-02
561	Gridded	2.07E-05	4.30E-06	4.38E-06	8.98E-07	2.46E-04	5.15E-05	2.56E-04	5.33E-05	2.86E-04	5.85E-05	5.80E-06	1.22E-06	9.80E-04	2.05E-04	1.13E-03	2.34E-04	2.02E-03	3.39E-04	2.48E-04	5.19E-05	4.59E-05	9.62E-06	1.33E-05	2.79E-06	3.14E-05	6.58E-06	1.01E-05	1.01E-05	1.29E-01	3.52E-02	2.23E-01	5.96E-02
562	Gridded	2.19E-05	4.27E-06	4.03E-06	9.35E-07	2.92E-04	4.88E-05	2.92E-04	5.14E-05	2.62E-04	6.14E-05	7.00E-06	1.14E-06	1.17E-03	1.94E-04	1.17E-03	2.34E-04	1.74E-03	3.81E-04	2.92E-04	4.94E-05	5.54E-05	9.06E-06	1.60E-05	2.62E-06	3.79E-05	6.20E-06	1.10E-05	1.10E-05	7.53E-02	1.66E-02	2.16E-01	2.99E-02
563	Gridded	2.11E-05	4.14E-06	4.67E-06	9.31E-07	2.71E-04	4.62E-05	2.72E-04	4.91E-05	3.07E-04	6.14E-05	6.51E-06	1.08E-06	1.09E-03	1.84E-04	1.16E-03	2.28E-04	2.01E-03	4.26E-04	2.72E-04	4.68E-05	5.15E-05	8.53E-06	1.49E-05	2.47E-06	3.52E-05	5.84E-06	1.16E-05	1.16E-05	7.81E-02	1.79E-02	1.63E-01	3.01E-02
564	Gridded	2.22E-05	3.29E-06	4.94E-06	7.59E-07	2.51E-04	3.56E-05	2.65E-04	3.82E-05	3.25E-04	5.03E-05	5.85E-06	8.37E-07	9.96E-04	1.42E-04	1.22E-03	1.82E-04	2.40E-03	3.88E-04	2.54E-04	3.61E-05	4.63E-05	6.62E-06	1.34E-05	1.92E-06	3.17E-05	4.53E-06	1.00E-05	1.00E-05	9.00E-02	2.13E-02	1.81E-01	3.74E-02
565	Gridded	2.21E-05	3.30E-06	4.96E-06	7.01E-07	2.84E-04	3.89E-05	2.86E-04	4.05E-05	3.27E-04	4.58E-05	6.78E-06	9.16E-07	1.13E-03	1.55E-04	1.22E-03	1.80E-04	2.55E-03	2.96E-04	2.84E-04	3.93E-05	5.37E-05	7.25E-06	1.55E-05	2.10E-06	3.67E-05	4.96E-06	7.95E-06	7.95E-06	9.56E-02	2.28E-02	1.83E-01	4.22E-02
566	Gridded	2.55E-05	3.20E-06	5.07E-06	7.02E-07	3.29E-04	3.66E-05	3.33E-04	3.86E-05	3.34E-04	4.62E-05	7.86E-06	8.58E-07	1.32E-03	1.46E-04	1.37E-03	1.76E-04	2.55E-03	2.87E-04	3.30E-04	3.71E-05	6.23E-05	6.79E-06	1.80E-05	1.97E-06	4.26E-05	4.65E-06	8.31E-06	8.31E-06	1.18E-01	2.12E-02	1.97E-01	4.02E-02
567	Gridded	2.44E-05	3.38E-06	4.71E-06	7.41E-07	3.13E-04	3.86E-05	3.17E-04	4.07E-05	3.02E-04	4.87E-05	7.46E-06	9.05E-07	1.25E-03	1.54E-04	1.31E-03	1.85E-04	2.47E-03	3.03E-04	3.13E-04	3.91E-05	5.90E-05	7.16E-06	1.71E-05	2.07E-06	4.04E-05	4.90E-06	8.77E-06	8.77E-06	1.13E-01	1.69E-02	1.91E-01	3.18E-02
568	Gridded	2.81E-05	3.45E-06	5.66E-06	7.60E-07	3.48E-04	3.92E-05	3.57E-04	4.13E-05	3.66E-04	5.00E-05	8.26E-06	9.17E-07	1.39E-03	1.56E-04	1.52E-03	1.89E-04	2.18E-03	3.20E-04	3.50E-04	3.97E-05	6.54E-05	7.26E-06	1.89E-05	2.10E-06	4.48E-05	4.97E-06	9.12E-06	9.12E-06	9.85E-02	1.77E-02	1.97E-01	2.95E-02
569	Gridded	2.65E-05	3.23E-06	5.41E-06	7.18E-07	3.23E-04	3.64E-05	3.32E-04	3.85E-05	3.52E-04	4.73E-05	7.64E-06	8.50E-07	1.29E-03	1.45E-04	1.44E-03	1.77E-04	2.29E-03	3.14E-04	3.25E-04	3.69E-05	6.05E-05	6.73E-06	1.75E-05	1.95E-06	4.14E-05	4.61E-06	8.77E-06	8.77E-06	1.17E-01	1.82E-02	1.93E-01	2.92E-02
570	Gridded	2.79E-05	2.74E-06	5.73E-06	6.17E-07	3.39E-04	3.05E-05	3.49E-04	3.24E-05	3.72E-04	4.07E-05	8.01E-06	7.10E-07	1.35E-03	1.21E-04	1.51E-03	1.51E-04	2.16E-03	2.87E-04	3.41E-04	3.09E-05	6.34E-05	5.62E-06	1.84E-05	1.63E-06	4.34E-05	3.85E-06	7.75E-06	7.75E-06	1.57E-01	1.84E-02	2.90E-01	3.45E-02
571	Gridded	4.66E-05	3.07E-06	9.90E-06	6.02E-07	5.48E-04	3.88E-05	5.71E-04	3.94E-05	6.47E-04	3.88E-05	1.29E-05	9.22E-07	2.18E-03	1.55E-04	2.54E-03	1.65E-04	3.43E-03	2.45E-04	5.53E-04	3.89E-05	1.02E-04	7.30E-06	2.96E-05	2.11E-06	6.99E-05	5.00E-06	6.20E-06	6.20E-06	1.82E-01	1.87E-02	3.35E-01	3.76E-02
572	Gridded	4.93E-05	3.08E-06	1.10E-05	6.12E-07	5.54E-04	3.84E-05	5.87E-04	3.92E-05	7.24E-04	3.95E-05	1.29E-05	9.13E-07	2.20E-03	1.53E-04	2.71E-03	1.66E-04	4.87E-03	2.51E-04	5.61E-04	3.86E-05	1.02E-04	7.23E-06	2.96E-05	2.09E-06	7.01E-05	4.94E-06	7.12E-06	7.12E-06	1.53E-01	1.80E-02	2.78E-01	3.24E-02
573	Gridded	3.26E-05	2.87E-06	7.75E-06	6.25E-07	3.40E-04	3.31E-05	3.70E-04	3.47E-05	5.16E-04	4.10E-05	8.05E-06	7.75E-07	1.35E-03	1.32E-04	1.81E-03	1.57E-04	4.41E-03	2.48E-04	3.47E-04	3.34E-05	6.38E-05	6.14E-06	1.85E-05	1.78E-06	4.36E-05	4.20E-06	7.26E-06	7.26E-06	1.35E-01	2.02E-02	2.74E-01	3.56E-02
574	Gridded	2.30E-05	3.04E-06	4.87E-06	6.68E-07	2.77E-04	3.46E-05	2.86E-04	3.65E-05	3.22E-04	4.39E-05	6.54E-06	8.11E-07	1.10E-03	1.38E-04	1.25E-03	1.67E-04	2.64E-03	2.77E-04	2.79E-04	3.50E-05	5.18E-05	6.42E-06	1.50E-05	1.86E-06	3.54E-05	4.39E-06	7.95E-06	7.95E-06	1.47E-01	2.62E-02	3.41E-01	4.47E-02
575	Gridded	2.83E-05	3.33E-06	5.89E-06	7.12E-07	3.40E-04	3.90E-05	3.52E-04	4.07E-05	3.84E-04	4.66E-05	8.02E-06	9.18E-07	1.35E-03	1.55E-04	1.54E-03	1.82E-04	3.05E-03	3.09E-04	3.42E-04	3.94E-05	6.35E-05	7.27E-06	1.84E-05	2.10E-06	4.34E-05	4.97E-06	8.41E-06	8.41E-06	2.31E-01	3.14E-02	4.28E-01	5.68E-02
576	Gridded	3.47E-05	3.24E-06	6.95E-06	7.02E-07	4.31E-04	4.18E-05	4.41E-04	4.23E-05	4.50E-04	4.61E-05	1.02E-05	9.99E-07	1.72E-03	1.67E-04	1.88E-03	1.77E-04	2.80E-03	2.78E-04	4.33E-04	4.19E-05	8.10E-05	7.91E-06	2.34E-05	2.29E-06	5.54E-05	5.41E-06	8.19E-06	8.19E-06	1.97E-01	3.13E-02	4.73E-01	6.17E-02
577	Gridded	3.64E-05	5.32E-06	7.94E-06	1.08E-06	4.25E-04	6.51E-05	4.40E-04	6.69E-05	5.22E-04	7.03E-05	1.00E-05	1.54E-06	1.69E-03	2.60E-04	1.99E-03	2.88E-04	3.37E-03	2.77E-04	4.29E-04	6.55E-05	7.95E-05	1.22E-05	2.30E-05	3.53E-06	5.44E-05	8.35E-06	1.05E-05	1.05E-05	2.11E-01	3.74E-02	4.71E-01	6.87E-02
578	Gridded	4.30E-05	4.42E-06	9.44E-06	9.75E-07	4.91E-04	5.02E-05	5.17E-04	5.30E-05	6.20E-04	6.42E-05	1.15E-05	1.17E-06	1.95E-03	2.00E-04	2.36E-03	2.43E-04	3.87E-03	4.12E-04	4.97E-04	5.08E-05	9.11E-05	9.30E-06	2.64E-05	2.69E-06	6.23E-05	6.36E-06	1.17E-05	1.17E-05	2.46E-01	3.22E-02	5.11E-01	5.55E-02
579	Gridded	3.55E-05	4.22E-06	8.12E-06	8.75E-07	3.88E-04	5.09E-05	4.15E-04	5.26E-05	5.38E-04	5.70E-05	9.01E-06	1.20E-06	1.54E-03	2.03E-04	1.96E-03	2.29E-04	4.02E-03	3.42E-04	3.94E-04	5.13E-05	7.13E-05	9.52E-06	2.07E-05	2.75E-06	4.88E-05	6.51E-06	8.96E-06	8.96E-06	1.68E-01	1.81E-02	3.35E-01	2.96E-02
580	Gridded	3.39E-05	5.04E-06	6.65E-06	1.04E-06	4.29E-04	6.07E-05	4.37E-04	6.28E-05	4.28E-04	6.79E-05	1.02E-05	1.44E-06	1.71E-03	2.42E-04	1.83E-03	2.74E-04	2.41E-03	3.05E-04	4.31E-04	6.12E-05	8.09E-05	1.14E-05	2.34E-05	3.29E-06	5.54E-05	7.78E-06	1.07E-05	1.07E-05	1.92E-01	2.32E-02	3.50E-01	4.36E-02
581	Gridded	3.92E-05	5.71E-06	8.03E-06	1.23E-06	4.78E-04	6.64E-05	4.92E-04	6.95E-05	5.21E-04	8.08E-05	1.13E-05	1.56E-06	1.90E-03	2.64E-04	2.13E-03	3.12E-04	3.08E-03	4.64E-04	4.81E-04	6.70E-05	8.95E-05	1.23E-05	2.59E-05	3.57E-06	6.13E-05	8.44E-06	1.40E-05	1.40E-05	1.77E-01	1.89E-02	3.46E-01	3.78E-02
582	Gridded	2.81E-05	3.01E-06	6.27E-06	7.64E-07	3.28E-04	3.00E-05	3.43E-04	3.26E-05	4.19E-04	5.14E-05	7.71E-06	7.00E-07	1.31E-03	1.19E-04	1.53E-03	1.69E-04	4.05E-03	5.22E-04	3.31E-04	3.03E-05	6.10E-05	5.54E-06	1.77E-05	1.60E-06	4.18E-05	3.79E-06	1.19E-05	1.19E-05	2.02E-01	1.61E-02	3.80E-01	2.88E-02
583	Gridded	3.77E-05	2.57E-06	8.14E-06	5.52E-07	4.38E-04	3.00E-05	4.59E-04	3.13E-05	5.33E-04	3.62E-05	1.03E-05	7.04E-07	1.74E-03	1.19E-04	2.06E-03	1.41E-04	3.06E-03	2.30E-04	4.43E-04	3.03E-05	8.15E-05	5.57E-06	2.36E-05	1.61E-06	5.58E-05	3.81E-06	6.23E-06	6.23E-06	1.74E-01	1.33E-02	3.78E-01	2.26E-02
584	Gridded	3.45E-05	2.67E-06	7.54E-06	5.96E-07	3.97E-04	2.99E-05	4.17E-04	3.17E-05	4.95E-04	3.92E-05	9.30E-06	6.99E-07	1.58E-03	1.19E-04	1.89E-03	1.47E-04	3.13E-03	2.65E-04	4.01E-04	3.03E-05	7.36E-05	5.54E-06	2.13E-05	1.60E-06	5.04E-05	3.79E-06	7.34E-06	7.34E-06	1.54E-01	1.45E-02	3.00E-01	2.37E-02
585	Gridded	2.86E-05	2.70E-06	6.12E-06	5.93E-07	3.39E-04	3.09E-05	3.52E-04	3.25E-05	4.02E-04	3.89E-05	7.99E-06	7.24E-07	1.35E-03	1.23E-04	1.56E-03	1.48E-04	2.73E-03	2.42E-04	3.42E-04	3.13E-05	6.33E-05	5.73E-06	1.83E-05	1.66E-06	4.33E-05	3.92E-06	7.01E-06	7.01E-06	1.70E-01	1.38E-02	3.09E-01	2.55E-02
586	Gridded	3.45E-05	3.13E-06	6.97E-06	6.67E-07	4.35E-04	3.67E-05	4.43E-04	3.83E-05	4.58E-04	4.36E-05	1.04E-05	8.63E-07	1.74E-03	1.46E-04	1.86E-03	1.71E-04	2.89E-03	2.77E-04	4.37E-04	3.70E-05	8.20E-05	6.83E-06	2.37E-05	1.98E-06	5.61E-05	4.67E-06	7.91E-06	7.91E-06	1.80E-01	1.94E-02	3.40E-01	3.44E-02
587	Gridded	3.65E-05	3.13E-06	7.19E-06	6.62E-07	4.58E-04	3.71E-05	4.67E-04	3.85E-05	4.63E-04	4.32E-05	1.09E-05	8.73E-07	1.83E-03	1.48E-04	1.97E-03	1.71E-04	2.89E-03	2.92E-04	4.60E-04	3.74E-05	8.64E-05	6.91E-06	2.50E-05	2.00E-06	5.91E-05	4.73E-06	8.04E-06	8.04E-06	1.50E-01	2.04E-02	2.93E-01	3.69E-02
588	Gridded	3.11E-05	3.07E-06	6.23E-06	6.61E-07	3.86E-04	3.58E-05	3.95E-04	3.74E-05	4.03E-04	4.33E-05	9.15E-06	8.41E-07	1.54E-03	1.42E-04	1.68E-03	1.68E-04	2.48E-03	2.50E-04	3.88E-04	3.61E-05	7.25E-05	6.65E-06	2.10E-05	1.93E-06	4.96E-05	4.55E-06	7.48E-06	7.48E-06	1.46E-01	1.77E-02	3.58E-01	3.08E-02
589	Gridded	2.28E-05	2.39E-06	4.83E-06	5.25E-07	2.73E-04	2.72E-05	2.80E-04	2.87E-05	3.16E-04	3.45E-05	6.45E-06	6.37E-07	1.09E-03	1.08E-04	1.24E-03	1.31E-04	2.16E-03	2.17E-04	2.74E-04	2.75E-05	5.11E-05	5.04E-06	1.48E-05	1.46E-06	3.50E-05	3.45E-06	6.24E-06	6.24E-06	1.15E-01	1.52E-02	3.82E-01	3.65E-02
590	Gridded	1.76E-05	2.16E-06	3.93E-06	4.61E-07	2.00E-04	2.54E-05	2.09E-04	2.64E-05	2.59E-04	3.01E-05	4.78E-06	5.97E-07	7.98E-04	1.01E-04	9.68E-04	1.18E-04	1.95E-03	2.23E-04	2.00E-04	2.56E-05	3.79E-05	4.72E-06	1.10E-05	1.37E-06	2.59E-05	3.23E-06	5.63E-06	5.63E-06	1.10E-01	1.38E-02	4.45E-01	3.62E-02
591	Gridded	1.73E-05	2.78E-06	3.70E-06	6.18E-07	2.08E-04	3.14E-05	2.15E-04	3.32E-05	2.44E-04	4.07E-05	4.92E-06	7.33E-07	8.30E-04	1.25E-04	9.39E-04	1.53E-04	1.99E-03	2.69E-04	2.10E-04	3.18E-05	3.90E-05	5.80E-06	1.13E-05	1.68E-06	2.67E-05	3.97E-06	7.54E-06	7.54E-06	1.03E-01	1.42E-02	3.41E-01	3.18E-02
592	Gridded	1.84E-05	2.20E-06	4.05E-06	4.95E-07	2.10E-04	2.44E-05	2.21E-04	2.60E-05	2.66E-04	3.27E-05	4.91E-06	5.69E-07	8.34E-04	9.70E-05	1.01E-03	1.21E-04	2.06E-03	2.29E-04	2.12E-04	2.47E-05	3.88E-05	4.50E-06	1.12E-05	1.30E-06	2.66E-05	3.08E-06	6.22E-06	6.22E-06	1.21E-01	1.47E-02	3.07E-01	2.92E-02
593	Gridded	1.73E-05	2.17E-06	3.81E-06	4.68E-07	2.03E-04	2.52E-05	2.12E-04	2.64E-05	2.51E-04	3.07E-05	4.79E-06	5.93E-07	8.10E-04	1.00E-04	9.47E-04	1.19E-04	2.07E-03	1.76E-04	2.05E-04	2.55E-05	3.79E-05	4.69E-06	1.10E-05	1.36E-06	2.59E-05	3.21E-06	5.32E-06	5.32E-06	1.04E-01	1.50E-02	3.06E-01	3.38E-02
594	Gridded	2.18E-05	2.25E-06	4.49E-06	4.99E-07	2.63E-04	2.55E-05	2.72E-04	2.69E-05	2.93E-04	3.29E-05	6.22E-06	5.96E-07	1.05E-03	1.01E-04	1.18E-03	1.24E-04	1.82E-03	2.15E-04	2.65E-04	2.58E-05	4.93E-05	4.72E-06	1.43E-05	1.36E-06	3.37E-05	3.23E-06	6.05E-06	6.05E-06	1.36E-01	1.67E-02	5.08E-01	4.12E-02
595	Gridded	2.51E-05	2.66E-06	5.07E-06	5.83E-07	3.10E-04	3.04E-05	3.18E-04	3.20E-05	3.28E-04	3.83E-05	7.34E-06	7.13E-07	1.23E-03	1.21E-04	1.36E-03	1.46E-04	2.33E-03	2.38E-04	3.11E-04	3.08E-05	5.81E-05	5.64E-06	1.68E-05	1.63E-06	3.98E-05	3.86E-06	6.89E-06	6.89E-06	1.80E-01	1.91E-02	5.03E-01	3.77E-02
596	Gridded	2.53E-05	2.89E-06	5.06E-06	6.42E-07	3.14E-04	3.25E-05	3.21E-04	3.44E-05	3.27E-04	4.23E-05	7.45E-06	7.58E-07	1.25E-03	1.29E-04	1.37E-03	1.59E-04	2.20E-03	2.83E-04	3.15E-04	3.29E-05	5.89E-05	6.00E-06	1.71E-05	1.74E-06	4.03E-05	4.11E-06	7.87E-06	7.87E-06	2.09E-01	1.74E-02	2.83E-01	2.51E-02
597	Gridded	2.19E-05	2.67E-06	4.83E-06	5.70E-07	2.73E-04	3.32E-05	2.78E-04	3.40E-05	3.19E-04	3.76E-05	6.51E-06	7.90E-07	1.09E-03	1.33E-04	1.18E-03	1.44E-04	2.22E-03	2.68E-04	2.73E-04	3.34E-05	5.15E-05	6.25E-06	1.49E-05	1.81E-06	3.52E-05	4.28E-06	7.22E-06	7.22E-06	1.40E-01	1.63E-02	2.81E-01	3.06E-02
598	Gridded	2.87E-05	3.61E-06	5.83E-06	6.90E-07	3.53E-04	4.65E-05	3.62E-04	4.70E-05	3.78E-04	4.42E-05	8.35E-06	1.11E-06	1.41E-03	1.86E-04	1.56E-03	1.94E-04	2.18E-03	2.13E-04	3.55E-04	4.67E-05	6.61E-05	8.80E-06	1.91E-05	2.55E-06	4.53E-05	6.02E-06	5.35E-06	5.35E-06	1.34E-01	1.83E-02	2.95E-01	3.65E-02
599	Gridded	3.63E-05	3.83E-06	6.64E-06	7.25E-07	4.84E-04	4.98E-05	4.84E-04	5.02E-05	4.21E-04	4.64E-05	1.16E-05	1.19E-06	1.94E-03	1.99E-04	1.94E-03	2.05E-04	2.25E-03	2.12E-04	4.84E-04	4.99E-05	9.20E-05	9.43E-06	2.66E-05	2.73E-06	6.30E-05	6.45E-06	6.28E-06	6.28E-06	1.46E-01	1.71E-02	2.95E-01	2.95E-02
600	Gridded	3.22E-05	3.55E-06	6.86E-06	7.75E-07	3.79E-04	4.08E-05	3.95E-04	4.29E-05	4.49E-04	5.09E-05	8.91E-06	9.57E-07	1.51E-03	1.62E-04	1.76E-03	1.95E-04	2.41E-03	3.09E-04	3.82E-04	4.13E-05	7.05E-05	7.58E-06	2.04E-05	2.19E-06	4.82E-05	5.18E-06	9.06E-06	9.06E-06	1.63E-01	2.00E-02	2.72E-01	3.19E-02
601	Gridded	3.71E-05	4.00E-06	8.14E-06	8.56E-07	4.25E-04	4.68E-05	4.47E-04	4.89E-05	5.35E-04	5.60E-05	9.95E-06	1.10E-06	1.69E-03	1.86E-04	2.04E-03	2.18E-04	3.33E-03	3.57E-04	4.30E-04	4.72E-05	7.87E-05	8.71E-06	2.28E-05	2.52E-06	5.39E-05	5.96E-06	9.90E-06	9.90E-06	1.96E-01	2.47E-02	3.27E-01	3.94E-02
602	Gridded	2.51E-05	4.38E-06	5.54E-06	9.52E-07	2.85E-04	5.06E-05	3.01E-04	5.31E-05	3.65E-04	6.25E-05	6.67E-06	1.19E-06	1.13E-03	2.01E-04	1.38E-03	2.40E-04	2.34E-03	3.72E-04	2.89E-04	5.11E-05	5.28E-05	9.39E-06	1.53E-05	2.72E-06	3.61E-05	6.42E-06	1.10E-05	1.10E-05	1.56E-01	2.63E-02	2.56E-01	3.89E-02
603	Gridded	2.60E-05	3.82E-06	4.88E-06	8.45E-07	3.46E-04	4.32E-05	3.46E-04	4.57E-05	3.21E-04	5.56E-05	8.31E-06	1.01E-06	1.38E-03	1.72E-04	1.39E-03	2.10E-04	2.31E-03	3.61E-04	3.46E-04	4.38E-05	6.58E-05	8.00E-06	1.90E-05	2.32E-06	4.50E-05	5.48E-06	1.02E-05	1.02E-05	1.47E-01	2.47E-02	2.31E-01	3.68E-02
604	Gridded	3.13E-05	3.56E-06	5.73E-06	7.44E-07	4.17E-04	4.25E-05	4.17E-04	4.41E-05	3.64E-04	4.85E-05	1.00E-05	1.00E-06	1.67E-03	1.69E-04	1.67E-03	1.94E-04	2.04E-03	2.73E-04	4.17E-04	4.28E-05	7.92E-05	7.94E-06	2.29E-05	2.30E-06	5.42E-05	5.43E-06	7.82E-06	7.82E-06	1.28E-01	2.55E-02	2.88E-01	4.16E-02
605	Gridded	2.90E-05	3.90E-06	5.30E-06	8.30E-07	3.86E-04	4.58E-05	3.86E-04	4.77E-05	3.37E-04	5.42E-05	9.26E-06	1.08E-06	1.54E-03	1.82E-04	1.55E-03	2.13E-04	2.01E-03	2.91E-04	3.86E-04	4.62E-05	7.33E-05	8.53E-06	2.12E-05	2.47E-06	5.01E-05	5.84E-06	9.14E-06	9.14E-06	1.64E-01	3.23E-02	4.60E-01	4.39E-02
606	Gridded	2.24E-05	5.61E-06	4.81E-06	1.19E-06	2.94E-04	6.64E-05	2.95E-04	6.90E-05	3.15E-04	7.74E-05	7.06E-06	1.56E-06	1.18E-03	2.64E-04	1.22E-03	3.06E-04	4.36E-03	3.97E-04	2.94E-04	6.70E-05	5.59E-05	1.24E-05	1.62E-05	3.58E-06	3.83E-05	8.47E-06	1.28E-05	1.28E-05	2.11E-01	4.33E-02	3.90E-01	5.77E-02
607	Gridded	3.39E-05	7.40E-06	7.26E-06	1.59E-06	3.96E-04	8.64E-05	4.13E-04	9.03E-05	4.75E-04	1.04E-04	9.30E-06	2.03E-06	1.57E-03	3.44E-04	1.85E-03	4.05E-04	4.47E-03	5.83E-04	4.00E-04	8.72E-05	7.36E-05	1.61E-05	2.13E-05	4.65E-06	5.04E-05	1.10E-05	1.79E-05	1.79E-05	1.97E-01	4.21E-02	3.21E-01	5.54E-02
608	Gridded	3.15E-05	7.34E-06	7.05E-06	1.62E-06	3.53E-04	8.35E-05	3.74E-04	8.80E-05	4.64E-04	1.06E-04	8.24E-06	1.95E-06	1.40E-03	3.32E-04	1.73E-03	4.03E-04	3.16E-03	6.77E-04	3.58E-04	8.45E-05	6.52E-05	1.55E-05	1.89E-05	4.48E-06	4.46E-05	1.06E-05	1.93E-05	1.93E-05	1.65E-01	3.24E-02	2.62E-01	4.65E-02
609	Gridded	2.65E-05	5.29E-06	5.96E-06	1.19E-06	2.95E-04	5.86E-05	3.14E-04	6.24E-05	3.93E-04	7.88E-05	6.88E-06	1.37E-06	1.17E-03	2.33E-04	1.46E-03	2.91E-04	2.73E-03	5.59E-04	2.99E-04	5.95E-05	5.45E-05	1.08E-05	1.58E-05	3.13E-06	3.73E-05	7.40E-06	1.51E-05	1.51E-05	1.34E-01	3.45E-02	2.53E-01	6.00E-02
610	Gridded	1.99E-05	4.18E-06	4.19E-06	9.06E-07	2.40E-04	4.93E-05	2.48E-04	5.11E-05	2.77E-04	5.94E-05	5.66E-06	1.16E-06	9.55E-04	1.97E-04	1.08E-03	2.29E-04	2.20E-03	3.50E-04	2.41E-04	4.97E-05	4.48E-05	9.22E-06	1.30E-05	2.67E-06	3.07E-05	6.31E-06	1.04E-05	1.04E-05	1.39E-01	3.74E-02	2.29E-01	6.43E-02
611	Gridded	2.01E-05	4.44E-06	4.28E-06	9.34E-07	2.36E-04	5.28E-05	2.46E-04	5.49E-05	2.80E-04	6.09E-05	5.55E-06	1.25E-06	9.39E-04	2.10E-04	1.10E-03	2.42E-04	1.79E-03	3.45E-04	2.38E-04	5.33E-05	4.39E-05	9.86E-06	1.27E-05	2.86E-06	3.01E-05	6.75E-06	1.02E-05	1.02E-05	1.34E-01	3.99E-02	2.54E-01	6.94E-02
612	Gridded	2.19E-05	5.16E-06	4.56E-06	1.10E-06	2.64E-04	6.05E-05	2.73E-04	6.31E-05	2.97E-04	7.23E-05	6.23E-06	1.42E-06	1.05E-03	2.41E-04	1.19E-03	2.82E-04	1.86E-03	4.20E-04	2.66E-04	6.10E-05	4.93E-05	1.13E-05	1.43E-05	3.26E-06	3.38E-05	7.71E-06	1.25E-05	1.25E-05	1.76E-01	5.49E-02	3.30E-01	9.36E-02
613	Gridded	2.00E-05	3.44E-06	4.46E-06	7.33E-07	2.32E-04	4.05E-05	2.37E-04	4.22E-05	2.94E-04	4.80E-05	5.56E-06	9.53E-07	9.27E-04	1.61E-04	1.10E-03	1.88E-04	1.99E-03	2.57E-04	2.32E-04	4.09E-05	4.41E-05	7.54E-06	1.28E-05	2.18E-06	3.01E-05	5.16E-06	8.08E-06	8.08E-06	7.45E-02	1.58E-02	2.22E-01	2.83E-02
614	Gridded	2.19E-05	4.22E-06	4.14E-06	9.14E-07	2.92E-04	4.88E-05	2.92E-04	5.12E-05	2.73E-04	5.99E-05	7.01E-06	1.15E-06	1.17E-03	1.94E-04	1.17E-03	2.31E-04	1.86E-03	3.51E-04	2.92E-04	4.94E-05	5.55E-05	9.08E-06	1.61E-05	2.63E-06	3.80E-05	6.21E-06	1.05E-05	1.05E-05	7.40E-02	1.74E-02	1.81E-01	3.15E-02
615	Gridded	2.61E-05	4.37E-06	5.34E-06	9.68E-07	3.18E-04	4.94E-05	3.27E-04	5.22E-05	3.47E-04	6.37E-05	7.52E-06	1.15E-06	1.27E-03	1.96E-04	1.42E-03	2.40E-04	1.93E-03	4.17E-04	3.20E-04	5.00E-05	5.96E-05	9.14E-06	1.72E-05	2.65E-06	4.07E-05	6.25E-06	1.17E-05	1.17E-05	8.39E-02	1.78E-02	1.77E-01	3.26E-02
616	Gridded	2.71E-05	3.75E-06	5.80E-06	8.55E-07	3.17E-04	4.12E-05	3.31E-04	4.40E-05	3.79E-04	5.65E-05	7.45E-06	9.58E-07	1.26E-03	1.64E-04	1.48E-03	2.07E-04	2.42E-03	4.16E-04	3.20E-04	4.18E-05	5.90E-05	7.58E-06	1.71E-05	2.20E-06	4.04E-05	5.19E-06	1.10E-05	1.10E-05	9.28E-02	2.18E-02	1.82E-01	3.75E-02
617	Gridded	2.16E-05	3.28E-06	4.75E-06	6.86E-07	2.82E-04	3.92E-05	2.84E-04	4.06E-05	3.15E-04	4.52E-05	6.75E-06	9.24E-07	1.13E-03	1.56E-04	1.17E-03	1.78E-04	2.40E-03	3.46E-04	2.83E-04	3.95E-05	5.35E-05	7.31E-06	1.55E-05	2.12E-06	3.66E-05	5.00E-06	8.70E-06	8.70E-06	9.71E-02	2.42E-02	1.92E-01	4.43E-02
618	Gridded	2.40E-05	3.44E-06	5.19E-06	7.40E-07	2.87E-04	3.99E-05	2.92E-04	4.18E-05	3.40E-04	4.85E-05	6.87E-06	9.38E-07	1.15E-03	1.59E-04	1.32E-03	1.88E-04	2.51E-03	2.86E-04	2.88E-04	4.04E-05	5.44E-05	7.43E-06	1.57E-05	2.15E-06	3.72E-05	5.08E-06	8.40E-06	8.40E-06	1.24E-01	2.34E-02	2.07E-01	4.47E-02
619	Gridded	2.16E-05	3.40E-06	4.90E-06	7.45E-07	2.72E-04	3.90E-05	2.77E-04	4.10E-05	3.24E-04	4.89E-05	6.47E-06	9.13E-07	1.09E-03	1.55E-04	1.18E-03	1.87E-04	2.42E-03	3.05E-04	2.73E-04	3.94E-05	5.12E-05	7.22E-06	1.48E-05	2.09E-06	3.51E-05	4.94E-06	8.78E-06	8.78E-06	1.21E-01	1.91E-02	2.03E-01	3.68E-02
620	Gridded	2.86E-05	3.59E-06	5.75E-06	7.92E-07	3.54E-04	4.09E-05	3.63E-04	4.31E-05	3.72E-04	5.21E-05	8.41E-06	9.57E-07	1.41E-03	1.63E-04	1.55E-03	1.97E-04	2.32E-03	3.32E-04	3.56E-04	4.14E-05	6.66E-05	7.58E-06	1.93E-05	2.19E-06	4.56E-05	5.18E-06	9.47E-06	9.47E-06	1.03E-01	1.89E-02	2.06E-01	3.19E-02
621	Gridded	2.88E-05	3.53E-06	5.90E-06	7.84E-07	3.49E-04	3.99E-05	3.60E-04	4.22E-05	3.84E-04	5.16E-05	8.27E-06	9.32E-07	1.39E-03	1.59E-04	1.56E-03	1.94E-04	2.40E-03	3.40E-04	3.52E-04	4.04E-05	6.55E-05	7.38E-06	1.89E-05	2.14E-06	4.48E-05	5.05E-06	9.54E-06	9.54E-06	1.23E-01	1.98E-02	2.08E-01	3.17E-02
622	Gridded	2.79E-05	3.02E-06	5.71E-06	6.78E-07	3.40E-04	3.36E-05	3.50E-04	3.57E-05	3.71E-04	4.47E-05	8.05E-06	7.84E-07	1.36E-03	1.34E-04	1.51E-03	1.66E-04	2.12E-03	3.11E-04	3.42E-04	3.41E-05	6.38E-05	6.20E-06	1.85E-05	1.80E-06	4.36E-05	4.24E-06	8.48E-06	8.48E-06	1.68E-01	1.98E-02	3.12E-01	3.46E-02
623	Gridded	4.85E-05	3.18E-06	1.03E-05	6.24E-07	5.73E-04	4.02E-05	5.96E-04	4.09E-05	6.71E-04	4.02E-05	1.35E-05	9.57E-07	2.28E-03	1.61E-04	2.64E-03	1.72E-04	3.48E-03	2.50E-04	5.78E-04	4.04E-05	1.07E-04	7.58E-06	3.09E-05	2.19E-06	7.31E-05	5.19E-06	6.24E-06	6.24E-06	1.97E-01	1.95E-02	3.69E-01	3.93E-02
624	Gridded	5.45E-05	3.29E-06	1.21E-05	6.60E-07	6.13E-04	4.08E-05	6.49E-04	4.18E-05	8.00E-04	4.27E-05	1.43E-05	9.69E-07	2.44E-03	1.63E-04	3.00E-03	1.78E-04	5.35E-03	2.68E-04	6.21E-04	4.10E-05	1.13E-04	7.67E-06	3.28E-05	2.22E-06	7.76E-05	5.25E-06	7.63E-06	7.63E-06	1.68E-01	1.99E-02	3.07E-01	3.69E-02
625	Gridded	3.59E-05	3.33E-06	8.57E-06	7.25E-07	3.87E-04	3.83E-05	4.07E-04	4.02E-05	5.70E-04	4.76E-05	9.17E-06	8.98E-07	1.54E-03	1.52E-04	2.00E-03	1.82E-04	4.91E-03	2.87E-04	3.89E-04	3.87E-05	7.26E-05	7.11E-06	2.10E-05	2.06E-06	4.96E-05	4.87E-06	8.44E-06	8.44E-06	1.49E-01	2.34E-02	2.99E-01	4.13E-02
626	Gridded	2.58E-05	3.55E-06	5.62E-06	7.81E-07	3.07E-04	4.04E-05	3.19E-04	4.26E-05	3.69E-04	5.13E-05	7.24E-06	9.46E-07	1.22E-03	1.61E-04	1.41E-03	1.95E-04	3.00E-03	3.26E-04	3.10E-04	4.09E-05	5.73E-05	7.49E-06	1.66E-05	2.17E-06	3.92E-05	5.12E-06	9.32E-06	9.32E-06	1.99E-01	3.12E-02	3.95E-01	5.37E-02
627	Gridded	2.98E-05	3.61E-06	6.25E-06	7.72E-07	3.63E-04	4.23E-05	3.74E-04	4.42E-05	4.12E-04	5.05E-05	8.58E-06	9.96E-07	1.45E-03	1.69E-04	1.62E-03	1.97E-04	3.15E-03	3.31E-04	3.65E-04	4.28E-05	6.79E-05	7.88E-06	1.97E-05	2.28E-06	4.65E-05	5.39E-06	8.83E-06	8.83E-06	2.44E-01	3.55E-02	4.85E-01	6.55E-02
628	Gridded	3.74E-05	4.68E-06	7.69E-06	9.20E-07	4.56E-04	5.89E-05	4.68E-04	6.00E-05	5.00E-04	5.93E-05	1.08E-05	1.40E-06	1.82E-03	2.35E-04	2.03E-03	2.52E-04	2.66E-03	2.71E-04	4.59E-04	5.92E-05	8.56E-05	1.11E-05	2.48E-05	3.21E-06	5.86E-05	7.60E-06	7.97E-06	7.97E-06	2.00E-01	3.86E-02	5.13E-01	7.46E-02
629	Gridded	3.51E-05	5.00E-06	7.52E-06	1.07E-06	4.10E-04	5.87E-05	4.29E-04	6.12E-05	4.92E-04	6.99E-05	9.65E-06	1.38E-06	1.63E-03	2.34E-04	1.92E-03	2.73E-04	3.46E-03	3.79E-04	4.14E-04	5.93E-05	7.64E-05	1.09E-05	2.21E-05	3.17E-06	5.23E-05	7.48E-06	1.18E-05	1.18E-05	2.45E-01	3.90E-02	5.22E-01	7.03E-02
630	Gridded	4.47E-05	4.21E-06	1.00E-05	8.69E-07	4.98E-04	5.09E-05	5.29E-04	5.26E-05	6.63E-04	5.65E-05	1.16E-05	1.20E-06	1.98E-03	2.03E-04	2.46E-03	2.29E-04	4.61E-03	3.76E-04	5.05E-04	5.13E-05	9.19E-05	9.53E-06	2.66E-05	2.76E-06	6.29E-05	6.52E-06	9.93E-06	9.93E-06	2.02E-01	2.32E-02	3.58E-01	3.62E-02
631	Gridded	3.43E-05	4.44E-06	6.49E-06	9.31E-07	4.46E-04	5.30E-05	4.49E-04	5.50E-05	4.15E-04	6.07E-05	1.07E-05	1.25E-06	1.78E-03	2.11E-04	1.84E-03	2.42E-04	2.75E-03	2.94E-04	4.46E-04	5.35E-05	8.43E-05	9.91E-06	2.44E-05	2.87E-06	5.77E-05	6.78E-06	9.81E-06	9.81E-06	1.81E-01	2.25E-02	3.35E-01	3.94E-02
632	Gridded	3.83E-05	6.19E-06	7.56E-06	1.30E-06	4.82E-04	7.37E-05	4.91E-04	7.65E-05	4.88E-04	8.47E-05	1.15E-05	1.74E-06	1.92E-03	2.94E-04	2.07E-03	3.37E-04	2.59E-03	4.16E-04	4.84E-04	7.43E-05	9.08E-05	1.38E-05	2.63E-05	3.98E-06	6.21E-05	9.42E-06	1.38E-05	1.38E-05	1.79E-01	2.35E-02	3.82E-01	4.68E-02
633	Gridded	3.24E-05	4.36E-06	7.64E-06	1.05E-06	3.61E-04	4.50E-05	3.73E-04	4.92E-05	5.08E-04	6.98E-05	8.52E-06	1.04E-06	1.44E-03	1.78E-04	1.80E-03	2.43E-04	4.23E-03	6.13E-04	3.63E-04	4.59E-05	6.75E-05	8.20E-06	1.95E-05	2.37E-06	4.62E-05	5.61E-06	1.49E-05	1.49E-05	2.11E-01	1.81E-02	4.06E-01	3.35E-02
634	Gridded	4.16E-05	2.61E-06	8.84E-06	5.56E-07	4.91E-04	3.07E-05	5.11E-04	3.20E-05	5.78E-04	3.63E-05	1.16E-05	7.24E-07	1.95E-03	1.22E-04	2.27E-03	1.43E-04	3.34E-03	3.30E-04	4.95E-04	3.10E-05	9.15E-05	5.73E-06	2.65E-05	1.66E-06	6.26E-05	3.92E-06	6.87E-06	6.87E-06	1.92E-01	1.57E-02	4.12E-01	2.76E-02
635	Gridded	3.89E-05	2.95E-06	8.43E-06	6.55E-07	4.49E-04	3.32E-05	4.71E-04	3.51E-05	5.53E-04	4.32E-05	1.05E-05	7.75E-07	1.79E-03	1.32E-04	2.13E-03	1.62E-04	3.67E-03	2.87E-04	4.54E-04	3.36E-05	8.35E-05	6.13E-06	2.42E-05	1.78E-06	5.71E-05	4.20E-06	8.02E-06	8.02E-06	1.62E-01	1.58E-02	3.19E-01	2.58E-02
636	Gridded	3.03E-05	2.94E-06	6.62E-06	6.43E-07	3.54E-04	3.36E-05	3.65E-04	3.54E-05	4.35E-04	4.23E-05	8.42E-06	7.87E-07	1.41E-03	1.34E-04	1.66E-03	1.61E-04	2.92E-03	2.62E-04	3.55E-04	3.40E-05	6.67E-05	6.23E-06	1.93E-05	1.80E-06	4.56E-05	4.26E-06	7.59E-06	7.59E-06	1.71E-01	1.49E-02	3.12E-01	2.72E-02
637	Gridded	3.42E-05	3.16E-06	6.87E-06	6.76E-07	4.30E-04	3.71E-05	4.38E-04	3.87E-05	4.52E-04	4.44E-05	1.02E-05	8.73E-07	1.72E-03	1.48E-04	1.84E-03	1.72E-04	2.88E-03	2.76E-04	4.32E-04	3.74E-05	8.11E-05	6.91E-06	2.35E-05	2.00E-06	5.55E-05	4.73E-06	7.99E-06	7.99E-06	1.84E-01	2.10E-02	3.46E-01	3.70E-02
638	Gridded	3.41E-05	3.21E-06	6.72E-06	6.74E-07	4.28E-04	3.82E-05	4.37E-04	3.96E-05	4.33E-04	4.40E-05	1.02E-05	9.00E-07	1.71E-03	1.52E-04	1.84E-03	1.75E-04	2.95E-03	2.91E-04	4.30E-04	3.85E-05	8.07E-05	7.13E-06	2.34E-05	2.06E-06	5.52E-05	4.88E-06	7.89E-06	7.89E-06	1.52E-01	2.16E-02	3.14E-01	3.91E-02
639	Gridded	2.81E-05	2.99E-06	6.07E-06	6.51E-07	3.46E-04	3.44E-05	3.55E-04	3.61E-05	3.99E-04	4.27E-05	8.21E-06	8.07E-07	1.38E-03	1.37E-04	1.52E-03	1.64E-04	2.59E-03	2.58E-04	3.48E-04	3.48E-05	6.50E-05	6.39E-06	1.88E-05	1.85E-06	4.45E-05	4.37E-06	7.58E-06	7.58E-06	1.42E-01	1.82E-02	4.23E-01	3.53E-02
640	Gridded	2.25E-05	2.43E-06	4.83E-06	5.34E-07	2.66E-04	2.76E-05	2.75E-04	2.91E-05	3.16E-04	3.51E-05	6.29E-06	6.47E-07	1.06E-03	1.10E-04	1.23E-03	1.33E-04	2.22E-03	2.23E-04	2.68E-04	2.80E-05	4.98E-05	5.12E-06	1.44E-05	1.48E-06	3.40E-05	3.50E-06	6.38E-06	6.38E-06	1.19E-01	1.55E-02	3.77E-01	4.19E-02
641	Gridded	1.87E-05	2.56E-06	3.98E-06	5.52E-07	2.28E-04	2.96E-05	2.30E-04	3.10E-05	2.60E-04	3.62E-05	5.48E-06	6.95E-07	9.14E-04	1.18E-04	1.02E-03	1.40E-04	2.07E-03	2.41E-04	2.29E-04	2.99E-05	4.34E-05	5.50E-06	1.26E-05	1.59E-06	2.97E-05	3.77E-06	6.32E-06	6.32E-06	1.13E-01	1.59E-02	4.65E-01	3.92E-02
642	Gridded	2.06E-05	2.93E-06	4.30E-06	6.54E-07	2.47E-04	3.28E-05	2.56E-04	3.48E-05	2.80E-04	4.31E-05	5.84E-06	7.66E-07	9.86E-04	1.30E-04	1.12E-03	1.61E-04	2.34E-03	2.92E-04	2.49E-04	3.33E-05	4.63E-05	6.07E-06	1.34E-05	1.76E-06	3.16E-05	4.15E-06	8.07E-06	8.07E-06	1.22E-01	1.66E-02	3.07E-01	3.36E-02
643	Gridded	1.97E-05	2.06E-06	4.22E-06	4.54E-07	2.30E-04	2.41E-05	2.40E-04	2.52E-05	2.76E-04	3.00E-05	5.40E-06	5.66E-07	9.15E-04	9.58E-05	1.08E-03	1.13E-04	1.93E-03	2.12E-04	2.32E-04	2.43E-05	4.28E-05	4.48E-06	1.24E-05	1.30E-06	2.93E-05	3.06E-06	5.74E-06	5.74E-06	1.33E-01	1.67E-02	3.61E-01	3.26E-02
644	Gridded	2.07E-05	2.45E-06	4.39E-06	5.32E-07	2.43E-04	2.83E-05	2.54E-04	2.97E-05	2.87E-04	3.49E-05	5.73E-06	6.63E-07	9.69E-04	1.13E-04	1.13E-03	1.34E-04	2.21E-03	2.08E-04	2.46E-04	2.86E-05	4.54E-05	5.25E-06	1.31E-05	1.52E-06	3.10E-05	3.59E-06	6.16E-06	6.16E-06	1.28E-01	1.69E-02	4.14E-01	3.91E-02
645	Gridded	2.58E-05	2.42E-06	5.30E-06	5.26E-07	3.13E-04	2.79E-05	3.22E-04	2.93E-05	3.44E-04	3.45E-05	7.40E-06	6.53E-07	1.25E-03	1.11E-04	1.40E-03	1.32E-04	2.27E-03	2.27E-04	3.15E-04	2.82E-05	5.86E-05	5.17E-06	1.70E-05	1.50E-06	4.01E-05	3.54E-06	6.12E-06	6.12E-06	1.55E-01	1.86E-02	5.87E-01	4.28E-02
646	Gridded	2.89E-05	3.03E-06	5.83E-06	6.69E-07	3.57E-04	3.44E-05	3.66E-04	3.63E-05	3.77E-04	4.40E-05	8.47E-06	8.04E-07	1.42E-03	1.37E-04	1.56E-03	1.66E-04	2.71E-03	2.84E-04	3.59E-04	3.48E-05	6.70E-05	6.37E-06	1.94E-05	1.84E-06	4.59E-05	4.36E-06	8.05E-06	8.05E-06	2.18E-01	1.96E-02	4.51E-01	3.25E-02
647	Gridded	2.77E-05	2.86E-06	5.55E-06	6.43E-07	3.43E-04	3.19E-05	3.51E-04	3.39E-05	3.59E-04	4.25E-05	8.15E-06	7.44E-07	1.37E-03	1.27E-04	1.50E-03	1.58E-04	2.32E-03	2.95E-04	3.45E-04	3.23E-05	6.45E-05	5.89E-06	1.87E-05	1.70E-06	4.41E-05	4.03E-06	8.05E-06	8.05E-06	1.92E-01	1.51E-02	2.51E-01	2.48E-02
648	Gridded	2.65E-05	3.37E-06	5.24E-06	6.58E-07	3.32E-04	4.27E-05	3.38E-04	4.34E-05	3.38E-04	4.23E-05	7.89E-06	1.02E-06	1.32E-03	1.71E-04	1.43E-03	1.81E-04	2.26E-03	2.41E-04	3.33E-04	4.29E-05	6.25E-05	8.06E-06	1.81E-05	2.33E-06	4.27E-05	5.51E-06	6.34E-06	6.34E-06	1.56E-01	1.95E-02	2.88E-01	3.82E-02

Scenario 1 Results

649	Gridded	3.38E-05	3.90E-06	6.17E-06	7.42E-07	4.50E-04	5.05E-05	4.50E-04	5.10E-05	3.92E-04	4.75E-05	1.08E-05	1.21E-06	1.80E-03	2.02E-04	1.80E-03	2.09E-04	2.47E-03	2.41E-04	4.50E-04	5.06E-05	8.56E-05	9.56E-06	2.48E-05	2.77E-06	5.85E-05	6.54E-06	6.06E-06	6.06E-06	1.34E-01	1.70E-02	3.30E-01	3.20E-02
650	Gridded	3.21E-05	3.64E-06	6.81E-06	7.88E-07	4.13E-04	4.21E-05	4.13E-04	4.41E-05	4.45E-04	5.17E-05	9.91E-06	9.88E-07	1.65E-03	1.67E-04	1.75E-03	1.99E-04	2.31E-03	3.03E-04	4.13E-04	4.25E-05	7.84E-05	7.82E-06	2.27E-05	2.26E-06	5.37E-05	5.35E-06	9.06E-06	9.06E-06	1.70E-01	2.10E-02	2.84E-01	3.40E-02
651	Gridded	3.43E-05	3.73E-06	7.41E-06	8.13E-07	3.98E-04	4.39E-05	4.17E-04	4.57E-05	4.86E-04	5.35E-05	9.35E-06	1.03E-06	1.58E-03	1.75E-04	1.88E-03	2.04E-04	2.80E-03	3.52E-04	4.02E-04	4.43E-05	7.40E-05	8.17E-06	2.14E-05	2.37E-06	5.06E-05	5.59E-06	9.89E-06	9.89E-06	1.98E-01	2.42E-02	3.31E-01	3.89E-02
652	Gridded	2.99E-05	5.16E-06	6.63E-06	1.12E-06	3.38E-04	5.95E-05	3.57E-04	6.25E-05	4.36E-04	7.36E-05	7.91E-06	1.40E-06	1.34E-03	2.37E-04	1.64E-03	2.83E-04	3.04E-03	4.40E-04	3.42E-04	6.02E-05	6.26E-05	1.11E-05	1.81E-05	3.20E-06	4.28E-05	7.56E-06	1.30E-05	1.30E-05	1.81E-01	3.08E-02	3.00E-01	4.49E-02
653	Gridded	2.34E-05	4.01E-06	5.08E-06	8.85E-07	3.02E-04	4.54E-05	3.02E-04	4.80E-05	3.33E-04	5.82E-05	7.24E-06	1.06E-06	1.21E-03	1.81E-04	1.28E-03	2.20E-04	2.43E-03	3.76E-04	3.02E-04	4.60E-05	5.73E-05	8.41E-06	1.66E-05	2.43E-06	3.92E-05	5.76E-06	1.07E-05	1.07E-05	1.64E-01	2.73E-02	2.51E-01	4.13E-02
654	Gridded	2.87E-05	3.73E-06	5.25E-06	7.81E-07	3.82E-04	4.46E-05	3.83E-04	4.62E-05	3.34E-04	5.09E-05	9.18E-06	1.05E-06	1.53E-03	1.78E-04	1.53E-03	2.03E-04	2.19E-03	2.69E-04	3.82E-04	4.50E-05	7.27E-05	8.33E-06	2.10E-05	2.41E-06	4.97E-05	5.70E-06	8.22E-06	8.22E-06	1.37E-01	2.74E-02	2.76E-01	4.51E-02
655	Gridded	2.88E-05	4.11E-06	5.28E-06	8.77E-07	3.84E-04	4.82E-05	3.84E-04	5.02E-05	3.35E-04	5.74E-05	9.21E-06	1.13E-06	1.54E-03	1.92E-04	1.54E-03	2.24E-04	1.92E-03	3.12E-04	3.84E-04	4.86E-05	7.29E-05	8.97E-06	2.11E-05	2.60E-06	4.99E-05	6.14E-06	9.73E-06	9.73E-06	1.54E-01	3.58E-02	3.41E-01	4.86E-02
656	Gridded	2.37E-05	5.54E-06	4.65E-06	1.17E-06	3.15E-04	6.58E-05	3.15E-04	6.83E-05	3.06E-04	7.63E-05	7.56E-06	1.55E-06	1.26E-03	2.62E-04	1.26E-03	3.02E-04	2.05E-03	3.85E-04	3.15E-04	6.63E-05	5.98E-05	1.23E-05	1.73E-05	3.55E-06	4.09E-05	8.40E-06	1.25E-05	1.25E-05	2.17E-01	4.36E-02	5.16E-01	5.82E-02
657	Gridded	3.35E-05	7.08E-06	7.15E-06	1.52E-06	3.92E-04	8.26E-05	4.09E-04	8.63E-05	4.68E-04	9.96E-05	9.22E-06	1.94E-06	1.56E-03	3.29E-04	1.83E-03	3.87E-04	4.63E-03	5.59E-04	3.96E-04	8.34E-05	7.30E-05	1.54E-05	2.11E-05	4.45E-06	4.99E-05	1.05E-05	1.71E-05	1.71E-05	1.89E-01	3.99E-02	3.89E-01	5.20E-02
658	Gridded	2.98E-05	6.68E-06	6.52E-06	1.48E-06	3.41E-04	7.57E-05	3.59E-04	7.99E-05	4.30E-04	9.71E-05	8.00E-06	1.77E-06	1.36E-03	3.01E-04	1.63E-03	3.67E-04	4.86E-03	6.30E-04	3.45E-04	7.66E-05	6.34E-05	1.40E-05	1.83E-05	4.06E-06	4.33E-05	9.58E-06	1.78E-05	1.78E-05	1.57E-01	3.24E-02	2.54E-01	5.32E-02
659	Gridded	2.73E-05	4.92E-06	6.18E-06	1.12E-06	3.03E-04	5.39E-05	3.22E-04	5.76E-05	4.08E-04	7.41E-05	7.05E-06	1.25E-06	1.20E-03	2.14E-04	1.51E-03	2.71E-04	2.91E-03	5.46E-04	3.07E-04	5.48E-05	5.58E-05	9.93E-06	1.62E-05	2.87E-06	3.82E-05	6.79E-06	1.45E-05	1.45E-05	1.53E-01	4.14E-02	2.61E-01	7.21E-02
660	Gridded	2.48E-05	5.52E-06	5.24E-06	1.16E-06	2.93E-04	6.57E-05	3.05E-04	6.82E-05	3.42E-04	7.58E-05	6.90E-06	1.55E-06	1.17E-03	2.62E-04	1.35E-03	3.01E-04	2.56E-03	4.39E-04	2.96E-04	6.62E-05	5.46E-05	1.23E-05	1.58E-05	3.55E-06	3.74E-05	8.39E-06	1.30E-05	1.30E-05	1.56E-01	4.32E-02	2.70E-01	7.61E-02
661	Gridded	2.08E-05	5.18E-06	4.46E-06	1.10E-06	2.53E-04	6.09E-05	2.60E-04	6.35E-05	2.93E-04	7.22E-05	5.99E-06	1.43E-06	1.01E-03	2.43E-04	1.13E-03	2.83E-04	1.87E-03	4.09E-04	2.55E-04	6.15E-05	4.74E-05	1.14E-05	1.37E-05	3.29E-06	3.24E-05	7.77E-06	1.24E-05	1.24E-05	1.74E-01	5.45E-02	3.26E-01	9.37E-02
662	Gridded	2.17E-05	6.45E-06	4.61E-06	1.34E-06	2.57E-04	7.74E-05	2.67E-04	8.01E-05	3.01E-04	8.76E-05	6.08E-06	1.83E-06	1.03E-03	3.08E-04	1.19E-03	3.51E-04	1.56E-03	4.44E-04	2.59E-04	7.80E-05	4.81E-05	1.45E-05	1.39E-05	4.19E-06	3.29E-05	9.90E-06	1.40E-05	1.40E-05	1.77E-01	5.93E-02	3.11E-01	9.72E-02
663	Gridded	4.08E-05	1.11E-05	8.79E-06	2.37E-06	4.75E-04	1.31E-04	4.97E-04	1.36E-04	5.76E-04	1.55E-04	1.12E-05	3.08E-06	1.89E-03	5.20E-04	2.23E-03	6.08E-04	3.27E-03	8.37E-04	4.80E-04	1.32E-04	8.84E-05	2.43E-05	2.56E-05	7.05E-06	6.05E-05	1.67E-05	2.62E-05	2.62E-05	2.09E-01	7.01E-02	3.62E-01	1.06E-01
664	Gridded	2.03E-05	2.74E-06	4.35E-06	6.16E-07	2.36E-04	3.05E-05	2.47E-04	3.24E-05	2.85E-04	4.06E-05	5.55E-06	7.11E-07	9.40E-04	1.21E-04	1.11E-03	1.51E-04	1.85E-03	2.83E-04	2.38E-04	3.09E-05	4.39E-05	5.63E-06	1.27E-05	1.63E-06	3.01E-05	3.85E-06	7.71E-06	7.71E-06	8.53E-02	1.57E-02	2.42E-01	2.83E-02
665	Gridded	1.96E-05	3.08E-06	4.32E-06	6.52E-07	2.45E-04	3.65E-05	2.51E-04	3.80E-05	2.85E-04	4.25E-05	5.83E-06	8.60E-07	9.80E-04	1.45E-04	1.06E-03	1.68E-04	2.00E-03	2.58E-04	2.47E-04	3.68E-05	4.62E-05	6.81E-06	1.34E-05	1.97E-06	3.16E-05	4.66E-06	7.04E-06	7.04E-06	7.50E-02	1.57E-02	2.16E-01	2.80E-02
666	Gridded	2.77E-05	3.96E-06	5.49E-06	8.47E-07	3.47E-04	4.64E-05	3.54E-04	4.85E-05	3.54E-04	5.54E-05	8.25E-06	1.09E-06	1.39E-03	1.85E-04	1.50E-03	2.16E-04	1.97E-03	3.03E-04	3.49E-04	4.69E-05	6.53E-05	8.65E-06	1.89E-05	2.50E-06	4.47E-05	5.92E-06	9.42E-06	9.42E-06	8.42E-02	1.77E-02	1.87E-01	3.21E-02
667	Gridded	3.16E-05	4.47E-06	6.41E-06	9.75E-07	3.88E-04	5.13E-05	3.99E-04	5.39E-05	4.15E-04	6.40E-05	9.20E-06	1.20E-06	1.55E-03	2.04E-04	1.71E-03	2.45E-04	1.92E-03	3.90E-04	3.90E-04	5.19E-05	7.28E-05	9.52E-06	2.11E-05	2.76E-06	4.98E-05	6.52E-06	1.14E-05	1.14E-05	9.25E-02	1.89E-02	1.83E-01	3.48E-02
668	Gridded	2.83E-05	4.28E-06	5.96E-06	9.61E-07	3.36E-04	4.78E-05	3.49E-04	5.07E-05	3.89E-04	6.34E-05	7.91E-06	1.11E-06	1.34E-03	1.90E-04	1.54E-03	2.36E-04	2.52E-03	4.38E-04	3.39E-04	4.84E-05	6.27E-05	8.82E-06	1.81E-05	2.55E-06	4.29E-05	6.04E-06	1.20E-05	1.20E-05	9.55E-02	2.24E-02	1.86E-01	3.72E-02
669	Gridded	2.26E-05	3.34E-06	5.01E-06	7.70E-07	2.55E-04	3.84E-05	2.70E-04	4.02E-05	3.30E-04	5.10E-05	5.96E-06	9.07E-07	1.01E-03	1.53E-04	1.24E-03	1.84E-04	2.47E-03	3.98E-04	2.58E-04	3.86E-05	4.72E-05	7.18E-06	1.37E-05	2.08E-06	3.23E-05	4.91E-06	1.02E-05	1.02E-05	1.01E-01	2.57E-02	2.08E-01	4.62E-02
670	Gridded	2.43E-05	3.55E-06	5.13E-06	7.53E-07	2.89E-04	4.20E-05	3.00E-04	4.37E-05	3.35E-04	4.92E-05	6.81E-06	9.88E-07	1.15E-03	1.67E-04	1.33E-03	1.94E-04	2.54E-03	3.00E-04	2.91E-04	4.23E-05	5.39E-05	7.82E-06	1.56E-05	2.26E-06	3.69E-05	5.35E-06	8.35E-06	8.35E-06	1.29E-01	2.57E-02	2.18E-01	4.89E-02
671	Gridded	2.40E-05	3.46E-06	5.34E-06	7.55E-07	2.70E-04	3.97E-05	2.86E-04	4.17E-05	3.52E-04	4.96E-05	6.31E-06	9.30E-07	1.07E-03	1.58E-04	1.32E-03	1.89E-04	2.42E-03	3.12E-04	2.73E-04	4.01E-05	4.99E-05	7.36E-06	1.45E-05	2.13E-06	3.42E-05	5.04E-06	8.93E-06	8.93E-06	1.30E-01	2.20E-02	2.21E-01	4.29E-02
672	Gridded	2.96E-05	3.85E-06	5.93E-06	8.46E-07	3.68E-04	4.38E-05	3.76E-04	4.62E-05	3.84E-04	5.56E-05	8.73E-06	1.03E-06	1.47E-03	1.74E-04	1.60E-03	2.11E-04	2.59E-03	3.52E-04	3.70E-04	4.44E-05	6.91E-05	8.13E-06	2.00E-05	2.35E-06	4.73E-05	5.56E-06	1.01E-05	1.01E-05	1.09E-01	2.07E-02	2.21E-01	3.53E-02
673	Gridded	3.12E-05	3.83E-06	6.42E-06	8.49E-07	3.79E-04	4.33E-05	3.91E-04	4.58E-05	4.17E-04	5.59E-05	8.97E-06	1.01E-06	1.51E-03	1.72E-04	1.70E-03	2.10E-04	2.46E-03	3.66E-04	3.82E-04	4.39E-05	7.10E-05	8.02E-06	2.06E-05	2.32E-06	4.86E-05	5.48E-06	1.03E-05	1.03E-05	1.29E-01	2.16E-02	2.28E-01	3.45E-02
674	Gridded	2.78E-05	3.29E-06	5.66E-06	7.39E-07	3.44E-04	3.68E-05	3.49E-04	3.91E-05	3.67E-04	4.87E-05	8.24E-06	8.58E-07	1.38E-03	1.46E-04	1.50E-03	1.81E-04	2.29E-03	3.36E-04	3.45E-04	3.73E-05	6.52E-05	6.79E-06	1.89E-05	1.97E-06	4.46E-05	4.65E-06	9.20E-06	9.20E-06	1.80E-01	2.15E-02	3.35E-01	3.63E-02
675	Gridded	5.41E-05	3.62E-06	1.14E-05	7.12E-07	6.40E-04	4.57E-05	6.66E-04	4.65E-05	7.46E-04	4.59E-05	1.51E-05	1.09E-06	2.55E-03	1.82E-04	2.95E-03	1.95E-04	3.82E-03	2.97E-04	6.46E-04	4.59E-05	1.19E-04	8.61E-06	3.46E-05	2.49E-06	8.17E-05	5.89E-06	7.46E-06	7.46E-06	2.20E-01	2.21E-02	4.15E-01	4.38E-02
676	Gridded	6.26E-05	3.69E-06	1.39E-05	7.54E-07	7.05E-04	4.54E-05	7.46E-04	4.66E-05	9.17E-04	4.94E-05	1.65E-05	1.08E-06	2.80E-03	1.81E-04	3.44E-03	2.00E-04	6.11E-03	3.00E-04	7.14E-04	4.56E-05	1.30E-04	8.51E-06	3.78E-05	2.46E-06	8.93E-05	5.82E-06	8.56E-06	8.56E-06	1.88E-01	2.28E-02	3.43E-01	4.30E-02
677	Gridded	4.06E-05	3.83E-06	9.70E-06	8.34E-07	4.37E-04	4.40E-05	4.59E-04	4.62E-05	6.46E-04	5.48E-05	1.03E-05	1.03E-06	1.74E-03	1.75E-04	2.26E-03	2.10E-04	5.61E-03	3.34E-04	4.40E-04	4.45E-05	8.19E-05	8.17E-06	2.37E-05	2.37E-06	5.60E-05	5.59E-06	9.73E-06	9.73E-06	1.67E-01	2.76E-02	3.47E-01	4.90E-02
678	Gridded	2.96E-05	3.66E-06	6.29E-06	8.04E-07	3.49E-04	4.18E-05	3.64E-04	4.40E-05	4.11E-04	5.28E-05	8.22E-06	9.78E-07	1.39E-03	1.66E-04	1.62E-03	2.01E-04	3.13E-03	3.31E-04	3.53E-04	4.23E-05	6.51E-05	7.74E-06	1.88E-05	2.24E-06	4.46E-05	5.30E-06	9.54E-06	9.54E-06	2.40E-01	3.59E-02	4.02E-01	6.28E-02
679	Gridded	3.22E-05	3.68E-06	6.24E-06	7.87E-07	4.10E-04	4.46E-05	4.16E-04	4.50E-05	4.05E-04	5.15E-05	9.77E-06	1.06E-06	1.64E-03	1.78E-04	1.73E-03	2.01E-04	2.94E-03	3.25E-04	4.11E-04	4.47E-05	7.73E-05	8.42E-06	2.24E-05	2.44E-06	5.29E-05	5.76E-06	8.78E-06	8.78E-06	2.25E-01	3.89E-02	4.78E-01	7.78E-02
680	Gridded	3.63E-05	5.42E-06	7.76E-06	1.11E-06	4.25E-04	6.62E-05	4.44E-04	6.81E-05	5.07E-04	7.19E-05	1.00E-05	1.57E-06	1.69E-03	2.64E-04	1.98E-03	2.94E-04	3.03E-03	2.90E-04	4.29E-04	6.66E-05	7.91E-05	1.24E-05	2.29E-05	3.59E-06	5.42E-05	8.49E-06	1.09E-05	1.09E-05	2.45E-01	4.44E-02	5.27E-01	8.46E-02
681	Gridded	4.73E-05	4.06E-06	1.03E-05	9.02E-07	5.42E-04	4.59E-05	5.70E-04	4.85E-05	6.78E-04	5.94E-05	1.27E-05	1.07E-06	2.16E-03	1.82E-04	2.59E-03	2.23E-04	4.16E-03	3.92E-04	5.48E-04	4.65E-05	1.01E-04	8.49E-06	2.91E-05	2.46E-06	6.88E-05	5.81E-06	1.10E-05	1.10E-05	2.51E-01	3.27E-02	5.05E-01	5.55E-02
682	Gridded	3.16E-05	4.82E-06	6.78E-06	9.94E-07	3.86E-04	5.84E-05	3.87E-04	6.03E-05	4.44E-04	6.46E-05	9.25E-06	1.38E-06	1.54E-03	2.33E-04	1.73E-03	2.62E-04	3.23E-03	3.19E-04	3.86E-04	5.88E-05	7.32E-05	1.09E-05	2.12E-05	3.16E-06	5.01E-05	7.48E-06	1.00E-05	1.00E-05	1.64E-01	2.09E-02	3.09E-01	3.50E-02
683	Gridded	3.32E-05	6.22E-06	6.67E-06	1.29E-06	4.27E-04	7.49E-05	4.32E-04	7.74E-05	4.34E-04	8.38E-05	1.02E-05	1.77E-06	1.71E-03	2.99E-04	1.78E-03	3.38E-04	2.74E-03	3.77E-04	4.29E-04	7.55E-05	8.08E-05	1.40E-05	2.34E-05	4.06E-06	5.53E-05	9.59E-06	1.32E-05	1.32E-05	1.81E-01	2.68E-02	3.81E-01	5.09E-02
684	Gridded	4.04E-05	5.76E-06	8.87E-06	1.31E-06	4.60E-04	6.35E-05	4.85E-04	6.77E-05	5.83E-04	8.63E-05	1.08E-05	1.48E-06	1.83E-03	2.52E-04	2.21E-03	3.17E-04	3.86E-03	6.23E-04	4.65E-04	6.44E-05	8.52E-05	1.17E-05	2.47E-05	3.39E-06	5.83E-05	8.01E-06	1.67E-05	1.67E-05	1.99E-01	1.87E-02	3.78E-01	3.77E-02
685	Gridded	4.25E-05	2.54E-06	8.90E-06	5.80E-07	5.07E-04	2.94E-05	5.25E-04	3.05E-05	5.80E-04	3.88E-05	1.20E-05	6.93E-07	2.02E-03	1.17E-04	2.31E-03	1.40E-04	4.13E-03	4.66E-04	5.11E-04	2.96E-05	9.46E-05	5.48E-06	2.74E-05	1.59E-06	6.47E-05	3.75E-06	9.95E-06	9.95E-06	2.32E-01	1.89E-02	4.26E-01	3.39E-02
686	Gridded	4.28E-05	3.17E-06	9.21E-06	7.00E-07	4.97E-04	3.59E-05	5.20E-04	3.79E-05	6.03E-04	4.61E-05	1.17E-05	8.40E-07	1.98E-03	1.43E-04	2.34E-03	1.74E-04	4.12E-03	2.98E-04	5.02E-04	3.64E-05	9.25E-05	6.65E-06	2.68E-05	1.92E-06	6.33E-05	4.55E-06	8.45E-06	8.45E-06	1.81E-01	1.73E-02	3.79E-01	2.89E-02
687	Gridded	3.31E-05	3.22E-06	7.18E-06	7.04E-07	4.01E-04	3.69E-05	4.08E-04	3.88E-05	4.71E-04	4.63E-05	9.55E-06	8.64E-07	1.60E-03	1.47E-04	1.81E-03	1.77E-04	3.25E-03	2.85E-04	4.03E-04	3.73E-05	7.56E-05	6.84E-06	2.19E-05	1.98E-06	5.17E-05	4.68E-06	8.29E-06	8.29E-06	1.78E-01	1.61E-02	3.21E-01	2.94E-02
688	Gridded	3.53E-05	3.28E-06	6.93E-06	7.09E-07	4.45E-04	3.86E-05	4.53E-04	4.02E-05	4.56E-04	4.66E-05	1.06E-05	9.07E-07	1.78E-03	1.53E-04	1.90E-03	1.79E-04	3.05E-03	2.84E-04	4.46E-04	3.89E-05	8.38E-05	7.18E-06	2.43E-05	2.08E-06	5.73E-05	4.91E-06	8.31E-06	8.31E-06	1.91E-01	2.31E-02	3.65E-01	4.06E-02
689	Gridded	3.33E-05	3.47E-06	6.57E-06	7.25E-07	4.18E-04	4.15E-05	4.26E-04	4.30E-05	4.24E-04	4.73E-05	9.94E-06	9.78E-07	1.67E-03	1.65E-04	1.79E-03	1.89E-04	3.16E-03	3.10E-04	4.20E-04	4.18E-05	7.87E-05	7.75E-06	2.28E-05	2.24E-06	5.38E-05	5.30E-06	8.33E-06	8.33E-06	1.70E-01	2.37E-02	3.44E-01	4.29E-02
690	Gridded	2.99E-05	3.30E-06	6.63E-06	7.20E-07	3.49E-04	3.80E-05	3.59E-04	3.99E-05	4.36E-04	4.73E-05	8.28E-06	8.90E-07	1.39E-03	1.51E-04	1.64E-03	1.81E-04	2.88E-03	2.87E-04	3.52E-04	3.84E-05	6.55E-05	7.05E-06	1.90E-05	2.04E-06	4.48E-05	4.82E-06	8.41E-06	8.41E-06	1.50E-01	1.98E-02	5.18E-01	4.79E-02
691	Gridded	2.60E-05	2.71E-06	5.64E-06	5.98E-07	3.01E-04	3.09E-05	3.15E-04	3.25E-05	3.70E-04	3.93E-05	7.05E-06	7.22E-07	1.20E-03	1.23E-04	1.42E-03	1.49E-04	2.66E-03	2.51E-04	3.04E-04	3.12E-05	5.58E-05	5.72E-06	1.62E-05	1.65E-06	3.82E-05	3.91E-06	7.17E-06	7.17E-06	1.37E-01	1.87E-02	5.41E-01	5.29E-02
692	Gridded	2.23E-05	3.16E-06	4.87E-06	6.93E-07	2.83E-04	3.62E-05	2.84E-04	3.81E-05	3.20E-04	4.55E-05	6.80E-06	8.47E-07	1.13E-03	1.44E-04	1.22E-03	1.73E-04	2.50E-03	2.83E-04	2.84E-04	3.66E-05	5.38E-05	6.71E-06	1.56E-05	1.94E-06	3.68E-05	4.59E-06	8.19E-06	8.19E-06	1.22E-01	1.97E-02	4.69E-01	4.48E-02
693	Gridded	2.45E-05	3.12E-06	5.24E-06	6.98E-07	2.87E-04	3.49E-05	3.00E-04	3.70E-05	3.43E-04	4.60E-05	6.75E-06	8.14E-07	1.14E-03	1.39E-04	1.34E-03	1.72E-04	2.76E-03	3.15E-04	2.90E-04	3.53E-05	5.35E-05	6.44E-06	1.55E-05	1.86E-06	3.66E-05	4.41E-06	8.66E-06	8.66E-06	1.57E-01	2.04E-02	4.21E-01	3.83E-02
694	Gridded	2.30E-05	2.60E-06	5.03E-06	5.57E-07	2.63E-04	3.03E-05	2.76E-04	3.17E-05	3.31E-04	3.65E-05	6.15E-06	7.13E-07	1.04E-03	1.21E-04	1.26E-03	1.42E-04	2.42E-03	2.12E-04	2.66E-04	3.06E-05	4.87E-05	5.65E-06	1.41E-05	1.63E-06	3.33E-05	3.86E-06	6.26E-06	6.26E-06	1.46E-01	2.00E-02	4.16E-01	4.04E-02
695	Gridded	2.57E-05	2.61E-06	5.47E-06	5.75E-07	3.01E-04	2.98E-05	3.14E-04	3.14E-05	3.58E-04	3.78E-05	7.09E-06	6.97E-07	1.20E-03	1.18E-04	1.40E-03	1.43E-04	2.12E-03	2.40E-04	3.04E-04	3.01E-05	5.61E-05	5.51E-06	1.62E-05	1.60E-06	3.84E-05	3.77E-06	6.87E-06	6.87E-06	1.68E-01	1.95E-02	5.82E-01	4.55E-02
696	Gridded	3.05E-05	3.01E-06	6.25E-06	6.58E-07	3.72E-04	3.45E-05	3.83E-04	3.63E-05	4.06E-04	4.32E-05	8.80E-06	8.08E-07	1.48E-03	1.37E-04	1.66E-03	1.65E-04	2.82E-03	2.66E-04	3.74E-04	3.49E-05	6.97E-05	6.40E-06	2.02E-05	1.85E-06	4.77E-05	4.38E-06	7.74E-06	7.74E-06	1.95E-01	2.05E-02	6.10E-01	4.12E-02
697	Gridded	3.27E-05	3.18E-06	6.58E-06	7.09E-07	4.04E-04	3.57E-05	4.14E-04	3.78E-05	4.26E-04	4.67E-05	9.58E-06	8.33E-07	1.61E-03	1.42E-04	1.77E-03	1.75E-04	3.04E-03	3.14E-04	4.06E-04	3.62E-05	7.58E-05	6.60E-06	2.19E-05	1.91E-06	5.19E-05	4.51E-06	8.72E-06	8.72E-06	2.28E-01	1.84E-02	3.38E-01	2.72E-02
698	Gridded	2.92E-05	2.98E-06	5.88E-06	6.01E-07	3.62E-04	3.67E-05	3.70E-04	3.76E-05	3.80E-04	3.89E-05	8.58E-06	8.70E-07	1.44E-03	1.46E-04	1.58E-03	1.61E-04	2.36E-03	2.78E-04	3.63E-04	3.69E-05	6.79E-05	6.89E-06	1.97E-05	1.99E-06	4.65E-05	4.71E-06	7.39E-06	7.39E-06	1.60E-01	1.90E-02	3.22E-01	3.60E-02
699	Gridded	3.23E-05	4.05E-06	5.90E-06	7.78E-07	4.30E-04	5.19E-05	4.30E-04	5.26E-05	3.75E-04	4.99E-05	1.03E-05	1.24E-06	1.72E-03	2.08E-04	1.72E-03	2.17E-04	2.68E-03	2.45E-04	4.30E-04	5.21E-05	8.18E-05	9.81E-06	2.37E-05	2.84E-06	5.60E-05	6.71E-06	6.22E-06	6.22E-06	1.39E-01	1.93E-02	3.58E-01	3.77E-02
700	Gridded	3.43E-05	3.66E-06	6.62E-06	7.86E-07	4.58E-04	4.58E-05	4.58E-04	4.63E-05	4.32E-04	5.15E-05	1.10E-05	1.09E-06	1.83E-03	1.83E-04	1.83E-03	2.00E-04	2.67E-03	2.92E-04	4.58E-04	4.59E-05	8.69E-05	8.67E-06	2.52E-05	2.51E-06	5.95E-05	5.93E-06	8.89E-06	8.89E-06	1.74E-01	2.20E-02	3.18E-01	3.61E-02
701	Gridded	3.38E-05	3.93E-06	7.24E-06	8.72E-07	3.96E-04	4.46E-05	4.14E-04	4.70E-05	4.74E-04	5.74E-05	9.31E-06	1.05E-06	1.58E-03	1.78E-04	1.85E-03	2.16E-04	2.66E-03	3.76E-04	4.00E-04	4.50E-05	7.37E-05	8.31E-06	2.13E-05	2.40E-06	5.04E-05	5.68E-06	1.06E-05	1.06E-05	2.09E-01	2.52E-02	3.51E-01	4.10E-02
702	Gridded	2.96E-05	5.19E-06	6.59E-06	1.13E-06	3.35E-04	5.99E-05	3.54E-04	6.28E-05	4.35E-04	7.39E-05	7.84E-06	1.40E-06	1.33E-03	2.38E-04	1.63E-03	2.84E-04	3.10E-03	4.38E-04	3.39E-04	6.05E-05	6.20E-05	1.11E-05	1.80E-05	3.22E-06	4.24E-05	7.61E-06	1.30E-05	1.30E-05	1.87E-01	3.20E-02	3.26E-01	4.76E-02
703	Gridded	2.69E-05	4.48E-06	5.97E-06	9.90E-07	3.08E-04	5.07E-05	3.22E-04	5.35E-05	3.93E-04	6.51E-05	7.24E-06	1.19E-06	1.22E-03	2.02E-04	1.48E-03	2.46E-04	2.68E-03	4.23E-04	3.10E-04	5.13E-05	5.73E-05	9.39E-06	1.66E-05	2.72E-06	3.92E-05	6.42E-06	1.20E-05	1.20E-05	1.86E-01	3.15E-02	2.82E-01	4.81E-02
704	Gridded	2.82E-05	4.24E-06	5.29E-06	8.90E-07	3.75E-04	5.06E-05	3.75E-04	5.25E-05	3.50E-04	5.80E-05	9.00E-06	1.19E-06	1.50E-03	2.02E-04	1.50E-03	2.31E-04	2.68E-03	2.91E-04	3.75E-04	5.10E-05	7.12E-05	9.45E-06	2.06E-05	2.74E-06	4.87E-05	6.47E-06	9.41E-06	9.41E-06	1.58E-01	3.09E-02	3.00E-01	5.08E-02
705	Gridded	2.59E-05	4.34E-06	5.21E-06	9.29E-07	3.46E-04	5.07E-05	3.46E-04	5.29E-05	3.42E-04	6.08E-05	8.29E-06	1.19E-06	1.38E-03	2.02E-04	1.38E-03	2.37E-04	2.34E-03	3.37E-04	3.46E-04	5.12E-05	6.56E-05	9.43E-06	1.90E-05	2.73E-06	4.49E-05	6.45E-06	1.04E-05	1.04E-05	1.73E-01	3.94E-02	2.94E-01	5.30E-02
706	Gridded	2.39E-05	5.95E-06	5.18E-06	1.26E-06	2.96E-04	7.05E-05	2.98E-04	7.33E-05	3.40E-04	8.21E-05	7.10E-06	1.66E-06	1.18E-03	2.81E-04	1.30E-03	3.24E-04	2.16E-03	4.20E-04	2.96E-04	7.11E-05	5.62E-05	1.31E-05	1.63E-05	3.81E-06	3.85E-05	9.00E-06	1.36E-05	1.36E-05	2.20E-01	4.51E-02	4.26E-01	6.00E-02
707	Gridded	3.14E-05	6.95E-06	6.77E-06	1.50E-06	3.65E-04	8.06E-05	3.82E-04	8.44E-05	4.43E-04	9.85E-05	8.57E-06	1.89E-06	1.45E-03	3.21E-04	1.72E-03	3.80E-04	2.54E-03	5.73E-04	3.68E-04	8.14E-05	6.78E-05	1.50E-05	1.96E-05	4.33E-06	4.64E-05	1.02E-05	1.72E-05	1.72E-05	2.01E-01	3.76E-02	5.35E-01	4.92E-02
708	Gridded	2.75E-05	5.77E-06	6.02E-06	1.29E-06	3.14E-04	6.48E-05	3.31E-04	6.86E-05	3.95E-04	8.47E-05	7.36E-06	1.51E-06	1.25E-03	2.57E-04	1.51E-03	3.17E-04	5.00E-03	5.70E-04	3.18E-04	6.56E-05	5.83E-05	1.20E-05	1.69E-05	3.47E-06	3.99E-05	8.19E-06	1.58E-05	1.58E-05	1.80E-01	3.60E-02	3.54E-01	6.21E-02
709	Gridded	2.18E-05	4.46E-06	4.94E-06	9.67E-07	2.48E-04	5.18E-05	2.57E-04	5.40E-05	3.26E-04	6.35E-05	5.87E-06	1.22E-06	9.89E-04	2.07E-04	1.20E-03	2.44E-04	4.47E-03	4.10E-04	2.50E-04	5.22E-05	4.65E-05	9.69E-06	1.34E-05	2.81E-06	3.18E-05	6.63E-06	1.12E-05	1.12E-05	1.54E-01	4.23E-02	2.60E-01	7.21E-02
710	Gridded	2.39E-05	5.54E-06	5.12E-06	1.17E-06	2.79E-04	6.54E-05	2.91E-04	6.81E-05	3.35E-04	7.68E-05	6.55E-06	1.54E-06	1.11E-03	2.60E-04	1.30E-03	3.02E-04	2.33E-03	4.38E-04	2.81E-04	6.60E-05	5.19E-05	1.22E-05	1.50E-05	3.53E-06	3.55E-05	8.34E-06	1.29E-05	1.29E-05	1.76E-01	5.40E-02	3.31E-01	9.45E-02
711	Gridded	2.62E-05	7.50E-06	5.52E-06	1.56E-06	3.10E-04	9.01E-05	3.22E-04	9.32E-05	3.60E-04	1.02E-04	7.31E-06	2.13E-06	1.24E-03	3.59E-04	1.43E-03	4.08E-04	2.08E-03	5.42E-04	3.13E-04	9.08E-05	5.79E-05	1.68E-05	1.68E-05	4.88E-06	3.96E-05	1.15E-05	1.65E-05	1.65E-05	2.12E-01	7.02E-02	3.79E-01	1.17E-01
712	Gridded	3.03E-05	9.25E-06	6.45E-06	1.95E-06	3.57E-04	1.10E-04	3.72E-04	1.14E-04	4.22E-04	1.27E-04	8.40E-06	2.58E-06	1.42E-03	4.36E-04	1.65E-03	5.04E-04	2.25E-03	6.48E-04	3.60E-04	1.11E-04	6.65E-05	2.04E-05	1.92E-05	5.92E-06	4.55E-05	1.40E-05	2.10E-05	2.10E-05	1.82E-01	6.52E-02	3.11E-01	9.99E-02
713	Gridded	3.13E-05	1.03E-05	6.86E-06	2.22E-06	3.58E-04	1.19E-04	3.77E-04	1.25E-04	4.50E-04	1.45E-04	8.40E-06	2.80E-06	1.43E-03	4.74E-04	1.72E-03	5.62E-04	2.79E-03	8.35E-04	3.63E-04	1.20E-04	6.65E-05	2.22E-05	1.92E-05	6.42E-06	4.55E-05	1.52E-05	2.52E-05	2.52E-05	1.72E-01	5.45E-02	2.88E-01	8.06E-02
714	Gridded	5.07E-05	1.42E-05	1.07E-05	3.17E-06	6.01E-04	1.59E-04	6.25E-04	1.69E-04	6.99E-04	2.09E-04	1.42E-05	3.72E-06	2.39E-03	6.32E-04	2.76E-03	7.80E-04	4.00E-03	1.41E-03	6.07E-04	1.61E-04	1.12E-04	2.94E-05	3.25E-05	8.51E-06	7.68E-05	2.01E-05	3.91E-05	3.91E-05	2.43E-01	6.92E-02	4.02E-01	1.22E-01
715	Gridded	1.97E-05	3.00E-06	4.11E-06	6.62E-07	2.35E-04	3.41E-05	2.44E-04	3.60E-05	2.68E-04	4.35E-05	5.55E-06	7.97E-07	9.37E-04	1.35E-04	1.07E-03	1.65E-04	2.67E-03	2.79E-04	2.37E-04	3.45E-05	4.40E-05	6.31E-06	1.27E-05	1.83E-06	3.01E-05	4.32E-06	7.95E-06	7.95E-06	9.55E-02	1.73E-02	2.28E-01	2.78E-02
716	Gridded	2.06E-05	2.89E-06	4.37E-06	6.46E-07	2.43E-04	3.23E-05	2.53E-04	3.43E-05	2.86E-04	4.26E-05	5.72E-06	7.54E-07	9.68E-04	1.28E-04	1.12E-03	1.59E-04	2.33E-03	2.91E-04	2.45E-04	3.28E-05	4.53E-05	5.97E-06	1.31E-05	1.73E-06	3.10E-05	4.09E-06	8.01E-06	8.01E-06	9.38E-02	1.72E-02	2.44E-01	3.06E-02
717	Gridded	2.56E-05	2.66E-06	5.06E-06	5.99E-07	3.21E-04	3.24E-05	3.27E-04	3.29E-05	3.27E-04	3.95E-05	7.63E-06	7.73E-07	1.28E-03	1.29E-04	1.38E-03	1.46E-04	1.94E-03	2.78E-04	3.22E-04	3.24E-05	6.04E-05	6.12E-06	1.75E-05	1.77E-06	4.13E-05	4.19E-06	7.54E-06	7.54E-06	8.32E-02	1.52E-02	2.02E-01	2.95E-02
718	Gridded	3.18E-05	3.70E-06	6.30E-06	7.83E-07	3.97E-04	4.39E-05	4.06E-04	4.56E-05	4.07E-04	5.11E-05	9.44E-06	1.03E-06	1.59E-03	1.75E-04	1.71E-03	2.02E-04	2.40E-03	2.95E-04	3.99E-04	4.42E-05	7.48E-05	8.18E-06	2.16E-05	2.37E-06	5.12E-05	5.60E-06	8.45E-06	8.45E-06	1.02E-01	1.79E-02	1.84E-01	3.23E-02
719	Gridded	3.22E-05	4.55E-06	6.45E-06	9.78E-07	3.99E-04	5.31E-05	4.09E-04	5.55E-05	4.17E-04	6.40E-05	9.48E-06	1.25E-06	1.59E-03	2.11E-04	1.74E-03	2.49E-04	2.17E-03	3.60E-04	4.02E-04	5.36E-05	7.51E-05	9.87E-06	2.17E-05	2.86E-06	5.14E-05	6.75E-06	1.10E-05	1.10E-05	9.88E-02	2.00E-02	1.83E-01	3.68E-02
720	Gridded	2.86E-05	4.72E-06	5.84E-06	1.04E-06	3.49E-04	5.36E-05	3.59E-04	5.66E-05	3.79E-04	6.84E-05	8.26E-06	1.25E-06	1.39E-03	2.13E-04	1.55E-03	2.59E-04	2.58E-03	4.38E-04	3.51E-04	5.43E-05	6.54E-05	9.93E-06	1.89E-05	2.88E-06	4.48E-05	6.80E-06	1.25E-05	1.25E-05	9.60E-02	2.24E-02	1.87E-01	3.88E-02
721	Gridded	2.37E-05	4.00E-06	5.00E-06	9.11E-07	2.80E-04	4.42E-05	2.92E-04	4.70E-05	3.26E-04	6.02E-05	6.61E-06	1.05E-06	1.12E-03	1.76E-04	1.29E-03	2.21E-04	2.63E-03	4.41E-04	2.83E-04	4.46E-05	5.23E-05	8.32E-06	1.51E-05	2.41E-06	3.58E-05	5.69E-06	1.17E-05	1.17E-05	1.08E-01	2.69E-02	2.21E-01	4.70E-02
722	Gridded	2.44E-05	3.64E-06	5.11E-06	7.60E-07	2.96E-04	4.36E-05	3.06E-04	4.51E-05	3.37E-04	4.98E-05	7.01E-06	1.03E-06	1.18E-03	1.74E-04	1.33E-03	1.98E-04	2.52E-03	3.64E-04	2.98E-04	4.39E-05	5.55E-05	8.14E-06	1.61E-05	2.36E-06	3.80E-05	5.57E-06	9.14E-06	9.14E-06	1.36E-01	2.84E-02	2.33E-01	5.35E-02
723	Gridded	2.73E-05	3.95E-06	5.91E-06	8.53E-07	3.15E-04	4.58E-05	3.30E-04	4.80E-05	3.88E-04	5.59E-05	7.38E-06	1.08E-06	1.25E-03	1.82E-04	1.49E-03	2.16E-04	2.78E-03	3.27E-04	3.18E-04	4.63E-05	5.85E-05	8.52E-06	1.69E-05	2.47E-06	4.00E-05	5.83E-06	9.72E-06	9.72E-06	1.43E-01	2.59E-02	2.47E-01	5.09E-02
724	Gridded	3.10E-05	4.21E-06	6.17E-06	9.25E-07	3.86E-04	4.81E-05	3.95E-04	5.07E-05	3.98E-04	6.08E-05	9.18E-06	1.13E-06	1.54E-03	1.91E-04	1.67E-03	2.31E-04	2.87E-03	3.81E-04	3.88E-04	4.87E-05	7.27E-05	8.92E-06	2.10E-05	2.58E-06	4.97E-05	6.10E-06	1.10E-05	1.10E-05	1.20E-01	2.30E-02	2.40E-01	3.94E-02
725	Gridded	3.41E-05	4.21E-06	7.00E-06	9.32E-07	4.15E-04	4.77E-05	4.27E-04	5.04E-05	4.55E-04	6.13E-05	9.81E-06	1.12E-06	1.65E-03	1.90E-04	1.85E-03	2.31E-04	2.50E-03	3.98E-04	4.17E-04	4.83E-05	7.77E-05	8.84E-06	2.25E-05	2.56E-06	5.31E-05	6.05E-06	1.13E-05	1.13E-05	1.36E-01	2.39E-02	2.52E-01	3.91E-02
726	Gridded	3.01E-05	4.07E-06	6.41E-06	9.10E-07	3.73E-04	4.56E-05	3.75E-04	4.83E-05	4.19E-04	6.00E-05	8.92E-06	1.06E-06	1.49E-03	1.81E-04	1.64E-03	2.24E-04	2.71E-03	4.09E-04	3.73E-04	4.62E-05	7.06E-05	8.42E-06	2.04E-05	2.44E-06	4.83E-05	5.76E-06	1.13E-05	1.13E-05	1.96E-01	2.50E-02	3.66E-01	4.19E-02
727	Gridded	6.01E-05	4.06E-06	1.27E-05	8.01E-07	7.15E-04	5.10E-05	7.42E-04	5.20E-05	8.26E-04	5.16E-05	1.69E-05	1.21E-06	2.85E-03	2.04E-04	3.28E-03	2.19E-04	4.12E-03	3.46E-04	7.21E-04	5.12E-05	1.33E-04	9.60E-06	3.86E-05	2.78E-06	9.13E-05	6.57E-06	8.69E-06	8.69E-06	2.45E-01	2.45E-02	4.67E-01	4.75E-02
728	Gridded	6.97E-05	3.80E-06	1.55E-05	8.01E-07	7.87E-04	4.60E-05	8.32E-04	4.75E-05	1.02E-03	5.24E-05	1.84E-05	1.09E-06	3.13E-03	1.83E-04	3.83E-03	2.07E-04	6.70E-03	3.29E-04	7.97E-04	4.63E-05	1.46E-04	8.61E-06	4.21E-05	2.49E-06	9.96E-05	5.89E-06	9.42E-06	9.42E-06	2.05E-01	2.46E-02	3.77E-01	4.78E-02
729	Gridded	4.34E-05	3.95E-06	1.04E-05	8.60E-07	4.48E-04	4.55E-05	4.89E-04	4.77E-05	6.95E-04	5.64E-05	1.03E-05	1.07E-06	1.77E-03	1.81E-04	2.42E-03	2.16E-04	6.12E-03	3.49E-04	4.57E-04	4.60E-05	8.15E-05	8.44E-06	2.36E-05	2.44E-06	5.58E-05	5.77E-06	1.00E-05	1.00E-05	1.75E-01	3.13E-02	3.86E-01	5.61E-02
730	Gridded	3.23E-05	3.71E-06	6.94E-06	8.14E-07	3.75E-04	4.27E-05	3.93E-04	4.46E-05	4.55E-04	5.35E-05	8.82E-06	1.01E-06	1.49E-03	1.70E-04	1.76E-03	2.03E-04	3.13E-03	3.40E-04	3.79E-04	4.31E-05	6.98E-05	7.97E-06	2.02E-05	2.31E-06	4.78E-05	5.45E-06	9.66E-06	9.66E-06	2.63E-01	4.08E-02	4.76E-01	7.37E-02
731	Gridded	3.69E-05	4.60E-06	7.45E-06	9.00E-07	4.54E-04	5.81E-05	4.66E-04	5.91E-05	4.82E-04	5.79E-05	1.08E-05	1.38E-06	1.81E-03	2.32E-04	2.00E-03	2.48E-04	2.85E-03	2.96E-04	4.57E-04	5.84E-05	8.53E-05	1.10E-05	2.47E-05	3.17E-06	5.84E-05	7.50E-06	8.70E-06	8.70E-06	2.16E-01	4.47E-02	5.30E-01	8.96E-02
732	Gridded	3.86E-05	4.89E-06	8.15E-06	1.04E-06	4.57E-04	5.77E-05	4.75E-04	6.01E-05	5.32E-04	6.79E-05	1.08E-05	1.36E-06	1.82E-03	2.30E-04	2.10E-03	2.67E-04	3.24E-03	3.58E-04	4.61E-04	5.82E-05	8.52E-05	1.07E-05	2.47E-05	3.11E-06	5.83E-05	7.35E-06	1.14E-05	1.14E-05	2.59E-01	4.27E-02	5.62E-01	7.96E-02
733	Gridded	4.22E-05	4.86E-06	9.48E-06	9.97E-07	4.69E-04	5.90E-05	4.99E-04	6.09E-05	6.26E-04	6.48E-05	1.09E-05	1.40E-06	1.86E-03	2.35E-04	2.32E-03	2.64E-04	4.37E-03	3.75E-04	4.76E-04	5.94E-05	8.66E-05	1.11E-05	2.51E-05	3.20E-06	5.93E-05	7.57E-06	9.92E-06	9.92E-06	2.13E-01	2.40E-02	3.53E-01	3.81E-02
734	Gridded	3.97E-05	5.88E-06	7.67E-06	1.22E-06	5.08E-04	7.07E-05	5.14E-04	7.32E-05	4.92E-04	7.96E-05	1.21E-05	1.67E-06	2.03E-03	2.82E-04	2.13E-03	3.20E-04	3.22E-03	3.72E-04	5.09E-04	7.13E-05	9.59E-05	1.32E-05	2.77E-05	3.83E-06	6.56E-05	9.05E-06	1.26E-05	1.26E-05	1.98E-01	2.79E-02	4.31E-01	4.88E-02
735	Gridded	4.91E-05	7.51E-06	1.02E-05	1.62E-06	5.93E-04	8.69E-05	6.12E-04	9.11E-05	6.60E-04	1.06E-04	1.40E-05	2.04E-06	2.36E-03	3.46E-04	2.67E-03	4.11E-04	4.04E-03	6.22E-04	5.97E-04	8.78E-05	1.11E-04	1.61E-05	3.21E-05	4.67E-06	7.59E-05	1.10E-05	1.86E-05	1.86E-05	2.12E-01	2.69E-02	4.34E-01	5.45E-02
736	Gridded	4.18E-05	3.52E-06	8.67E-06	9.10E-07	5.03E-04	3.77E-05	5.20E-04	4.00E-05	5.64E-04	6.13E-05	1.19E-05	8.80E-07	2.00E-03	1.50E-04	2.27E-03	1.99E-04	5.06E-03	6.53E-04	5.07E-04	3.82E-05	9.41E-05	6.96E-06	2.72E-05	2.02E-06	6.44E-05	4.77E-06	1.46E-05	1.46E-05	2.85E-01	2.24E-02	5.47E-01	4.16E-02
737	Gridded	4.80E-05	3.43E-06	1.03E-05	7.52E-07	5.64E-04	3.92E-05	5.88E-04	4.13E-05	6.71E-04	4.94E-05	1.33E-05	9.17E-07	2.24E-03	1.56E-04	2.62E-03	1.88E-04	4.61E-03	3.09E-04	5.69E-04	3.96E-05	1.05E-04	7.26E-06	3.04E-05	2.10E-06	7.18E-05	4.97E-06	8.92E-06	8.92E-06	2.04E-01	1.96E-02	4.59E-01	3.42E-02
738	Gridded	3.53E-05	3.48E-06	7.59E-06	7.59E-07	4.31E-04	3.99E-05	4.38E-04	4.19E-05	4.97E-04	4.98E-05	1.03E-05	9.35E-07	1.72E-03	1.59E-04	1.93E-03	1.90E-04	3.71E-03	3.04E-04	4.33E-04	4.04E-05	8.13E-05	7.40E-06	2.35E-05	2.14E-06	5.56E-05	5.07E-06	8.88E-06	8.88E-06	1.89E-01	1.77E-02	3.40E-01	3.20E-02
739	Gridded	3.59E-05	3.45E-06	7.12E-06	7.50E-07	4.54E-04	4.02E-05	4.62E-04	4.19E-05	4.69E-04	4.92E-05	1.08E-05	9.45E-07	1.81E-03	1.60E-04	1.93E-03	1.89E-04	3.25E-03	2.93E-04	4.56E-04	4.05E-05	8.56E-05	7.48E-06	2.48E-05	2.17E-06	5.85E-05	5.12E-06	8.68E-06	8.68E-06	1.99E-01	2.56E-02	4.35E-01	4.50E-02
740	Gridded	3.32E-05	3.89E-06	6.75E-06	8.14E-07	4.17E-04	4.67E-05	4.25E-04	4.83E-05	4.43E-04	5.34E-05	9.91E-06	1.10E-06	1.66E-03	1.86E-04	1.79E-03	2.12E-04	3.54E-03	3.48E-04	4.18E-04	4.71E-05	7.84E-05	8.73E-06	2.27E-05	2.53E-06	5.37E-05	5.97E-06	9.39E-06	9.39E-06	1.98E-01	2.70E-02	3.86E-01	4.89E-02
741	Gridded	3.27E-05	3.84E-06	7.29E-06	8.37E-07	3.91E-04	4.41E-05	4.02E-04	4.64E-05	4.80E-04	5.49E-05	9.25E-06	1.03E-06	1.56E-03	1.76E-04	1.80E-03	2.10E-04	3.24E-03	3.33E-04	3.93E-04	4.46E-05	7.33E-05	8.19E-06	2.12E-05	2.37E-06	5.01E-05	5.60E-06	9.77E-06	9.77E-06	1.63E-01	2.28E-02	6.51E-01	6.87E-02
742	Gridded	2.93E-05	3.11E-06	6.41E-06	6.85E-07	3.35E-04	3.53E-05	3.52E-04	3.73E-05	4.21E-04	4.51E-05	7.86E-06	8.27E-07	1.33E-03	1.41E-04	1.61E-03	1.71E-04	2.97E-03	3.01E-04	3.39E-04	3.58E-05	6.22E-05	6.55E-06	1.80E-05	1.90E-06	4.26E-05	4.48E-06	8.22E-06	8.22E-06	1.67E-01	2.38E-02	6.64E-01	6.41E-02
743	Gridded	2.62E-05	3.63E-06	5.41E-06	8.03E-07	3.17E-04	4.12E-05	3.28E-04	4.35E-05	3.52E-04	5.28E-05	7.50E-06	9.63E-07	1.26E-03	1.64E-04	1.42E-03	1.99E-04	2.55E-03	3.43E-04	3.20E-04	4.17E-05	5.94E-05	7.62E-06	1.72E-05	2.21E-06	4.06E-05	5.21E-06	9.69E-06	9.69E-06	1.61E-01	2.46E-02	4.44E-01	4.86E-02

Scenario 1 Results

744 Gridded	2.58E-05	3.10E-06	5.74E-06	6.94E-07	2.99E-04	3.46E-05	3.11E-04	3.67E-05	3.78E-04	4.58E-05	7.05E-06	8.07E-07	1.19E-03	1.37E-04	1.42E-03	1.70E-04	3.00E-03	3.16E-04	3.02E-04	3.50E-05	5.58E-05	6.39E-06	1.62E-05	1.85E-06	3.82E-05	4.37E-06	8.65E-06	8.65E-06	1.94E-01	2.50E-02	5.06E-01	4.56E-02
745 Gridded	2.93E-05	3.16E-06	6.01E-06	6.82E-07	3.56E-04	3.67E-05	3.67E-04	3.84E-05	3.90E-04	4.47E-05	8.42E-06	8.61E-07	1.42E-03	1.46E-04	1.59E-03	1.73E-04	2.97E-03	2.57E-04	3.58E-04	3.71E-05	6.66E-05	6.82E-06	1.93E-05	1.97E-06	4.56E-05	4.67E-06	7.76E-06	7.76E-06	1.89E-01	2.43E-02	5.45E-01	5.18E-02
746 Gridded	3.21E-05	3.01E-06	6.92E-06	6.55E-07	3.73E-04	3.47E-05	3.90E-04	3.64E-05	4.53E-04	4.30E-05	8.76E-06	8.13E-07	1.48E-03	1.38E-04	1.75E-03	1.65E-04	2.59E-03	2.72E-04	3.77E-04	3.50E-05	6.94E-05	6.43E-06	2.01E-05	1.86E-06	4.75E-05	4.40E-06	7.61E-06	7.61E-06	2.10E-01	2.35E-02	7.50E-01	5.12E-02
747 Gridded	3.61E-05	3.54E-06	7.37E-06	7.83E-07	4.42E-04	4.02E-05	4.55E-04	4.24E-05	4.78E-04	5.15E-05	1.05E-05	9.40E-07	1.76E-03	1.60E-04	1.96E-03	1.95E-04	3.41E-03	3.33E-04	4.45E-04	4.07E-05	8.29E-05	7.44E-06	2.40E-05	2.15E-06	5.67E-05	5.09E-06	9.44E-06	9.44E-06	2.46E-01	2.17E-02	5.24E-01	3.48E-02
748 Gridded	3.59E-05	3.03E-06	7.23E-06	6.86E-07	4.43E-04	3.53E-05	4.54E-04	3.65E-05	4.68E-04	4.53E-05	1.05E-05	8.33E-07	1.77E-03	1.41E-04	1.94E-03	1.67E-04	3.14E-03	3.23E-04	4.46E-04	3.56E-05	8.33E-05	6.60E-06	2.41E-05	1.91E-06	5.70E-05	4.51E-06	8.69E-06	8.69E-06	1.93E-01	1.84E-02	3.67E-01	3.35E-02
749 Gridded	2.92E-05	3.86E-06	5.92E-06	7.57E-07	3.60E-04	4.88E-05	3.69E-04	4.96E-05	3.84E-04	4.87E-05	8.61E-06	1.16E-06	1.44E-03	1.95E-04	1.58E-03	2.08E-04	2.45E-03	2.33E-04	3.62E-04	4.90E-05	6.82E-05	9.19E-06	1.97E-05	2.66E-06	4.67E-05	6.29E-06	6.48E-06	6.48E-06	1.70E-01	2.13E-02	3.63E-01	4.13E-02
750 Gridded	3.76E-05	4.08E-06	6.87E-06	7.99E-07	5.02E-04	5.26E-05	5.02E-04	5.31E-05	4.36E-04	5.23E-05	1.20E-05	1.26E-06	2.01E-03	2.10E-04	2.01E-03	2.19E-04	2.86E-03	2.87E-04	5.02E-04	5.27E-05	9.53E-05	9.94E-06	2.76E-05	2.88E-06	6.52E-05	6.80E-06	8.90E-06	8.90E-06	1.80E-01	2.34E-02	3.48E-01	3.87E-02
751 Gridded	3.24E-05	4.19E-06	6.87E-06	9.25E-07	3.83E-04	4.74E-05	3.98E-04	5.01E-05	4.49E-04	6.09E-05	9.01E-06	1.11E-06	1.52E-03	1.89E-04	1.77E-03	2.30E-04	2.67E-03	3.94E-04	3.86E-04	4.80E-05	7.13E-05	8.78E-06	2.07E-05	2.54E-06	4.88E-05	6.01E-06	1.12E-05	1.12E-05	2.15E-01	2.68E-02	3.94E-01	4.30E-02
752 Gridded	3.27E-05	5.24E-06	6.89E-06	1.14E-06	3.89E-04	6.06E-05	4.04E-04	6.35E-05	4.49E-04	7.46E-05	9.16E-06	1.42E-06	1.55E-03	2.41E-04	1.78E-03	2.87E-04	3.11E-03	4.42E-04	3.92E-04	6.12E-05	7.25E-05	1.12E-05	2.10E-05	3.26E-06	4.96E-05	7.70E-06	1.31E-05	1.31E-05	1.92E-01	3.34E-02	3.77E-01	5.06E-02
753 Gridded	3.26E-05	4.68E-06	7.19E-06	1.04E-06	3.70E-04	5.30E-05	3.90E-04	5.60E-05	4.73E-04	6.82E-05	8.65E-06	1.24E-06	1.47E-03	2.11E-04	1.79E-03	2.57E-04	3.04E-03	4.45E-04	3.74E-04	5.36E-05	6.85E-05	9.80E-06	1.98E-05	2.84E-06	4.69E-05	6.71E-06	1.26E-05	1.26E-05	1.99E-01	3.45E-02	3.03E-01	5.37E-02
754 Gridded	3.21E-05	4.92E-06	6.38E-06	1.03E-06	4.25E-04	5.85E-05	4.26E-04	6.08E-05	4.23E-04	6.75E-05	1.02E-05	1.38E-06	1.70E-03	2.33E-04	1.72E-03	2.68E-04	3.24E-03	3.35E-04	4.26E-04	5.90E-05	8.08E-05	1.09E-05	2.34E-05	3.16E-06	5.53E-05	7.47E-06	1.10E-05	1.10E-05	1.82E-01	3.55E-02	3.42E-01	5.75E-02
755 Gridded	3.05E-05	5.20E-06	6.03E-06	1.11E-06	4.04E-04	6.17E-05	4.05E-04	6.41E-05	3.94E-04	7.25E-05	9.67E-06	1.45E-06	1.61E-03	2.46E-04	1.63E-03	2.83E-04	2.81E-03	4.21E-04	4.04E-04	6.22E-05	7.66E-05	1.15E-05	2.22E-05	3.33E-06	5.24E-05	7.88E-06	1.26E-05	1.26E-05	2.15E-01	4.81E-02	3.59E-01	6.43E-02
756 Gridded	2.66E-05	6.49E-06	5.89E-06	1.38E-06	3.16E-04	7.65E-05	3.28E-04	7.97E-05	3.88E-04	9.02E-05	7.46E-06	1.80E-06	1.26E-03	3.05E-04	1.46E-03	3.54E-04	2.52E-03	4.77E-04	3.19E-04	7.72E-05	5.91E-05	1.43E-05	1.71E-05	4.13E-06	4.04E-05	9.75E-06	1.51E-05	1.51E-05	2.21E-01	4.62E-02	3.54E-01	6.09E-02
757 Gridded	2.82E-05	6.66E-06	6.17E-06	1.46E-06	3.22E-04	7.63E-05	3.39E-04	8.03E-05	4.05E-04	9.57E-05	7.54E-06	1.79E-06	1.28E-03	3.04E-04	1.54E-03	3.65E-04	2.52E-03	5.89E-04	3.26E-04	7.72E-05	5.97E-05	1.42E-05	1.73E-05	4.10E-06	4.08E-05	9.69E-06	1.71E-05	1.71E-05	1.71E-01	3.55E-02	4.90E-01	5.68E-02
758 Gridded	2.45E-05	4.77E-06	5.43E-06	1.08E-06	2.77E-04	5.30E-05	2.92E-04	5.62E-05	3.57E-04	7.12E-05	6.47E-06	1.24E-06	1.10E-03	2.11E-04	1.34E-03	2.63E-04	3.20E-03	5.09E-04	2.80E-04	5.36E-05	5.12E-05	9.85E-06	1.48E-05	2.85E-06	3.50E-05	6.74E-06	1.37E-05	1.37E-05	1.96E-01	4.30E-02	4.83E-01	7.39E-02
759 Gridded	2.31E-05	5.02E-06	4.82E-06	1.06E-06	2.77E-04	5.98E-05	2.87E-04	6.21E-05	3.14E-04	6.97E-05	6.54E-06	1.41E-06	1.10E-03	2.38E-04	1.26E-03	2.73E-04	5.09E-03	4.19E-04	2.79E-04	6.03E-05	5.18E-05	1.12E-05	1.50E-05	3.24E-06	3.54E-05	7.65E-06	1.24E-05	1.24E-05	1.62E-01	4.55E-02	3.03E-01	7.96E-02
760 Gridded	2.25E-05	5.97E-06	4.64E-06	1.27E-06	2.74E-04	7.15E-05	2.82E-04	7.40E-05	3.04E-04	8.33E-05	6.48E-06	1.69E-06	1.09E-03	2.85E-04	1.22E-03	3.26E-04	3.79E-03	4.50E-04	2.76E-04	7.21E-05	5.13E-05	1.34E-05	1.49E-05	3.87E-06	3.51E-05	9.15E-06	1.41E-05	1.41E-05	1.98E-01	6.43E-02	3.69E-01	1.10E-01
761 Gridded	2.88E-05	9.54E-06	6.07E-06	2.00E-06	3.43E-04	1.13E-04	3.56E-04	1.18E-04	3.96E-04	1.31E-04	8.09E-06	2.68E-06	1.37E-03	4.52E-04	1.57E-03	5.19E-04	2.07E-03	6.48E-04	3.46E-04	1.14E-04	6.40E-05	2.12E-05	1.85E-05	6.13E-06	4.38E-05	1.45E-05	2.13E-05	2.13E-05	2.11E-01	7.45E-02	3.54E-01	1.17E-01
762 Gridded	3.89E-05	1.25E-05	8.46E-06	2.70E-06	4.49E-04	1.46E-04	4.71E-04	1.52E-04	5.55E-04	1.77E-04	1.05E-05	3.42E-06	1.78E-03	5.79E-04	2.13E-03	6.86E-04	3.32E-03	1.02E-03	4.54E-04	1.47E-04	8.33E-05	2.71E-05	2.41E-05	7.84E-06	5.70E-05	1.85E-05	3.08E-05	3.08E-05	2.10E-01	6.83E-02	3.45E-01	9.89E-02
763 Gridded	3.87E-05	1.19E-05	8.24E-06	2.63E-06	4.55E-04	1.35E-04	4.74E-04	1.42E-04	5.39E-04	1.73E-04	1.07E-05	3.16E-06	1.81E-03	5.37E-04	2.11E-03	6.53E-04	3.13E-03	1.11E-03	4.59E-04	1.37E-04	8.47E-05	2.50E-05	2.45E-05	7.24E-06	5.80E-05	1.71E-05	3.16E-05	3.16E-05	2.14E-01	6.80E-02	3.43E-01	1.16E-01
764 Gridded	4.97E-05	1.01E-05	1.04E-05	2.27E-06	5.91E-04	1.12E-04	6.14E-04	1.19E-04	6.81E-04	1.50E-04	1.39E-05	2.62E-06	2.36E-03	4.46E-04	2.71E-03	5.55E-04	3.36E-03	1.04E-03	5.96E-04	1.14E-04	1.10E-04	2.07E-05	3.20E-05	6.00E-06	7.55E-05	1.42E-05	2.84E-05	2.84E-05	2.13E-01	7.43E-02	3.77E-01	1.19E-01
765 Gridded	5.89E-05	1.12E-05	1.30E-05	2.44E-06	6.69E-04	1.29E-04	7.06E-04	1.36E-04	8.56E-04	1.60E-04	1.57E-05	3.03E-06	2.66E-03	5.14E-04	3.24E-03	6.14E-04	5.51E-03	1.03E-03	6.77E-04	1.31E-04	1.24E-04	2.40E-05	3.59E-05	6.94E-06	8.48E-05	1.64E-05	2.83E-05	2.83E-05	2.08E-01	7.86E-02	5.13E-01	1.17E-01
766 Gridded	1.84E-05	2.95E-06	3.97E-06	6.59E-07	2.25E-04	3.31E-05	2.28E-04	3.51E-05	2.60E-04	4.34E-05	5.38E-06	7.72E-07	9.00E-04	1.31E-04	1.01E-03	1.62E-04	2.51E-03	2.95E-04	2.26E-04	3.35E-05	4.26E-05	6.11E-06	1.23E-05	1.77E-06	2.91E-05	4.18E-06	8.14E-06	8.14E-06	9.19E-02	1.72E-02	1.94E-01	2.91E-02
767 Gridded	1.99E-05	3.03E-06	4.27E-06	6.62E-07	2.32E-04	3.48E-05	2.42E-04	3.66E-05	2.80E-04	4.35E-05	5.45E-06	8.17E-07	9.23E-04	1.39E-04	1.09E-03	1.66E-04	2.70E-03	2.92E-04	2.34E-04	3.52E-05	4.32E-05	6.47E-06	1.25E-05	1.87E-06	2.95E-05	4.42E-06	7.75E-06	7.75E-06	9.32E-02	1.90E-02	2.37E-01	3.01E-02
768 Gridded	2.05E-05	3.10E-06	4.28E-06	6.88E-07	2.51E-04	3.50E-05	2.58E-04	3.70E-05	2.80E-04	4.53E-05	5.96E-06	8.19E-07	1.00E-03	1.39E-04	1.11E-03	1.70E-04	2.50E-03	2.97E-04	2.53E-04	3.55E-05	4.72E-05	6.48E-06	1.37E-05	1.88E-06	3.23E-05	4.44E-06	8.35E-06	8.35E-06	1.00E-01	1.93E-02	2.42E-01	3.38E-02
769 Gridded	2.68E-05	2.91E-06	5.34E-06	6.55E-07	3.34E-04	3.25E-05	3.41E-04	3.45E-05	3.45E-04	4.32E-05	7.93E-06	7.57E-07	1.33E-03	1.29E-04	1.45E-03	1.60E-04	2.42E-03	3.00E-04	3.35E-04	3.29E-05	6.27E-05	5.99E-06	1.82E-05	1.73E-06	4.29E-05	4.10E-06	8.19E-06	8.19E-06	1.17E-01	1.75E-02	2.04E-01	3.36E-02
770 Gridded	3.03E-05	3.28E-06	5.96E-06	6.90E-07	3.82E-04	3.91E-05	3.89E-04	4.06E-05	3.84E-04	4.50E-05	9.10E-06	9.22E-07	1.53E-03	1.56E-04	1.63E-03	1.79E-04	2.94E-03	3.28E-04	3.84E-04	3.94E-05	7.20E-05	7.30E-06	2.08E-05	2.11E-06	4.93E-05	4.99E-06	7.65E-06	7.65E-06	1.26E-01	1.75E-02	2.34E-01	3.13E-02
771 Gridded	3.06E-05	4.42E-06	6.00E-06	9.36E-07	3.87E-04	5.21E-05	3.94E-04	5.43E-05	3.86E-04	6.12E-05	9.22E-06	1.23E-06	1.55E-03	2.08E-04	1.65E-03	2.41E-04	2.56E-03	3.73E-04	3.89E-04	5.26E-05	7.30E-05	9.72E-06	2.11E-05	2.81E-06	4.99E-05	6.65E-06	1.02E-05	1.02E-05	1.05E-01	2.05E-02	1.90E-01	3.73E-02
772 Gridded	2.75E-05	4.89E-06	5.49E-06	1.06E-06	3.42E-04	5.66E-05	3.50E-04	5.93E-05	3.55E-04	6.95E-05	8.13E-06	1.33E-06	1.37E-03	2.25E-04	1.49E-03	2.68E-04	2.53E-03	4.09E-04	3.44E-04	5.72E-05	6.44E-05	1.05E-05	1.86E-05	3.04E-06	4.41E-05	7.19E-06	1.22E-05	1.22E-05	1.16E-01	2.19E-02	2.12E-01	4.09E-02
773 Gridded	2.43E-05	4.66E-06	5.01E-06	1.04E-06	2.96E-04	5.26E-05	3.05E-04	5.54E-05	3.26E-04	6.86E-05	7.10E-06	1.25E-06	1.18E-03	2.10E-04	1.32E-03	2.56E-04	2.84E-03	4.66E-04	2.97E-04	5.29E-05	5.62E-05	9.92E-06	1.63E-05	2.87E-06	3.85E-05	6.78E-06	1.29E-05	1.29E-05	1.16E-01	2.76E-02	2.25E-01	4.64E-02
774 Gridded	2.65E-05	4.02E-06	5.88E-06	8.88E-07	3.06E-04	4.82E-05	3.16E-04	4.93E-05	3.87E-04	5.88E-05	7.26E-06	1.14E-06	1.22E-03	1.92E-04	1.46E-03	2.20E-04	2.67E-03	4.59E-04	3.08E-04	4.85E-05	5.75E-05	9.06E-06	1.66E-05	2.62E-06	3.93E-05	6.20E-06	1.18E-05	1.18E-05	1.45E-01	3.20E-02	2.49E-01	5.87E-02
775 Gridded	3.02E-05	4.42E-06	6.39E-06	9.39E-07	3.57E-04	5.21E-05	3.72E-04	5.43E-05	4.17E-04	6.14E-05	8.42E-06	1.23E-06	1.42E-03	2.07E-04	1.65E-03	2.41E-04	3.11E-03	3.76E-04	3.61E-04	5.26E-05	6.66E-05	9.71E-06	1.93E-05	2.81E-06	4.56E-05	6.64E-06	1.05E-05	1.05E-05	1.56E-01	3.05E-02	2.73E-01	5.94E-02
776 Gridded	3.00E-05	4.23E-06	5.93E-06	9.27E-07	3.77E-04	4.85E-05	3.84E-04	5.10E-05	3.92E-04	6.09E-05	8.96E-06	1.14E-06	1.50E-03	1.93E-04	1.62E-03	2.32E-04	2.80E-03	3.76E-04	3.78E-04	4.90E-05	7.09E-05	8.99E-06	2.05E-05	2.60E-06	4.85E-05	6.15E-06	1.09E-05	1.09E-05	1.32E-01	2.43E-02	2.51E-01	4.57E-02
777 Gridded	3.70E-05	4.73E-06	7.57E-06	1.04E-06	4.51E-04	5.36E-05	4.64E-04	5.66E-05	4.91E-04	6.87E-05	1.07E-05	1.25E-06	1.80E-03	2.13E-04	2.01E-03	2.59E-04	2.96E-03	4.43E-04	4.54E-04	5.43E-05	8.45E-05	9.93E-06	2.44E-05	2.87E-06	5.78E-05	6.79E-06	1.26E-05	1.26E-05	1.46E-01	2.69E-02	2.81E-01	4.53E-02
778 Gridded	3.41E-05	4.61E-06	7.26E-06	1.03E-06	4.00E-04	5.17E-05	4.17E-04	5.48E-05	4.75E-04	6.78E-05	9.41E-06	1.21E-06	1.59E-03	2.06E-04	1.86E-03	2.53E-04	2.98E-03	4.57E-04	4.04E-04	5.24E-05	7.45E-05	9.56E-06	2.16E-05	2.77E-06	5.10E-05	6.54E-06	1.27E-05	1.27E-05	2.12E-01	2.82E-02	3.99E-01	4.72E-02
779 Gridded	6.39E-05	4.15E-06	1.34E-05	8.26E-07	7.64E-04	5.18E-05	7.92E-04	5.29E-05	8.72E-04	5.33E-05	1.80E-05	1.23E-06	3.04E-03	2.07E-04	3.48E-03	2.24E-04	4.19E-03	3.62E-04	7.70E-04	5.21E-05	1.43E-04	9.75E-06	4.13E-05	2.82E-06	9.76E-05	6.67E-06	9.34E-06	9.34E-06	2.67E-01	2.69E-02	5.17E-01	4.89E-02
780 Gridded	7.56E-05	3.94E-06	1.68E-05	8.66E-07	8.55E-04	4.53E-05	9.03E-04	4.74E-05	1.10E-03	5.69E-05	2.00E-05	1.06E-06	3.40E-03	1.80E-04	4.15E-03	2.16E-04	7.23E-03	3.60E-04	8.65E-04	4.58E-05	1.58E-04	8.43E-06	4.58E-05	2.44E-06	1.08E-04	5.77E-06	1.03E-05	1.03E-05	2.17E-01	2.69E-02	4.29E-01	5.27E-02
781 Gridded	4.51E-05	4.06E-06	1.09E-05	8.84E-07	4.61E-04	4.67E-05	5.06E-04	4.91E-05	7.28E-04	5.80E-05	1.06E-05	1.10E-06	1.83E-03	1.86E-04	2.51E-03	2.22E-04	6.55E-03	3.76E-04	4.71E-04	4.72E-05	8.38E-05	8.67E-06	2.43E-05	2.51E-06	5.73E-05	5.93E-06	1.03E-05	1.03E-05	1.98E-01	3.51E-02	4.18E-01	6.33E-02
782 Gridded	3.27E-05	3.69E-06	7.12E-06	7.98E-07	3.76E-04	4.35E-05	3.95E-04	4.53E-05	4.68E-04	5.24E-05	8.82E-06	1.02E-06	1.50E-03	1.73E-04	1.79E-03	2.01E-04	3.25E-03	3.71E-04	3.80E-04	4.39E-05	6.98E-05	8.11E-06	2.02E-05	2.35E-06	4.78E-05	5.55E-06	9.50E-06	9.50E-06	2.63E-01	4.42E-02	5.05E-01	8.32E-02
783 Gridded	3.51E-05	5.00E-06	7.23E-06	1.01E-06	4.26E-04	6.18E-05	4.40E-04	6.34E-05	4.71E-04	6.53E-05	1.01E-05	1.47E-06	1.70E-03	2.47E-04	1.91E-03	2.71E-04	2.98E-03	2.93E-04	4.29E-04	6.22E-05	7.98E-05	1.16E-05	2.31E-05	3.36E-06	5.46E-05	7.95E-06	9.46E-06	9.46E-06	2.38E-01	4.79E-02	5.17E-01	9.59E-02
784 Gridded	4.77E-05	4.46E-06	1.04E-05	9.79E-07	5.51E-04	5.13E-05	5.78E-04	5.36E-05	6.79E-04	6.44E-05	1.29E-05	1.21E-06	2.19E-03	2.05E-04	2.61E-03	2.45E-04	4.03E-03	4.05E-04	5.57E-04	5.17E-05	1.02E-04	9.61E-06	2.96E-05	2.78E-06	7.00E-05	6.57E-06	1.16E-05	1.16E-05	2.69E-01	3.86E-02	5.56E-01	6.91E-02
785 Gridded	3.90E-05	6.60E-06	8.15E-06	1.36E-06	5.11E-04	8.01E-05	5.14E-04	8.26E-05	5.33E-04	8.83E-05	1.22E-05	1.90E-06	2.04E-03	3.19E-04	2.09E-03	3.58E-04	3.59E-03	3.85E-04	5.12E-04	8.07E-05	9.69E-05	1.50E-05	2.81E-05	4.34E-06	6.63E-05	1.03E-05	1.36E-05	1.36E-05	2.21E-01	2.65E-02	4.03E-01	4.68E-02
786 Gridded	5.00E-05	8.54E-06	9.86E-06	1.79E-06	6.29E-04	1.02E-04	6.41E-04	1.06E-04	6.36E-04	1.17E-04	1.50E-05	2.40E-06	2.51E-03	4.06E-04	2.70E-03	4.65E-04	3.70E-03	5.69E-04	6.32E-04	1.03E-04	1.19E-04	1.90E-05	3.43E-05	5.51E-06	8.11E-05	1.30E-05	1.89E-05	1.89E-05	2.27E-01	3.38E-02	5.04E-01	6.53E-02
787 Gridded	3.97E-05	5.51E-06	9.08E-06	1.32E-06	4.64E-04	5.70E-05	4.85E-04	6.22E-05	6.05E-04	8.81E-05	1.09E-05	1.31E-06	1.85E-03	2.26E-04	2.17E-03	3.07E-04	5.34E-03	7.71E-04	4.69E-04	5.82E-05	8.64E-05	1.04E-05	2.50E-05	3.01E-06	5.91E-05	7.11E-06	1.88E-05	1.88E-05	3.13E-01	2.27E-02	6.07E-01	4.22E-02
788 Gridded	5.44E-05	3.71E-06	1.16E-05	8.07E-07	6.46E-04	4.28E-05	6.71E-04	4.49E-05	7.64E-04	5.30E-05	1.52E-05	1.00E-06	2.57E-03	1.70E-04	2.96E-03	2.03E-04	5.06E-03	3.37E-04	6.51E-04	4.33E-05	1.20E-04	7.95E-06	3.49E-05	2.30E-06	8.24E-05	5.44E-06	9.35E-06	9.35E-06	2.67E-01	2.25E-02	5.93E-01	4.05E-02
789 Gridded	3.88E-05	3.87E-06	8.23E-06	8.42E-07	4.81E-04	4.45E-05	4.89E-04	4.67E-05	5.38E-04	5.53E-05	1.15E-05	1.04E-06	1.92E-03	1.77E-04	2.11E-03	2.12E-04	4.75E-03	3.34E-04	4.83E-04	4.50E-05	9.09E-05	8.25E-06	2.63E-05	2.39E-06	6.22E-05	5.65E-06	9.81E-06	9.81E-06	2.06E-01	2.02E-02	3.74E-01	3.64E-02
790 Gridded	3.88E-05	3.89E-06	7.96E-06	8.41E-07	4.92E-04	4.50E-05	5.00E-04	4.72E-05	5.26E-04	5.52E-05	1.17E-05	1.06E-06	1.96E-03	1.79E-04	2.09E-03	2.13E-04	3.78E-03	3.22E-04	4.94E-04	4.55E-05	9.28E-05	8.38E-06	2.69E-05	2.43E-06	6.35E-05	5.74E-06	9.64E-06	9.64E-06	2.36E-01	2.96E-02	5.36E-01	5.21E-02
791 Gridded	3.44E-05	4.31E-06	7.21E-06	9.22E-07	4.38E-04	5.17E-05	4.45E-04	5.35E-05	4.71E-04	6.05E-05	1.05E-05	1.22E-06	1.75E-03	2.06E-04	1.85E-03	2.34E-04	3.92E-03	3.87E-04	4.40E-04	5.21E-05	8.27E-05	9.67E-06	2.40E-05	2.80E-06	5.66E-05	6.62E-06	1.06E-05	1.06E-05	2.29E-01	3.12E-02	5.10E-01	6.25E-02
792 Gridded	3.58E-05	4.26E-06	7.37E-06	9.28E-07	4.39E-04	4.91E-05	4.51E-04	5.15E-05	4.86E-04	6.09E-05	1.04E-05	1.15E-06	1.75E-03	1.95E-04	1.94E-03	2.34E-04	3.37E-03	3.68E-04	4.41E-04	4.96E-05	8.23E-05	9.11E-06	2.38E-05	2.64E-06	5.63E-05	6.23E-06	1.08E-05	1.08E-05	1.94E-01	2.71E-02	7.20E-01	8.80E-02
793 Gridded	2.97E-05	3.54E-06	6.56E-06	7.78E-07	3.49E-04	4.04E-05	3.58E-04	4.26E-05	4.32E-04	5.12E-05	8.37E-06	9.46E-07	1.40E-03	1.61E-04	1.63E-03	1.94E-04	3.19E-03	3.43E-04	3.49E-04	4.09E-05	6.63E-05	7.49E-06	1.92E-05	2.17E-06	4.54E-05	5.12E-06	9.26E-06	9.26E-06	1.84E-01	3.01E-02	6.24E-01	6.89E-02
794 Gridded	3.19E-05	3.92E-06	6.59E-06	8.70E-07	3.86E-04	4.42E-05	3.99E-04	4.67E-05	4.29E-04	5.73E-05	9.14E-06	1.03E-06	1.54E-03	1.76E-04	1.73E-03	2.15E-04	3.08E-03	3.79E-04	3.89E-04	4.48E-05	7.23E-05	8.18E-06	2.09E-05	2.37E-06	4.95E-05	5.59E-06	1.06E-05	1.06E-05	2.12E-01	3.06E-02	5.44E-01	5.37E-02
795 Gridded	3.07E-05	3.15E-06	6.22E-06	6.71E-07	3.77E-04	3.75E-05	3.87E-04	3.87E-05	4.08E-04	4.38E-05	8.95E-06	8.87E-07	1.50E-03	1.50E-04	1.66E-03	1.72E-04	2.88E-03	2.82E-04	3.80E-04	3.78E-05	7.08E-05	7.02E-06	2.05E-05	2.03E-06	4.85E-05	4.81E-06	7.60E-06	7.60E-06	1.94E-01	2.92E-02	5.33E-01	5.74E-02
796 Gridded	3.80E-05	3.30E-06	7.90E-06	7.26E-07	4.56E-04	3.83E-05	4.72E-04	3.99E-05	5.14E-04	4.77E-05	1.08E-05	9.01E-07	1.82E-03	1.52E-04	2.06E-03	1.81E-04	2.91E-03	3.00E-04	4.59E-04	3.86E-05	8.52E-05	7.14E-06	2.47E-05	2.07E-06	5.83E-05	4.88E-06	8.62E-06	8.62E-06	2.45E-01	2.79E-02	7.65E-01	6.04E-02
797 Gridded	3.80E-05	3.87E-06	7.98E-06	8.46E-07	4.57E-04	4.43E-05	4.73E-04	4.66E-05	5.25E-04	5.56E-05	1.08E-05	1.04E-06	1.82E-03	1.76E-04	2.07E-03	2.12E-04	3.38E-03	3.43E-04	4.60E-04	4.48E-05	8.54E-05	8.21E-06	2.47E-05	2.38E-06	5.84E-05	5.62E-06	9.97E-06	9.97E-06	2.49E-01	2.60E-02	6.78E-01	4.56E-02
798 Gridded	4.21E-05	3.71E-06	8.54E-06	8.34E-07	5.16E-04	4.14E-05	5.30E-04	4.40E-05	5.54E-04	5.50E-05	1.22E-05	9.66E-07	2.06E-03	1.65E-04	2.28E-03	2.05E-04	3.71E-03	3.81E-04	5.19E-04	4.20E-05	9.69E-05	7.65E-06	2.80E-05	2.21E-06	6.63E-05	5.23E-06	1.04E-05	1.04E-05	2.36E-01	1.94E-02	4.47E-01	3.80E-02
799 Gridded	3.74E-05	4.22E-06	7.55E-06	8.40E-07	4.60E-04	5.27E-05	4.72E-04	5.39E-05	4.89E-04	5.43E-05	1.09E-05	1.25E-06	1.84E-03	2.10E-04	2.02E-03	2.28E-04	2.76E-03	2.98E-04	4.63E-04	5.30E-05	8.64E-05	9.92E-06	2.50E-05	2.87E-06	5.91E-05	6.79E-06	7.76E-06	7.76E-06	2.08E-01	2.47E-02	3.93E-01	4.71E-02
800 Gridded	4.09E-05	4.92E-06	7.48E-06	9.47E-07	5.46E-04	6.32E-05	5.46E-04	6.40E-05	4.75E-04	6.07E-05	1.31E-05	1.51E-06	2.18E-03	2.52E-04	2.18E-03	2.65E-04	2.62E-03	2.97E-04	5.46E-04	6.34E-05	1.04E-04	1.19E-05	3.00E-05	3.46E-06	7.10E-05	8.17E-06	9.38E-06	9.38E-06	1.97E-01	2.56E-02	3.61E-01	4.29E-02
801 Gridded	3.36E-05	4.62E-06	7.33E-06	1.02E-06	3.87E-04	5.25E-05	4.06E-04	5.54E-05	4.81E-04	6.70E-05	9.25E-06	1.23E-06	1.54E-03	2.09E-04	1.84E-03	2.54E-04	2.92E-03	4.30E-04	3.91E-04	5.31E-05	7.32E-05	9.72E-06	2.12E-05	2.81E-06	5.01E-05	6.65E-06	1.22E-05	1.22E-05	2.27E-01	2.96E-02	4.59E-01	4.62E-02
802 Gridded	3.89E-05	5.62E-06	8.08E-06	1.22E-06	4.68E-04	6.49E-05	4.84E-04	6.81E-05	5.26E-04	8.01E-05	1.10E-05	1.52E-06	1.86E-03	2.58E-04	2.11E-03	3.08E-04	3.31E-03	4.75E-04	4.71E-04	6.56E-05	8.75E-05	1.21E-05	2.53E-05	3.49E-06	5.98E-05	8.25E-06	1.41E-05	1.41E-05	2.06E-01	3.66E-02	4.56E-01	5.55E-02
803 Gridded	3.89E-05	4.74E-06	8.52E-06	1.05E-06	4.45E-04	5.36E-05	4.68E-04	5.66E-05	5.60E-04	6.89E-05	1.04E-05	1.25E-06	1.77E-03	2.13E-04	2.13E-03	2.60E-04	3.47E-03	4.48E-04	4.50E-04	5.43E-05	8.25E-05	9.93E-06	2.39E-05	2.87E-06	5.64E-05	6.79E-06	1.27E-05	1.27E-05	2.04E-01	3.69E-02	3.28E-01	5.85E-02
804 Gridded	3.54E-05	5.51E-06	7.56E-06	1.16E-06	4.66E-04	6.53E-05	4.68E-04	6.79E-05	5.01E-04	7.58E-05	1.12E-05	1.54E-06	1.86E-03	2.60E-04	1.89E-03	3.00E-04	3.86E-03	3.83E-04	4.66E-04	6.59E-05	8.83E-05	1.22E-05	2.56E-05	3.53E-06	6.04E-05	8.34E-06	1.25E-05	1.25E-05	2.03E-01	4.14E-02	3.77E-01	6.34E-02
805 Gridded	3.61E-05	6.13E-06	6.75E-06	1.29E-06	4.72E-04	7.29E-05	4.75E-04	7.57E-05	4.32E-04	8.42E-05	1.13E-05	1.72E-06	1.89E-03	2.90E-04	1.93E-03	3.34E-04	3.34E-03	4.61E-04	4.73E-04	7.35E-05	8.95E-05	1.36E-05	2.59E-05	3.94E-06	6.12E-05	9.31E-06	1.38E-05	1.38E-05	2.44E-01	5.34E-02	3.93E-01	7.11E-02
806 Gridded	3.32E-05	7.95E-06	7.04E-06	1.70E-06	3.91E-04	9.28E-05	4.07E-04	9.70E-05	4.60E-04	1.12E-04	9.21E-06	2.18E-06	1.56E-03	3.69E-04	1.81E-03	4.34E-04	2.90E-03	6.20E-04	3.95E-04	9.37E-05	7.29E-05	1.73E-05	2.11E-05	5.00E-06	4.99E-05	1.18E-05	1.91E-05	1.91E-05	2.33E-01	5.03E-02	3.65E-01	6.53E-02
807 Gridded	2.71E-05	6.06E-06	6.06E-06	1.34E-06	3.04E-04	6.85E-05	3.23E-04	7.24E-05	4.00E-04	8.84E-05	7.11E-06	1.60E-06	1.21E-03	2.72E-04	1.49E-03	3.33E-04	2.71E-03	5.79E-04	3.08E-04	6.94E-05	5.63E-05	1.27E-05	1.63E-05	3.67E-06	3.85E-05	8.67E-06	1.63E-05	1.63E-05	1.67E-01	4.04E-02	4.11E-01	6.88E-02
808 Gridded	2.22E-05	5.03E-06	4.95E-06	1.09E-06	2.53E-04	5.81E-05	2.65E-04	6.09E-05	3.26E-04	7.18E-05	6.00E-06	1.36E-06	1.01E-03	2.31E-04	1.22E-03	2.76E-04	2.18E-03	4.28E-04	2.55E-04	5.87E-05	4.75E-05	1.08E-05	1.38E-05	3.12E-06	3.25E-05	7.38E-06	1.27E-05	1.27E-05	1.74E-01	4.82E-02	4.49E-01	8.01E-02
809 Gridded	2.16E-05	5.48E-06	4.59E-06	1.16E-06	2.56E-04	6.48E-05	2.66E-04	6.74E-05	3.00E-04	7.59E-05	6.02E-06	1.53E-06	1.02E-03	2.58E-04	1.18E-03	2.99E-04	3.47E-03	4.16E-04	2.58E-04	6.53E-05	4.76E-05	1.21E-05	1.38E-05	3.50E-06	3.26E-05	8.26E-06	1.26E-05	1.26E-05	1.79E-01	5.69E-02	3.79E-01	9.75E-02
810 Gridded	2.27E-05	7.41E-06	4.73E-06	1.55E-06	2.72E-04	8.86E-05	2.82E-04	9.19E-05	3.08E-04	1.01E-04	6.42E-06	2.09E-06	1.08E-03	3.53E-04	1.23E-03	4.03E-04	4.09E-03	4.96E-04	2.74E-04	8.94E-05	5.08E-05	1.66E-05	1.47E-05	4.80E-06	3.48E-05	1.13E-05	1.62E-05	1.62E-05	2.04E-01	6.89E-02	3.54E-01	1.12E-01
811 Gridded	2.92E-05	1.01E-05	6.24E-06	2.14E-06	3.43E-04	1.18E-04	3.58E-04	1.23E-04	4.08E-04	1.40E-04	8.07E-06	2.78E-06	1.37E-03	4.71E-04	1.60E-03	5.49E-04	2.55E-03	7.45E-04	3.46E-04	1.19E-04	6.39E-05	2.20E-05	1.85E-05	6.38E-06	4.37E-05	1.51E-05	2.35E-05	2.35E-05	1.96E-01	6.79E-02	3.32E-01	9.94E-02
812 Gridded	3.76E-05	1.23E-05	7.95E-06	2.68E-06	4.46E-04	1.40E-04	4.63E-04	1.48E-04	5.19E-04	1.76E-04	1.05E-05	3.29E-06	1.77E-03	5.58E-04	2.05E-03	6.72E-04	3.18E-03	1.09E-03	4.50E-04	1.42E-04	8.31E-05	2.60E-05	2.41E-05	7.54E-06	5.69E-05	1.78E-05	3.16E-05	3.16E-05	2.40E-01	7.25E-02	3.65E-01	1.23E-01
813 Gridded	4.75E-05	1.07E-05	9.84E-06	2.40E-06	5.74E-04	1.20E-04	5.93E-04	1.27E-04	6.40E-04	1.58E-04	1.36E-05	2.80E-06	2.29E-03	4.77E-04	2.58E-03	5.91E-04	3.34E-03	1.08E-03	5.78E-04	1.22E-04	1.07E-04	2.22E-05	3.11E-05	6.42E-06	7.34E-05	1.52E-05	2.98E-05	2.98E-05	2.30E-01	8.20E-02	3.89E-01	1.28E-01
814 Gridded	5.72E-05	1.02E-05	1.23E-05	2.23E-06	6.65E-04	1.18E-04	6.95E-04	1.24E-04	8.07E-04	1.47E-04	1.56E-05	2.76E-06	2.64E-03	4.69E-04	3.13E-03	5.61E-04	4.61E-03	9.19E-04	6.71E-04	1.19E-04	1.24E-04	2.19E-05	3.58E-05	6.33E-06	8.45E-05	1.50E-05	2.61E-05	2.61E-05	2.25E-01	7.73E-02	5.23E-01	1.11E-01
815 Gridded	4.34E-05	8.45E-06	9.58E-06	1.87E-06	4.92E-04	9.70E-05	5.19E-04	1.02E-04	6.30E-04	1.23E-04	1.15E-05	2.28E-06	1.95E-03	3.86E-04	2.38E-03	4.64E-04	4.07E-03	8.00E-04	4.98E-04	9.81E-05	9.10E-05	1.80E-05	2.64E-05	5.22E-06	6.23E-05	1.23E-05	2.26E-05	2.26E-05	2.51E-01	5.92E-02	5.30E-01	7.82E-02
816 Gridded	3.51E-05	8.50E-06	7.83E-06	1.84E-06	4.00E-04	9.85E-05	4.18E-04	1.03E-04	5.16E-04	1.21E-04	9.42E-06	2.31E-06	1.59E-03	3.92E-04	1.93E-03	4.65E-04	3.59E-03	7.05E-04	4.03E-04	9.95E-05	7.46E-05	1.83E-05	2.16E-05	5.30E-06	5.10E-05	1.25E-05	2.11E-05	2.11E-05	2.46E-01	4.66E-02	4.02E-01	7.28E-02
817 Gridded	2.41E-05	3.56E-06	4.50E-06	7.92E-07	3.19E-04	4.01E-05	3.20E-04	4.24E-05	2.91E-04	5.22E-05	7.66E-06	9.37E-07	1.28E-03	1.59E-04	1.29E-03	1.96E-04	1.78E-03	3.48E-04	3.20E-04	4.06E-05	6.06E-05	7.42E-06	1.75E-05	2.15E-06	4.15E-05	5.07E-06	9.70E-06	9.70E-06	1.03E-01	1.60E-02	1.78E-01	3.25E-02
818 Gridded	2.23E-05	3.37E-06	4.16E-06	7.50E-07	2.92E-04	3.79E-05	2.94E-04	4.01E-05	2.65E-04	4.94E-05	6.99E-06	8.85E-07	1.17E-03	1.51E-04	1.19E-03	1.85E-04	2.02E-03	3.31E-04	2.92E-04	3.84E-05	5.54E-05	7.01E-06	1.60E-05	2.03E-06	3.79E-05	4.79E-06	9.20E-06	9.20E-06	1.07E-01	1.86E-02	1.89E-01	3.22E-02
819 Gridded	1.96E-05	3.12E-06	4.19E-06	6.96E-07	2.35E-04	3.50E-05	2.40E-04	3.71E-05	2.74E-04	4.59E-05	5.62E-06	8.18E-07	9.39E-04	1.39E-04	1.07E-03	1.72E-04	2.41E-03	3.10E-04	2.36E-04	3.55E-05	4.45E-05	6.48E-06	1.29E-05	1.87E-06	3.04E-05	4.43E-06	8.58E-06	8.58E-06	1.01E-01	2.10E-02	2.40E-01	3.25E-02
820 Gridded	1.98E-05	3.20E-06	4.25E-06	7.01E-07	2.33E-04	3.67E-05	2.42E-04	3.86E-05	2.78E-04	4.61E-05	5.51E-06	8.59E-07	9.30E-04	1.46E-04	1.08E-03	1.76E-04	2.45E-03	3.07E-04	2.35E-04	3.71E-05	4.37E-05	6.80E-06	1.26E-05	1.97E-06	2.99E-05	4.65E-06	8.26E-06	8.26E-06	1.15E-01	2.19E-02	2.44E-01	3.74E-02
821 Gridded	2.40E-05	3.22E-06	4.77E-06	7.16E-07	3.01E-04	3.62E-05	3.07E-04	3.83E-05	3.08E-04	4.72E-05	7.15E-06	8.46E-07	1.20E-03	1.44E-04	1.30E-03	1.77E-04	2.85E-03	3.15E-04	3.02E-04	3.67E-05	5.66E-05	6.70E-06	1.64E-05	1.94E-06	3.87E-05	4.58E-06	8.77E-06	8.77E-06	1.38E-01	2.06E-02	2.68E-01	3.89E-02
822 Gridded	2.71E-05	3.06E-06	5.23E-06	6.90E-07	3.48E-04	3.46E-05	3.52E-04	3.61E-05	3.35E-04	4.55E-05	8.30E-06	8.16E-07	1.39E-03	1.38E-04	1.46E-03	1.69E-04	3.24E-03	3.66E-04	3.49E-04	3.49E-05	6.57E-05	6.46E-06	1.90E-05	1.87E-06	4.50E-05	4.42E-06	8.69E-06	8.69E-06	1.30E-01	1.75E-02	2.36E-01	3.55E-02
823 Gridded	2.68E-05	3.84E-06	5.15E-06	8.07E-07	3.45E-04	4.56E-05	3.49E-04	4.74E-05	3.30E-04	5.27E-05	8.23E-06	1.08E-06	1.38E-03	1.82E-04	1.44E-03	2.09E-04	2.98E-03	4.35E-04	3.46E-04	4.60E-05	6.51E-05	8.52E-06	1.89E-05	2.47E-06	4.46E-05	5.83E-06	9.47E-06	9.47E-06	1.26E-01	1.96E-02	2.50E-01	3.54E-02
824 Gridded	2.52E-05	4.74E-06	5.03E-06	1.01E-06	3.20E-04	5.56E-05	3.25E-04	5.80E-05	3.29E-04	6.61E-05	7.61E-06	1.31E-06	1.28E-03	2.21E-04	1.36E-03	2.59E-04	3.19E-03	4.28E-04	3.21E-04	5.61E-05	6.03E-05	1.04E-05	1.74E-05	3.00E-06	4.12E-05	7.08E-06	1.12E-05	1.12E-05	1.58E-01	2.21E-02	3.12E-01	4.10E-02
825 Gridded	2.53E-05	5.23E-06	5.34E-06	1.15E-06	3.04E-04	5.98E-05	3.11E-04	6.30E-05	3.49E-04	7.53E-05	7.30E-06	1.40E-06	1.22E-03	2.38E-04	1.38E-03	2.87E-04	3.08E-03	4.68E-04	3.04E-04	6.05E-05	5.78E-05	1.11E-05	1.67E-05	3.21E-06	3.96E-05	7.59E-06	1.35E-05	1.35E-05	1.59E-01	2.76E-02	2.86E-01	4.53E-02
826 Gridded	2.47E-05	4.75E-06	5.47E-06	1.08E-06	3.16E-04	5.70E-05	3.16E-04	5.80E-05	3.60E-04	7.12E-05	7.57E-06	1.36E-06	1.26E-03	2.27E-04	1.36E-03	2.62E-04	3.22E-03	5.12E-04	3.16E-04	5.72E-05	5.99E-05	1.07E-05	1.74E-05	3.11E-06	4.10E-05	7.35E-06	1.37E-05	1.37E-05	1.47E-01	3.36E-02	2.61E-01	5.92E-02
827 Gridded	2.89E-05	4.22E-06	5.94E-06	9.00E-07	3.50E-04	5.06E-05	3.61E-04	5.24E-05	3.86E-04	5.92E-05	8.29E-06	1.19E-06	1.40E-03	2.02E-04	1.57E-03	2.30E-04	2.89E-03	4.17E-04	3.53E-04	5.10E-05	6.56E-05	9.46E-06	1.90E-05	2.74E-06	4.49E-05	6.47E-06	1.08E-05	1.08E-05	1.61E-01	3.33E-02	2.86E-01	6.37E-02
828 Gridded	3.13E-05	4.68E-06	6.86E-06	1.01E-06	3.76E-04	5.41E-05	3.82E-04	5.67E-05	4.51E-04	6.64E-05	8.95E-06	1.27E-06	1.50E-03	2.15E-04	1.72E-03	2.56E-04	3.21E-03	4.01E-04	3.77E-04	5.47E-05	7.09E-05	1.01E-05	2.05E-05	2.91E-06	4.85E-05	6.88E-06	1.17E-05	1.17E-05	1.47E-01	2.87E-02	2.73E-01	5.64E-02
829 Gridded	4.01E-05	5.37E-06	8.17E-06	1.18E-06	4.90E-04	6.10E-05	5.04E-04	6.43E-05	5.30E-04	7.77E-05	1.16E-05	1.43E-06	1.95E-03	2.43E-04	2.17E-03	2.94E-04	3.48E-03	4.96E-04	4.93E-04	6.17E-05	9.18E-05	1.13E-05	2.66E-05	3.27E-06	6.28E-05	7.73E-06	1.42E-05	1.42E-05	1.58E-01	3.06E-02	3.16E-01	5.16E-02
830 Gridded	3.83E-05	5.11E-06	8.16E-06	1.14E-06	4.50E-04	5.76E-05	4.69E-04	6.09E-05	5.34E-04	7.50E-05	1.06E-05	1.34E-06	1.79E-03	2.29E-04	2.09E-03	2.81E-04	3.20E-03	5.01E-04	4.54E-04	5.83E-05	8.39E-05	1.06E-05	2.43E-05	3.08E-06	5.74E-05	7.28E-06	1.39E-05	1.39E-05	2.31E-01	3.17E-02	4.37E-01	5.29E-02
831 Gridded	6.93E-05	4.33E-06	1.44E-05	8.77E-07	8.33E-04	5.33E-05	8.62E-04	5.47E-05	9.37E-04	5.68E-05	1.97E-05	1.26E-06	3.32E-03	2.13E-04	3.77E-03	2.35E-04	4.30E-03	3.93E-04	8.40E-04	5.36E-05	1.56E-04	1.00E-05	4.51E-05	2.90E-06	1.07E-04	6.85E-06	1.05E-05	1.05E-05	2.89E-01	3.05E-02	5.67E-01	5.36E-02
832 Gridded	8.05E-05	4.21E-06	1.78E-05	9.12E-07	9.12E-04	4.86E-05	9.63E-04	5.09E-05	1.17E-03	6.00E-05	2.13E-05	1.14E-06	3.63E-03	1.93E-04	4.42E-03	2.30E-04	7.58E-03	3.79E-04	9.24E-04	4.91E-05	1.69E-04	9.02E-06	4.89E-05	2.61E-06	1.16E-04	6.17E-06	1.09E-05	1.09E-05	2.24E-01	2.90E-02	4.47E-01	5.70E-02
833 Gridded	4.63E-05	4.10E-06	1.12E-05	8.95E-07	4.73E-04	4.72E-05	5.18E-04	4.96E-05	7.49E-04	5.87E-05	1.08E-05	1.11E-06	1.87E-03	1.88E-04	2.58E-03	2.25E-04	6.76E-03	4.43E-04	4.83E-04	4.77E-05	8.59E-05	8.75E-06	2.49E-05	2.53E-06	5.88E-05	5.99E-06	1.05E-05	1.05E-05	2.25E-01	3.85E-02	4.30E-01	7.02E-02
834 Gridded	3.29E-05	3.98E-06	7.24E-06	8.47E-07	3.87E-04	4.69E-05	3.95E-04	4.89E-05	4.76E-04	5.53E-05	9.21E-06	1.10E-06	1.55E-03	1.87E-04	1.81E-03	2.17E-04	3.01E-03	3.45E-04	3.89E-04	4.73E-05	7.29E-05	8.74E-06	2.11E-05	2.53E-06	4.99E-05	5.98E-06	9.78E-06	9.78E-06	2.60E-01	4.76E-02	5.21E-01	9.46E-02
835 Gridded	3.71E-05	5.63E-06	7.94E-06	1.17E-06	4.37E-04	6.77E-05	4.53E-04	7.01E-05	5.19E-04	7.61E-05	1.03E-05	1.60E-06	1.74E-03	2.70E-04	2.02E-03	3.06E-04	3.78E-03	3.47E-04	4.41E-04	6.82E-05	8.17E-05	1.27E-05	2.37E-05	3.67E-06	5.59E-05	8.67E-06	1.20E-05	1.20E-05	2.81E-01	5.29E-02	5.87E-01	1.04E-01
836 Gridded	4.94E-05	6.45E-06	1.11E-05	1.32E-06	5.52E-04	7.88E-05	5.86E-04	8.11E-05	7.31E-04	8.56E-05	1.29E-05	1.87E-06	2.19E-03	3.14E-04	2.72E-03	3.50E-04	5.04E-03	4.59E-04	5.59E-04	7.93E-05	1.02E-04	1.48E-05	2.95E-05	4.27E-06	6.97E-05	1.01E-05	1.29E-05	1.29E-05	2.60E-01	3.40E-02	4.90E-01	5.84E-02
837 Gridded	4.67E-05	8.00E-06	9.26E-06	1.66E-06	5.85E-04	9.63E-05	5.97E-04	9.96E-05	5.99E-04	1.08E-04	1.39E-05	2.28E-06	2.34E-03	3.84E-04	2.52E-03	4.35E-04	3.95E-03	5.24E-04	5.88E-04	9.70E-05	1.10E-04	1.80E-05	3.19E-05	5.21E-06	7.54E-05	1.23E-05	1.71E-05	1.71E-05	2.51E-01	3.57E-02	5.48E-01	6.24E-02
838 Gridded	4.93E-05	7.51E-06	1.07E-05	1.68E-06	5.69E-04	8.43E-05	5.97E-04	8.93E-05	7.01E-04	1.11E-04	1.34E-05	1.97E-06	2.27E-03	3.35E-04	2.70E-03	4.13E-04	4.54E-03	7.48E-04	5.75E-04	8.54E-05	1.06E-04	1.56E-05	3.06E-05	4.51E-06	7.24E-05	1.07E-05	2.07E-05	2.07E-05	2.94E-01	2.81E-02	5.61E-01	5.83E-02

Scenario 1 Results

839 Gridded	5.76E-05	3.68E-06	1.25E-05	8.34E-07	6.92E-04	4.28E-05	7.16E-04	4.48E-05	8.18E-04	5.54E-05	1.64E-05	1.01E-06	2.76E-03	1.70E-04	3.14E-03	2.01E-04	4.94E-03	4.76E-04	6.98E-04	4.32E-05	1.29E-04	7.96E-06	3.75E-05	2.31E-06	8.86E-05	5.45E-06	1.12E-05	1.12E-05	3.12E-01	2.48E-02	6.88E-01	4.60E-02
840 Gridded	3.93E-05	4.04E-06	8.22E-06	8.76E-07	4.79E-04	4.66E-05	4.87E-04	4.89E-05	5.36E-04	5.75E-05	1.14E-05	1.09E-06	1.91E-03	1.85E-04	2.14E-03	2.21E-04	5.73E-03	3.41E-04	4.81E-04	4.71E-05	9.05E-05	8.65E-06	2.62E-05	2.50E-06	6.19E-05	5.92E-06	1.01E-05	1.01E-05	2.28E-01	2.41E-02	4.32E-01	4.63E-02
841 Gridded	3.80E-05	4.14E-06	8.52E-06	8.86E-07	4.85E-04	4.84E-05	4.88E-04	5.06E-05	5.62E-04	5.80E-05	1.16E-05	1.14E-06	1.94E-03	1.93E-04	2.09E-03	2.26E-04	3.92E-03	3.35E-04	4.86E-04	4.89E-05	9.19E-05	9.02E-06	2.66E-05	2.61E-06	6.29E-05	6.17E-06	9.90E-06	9.90E-06	2.56E-01	3.34E-02	6.12E-01	5.78E-02
842 Gridded	3.71E-05	4.61E-06	7.24E-06	9.96E-07	4.72E-04	5.35E-05	4.79E-04	5.60E-05	4.73E-04	6.53E-05	1.12E-05	1.26E-06	1.88E-03	2.13E-04	2.00E-03	2.52E-04	3.94E-03	3.90E-04	4.73E-04	5.40E-05	8.90E-05	9.94E-06	2.58E-05	2.88E-06	6.09E-05	6.80E-06	1.14E-05	1.14E-05	2.52E-01	3.57E-02	6.58E-01	8.49E-02
843 Gridded	3.70E-05	4.53E-06	7.45E-06	9.85E-07	4.57E-04	5.22E-05	4.68E-04	5.48E-05	4.83E-04	6.47E-05	1.08E-05	1.22E-06	1.82E-03	2.08E-04	2.00E-03	2.48E-04	3.74E-03	3.88E-04	4.59E-04	5.28E-05	8.57E-05	9.69E-06	2.48E-05	2.80E-06	5.87E-05	6.63E-06	1.14E-05	1.14E-05	2.39E-01	3.29E-02	7.75E-01	9.44E-02
844 Gridded	3.14E-05	3.94E-06	6.80E-06	8.62E-07	3.74E-04	4.52E-05	3.81E-04	4.75E-05	4.46E-04	5.66E-05	8.97E-06	1.06E-06	1.49E-03	1.80E-04	1.72E-03	2.16E-04	3.18E-03	3.59E-04	3.74E-04	4.57E-05	7.10E-05	8.38E-06	2.06E-05	2.43E-06	4.86E-05	5.74E-06	1.01E-05	1.01E-05	2.05E-01	3.69E-02	5.31E-01	6.67E-02
845 Gridded	3.30E-05	3.85E-06	7.12E-06	8.55E-07	3.83E-04	4.34E-05	4.01E-04	4.59E-05	4.67E-04	5.63E-05	8.98E-06	1.01E-06	1.52E-03	1.73E-04	1.80E-03	2.11E-04	3.53E-03	3.73E-04	3.87E-04	4.40E-05	7.11E-05	8.03E-06	2.06E-05	2.32E-06	4.87E-05	5.49E-06	1.04E-05	1.04E-05	2.35E-01	3.60E-02	6.27E-01	6.56E-02
846 Gridded	4.09E-05	3.71E-06	8.40E-06	7.89E-07	4.98E-04	4.45E-05	5.13E-04	4.60E-05	5.46E-04	5.16E-05	1.18E-05	1.05E-06	1.98E-03	1.77E-04	2.22E-03	2.02E-04	3.21E-03	2.90E-04	5.01E-04	4.48E-05	9.32E-05	8.31E-06	2.70E-05	2.41E-06	6.38E-05	5.69E-06	8.86E-06	8.86E-06	2.60E-01	3.25E-02	6.95E-01	6.97E-02
847 Gridded	4.19E-05	3.88E-06	8.98E-06	8.39E-07	4.89E-04	4.48E-05	5.11E-04	4.70E-05	5.88E-04	5.50E-05	1.15E-05	1.05E-06	1.95E-03	1.78E-04	2.29E-03	2.12E-04	3.27E-03	3.23E-04	4.94E-04	4.53E-05	9.11E-05	8.33E-06	2.64E-05	2.41E-06	6.23E-05	5.70E-06	9.65E-06	9.65E-06	2.46E-01	2.94E-02	6.51E-01	5.28E-02
848 Gridded	4.66E-05	4.19E-06	9.63E-06	9.30E-07	5.64E-04	4.73E-05	5.82E-04	5.00E-05	6.27E-04	6.12E-05	1.33E-05	1.11E-06	2.25E-03	1.88E-04	2.53E-03	2.30E-04	3.87E-03	4.04E-04	5.68E-04	4.79E-05	1.06E-04	8.75E-06	3.06E-05	2.53E-06	7.22E-05	5.99E-06	1.13E-05	1.13E-05	2.38E-01	2.23E-02	5.05E-01	4.24E-02
849 Gridded	4.64E-05	4.15E-06	9.41E-06	8.40E-07	5.69E-04	5.10E-05	5.85E-04	5.24E-05	6.10E-04	5.44E-05	1.35E-05	1.21E-06	2.27E-03	2.04E-04	2.51E-03	2.25E-04	3.27E-03	3.60E-04	5.73E-04	5.13E-05	1.07E-04	9.58E-06	3.09E-05	2.77E-06	7.31E-05	6.56E-06	9.42E-06	9.42E-06	2.26E-01	2.61E-02	4.64E-01	4.91E-02
850 Gridded	3.76E-05	5.07E-06	7.23E-06	9.81E-07	5.02E-04	6.47E-05	5.02E-04	6.56E-05	4.69E-04	6.30E-05	1.20E-05	1.54E-06	2.01E-03	2.58E-04	2.01E-03	2.73E-04	2.64E-03	2.81E-04	5.02E-04	6.49E-05	9.53E-05	1.22E-05	2.76E-05	3.54E-06	6.52E-05	8.36E-06	8.87E-06	8.87E-06	1.92E-01	2.62E-02	3.67E-01	4.62E-02
851 Gridded	3.99E-05	5.30E-06	8.77E-06	1.17E-06	5.00E-04	6.04E-05	5.00E-04	6.37E-05	5.76E-04	7.67E-05	1.20E-05	1.41E-06	2.00E-03	2.40E-04	2.19E-03	2.91E-04	3.61E-03	4.87E-04	5.00E-04	6.11E-05	9.49E-05	1.12E-05	2.75E-05	3.24E-06	6.50E-05	7.65E-06	1.39E-05	1.39E-05	2.52E-01	3.36E-02	5.17E-01	5.14E-02
852 Gridded	4.64E-05	6.50E-06	9.50E-06	1.41E-06	5.65E-04	7.50E-05	5.82E-04	7.87E-05	6.17E-04	9.27E-05	1.34E-05	1.76E-06	2.25E-03	2.98E-04	2.51E-03	3.56E-04	3.89E-03	5.56E-04	5.68E-04	7.58E-05	1.06E-04	1.39E-05	3.06E-05	4.03E-06	7.24E-05	9.53E-06	1.64E-05	1.64E-05	2.37E-01	4.20E-02	5.50E-01	6.32E-02
853 Gridded	4.60E-05	5.33E-06	9.96E-06	1.18E-06	5.33E-04	6.13E-05	5.59E-04	6.37E-05	6.53E-04	7.76E-05	1.25E-05	1.44E-06	2.12E-03	2.44E-04	2.52E-03	2.93E-04	3.81E-03	5.05E-04	5.39E-04	6.18E-05	9.91E-05	1.14E-05	2.87E-05	3.31E-06	6.78E-05	7.83E-06	1.43E-05	1.43E-05	2.27E-01	4.31E-02	3.82E-01	6.86E-02
854 Gridded	3.79E-05	5.98E-06	8.73E-06	1.26E-06	4.85E-04	7.07E-05	4.89E-04	7.35E-05	5.78E-04	8.26E-05	1.16E-05	1.67E-06	1.94E-03	2.82E-04	2.10E-03	3.26E-04	4.40E-03	4.26E-04	4.86E-04	7.13E-05	9.20E-05	1.32E-05	2.66E-05	3.82E-06	6.29E-05	9.02E-06	1.37E-05	1.37E-05	2.16E-01	4.74E-02	3.98E-01	6.85E-02
855 Gridded	4.04E-05	7.66E-06	7.71E-06	1.62E-06	5.22E-04	9.08E-05	5.27E-04	9.44E-05	4.94E-04	1.06E-04	1.25E-05	2.14E-06	2.09E-03	3.62E-04	2.17E-03	4.17E-04	3.86E-03	5.35E-04	5.23E-04	9.16E-05	9.87E-05	1.69E-05	2.86E-05	4.91E-06	6.75E-05	1.16E-05	1.74E-05	1.74E-05	2.82E-01	6.08E-02	4.47E-01	8.01E-02
856 Gridded	3.50E-05	8.38E-06	7.56E-06	1.82E-06	4.07E-04	9.68E-05	4.26E-04	1.02E-04	4.96E-04	1.19E-04	9.55E-06	2.27E-06	1.62E-03	3.85E-04	1.92E-03	4.59E-04	3.16E-03	7.03E-04	4.11E-04	9.79E-05	7.56E-05	1.80E-05	2.19E-05	5.21E-06	5.17E-05	1.23E-05	2.09E-05	2.09E-05	2.15E-01	4.86E-02	3.39E-01	6.87E-02
857 Gridded	3.01E-05	5.88E-06	6.74E-06	1.33E-06	3.36E-04	6.52E-05	3.57E-04	6.94E-05	4.45E-04	8.77E-05	7.84E-06	1.52E-06	1.34E-03	2.59E-04	1.66E-03	3.24E-04	3.06E-03	6.22E-04	3.41E-04	6.61E-05	6.21E-05	1.20E-05	1.80E-05	3.48E-06	4.25E-05	8.23E-06	1.68E-05	1.68E-05	1.97E-01	5.21E-02	3.85E-01	8.79E-02
858 Gridded	2.50E-05	5.23E-06	5.59E-06	1.10E-06	2.79E-04	6.21E-05	2.96E-04	6.45E-05	3.68E-04	7.18E-05	6.52E-06	1.46E-06	1.11E-03	2.47E-04	1.37E-03	2.85E-04	2.52E-03	4.33E-04	2.83E-04	6.27E-05	5.16E-05	1.16E-05	1.49E-05	3.36E-06	3.53E-05	7.93E-06	1.26E-05	1.26E-05	1.74E-01	5.15E-02	3.64E-01	8.85E-02
859 Gridded	2.19E-05	7.19E-06	4.51E-06	1.50E-06	2.66E-04	8.62E-05	2.74E-04	8.93E-05	2.93E-04	9.76E-05	6.29E-06	2.04E-06	1.06E-03	3.43E-04	1.19E-03	3.91E-04	2.64E-03	5.15E-04	2.68E-04	8.69E-05	4.98E-05	1.61E-05	1.44E-05	4.66E-06	3.41E-05	1.10E-05	1.59E-05	1.59E-05	2.12E-01	7.07E-02	3.71E-01	1.15E-01
860 Gridded	2.33E-05	9.00E-06	4.92E-06	1.90E-06	2.76E-04	1.07E-04	2.87E-04	1.11E-04	3.21E-04	1.24E-04	6.50E-06	2.51E-06	1.10E-03	4.24E-04	1.27E-03	4.91E-04	3.08E-03	6.40E-04	2.78E-04	1.07E-04	5.15E-05	1.99E-05	1.49E-05	5.75E-06	3.52E-05	1.36E-05	2.06E-05	2.06E-05	1.83E-01	6.76E-02	3.37E-01	1.00E-01
861 Gridded	2.40E-05	9.05E-06	5.22E-06	1.95E-06	2.86E-04	1.05E-04	2.97E-04	1.10E-04	3.42E-04	1.28E-04	6.76E-06	2.47E-06	1.14E-03	4.19E-04	1.32E-03	4.95E-04	2.54E-03	7.34E-04	2.89E-04	1.06E-04	5.35E-05	1.96E-05	1.55E-05	5.66E-06	3.66E-05	1.34E-05	2.22E-05	2.22E-05	1.93E-01	5.98E-02	3.07E-01	1.01E-01
862 Gridded	2.79E-05	7.85E-06	5.91E-06	1.73E-06	3.32E-04	8.94E-05	3.43E-04	9.42E-05	3.86E-04	1.13E-04	7.90E-06	2.09E-06	1.33E-03	3.55E-04	1.52E-03	4.30E-04	2.00E-03	7.17E-04	3.34E-04	9.05E-05	6.25E-05	1.66E-05	1.81E-05	4.80E-06	4.28E-05	1.13E-05	2.06E-05	2.06E-05	2.03E-01	6.63E-02	3.08E-01	1.01E-01
863 Gridded	4.33E-05	7.10E-06	8.89E-06	1.55E-06	5.27E-04	8.18E-05	5.43E-04	8.59E-05	5.78E-04	1.01E-04	1.25E-05	1.92E-06	2.10E-03	3.25E-04	2.35E-03	3.89E-04	2.54E-03	6.62E-04	5.31E-04	8.27E-05	9.87E-05	1.52E-05	2.86E-05	4.40E-06	6.76E-05	1.04E-05	1.81E-05	1.81E-05	2.22E-01	6.53E-02	4.47E-01	9.03E-02
864 Gridded	5.01E-05	9.60E-06	1.08E-05	2.07E-06	5.81E-04	1.12E-04	6.08E-04	1.17E-04	7.10E-04	1.35E-04	1.36E-05	2.63E-06	2.31E-03	4.45E-04	2.74E-03	5.25E-04	4.12E-03	7.69E-04	5.87E-04	1.13E-04	1.08E-04	2.08E-05	3.12E-05	6.02E-06	7.39E-05	1.42E-05	2.34E-05	2.34E-05	2.75E-01	5.99E-02	6.09E-01	9.27E-02
865 Gridded	4.53E-05	1.15E-05	9.70E-06	2.52E-06	5.30E-04	1.33E-04	5.54E-04	1.39E-04	6.35E-04	1.65E-04	1.25E-05	3.11E-06	2.11E-03	5.27E-04	2.48E-03	6.33E-04	3.50E-03	1.01E-03	5.35E-04	1.34E-04	9.87E-05	2.46E-05	2.86E-05	7.12E-06	6.75E-05	1.68E-05	2.95E-05	2.95E-05	3.08E-01	6.38E-02	5.07E-01	9.54E-02
866 Gridded	4.96E-05	1.00E-05	1.10E-05	2.20E-06	5.61E-04	1.14E-04	5.93E-04	1.20E-04	7.22E-04	1.44E-04	1.31E-05	2.67E-06	2.23E-03	4.54E-04	2.72E-03	5.49E-04	4.71E-03	9.09E-04	5.68E-04	1.15E-04	1.04E-04	2.11E-05	3.01E-05	6.12E-06	7.10E-05	1.45E-05	2.61E-05	2.61E-05	2.57E-01	5.70E-02	3.79E-01	8.10E-02
867 Gridded	4.84E-05	7.99E-06	1.09E-05	1.75E-06	5.39E-04	9.15E-05	5.73E-04	9.63E-05	7.17E-04	1.15E-04	1.26E-05	2.14E-06	2.14E-03	3.64E-04	2.66E-03	4.38E-04	4.99E-03	7.06E-04	5.46E-04	9.26E-05	9.95E-05	1.70E-05	2.88E-05	4.91E-06	6.81E-05	1.16E-05	2.05E-05	2.05E-05	2.14E-01	4.76E-02	3.49E-01	6.42E-02
868 Gridded	2.70E-05	3.66E-06	6.07E-06	8.11E-07	3.00E-04	4.15E-05	3.19E-04	4.37E-05	4.01E-04	5.34E-05	6.99E-06	9.79E-07	1.19E-03	1.65E-04	1.49E-03	2.01E-04	2.81E-03	3.49E-04	3.04E-04	4.19E-05	5.54E-05	7.75E-06	1.60E-05	2.24E-06	3.79E-05	5.30E-06	9.84E-06	9.84E-06	1.02E-01	1.80E-02	2.29E-01	3.28E-02
869 Gridded	2.68E-05	3.76E-06	5.73E-06	8.34E-07	3.24E-04	4.35E-05	3.27E-04	4.52E-05	3.75E-04	5.49E-05	7.77E-06	1.03E-06	1.30E-03	1.73E-04	1.46E-03	2.06E-04	2.05E-03	3.62E-04	3.24E-04	4.39E-05	6.15E-05	8.13E-06	1.78E-05	2.35E-06	4.21E-05	5.56E-06	1.01E-05	1.01E-05	1.09E-01	1.65E-02	2.16E-01	3.30E-02
870 Gridded	2.56E-05	3.73E-06	4.90E-06	8.28E-07	3.39E-04	4.39E-05	3.40E-04	4.55E-05	3.18E-04	5.45E-05	8.13E-06	1.04E-06	1.36E-03	1.75E-04	1.37E-03	2.05E-04	1.86E-03	3.61E-04	3.39E-04	4.43E-05	6.44E-05	8.20E-06	1.86E-05	2.37E-06	4.40E-05	5.61E-06	1.01E-05	1.01E-05	1.18E-01	1.96E-02	2.12E-01	3.43E-02
871 Gridded	2.41E-05	3.68E-06	4.48E-06	8.18E-07	3.18E-04	4.28E-05	3.19E-04	4.45E-05	2.87E-04	5.39E-05	7.61E-06	1.01E-06	1.27E-03	1.70E-04	1.29E-03	2.02E-04	2.11E-03	3.59E-04	3.18E-04	4.32E-05	6.03E-05	7.98E-06	1.74E-05	2.31E-06	4.12E-05	5.46E-06	1.00E-05	1.00E-05	1.19E-01	2.29E-02	2.41E-01	3.55E-02
872 Gridded	1.96E-05	3.42E-06	3.81E-06	7.63E-07	2.55E-04	3.84E-05	2.57E-04	4.07E-05	2.51E-04	5.03E-05	6.09E-06	8.99E-07	1.02E-03	1.53E-04	1.05E-03	1.88E-04	2.30E-03	3.38E-04	2.55E-04	3.89E-05	4.82E-05	7.12E-06	1.39E-05	2.06E-06	3.30E-05	4.87E-06	9.38E-06	9.38E-06	1.27E-01	2.48E-02	2.49E-01	4.06E-02
873 Gridded	1.93E-05	3.42E-06	3.81E-06	7.51E-07	2.45E-04	3.91E-05	2.49E-04	4.12E-05	2.49E-04	4.93E-05	5.83E-06	9.15E-07	9.77E-04	1.55E-04	1.04E-03	1.88E-04	2.82E-03	3.31E-04	2.46E-04	3.95E-05	4.62E-05	7.25E-06	1.34E-05	2.10E-06	3.16E-05	4.96E-06	8.90E-06	8.90E-06	1.39E-01	2.44E-02	2.76E-01	4.44E-02
874 Gridded	2.19E-05	3.36E-06	4.40E-06	7.50E-07	2.85E-04	3.77E-05	2.88E-04	3.99E-05	2.88E-04	4.94E-05	6.82E-06	8.80E-07	1.14E-03	1.50E-04	1.18E-03	1.85E-04	2.95E-03	3.83E-04	2.86E-04	3.82E-05	5.40E-05	6.97E-06	1.56E-05	2.02E-06	3.70E-05	4.77E-06	9.25E-06	9.25E-06	1.25E-01	2.14E-02	2.27E-01	4.26E-02
875 Gridded	2.28E-05	3.31E-06	4.84E-06	7.00E-07	2.97E-04	3.92E-05	2.99E-04	4.08E-05	3.17E-04	4.62E-05	7.11E-06	9.25E-07	1.19E-03	1.56E-04	1.22E-03	1.80E-04	3.94E-03	5.01E-04	2.98E-04	3.96E-05	5.63E-05	7.32E-06	1.63E-05	2.12E-06	3.85E-05	5.01E-06	1.07E-05	1.07E-05	1.23E-01	1.84E-02	2.80E-01	3.55E-02
876 Gridded	2.46E-05	4.42E-06	5.11E-06	9.34E-07	2.98E-04	5.24E-05	3.07E-04	5.45E-05	3.35E-04	6.09E-05	7.07E-06	1.23E-06	1.19E-03	2.09E-04	1.34E-03	2.41E-04	4.49E-03	5.54E-04	3.00E-04	5.28E-05	5.60E-05	9.77E-06	1.62E-05	2.83E-06	3.83E-05	6.68E-06	1.17E-05	1.17E-05	1.54E-01	2.20E-02	3.54E-01	4.00E-02
877 Gridded	2.44E-05	5.39E-06	5.06E-06	1.16E-06	2.95E-04	6.28E-05	3.05E-04	6.57E-05	3.29E-04	7.59E-05	6.97E-06	1.48E-06	1.17E-03	2.50E-04	1.33E-03	2.95E-04	4.20E-03	5.17E-04	2.97E-04	6.34E-05	5.52E-05	1.17E-05	1.60E-05	3.38E-06	3.77E-05	7.99E-06	1.31E-05	1.31E-05	1.69E-01	2.60E-02	3.71E-01	4.66E-02
878 Gridded	2.36E-05	5.38E-06	4.72E-06	1.19E-06	3.14E-04	6.08E-05	3.14E-04	6.43E-05	3.10E-04	7.83E-05	7.54E-06	1.43E-06	1.26E-03	2.42E-04	1.26E-03	2.95E-04	3.49E-03	5.11E-04	3.14E-04	6.16E-05	5.97E-05	1.13E-05	1.73E-05	3.28E-06	4.08E-05	7.75E-06	1.44E-05	1.44E-05	1.65E-01	3.33E-02	3.35E-01	5.56E-02
879 Gridded	2.77E-05	4.49E-06	5.97E-06	1.01E-06	3.67E-04	5.63E-05	3.67E-04	5.74E-05	3.93E-04	6.70E-05	8.79E-06	1.34E-06	1.47E-03	2.25E-04	1.50E-03	2.46E-04	3.36E-03	5.05E-04	3.67E-04	5.65E-05	6.96E-05	1.06E-05	2.01E-05	3.07E-06	4.76E-05	7.25E-06	1.32E-05	1.32E-05	1.67E-01	3.70E-02	3.03E-01	6.85E-02
880 Gridded	3.41E-05	4.97E-06	7.23E-06	1.06E-06	4.20E-04	5.85E-05	4.22E-04	6.09E-05	4.72E-04	6.90E-05	1.01E-05	1.38E-06	1.68E-03	2.33E-04	1.86E-03	2.71E-04	3.48E-03	4.29E-04	4.21E-04	5.90E-05	7.98E-05	1.09E-05	2.31E-05	3.16E-06	5.46E-05	7.46E-06	1.21E-05	1.21E-05	1.61E-01	3.37E-02	2.81E-01	6.66E-02
881 Gridded	4.05E-05	5.50E-06	8.20E-06	1.21E-06	4.99E-04	6.28E-05	5.12E-04	6.62E-05	5.31E-04	7.94E-05	1.18E-05	1.47E-06	1.99E-03	2.50E-04	2.19E-03	3.02E-04	3.53E-03	4.98E-04	5.02E-04	6.35E-05	9.38E-05	1.16E-05	2.71E-05	3.37E-06	6.42E-05	7.97E-06	1.43E-05	1.43E-05	1.65E-01	3.31E-02	3.32E-01	5.31E-02
882 Gridded	4.29E-05	5.56E-06	9.09E-06	1.23E-06	5.07E-04	6.28E-05	5.28E-04	6.64E-05	5.94E-04	8.13E-05	1.20E-05	1.47E-06	2.02E-03	2.50E-04	2.34E-03	3.06E-04	3.31E-03	5.35E-04	5.12E-04	6.36E-05	9.46E-05	1.16E-05	2.74E-05	3.36E-06	6.47E-05	7.95E-06	1.50E-05	1.50E-05	2.49E-01	3.52E-02	4.74E-01	5.88E-02
883 Gridded	6.96E-05	4.88E-06	1.43E-05	1.01E-06	8.43E-04	5.91E-05	8.70E-04	6.10E-05	9.32E-04	6.55E-05	1.99E-05	1.40E-06	3.36E-03	2.36E-04	3.78E-03	2.65E-04	4.02E-03	4.17E-04	8.49E-04	5.95E-05	1.58E-04	1.11E-05	4.57E-05	3.20E-06	1.08E-04	7.57E-06	1.13E-05	1.13E-05	3.03E-01	3.31E-02	6.04E-01	5.92E-02
884 Gridded	8.28E-05	4.29E-06	1.82E-05	9.36E-07	9.44E-04	4.93E-05	9.94E-04	5.18E-05	1.20E-03	6.18E-05	2.21E-05	1.16E-06	3.75E-03	1.96E-04	4.54E-03	2.35E-04	7.55E-03	4.66E-04	9.55E-04	4.99E-05	1.75E-04	9.16E-06	5.06E-05	2.65E-06	1.20E-04	6.27E-06	1.22E-05	1.22E-05	2.32E-01	3.13E-02	4.37E-01	6.12E-02
885 Gridded	4.90E-05	4.36E-06	1.18E-05	9.53E-07	5.04E-04	5.00E-05	5.51E-04	5.26E-05	7.88E-04	6.26E-05	1.16E-05	1.17E-06	1.99E-03	1.99E-04	2.73E-03	2.39E-04	7.02E-03	4.03E-04	5.14E-04	5.05E-05	9.16E-05	9.27E-06	2.65E-05	2.68E-06	6.27E-05	6.34E-06	1.12E-05	1.12E-05	2.51E-01	4.37E-02	4.53E-01	8.00E-02
886 Gridded	3.68E-05	4.75E-06	7.62E-06	9.57E-07	4.50E-04	5.98E-05	4.63E-04	6.09E-05	5.02E-04	6.26E-05	1.07E-05	1.42E-06	1.79E-03	2.39E-04	1.99E-03	2.56E-04	3.47E-03	3.71E-04	4.53E-04	6.01E-05	8.44E-05	1.13E-05	2.44E-05	3.26E-06	5.77E-05	7.71E-06	1.06E-05	1.06E-05	2.63E-01	5.62E-02	5.46E-01	1.13E-01
887 Gridded	5.16E-05	6.11E-06	1.10E-05	1.30E-06	6.05E-04	7.16E-05	6.31E-04	7.47E-05	7.22E-04	8.52E-05	1.42E-05	1.69E-06	2.41E-03	2.85E-04	2.82E-03	3.33E-04	4.62E-03	4.62E-04	6.10E-04	7.23E-05	1.13E-04	1.33E-05	3.26E-05	3.86E-06	7.70E-05	9.13E-06	1.44E-05	1.44E-05	3.28E-01	5.61E-02	6.84E-01	1.09E-01
888 Gridded	4.91E-05	8.89E-06	9.23E-06	1.82E-06	6.40E-04	1.08E-04	6.45E-04	1.12E-04	6.11E-04	1.18E-04	1.53E-05	2.57E-06	2.56E-03	4.32E-04	2.63E-03	4.82E-04	4.74E-03	4.89E-04	6.41E-04	1.09E-04	1.21E-04	2.03E-05	3.51E-05	5.88E-06	8.30E-05	1.39E-05	1.79E-05	1.79E-05	3.03E-01	3.50E-02	5.09E-01	6.14E-02
889 Gridded	5.56E-05	9.07E-06	1.13E-05	1.93E-06	6.81E-04	1.07E-04	7.00E-04	1.11E-04	7.35E-04	1.26E-04	1.61E-05	2.51E-06	2.72E-03	4.25E-04	3.02E-03	4.95E-04	3.97E-03	6.73E-04	6.85E-04	1.08E-04	1.28E-04	1.99E-05	3.70E-05	5.76E-06	8.74E-05	1.36E-05	2.12E-05	2.12E-05	2.60E-01	3.81E-02	6.20E-01	7.40E-02
890 Gridded	6.12E-05	4.48E-06	1.30E-05	1.06E-06	7.48E-04	4.70E-05	7.70E-04	5.10E-05	8.50E-04	7.07E-05	1.77E-05	1.08E-06	2.98E-03	1.86E-04	3.33E-03	2.49E-04	5.60E-03	6.72E-04	7.53E-04	4.79E-05	1.40E-04	8.58E-06	4.06E-05	2.48E-06	9.60E-05	5.87E-06	1.57E-05	1.57E-05	3.53E-01	2.69E-02	7.34E-01	5.05E-02
891 Gridded	4.20E-05	4.14E-06	9.31E-06	8.94E-07	4.80E-04	4.79E-05	5.05E-04	5.02E-05	6.22E-04	5.86E-05	1.12E-05	1.13E-06	1.91E-03	1.91E-04	2.31E-03	2.26E-04	6.64E-03	3.92E-04	4.86E-04	4.84E-05	8.90E-05	8.91E-06	2.58E-05	2.58E-06	6.09E-05	6.10E-06	1.02E-05	1.02E-05	2.64E-01	3.02E-02	5.28E-01	5.97E-02
892 Gridded	4.13E-05	4.35E-06	9.22E-06	9.18E-07	5.10E-04	5.15E-05	5.13E-04	5.35E-05	6.08E-04	6.00E-05	1.22E-05	1.21E-06	2.04E-03	2.05E-04	2.27E-03	2.37E-04	4.13E-03	3.35E-04	5.10E-04	5.19E-05	9.66E-05	9.60E-06	2.80E-05	2.78E-06	6.61E-05	6.57E-06	9.91E-06	9.91E-06	2.59E-01	3.86E-02	6.47E-01	6.58E-02
893 Gridded	4.02E-05	5.20E-06	8.08E-06	1.12E-06	5.10E-04	6.05E-05	5.18E-04	6.33E-05	5.30E-04	7.34E-05	1.21E-05	1.42E-06	2.03E-03	2.41E-04	2.16E-03	2.84E-04	4.21E-03	4.19E-04	5.11E-04	6.11E-05	9.61E-05	1.12E-05	2.78E-05	3.25E-06	6.58E-05	7.69E-06	1.27E-05	1.27E-05	2.79E-01	4.24E-02	8.51E-01	1.10E-01
894 Gridded	3.88E-05	5.01E-06	7.78E-06	1.09E-06	4.81E-04	5.78E-05	4.93E-04	6.07E-05	5.03E-04	7.15E-05	1.14E-05	1.36E-06	1.92E-03	2.30E-04	2.10E-03	2.74E-04	4.17E-03	4.27E-04	4.84E-04	5.84E-05	9.05E-05	1.07E-05	2.62E-05	3.11E-06	6.19E-05	7.34E-06	1.26E-05	1.26E-05	2.76E-01	4.08E-02	7.05E-01	9.23E-02
895 Gridded	3.54E-05	4.25E-06	6.96E-06	9.26E-07	4.46E-04	4.88E-05	4.54E-04	5.13E-05	4.49E-04	6.08E-05	1.06E-05	1.14E-06	1.78E-03	1.94E-04	1.91E-03	2.33E-04	3.48E-03	3.68E-04	4.47E-04	4.94E-05	8.39E-05	9.06E-06	2.43E-05	2.62E-06	5.74E-05	6.20E-06	1.08E-05	1.08E-05	2.62E-01	4.34E-02	6.31E-01	7.04E-02
896 Gridded	4.27E-05	3.74E-06	8.65E-06	7.83E-07	5.25E-04	4.52E-05	5.39E-04	4.67E-05	5.60E-04	5.11E-05	1.25E-05	1.07E-06	2.09E-03	1.80E-04	2.31E-03	2.03E-04	3.48E-03	3.54E-04	5.28E-04	4.55E-05	9.86E-05	8.45E-06	2.85E-05	2.45E-06	6.75E-05	5.78E-06	9.53E-06	9.53E-06	2.70E-01	3.85E-02	7.02E-01	8.25E-02
897 Gridded	4.68E-05	3.95E-06	9.88E-06	8.41E-07	5.55E-04	4.64E-05	5.77E-04	4.84E-05	6.45E-04	5.50E-05	1.31E-05	1.09E-06	2.21E-03	1.85E-04	2.55E-03	2.16E-04	3.79E-03	3.39E-04	5.60E-04	4.69E-05	1.04E-04	8.65E-06	3.00E-05	2.50E-06	7.09E-05	5.92E-06	9.63E-06	9.63E-06	2.71E-01	3.28E-02	6.40E-01	6.16E-02
898 Gridded	4.79E-05	4.63E-06	1.02E-05	1.01E-06	5.62E-04	5.31E-05	5.86E-04	5.58E-05	6.68E-04	6.66E-05	1.32E-05	1.24E-06	2.24E-03	2.11E-04	2.61E-03	2.54E-04	4.00E-03	4.11E-04	5.68E-04	5.37E-05	1.05E-04	9.85E-06	3.03E-05	2.85E-06	7.17E-05	6.74E-06	1.19E-05	1.19E-05	2.27E-01	2.59E-02	5.15E-01	4.60E-02
899 Gridded	5.42E-05	3.75E-06	1.11E-05	8.40E-07	6.58E-04	4.51E-05	6.79E-04	4.67E-05	7.24E-04	5.55E-05	1.56E-05	1.07E-06	2.62E-03	1.80E-04	2.94E-03	2.04E-04	3.59E-03	4.08E-04	6.63E-04	4.55E-05	1.23E-04	8.43E-06	3.57E-05	2.44E-06	8.44E-05	5.77E-06	1.08E-05	1.08E-05	2.27E-01	2.59E-02	5.03E-01	4.87E-02
900 Gridded	4.56E-05	5.08E-06	9.32E-06	9.91E-07	5.57E-04	6.44E-05	5.73E-04	6.55E-05	6.05E-04	6.38E-05	1.32E-05	1.54E-06	2.22E-03	2.57E-04	2.47E-03	2.74E-04	3.00E-03	2.83E-04	5.61E-04	6.47E-05	1.04E-04	1.22E-05	3.02E-05	3.52E-06	7.14E-05	8.31E-06	8.45E-06	8.45E-06	2.38E-01	2.72E-02	4.12E-01	5.12E-02
901 Gridded	3.88E-05	5.22E-06	8.39E-06	1.14E-06	5.06E-04	6.00E-05	5.06E-04	6.31E-05	5.50E-04	7.47E-05	1.21E-05	1.41E-06	2.02E-03	2.39E-04	2.12E-03	2.86E-04	3.21E-03	4.52E-04	5.06E-04	6.07E-05	9.62E-05	1.11E-05	2.78E-05	3.23E-06	6.58E-05	7.62E-06	1.33E-05	1.33E-05	2.42E-01	3.43E-02	4.98E-01	5.21E-02
902 Gridded	5.15E-05	6.61E-06	1.05E-05	1.44E-06	6.30E-04	7.59E-05	6.48E-04	7.97E-05	6.81E-04	9.47E-05	1.49E-05	1.78E-06	2.51E-03	3.02E-04	2.79E-03	3.62E-04	3.73E-03	5.79E-04	6.34E-04	7.67E-05	1.18E-04	1.41E-05	3.42E-05	4.08E-06	8.08E-05	9.64E-06	1.69E-05	1.69E-05	2.46E-01	4.43E-02	5.49E-01	6.70E-02
903 Gridded	5.28E-05	6.13E-06	1.13E-05	1.32E-06	6.16E-04	7.30E-05	6.44E-04	7.58E-05	7.42E-04	8.71E-05	1.45E-05	1.72E-06	2.45E-03	2.91E-04	2.89E-03	3.34E-04	4.15E-03	5.59E-04	6.22E-04	7.36E-05	1.15E-04	1.36E-05	3.32E-05	3.94E-06	7.84E-05	9.32E-06	1.59E-05	1.59E-05	2.44E-01	5.01E-02	3.92E-01	8.03E-02
904 Gridded	4.27E-05	6.79E-06	9.75E-06	1.44E-06	5.16E-04	7.98E-05	5.20E-04	8.32E-05	6.45E-04	9.44E-05	1.23E-05	1.88E-06	2.06E-03	3.18E-04	2.36E-03	3.70E-04	4.78E-03	5.05E-04	5.17E-04	8.05E-05	9.76E-05	1.49E-05	2.83E-05	4.30E-06	6.68E-05	1.02E-05	1.59E-05	1.59E-05	2.36E-01	5.73E-02	4.38E-01	7.85E-02
905 Gridded	4.45E-05	8.97E-06	8.65E-06	1.90E-06	5.67E-04	1.06E-04	5.75E-04	1.10E-04	5.56E-04	1.24E-04	1.35E-05	2.49E-06	2.26E-03	4.21E-04	2.40E-03	4.89E-04	4.17E-03	6.54E-04	5.69E-04	1.07E-04	1.07E-04	1.97E-05	3.10E-05	5.70E-06	7.32E-05	1.35E-05	2.08E-05	2.08E-05	3.04E-01	6.51E-02	4.72E-01	8.43E-02
906 Gridded	3.68E-05	8.98E-06	8.13E-06	1.98E-06	4.22E-04	1.02E-04	4.40E-04	1.08E-04	5.35E-04	1.30E-04	1.00E-05	2.39E-06	1.69E-03	4.06E-04	2.02E-03	4.93E-04	3.47E-03	8.38E-04	4.24E-04	1.03E-04	7.95E-05	1.89E-05	2.30E-05	5.47E-06	5.44E-05	1.29E-05	2.38E-05	2.38E-05	2.38E-01	5.59E-02	3.99E-01	9.55E-02
907 Gridded	3.23E-05	6.55E-06	7.21E-06	1.42E-06	3.62E-04	7.55E-05	3.83E-04	7.93E-05	4.75E-04	9.34E-05	8.44E-06	1.77E-06	1.44E-03	3.01E-04	1.77E-03	3.59E-04	3.22E-03	5.69E-04	3.67E-04	7.64E-05	6.69E-05	1.40E-05	1.94E-05	4.06E-06	4.57E-05	9.60E-06	1.65E-05	1.65E-05	2.24E-01	6.09E-02	3.72E-01	1.01E-01
908 Gridded	2.69E-05	7.73E-06	6.03E-06	1.65E-06	3.00E-04	9.24E-05	3.19E-04	9.56E-05	3.97E-04	1.08E-04	7.00E-06	2.18E-06	1.19E-03	3.68E-04	1.48E-03	4.22E-04	2.74E-03	5.84E-04	3.04E-04	9.31E-05	5.54E-05	1.73E-05	1.60E-05	5.00E-06	3.79E-05	1.18E-05	1.83E-05	1.83E-05	2.37E-01	7.77E-02	4.20E-01	1.29E-01
909 Gridded	2.04E-05	8.42E-06	4.56E-06	1.77E-06	2.43E-04	1.00E-04	2.51E-04	1.04E-04	3.00E-04	1.16E-04	5.74E-06	2.36E-06	9.68E-04	3.99E-04	1.12E-03	4.59E-04	2.05E-03	5.78E-04	2.45E-04	1.01E-04	4.54E-05	1.87E-05	1.32E-05	5.41E-06	3.11E-05	1.28E-05	1.89E-05	1.89E-05	1.81E-01	6.80E-02	3.39E-01	1.01E-01
910 Gridded	2.52E-05	9.74E-06	5.45E-06	2.10E-06	2.92E-04	1.13E-04	3.06E-04	1.19E-04	3.57E-04	1.38E-04	6.85E-06	2.66E-06	1.16E-03	4.51E-04	1.38E-03	5.33E-04	2.71E-03	7.88E-04	2.95E-04	1.14E-04	5.42E-05	2.11E-05	1.57E-05	6.09E-06	3.71E-05	1.44E-05	2.39E-05	2.39E-05	2.10E-01	6.78E-02	3.41E-01	1.12E-01
911 Gridded	2.78E-05	8.08E-06	5.89E-06	1.78E-06	3.29E-04	9.20E-05	3.42E-04	9.70E-05	3.85E-04	1.17E-04	7.75E-06	2.15E-06	1.31E-03	3.66E-04	1.52E-03	4.43E-04	2.38E-03	7.40E-04	3.32E-04	9.31E-05	6.14E-05	1.71E-05	1.78E-05	4.94E-06	4.20E-05	1.17E-05	2.12E-05	2.12E-05	1.91E-01	7.03E-02	3.30E-01	1.04E-01
912 Gridded	3.30E-05	5.52E-06	6.58E-06	1.18E-06	4.11E-04	6.49E-05	4.20E-04	6.77E-05	4.25E-04	7.72E-05	9.76E-06	1.53E-06	1.64E-03	2.58E-04	1.78E-03	3.01E-04	1.88E-03	5.19E-04	4.13E-04	6.55E-05	7.73E-05	1.21E-05	2.24E-05	3.50E-06	5.29E-05	8.27E-06	1.43E-05	1.43E-05	1.87E-01	5.42E-02	3.81E-01	7.17E-02
913 Gridded	3.43E-05	6.71E-06	6.96E-06	1.42E-06	4.22E-04	7.92E-05	4.33E-04	8.25E-05	4.51E-04	9.28E-05	1.00E-05	1.87E-06	1.68E-03	3.16E-04	1.86E-03	3.66E-04	2.07E-03	4.91E-04	4.24E-04	7.99E-05	7.92E-05	1.48E-05	2.29E-05	4.28E-06	5.42E-05	1.01E-05	1.55E-05	1.55E-05	2.88E-01	5.34E-02	5.19E-01	7.93E-02
914 Gridded	3.53E-05	8.70E-06	7.40E-06	1.87E-06	4.22E-04	1.01E-04	4.37E-04	1.06E-04	4.83E-04	1.22E-04	9.95E-06	2.38E-06	1.68E-03	4.04E-04	1.92E-03	4.76E-04	2.68E-03	6.87E-04	4.25E-04	1.02E-04	7.87E-05	1.89E-05	2.28E-05	5.47E-06	5.39E-05	1.29E-05	2.10E-05	2.10E-05	3.05E-01	6.43E-02	5.51E-01	9.10E-02
915 Gridded	4.92E-05	1.10E-05	1.07E-05	2.41E-06	5.67E-04	1.27E-04	5.95E-04	1.33E-04	7.02E-04	1.58E-04	1.33E-05	2.97E-06	2.26E-03	5.04E-04	2.69E-03	6.04E-04	4.19E-03	9.63E-04	5.73E-04	1.28E-04	1.05E-04	2.35E-05	3.05E-05	6.80E-06	7.21E-05	1.61E-05	2.82E-05	2.82E-05	3.24E-01	7.04E-02	4.21E-01	9.38E-02
916 Gridded	6.81E-05	1.01E-05	1.51E-05	2.23E-06	7.72E-04	1.14E-04	8.15E-04	1.21E-04	9.92E-04	1.47E-04	1.80E-05	2.68E-06	3.07E-03	4.55E-04	3.74E-03	5.55E-04	6.45E-03	9.55E-04	7.81E-04	1.16E-04	1.43E-04	2.12E-05	4.14E-05	6.13E-06	9.78E-05	1.45E-05	2.70E-05	2.70E-05	3.20E-01	5.94E-02	4.84E-01	8.62E-02
917 Gridded	6.01E-05	7.00E-06	1.35E-05	1.55E-06	6.72E-04	7.90E-05	7.13E-04	8.35E-05	8.87E-04	1.02E-04	1.57E-05	1.85E-06	2.67E-03	3.14E-04	3.31E-03	3.85E-04	6.08E-03	6.76E-04	6.81E-04	8.00E-05	1.24E-04	1.46E-05	3.60E-05	4.23E-06	8.50E-05	9.99E-06	1.89E-05	1.89E-05	2.64E-01	5.92E-02	3.27E-01	8.75E-02
918 Gridded	3.49E-05	5.32E-06	7.55E-06	1.15E-06	4.14E-04	6.29E-05	4.30E-04	6.54E-05	4.99E-04	7.53E-05	9.75E-06	1.48E-06	1.65E-03	2.51E-04	1.91E-03	2.90E-04	3.53E-03	4.63E-04	4.17E-04	6.35E-05	7.72E-05	1.17E-05	2.23E-05	3.40E-06	5.28E-05	8.03E-06	1.32E-05	1.32E-05	1.89E-01	6.04E-02	3.18E-01	8.89E-02
919 Gridded	2.83E-05	3.52E-06	6.98E-06	7.42E-07	2.83E-04	4.18E-05	3.12E-04	4.34E-05	4.67E-04	4.86E-05	6.45E-06	9.85E-07	1.12E-03	1.66E-04	1.58E-03	1.92E-04	4.43E-03	3.17E-04	2.89E-04	4.22E-05	5.11E-05	7.80E-06	1.48E-05	2.26E-06	3.50E-05	5.34E-06	8.84E-06	8.84E-06	1.84E-01	2.14E-02	2.98E-01	3.59E-02
920 Gridded	3.10E-05	3.95E-06	7.43E-06	8.29E-07	3.22E-04	4.70E-05	3.51E-04	4.88E-05	4.95E-04	5.40E-05	7.41E-06	1.11E-06	1.28E-03	1.87E-04	1.73E-03	2.15E-04	4.31E-03	3.42E-04	3.28E-04	4.74E-05	5.87E-05	8.78E-06	1.70E-05	2.54E-06	4.01E-05	6.01E-06	9.73E-06	9.73E-06	1.71E-01	2.15E-02	2.69E-01	3.71E-02
921 Gridded	3.20E-05	4.28E-06	7.25E-06	8.95E-07	3.53E-04	5.13E-05	3.76E-04	5.31E-05	4.79E-04	5.83E-05	8.22E-06	1.21E-06	1.40E-03	2.04E-04	1.76E-03	2.33E-04	3.45E-03	3.71E-04	3.58E-04	5.17E-05	6.50E-05	9.58E-06	1.88E-05	2.77E-06	4.45E-05	6.55E-06	1.05E-05	1.05E-05	1.30E-01	2.08E-02	2.46E-01	3.70E-02
922 Gridded	2.95E-05	4.34E-06	6.27E-06	9.04E-07	3.49E-04	5.20E-05	3.61E-04	5.39E-05	4.10E-04	5.89E-05	8.37E-06	1.23E-06	1.40E-03	2.07E-04	1.61E-03	2.36E-04	2.19E-03	3.85E-04	3.50E-04	5.24E-05	6.63E-05	9.72E-06	1.92E-05	2.81E-06	4.53E-05	6.65E-06	1.08E-05	1.08E-05	1.22E-01	1.94E-02	2.31E-01	3.52E-02
923 Gridded	2.70E-05	4.13E-06	5.01E-06	8.86E-07	3.59E-04	4.95E-05	3.60E-04	5.13E-05	3.25E-04	5.83E-05	8.62E-06	1.17E-06	1.44E-03	1.97E-04	1.44E-03	2.25E-04	1.92E-03	3.85E-04	3.59E-04	4.99E-05	6.82E-05	9.26E-06	1.97E-05	2.68E-06	4.67E-05	6.33E-06	1.08E-05	1.08E-05	1.27E-01	2.34E-02	2.47E-01	3.65E-02
924 Gridded	2.50E-05	3.88E-06	4.62E-06	8.62E-07	3.30E-04	4.56E-05	3.31E-04	4.72E-05	2.95E-04	5.68E-05	7.91E-06	1.08E-06	1.32E-03	1.82E-04	1.33E-03	2.13E-04	2.02E-03	3.77E-04	3.30E-04	4.59E-05	6.26E-05	8.51E-06	1.81E-05	2.46E-06	4.28E-05	5.83E-06	1.05E-05	1.05E-05	1.25E-01	2.67E-02	2.59E-01	4.12E-02
925 Gridded	2.14E-05	3.74E-06	4.01E-06	8.33E-07	2.79E-04	4.21E-05	2.81E-04	4.45E-05	2.61E-04	5.49E-05	6.68E-06	9.87E-07	1.12E-03	1.67E-04	1.14E-03	2.06E-04	2.61E-03	3.68E-04	2.80E-04	4.26E-05	5.29E-05	7.81E-06	1.53E-05	2.26E-06	3.62E-05	5.35E-06	1.02E-05	1.02E-05	1.32E-01	2.83E-02	2.70E-01	4.86E-02
926 Gridded	1.86E-05	3.66E-06	3.81E-06	8.04E-07	2.30E-04	4.18E-05	2.35E-04	4.40E-05	2.48E-04	5.28E-05	5.48E-06	9.79E-07	9.19E-04	1.66E-04	1.01E-03	2.01E-04	2.77E-03	3.63E-04	2.31E-04	4.23E-05	4.34E-05	7.75E-06	1.26E-05	2.24E-06	2.97E-05	5.30E-06	9.54E-06	9.54E-06	1.30E-01	2.70E-02	2.53E-01	5.15E-02
927 Gridded	1.95E-05	3.69E-06	4.30E-06	8.23E-07	2.41E-04	4.14E-05	2.42E-04	4.38E-05	2.82E-04	5.42E-05	5.78E-06	9.66E-07	9.64E-04	1.64E-04	1.07E-03	2.03E-04	4.07E-03	5.18E-04	2.41E-04	4.19E-05	4.57E-05	7.65E-06	1.32E-05	2.21E-06	3.13E-05	5.23E-06	1.09E-05	1.09E-05	1.22E-01	2.30E-02	2.56E-01	4.80E-02
928 Gridded	2.37E-05	4.01E-06	5.18E-06	8.47E-07	2.72E-04	4.74E-05	2.85E-04	4.93E-05	3.40E-04	5.53E-05	6.39E-06	1.12E-06	1.08E-03	1.89E-04	1.30E-03	2.18E-04	5.18E-03	6.41E-04	2.74E-04	4.78E-05	5.06E-05	8.85E-06	1.46E-05	2.56E-06	3.46E-05	6.05E-06	1.34E-05	1.34E-05	1.14E-01	2.15E-02	3.03E-01	3.90E-02
929 Gridded	2.50E-05	5.08E-06	5.48E-06	1.08E-06	2.85E-04	5.98E-05	3.00E-04	6.23E-05	3.60E-04	7.04E-05	6.68E-06	1.41E-06	1.13E-03	2.38E-04	1.37E-03	2.77E-04	5.44E-03	6.55E-04	2.89E-04	6.04E-05	5.29E-05	1.12E-05	1.53E-05	3.23E-06	3.62E-05	7.63E-06	1.36E-05	1.36E-05	1.40E-01	2.49E-02	3.77E-01	4.56E-02
930 Gridded	2.38E-05	6.04E-06	5.32E-06	1.31E-06	2.89E-04	6.97E-05	2.93E-04	7.32E-05	3.51E-04	8.60E-05	6.94E-06	1.64E-06	1.16E-03	2.77E-04	1.30E-03	3.31E-04	5.21E-03	6.04E-04	2.89E-04	7.05E-05	5.49E-05	1.30E-05	1.59E-05	3.75E-06	3.76E-05	8.86E-06	1.52E-05	1.52E-05	1.79E-01	3.32E-02	4.43E-01	5.30E-02
931 Gridded	2.88E-05	5.61E-06	6.03E-06	1.26E-06	3.60E-04	6.69E-05	3.60E-04	6.79E-05	3.93E-04	8.30E-05	8.63E-06	1.59E-06	1.44E-03	2.67E-04	1.57E-03	3.09E-04	4.21E-03	5.70E-04	3.60E-04	6.71E-05	6.83E-05	1.26E-05	1.98E-05	3.65E-06	4.68E-05	8.64E-06	1.56E-05	1.56E-05	1.89E-01	4.05E-02	4.30E-01	7.09E-02
932 Gridded	3.42E-05	4.89E-06	7.00E-06	1.07E-06	4.24E-04	5.86E-05	4.29E-04	6.07E-05	4.54E-04	7.05E-05	1.02E-05	1.38E-06	1.70E-03	2.34E-04	1.85E-03	2.68E-04	3.49E-03	4.87E-04	4.24E-04	5.91E-05	8.05E-05	1.10E-05	2.33E-05	3.17E-06	5.51E-05	7.50E-06	1.27E-05	1.27E-05	1.77E-01	3.98E-02	3.27E-01	7.70E-02
933 Gridded	3.88E-05	5.52E-06	7.76E-06	1.21E-06	4.84E-04	6.33E-05	4.95E-04	6.66E-05	5.10E-04	7.91E-05	1.15E-05	1.48E-06	1.93E-03	2.52E-04	2.10E-03	3.02E-04	3.65E-03	4.84E-04	4.86E-04	6.40E-05	9.11E-05	1.18E-05	2.64E-05	3.40E-06	6.23E-05	8.04E-06	1.41E-05	1.41E-05	1.65E-01	3.59E-02	3.40E-01	6.38E-02

Scenario 1 Results

934	Gridded	4.29E-05	5.53E-06	8.95E-06	1.22E-06	5.14E-04	6.27E-05	5.32E-04	6.62E-05	5.83E-04	8.04E-05	1.21E-05	1.47E-06	2.05E-03	2.49E-04	2.33E-03	3.04E-04	3.59E-03	5.19E-04	5.18E-04	6.35E-05	9.60E-05	1.16E-05	2.78E-05	3.36E-06	6.57E-05	7.95E-06	1.47E-05	1.47E-05	2.44E-01	3.72E-02	4.58E-01	6.27E-02
935	Gridded	6.15E-05	4.49E-06	1.26E-05	9.93E-07	7.50E-04	5.09E-05	7.72E-04	5.37E-05	8.16E-04	6.55E-05	1.77E-05	1.19E-06	2.99E-03	2.02E-04	3.33E-03	2.46E-04	4.12E-03	4.54E-04	7.55E-04	5.15E-05	1.41E-04	9.43E-06	4.07E-05	2.73E-06	9.61E-05	6.45E-06	1.24E-05	1.24E-05	3.00E-01	3.45E-02	6.05E-01	6.35E-02
936	Gridded	8.32E-05	4.77E-06	1.82E-05	1.03E-06	9.54E-04	5.53E-05	1.00E-03	5.79E-05	1.19E-03	6.75E-05	2.24E-05	1.30E-06	3.80E-03	2.20E-04	4.56E-03	2.61E-04	7.29E-03	4.80E-04	9.65E-04	5.58E-05	1.77E-04	1.03E-05	5.13E-05	2.97E-06	1.21E-04	7.03E-06	1.18E-05	1.18E-05	2.44E-01	3.50E-02	4.60E-01	6.71E-02
937	Gridded	5.45E-05	4.82E-06	1.30E-05	1.06E-06	5.69E-04	5.52E-05	6.19E-04	5.81E-05	8.66E-04	6.94E-05	1.31E-05	1.29E-06	2.25E-03	2.20E-04	3.03E-03	2.64E-04	7.43E-03	4.51E-04	5.80E-04	5.58E-05	1.04E-04	1.02E-05	3.00E-05	2.96E-06	7.09E-05	7.01E-06	1.25E-05	1.25E-05	2.83E-01	5.15E-02	4.93E-01	9.48E-02
938	Gridded	4.06E-05	5.99E-06	8.54E-06	1.20E-06	4.97E-04	7.41E-05	5.10E-04	7.60E-05	5.57E-04	7.79E-05	1.18E-05	1.76E-06	1.98E-03	2.96E-04	2.21E-03	3.24E-04	3.64E-03	3.97E-04	4.99E-04	7.45E-05	9.32E-05	1.39E-05	2.70E-05	4.03E-06	6.38E-05	9.53E-06	1.19E-05	1.19E-05	2.84E-01	6.59E-02	6.30E-01	1.32E-01
939	Gridded	5.46E-05	7.22E-06	1.19E-05	1.47E-06	6.25E-04	8.87E-05	6.58E-04	9.11E-05	7.84E-04	9.50E-05	1.47E-05	2.10E-06	2.49E-03	3.54E-04	2.99E-03	3.91E-04	5.32E-03	5.02E-04	6.33E-04	8.92E-05	1.16E-04	1.66E-05	3.36E-05	4.82E-06	7.94E-05	1.14E-05	1.46E-05	1.46E-05	3.37E-01	5.30E-02	7.04E-01	1.02E-01
940	Gridded	5.73E-05	9.19E-06	1.09E-05	1.91E-06	7.41E-04	1.10E-04	7.48E-04	1.14E-04	6.99E-04	1.25E-04	1.77E-05	2.60E-06	2.96E-03	4.39E-04	3.08E-03	5.00E-04	3.68E-03	5.78E-04	7.43E-04	1.11E-04	1.40E-04	2.06E-05	4.06E-05	5.97E-06	9.59E-05	1.41E-05	1.98E-05	1.98E-05	2.90E-01	4.14E-02	6.33E-01	7.03E-02
941	Gridded	5.96E-05	6.79E-06	1.23E-05	1.56E-06	7.49E-04	7.39E-05	7.63E-04	7.92E-05	8.00E-04	1.03E-04	1.78E-05	1.72E-06	2.99E-03	2.93E-04	3.22E-03	3.75E-04	5.47E-03	7.82E-04	7.52E-04	7.51E-05	1.41E-04	1.36E-05	4.08E-05	3.93E-06	9.65E-05	9.30E-06	2.04E-05	2.04E-05	3.89E-01	2.88E-02	7.94E-01	6.03E-02
942	Gridded	4.73E-05	4.25E-06	1.12E-05	9.17E-07	5.30E-04	4.93E-05	5.57E-04	5.16E-05	7.48E-04	6.01E-05	1.24E-05	1.16E-06	2.11E-03	1.96E-04	2.63E-03	2.32E-04	6.77E-03	5.30E-04	5.36E-04	4.98E-05	9.83E-05	9.17E-06	2.85E-05	2.65E-06	6.73E-05	6.27E-06	1.28E-05	1.28E-05	3.17E-01	3.78E-02	6.54E-01	7.69E-02
943	Gridded	4.95E-05	4.78E-06	1.11E-05	9.94E-07	5.71E-04	5.75E-05	5.89E-04	5.95E-05	7.28E-04	6.47E-05	1.37E-05	1.36E-06	2.28E-03	2.29E-04	2.72E-03	2.60E-04	4.91E-03	3.50E-04	5.72E-04	5.80E-05	1.08E-04	1.08E-05	3.13E-05	3.11E-06	7.41E-05	7.36E-06	1.02E-05	1.02E-05	2.88E-01	4.71E-02	7.19E-01	7.94E-02
944	Gridded	4.68E-05	6.24E-06	9.27E-06	1.34E-06	5.94E-04	7.28E-05	6.04E-04	7.61E-05	6.08E-04	8.76E-05	1.42E-05	1.71E-06	2.37E-03	2.90E-04	2.52E-03	3.41E-04	4.85E-03	4.90E-04	5.96E-04	7.35E-05	1.12E-04	1.35E-05	3.24E-05	3.92E-06	7.67E-05	9.26E-06	1.50E-05	1.50E-05	3.31E-01	5.31E-02	1.10E+00	1.40E-01
945	Gridded	4.50E-05	5.89E-06	9.05E-06	1.28E-06	5.56E-04	6.80E-05	5.70E-04	7.13E-05	5.86E-04	8.37E-05	1.32E-05	1.59E-06	2.22E-03	2.70E-04	2.43E-03	3.22E-04	4.55E-03	4.96E-04	5.59E-04	6.87E-05	1.04E-04	1.26E-05	3.02E-05	3.65E-06	7.14E-05	8.64E-06	1.47E-05	1.47E-05	3.16E-01	5.33E-02	7.56E-01	9.12E-02
946	Gridded	4.50E-05	4.89E-06	9.11E-06	1.07E-06	5.53E-04	5.60E-05	5.68E-04	5.89E-05	5.90E-04	7.04E-05	1.31E-05	1.31E-06	2.21E-03	2.23E-04	2.44E-03	2.68E-04	4.00E-03	4.37E-04	5.56E-04	5.66E-05	1.04E-04	1.04E-05	3.01E-05	3.01E-06	7.10E-05	7.10E-06	1.27E-05	1.27E-05	3.19E-01	5.16E-02	9.48E-01	9.43E-02
947	Gridded	5.53E-05	4.64E-06	1.14E-05	9.85E-07	6.72E-04	5.50E-05	6.93E-04	5.69E-05	7.38E-04	6.44E-05	1.59E-05	1.30E-06	2.68E-03	2.19E-04	3.00E-03	2.53E-04	4.36E-03	3.88E-04	6.77E-04	5.54E-05	1.26E-04	1.03E-05	3.64E-05	2.98E-06	8.61E-05	7.03E-06	1.08E-05	1.08E-05	3.30E-01	4.02E-02	7.78E-01	8.66E-02
948	Gridded	4.83E-05	5.19E-06	1.07E-05	1.12E-06	5.48E-04	6.05E-05	5.78E-04	6.33E-05	7.03E-04	7.31E-05	1.28E-05	1.42E-06	2.18E-03	2.41E-04	2.65E-03	2.84E-04	4.56E-03	4.12E-04	5.54E-04	6.11E-05	1.01E-04	1.13E-05	2.94E-05	3.26E-06	6.94E-05	7.70E-06	1.26E-05	1.26E-05	2.55E-01	3.45E-02	5.52E-01	6.23E-02
949	Gridded	5.66E-05	4.64E-06	1.20E-05	1.04E-06	6.69E-04	5.18E-05	6.96E-04	5.49E-05	7.83E-04	6.86E-05	1.58E-05	1.21E-06	2.66E-03	2.06E-04	3.09E-03	2.55E-04	4.24E-03	4.73E-04	6.75E-04	5.25E-05	1.25E-04	9.56E-06	3.61E-05	2.77E-06	8.53E-05	6.54E-06	1.30E-05	1.30E-05	2.53E-01	2.61E-02	5.02E-01	4.85E-02
950	Gridded	5.51E-05	4.90E-06	1.14E-05	9.71E-07	6.67E-04	6.14E-05	6.89E-04	6.26E-05	7.40E-04	6.27E-05	1.58E-05	1.46E-06	2.66E-03	2.45E-04	2.99E-03	2.64E-04	3.22E-03	3.24E-04	6.72E-04	6.16E-05	1.25E-04	1.16E-05	3.61E-05	3.34E-06	8.54E-05	7.90E-06	8.63E-06	8.63E-06	2.79E-01	2.92E-02	5.10E-01	5.45E-02
951	Gridded	3.98E-05	5.39E-06	8.54E-06	1.16E-06	5.22E-04	6.25E-05	5.22E-04	6.55E-05	5.59E-04	7.63E-05	1.25E-05	1.47E-06	2.09E-03	2.49E-04	2.18E-03	2.95E-04	3.11E-03	4.43E-04	5.22E-04	6.31E-05	9.93E-05	1.16E-05	2.87E-05	3.36E-06	6.79E-05	7.95E-06	1.33E-05	1.33E-05	2.41E-01	3.62E-02	4.82E-01	5.65E-02
952	Gridded	5.31E-05	6.68E-06	1.08E-05	1.46E-06	6.48E-04	7.67E-05	6.67E-04	8.06E-05	7.04E-04	9.57E-05	1.53E-05	1.80E-06	2.58E-03	3.05E-04	2.88E-03	3.66E-04	3.34E-03	5.83E-04	6.52E-04	7.75E-05	1.21E-04	1.42E-05	3.52E-05	4.12E-06	8.31E-05	9.73E-06	1.71E-05	1.71E-05	2.52E-01	4.57E-02	4.95E-01	6.98E-02
953	Gridded	5.60E-05	6.67E-06	1.21E-05	1.40E-06	6.51E-04	7.95E-05	6.81E-04	8.25E-05	7.90E-04	9.13E-05	1.53E-05	1.88E-06	2.59E-03	3.17E-04	3.06E-03	3.63E-04	4.52E-03	5.55E-04	6.57E-04	8.02E-05	1.21E-04	1.48E-05	3.50E-05	4.30E-06	8.28E-05	1.02E-05	1.60E-05	1.60E-05	2.64E-01	5.44E-02	4.53E-01	8.78E-02
954	Gridded	4.56E-05	8.00E-06	1.04E-05	1.69E-06	5.71E-04	9.49E-05	5.78E-04	9.87E-05	6.91E-04	1.10E-04	1.36E-05	2.24E-06	2.28E-03	3.78E-04	2.52E-03	4.36E-04	5.18E-03	6.12E-04	5.72E-04	9.57E-05	1.08E-04	1.77E-05	3.12E-05	5.13E-06	7.38E-05	1.21E-05	1.88E-05	1.88E-05	2.75E-01	7.05E-02	5.30E-01	9.52E-02
955	Gridded	5.00E-05	1.04E-05	9.84E-06	2.24E-06	6.30E-04	1.22E-04	6.41E-04	1.27E-04	6.34E-04	1.47E-04	1.50E-05	2.86E-06	2.51E-03	4.85E-04	2.70E-03	5.71E-04	4.35E-03	8.24E-04	6.32E-04	1.23E-04	1.19E-04	2.27E-05	3.43E-05	6.56E-06	8.12E-05	1.55E-05	2.52E-05	2.52E-05	3.17E-01	6.83E-02	4.73E-01	8.90E-02
956	Gridded	3.90E-05	8.83E-06	8.53E-06	1.99E-06	4.66E-04	9.79E-05	4.79E-04	1.04E-04	5.60E-04	1.32E-04	1.10E-05	2.28E-06	1.86E-03	3.89E-04	2.14E-03	4.87E-04	3.78E-03	9.33E-04	4.69E-04	9.93E-05	8.75E-05	1.81E-05	2.53E-05	5.23E-06	5.98E-05	1.24E-05	2.52E-05	2.52E-05	2.71E-01	7.52E-02	5.06E-01	1.27E-01
957	Gridded	3.39E-05	8.88E-06	7.53E-06	1.88E-06	3.83E-04	1.05E-04	4.05E-04	1.09E-04	4.95E-04	1.23E-04	8.96E-06	2.47E-06	1.52E-03	4.18E-04	1.86E-03	4.84E-04	3.26E-03	6.78E-04	3.88E-04	1.06E-04	7.09E-05	1.96E-05	2.05E-05	5.67E-06	4.85E-05	1.34E-05	2.04E-05	2.04E-05	2.69E-01	8.51E-02	4.82E-01	1.45E-01
958	Gridded	2.78E-05	1.08E-05	6.20E-06	2.26E-06	3.28E-04	1.28E-04	3.39E-04	1.33E-04	4.09E-04	1.48E-04	7.76E-06	3.02E-06	1.31E-03	5.10E-04	1.53E-03	5.86E-04	2.78E-03	7.30E-04	3.31E-04	1.29E-04	6.14E-05	2.39E-05	1.78E-05	6.92E-06	4.20E-05	1.63E-05	2.41E-05	2.41E-05	2.45E-01	8.93E-02	4.41E-01	1.34E-01
959	Gridded	2.73E-05	1.07E-05	5.87E-06	2.30E-06	3.18E-04	1.24E-04	3.33E-04	1.30E-04	3.85E-04	1.51E-04	7.48E-06	2.92E-06	1.27E-03	4.94E-04	1.49E-03	5.84E-04	2.52E-03	8.60E-04	3.22E-04	1.25E-04	5.92E-05	2.31E-05	1.71E-05	6.68E-06	4.05E-05	1.58E-05	2.61E-05	2.61E-05	2.29E-01	7.66E-02	3.81E-01	1.25E-01
960	Gridded	2.39E-05	7.24E-06	5.03E-06	1.59E-06	2.84E-04	8.25E-05	2.95E-04	8.69E-05	3.28E-04	1.05E-04	6.69E-06	1.93E-06	1.13E-03	3.28E-04	1.30E-03	3.97E-04	2.13E-03	6.59E-04	2.86E-04	8.35E-05	5.29E-05	1.53E-05	1.53E-05	4.43E-06	3.62E-05	1.05E-05	1.89E-05	1.89E-05	1.83E-01	6.47E-02	3.08E-01	9.29E-02
961	Gridded	3.04E-05	6.06E-06	5.96E-06	1.28E-06	3.84E-04	7.15E-05	3.91E-04	7.45E-05	3.84E-04	8.39E-05	9.15E-06	1.68E-06	1.53E-03	2.85E-04	1.64E-03	3.30E-04	2.03E-03	4.87E-04	3.86E-04	7.22E-05	7.24E-05	1.33E-05	2.10E-05	3.86E-06	4.96E-05	9.12E-06	1.40E-05	1.40E-05	1.81E-01	5.42E-02	4.33E-01	8.02E-02
962	Gridded	2.99E-05	6.95E-06	6.00E-06	1.48E-06	3.71E-04	8.18E-05	3.79E-04	8.53E-05	3.88E-04	9.65E-05	8.80E-06	1.93E-06	1.48E-03	3.26E-04	1.62E-03	3.79E-04	2.24E-03	5.11E-04	3.73E-04	8.26E-05	6.96E-05	1.53E-05	2.02E-05	4.42E-06	4.77E-05	1.04E-05	1.62E-05	1.62E-05	2.42E-01	5.92E-02	5.12E-01	8.33E-02
963	Gridded	2.70E-05	6.93E-06	5.56E-06	1.48E-06	3.26E-04	8.11E-05	3.37E-04	8.47E-05	3.61E-04	9.69E-05	7.72E-06	1.91E-06	1.30E-03	3.23E-04	1.46E-03	3.78E-04	2.97E-03	5.32E-04	3.29E-04	8.19E-05	6.11E-05	1.51E-05	1.77E-05	4.37E-06	4.18E-05	1.03E-05	1.65E-05	1.65E-05	2.80E-01	5.67E-02	4.73E-01	7.54E-02
964	Gridded	2.71E-05	6.51E-06	5.68E-06	1.40E-06	3.25E-04	7.57E-05	3.36E-04	7.92E-05	3.70E-04	9.19E-05	7.66E-06	1.78E-06	1.29E-03	3.01E-04	1.48E-03	3.56E-04	3.49E-03	5.26E-04	3.27E-04	7.64E-05	6.06E-05	1.41E-05	1.76E-05	4.07E-06	4.15E-05	9.63E-06	1.59E-05	1.59E-05	2.81E-01	5.18E-02	3.62E-01	7.17E-02
965	Gridded	4.43E-05	6.07E-06	9.64E-06	1.32E-06	5.09E-04	6.98E-05	5.35E-04	7.33E-05	6.33E-04	8.68E-05	1.19E-05	1.64E-06	2.02E-03	2.78E-04	2.42E-03	3.32E-04	3.89E-03	5.25E-04	5.15E-04	7.05E-05	9.44E-05	1.30E-05	2.73E-05	3.75E-06	6.46E-05	8.86E-06	1.54E-05	1.54E-05	2.43E-01	5.73E-02	4.07E-01	8.62E-02
966	Gridded	7.18E-05	5.52E-06	1.59E-05	1.17E-06	8.13E-04	6.55E-05	8.59E-04	6.81E-05	1.04E-03	7.68E-05	1.90E-05	1.54E-06	3.23E-03	2.61E-04	3.94E-03	3.01E-04	6.79E-03	4.77E-04	8.23E-04	6.61E-05	1.51E-04	1.22E-05	4.36E-05	3.54E-06	1.03E-04	8.37E-06	1.36E-05	1.36E-05	3.36E-01	6.94E-02	4.93E-01	1.03E-01
967	Gridded	6.43E-05	6.24E-06	1.44E-05	1.32E-06	7.19E-04	7.39E-05	7.62E-04	7.68E-05	9.49E-04	8.60E-05	1.68E-05	1.74E-06	2.86E-03	2.94E-04	3.54E-03	3.40E-04	6.50E-03	5.01E-04	7.28E-04	7.45E-05	1.33E-04	1.38E-05	3.84E-05	3.99E-06	9.08E-05	9.43E-06	1.43E-05	1.43E-05	2.78E-01	7.61E-02	4.12E-01	1.13E-01
968	Gridded	5.88E-05	6.60E-06	1.28E-05	1.39E-06	6.78E-04	7.81E-05	7.11E-04	8.12E-05	8.37E-04	9.12E-05	1.59E-05	1.84E-06	2.70E-03	3.11E-04	3.22E-03	3.60E-04	5.44E-03	5.89E-04	6.85E-04	7.87E-05	1.26E-04	1.46E-05	3.64E-05	4.21E-06	8.61E-05	9.96E-06	1.67E-05	1.67E-05	2.80E-01	7.85E-02	5.21E-01	1.18E-01
969	Gridded	6.29E-05	6.69E-06	1.39E-05	1.41E-06	7.12E-04	7.92E-05	7.52E-04	8.24E-05	9.14E-04	9.22E-05	1.67E-05	1.87E-06	2.83E-03	3.16E-04	3.45E-03	3.65E-04	5.91E-03	5.80E-04	7.21E-04	7.99E-05	1.32E-04	1.48E-05	3.82E-05	4.28E-06	9.03E-05	1.01E-05	1.63E-05	1.63E-05	2.86E-01	7.64E-02	4.90E-01	1.17E-01
970	Gridded	2.57E-05	3.73E-06	6.48E-06	8.39E-07	2.90E-04	4.14E-05	2.91E-04	4.40E-05	4.35E-04	5.53E-05	6.96E-06	9.66E-07	1.16E-03	1.65E-04	1.44E-03	2.05E-04	4.38E-03	3.88E-04	2.90E-04	4.20E-05	5.51E-05	7.65E-06	1.59E-05	2.21E-06	3.77E-05	5.23E-06	1.05E-05	1.05E-05	2.18E-01	2.37E-02	3.85E-01	3.44E-02
971	Gridded	3.13E-05	3.75E-06	7.86E-06	8.45E-07	3.14E-04	4.15E-05	3.40E-04	4.42E-05	5.28E-04	5.58E-05	7.53E-06	9.76E-07	1.26E-03	1.65E-04	1.76E-03	2.06E-04	5.26E-03	3.95E-04	3.14E-04	4.21E-05	5.96E-05	7.73E-06	1.73E-05	2.24E-06	4.08E-05	5.29E-06	1.07E-05	1.07E-05	2.50E-01	2.45E-02	4.23E-01	3.75E-02
972	Gridded	3.30E-05	3.93E-06	8.23E-06	8.21E-07	3.24E-04	4.71E-05	3.61E-04	4.88E-05	5.52E-04	5.35E-05	7.39E-06	1.11E-06	1.28E-03	1.88E-04	1.85E-03	2.14E-04	5.40E-03	3.76E-04	3.32E-04	4.75E-05	5.85E-05	8.80E-06	1.69E-05	2.55E-06	4.00E-05	6.02E-06	1.01E-05	1.01E-05	2.42E-01	2.46E-02	4.02E-01	3.95E-02
973	Gridded	3.16E-05	4.16E-06	7.61E-06	8.68E-07	3.26E-04	4.99E-05	3.56E-04	5.17E-05	5.08E-04	5.65E-05	7.49E-06	1.18E-06	1.29E-03	1.99E-04	1.76E-03	2.26E-04	4.50E-03	3.40E-04	3.32E-04	5.03E-05	5.93E-05	9.33E-06	1.72E-05	2.70E-06	4.05E-05	6.38E-06	9.51E-06	9.51E-06	1.89E-01	2.38E-02	3.11E-01	4.00E-02
974	Gridded	2.89E-05	4.21E-06	6.54E-06	8.75E-07	3.20E-04	5.05E-05	3.41E-04	5.23E-05	4.32E-04	5.70E-05	7.45E-06	1.19E-06	1.27E-03	2.01E-04	1.59E-03	2.29E-04	3.08E-03	3.49E-04	3.24E-04	5.09E-05	5.90E-05	9.45E-06	1.71E-05	2.73E-06	4.04E-05	6.46E-06	9.92E-06	9.92E-06	1.69E-01	2.24E-02	2.25E-01	3.93E-02
975	Gridded	2.73E-05	4.31E-06	5.79E-06	8.95E-07	3.22E-04	5.19E-05	3.35E-04	5.36E-05	3.78E-04	5.88E-05	7.69E-06	1.22E-06	1.28E-03	2.07E-04	1.49E-03	2.34E-04	2.26E-03	3.81E-04	3.25E-04	5.22E-05	6.09E-05	9.70E-06	1.76E-05	2.81E-06	4.17E-05	6.64E-06	1.08E-05	1.08E-05	1.71E-01	2.20E-02	2.56E-01	3.84E-02
976	Gridded	2.64E-05	4.28E-06	5.02E-06	9.40E-07	3.52E-04	5.17E-05	3.52E-04	5.34E-05	3.25E-04	6.19E-05	8.43E-06	1.22E-06	1.41E-03	2.06E-04	1.41E-03	2.33E-04	2.07E-03	4.04E-04	3.52E-04	5.20E-05	6.68E-05	9.67E-06	1.93E-05	2.80E-06	4.57E-05	6.62E-06	1.14E-05	1.14E-05	1.57E-01	2.74E-02	2.80E-01	3.85E-02
977	Gridded	2.66E-05	4.41E-06	4.98E-06	9.77E-07	3.53E-04	5.17E-05	3.54E-04	5.33E-05	3.23E-04	6.43E-05	8.47E-06	1.22E-06	1.41E-03	2.06E-04	1.42E-03	2.42E-04	2.56E-03	4.24E-04	3.53E-04	5.21E-05	6.70E-05	9.68E-06	1.94E-05	2.80E-06	4.59E-05	6.62E-06	1.19E-05	1.19E-05	1.42E-01	3.24E-02	2.74E-01	5.09E-02
978	Gridded	2.36E-05	4.28E-06	4.59E-06	9.50E-07	3.10E-04	4.99E-05	3.11E-04	5.14E-05	2.99E-04	6.26E-05	7.43E-06	1.18E-06	1.24E-03	1.99E-04	1.26E-03	2.35E-04	2.55E-03	4.15E-04	3.11E-04	5.02E-05	5.89E-05	9.35E-06	1.70E-05	2.71E-06	4.03E-05	6.40E-06	1.16E-05	1.16E-05	1.41E-01	3.45E-02	3.00E-01	6.09E-02
979	Gridded	1.92E-05	4.18E-06	4.00E-06	9.11E-07	2.48E-04	4.80E-05	2.50E-04	5.04E-05	2.61E-04	5.98E-05	5.93E-06	1.12E-06	9.92E-04	1.91E-04	1.04E-03	2.29E-04	2.86E-03	4.15E-04	2.49E-04	4.85E-05	4.70E-05	8.91E-06	1.36E-05	2.58E-06	3.21E-05	6.09E-06	1.07E-05	1.07E-05	1.43E-01	3.24E-02	2.94E-01	6.38E-02
980	Gridded	1.94E-05	4.26E-06	4.20E-06	9.45E-07	2.36E-04	4.80E-05	2.41E-04	5.08E-05	2.75E-04	6.22E-05	5.67E-06	1.12E-06	9.45E-04	1.91E-04	1.06E-03	2.34E-04	3.79E-03	5.69E-04	2.36E-04	4.86E-05	4.49E-05	8.88E-06	1.30E-05	2.57E-06	3.07E-05	6.08E-06	1.20E-05	1.20E-05	1.43E-01	2.71E-02	3.42E-01	5.85E-02
981	Gridded	2.69E-05	5.02E-06	5.73E-06	1.06E-06	3.16E-04	5.92E-05	3.29E-04	6.17E-05	3.74E-04	6.95E-05	7.43E-06	1.39E-06	1.26E-03	2.36E-04	1.47E-03	2.74E-04	5.52E-03	7.47E-04	3.19E-04	5.98E-05	5.88E-05	1.10E-05	1.70E-05	3.20E-06	4.02E-05	7.55E-06	1.56E-05	1.56E-05	1.48E-01	2.65E-02	3.55E-01	4.74E-02
982	Gridded	3.05E-05	6.32E-06	6.68E-06	1.35E-06	3.48E-04	7.42E-05	3.67E-04	7.74E-05	4.39E-04	8.82E-05	8.16E-06	1.75E-06	1.39E-03	2.95E-04	1.67E-03	3.45E-04	6.50E-03	7.93E-04	3.52E-04	7.49E-05	6.46E-05	1.38E-05	1.87E-05	4.00E-06	4.42E-05	9.46E-06	1.64E-05	1.64E-05	1.62E-01	3.18E-02	4.48E-01	5.71E-02
983	Gridded	2.86E-05	6.53E-06	6.09E-06	1.42E-06	3.48E-04	7.52E-05	3.58E-04	7.90E-05	3.98E-04	9.33E-05	8.23E-06	1.76E-06	1.39E-03	2.99E-04	1.56E-03	3.58E-04	5.32E-03	6.15E-04	3.50E-04	7.60E-05	6.51E-05	1.40E-05	1.89E-05	4.04E-06	4.46E-05	9.55E-06	1.66E-05	1.66E-05	1.99E-01	4.29E-02	5.26E-01	6.83E-02
984	Gridded	3.80E-05	5.43E-06	8.33E-06	1.22E-06	4.35E-04	6.67E-05	4.58E-04	6.78E-05	5.47E-04	8.07E-05	1.02E-05	1.59E-06	1.73E-03	2.66E-04	2.09E-03	2.99E-04	4.48E-03	5.69E-04	4.40E-04	6.70E-05	8.08E-05	1.26E-05	2.34E-05	3.64E-06	5.53E-05	8.61E-06	1.54E-05	1.54E-05	1.99E-01	4.84E-02	4.96E-01	8.80E-02
985	Gridded	5.01E-05	5.49E-06	1.03E-05	1.16E-06	6.60E-04	6.49E-05	6.62E-04	6.76E-05	6.76E-04	7.60E-05	1.58E-05	1.53E-06	2.64E-03	2.59E-04	2.68E-03	2.99E-04	4.56E-03	4.64E-04	6.60E-04	6.55E-05	1.25E-04	1.21E-05	3.62E-05	3.50E-06	8.56E-05	8.28E-06	1.33E-05	1.33E-05	1.76E-01	4.32E-02	3.51E-01	8.81E-02
986	Gridded	4.13E-05	5.99E-06	9.09E-06	1.32E-06	5.04E-04	6.83E-05	5.19E-04	7.20E-05	5.99E-04	8.66E-05	1.19E-05	1.60E-06	2.01E-03	2.72E-04	2.25E-03	3.29E-04	4.00E-03	5.48E-04	5.07E-04	6.91E-05	9.44E-05	1.27E-05	2.73E-05	3.66E-06	6.46E-05	8.66E-06	1.57E-05	1.57E-05	2.19E-01	4.31E-02	3.76E-01	7.26E-02
987	Gridded	4.98E-05	5.15E-06	1.01E-05	1.15E-06	6.13E-04	5.76E-05	6.29E-04	6.11E-05	6.54E-04	7.60E-05	1.45E-05	1.34E-06	2.44E-03	2.29E-04	2.70E-03	2.83E-04	5.68E-03	5.20E-04	6.16E-04	5.84E-05	1.15E-04	1.06E-05	3.33E-05	3.08E-06	7.87E-05	7.28E-06	1.43E-05	1.43E-05	2.94E-01	4.19E-02	5.95E-01	7.65E-02
988	Gridded	8.69E-05	5.72E-06	1.86E-05	1.22E-06	1.02E-03	6.71E-05	1.06E-03	7.00E-05	1.22E-03	7.99E-05	2.39E-05	1.58E-06	4.04E-03	2.67E-04	4.75E-03	3.12E-04	6.77E-03	4.35E-04	1.03E-03	6.77E-05	1.89E-04	1.25E-05	5.47E-05	3.61E-06	1.29E-04	8.54E-06	1.36E-05	1.36E-05	2.81E-01	4.10E-02	5.61E-01	7.39E-02
989	Gridded	6.32E-05	5.25E-06	1.48E-05	1.15E-06	6.74E-04	6.00E-05	7.27E-04	6.31E-05	9.81E-04	7.56E-05	1.56E-05	1.40E-06	2.67E-03	2.39E-04	3.50E-03	2.88E-04	7.90E-03	5.77E-04	6.86E-04	6.07E-05	1.23E-04	1.11E-05	3.57E-05	3.22E-06	8.45E-05	7.61E-06	1.44E-05	1.44E-05	3.11E-01	6.06E-02	5.65E-01	1.11E-01
990	Gridded	4.45E-05	6.66E-06	9.42E-06	1.36E-06	5.26E-04	8.10E-05	5.47E-04	8.35E-05	6.15E-04	8.86E-05	1.24E-05	1.92E-06	2.10E-03	3.23E-04	2.43E-03	3.61E-04	3.66E-03	4.09E-04	5.31E-04	8.16E-05	9.81E-05	1.52E-05	2.84E-05	4.39E-06	6.71E-05	1.04E-05	1.35E-05	1.35E-05	3.28E-01	7.22E-02	6.79E-01	1.46E-01
991	Gridded	4.87E-05	9.29E-06	1.02E-05	1.88E-06	6.39E-04	1.15E-04	6.42E-04	1.17E-04	6.72E-04	1.22E-04	1.53E-05	2.72E-06	2.55E-03	4.57E-04	2.65E-03	5.03E-04	5.90E-03	4.92E-04	6.39E-04	1.15E-04	1.21E-04	2.15E-05	3.50E-05	6.22E-06	8.28E-05	1.47E-05	1.77E-05	1.77E-05	3.29E-01	4.62E-02	6.54E-01	9.02E-02
992	Gridded	5.97E-05	8.66E-06	1.21E-05	1.87E-06	7.32E-04	1.01E-04	7.52E-04	1.05E-04	7.86E-04	1.23E-04	1.73E-05	2.36E-06	2.92E-03	4.00E-04	3.23E-03	4.74E-04	4.20E-03	7.07E-04	7.36E-04	1.02E-04	1.37E-04	1.87E-05	3.98E-05	5.41E-06	9.40E-05	1.28E-05	2.13E-05	2.13E-05	4.01E-01	4.42E-02	8.62E-01	8.33E-02
993	Gridded	6.21E-05	4.89E-06	1.37E-05	1.17E-06	7.04E-04	5.09E-05	7.44E-04	5.53E-05	9.02E-04	7.80E-05	1.65E-05	1.19E-06	2.80E-03	2.02E-04	3.41E-03	2.72E-04	5.90E-03	6.78E-04	7.13E-04	5.18E-05	1.30E-04	9.45E-06	3.78E-05	2.74E-06	8.93E-05	6.47E-06	1.66E-05	1.66E-05	3.54E-01	4.40E-02	7.64E-01	8.81E-02
994	Gridded	6.05E-05	4.85E-06	1.34E-05	1.00E-06	6.82E-04	5.94E-05	7.21E-04	6.11E-05	8.85E-04	6.59E-05	1.59E-05	1.41E-06	2.71E-03	2.37E-04	3.32E-03	2.63E-04	5.86E-03	4.08E-04	6.91E-04	5.98E-05	1.26E-04	1.11E-05	3.65E-05	3.23E-06	8.63E-05	7.62E-06	1.18E-05	1.18E-05	3.53E-01	5.47E-02	8.55E-01	9.14E-02
995	Gridded	5.20E-05	7.19E-06	1.10E-05	1.54E-06	6.63E-04	8.43E-05	6.73E-04	8.80E-05	7.20E-04	1.00E-04	1.58E-05	1.98E-06	2.65E-03	3.36E-04	2.80E-03	3.93E-04	5.34E-03	5.47E-04	6.66E-04	8.51E-05	1.25E-04	1.57E-05	3.62E-05	4.54E-06	8.57E-05	1.07E-05	1.70E-05	1.70E-05	4.11E-01	6.69E-02	1.34E+00	1.66E-01
996	Gridded	5.14E-05	6.80E-06	1.05E-05	1.47E-06	6.29E-04	7.88E-05	6.47E-04	8.26E-05	6.87E-04	9.62E-05	1.49E-05	1.85E-06	2.51E-03	3.14E-04	2.79E-03	3.72E-04	4.91E-03	5.57E-04	6.33E-04	7.97E-05	1.18E-04	1.47E-05	3.41E-05	4.24E-06	8.07E-05	1.00E-05	1.68E-05	1.68E-05	3.91E-01	6.82E-02	8.61E-01	9.67E-02
997	Gridded	5.70E-05	5.71E-06	1.14E-05	1.26E-06	7.09E-04	6.45E-05	7.25E-04	6.82E-05	7.38E-04	8.32E-05	1.68E-05	1.51E-06	2.83E-03	2.57E-04	3.08E-03	3.13E-04	4.92E-03	5.43E-04	7.12E-04	6.54E-05	1.33E-04	1.19E-05	3.86E-05	3.46E-06	9.12E-05	8.17E-06	1.53E-05	1.53E-05	3.93E-01	5.98E-02	1.44E+00	1.32E-01
998	Gridded	6.41E-05	5.68E-06	1.35E-05	1.23E-06	7.60E-04	6.56E-05	7.90E-04	6.88E-05	8.84E-04	8.08E-05	1.79E-05	1.54E-06	3.03E-03	2.61E-04	3.49E-03	3.11E-04	5.48E-03	4.78E-04	7.67E-04	6.63E-05	1.42E-04	1.22E-05	4.10E-05	3.53E-06	9.70E-05	8.34E-06	1.42E-05	1.42E-05	4.06E-01	4.61E-02	9.21E-01	8.26E-02
999	Gridded	5.97E-05	6.64E-06	1.31E-05	1.46E-06	6.84E-04	7.58E-05	7.19E-04	7.98E-05	8.58E-04	9.57E-05	1.60E-05	1.78E-06	2.72E-03	3.01E-04	3.27E-03	3.64E-04	5.34E-03	5.99E-04	6.92E-04	7.67E-05	1.27E-04	1.41E-05	3.67E-05	4.07E-06	8.68E-05	9.61E-06	1.73E-05	1.73E-05	3.65E-01	3.72E-02	6.08E-01	6.73E-02
1000	Gridded	6.16E-05	5.23E-06	1.30E-05	1.06E-06	7.31E-04	6.44E-05	7.60E-04	6.61E-05	8.48E-04	6.85E-05	1.72E-05	1.53E-06	2.91E-03	2.57E-04	3.36E-03	2.83E-04	4.29E-03	4.53E-04	7.37E-04	6.48E-05	1.36E-04	1.21E-05	3.95E-05	3.50E-06	9.33E-05	8.28E-06	1.16E-05	1.16E-05	3.74E-01	3.63E-02	7.15E-01	6.66E-02
1001	Gridded	4.59E-05	5.88E-06	9.65E-06	1.26E-06	5.82E-04	6.87E-05	5.82E-04	7.17E-05	6.29E-04	8.25E-05	1.40E-05	1.64E-06	2.33E-03	2.74E-04	2.50E-03	3.21E-04	3.32E-03	4.60E-04	5.82E-04	6.93E-05	1.11E-04	1.30E-05	3.20E-05	3.75E-06	7.56E-05	8.87E-06	1.41E-05	1.41E-05	2.51E-01	4.06E-02	5.05E-01	6.50E-02
1002	Gridded	5.37E-05	7.18E-06	1.10E-05	1.57E-06	6.55E-04	8.24E-05	6.74E-04	8.66E-05	7.15E-04	1.03E-04	1.55E-05	1.93E-06	2.61E-03	3.28E-04	2.92E-03	3.93E-04	3.38E-03	6.28E-04	6.59E-04	8.33E-05	1.23E-04	1.53E-05	3.55E-05	4.43E-06	8.39E-05	1.05E-05	1.84E-05	1.84E-05	2.77E-01	5.01E-02	4.89E-01	7.68E-02
1003	Gridded	5.74E-05	7.31E-06	1.25E-05	1.53E-06	6.63E-04	8.72E-05	6.95E-04	9.05E-05	8.19E-04	1.00E-04	1.55E-05	2.06E-06	2.64E-03	3.47E-04	3.15E-03	3.98E-04	4.88E-03	5.57E-04	6.70E-04	8.79E-05	1.23E-04	1.63E-05	3.56E-05	4.71E-06	8.42E-05	1.11E-05	1.65E-05	1.65E-05	2.88E-01	5.92E-02	4.99E-01	9.54E-02
1004	Gridded	5.07E-05	9.44E-06	1.09E-05	1.99E-06	6.46E-04	1.12E-04	6.56E-04	1.16E-04	7.20E-04	1.30E-04	1.54E-05	2.64E-06	2.58E-03	4.46E-04	2.73E-03	5.15E-04	5.53E-03	6.65E-04	6.48E-04	1.13E-04	1.22E-04	2.09E-05	3.53E-05	6.05E-06	8.34E-05	1.43E-05	2.14E-05	2.14E-05	3.30E-01	7.82E-02	5.42E-01	1.03E-01
1005	Gridded	5.74E-05	1.07E-05	1.15E-05	2.35E-06	7.15E-04	1.23E-04	7.31E-04	1.29E-04	7.41E-04	1.55E-04	1.70E-05	2.88E-06	2.85E-03	4.89E-04	3.10E-03	5.89E-04	4.48E-03	9.56E-04	7.19E-04	1.24E-04	1.35E-04	2.28E-05	3.89E-05	6.60E-06	9.20E-05	1.56E-05	2.77E-05	2.77E-05	2.97E-01	7.09E-02	6.08E-01	1.22E-01
1006	Gridded	4.32E-05	9.60E-06	8.88E-06	2.01E-06	5.24E-04	1.15E-04	5.40E-04	1.19E-04	5.77E-04	1.31E-04	1.24E-05	2.70E-06	2.09E-03	4.56E-04	2.34E-03	5.22E-04	3.73E-03	7.99E-04	5.28E-04	1.15E-04	9.81E-05	2.14E-05	2.84E-05	6.19E-06	6.71E-05	1.46E-05	2.31E-05	2.31E-05	3.14E-01	8.95E-02	5.31E-01	1.58E-01
1007	Gridded	3.55E-05	1.35E-05	7.81E-06	2.83E-06	4.28E-04	1.61E-04	4.42E-04	1.67E-04	5.14E-04	1.84E-04	1.01E-05	3.81E-06	1.71E-03	6.43E-04	1.94E-03	7.35E-04	3.37E-03	9.49E-04	4.32E-04	1.63E-04	8.02E-05	3.01E-05	2.32E-05	8.73E-06	5.49E-05	2.06E-05	2.98E-05	2.98E-05	3.32E-01	1.18E-01	5.74E-01	1.82E-01
1008	Gridded	3.73E-05	1.43E-05	8.00E-06	3.09E-06	4.36E-04	1.66E-04	4.55E-04	1.74E-04	5.23E-04	2.03E-04	1.02E-05	3.91E-06	1.73E-03	6.62E-04	2.04E-03	7.84E-04	3.08E-03	1.17E-03	4.40E-04	1.68E-04	8.11E-05	3.09E-05	2.35E-05	8.95E-06	5.55E-05	2.12E-05	3.53E-05	3.53E-05	2.98E-01	1.03E-01	4.88E-01	1.67E-01
1009	Gridded	3.34E-05	9.81E-06	7.10E-06	2.17E-06	3.94E-04	1.11E-04	4.10E-04	1.17E-04	4.64E-04	1.43E-04	9.28E-06	2.59E-06	1.57E-03	4.41E-04	1.82E-03	5.39E-04	2.81E-03	9.32E-04	3.98E-04	1.12E-04	7.35E-05	2.05E-05	2.13E-05	5.95E-06	5.03E-05	1.41E-05	2.63E-05	2.63E-05	2.34E-01	8.63E-02	4.40E-01	1.18E-01
1010	Gridded	3.60E-05	8.08E-06	7.08E-06	1.71E-06	4.54E-04	9.55E-05	4.62E-04	9.94E-05	4.56E-04	1.12E-04	1.08E-05	2.25E-06	1.81E-03	3.80E-04	1.94E-03	4.40E-04	2.62E-03	5.84E-04	4.56E-04	9.64E-05	8.56E-05	1.78E-05	2.48E-05	5.16E-06	5.85E-05	1.22E-05	1.85E-05	1.85E-05	2.29E-01	7.10E-02	5.21E-01	1.01E-01
1011	Gridded	2.45E-05	6.80E-06	5.32E-06	1.44E-06	3.06E-04	8.01E-05	3.13E-04	8.34E-05	3.51E-04	9.44E-05	7.27E-06	1.89E-06	1.22E-03	3.19E-04	1.32E-03	3.71E-04	2.40E-03	4.98E-04	3.08E-04	8.08E-05	5.76E-05	1.49E-05	1.67E-05	4.32E-06	3.94E-05	1.02E-05	1.58E-05	1.58E-05	2.61E-01	5.66E-02	4.66E-01	7.62E-02
1012	Gridded	2.44E-05	5.96E-06	5.47E-06	1.28E-06	2.75E-04	6.96E-05	2.89E-04	7.27E-05	3.61E-04	8.36E-05	6.49E-06	1.63E-06	1.09E-03	2.77E-04	1.34E-03	3.25E-04	2.65E-03	4.66E-04	2.76E-04	7.02E-05	5.14E-05	1.29E-05	1.49E-05	3.75E-06	3.52E-05	8.86E-06	1.43E-05	1.43E-05	2.64E-01	4.69E-02	3.53E-01	7.47E-02
1013	Gridded	2.45E-05	4.85E-06	5.50E-06	1.05E-06	2.73E-04	5.61E-05	2.90E-04	5.88E-05	3.63E-04	6.88E-05	6.41E-06	1.32E-06	1.08E-03	2.23E-04	1.35E-03	2.65E-04	3.65E-03	4.04E-04	2.77E-04	5.67E-05	5.08E-05	1.04E-05	1.47E-05	3.02E-06	3.47E-05	7.13E-06	1.21E-05	1.21E-05	2.33E-01	5.49E-02	3.31E-01	8.44E-02
1014	Gridded	2.63E-05	4.04E-06	5.65E-06	8.64E-07	3.06E-04	4.79E-05	3.20E-04	4.97E-05	3.70E-04	5.65E-05	7.20E-06	1.13E-06	1.22E-03	1.91E-04	1.44E-03	2.21E-04	4.13E-03	3.09E-04	3.09E-04	4.83E-05	5.70E-05	8.96E-06	1.65E-05	2.59E-06	3.90E-05	6.13E-06	9.60E-06	9.60E-06	1.91E-01	5.92E-02	3.25E-01	9.00E-02
1015	Gridded	4.52E-05	4.30E-06	9.84E-06	8.95E-07	5.20E-04	5.15E-05	5.46E-04	5.33E-05	6.46E-04	5.83E-05	1.22E-05	1.22E-06	2.07E-03	2.05E-04	2.47E-03	2.34E-04	4.12E-03	3.33E-04	5.26E-04	5.19E-05	9.65E-05	9.63E-06	2.79E-05	2.79E-06	6.60E-05	6.59E-06	9.36E-06	9.36E-06	2.25E-01	6.29E-02	4.13E-01	9.55E-02
1016	Gridded	6.95E-05	5.15E-06	1.54E-05	1.13E-06	7.87E-04	5.89E-05	8.31E-04	6.20E-05	1.01E-03	7.42E-05	1.84E-05	1.38E-06	3.13E-03	2.34E-04	3.82E-03	2.82E-04	6.57E-03	4.61E-04	7.97E-04	5.96E-05	1.46E-04	1.09E-05	4.22E-05	3.16E-06	9.97E-05	7.48E-06	1.33E-05	1.33E-05	3.11E-01	6.73E-02	4.84E-01	1.03E-01
1017	Gridded	6.42E-05	5.96E-06	1.41E-05	1.31E-06	7.30E-04	6.80E-05	7.70E-04	7.17E-05	9.30E-04	8.60E-05	1.71E-05	1.59E-06	2.90E-03	2.71E-04	3.52E-03	3.27E-04	6.00E-03	5.40E-04	7.39E-04	6.88E-05	1.35E-04	1.26E-05	3.91E-05	3.65E-06	9.25E-05	8.63E-06	1.55E-05	1.55E-05	3.05E-01	6.67E-02	5.50E-01	1.05E-01
1018	Gridded	7.35E-05	7.12E-06	1.62E-05	1.49E-06	8.36E-04	8.52E-05	8.81E-04	8.83E-05	1.06E-03	9.68E-05	1.96E-05	2.01E-06	3.32E-03	3.40E-04	4.03E-03	3.87E-04	6.77E-03	5.71E-04	8.46E-04	8.59E-05	1.55E-04	1.59E-05	4.48E-05	4.61E-06	1.06E-04	1.09E-05	1.61E-05	1.61E-05	3.15E-01	7.37E-02	5.12E-01	1.17E-01
1019	Gridded	5.63E-05	7.81E-06	1.24E-05	1.63E-06	6.42E-04	9.35E-05	6.77E-04	9.69E-05	8.13E-04	1.06E-04	1.50E-05	2.21E-06	2.55E-03	3.72E-04	3.09E-03	4.25E-04	5.11E-03	5.33E-04	6.50E-04	9.42E-05	1.19E-04	1.75E-05	3.45E-05	5.06E-06	8.15E-05	1.20E-05	1.71E-05	1.71E-05	2.36E-01	6.65E-02	4.42E-01	1.07E-01
1020	Gridded	3.38E-05	7.03E-06	7.55E-06	1.46E-06	3.80E-04	8.43E-05	4.03E-04	8.73E-05	4.97E-04	9.53E-05	8.87E-06	1.99E-06	1.51E-03	3.36E-04	1.86E-03	3.82E-04	3.73E-03	4.73E-04	3.85E-04	8.50E-05	7.02E-05	1.58E-05	2.03E-05	4.56E-06	4.81E-05	1.08E-05	1.52E-05	1.52E-05	2.50E-01	5.60E-02	4.53E-01	9.54E-02
1021	Gridded	3.48E-05	5.08E-06	7.67E-06	1.11E-06	3.96E-04	5.80E-05	4.18E-04	6.10E-05	5.04E-04	7.32E-05	9.27E-06	1.36E-06	1.57E-03	2.31E-04	1.91E-03	2.78E-04	3.60E-03	4.58E-04	4.01E-04	5.86E-05	7.34E-05	1.07E-05	2.12E-05	3.11E-06	5.02E-05	7.35E-06	1.32E-05	1.32E-05	1.94E-01	2.91E-02	4.74E-01	5.01E-02
1022	Gridded	3.12E-05	4.80E-06	6.85E-06	1.06E-06	3.55E-04	5.44E-05	3.74E-04	5.74E-05	4.51E-04	6.97E-05	8.33E-06	1.27E-06	1.41E-03	2.16E-04	1.71E-03	2.63E-04	3.98E-03	4.50E-04	3.59E-04	5.51E-05	6.60E-05	1.01E-05	1.91E-05	2.92E-06	4.51E-05	6.89E-06	1.28E-05	1.28E-05	2.22E-01	2.94E-02	4.48E-01	5.06E-02
1023	Gridded	2.69E-05	4.26E-06	6.09E-06	9.48E-07	3.28E-04	4.80E-05	3.38E-04	5.08E-05	4.11E-04	6.24E-05	7.78E-06	1.12E-06	1.31E-03	1.91E-04	1.46E-03	2.34E-04	4.49E-03	4.16E-04	3.30E-04	4.86E-05	6.16E-05	8.87E-06	1.78E-05	2.57E-06	4.21E-05	6.07E-06	1.16E-05	1.16E-05	2.52E-01	2.87E-02	4.41E-01	4.76E-02
1024	Gridded	2.71E-05	3.76E-06	6.58E-06	8.42E-07	3.33E-04	4.22E-05	3.42E-04	4.47E-05	4.44E-04	5.55E-05	7.90E-06	9.84E-07	1.33E-03	1.68E-04	1.47E-03	2.07E-04	4.92E-03	3.78E-04	3.35E-04	4.27E-05	6.25E-05	7.79E-06	1.81E-05	2.26E-06	4.28E-05	5.33E-06	1.04E-05	1.04E-05	2.63E-01	2.69E-02	4.50E-01	3.93E-02
1025	Gridded	3.12E-05	3.60E-06	7.07E-06	8.08E-07	3.79E-04	4.10E-05	3.90E-04	4.26E-05	4.76E-04	5.33E-05	8.96E-06	9.69E-07	1.51E-03	1.63E-04	1.69E-03	1.98E-04	4.97E-03	3.69E-04	3.81E-04	4.13E-05	7.09E-05	7.67E-06	2.05E-05	2.22E-06	4.85E-05	5.25E-06	1.01E-05	1.01E-05	2.39E-01	2.65E-02	4.04E-01	4.10E-02
1026	Gridded	3.26E-05	3.77E-06	6.86E-06	7.82E-07	3.89E-04	4.55E-05	4.03E-04	4.70E-05	4.48E-04	5.09E-05	9.16E-06	1.07E-06	1.55E-03	1.81E-04	1.78E-03	2.05E-04	4.09E-03	3.54E-04	3.92E-04	4.58E-05	7.25E-05	8.51E-06	2.10E-05	2.46E-06	4.96E-05	5.82E-06	9.59E-06	9.59E-06	2.01E-01	2.62E-02	3.12E-01	4.26E-02
1027	Gridded	3.10E-05	4.13E-06	6.65E-06	8.53E-07	3.62E-04	4.99E-05	3.78E-04	5.15E-05	4.35E-04	5.55E-05	8.51E-06	1.18E-06	1.44E-03	1.99E-04	1.69E-03	2.24E-04	2.99E-03	3.46E-04	3.66E-04	5.02E-05	6.74E-05	9.34E-06	1.95E-05	2.70E-06	4.61E-05	6.39E-06	9.94E-06	9.94E-06	2.09E-01	2.63E-02	3.61E-01	4.50E-02
1028	Gridded	2.75E-05	4.51E-06	5.99E-06	9.41E-07	3.18E-04	5.48E-05	3.32E-04	5.65E-05	3.93E-04	6.19E-05	7.59E-06	1.30E-06	1.27E-03	2.18E-04	1.51E-03	2.45E-04	2.39E-03	3.95E-04	3.19E-04	5.51E-05	6.01E-05	1.03E-05	1.74E-05	2.97E-06	4.11E-05	7.02E-06	1.13E-05	1.13E-05	2.05E-01	2.65E-02	3.87E-01	4.73E-02

Scenario 1 Results

1029 Gridded	2.75E-05	4.80E-06	5.28E-06	1.02E-06	3.53E-04	5.86E-05	3.57E-04	6.03E-05	3.39E-04	6.74E-05	8.43E-06	1.39E-06	1.41E-03	2.34E-04	1.48E-03	2.60E-04	2.72E-03	4.34E-04	3.54E-04	5.90E-05	6.67E-05	1.10E-05	1.93E-05	3.18E-06	4.57E-05	7.52E-06	1.23E-05	1.23E-05	1.96E-01	3.34E-02	3.89E-01	4.74E-02
1030 Gridded	2.89E-05	4.80E-06	5.57E-06	1.04E-06	3.71E-04	5.92E-05	3.76E-04	6.08E-05	3.58E-04	6.82E-05	8.85E-06	1.41E-06	1.48E-03	2.36E-04	1.55E-03	2.60E-04	2.76E-03	4.42E-04	3.72E-04	5.96E-05	7.01E-05	1.11E-05	2.03E-05	3.22E-06	4.79E-05	7.61E-06	1.25E-05	1.25E-05	1.81E-01	3.96E-02	3.71E-01	6.15E-02
1031 Gridded	3.27E-05	5.11E-06	6.31E-06	1.10E-06	4.18E-04	6.36E-05	4.24E-04	6.50E-05	4.05E-04	7.24E-05	9.97E-06	1.51E-06	1.67E-03	2.54E-04	1.76E-03	2.76E-04	2.73E-03	4.73E-04	4.19E-04	6.39E-05	7.89E-05	1.20E-05	2.28E-05	3.46E-06	5.40E-05	8.18E-06	1.33E-05	1.33E-05	1.84E-01	4.44E-02	3.95E-01	7.79E-02
1032 Gridded	3.63E-05	5.44E-06	7.03E-06	1.14E-06	4.62E-04	6.78E-05	4.69E-04	6.93E-05	4.52E-04	7.49E-05	1.10E-05	1.61E-06	1.85E-03	2.71E-04	1.95E-03	2.94E-04	3.22E-03	4.92E-04	4.64E-04	6.82E-05	8.72E-05	1.28E-05	2.52E-05	3.69E-06	5.97E-05	8.73E-06	1.38E-05	1.38E-05	1.96E-01	4.49E-02	4.53E-01	8.80E-02
1033 Gridded	3.17E-05	5.37E-06	6.18E-06	1.19E-06	4.02E-04	6.14E-05	4.09E-04	6.43E-05	3.97E-04	7.80E-05	9.58E-06	1.46E-06	1.61E-03	2.45E-04	1.71E-03	2.95E-04	4.39E-03	6.06E-04	4.04E-04	6.17E-05	7.59E-05	1.16E-05	2.20E-05	3.35E-06	5.19E-05	7.91E-06	1.43E-05	1.43E-05	1.92E-01	3.79E-02	4.43E-01	8.26E-02
1034 Gridded	2.79E-05	5.63E-06	5.94E-06	1.19E-06	3.28E-04	6.65E-05	3.42E-04	6.92E-05	3.89E-04	7.79E-05	7.72E-06	1.57E-06	1.31E-03	2.65E-04	1.52E-03	3.07E-04	5.03E-03	7.08E-04	3.31E-04	6.71E-05	6.11E-05	1.24E-05	1.77E-05	3.59E-06	4.18E-05	8.48E-06	1.50E-05	1.50E-05	1.85E-01	3.41E-02	3.97E-01	6.41E-02
1035 Gridded	3.36E-05	6.63E-06	6.72E-06	1.41E-06	4.18E-04	7.78E-05	4.28E-04	8.12E-05	4.35E-04	9.24E-05	9.93E-06	1.83E-06	1.67E-03	3.10E-04	1.82E-03	3.62E-04	4.81E-03	6.98E-04	4.20E-04	7.86E-05	7.86E-05	1.45E-05	2.28E-05	4.20E-06	5.38E-05	9.92E-06	1.56E-05	1.56E-05	2.03E-01	4.25E-02	4.71E-01	7.19E-02
1036 Gridded	7.06E-05	6.58E-06	1.29E-05	1.44E-06	9.40E-04	7.53E-05	9.41E-04	7.92E-05	8.22E-04	9.47E-05	2.26E-05	1.76E-06	3.76E-03	2.99E-04	3.77E-03	3.61E-04	4.49E-03	5.88E-04	9.40E-04	7.61E-05	1.79E-04	1.40E-05	5.17E-05	4.04E-06	1.22E-04	9.55E-06	1.70E-05	1.70E-05	2.14E-01	5.83E-02	5.89E-01	9.50E-02
1037 Gridded	5.82E-05	5.39E-06	1.18E-05	1.18E-06	7.17E-04	6.32E-05	7.35E-04	6.53E-05	7.62E-04	7.75E-05	1.70E-05	1.49E-06	2.86E-03	2.52E-04	3.15E-03	2.96E-04	3.36E-03	5.10E-04	7.21E-04	6.36E-05	1.35E-04	1.18E-05	3.90E-05	3.42E-06	9.21E-05	8.08E-06	1.39E-05	1.39E-05	2.09E-01	6.04E-02	4.22E-01	1.19E-01
1038 Gridded	4.50E-05	6.57E-06	9.25E-06	1.43E-06	5.46E-04	7.54E-05	5.63E-04	7.93E-05	6.01E-04	9.42E-05	1.29E-05	1.77E-06	2.18E-03	3.00E-04	2.44E-03	3.60E-04	6.12E-03	5.74E-04	5.50E-04	7.63E-05	1.02E-04	1.40E-05	2.96E-05	4.05E-06	7.00E-05	9.58E-06	1.68E-05	1.68E-05	2.45E-01	5.19E-02	4.73E-01	1.02E-01
1039 Gridded	4.90E-05	6.35E-06	1.04E-05	1.41E-06	5.78E-04	7.15E-05	6.02E-04	7.56E-05	6.80E-04	9.32E-05	1.36E-05	1.67E-06	2.30E-03	2.84E-04	2.67E-03	3.49E-04	4.61E-03	6.24E-04	5.83E-04	7.24E-05	1.08E-04	1.32E-05	3.12E-05	3.82E-06	7.37E-05	9.04E-06	1.74E-05	1.74E-05	3.04E-01	5.49E-02	5.95E-01	1.00E-01
1040 Gridded	8.43E-05	6.98E-06	1.77E-05	1.46E-06	1.00E-03	8.35E-05	1.04E-03	8.65E-05	1.16E-03	9.50E-05	2.37E-05	1.97E-06	4.00E-03	3.33E-04	4.59E-03	3.80E-04	5.70E-03	4.68E-04	1.01E-03	8.41E-05	1.87E-04	1.56E-05	5.43E-05	4.51E-06	1.28E-04	1.07E-05	1.53E-05	1.53E-05	3.52E-01	4.90E-02	7.62E-01	8.83E-02
1041 Gridded	7.79E-05	6.55E-06	1.77E-05	1.51E-06	8.57E-04	7.09E-05	9.15E-04	7.61E-05	1.17E-03	1.00E-04	1.99E-05	1.64E-06	3.40E-03	2.81E-04	4.30E-03	3.62E-04	8.75E-03	7.76E-04	8.70E-04	7.20E-05	1.58E-04	1.30E-05	4.57E-05	3.77E-06	1.08E-04	8.90E-06	2.01E-05	2.01E-05	3.58E-01	7.46E-02	7.29E-01	1.37E-01
1042 Gridded	5.10E-05	7.36E-06	1.10E-05	1.54E-06	5.89E-04	8.82E-05	6.18E-04	9.13E-05	7.24E-04	1.00E-04	1.38E-05	2.08E-06	2.35E-03	3.51E-04	2.79E-03	4.01E-04	4.26E-03	4.74E-04	5.96E-04	8.89E-05	1.10E-04	1.65E-05	3.17E-05	4.77E-06	7.49E-05	1.13E-05	1.60E-05	1.60E-05	3.87E-01	8.13E-02	7.97E-01	1.71E-01
1043 Gridded	6.48E-05	1.05E-05	1.21E-05	2.14E-06	8.48E-04	1.29E-04	8.53E-04	1.32E-04	7.74E-04	1.38E-04	2.03E-05	3.05E-06	3.39E-03	5.14E-04	3.47E-03	5.69E-04	6.51E-03	5.60E-04	8.50E-04	1.30E-04	1.61E-04	2.42E-05	4.65E-05	7.00E-06	1.10E-04	1.65E-05	2.06E-05	2.06E-05	4.04E-01	5.70E-02	1.16E+00	1.12E-01
1044 Gridded	7.26E-05	6.74E-06	1.53E-05	1.53E-06	8.98E-04	7.42E-05	9.20E-04	7.92E-05	9.98E-04	1.01E-04	2.13E-05	1.73E-06	3.58E-03	2.95E-04	3.93E-03	3.72E-04	5.45E-03	7.35E-04	9.03E-04	7.53E-05	1.69E-04	1.37E-05	4.88E-05	3.96E-06	1.15E-04	9.36E-06	1.96E-05	1.96E-05	5.25E-01	4.56E-02	1.04E+00	8.30E-02
1045 Gridded	7.50E-05	5.73E-06	1.65E-05	1.25E-06	8.54E-04	6.57E-05	9.00E-04	6.91E-05	1.09E-03	8.21E-05	2.00E-05	1.54E-06	3.40E-03	2.62E-04	4.12E-03	3.14E-04	6.89E-03	5.01E-04	8.64E-04	6.65E-05	1.58E-04	1.22E-05	4.58E-05	3.53E-06	1.08E-04	8.35E-06	1.46E-05	1.46E-05	5.03E-01	6.29E-02	1.01E+00	1.41E-01
1046 Gridded	6.11E-05	7.77E-06	1.32E-05	1.65E-06	7.10E-04	9.17E-05	7.43E-04	9.55E-05	8.62E-04	1.08E-04	1.67E-05	2.16E-06	2.83E-03	3.65E-04	3.34E-03	4.24E-04	5.61E-03	5.62E-04	7.17E-04	9.26E-05	1.32E-04	1.71E-05	3.82E-05	4.95E-06	9.03E-05	1.17E-05	1.79E-05	1.79E-05	5.16E-01	8.41E-02	1.73E+00	2.13E-01
1047 Gridded	5.41E-05	7.40E-06	1.16E-05	1.58E-06	6.57E-04	8.65E-05	6.77E-04	9.03E-05	7.63E-04	1.04E-04	1.55E-05	2.03E-06	2.62E-03	3.44E-04	2.93E-03	4.04E-04	6.09E-03	5.73E-04	6.61E-04	8.73E-05	1.23E-04	1.61E-05	3.56E-05	4.66E-06	8.41E-05	1.10E-05	1.77E-05	1.77E-05	4.80E-01	8.31E-02	1.08E+00	1.15E-01
1048 Gridded	7.37E-05	6.26E-06	1.49E-05	1.39E-06	9.07E-04	7.29E-05	9.31E-04	7.54E-05	9.65E-04	9.18E-05	2.15E-05	1.72E-06	3.62E-03	2.90E-04	3.99E-03	3.44E-04	6.64E-03	6.12E-04	9.12E-04	7.34E-05	1.70E-04	1.36E-05	4.93E-05	3.94E-06	1.16E-04	9.32E-06	1.71E-05	1.71E-05	4.98E-01	6.50E-02	1.67E+00	1.51E-01
1049 Gridded	6.51E-05	8.62E-06	1.46E-05	1.84E-06	7.44E-04	1.01E-04	7.79E-04	1.05E-04	9.60E-04	1.20E-04	1.75E-05	2.38E-06	2.96E-03	4.02E-04	3.58E-03	4.71E-04	6.67E-03	6.53E-04	7.51E-04	1.02E-04	1.39E-04	1.88E-05	4.02E-05	5.45E-06	9.49E-05	1.29E-05	2.04E-05	2.04E-05	4.71E-01	6.30E-02	8.87E-01	1.17E-01
1050 Gridded	6.98E-05	6.06E-06	1.51E-05	1.39E-06	8.09E-04	6.62E-05	8.47E-04	7.09E-05	9.88E-04	9.19E-05	1.90E-05	1.54E-06	3.22E-03	2.63E-04	3.82E-03	3.35E-04	5.96E-03	6.87E-04	8.17E-04	6.72E-05	1.50E-04	1.22E-05	4.35E-05	3.53E-06	1.03E-04	8.33E-06	1.81E-05	1.81E-05	5.15E-01	4.79E-02	1.02E+00	8.60E-02
1051 Gridded	5.64E-05	6.82E-06	1.20E-05	1.45E-06	6.65E-04	8.05E-05	6.93E-04	8.38E-05	7.81E-04	9.45E-05	1.57E-05	1.90E-06	2.65E-03	3.20E-04	3.07E-03	3.72E-04	4.07E-03	4.94E-04	6.71E-04	8.12E-05	1.24E-04	1.50E-05	3.59E-05	4.35E-06	8.49E-05	1.03E-05	1.58E-05	1.58E-05	2.91E-01	4.99E-02	5.76E-01	8.44E-02
1052 Gridded	5.61E-05	8.39E-06	1.15E-05	1.83E-06	6.82E-04	9.63E-05	7.03E-04	1.01E-04	7.49E-04	1.20E-04	1.61E-05	2.26E-06	2.72E-03	3.83E-04	3.05E-03	4.60E-04	3.98E-03	7.33E-04	6.86E-04	9.74E-05	1.28E-04	1.79E-05	3.70E-05	5.17E-06	8.74E-05	1.22E-05	2.14E-05	2.14E-05	3.08E-01	6.15E-02	5.58E-01	9.47E-02
1053 Gridded	5.96E-05	8.91E-06	1.30E-05	1.87E-06	6.82E-04	1.06E-04	7.18E-04	1.10E-04	8.57E-04	1.22E-04	1.60E-05	2.50E-06	2.71E-03	4.22E-04	3.27E-03	4.85E-04	5.32E-03	6.49E-04	6.90E-04	1.07E-04	1.26E-04	1.98E-05	3.66E-05	5.72E-06	8.65E-05	1.35E-05	2.00E-05	2.00E-05	3.30E-01	7.10E-02	5.86E-01	1.13E-01
1054 Gridded	5.91E-05	1.09E-05	1.17E-05	2.33E-06	7.42E-04	1.29E-04	7.57E-04	1.34E-04	7.53E-04	1.52E-04	1.77E-05	3.03E-06	2.96E-03	5.13E-04	3.19E-03	5.97E-04	5.83E-03	8.12E-04	7.46E-04	1.30E-04	1.40E-04	2.40E-05	4.05E-05	6.95E-06	9.56E-05	1.64E-05	2.56E-05	2.56E-05	3.74E-01	8.36E-02	5.49E-01	1.07E-01
1055 Gridded	6.55E-05	8.88E-06	1.33E-05	2.00E-06	8.05E-04	1.01E-04	8.26E-04	1.06E-04	8.59E-04	1.32E-04	1.91E-05	2.38E-06	3.21E-03	4.02E-04	3.54E-03	4.89E-04	4.51E-03	9.29E-04	8.10E-04	1.02E-04	1.51E-04	1.88E-05	4.37E-05	5.45E-06	1.03E-04	1.29E-05	2.52E-05	2.52E-05	3.12E-01	8.59E-02	6.87E-01	1.48E-01
1056 Gridded	4.92E-05	1.29E-05	1.02E-05	2.67E-06	5.93E-04	1.55E-04	6.13E-04	1.60E-04	6.65E-04	1.74E-04	1.40E-05	3.66E-06	2.36E-03	6.18E-04	2.68E-03	7.00E-04	3.95E-03	9.37E-04	5.97E-04	1.56E-04	1.11E-04	2.90E-05	3.21E-05	8.40E-06	7.58E-05	1.98E-05	2.93E-05	2.93E-05	3.97E-01	1.24E-01	6.22E-01	1.96E-01
1057 Gridded	3.69E-05	1.49E-05	7.86E-06	3.20E-06	4.37E-04	1.75E-04	4.55E-04	1.82E-04	5.17E-04	2.09E-04	1.03E-05	4.10E-06	1.74E-03	6.95E-04	2.01E-03	8.15E-04	3.45E-03	1.16E-03	4.41E-04	1.76E-04	8.15E-05	3.25E-05	2.36E-05	9.40E-06	5.58E-05	2.22E-05	3.57E-05	3.57E-05	3.87E-01	1.12E-01	5.49E-01	1.80E-01
1058 Gridded	3.49E-05	1.03E-05	7.39E-06	2.28E-06	4.13E-04	1.17E-04	4.29E-04	1.23E-04	4.83E-04	1.50E-04	9.72E-06	2.73E-06	1.64E-03	4.64E-04	1.90E-03	5.66E-04	2.66E-03	9.76E-04	4.16E-04	1.18E-04	7.69E-05	2.16E-05	2.23E-05	6.26E-06	5.26E-05	1.48E-05	2.76E-05	2.76E-05	2.77E-01	9.22E-02	5.28E-01	1.21E-01
1059 Gridded	4.11E-05	1.00E-05	8.03E-06	2.12E-06	5.21E-04	1.19E-04	5.29E-04	1.24E-04	5.17E-04	1.39E-04	1.24E-05	2.80E-06	2.08E-03	4.74E-04	2.21E-03	5.48E-04	2.83E-03	7.08E-04	5.23E-04	1.20E-04	9.82E-05	2.22E-05	2.84E-05	6.42E-06	6.72E-05	1.52E-05	2.29E-05	2.29E-05	2.74E-01	8.70E-02	6.20E-01	1.19E-01
1060 Gridded	3.46E-05	1.00E-05	7.09E-06	2.14E-06	4.22E-04	1.17E-04	4.34E-04	1.22E-04	4.60E-04	1.40E-04	9.98E-06	2.75E-06	1.68E-03	4.65E-04	1.88E-03	5.47E-04	2.56E-03	7.79E-04	4.25E-04	1.18E-04	7.90E-05	2.18E-05	2.29E-05	6.30E-06	5.41E-05	1.49E-05	2.40E-05	2.40E-05	3.77E-01	7.48E-02	5.77E-01	1.05E-01
1061 Gridded	2.64E-05	6.53E-06	5.74E-06	1.42E-06	3.15E-04	7.52E-05	3.27E-04	7.89E-05	3.79E-04	9.32E-05	7.44E-06	1.76E-06	1.26E-03	2.99E-04	1.44E-03	3.58E-04	2.58E-03	5.60E-04	3.18E-04	7.60E-05	5.89E-05	1.40E-05	1.70E-05	4.04E-06	4.03E-05	9.55E-06	1.65E-05	1.65E-05	2.95E-01	6.96E-02	4.18E-01	1.08E-01
1062 Gridded	2.46E-05	4.56E-06	5.52E-06	9.74E-07	2.76E-04	5.44E-05	2.92E-04	5.63E-05	3.64E-04	6.37E-05	6.43E-06	1.28E-06	1.10E-03	2.17E-04	1.36E-03	2.49E-04	3.22E-03	3.47E-04	2.79E-04	5.48E-05	5.09E-05	1.02E-05	1.47E-05	2.94E-06	3.48E-05	6.96E-06	1.08E-05	1.08E-05	2.08E-01	6.66E-02	3.83E-01	1.03E-01
1063 Gridded	2.32E-05	4.37E-06	5.84E-06	9.09E-07	2.59E-04	5.25E-05	2.75E-04	5.43E-05	3.92E-04	5.92E-05	6.05E-06	1.24E-06	1.03E-03	2.09E-04	1.31E-03	2.38E-04	3.88E-03	3.04E-04	2.63E-04	5.29E-05	4.79E-05	9.81E-06	1.39E-05	2.84E-06	3.28E-05	6.71E-06	9.41E-06	9.41E-06	1.82E-01	6.25E-02	3.50E-01	9.74E-02
1064 Gridded	3.09E-05	4.52E-06	6.40E-06	9.37E-07	3.74E-04	5.45E-05	3.86E-04	5.63E-05	4.16E-04	6.10E-05	8.83E-06	1.29E-06	1.49E-03	2.17E-04	1.68E-03	2.46E-04	4.03E-03	3.14E-04	3.76E-04	5.49E-05	6.99E-05	1.02E-05	2.02E-05	2.95E-06	4.78E-05	6.98E-06	9.77E-06	9.77E-06	2.02E-01	6.08E-02	3.30E-01	9.59E-02
1065 Gridded	5.62E-05	5.29E-06	1.19E-05	1.14E-06	6.65E-04	6.17E-05	6.91E-04	6.45E-05	7.76E-04	7.45E-05	1.57E-05	1.45E-06	2.65E-03	2.45E-04	3.06E-03	2.89E-04	4.02E-03	4.19E-04	6.71E-04	6.23E-05	1.24E-04	1.15E-05	3.59E-05	3.32E-06	8.48E-05	7.85E-06	1.28E-05	1.28E-05	2.95E-01	5.51E-02	4.30E-01	8.86E-02
1066 Gridded	7.61E-05	5.87E-06	1.64E-05	1.27E-06	8.87E-04	6.78E-05	9.27E-04	7.11E-05	1.07E-03	8.34E-05	2.08E-05	1.59E-06	3.53E-03	2.70E-04	4.16E-03	3.21E-04	6.04E-03	4.91E-04	8.96E-04	6.85E-05	1.65E-04	1.26E-05	4.78E-05	3.65E-06	1.13E-04	8.62E-06	1.46E-05	1.46E-05	3.48E-01	4.89E-02	4.88E-01	7.84E-02
1067 Gridded	7.62E-05	5.18E-06	1.64E-05	1.12E-06	8.85E-04	5.99E-05	9.27E-04	6.28E-05	1.08E-03	7.37E-05	2.08E-05	1.41E-06	3.52E-03	2.38E-04	4.17E-03	2.84E-04	6.19E-03	4.35E-04	8.94E-04	6.06E-05	1.65E-04	1.11E-05	4.76E-05	3.22E-06	1.13E-04	7.62E-06	1.29E-05	1.29E-05	3.02E-01	5.11E-02	4.99E-01	9.59E-02
1068 Gridded	5.73E-05	7.39E-06	1.24E-05	1.54E-06	6.62E-04	8.88E-05	6.94E-04	9.19E-05	8.15E-04	1.00E-04	1.55E-05	2.10E-06	2.63E-03	3.54E-04	3.14E-03	4.02E-04	4.82E-03	4.85E-04	6.69E-04	8.94E-05	1.23E-04	1.66E-05	3.56E-05	4.80E-06	8.41E-05	1.14E-05	1.59E-05	1.59E-05	3.34E-01	7.41E-02	5.98E-01	1.27E-01
1069 Gridded	4.17E-05	1.01E-05	8.81E-06	2.12E-06	4.99E-04	1.20E-04	5.15E-04	1.25E-04	5.75E-04	1.38E-04	1.18E-05	2.84E-06	1.99E-03	4.80E-04	2.27E-03	5.51E-04	4.42E-03	6.79E-04	5.03E-04	1.21E-04	9.35E-05	2.25E-05	2.71E-05	6.51E-06	6.40E-05	1.54E-05	2.25E-05	2.25E-05	3.76E-01	8.42E-02	6.83E-01	1.33E-01
1070 Gridded	4.68E-05	1.16E-05	9.80E-06	2.45E-06	5.59E-04	1.36E-04	5.80E-04	1.42E-04	6.39E-04	1.60E-04	1.32E-05	3.21E-06	2.23E-03	5.43E-04	2.55E-03	6.30E-04	3.50E-03	8.37E-04	5.64E-04	1.38E-04	1.04E-04	2.54E-05	3.02E-05	7.36E-06	7.15E-05	1.74E-05	2.67E-05	2.67E-05	3.66E-01	7.64E-02	6.08E-01	1.14E-01
1071 Gridded	4.05E-05	1.02E-05	8.58E-06	2.18E-06	4.79E-04	1.19E-04	4.99E-04	1.25E-04	5.60E-04	1.43E-04	1.13E-05	2.81E-06	1.91E-03	4.75E-04	2.21E-03	5.57E-04	2.99E-03	7.79E-04	4.83E-04	1.21E-04	8.94E-05	2.22E-05	2.59E-05	6.44E-06	6.11E-05	1.52E-05	2.42E-05	2.42E-05	2.98E-01	6.04E-02	5.21E-01	8.67E-02
1072 Gridded	4.10E-05	6.07E-06	9.08E-06	1.38E-06	4.94E-04	6.81E-05	5.08E-04	7.14E-05	5.98E-04	9.10E-05	1.17E-05	1.62E-06	1.97E-03	2.72E-04	2.25E-03	3.35E-04	3.91E-03	6.58E-04	4.97E-04	6.85E-05	9.26E-05	1.28E-05	2.68E-05	3.70E-06	6.34E-05	8.75E-06	1.76E-05	1.76E-05	2.73E-01	3.93E-02	5.85E-01	7.14E-02
1073 Gridded	3.70E-05	5.12E-06	7.70E-06	1.04E-06	4.44E-04	6.26E-05	4.60E-04	6.44E-05	5.05E-04	6.89E-05	1.05E-05	1.48E-06	1.77E-03	2.50E-04	2.01E-03	2.78E-04	3.64E-03	4.98E-04	4.47E-04	6.30E-05	8.30E-05	1.17E-05	2.40E-05	3.40E-06	5.68E-05	8.04E-06	1.33E-05	1.33E-05	2.69E-01	3.86E-02	5.77E-01	7.06E-02
1074 Gridded	3.37E-05	4.86E-06	7.21E-06	1.00E-06	3.94E-04	5.90E-05	4.12E-04	6.09E-05	4.72E-04	6.53E-05	9.32E-06	1.40E-06	1.57E-03	2.35E-04	1.84E-03	2.64E-04	3.42E-03	3.98E-04	3.98E-04	5.94E-05	7.38E-05	1.11E-05	2.14E-05	3.20E-06	5.05E-05	7.56E-06	1.12E-05	1.12E-05	2.68E-01	3.75E-02	5.90E-01	6.80E-02
1075 Gridded	2.62E-05	4.24E-06	5.48E-06	9.18E-07	3.25E-04	4.91E-05	3.33E-04	5.14E-05	3.60E-04	6.02E-05	7.71E-06	1.15E-06	1.30E-03	1.95E-04	1.42E-03	2.32E-04	2.83E-03	3.53E-04	3.26E-04	4.96E-05	6.10E-05	9.12E-06	1.77E-05	2.64E-06	4.17E-05	6.24E-06	1.05E-05	1.05E-05	2.26E-01	3.44E-02	5.42E-01	6.09E-02
1076 Gridded	2.64E-05	4.25E-06	5.63E-06	9.28E-07	3.10E-04	4.88E-05	3.23E-04	5.13E-05	3.68E-04	6.09E-05	7.30E-06	1.14E-06	1.24E-03	1.94E-04	1.44E-03	2.33E-04	3.89E-03	3.72E-04	3.13E-04	4.93E-05	5.78E-05	9.05E-06	1.67E-05	2.62E-06	3.95E-05	6.19E-06	1.09E-05	1.09E-05	2.47E-01	3.36E-02	5.28E-01	5.92E-02
1077 Gridded	2.63E-05	4.01E-06	5.41E-06	8.79E-07	3.20E-04	4.65E-05	3.30E-04	4.87E-05	3.68E-04	5.78E-05	7.58E-06	1.09E-06	1.28E-03	1.85E-04	1.42E-03	2.20E-04	4.50E-03	3.67E-04	3.22E-04	4.70E-05	6.00E-05	8.64E-06	1.74E-05	2.50E-06	4.11E-05	5.91E-06	1.05E-05	1.05E-05	2.59E-01	3.16E-02	4.55E-01	5.40E-02
1078 Gridded	3.10E-05	3.91E-06	6.43E-06	8.62E-07	3.74E-04	4.50E-05	3.86E-04	4.72E-05	4.18E-04	5.67E-05	8.83E-06	1.06E-06	1.49E-03	1.79E-04	1.69E-03	2.14E-04	4.50E-03	3.71E-04	3.76E-04	4.55E-05	6.99E-05	8.35E-06	2.02E-05	2.42E-06	4.78E-05	5.72E-06	1.04E-05	1.04E-05	2.34E-01	3.14E-02	4.22E-01	4.65E-02
1079 Gridded	3.57E-05	3.88E-06	7.39E-06	8.63E-07	4.31E-04	4.38E-05	4.45E-04	4.62E-05	4.80E-04	5.69E-05	1.02E-05	1.03E-06	1.72E-03	1.74E-04	1.94E-03	2.13E-04	3.87E-03	3.80E-04	4.34E-04	4.43E-05	8.06E-05	8.12E-06	2.33E-05	2.35E-06	5.52E-05	5.56E-06	1.06E-05	1.06E-05	1.87E-01	3.27E-02	3.50E-01	5.10E-02
1080 Gridded	3.92E-05	3.99E-06	8.02E-06	8.51E-07	4.77E-04	4.86E-05	4.91E-04	5.00E-05	5.21E-04	5.57E-05	1.13E-05	1.15E-06	1.90E-03	1.94E-04	2.12E-03	2.17E-04	3.44E-03	3.77E-04	4.80E-04	4.89E-05	8.93E-05	9.11E-06	2.59E-05	2.64E-06	6.11E-05	6.23E-06	1.04E-05	1.04E-05	2.02E-01	3.44E-02	3.48E-01	5.60E-02
1081 Gridded	4.01E-05	4.44E-06	8.13E-06	9.06E-07	4.94E-04	5.42E-05	5.07E-04	5.58E-05	5.27E-04	5.94E-05	1.17E-05	1.28E-06	1.97E-03	2.16E-04	2.17E-03	2.41E-04	3.09E-03	3.68E-04	4.97E-04	5.45E-05	9.27E-05	1.02E-05	2.68E-05	2.94E-06	6.34E-05	6.95E-06	1.07E-05	1.07E-05	2.09E-01	3.53E-02	3.60E-01	6.03E-02
1082 Gridded	4.07E-05	4.92E-06	8.17E-06	1.05E-06	5.04E-04	6.03E-05	5.16E-04	6.20E-05	5.28E-04	6.93E-05	1.20E-05	1.43E-06	2.01E-03	2.40E-04	2.20E-03	2.67E-04	3.14E-03	4.37E-04	5.06E-04	6.07E-05	9.47E-05	1.13E-05	2.74E-05	3.27E-06	6.48E-05	7.74E-06	1.26E-05	1.26E-05	2.21E-01	4.02E-02	3.76E-01	6.55E-02
1083 Gridded	4.08E-05	5.79E-06	8.18E-06	1.28E-06	5.07E-04	6.85E-05	5.19E-04	7.03E-05	5.29E-04	8.39E-05	1.20E-05	1.62E-06	2.02E-03	2.73E-04	2.21E-03	3.18E-04	3.17E-03	5.36E-04	5.10E-04	6.89E-05	9.53E-05	1.29E-05	2.76E-05	3.72E-06	6.52E-05	8.79E-06	1.53E-05	1.53E-05	2.57E-01	5.37E-02	5.01E-01	7.57E-02
1084 Gridded	3.58E-05	6.01E-06	6.82E-06	1.28E-06	4.68E-04	7.05E-05	4.71E-04	7.35E-05	4.41E-04	8.44E-05	1.12E-05	1.66E-06	1.87E-03	2.80E-04	1.91E-03	3.28E-04	2.88E-03	5.41E-04	4.68E-04	7.11E-05	8.86E-05	1.31E-05	2.56E-05	3.80E-06	6.06E-05	8.98E-06	1.54E-05	1.54E-05	2.72E-01	6.28E-02	4.93E-01	1.01E-01
1085 Gridded	3.57E-05	5.99E-06	6.72E-06	1.28E-06	4.66E-04	7.03E-05	4.69E-04	7.33E-05	4.29E-04	8.36E-05	1.11E-05	1.65E-06	1.86E-03	2.80E-04	1.91E-03	3.27E-04	2.59E-03	4.97E-04	4.67E-04	7.09E-05	8.82E-05	1.31E-05	2.55E-05	3.79E-06	6.04E-05	8.95E-06	1.41E-05	1.41E-05	2.81E-01	6.43E-02	5.36E-01	1.19E-01
1086 Gridded	3.23E-05	6.00E-06	6.46E-06	1.31E-06	4.20E-04	6.87E-05	4.23E-04	7.22E-05	4.24E-04	8.63E-05	1.00E-05	1.61E-06	1.68E-03	2.73E-04	1.73E-03	3.29E-04	3.38E-03	5.34E-04	4.21E-04	6.94E-05	7.95E-05	1.27E-05	2.30E-05	3.69E-06	5.44E-05	8.71E-06	1.55E-05	1.55E-05	2.51E-01	5.66E-02	5.17E-01	1.23E-01
1087 Gridded	8.77E-05	6.20E-06	1.60E-05	1.31E-06	1.17E-03	7.36E-05	1.17E-03	7.61E-05	1.02E-03	8.58E-05	2.81E-05	1.77E-06	4.68E-03	2.94E-04	4.68E-03	3.38E-04	4.48E-03	5.81E-04	1.17E-03	7.38E-05	2.22E-04	1.40E-05	6.43E-05	4.05E-06	1.52E-04	9.56E-06	1.48E-05	1.48E-05	2.60E-01	4.55E-02	4.56E-01	1.01E-01
1088 Gridded	5.75E-05	6.92E-06	1.07E-05	1.48E-06	7.57E-04	8.10E-05	7.60E-04	8.45E-05	6.80E-04	9.68E-05	1.81E-05	1.90E-06	3.03E-03	3.22E-04	3.07E-03	3.78E-04	3.58E-03	5.43E-04	7.57E-04	8.18E-05	1.44E-04	1.51E-05	4.16E-05	4.36E-06	9.82E-05	1.03E-05	1.65E-05	1.65E-05	2.39E-01	5.94E-02	5.42E-01	9.49E-02
1089 Gridded	5.14E-05	6.93E-06	9.97E-06	1.51E-06	6.54E-04	7.96E-05	6.64E-04	8.37E-05	6.41E-04	9.91E-05	1.56E-05	1.87E-06	2.61E-03	3.17E-04	2.76E-03	3.79E-04	4.10E-03	6.07E-04	6.57E-04	8.05E-05	1.24E-04	1.48E-05	3.58E-05	4.28E-06	8.45E-05	1.01E-05	1.76E-05	1.76E-05	2.55E-01	8.27E-02	5.37E-01	1.41E-01
1090 Gridded	4.27E-05	7.47E-06	8.65E-06	1.61E-06	5.24E-04	8.67E-05	5.38E-04	9.08E-05	5.62E-04	1.06E-04	1.24E-05	2.04E-06	2.09E-03	3.45E-04	2.31E-03	4.09E-04	7.12E-03	6.31E-04	5.27E-04	8.76E-05	9.83E-05	1.61E-05	2.85E-05	4.67E-06	6.73E-05	1.10E-05	1.84E-05	1.84E-05	2.87E-01	7.64E-02	6.57E-01	1.72E-01
1091 Gridded	5.29E-05	7.95E-06	1.09E-05	1.75E-06	6.41E-04	9.02E-05	6.61E-04	9.52E-05	7.07E-04	1.15E-04	1.52E-05	2.11E-06	2.56E-03	3.59E-04	2.87E-03	4.36E-04	4.64E-03	7.44E-04	6.46E-04	9.13E-05	1.20E-04	1.67E-05	3.48E-05	4.83E-06	8.22E-05	1.14E-05	2.11E-05	2.11E-05	3.85E-01	7.40E-02	8.74E-01	1.33E-01
1092 Gridded	1.07E-04	7.88E-06	2.20E-05	1.61E-06	1.31E-03	9.60E-05	1.35E-03	9.89E-05	1.43E-03	1.05E-04	3.09E-05	2.27E-06	5.21E-03	3.83E-04	5.82E-03	4.27E-04	5.87E-03	5.11E-04	1.32E-03	9.66E-05	2.45E-04	1.80E-05	7.09E-05	5.21E-06	1.68E-04	1.23E-05	1.59E-05	1.59E-05	5.05E-01	6.35E-02	1.19E+00	1.25E-01
1093 Gridded	1.36E-04	1.02E-05	3.03E-05	2.26E-06	1.53E-03	1.15E-04	1.62E-03	1.22E-04	1.99E-03	1.49E-04	3.57E-05	2.69E-06	6.08E-03	4.57E-04	7.47E-03	5.60E-04	1.33E-02	9.82E-04	1.55E-03	1.17E-04	2.83E-04	2.13E-05	8.19E-05	6.16E-06	1.93E-04	1.46E-05	2.75E-05	2.75E-05	4.80E-01	9.99E-02	8.47E-01	1.78E-01
1094 Gridded	5.14E-05	9.18E-06	1.10E-05	1.86E-06	5.99E-04	1.13E-04	6.26E-04	1.16E-04	7.24E-04	1.20E-04	1.41E-05	2.68E-06	2.39E-03	4.50E-04	2.81E-03	4.97E-04	5.63E-03	5.20E-04	6.05E-04	1.14E-04	1.12E-04	2.12E-05	3.23E-05	6.13E-06	7.63E-05	1.45E-05	1.77E-05	1.77E-05	4.93E-01	1.03E-01	1.08E+00	2.21E-01
1095 Gridded	6.48E-05	9.34E-06	1.29E-05	1.96E-06	8.10E-04	1.11E-04	8.27E-04	1.16E-04	8.30E-04	1.28E-04	1.93E-05	2.63E-06	3.23E-03	4.44E-04	3.50E-03	5.08E-04	5.81E-03	7.01E-04	8.14E-04	1.12E-04	1.53E-04	2.08E-05	4.41E-05	6.02E-06	1.04E-04	1.42E-05	2.08E-05	2.08E-05	6.58E-01	7.12E-02	1.67E+00	1.35E-01
1096 Gridded	8.80E-05	7.23E-06	1.90E-05	1.56E-06	1.02E-03	8.38E-05	1.07E-03	8.78E-05	1.24E-03	1.03E-04	2.40E-05	1.97E-06	4.06E-03	3.33E-04	4.81E-03	3.96E-04	7.17E-03	6.91E-04	1.03E-03	8.46E-05	1.90E-04	1.56E-05	5.50E-05	4.51E-06	1.30E-04	1.07E-05	1.79E-05	1.79E-05	5.75E-01	8.55E-02	1.30E+00	1.80E-01
1097 Gridded	7.36E-05	7.45E-06	1.68E-05	1.56E-06	8.10E-04	8.88E-05	8.61E-04	9.21E-05	1.11E-03	1.02E-04	1.91E-05	2.09E-06	3.23E-03	3.54E-04	4.06E-03	4.06E-04	8.28E-03	6.34E-04	8.18E-04	8.95E-05	1.51E-04	1.66E-05	4.38E-05	4.80E-06	1.03E-04	1.13E-05	1.78E-05	1.78E-05	5.93E-01	1.00E-01	1.89E+00	2.41E-01
1098 Gridded	5.65E-05	7.29E-06	1.29E-05	1.54E-06	6.16E-04	8.61E-05	6.59E-04	8.96E-05	8.57E-04	1.01E-04	1.43E-05	2.03E-06	2.44E-03	3.43E-04	3.12E-03	3.98E-04	6.45E-03	5.25E-04	6.25E-04	8.69E-05	1.13E-04	1.61E-05	3.28E-05	4.65E-06	7.75E-05	1.10E-05	1.68E-05	1.68E-05	6.22E-01	9.81E-02	1.30E+00	1.42E-01
1099 Gridded	8.52E-05	7.39E-06	1.77E-05	1.60E-06	1.03E-03	8.55E-05	1.06E-03	8.97E-05	1.17E-03	1.05E-04	2.43E-05	2.01E-06	4.09E-03	3.40E-04	4.63E-03	4.05E-04	8.77E-03	6.17E-04	1.03E-03	8.64E-05	1.92E-04	1.59E-05	5.56E-05	4.60E-06	1.31E-04	1.09E-05	1.84E-05	1.84E-05	5.81E-01	7.00E-02	1.42E+00	1.43E-01
1100 Gridded	7.82E-05	9.19E-06	1.73E-05	2.03E-06	8.83E-04	1.04E-04	9.33E-04	1.10E-04	1.14E-03	1.34E-04	2.06E-05	2.44E-06	3.51E-03	4.14E-04	4.29E-03	5.04E-04	7.51E-03	8.62E-04	8.94E-04	1.05E-04	1.63E-04	1.93E-05	4.73E-05	5.59E-06	1.12E-04	1.32E-05	2.44E-05	2.44E-05	6.18E-01	5.53E-02	1.14E+00	9.80E-02
1101 Gridded	6.77E-05	8.37E-06	1.46E-05	1.74E-06	7.89E-04	1.01E-04	8.25E-04	1.04E-04	9.53E-04	1.13E-04	1.85E-05	2.38E-06	3.14E-03	4.01E-04	3.70E-03	4.55E-04	5.38E-03	5.15E-04	7.97E-04	1.01E-04	1.47E-04	1.88E-05	4.25E-05	5.45E-06	1.00E-04	1.29E-05	1.79E-05	1.79E-05	4.88E-01	6.68E-02	7.75E-01	1.20E-01
1102 Gridded	5.92E-05	9.82E-06	1.23E-05	2.14E-06	7.15E-04	1.14E-04	7.39E-04	1.19E-04	7.98E-04	1.40E-04	1.69E-05	2.67E-06	2.85E-03	4.52E-04	3.22E-03	5.38E-04	4.30E-03	8.45E-04	7.20E-04	1.15E-04	1.34E-04	2.11E-05	3.87E-05	6.12E-06	9.15E-05	1.45E-05	2.49E-05	2.49E-05	3.46E-01	7.69E-02	6.20E-01	1.23E-01
1103 Gridded	6.29E-05	1.09E-05	1.39E-05	2.33E-06	7.13E-04	1.29E-04	7.53E-04	1.34E-04	9.16E-04	1.52E-04	1.67E-05	3.03E-06	2.83E-03	5.12E-04	3.46E-03	5.97E-04	6.17E-03	8.13E-04	7.22E-04	1.30E-04	1.32E-04	2.40E-05	3.82E-05	6.94E-06	9.03E-05	1.64E-05	2.56E-05	2.56E-05	3.82E-01	9.23E-02	7.52E-01	1.33E-01
1104 Gridded	7.27E-05	1.23E-05	1.47E-05	2.68E-06	8.95E-04	1.42E-04	9.19E-04	1.49E-04	9.52E-04	1.76E-04	2.12E-05	3.34E-06	3.57E-03	5.66E-04	3.94E-03	6.76E-04	6.11E-03	1.05E-03	9.00E-04	1.44E-04	1.68E-04	2.64E-05	4.87E-05	7.64E-06	1.15E-04	1.81E-05	3.12E-05	3.12E-05	4.01E-01	9.10E-02	7.34E-01	1.56E-01
1105 Gridded	7.45E-05	1.19E-05	1.54E-05	2.54E-06	9.01E-04	1.40E-04	9.30E-04	1.46E-04	1.00E-03	1.66E-04	2.13E-05	3.29E-06	3.59E-03	5.57E-04	4.05E-03	6.50E-04	4.47E-03	9.01E-04	9.07E-04	1.41E-04	1.69E-04	2.60E-05	4.88E-05	7.54E-06	1.15E-04	1.78E-05	2.82E-05	2.82E-05	3.84E-01	1.14E-01	5.99E-01	1.88E-01
1106 Gridded	5.39E-05	1.46E-05	1.13E-05	3.10E-06	6.44E-04	1.72E-04	6.68E-04	1.80E-04	7.35E-04	2.03E-04	1.52E-05	4.06E-06	2.57E-03	6.87E-04	2.93E-03	7.97E-04	4.16E-03	1.06E-03	6.49E-04	1.74E-04	1.20E-04	3.21E-05	3.48E-05	9.31E-06	8.23E-05	2.20E-05	3.38E-05	3.38E-05	4.67E-01	1.17E-01	6.48E-01	1.88E-01
1107 Gridded	4.05E-05	1.17E-05	8.58E-06	2.60E-06	4.78E-04	1.32E-04	4.98E-04	1.40E-04	5.60E-04	1.71E-04	1.13E-05	3.10E-06	1.91E-03	5.26E-04	2.21E-03	6.45E-04	3.38E-03	1.13E-03	4.83E-04	1.34E-04	8.92E-05	2.45E-05	2.58E-05	7.09E-06	6.10E-05	1.68E-05	3.17E-05	3.17E-05	4.16E-01	1.05E-01	6.40E-01	1.42E-01
1108 Gridded	4.27E-05	1.14E-05	8.22E-06	2.41E-06	5.46E-04	1.35E-04	5.53E-04	1.40E-04	5.28E-04	1.57E-04	1.30E-05	3.18E-06	2.18E-03	5.37E-04	2.29E-03	6.21E-04	2.67E-03	8.09E-04	5.48E-04	1.36E-04	1.03E-04	2.51E-05	2.99E-05	7.28E-06	7.06E-05	1.72E-05	2.61E-05	2.61E-05	3.39E-01	9.88E-02	6.94E-01	1.25E-01
1109 Gridded	3.86E-05	1.05E-05	8.00E-06	2.27E-06	4.66E-04	1.21E-04	4.82E-04	1.27E-04	5.20E-04	1.49E-04	1.10E-05	2.85E-06	1.86E-03	4.82E-04	2.10E-03	5.73E-04	3.15E-03	8.70E-04	4.70E-04	1.23E-04	8.73E-05	2.25E-05	2.53E-05	6.52E-06	5.97E-05	1.54E-05	2.60E-05	2.60E-05	4.43E-01	9.21E-02	5.78E-01	1.46E-01
1110 Gridded	2.98E-05	6.83E-06	6.51E-06	1.42E-06	3.68E-04	8.21E-05	3.78E-04	8.49E-05	4.30E-04	9.27E-05	8.74E-06	1.94E-06	1.47E-03	3.27E-04	1.61E-03	3.71E-04	3.17E-03	5.70E-04	3.70E-04	8.27E-05	6.92E-05	1.53E-05	2.00E-05	4.44E-06	4.73E-05	1.05E-05	1.61E-05	1.61E-05	3.05E-01	9.82E-02	5.43E-01	1.52E-01
1111 Gridded	2.54E-05	6.51E-06	5.83E-06	1.35E-06	2.83E-04	7.84E-05	3.00E-04	8.10E-05	3.86E-04	8.80E-05	6.61E-06	1.85E-06	1.13E-03	3.12E-04	1.40E-03	3.54E-04	3.07E-03	4.29E-04	2.87E-04	7.89E-05	5.23E-05	1.47E-05	1.51E-05	4.24E-06	3.58E-05	1.00E-05	1.39E-05	1.39E-05	2.84E-01	9.16E-02	5.17E-01	1.42E-01
1112 Gridded	2.87E-05	5.71E-06	6.80E-06	1.18E-06	3.01E-04	6.89E-05	3.26E-04	7.12E-05	4.53E-04	7.67E-05	6.93E-06	1.63E-06	1.19E-03	2.75E-04	1.59E-03	3.10E-04	3.83E-03	3.39E-04	3.06E-04	6.94E-05	5.49E-05	1.29E-05	1.59E-05	3.73E-06	3.75E-05	8.83E-06	1.20E-05	1.20E-05	2.19E-01	7.22E-02	4.01E-01	1.15E-01
1113 Gridded	3.10E-05	4.95E-06	7.29E-06	1.02E-06	3.30E-04	5.99E-05	3.56E-04	6.18E-05	4.84E-04	6.63E-05	7.62E-06	1.42E-06	1.31E-03	2.39E-04	1.72E-03	2.69E-04	3.96E-03	2.88E-04	3.35E-04	6.03E-05	6.03E-05	1.12E-05	1.75E-05	3.25E-06	4.12E-05	7.68E-06	1.03E-05	1.03E-05	1.94E-01	5.12E-02	3.69E-01	8.41E-02
1114 Gridded	2.98E-05	4.79E-06	6.90E-06	9.86E-07	3.22E-04	5.80E-05	3.46E-04	5.99E-05	4.57E-04	6.41E-05	7.46E-06	1.37E-06	1.28E-03	2.31E-04	1.65E-03	2.60E-04	3.56E-03	2.75E-04	3.27E-04	5.84E-05	5.90E-05	1.09E-05	1.71E-05	3.15E-06	4.04E-05	7.43E-06	9.89E-06	9.89E-06	2.23E-01	4.21E-02	4.30E-01	6.42E-02
1115 Gridded	2.56E-05	4.61E-06	5.85E-06	9.51E-07	2.99E-04	5.57E-05	3.11E-04	5.75E-05	3.87E-04	6.19E-05	7.05E-06	1.32E-06	1.19E-03	2.22E-04	1.41E-03	2.50E-04	2.89E-03	2.71E-04	3.02E-04	5.61E-05	5.58E-05	1.04E-05	1.62E-05	3.02E-06	3.82E-05	7.14E-06	9.62E-06	9.62E-06	2.52E-01	5.00E-02	4.45E-01	8.66E-02
1116 Gridded	2.77E-05	4.23E-06	5.86E-06	8.79E-07	3.31E-04	5.07E-05	3.43E-04	5.25E-05	3.87E-04	5.73E-05	7.82E-06	1.20E-06	1.32E-03	2.02E-04	1.50E-03	2.30E-04	3.34E-03	2.87E-04	3.34E-04	5.11E-05	6.19E-05	9.49E-06	1.79E-05	2.75E-06	4.24E-05	6.49E-06	9.10E-06	9.10E-06	2.91E-01	6.09E-02	5.07E-01	1.02E-01
1117 Gridded	2.74E-05	4.43E-06	5.73E-06	9.32E-07	3.27E-04	5.28E-05	3.39E-04	5.48E-05	3.74E-04	6.08E-05	7.71E-06	1.24E-06	1.30E-03	2.10E-04	1.49E-03	2.42E-04	3.31E-03	3.34E-04	3.29E-04	5.32E-05	6.10E-05	9.86E-06	1.77E-05	2.85E-06	4.18E-05	6.74E-06	9.91E-06	9.91E-06	3.02E-01	6.63E-02	5.54E-01	1.05E-01
1118 Gridded	3.04E-05	5.52E-06	6.41E-06	1.16E-06	3.61E-04	6.55E-05	3.75E-04	6.80E-05	4.18E-04	7.60E-05	8.52E-06	1.54E-06	1.44E-03	2.61E-04	1.66E-03	3.01E-04	2.09E-03	3.84E-04	3.64E-04	6.60E-05	6.74E-05	1.22E-05	1.95E-05	3.54E-06	4.61E-05	8.36E-06	1.25E-05	1.25E-05	3.67E-01	6.17E-02	7.08E-01	8.90E-02
1119 Gridded	3.80E-05	8.39E-06	7.83E-06	1.80E-06	4.61E-04	9.79E-05	4.75E-04	1.02E-04	5.09E-04	1.18E-04	1.09E-05	2.30E-06	1.84E-03	3.90E-04	2.06E-03	4.58E-04	2.45E-03	6.57E-04	4.64E-04	9.89E-05	8.63E-05	1.82E-05	2.50E-05	5.27E-06	5.90E-05	1.25E-05	2.02E-05	2.02E-05	4.38E-01	5.51E-02	8.57E-01	7.14E-02
1120 Gridded	4.99E-05	1.10E-05	1.06E-05	2.43E-06	6.09E-04	1.26E-04	6.27E-04	1.33E-04	6.95E-04	1.60E-04	1.44E-05	2.95E-06	2.43E-03	5.01E-04	2.71E-03	6.06E-04	3.97E-03	1.01E-03	6.13E-04	1.27E-04	1.14E-04	2.33E-05	3.30E-05	6.75E-06	7.81E-05	1.60E-05	2.90E-05	2.90E-05	4.24E-01	5.31E-02	8.40E-01	8.41E-02
1121 Gridded	4.92E-05	7.31E-06	8.99E-06	1.62E-06	6.56E-04	8.25E-05	6.56E-04	8.72E-05	5.71E-04	1.07E-04	1.57E-05	1.93E-06	2.62E-03	3.28E-04	2.62E-03	4.01E-04	3.30E-03	7.01E-04	6.56E-04	8.36E-05	1.25E-04	1.53E-05	3.61E-05	4.42E-06	8.52E-05	1.04E-05	1.97E-05	1.97E-05	4.01E-01	4.06E-02	5.95E-01	6.27E-02
1122 Gridded	4.87E-05	5.81E-06	8.89E-06	1.25E-06	6.49E-04	7.06E-05	6.49E-04	7.28E-05	5.65E-04	8.23E-05	1.56E-05	1.67E-06	2.60E-03	2.82E-04	2.60E-03	3.15E-04	3.71E-03	5.68E-04	6.49E-04	7.11E-05	1.23E-04	1.32E-05	3.57E-05	3.83E-06	8.44E-05	9.05E-06	1.56E-05	1.56E-05	3.60E-01	3.49E-02	4.84E-01	5.50E-02
1123 Gridded	3.82E-05	7.75E-06	8.03E-06	1.68E-06	4.96E-04	8.98E-05	5.01E-04	9.41E-05	5.27E-04	1.10E-04	1.19E-05	2.11E-06	1.98E-03	3.57E-04	2.07E-03	4.24E-04	3.30E-03	6.38E-04	4.97E-04	9.08E-05	9.40E-05	1.67E-05	2.72E-05	4.83E-06	6.43E-05	1.14E-05	1.92E-05	1.92E-05	3.24E-01	5.20E-02	7.04E-01	1.10E-01

Scenario 1 Results

1124 Gridded	3.72E-05	7.00E-06	7.57E-06	1.52E-06	4.55E-04	8.09E-05	4.68E-04	8.48E-05	4.91E-04	9.96E-05	1.08E-05	1.90E-06	1.81E-03	3.22E-04	2.01E-03	3.83E-04	2.83E-03	5.89E-04	4.57E-04	8.17E-05	8.53E-05	1.50E-05	2.47E-05	4.35E-06	5.83E-05	1.03E-05	1.75E-05	1.75E-05	3.31E-01	4.71E-02	7.51E-01	1.13E-01
1125 Gridded	4.13E-05	7.06E-06	8.47E-06	1.54E-06	5.01E-04	8.11E-05	5.17E-04	8.53E-05	5.50E-04	1.01E-04	1.19E-05	1.90E-06	2.00E-03	3.23E-04	2.24E-03	3.87E-04	2.70E-03	6.14E-04	5.05E-04	8.20E-05	9.39E-05	1.51E-05	2.72E-05	4.36E-06	6.43E-05	1.03E-05	1.80E-05	1.80E-05	3.52E-01	4.52E-02	8.05E-01	1.15E-01
1126 Gridded	3.84E-05	5.82E-06	7.98E-06	1.27E-06	4.61E-04	6.66E-05	4.77E-04	7.01E-05	5.20E-04	8.36E-05	1.09E-05	1.56E-06	1.84E-03	2.65E-04	2.09E-03	3.19E-04	2.83E-03	5.16E-04	4.64E-04	6.74E-05	8.62E-05	1.24E-05	2.49E-05	3.58E-06	5.90E-05	8.46E-06	1.50E-05	1.50E-05	3.39E-01	4.65E-02	8.00E-01	1.15E-01
1127 Gridded	2.88E-05	3.96E-06	6.13E-06	8.68E-07	3.37E-04	4.52E-05	3.52E-04	4.76E-05	4.01E-04	5.70E-05	7.94E-06	1.06E-06	1.34E-03	1.80E-04	1.57E-03	2.17E-04	2.92E-03	3.55E-04	3.41E-04	4.58E-05	6.29E-05	8.39E-06	1.82E-05	2.43E-06	4.30E-05	5.74E-06	1.03E-05	1.03E-05	3.06E-01	4.32E-02	6.77E-01	1.01E-01
1128 Gridded	2.33E-05	3.34E-06	5.27E-06	7.14E-07	2.68E-04	4.05E-05	2.74E-04	4.17E-05	3.48E-04	4.67E-05	6.39E-06	9.58E-07	1.07E-03	1.61E-04	1.28E-03	1.82E-04	3.26E-03	2.80E-04	2.70E-04	4.08E-05	5.06E-05	7.58E-06	1.46E-05	2.19E-06	3.46E-05	5.19E-06	8.04E-06	8.04E-06	2.71E-01	4.13E-02	5.97E-01	9.02E-02
1129 Gridded	2.33E-05	3.76E-06	5.45E-06	8.01E-07	2.81E-04	4.42E-05	2.87E-04	4.61E-05	3.62E-04	5.24E-05	6.67E-06	1.04E-06	1.12E-03	1.76E-04	1.29E-03	2.05E-04	3.58E-03	2.87E-04	2.82E-04	4.46E-05	5.28E-05	8.23E-06	1.53E-05	2.38E-06	3.61E-05	5.63E-06	8.85E-06	8.85E-06	2.27E-01	3.92E-02	5.96E-01	7.98E-02
1130 Gridded	2.98E-05	4.13E-06	6.81E-06	8.81E-07	3.26E-04	4.83E-05	3.49E-04	5.05E-05	4.50E-04	5.77E-05	7.59E-06	1.14E-06	1.30E-03	1.92E-04	1.65E-03	2.25E-04	3.79E-03	3.18E-04	3.31E-04	4.88E-05	6.01E-05	9.00E-06	1.74E-05	2.61E-06	4.11E-05	6.16E-06	9.80E-06	9.80E-06	2.49E-01	3.86E-02	5.36E-01	6.75E-02
1131 Gridded	3.56E-05	4.34E-06	8.02E-06	9.30E-07	3.95E-04	5.07E-05	4.20E-04	5.29E-05	5.29E-04	6.09E-05	9.20E-06	1.19E-06	1.57E-03	2.02E-04	1.96E-03	2.37E-04	3.96E-03	3.39E-04	4.00E-04	5.12E-05	7.28E-05	9.43E-06	2.11E-05	2.73E-06	4.98E-05	6.45E-06	1.04E-05	1.04E-05	2.30E-01	3.96E-02	4.58E-01	6.35E-02
1132 Gridded	3.74E-05	4.31E-06	8.28E-06	9.28E-07	4.23E-04	5.02E-05	4.47E-04	5.25E-05	5.45E-04	6.08E-05	9.90E-06	1.18E-06	1.68E-03	2.00E-04	2.05E-03	2.36E-04	4.11E-03	3.46E-04	4.29E-04	5.07E-05	7.83E-05	9.33E-06	2.27E-05	2.70E-06	5.36E-05	6.38E-06	1.05E-05	1.05E-05	1.93E-01	4.04E-02	3.93E-01	6.07E-02
1133 Gridded	3.72E-05	4.41E-06	8.05E-06	9.52E-07	4.30E-04	5.11E-05	4.51E-04	5.35E-05	5.28E-04	6.24E-05	1.01E-05	1.20E-06	1.71E-03	2.03E-04	2.03E-03	2.41E-04	4.42E-03	3.61E-04	4.34E-04	5.16E-05	7.98E-05	9.50E-06	2.31E-05	2.75E-06	5.46E-05	6.50E-06	1.09E-05	1.09E-05	2.03E-01	4.46E-02	4.51E-01	6.99E-02
1134 Gridded	4.02E-05	5.08E-06	8.24E-06	1.09E-06	5.05E-04	5.91E-05	5.15E-04	6.18E-05	5.39E-04	7.15E-05	1.20E-05	1.39E-06	2.02E-03	2.35E-04	2.17E-03	2.77E-04	4.95E-03	4.04E-04	5.07E-04	5.97E-05	9.51E-05	1.10E-05	2.75E-05	3.18E-06	6.51E-05	7.52E-06	1.23E-05	1.23E-05	2.36E-01	5.18E-02	7.85E-01	8.37E-02
1135 Gridded	4.25E-05	5.84E-06	8.23E-06	1.25E-06	5.41E-04	6.82E-05	5.49E-04	7.13E-05	5.29E-04	8.19E-05	1.29E-05	1.60E-06	2.16E-03	2.72E-04	2.28E-03	3.19E-04	5.18E-03	4.54E-04	5.43E-04	6.89E-05	1.02E-04	1.27E-05	2.96E-05	3.68E-06	6.99E-05	8.69E-06	1.40E-05	1.40E-05	2.54E-01	5.36E-02	7.15E-01	9.00E-02
1136 Gridded	3.85E-05	6.64E-06	7.39E-06	1.42E-06	4.94E-04	7.79E-05	5.00E-04	8.13E-05	4.74E-04	9.27E-05	1.18E-05	1.83E-06	1.97E-03	3.10E-04	2.07E-03	3.63E-04	5.21E-03	5.01E-04	4.96E-04	7.87E-05	9.34E-05	1.45E-05	2.70E-05	4.20E-06	6.39E-05	9.93E-06	1.57E-05	1.57E-05	2.72E-01	6.40E-02	5.45E-01	9.47E-02
1137 Gridded	3.05E-05	7.08E-06	6.88E-06	1.50E-06	3.95E-04	8.35E-05	3.99E-04	8.70E-05	4.63E-04	9.82E-05	9.44E-06	1.97E-06	1.58E-03	3.32E-04	1.64E-03	3.86E-04	4.81E-03	5.16E-04	3.96E-04	8.43E-05	7.47E-05	1.56E-05	2.16E-05	4.51E-06	5.11E-05	1.07E-05	1.64E-05	1.64E-05	3.05E-01	8.16E-02	9.35E-01	1.05E-01
1138 Gridded	3.24E-05	7.26E-06	7.00E-06	1.54E-06	4.32E-04	8.58E-05	4.32E-04	8.93E-05	4.59E-04	1.00E-04	1.04E-05	2.02E-06	1.73E-03	3.42E-04	1.76E-03	3.96E-04	3.99E-03	5.17E-04	4.32E-04	8.66E-05	8.21E-05	1.60E-05	2.38E-05	4.63E-06	5.62E-05	1.09E-05	1.66E-05	1.66E-05	4.55E-01	9.39E-02	1.21E+00	1.50E-01
1139 Gridded	9.63E-05	6.95E-06	1.76E-05	1.51E-06	1.28E-03	8.04E-05	1.28E-03	8.43E-05	1.12E-03	9.88E-05	3.08E-05	1.89E-06	5.14E-03	3.20E-04	5.14E-03	3.81E-04	4.25E-03	5.82E-04	1.28E-03	8.12E-05	2.44E-04	1.50E-05	7.06E-05	4.33E-06	1.67E-04	1.02E-05	1.73E-05	1.73E-05	4.30E-01	8.64E-02	1.20E+00	1.84E-01
1140 Gridded	6.02E-05	7.56E-06	1.12E-05	1.65E-06	7.93E-04	8.69E-05	7.96E-04	9.13E-05	7.12E-04	1.08E-04	1.90E-05	2.04E-06	3.17E-03	3.45E-04	3.22E-03	4.14E-04	3.13E-03	6.58E-04	7.94E-04	8.78E-05	1.50E-04	1.61E-05	4.35E-05	4.67E-06	1.03E-04	1.10E-05	1.93E-05	1.93E-05	2.92E-01	6.32E-02	8.02E-01	1.61E-01
1141 Gridded	4.09E-05	8.93E-06	8.64E-06	1.94E-06	4.85E-04	1.03E-04	5.04E-04	1.08E-04	5.64E-04	1.27E-04	1.14E-05	2.42E-06	1.93E-03	4.10E-04	2.23E-03	4.89E-04	4.68E-03	7.52E-04	4.89E-04	1.04E-04	9.05E-05	1.92E-05	2.62E-05	5.54E-06	6.19E-05	1.31E-05	2.24E-05	2.24E-05	3.12E-01	8.77E-02	7.42E-01	1.43E-01
1142 Gridded	3.55E-05	9.92E-06	7.90E-06	2.15E-06	4.08E-04	1.15E-04	4.24E-04	1.20E-04	5.21E-04	1.41E-04	9.60E-06	2.69E-06	1.62E-03	4.56E-04	1.95E-03	5.43E-04	7.48E-03	8.31E-04	4.11E-04	1.16E-04	7.60E-05	2.13E-05	2.20E-05	6.16E-06	5.20E-05	1.46E-05	2.48E-05	2.48E-05	3.54E-01	1.17E-01	8.80E-01	1.98E-01
1143 Gridded	4.28E-05	9.35E-06	8.76E-06	2.03E-06	5.21E-04	1.08E-04	5.36E-04	1.13E-04	5.69E-04	1.34E-04	1.23E-05	2.53E-06	2.08E-03	4.28E-04	2.32E-03	5.12E-04	5.36E-03	8.02E-04	5.24E-04	1.09E-04	9.76E-05	2.00E-05	2.82E-05	5.79E-06	6.68E-05	1.37E-05	2.37E-05	2.37E-05	4.89E-01	9.16E-02	8.64E-01	2.04E-01
1144 Gridded	7.17E-05	6.95E-06	1.41E-05	1.52E-06	9.06E-04	7.98E-05	9.22E-04	8.38E-05	9.05E-04	9.96E-05	2.16E-05	1.87E-06	3.62E-03	3.17E-04	3.86E-03	3.81E-04	3.46E-03	6.22E-04	9.09E-04	8.07E-05	1.71E-04	1.48E-05	4.94E-05	4.28E-06	1.17E-04	1.01E-05	1.78E-05	1.78E-05	8.33E-01	8.04E-02	1.90E+00	1.71E-01
1145 Gridded	1.52E-04	1.06E-05	3.26E-05	2.29E-06	1.77E-03	1.23E-04	1.85E-03	1.29E-04	2.13E-03	1.50E-04	4.17E-05	2.89E-06	7.06E-03	4.89E-04	8.30E-03	5.81E-04	1.19E-02	8.73E-04	1.79E-03	1.24E-04	3.30E-04	2.29E-05	9.56E-05	6.62E-06	2.26E-04	1.56E-05	2.62E-05	2.62E-05	5.29E-01	1.20E-01	1.40E+00	2.06E-01
1146 Gridded	5.92E-05	1.09E-05	1.24E-05	2.19E-06	7.54E-04	1.34E-04	7.55E-04	1.38E-04	8.17E-04	1.42E-04	1.81E-05	3.18E-06	3.01E-03	5.35E-04	3.22E-03	5.88E-04	5.59E-03	6.23E-04	7.54E-04	1.35E-04	1.43E-04	2.52E-05	4.14E-05	7.29E-06	9.79E-05	1.72E-05	2.07E-05	2.07E-05	8.12E-01	1.22E-01	1.67E+00	2.69E-01
1147 Gridded	8.42E-05	8.64E-06	1.76E-05	1.82E-06	1.01E-03	1.03E-04	1.04E-03	1.07E-04	1.15E-03	1.19E-04	2.38E-05	2.42E-06	4.01E-03	4.09E-04	4.58E-03	4.71E-04	6.41E-03	7.13E-04	1.02E-03	1.04E-04	1.88E-04	1.92E-05	5.45E-05	5.55E-06	1.29E-04	1.31E-05	1.94E-05	1.94E-05	9.70E-01	8.85E-02	2.05E+00	1.45E-01
1148 Gridded	1.08E-04	8.91E-06	2.46E-05	1.97E-06	1.19E-03	1.01E-04	1.27E-03	1.07E-04	1.63E-03	1.29E-04	2.77E-05	2.36E-06	4.72E-03	4.02E-04	5.97E-03	4.89E-04	1.19E-02	8.36E-04	1.21E-03	1.02E-04	2.19E-04	1.87E-05	6.34E-05	5.42E-06	1.50E-04	1.28E-05	2.37E-05	2.37E-05	8.41E-01	1.09E-01	1.70E+00	1.84E-01
1149 Gridded	6.58E-05	6.75E-06	1.53E-05	1.41E-06	7.20E-04	8.09E-05	7.61E-04	8.38E-05	1.01E-03	9.17E-05	1.69E-05	1.91E-06	2.86E-03	3.22E-04	3.64E-03	3.67E-04	8.02E-03	6.50E-04	7.28E-04	8.15E-05	1.33E-04	1.51E-05	3.86E-05	4.38E-06	9.13E-05	1.03E-05	1.72E-05	1.72E-05	7.71E-01	1.02E-01	1.29E+00	1.67E-01
1150 Gridded	9.73E-05	1.04E-05	2.08E-05	2.19E-06	1.14E-03	1.22E-04	1.19E-03	1.27E-04	1.36E-03	1.43E-04	2.67E-05	2.88E-06	4.53E-03	4.88E-04	5.31E-03	5.65E-04	9.36E-03	7.44E-04	1.15E-03	1.24E-04	2.12E-04	2.28E-05	6.13E-05	6.61E-06	1.45E-04	1.56E-05	2.38E-05	2.38E-05	5.40E-01	9.95E-02	1.24E+00	1.67E-01
1151 Gridded	8.18E-05	8.86E-06	1.79E-05	1.80E-06	9.35E-04	1.09E-04	9.84E-04	1.12E-04	1.18E-03	1.17E-04	2.19E-05	2.58E-06	3.72E-03	4.34E-04	4.48E-03	4.80E-04	7.31E-03	7.89E-04	9.46E-04	1.09E-04	1.73E-04	2.04E-05	5.02E-05	5.90E-06	1.19E-04	1.40E-05	1.98E-05	1.98E-05	7.19E-01	8.45E-02	1.31E+00	1.56E-01
1152 Gridded	6.74E-05	1.40E-05	1.40E-05	2.97E-06	8.09E-04	1.64E-04	8.37E-04	1.71E-04	9.13E-04	1.94E-04	1.91E-05	3.86E-06	3.22E-03	6.53E-04	3.66E-03	7.62E-04	5.17E-03	1.11E-03	8.15E-04	1.66E-04	1.51E-04	3.06E-05	4.38E-05	8.85E-06	1.03E-04	2.09E-05	3.30E-05	3.30E-05	4.75E-01	1.16E-01	8.57E-01	1.87E-01
1153 Gridded	7.24E-05	1.59E-05	1.54E-05	3.38E-06	8.50E-04	1.87E-04	8.87E-04	1.95E-04	1.01E-03	2.21E-04	2.00E-05	4.40E-06	3.39E-03	7.45E-04	3.95E-03	8.68E-04	7.01E-03	1.18E-03	8.58E-04	1.89E-04	1.58E-04	3.49E-05	4.59E-05	1.01E-05	1.08E-04	2.39E-05	3.72E-05	3.72E-05	5.04E-01	1.24E-01	8.67E-01	1.67E-01
1154 Gridded	9.53E-05	1.37E-05	1.97E-05	2.90E-06	1.15E-03	1.62E-04	1.19E-03	1.69E-04	1.28E-03	1.89E-04	2.72E-05	3.82E-06	4.59E-03	6.46E-04	5.17E-03	7.47E-04	6.42E-03	1.11E-03	1.16E-03	1.64E-04	2.16E-04	3.03E-05	6.24E-05	8.76E-06	1.48E-04	2.07E-05	3.13E-05	3.13E-05	4.78E-01	1.25E-01	9.03E-01	2.18E-01
1155 Gridded	8.76E-05	1.59E-05	1.85E-05	3.36E-06	1.04E-03	1.89E-04	1.08E-03	1.96E-04	1.20E-03	2.19E-04	2.45E-05	4.46E-06	4.14E-03	7.53E-04	4.77E-03	8.68E-04	6.04E-03	1.21E-03	1.05E-03	1.91E-04	1.94E-04	3.53E-05	5.62E-05	1.02E-05	1.33E-04	2.41E-05	3.61E-05	3.61E-05	5.19E-01	1.35E-01	7.93E-01	2.14E-01
1156 Gridded	5.68E-05	1.07E-05	1.21E-05	2.38E-06	6.70E-04	1.26E-04	6.98E-04	1.31E-04	7.88E-04	1.57E-04	1.58E-05	2.98E-06	2.67E-03	5.04E-04	3.10E-03	5.89E-04	4.19E-03	1.04E-03	6.76E-04	1.27E-04	1.25E-04	2.36E-05	3.62E-05	6.84E-06	8.55E-05	1.62E-05	2.90E-05	2.90E-05	5.15E-01	1.06E-01	7.49E-01	1.51E-01
1157 Gridded	3.80E-05	1.10E-05	8.19E-06	2.33E-06	4.85E-04	1.29E-04	4.89E-04	1.34E-04	5.36E-04	1.52E-04	1.16E-05	3.04E-06	1.94E-03	5.14E-04	2.08E-03	5.98E-04	3.36E-03	8.05E-04	4.86E-04	1.30E-04	9.19E-05	2.41E-05	2.66E-05	6.96E-06	6.29E-05	1.65E-05	2.55E-05	2.55E-05	3.88E-01	9.54E-02	6.92E-01	1.56E-01
1158 Gridded	3.81E-05	8.08E-06	8.48E-06	1.77E-06	4.29E-04	9.61E-05	4.54E-04	9.93E-05	5.58E-04	1.16E-04	1.00E-05	2.27E-06	1.70E-03	3.83E-04	2.09E-03	4.43E-04	3.92E-03	7.22E-04	4.34E-04	9.68E-05	7.92E-05	1.80E-05	2.29E-05	5.20E-06	5.42E-05	1.23E-05	2.09E-05	2.09E-05	4.24E-01	1.15E-01	6.33E-01	1.85E-01
1159 Gridded	3.42E-05	8.86E-06	7.85E-06	1.83E-06	3.72E-04	1.07E-04	3.98E-04	1.10E-04	5.19E-04	1.19E-04	8.68E-06	2.53E-06	1.48E-03	4.26E-04	1.89E-03	4.81E-04	3.93E-03	5.52E-04	3.78E-04	1.08E-04	6.87E-05	2.00E-05	1.99E-05	5.79E-06	4.70E-05	1.37E-05	1.87E-05	1.87E-05	3.85E-01	1.22E-01	7.04E-01	1.87E-01
1160 Gridded	3.83E-05	9.54E-06	7.72E-06	1.96E-06	4.74E-04	1.16E-04	4.86E-04	1.19E-04	4.99E-04	1.27E-04	1.13E-05	2.74E-06	1.89E-03	4.62E-04	2.07E-03	5.18E-04	3.50E-03	5.41E-04	4.77E-04	1.17E-04	8.91E-05	2.17E-05	2.58E-05	6.28E-06	6.09E-05	1.48E-05	1.96E-05	1.96E-05	3.70E-01	1.11E-01	6.07E-01	1.65E-01
1161 Gridded	3.60E-05	9.13E-06	8.30E-06	1.87E-06	4.17E-04	1.11E-04	4.30E-04	1.15E-04	5.50E-04	1.22E-04	9.86E-06	2.63E-06	1.66E-03	4.43E-04	1.99E-03	4.95E-04	4.22E-03	5.02E-04	4.20E-04	1.12E-04	7.81E-05	2.08E-05	2.26E-05	6.03E-06	5.34E-05	1.43E-05	1.85E-05	1.85E-05	4.20E-01	8.39E-02	7.73E-01	1.18E-01
1162 Gridded	4.00E-05	6.62E-06	9.12E-06	1.36E-06	4.38E-04	8.02E-05	4.68E-04	8.28E-05	6.03E-04	8.87E-05	1.02E-05	1.90E-06	1.74E-03	3.20E-04	2.21E-03	3.59E-04	4.45E-03	3.83E-04	4.45E-04	8.08E-05	8.07E-05	1.50E-05	2.34E-05	4.35E-06	5.52E-05	1.03E-05	1.37E-05	1.37E-05	3.29E-01	5.26E-02	6.05E-01	9.19E-02
1163 Gridded	3.94E-05	5.10E-06	8.81E-06	1.06E-06	4.41E-04	6.11E-05	4.68E-04	6.33E-05	5.81E-04	6.92E-05	1.03E-05	1.44E-06	1.75E-03	2.43E-04	2.17E-03	2.77E-04	3.96E-03	3.25E-04	4.47E-04	6.16E-05	8.15E-05	1.14E-05	2.36E-05	3.31E-06	5.57E-05	7.81E-06	1.11E-05	1.11E-05	2.42E-01	5.09E-02	4.21E-01	8.09E-02
1164 Gridded	3.41E-05	3.91E-06	7.48E-06	8.28E-07	3.90E-04	4.63E-05	4.10E-04	4.82E-05	4.91E-04	5.41E-05	9.13E-06	1.09E-06	1.55E-03	1.84E-04	1.87E-03	2.13E-04	3.06E-03	2.82E-04	3.94E-04	4.67E-05	7.23E-05	8.63E-06	2.09E-05	2.50E-06	4.94E-05	5.91E-06	8.96E-06	8.96E-06	2.11E-01	4.50E-02	3.38E-01	6.48E-02
1165 Gridded	2.68E-05	3.68E-06	5.79E-06	7.84E-07	3.11E-04	4.34E-05	3.26E-04	4.52E-05	3.79E-04	5.12E-05	7.30E-06	1.02E-06	1.24E-03	1.73E-04	1.47E-03	2.01E-04	2.19E-03	2.80E-04	3.14E-04	4.38E-05	5.78E-05	8.08E-06	1.67E-05	2.34E-06	3.96E-05	5.53E-06	8.61E-06	8.61E-06	2.16E-01	4.17E-02	3.13E-01	5.45E-02
1166 Gridded	2.21E-05	3.67E-06	4.87E-06	7.86E-07	2.52E-04	4.29E-05	2.66E-04	4.48E-05	3.20E-04	5.14E-05	5.90E-06	1.01E-06	1.00E-03	1.71E-04	1.21E-03	2.00E-04	2.02E-03	2.84E-04	2.55E-04	4.33E-05	4.67E-05	7.99E-06	1.35E-05	2.31E-06	3.20E-05	5.47E-06	8.78E-06	8.78E-06	2.06E-01	3.88E-02	3.85E-01	4.64E-02
1167 Gridded	2.34E-05	3.29E-06	5.16E-06	7.08E-07	2.66E-04	3.82E-05	2.80E-04	4.00E-05	3.39E-04	4.64E-05	6.21E-06	8.98E-07	1.06E-03	1.52E-04	1.28E-03	1.80E-04	2.18E-03	2.65E-04	2.69E-04	3.86E-05	4.92E-05	7.11E-06	1.42E-05	2.06E-06	3.37E-05	4.86E-06	8.04E-06	8.04E-06	2.88E-01	3.33E-02	5.98E-01	4.50E-02
1168 Gridded	2.56E-05	2.87E-06	5.28E-06	6.23E-07	3.15E-04	3.37E-05	3.24E-04	3.47E-05	3.47E-04	4.08E-05	7.48E-06	7.98E-07	1.26E-03	1.34E-04	1.39E-03	1.57E-04	2.28E-03	2.44E-04	3.17E-04	3.39E-05	5.92E-05	6.32E-06	1.71E-05	1.83E-06	4.05E-05	4.32E-06	7.21E-06	7.21E-06	4.08E-01	3.94E-02	7.72E-01	6.37E-02
1169 Gridded	3.81E-05	4.31E-06	7.69E-06	8.71E-07	4.70E-04	5.31E-05	4.82E-04	5.45E-05	4.98E-04	5.65E-05	1.11E-05	1.26E-06	1.87E-03	2.12E-04	2.06E-03	2.33E-04	2.29E-03	2.63E-04	4.73E-04	5.34E-05	8.82E-05	9.97E-06	2.55E-05	2.88E-06	6.04E-05	6.82E-06	8.28E-06	8.28E-06	4.80E-01	4.70E-02	9.69E-01	6.45E-02
1170 Gridded	7.09E-05	7.53E-06	1.36E-05	1.54E-06	9.13E-04	9.20E-05	9.24E-04	9.47E-05	8.71E-04	9.99E-05	2.18E-05	2.18E-06	3.65E-03	3.67E-04	3.81E-03	4.09E-04	3.89E-03	4.03E-04	9.16E-04	9.26E-05	1.73E-04	1.72E-05	5.00E-05	4.99E-06	1.18E-04	1.18E-05	1.51E-05	1.51E-05	4.75E-01	4.71E-02	8.74E-01	6.82E-02
1171 Gridded	7.22E-05	8.05E-06	1.35E-05	1.68E-06	9.56E-04	9.64E-05	9.58E-04	9.99E-05	8.83E-04	1.09E-04	2.29E-05	2.28E-06	3.82E-03	3.84E-04	3.86E-03	4.38E-04	4.51E-03	5.16E-04	9.57E-04	9.72E-05	1.81E-04	1.80E-05	5.25E-05	5.22E-06	1.24E-04	1.23E-05	1.75E-05	1.75E-05	3.43E-01	4.68E-02	5.76E-01	6.92E-02
1172 Gridded	5.72E-05	6.16E-06	1.16E-05	1.30E-06	7.04E-04	7.29E-05	7.23E-04	7.58E-05	7.51E-04	8.52E-05	1.67E-05	1.72E-06	2.81E-03	2.90E-04	3.10E-03	3.36E-04	3.69E-03	4.41E-04	7.08E-04	7.35E-05	1.32E-04	1.36E-05	3.83E-05	3.93E-06	9.04E-05	9.30E-06	1.42E-05	1.42E-05	2.41E-01	3.97E-02	5.25E-01	5.90E-02
1173 Gridded	4.72E-05	4.59E-06	9.73E-06	9.85E-07	5.72E-04	5.35E-05	5.90E-04	5.59E-05	6.32E-04	6.45E-05	1.35E-05	1.26E-06	2.28E-03	2.13E-04	2.56E-03	2.51E-04	3.18E-03	3.62E-04	5.76E-04	5.40E-05	1.07E-04	9.95E-06	3.10E-05	2.88E-06	7.33E-05	6.81E-06	1.11E-05	1.11E-05	2.21E-01	3.41E-02	4.72E-01	5.08E-02
1174 Gridded	3.71E-05	4.36E-06	7.57E-06	9.46E-07	4.53E-04	5.05E-05	4.66E-04	5.29E-05	4.91E-04	6.20E-05	1.07E-05	1.18E-06	1.81E-03	2.01E-04	2.01E-03	2.39E-04	2.57E-03	3.65E-04	4.56E-04	5.10E-05	8.49E-05	9.37E-06	2.46E-05	2.71E-06	5.81E-05	6.41E-06	1.09E-05	1.09E-05	3.72E-01	8.21E-02	9.49E-01	1.91E-01
1175 Gridded	3.54E-05	4.17E-06	7.29E-06	8.99E-07	4.28E-04	4.85E-05	4.42E-04	5.08E-05	4.74E-04	5.89E-05	1.01E-05	1.14E-06	1.71E-03	1.93E-04	1.92E-03	2.28E-04	2.50E-03	3.38E-04	4.31E-04	4.90E-05	8.01E-05	9.02E-06	2.32E-05	2.61E-06	5.48E-05	6.17E-06	1.02E-05	1.02E-05	3.81E-01	8.34E-02	9.68E-01	1.92E-01
1176 Gridded	3.48E-05	4.24E-06	7.23E-06	8.93E-07	4.17E-04	5.04E-05	4.32E-04	5.24E-05	4.71E-04	5.83E-05	9.86E-06	1.19E-06	1.66E-03	2.01E-04	1.89E-03	2.31E-04	2.58E-03	3.31E-04	4.21E-04	5.09E-05	7.81E-05	9.41E-06	2.26E-05	2.72E-06	5.34E-05	6.44E-06	9.99E-06	9.99E-06	3.97E-01	8.57E-02	1.00E+00	1.96E-01
1177 Gridded	3.26E-05	4.36E-06	6.87E-06	9.20E-07	3.88E-04	5.17E-05	4.03E-04	5.38E-05	4.48E-04	6.00E-05	9.14E-06	1.22E-06	1.54E-03	2.06E-04	1.78E-03	2.38E-04	2.99E-03	3.28E-04	3.91E-04	5.22E-05	7.24E-05	9.65E-06	2.10E-05	2.79E-06	4.95E-05	6.60E-06	9.88E-06	9.88E-06	3.98E-01	8.57E-02	1.01E+00	1.94E-01
1178 Gridded	2.64E-05	3.92E-06	5.61E-06	8.27E-07	3.10E-04	4.64E-05	3.23E-04	4.82E-05	3.67E-04	5.40E-05	7.29E-06	1.09E-06	1.23E-03	1.85E-04	1.44E-03	2.13E-04	2.81E-03	2.85E-04	3.13E-04	4.68E-05	5.77E-05	8.66E-06	1.67E-05	2.51E-06	3.95E-05	5.92E-06	8.91E-06	8.91E-06	3.65E-01	7.74E-02	9.25E-01	1.76E-01
1179 Gridded	2.28E-05	3.93E-06	4.96E-06	8.32E-07	2.70E-04	4.64E-05	2.76E-04	4.83E-05	3.25E-04	5.43E-05	6.46E-06	1.09E-06	1.08E-03	1.85E-04	1.25E-03	2.14E-04	2.24E-03	2.82E-04	2.71E-04	4.68E-05	5.11E-05	8.65E-06	1.48E-05	2.50E-06	3.50E-05	5.92E-06	9.03E-06	9.03E-06	3.55E-01	7.32E-02	8.69E-01	1.67E-01
1180 Gridded	2.21E-05	3.92E-06	4.76E-06	8.33E-07	2.73E-04	4.62E-05	2.80E-04	4.81E-05	3.16E-04	5.45E-05	6.48E-06	1.09E-06	1.09E-03	1.84E-04	1.20E-03	2.14E-04	2.47E-03	2.89E-04	2.75E-04	4.66E-05	5.13E-05	8.60E-06	1.49E-05	2.49E-06	3.51E-05	5.89E-06	9.14E-06	9.14E-06	3.35E-01	6.83E-02	7.98E-01	1.55E-01
1181 Gridded	2.21E-05	3.54E-06	5.23E-06	7.56E-07	2.71E-04	4.16E-05	2.79E-04	4.34E-05	3.50E-04	4.94E-05	6.42E-06	9.78E-07	1.08E-03	1.66E-04	1.20E-03	1.93E-04	3.18E-03	2.67E-04	2.73E-04	4.20E-05	5.09E-05	7.75E-06	1.47E-05	2.24E-06	3.48E-05	5.30E-06	8.36E-06	8.36E-06	3.61E-01	5.93E-02	7.56E-01	1.34E-01
1182 Gridded	2.39E-05	2.77E-06	5.03E-06	5.93E-07	2.84E-04	3.23E-05	2.95E-04	3.37E-05	3.28E-04	3.89E-05	6.70E-06	7.59E-07	1.13E-03	1.29E-04	1.30E-03	1.51E-04	3.40E-03	2.18E-04	2.87E-04	3.26E-05	5.30E-05	6.01E-06	1.54E-05	1.74E-06	3.63E-05	4.11E-06	6.66E-06	6.66E-06	3.27E-01	4.83E-02	6.54E-01	1.22E-01
1183 Gridded	2.38E-05	2.88E-06	4.94E-06	6.16E-07	2.92E-04	3.38E-05	3.00E-04	3.52E-05	3.28E-04	4.03E-05	6.91E-06	7.94E-07	1.16E-03	1.34E-04	1.29E-03	1.57E-04	3.01E-03	2.21E-04	2.93E-04	3.41E-05	5.47E-05	6.28E-06	1.58E-05	1.82E-06	3.74E-05	4.30E-06	6.86E-06	6.86E-06	2.88E-01	4.04E-02	6.01E-01	1.16E-01
1184 Gridded	2.24E-05	3.24E-06	4.97E-06	6.91E-07	2.81E-04	3.79E-05	2.87E-04	3.96E-05	3.31E-04	4.52E-05	6.69E-06	8.93E-07	1.12E-03	1.51E-04	1.21E-03	1.77E-04	2.97E-03	2.48E-04	2.83E-04	3.83E-05	5.30E-05	7.07E-06	1.53E-05	2.05E-06	3.63E-05	4.83E-06	7.67E-06	7.67E-06	3.09E-01	4.09E-02	6.63E-01	1.22E-01
1185 Gridded	2.15E-05	3.53E-06	5.02E-06	7.54E-07	2.54E-04	4.13E-05	2.58E-04	4.31E-05	3.33E-04	4.93E-05	6.06E-06	9.72E-07	1.02E-03	1.64E-04	1.19E-03	1.93E-04	2.82E-03	2.86E-04	2.55E-04	4.17E-05	4.80E-05	7.69E-06	1.39E-05	2.23E-06	3.28E-05	5.26E-06	8.39E-06	8.39E-06	3.00E-01	4.26E-02	6.54E-01	1.14E-01
1186 Gridded	2.28E-05	4.12E-06	5.12E-06	8.92E-07	2.68E-04	4.76E-05	2.79E-04	4.99E-05	3.38E-04	5.85E-05	6.31E-06	1.12E-06	1.07E-03	1.89E-04	1.24E-03	2.25E-04	2.59E-03	3.45E-04	2.71E-04	4.81E-05	5.00E-05	8.84E-06	1.45E-05	2.56E-06	3.42E-05	6.05E-06	1.03E-05	1.03E-05	3.45E-01	4.50E-02	9.07E-01	1.02E-01
1187 Gridded	2.66E-05	5.38E-06	5.65E-06	1.16E-06	3.13E-04	6.27E-05	3.26E-04	6.56E-05	3.69E-04	7.58E-05	7.38E-06	1.47E-06	1.25E-03	2.50E-04	1.45E-03	2.94E-04	2.44E-03	4.27E-04	3.16E-04	6.34E-05	5.84E-05	1.17E-05	1.69E-05	3.38E-06	4.00E-05	7.99E-06	1.31E-05	1.31E-05	4.66E-01	5.31E-02	1.17E+00	1.00E-01
1188 Gridded	2.99E-05	6.56E-06	6.34E-06	1.40E-06	3.53E-04	7.68E-05	3.68E-04	8.02E-05	4.14E-04	9.16E-05	8.32E-06	1.81E-06	1.41E-03	3.06E-04	1.63E-03	3.58E-04	2.43E-03	5.00E-04	3.57E-04	7.76E-05	6.59E-05	1.43E-05	1.91E-05	4.14E-06	4.51E-05	9.79E-06	1.56E-05	1.56E-05	6.23E-01	5.84E-02	1.35E+00	9.27E-02
1189 Gridded	3.32E-05	8.07E-06	7.24E-06	1.72E-06	3.94E-04	9.49E-05	4.10E-04	9.89E-05	4.76E-04	1.12E-04	9.30E-06	2.23E-06	1.57E-03	3.78E-04	1.82E-03	4.40E-04	2.92E-03	6.00E-04	3.98E-04	9.58E-05	7.36E-05	1.77E-05	2.13E-05	5.12E-06	5.04E-05	1.21E-05	1.89E-05	1.89E-05	7.44E-01	6.67E-02	1.65E+00	1.05E-01
1190 Gridded	4.15E-05	9.47E-06	9.04E-06	2.02E-06	4.77E-04	1.11E-04	5.01E-04	1.16E-04	5.94E-04	1.32E-04	1.12E-05	2.62E-06	1.90E-03	4.43E-04	2.27E-03	5.17E-04	3.59E-03	7.10E-04	4.83E-04	1.12E-04	8.86E-05	2.07E-05	2.56E-05	6.00E-06	6.06E-05	1.42E-05	2.23E-05	2.23E-05	6.71E-01	9.29E-02	1.78E+00	1.24E-01
1191 Gridded	5.89E-05	9.53E-06	1.09E-05	2.01E-06	7.85E-04	1.13E-04	7.85E-04	1.17E-04	7.13E-04	1.32E-04	1.88E-05	2.65E-06	3.14E-03	4.49E-04	3.14E-03	5.19E-04	4.49E-03	6.77E-04	7.85E-04	1.14E-04	1.49E-04	2.10E-05	4.32E-05	6.08E-06	1.02E-04	1.44E-05	2.18E-05	2.18E-05	8.52E-01	1.27E-01	1.95E+00	1.55E-01
1192 Gridded	6.54E-05	8.45E-06	1.23E-05	1.83E-06	8.68E-04	9.96E-05	8.69E-04	1.03E-04	8.06E-04	1.20E-04	2.08E-05	2.35E-06	3.47E-03	3.97E-04	3.49E-03	4.63E-04	5.11E-03	7.08E-04	8.68E-04	1.00E-04	1.65E-04	1.86E-05	4.77E-05	5.39E-06	1.13E-04	1.27E-05	2.11E-05	2.11E-05	4.23E-01	1.23E-01	1.13E+00	2.51E-01
1193 Gridded	5.64E-05	1.06E-05	1.25E-05	2.28E-06	7.20E-04	1.23E-04	7.20E-04	1.28E-04	8.23E-04	1.49E-04	1.73E-05	2.88E-06	2.88E-03	4.88E-04	3.10E-03	5.78E-04	5.38E-03	8.59E-04	7.20E-04	1.24E-04	1.37E-04	2.28E-05	3.96E-05	6.61E-06	9.35E-05	1.56E-05	2.59E-05	2.59E-05	3.80E-01	8.49E-02	1.26E+00	2.53E-01
1194 Gridded	4.84E-05	1.29E-05	1.07E-05	2.78E-06	5.47E-04	1.51E-04	5.78E-04	1.58E-04	7.07E-04	1.82E-04	1.28E-05	3.55E-06	2.17E-03	6.01E-04	2.66E-03	7.07E-04	5.98E-03	1.02E-03	5.54E-04	1.52E-04	1.01E-04	2.81E-05	2.93E-05	8.13E-06	6.92E-05	1.92E-05	3.13E-05	3.13E-05	4.59E-01	1.13E-01	1.28E+00	1.75E-01
1195 Gridded	4.34E-05	1.21E-05	9.09E-06	2.57E-06	5.18E-04	1.42E-04	5.37E-04	1.48E-04	5.92E-04	1.68E-04	1.22E-05	3.35E-06	2.06E-03	5.67E-04	2.36E-03	6.59E-04	3.96E-03	8.89E-04	5.22E-04	1.44E-04	9.67E-05	2.65E-05	2.80E-05	7.68E-06	6.62E-05	1.81E-05	2.82E-05	2.82E-05	5.24E-01	1.46E-01	1.34E+00	2.46E-01
1196 Gridded	4.37E-05	1.34E-05	9.07E-06	2.84E-06	5.27E-04	1.59E-04	5.45E-04	1.66E-04	5.94E-04	1.85E-04	1.25E-05	3.75E-06	2.10E-03	6.34E-04	2.37E-03	7.32E-04	3.36E-03	9.43E-04	5.31E-04	1.61E-04	9.87E-05	2.97E-05	2.86E-05	8.60E-06	6.75E-05	2.03E-05	3.06E-05	3.06E-05	1.34E+00	9.95E-02	1.29E+00	1.84E-01
1197 Gridded	9.57E-05	1.32E-05	2.08E-05	2.89E-06	1.10E-03	1.51E-04	1.16E-03	1.59E-04	1.37E-03	1.90E-04	2.59E-05	3.55E-06	4.39E-03	6.02E-04	5.24E-03	7.24E-04	8.55E-03	1.17E-03	1.12E-03	1.53E-04	2.05E-04	2.81E-05	5.93E-05	8.13E-06	1.40E-04	1.92E-05	3.40E-05	3.40E-05	7.74E-01	1.53E-01	2.97E+00	2.55E-01
1198 Gridded	9.98E-05	8.40E-06	2.11E-05	1.75E-06	1.18E-03	1.01E-04	1.23E-03	1.04E-04	1.38E-03	1.14E-04	2.78E-05	2.38E-06	4.70E-03	4.02E-04	5.44E-03	4.57E-04	7.51E-03	6.91E-04	1.19E-03	1.02E-04	2.20E-04	1.89E-05	6.37E-05	5.46E-06	1.51E-04	1.29E-05	1.83E-05	1.83E-05	1.08E+00	1.25E-01	1.93E+00	2.27E-01
1199 Gridded	1.40E-04	1.30E-05	3.15E-05	2.82E-06	1.56E-03	1.50E-04	1.66E-03	1.57E-04	2.08E-03	1.85E-04	3.64E-05	3.52E-06	6.20E-03	5.96E-04	7.72E-03	7.11E-04	1.45E-02	1.09E-03	1.58E-03	1.52E-04	2.88E-04	2.78E-05	8.34E-05	8.06E-06	1.97E-04	1.91E-05	3.25E-05	3.25E-05	1.29E+00	1.19E-01	2.94E+00	2.25E-01
1200 Gridded	9.49E-05	7.13E-06	2.05E-05	1.47E-06	1.10E-03	8.80E-05	1.15E-03	9.02E-05	1.34E-03	9.63E-05	2.58E-05	2.09E-06	4.37E-03	3.51E-04	5.19E-03	3.86E-04	8.46E-03	7.16E-04	1.11E-03	8.85E-05	2.04E-04	1.65E-05	5.92E-05	4.78E-06	1.40E-04	1.13E-05	1.84E-05	1.84E-05	1.05E+00	9.63E-02	1.81E+00	1.61E-01
1201 Gridded	1.03E-04	9.76E-06	2.32E-05	2.24E-06	1.14E-03	1.06E-04	1.21E-03	1.14E-04	1.53E-03	1.48E-04	2.65E-05	2.47E-06	4.52E-03	4.22E-04	5.66E-03	5.39E-04	1.09E-02	1.12E-03	1.15E-03	1.08E-04	2.10E-04	1.95E-05	6.08E-05	5.66E-06	1.44E-04	1.34E-05	2.93E-05	2.93E-05	6.94E-01	8.01E-02	1.33E+00	1.51E-01
1202 Gridded	8.50E-05	1.51E-05	1.75E-05	3.28E-06	1.03E-03	1.75E-04	1.06E-03	1.84E-04	1.14E-03	2.15E-04	2.43E-05	4.13E-06	4.10E-03	6.98E-04	4.62E-03	8.28E-04	6.84E-03	1.25E-03	1.04E-03	1.77E-04	1.93E-04	3.27E-05	5.58E-05	9.47E-06	1.32E-04	2.24E-05	3.75E-05	3.75E-05	6.09E-01	1.53E-01	1.16E+00	2.57E-01
1203 Gridded	1.08E-04	2.06E-05	2.33E-05	4.46E-06	1.26E-03	2.40E-04	1.31E-03	2.51E-04	1.52E-03	2.92E-04	2.95E-05	5.63E-06	5.00E-03	9.54E-04	5.91E-03	1.13E-03	8.69E-03	1.68E-03	1.27E-03	2.42E-04	2.34E-04	4.46E-05	6.76E-05	1.29E-05	1.60E-04	3.05E-05	5.07E-05	5.07E-05	7.28E-01	1.79E-01	1.47E+00	3.41E-01
1204 Gridded	1.30E-04	2.19E-05	2.73E-05	4.59E-06	1.55E-03	2.62E-04	1.61E-03	2.72E-04	1.78E-03	2.99E-04	3.66E-05	6.18E-06	6.17E-03	1.04E-03	7.08E-03	1.19E-03	8.67E-03	1.68E-03	1.56E-03	2.64E-04	2.89E-04	4.89E-05	8.38E-05	1.42E-05	1.98E-04	3.35E-05	5.05E-05	5.05E-05	6.46E-01	1.92E-01	1.14E+00	3.01E-01
1205 Gridded	1.00E-04	1.45E-05	2.14E-05	3.04E-06	1.18E-03	1.73E-04	1.23E-03	1.80E-04	1.40E-03	1.98E-04	2.77E-05	4.09E-06	4.68E-03	6.90E-04	5.47E-03	7.89E-04	7.56E-03	1.26E-03	1.19E-03	1.75E-04	2.19E-04	3.24E-05	6.34E-05	9.37E-06	1.50E-04	2.21E-05	3.43E-05	3.43E-05	6.72E-01	1.42E-01	1.00E+00	1.99E-01
1206 Gridded	5.44E-05	1.09E-05	1.17E-05	2.35E-06	6.34E-04	1.27E-04	6.63E-04	1.33E-04	7.66E-04	1.54E-04	1.49E-05	2.97E-06	2.52E-03	5.04E-04	2.97E-03	5.96E-04	5.47E-03	8.91E-04	6.40E-04	1.28E-04	1.18E-04	2.35E-05	3.41E-05	6.81E-06	8.07E-05	1.61E-05	2.68E-05	2.68E-05	5.03E-01	1.37E-01	8.02E-01	2.32E-01
1207 Gridded	4.63E-05	9.47E-06	1.03E-05	1.97E-06	5.20E-04	1.14E-04	5.51E-04	1.18E-04	6.81E-04	1.28E-04	1.21E-05	2.69E-06	2.07E-03	4.54E-04	2.55E-03	5.15E-04	5.07E-03	5.91E-04	5.27E-04	1.15E-04	9.61E-05	2.13E-05	2.78E-05	6.17E-06	6.57E-05	1.46E-05	2.03E-05	2.03E-05	3.42E-01	1.24E-01	7.06E-01	1.96E-01
1208 Gridded	4.41E-05	9.43E-06	9.73E-06	1.95E-06	5.01E-04	1.14E-04	5.28E-04	1.18E-04	6.40E-04	1.27E-04	1.17E-05	2.69E-06	1.99E-03	4.54E-04	2.42E-03	5.12E-04	4.44E-03	5.58E-04	5.07E-04	1.15E-04	9.28E-05	2.13E-05	2.69E-05	6.17E-06	6.35E-05	1.46E-05	1.98E-05	1.98E-05	3.76E-01	9.91E-02	8.30E-01	1.45E-01
1209 Gridded	4.38E-05	9.46E-06	9.75E-06	1.95E-06	4.92E-04	1.15E-04	5.21E-04	1.18E-04	6.42E-04	1.27E-04	1.15E-05	2.71E-06	1.96E-03	4.56E-04	2.41E-03	5.13E-04	4.30E-03	5.49E-04	4.99E-04	1.15E-04	9.10E-05	2.14E-05	2.64E-05	6.21E-06	6.23E-05	1.47E-05	1.96E-05	1.96E-05	4.65E-01	7.33E-02	9.21E-01	1.09E-01
1210 Gridded	4.42E-05	7.88E-06	1.00E-05	1.65E-06	4.88E-04	9.42E-05	5.20E-04	9.76E-05	6.60E-04	1.07E-04	1.14E-05	2.22E-06	1.94E-03	3.75E-04	2.43E-03	4.29E-04	4.73E-03	5.15E-04	4.95E-04	9.49E-05	9.00E-05	1.76E-05	2.61E-05	5.09E-06	6.16E-05	1.20E-05	1.73E-05	1.73E-05	4.17E-01	8.21E-02	7.44E-01	1.34E-01
1211 Gridded	4.78E-05	6.04E-06	1.07E-05	1.29E-06	5.33E-04	7.09E-05	5.66E-04	7.39E-05	7.07E-04	8.42E-05	1.24E-05	1.67E-06	2.12E-03	2.82E-04	2.63E-03	3.30E-04	4.89E-03	4.54E-04	5.40E-04	7.16E-05	9.84E-05	1.32E-05	2.85E-05	3.82E-06	6.73E-05	9.04E-06	1.42E-05	1.42E-05	3.75E-01	7.43E-02	7.49E-01	1.01E-01
1212 Gridded	4.69E-05	5.40E-06	1.04E-05	1.16E-06	5.32E-04	6.29E-05	5.62E-04	6.58E-05	6.81E-04	7.60E-05	1.25E-05	1.48E-06	2.12E-03	2.50E-04	2.57E-03	2.95E-04	4.38E-03	4.28E-04	5.39E-04	6.36E-05	9.86E-05	1.17E-05	2.85E-05	3.39E-06	6.75E-05	8.01E-06	1.31E-05	1.31E-05	3.05E-01	5.36E-02	5.17E-01	6.03E-02
1213 Gridded	4.22E-05	4.72E-06	9.11E-06	1.03E-06	4.90E-04	5.45E-05	5.13E-04	5.72E-05	5.97E-04	6.73E-05	1.15E-05	1.28E-06	1.95E-03	2.17E-04	2.31E-03	2.59E-04	3.44E-03	3.99E-04	4.95E-04	5.51E-05	9.10E-05	1.01E-05	2.64E-05	2.93E-06	6.23E-05	6.93E-06	1.19E-05	1.19E-05	2.41E-01	3.73E-02	5.09E-01	5.34E-02
1214 Gridded	3.31E-05	3.95E-06	6.99E-06	8.65E-07	3.91E-04	4.53E-05	4.07E-04	4.76E-05	4.56E-04	5.68E-05	9.21E-06	1.06E-06	1.56E-03	1.80E-04	1.80E-03	2.17E-04	2.64E-03	3.50E-04	3.95E-04	4.58E-05	7.29E-05	8.40E-06	2.11E-05	2.43E-06	4.99E-05	5.75E-06	1.02E-05	1.02E-05	2.39E-01	3.37E-02	4.54E-01	4.80E-02
1215 Gridded	2.80E-05	3.22E-06	6.22E-06	7.06E-07	3.17E-04	3.67E-05	3.35E-04	3.87E-05	4.09E-04	4.64E-05	7.40E-06	8.60E-07	1.26E-03	1.46E-04	1.54E-03	1.76E-04	2.70E-03	2.91E-04	3.21E-04	3.72E-05	5.86E-05	6.81E-06	1.70E-05	1.97E-06	4.01E-05	4.66E-06	8.38E-06	8.38E-06	2.17E-01	2.94E-02	4.29E-01	4.40E-02
1216 Gridded	2.74E-05	3.11E-06	6.09E-06	6.76E-07	3.08E-04	3.59E-05	3.26E-04	3.76E-05	4.01E-04	4.44E-05	7.20E-06	8.41E-07	1.22E-03	1.43E-04	1.50E-03	1.70E-04	2.68E-03	2.65E-04	3.12E-04	3.62E-05	5.70E-05	6.66E-06	1.65E-05	1.93E-06	3.90E-05	4.56E-06	7.84E-06	7.84E-06	2.80E-01	3.04E-02	4.94E-01	4.47E-02
1217 Gridded	2.66E-05	3.27E-06	5.92E-06	7.11E-07	2.99E-04	3.77E-05	3.16E-04	3.96E-05	3.90E-04	4.66E-05	6.97E-06	8.85E-07	1.19E-03	1.50E-04	1.46E-03	1.79E-04	2.62E-03	2.78E-04	3.03E-04	3.81E-05	5.52E-05	7.01E-06	1.60E-05	2.03E-06	3.78E-05	4.79E-06	8.23E-06	8.23E-06	3.67E-01	3.58E-02	6.05E-01	5.12E-02
1218 Gridded	2.79E-05	3.53E-06	5.65E-06	7.24E-07	3.43E-04	4.34E-05	3.52E-04	4.46E-05	3.72E-04	4.75E-05	8.14E-06	1.03E-06	1.37E-03	1.73E-04	1.51E-03	1.91E-04	2.53E-03	2.84E-04	3.45E-04	4.37E-05	6.44E-05	8.15E-06	1.87E-05	2.36E-06	4.41E-05	5.58E-06	8.39E-06	8.39E-06	4.06E-01	3.91E-02	7.66E-01	5.73E-02

Scenario 1 Results

1219	Gridded	5.40E-05	4.35E-06	1.07E-05	8.85E-07	6.78E-04	5.33E-05	6.91E-04	5.48E-05	6.88E-04	5.74E-05	1.61E-05	1.26E-06	2.70E-03	2.13E-04	2.91E-03	2.36E-04	2.40E-03	2.92E-04	6.81E-04	5.36E-05	1.28E-04	1.00E-05	3.69E-05	2.89E-06	8.73E-05	6.84E-06	8.78E-06	8.78E-06	5.31E-01	4.52E-02	1.06E+00	7.54E-02
1220	Gridded	6.18E-05	4.94E-06	1.19E-05	1.03E-06	7.93E-04	5.93E-05	8.03E-04	6.14E-05	7.62E-04	6.69E-05	1.89E-05	1.40E-06	3.17E-03	2.36E-04	3.32E-03	2.69E-04	2.49E-03	3.10E-04	7.95E-04	5.98E-05	1.50E-04	1.11E-05	4.34E-05	3.21E-06	1.03E-04	7.59E-06	1.06E-05	1.06E-05	4.66E-01	4.65E-02	8.25E-01	7.12E-02
1221	Gridded	7.12E-05	6.12E-06	1.53E-05	1.35E-06	8.35E-04	6.96E-05	8.69E-04	7.34E-05	1.00E-03	8.88E-05	2.00E-05	1.63E-06	3.34E-03	2.77E-04	3.89E-03	3.36E-04	5.59E-03	5.69E-04	8.40E-04	7.04E-05	1.58E-04	1.29E-05	4.59E-05	3.73E-06	1.08E-04	8.82E-06	1.62E-05	1.62E-05	3.55E-01	4.78E-02	6.27E-01	7.49E-02
1222	Gridded	4.53E-05	3.88E-06	9.66E-06	8.35E-07	5.45E-04	4.52E-05	5.63E-04	4.73E-05	6.35E-04	5.47E-05	1.29E-05	1.06E-06	2.17E-03	1.80E-04	2.46E-03	2.12E-04	4.03E-03	3.60E-04	5.49E-04	4.56E-05	1.02E-04	8.40E-06	2.95E-05	2.43E-06	6.97E-05	5.75E-06	9.65E-06	9.65E-06	2.54E-01	3.68E-02	4.36E-01	6.05E-02
1223	Gridded	3.56E-05	3.12E-06	7.19E-06	6.72E-07	4.38E-04	3.62E-05	4.49E-04	3.79E-05	4.66E-04	4.41E-05	1.04E-05	8.50E-07	1.75E-03	1.44E-04	1.92E-03	1.70E-04	2.48E-03	2.53E-04	4.41E-04	3.66E-05	8.22E-05	6.73E-06	2.38E-05	1.95E-06	5.63E-05	4.60E-06	7.66E-06	7.66E-06	2.03E-01	2.78E-02	3.60E-01	4.59E-02
1224	Gridded	3.62E-05	2.91E-06	7.19E-06	6.26E-07	4.54E-04	3.38E-05	4.63E-04	3.54E-05	4.64E-04	4.10E-05	1.08E-05	7.95E-07	1.81E-03	1.35E-04	1.96E-03	1.59E-04	2.61E-03	2.32E-04	4.56E-04	3.42E-05	8.53E-05	6.29E-06	2.47E-05	1.82E-06	5.84E-05	4.31E-06	7.08E-06	7.08E-06	2.33E-01	2.58E-02	4.98E-01	4.33E-02
1225	Gridded	2.75E-05	5.50E-06	5.82E-06	1.20E-06	3.26E-04	6.30E-05	3.39E-04	6.63E-05	3.80E-04	7.89E-05	7.69E-06	1.48E-06	1.30E-03	2.51E-04	1.50E-03	3.01E-04	2.31E-03	4.85E-04	3.29E-04	6.37E-05	6.09E-05	1.17E-05	1.76E-05	3.38E-06	4.16E-05	8.00E-06	1.41E-05	1.41E-05	3.09E-01	7.19E-02	7.44E-01	1.17E-01
1226	Gridded	2.90E-05	5.77E-06	6.16E-06	1.26E-06	3.42E-04	6.61E-05	3.56E-04	6.95E-05	4.02E-04	8.30E-05	8.06E-06	1.55E-06	1.36E-03	2.63E-04	1.58E-03	3.16E-04	2.51E-03	5.13E-04	3.45E-04	6.68E-05	6.38E-05	1.23E-05	1.85E-05	3.55E-06	4.36E-05	8.39E-06	1.49E-05	1.49E-05	3.36E-01	7.70E-02	7.99E-01	1.25E-01
1227	Gridded	2.68E-05	5.45E-06	5.70E-06	1.19E-06	3.19E-04	6.24E-05	3.28E-04	6.57E-05	3.73E-04	7.81E-05	7.57E-06	1.46E-06	1.27E-03	2.48E-04	1.46E-03	2.98E-04	2.42E-03	4.80E-04	3.21E-04	6.31E-05	6.00E-05	1.16E-05	1.74E-05	3.35E-06	4.10E-05	7.92E-06	1.40E-05	1.40E-05	3.50E-01	7.91E-02	7.98E-01	1.27E-01
1228	Gridded	2.77E-05	5.64E-06	5.92E-06	1.23E-06	3.41E-04	6.46E-05	3.49E-04	6.79E-05	3.87E-04	8.10E-05	8.07E-06	1.51E-06	1.36E-03	2.57E-04	1.51E-03	3.09E-04	2.53E-03	4.99E-04	3.43E-04	6.53E-05	6.39E-05	1.20E-05	1.85E-05	3.47E-06	4.37E-05	8.19E-06	1.45E-05	1.45E-05	3.85E-01	8.52E-02	8.54E-01	1.37E-01
1229	Gridded	2.56E-05	5.20E-06	5.28E-06	1.14E-06	3.15E-04	5.97E-05	3.23E-04	6.28E-05	3.46E-04	7.46E-05	7.46E-06	1.40E-06	1.26E-03	2.37E-04	1.39E-03	2.85E-04	2.27E-03	4.57E-04	3.17E-04	6.04E-05	5.91E-05	1.11E-05	1.71E-05	3.21E-06	4.04E-05	7.58E-06	1.33E-05	1.33E-05	4.02E-01	8.77E-02	8.48E-01	1.40E-01
1230	Gridded	2.83E-05	5.55E-06	5.77E-06	1.21E-06	3.49E-04	6.37E-05	3.55E-04	6.69E-05	3.75E-04	7.97E-05	8.33E-06	1.49E-06	1.40E-03	2.53E-04	1.53E-03	3.04E-04	2.36E-03	4.89E-04	3.50E-04	6.44E-05	6.59E-05	1.18E-05	1.91E-05	3.42E-06	4.51E-05	8.08E-06	1.43E-05	1.43E-05	4.61E-01	9.85E-02	9.44E-01	1.60E-01
1231	Gridded	2.63E-05	4.88E-06	5.10E-06	1.06E-06	3.36E-04	5.61E-05	3.40E-04	5.89E-05	3.31E-04	6.97E-05	8.01E-06	1.32E-06	1.34E-03	2.23E-04	1.41E-03	2.67E-04	2.04E-03	4.21E-04	3.37E-04	5.67E-05	6.34E-05	1.04E-05	1.83E-05	3.02E-06	4.34E-05	7.13E-06	1.24E-05	1.24E-05	4.90E-01	1.00E-01	9.09E-01	1.63E-01
1232	Gridded	2.21E-05	3.92E-06	4.26E-06	8.50E-07	2.83E-04	4.52E-05	2.86E-04	4.75E-05	2.73E-04	5.57E-05	6.75E-06	1.06E-06	1.13E-03	1.80E-04	1.19E-03	2.14E-04	3.24E-03	3.30E-04	2.84E-04	4.57E-05	5.34E-05	8.40E-06	1.55E-05	2.43E-06	3.65E-05	5.75E-06	9.80E-06	9.80E-06	4.87E-01	9.36E-02	8.06E-01	1.51E-01
1233	Gridded	1.83E-05	3.25E-06	3.97E-06	7.03E-07	2.30E-04	3.81E-05	2.33E-04	3.97E-05	2.61E-04	4.61E-05	5.50E-06	8.97E-07	9.20E-04	1.52E-04	1.00E-03	1.78E-04	4.06E-03	2.72E-04	2.31E-04	3.85E-05	4.35E-05	7.10E-06	1.26E-05	2.06E-06	2.98E-05	4.86E-06	8.06E-06	8.06E-06	4.60E-01	8.43E-02	8.16E-01	1.36E-01
1234	Gridded	1.93E-05	3.05E-06	4.17E-06	6.51E-07	2.25E-04	3.57E-05	2.36E-04	3.72E-05	2.73E-04	4.26E-05	5.29E-06	8.39E-07	8.96E-04	1.42E-04	1.06E-03	1.66E-04	3.04E-03	2.43E-04	2.27E-04	3.60E-05	4.19E-05	6.64E-06	1.21E-05	1.92E-06	2.86E-05	4.55E-06	7.24E-06	7.24E-06	3.87E-01	6.83E-02	7.60E-01	1.10E-01
1235	Gridded	2.09E-05	3.16E-06	4.49E-06	6.77E-07	2.44E-04	3.69E-05	2.55E-04	3.86E-05	2.94E-04	4.43E-05	5.72E-06	8.68E-07	9.69E-04	1.47E-04	1.14E-03	1.73E-04	2.01E-03	2.46E-04	2.46E-04	3.73E-05	4.53E-05	6.87E-06	1.31E-05	1.99E-06	3.10E-05	4.70E-06	7.58E-06	7.58E-06	3.56E-01	6.31E-02	7.21E-01	1.04E-01
1236	Gridded	2.23E-05	3.25E-06	4.79E-06	6.99E-07	2.61E-04	3.79E-05	2.73E-04	3.96E-05	3.13E-04	4.58E-05	6.13E-06	8.91E-07	1.04E-03	1.51E-04	1.22E-03	1.78E-04	2.07E-03	2.58E-04	2.63E-04	3.83E-05	4.86E-05	7.05E-06	1.41E-05	2.04E-06	3.32E-05	4.83E-06	7.89E-06	7.89E-06	3.06E-01	5.68E-02	6.44E-01	9.56E-02
1237	Gridded	2.41E-05	3.48E-06	5.16E-06	7.49E-07	2.82E-04	4.04E-05	2.95E-04	4.23E-05	3.38E-04	4.90E-05	6.64E-06	9.50E-07	1.12E-03	1.61E-04	1.32E-03	1.90E-04	1.95E-03	2.79E-04	2.85E-04	4.09E-05	5.25E-05	7.52E-06	1.52E-05	2.18E-06	3.60E-05	5.15E-06	8.49E-06	8.49E-06	2.99E-01	5.75E-02	6.76E-01	9.98E-02
1238	Gridded	2.62E-05	3.81E-06	5.60E-06	8.22E-07	3.07E-04	4.43E-05	3.21E-04	4.64E-05	3.67E-04	5.39E-05	7.23E-06	1.04E-06	1.22E-03	1.76E-04	1.43E-03	2.09E-04	2.00E-03	3.13E-04	3.10E-04	4.48E-05	5.72E-05	8.24E-06	1.66E-05	2.39E-06	3.91E-05	5.64E-06	9.34E-06	9.34E-06	3.34E-01	6.44E-02	7.90E-01	1.17E-01
1239	Gridded	2.75E-05	4.21E-06	5.87E-06	9.14E-07	3.22E-04	4.86E-05	3.36E-04	5.10E-05	3.84E-04	5.99E-05	7.58E-06	1.14E-06	1.28E-03	1.93E-04	1.50E-03	2.30E-04	2.10E-03	3.56E-04	3.25E-04	4.91E-05	6.00E-05	9.02E-06	1.74E-05	2.61E-06	4.10E-05	6.17E-06	1.06E-05	1.06E-05	3.26E-01	6.37E-02	8.67E-01	1.22E-01
1240	Gridded	3.15E-05	5.04E-06	6.72E-06	1.09E-06	3.70E-04	5.83E-05	3.86E-04	6.11E-05	4.39E-04	7.16E-05	8.70E-06	1.37E-06	1.47E-03	2.32E-04	1.72E-03	2.76E-04	2.38E-03	4.21E-04	3.73E-04	5.89E-05	6.88E-05	1.08E-05	1.99E-05	3.13E-06	4.71E-05	7.41E-06	1.26E-05	1.26E-05	3.49E-01	6.76E-02	1.08E+00	1.41E-01
1241	Gridded	3.55E-05	5.77E-06	7.47E-06	1.25E-06	4.21E-04	6.68E-05	4.37E-04	7.00E-05	4.88E-04	8.20E-05	9.92E-06	1.57E-06	1.68E-03	2.66E-04	1.93E-03	3.16E-04	2.49E-03	4.81E-04	4.24E-04	6.75E-05	7.85E-05	1.24E-05	2.27E-05	3.59E-06	5.37E-05	8.49E-06	1.44E-05	1.44E-05	5.20E-01	7.17E-02	1.11E+00	1.39E-01
1242	Gridded	4.24E-05	6.37E-06	8.76E-06	1.38E-06	5.11E-04	7.47E-05	5.28E-04	7.78E-05	5.70E-04	9.06E-05	1.21E-05	1.76E-06	2.04E-03	2.98E-04	2.30E-03	3.49E-04	3.04E-03	5.36E-04	5.15E-04	7.54E-05	9.57E-05	1.39E-05	2.77E-05	4.03E-06	6.55E-05	9.53E-06	1.59E-05	1.59E-05	1.29E+00	7.40E-02	2.35E+00	1.24E-01
1243	Gridded	4.90E-05	8.45E-06	1.04E-05	1.77E-06	5.94E-04	1.01E-04	6.13E-04	1.04E-04	6.85E-04	1.16E-04	1.41E-05	2.37E-06	2.37E-03	4.01E-04	2.66E-03	4.60E-04	4.48E-03	5.98E-04	5.98E-04	1.02E-04	1.11E-04	1.88E-05	3.22E-05	5.44E-06	7.61E-05	1.29E-05	1.88E-05	1.88E-05	1.14E+00	7.65E-02	3.17E+00	2.29E-01
1244	Gridded	6.52E-05	9.35E-06	1.44E-05	1.95E-06	7.41E-04	1.12E-04	7.81E-04	1.16E-04	9.47E-04	1.27E-04	1.73E-05	2.65E-06	2.94E-03	4.47E-04	3.58E-03	5.09E-04	6.09E-03	6.09E-04	7.50E-04	1.13E-04	1.37E-04	2.10E-05	3.97E-05	6.07E-06	9.38E-05	1.44E-05	2.02E-05	2.02E-05	7.94E-01	9.04E-02	3.22E+00	1.38E-01
1245	Gridded	7.27E-05	1.11E-05	1.61E-05	2.28E-06	8.25E-04	1.34E-04	8.71E-04	1.38E-04	1.06E-03	1.48E-04	1.93E-05	3.17E-06	3.28E-03	5.34E-04	3.99E-03	6.01E-04	6.80E-03	7.60E-04	8.35E-04	1.35E-04	1.53E-04	2.51E-05	4.42E-05	7.26E-06	1.05E-04	1.72E-05	2.31E-05	2.31E-05	4.63E-01	1.22E-01	1.37E+00	1.43E-01
1246	Gridded	6.09E-05	1.54E-05	1.27E-05	3.13E-06	7.62E-04	1.89E-04	7.78E-04	1.94E-04	8.35E-04	2.03E-04	1.81E-05	4.48E-06	3.04E-03	7.55E-04	3.29E-03	8.36E-04	5.35E-03	9.25E-04	7.65E-04	1.90E-04	1.43E-04	3.55E-05	4.15E-05	1.03E-05	9.81E-05	2.43E-05	3.02E-05	3.02E-05	5.01E-01	1.38E-01	1.53E+00	1.77E-01
1247	Gridded	4.81E-05	1.63E-05	1.00E-05	3.46E-06	5.77E-04	1.92E-04	5.97E-04	2.00E-04	6.52E-04	2.26E-04	1.36E-05	4.51E-06	2.30E-03	7.64E-04	2.62E-03	8.88E-04	3.21E-03	1.20E-03	5.82E-04	1.94E-04	1.08E-04	3.57E-05	3.12E-05	1.03E-05	7.38E-05	2.45E-05	3.79E-05	3.79E-05	6.92E-01	1.63E-01	2.27E+00	1.90E-01
1248	Gridded	6.84E-05	1.85E-05	1.38E-05	3.80E-06	8.44E-04	2.26E-04	8.65E-04	2.33E-04	8.93E-04	2.47E-04	2.00E-05	5.34E-06	3.36E-03	9.00E-04	3.70E-03	1.01E-03	3.34E-03	1.04E-03	8.48E-04	2.27E-04	1.58E-04	4.23E-05	4.59E-05	1.22E-05	1.08E-04	2.90E-05	3.76E-05	3.76E-05	8.33E-01	2.00E-01	3.07E+00	2.44E-01
1249	Gridded	1.33E-04	1.66E-05	2.86E-05	3.55E-06	1.56E-03	1.94E-04	1.63E-03	2.03E-04	1.88E-03	2.32E-04	3.67E-05	4.57E-06	6.21E-03	7.74E-04	7.26E-03	9.06E-04	1.18E-02	1.27E-03	1.57E-03	1.96E-04	2.91E-04	3.62E-05	8.41E-05	1.05E-05	1.99E-04	2.48E-05	3.94E-05	3.94E-05	9.79E-01	2.16E-01	1.89E+00	3.54E-01
1250	Gridded	1.05E-04	1.90E-05	2.23E-05	3.89E-06	1.23E-03	2.32E-04	1.28E-03	2.39E-04	1.46E-03	2.52E-04	2.88E-05	5.49E-06	4.88E-03	9.24E-04	5.71E-03	1.03E-03	7.95E-03	1.03E-03	1.24E-03	2.33E-04	2.28E-04	4.34E-05	6.61E-05	1.26E-05	1.56E-04	2.97E-05	3.83E-05	3.83E-05	1.24E+00	1.91E-01	1.92E+00	2.19E-01
1251	Gridded	1.21E-04	1.52E-05	2.64E-05	3.12E-06	1.40E-03	1.85E-04	1.47E-03	1.90E-04	1.73E-03	2.03E-04	3.28E-05	4.37E-06	5.56E-03	7.36E-04	6.65E-03	8.24E-04	1.04E-02	8.52E-04	1.41E-03	1.86E-04	2.60E-04	3.46E-05	7.51E-05	1.00E-05	1.78E-04	2.37E-05	3.11E-05	3.11E-05	1.61E+00	1.82E-01	4.82E+00	3.30E-01
1252	Gridded	1.01E-04	2.29E-05	1.86E-05	4.40E-06	1.33E-03	2.95E-04	1.34E-03	2.98E-04	1.19E-03	2.82E-04	3.20E-05	7.04E-06	5.34E-03	1.18E-03	5.39E-03	1.23E-03	8.16E-03	1.20E-03	1.34E-03	2.96E-04	2.53E-04	5.57E-05	7.33E-05	1.61E-05	1.73E-04	3.81E-05	4.07E-05	4.07E-05	8.66E-01	1.97E-01	2.12E+00	3.88E-01
1253	Gridded	1.90E-04	3.70E-05	4.05E-05	7.53E-06	2.23E-03	4.54E-04	2.33E-03	4.66E-04	2.65E-03	4.88E-04	5.25E-05	1.07E-05	8.88E-03	1.81E-03	1.04E-02	2.01E-03	1.42E-02	1.90E-03	2.25E-03	4.56E-04	4.16E-04	8.51E-05	1.20E-04	2.46E-05	2.84E-04	5.82E-05	7.28E-05	7.28E-05	1.14E+00	3.12E-01	2.09E+00	3.85E-01
1254	Gridded	1.73E-04	1.89E-05	3.67E-05	3.98E-06	2.05E-03	2.28E-04	2.14E-03	2.36E-04	2.39E-03	2.61E-04	4.84E-05	5.38E-06	8.18E-03	9.08E-04	9.46E-03	1.03E-03	1.23E-02	1.84E-03	2.07E-03	2.30E-04	3.83E-04	4.26E-05	1.11E-04	1.23E-05	2.62E-04	2.92E-05	4.57E-05	4.57E-05	1.06E+00	2.30E-01	1.69E+00	4.02E-01
1255	Gridded	8.88E-05	1.94E-05	1.92E-05	3.97E-06	1.03E-03	2.37E-04	1.08E-03	2.44E-04	1.26E-03	2.58E-04	2.41E-05	5.62E-06	4.09E-03	9.46E-04	4.86E-03	1.05E-03	9.92E-03	1.25E-03	1.04E-03	2.39E-04	1.91E-04	4.45E-05	5.53E-05	1.29E-05	1.31E-04	3.04E-05	3.88E-05	3.88E-05	6.88E-01	2.40E-01	1.37E+00	3.24E-01
1256	Gridded	6.82E-05	1.54E-05	1.48E-05	3.17E-06	7.88E-04	1.86E-04	8.27E-04	1.92E-04	9.71E-04	2.06E-04	1.85E-05	4.39E-06	3.14E-03	7.40E-04	3.74E-03	8.34E-04	6.98E-03	9.04E-04	7.97E-04	1.87E-04	1.46E-04	3.48E-05	4.24E-05	1.01E-05	1.00E-04	2.38E-05	3.21E-05	3.21E-05	7.28E-01	1.37E-01	1.28E+00	1.61E-01
1257	Gridded	6.90E-05	1.08E-05	1.53E-05	2.23E-06	7.81E-04	1.32E-04	8.25E-04	1.36E-04	1.01E-03	1.45E-04	1.83E-05	3.11E-06	3.11E-03	5.24E-04	3.79E-03	5.89E-04	6.57E-03	6.49E-04	7.91E-04	1.32E-04	1.45E-04	2.46E-05	4.19E-05	7.13E-06	9.89E-05	1.69E-05	2.24E-05	2.24E-05	4.50E-01	8.16E-02	1.37E+00	1.20E-01
1258	Gridded	5.95E-05	8.93E-06	1.34E-05	1.87E-06	6.64E-04	1.07E-04	7.05E-04	1.11E-04	8.81E-04	1.22E-04	1.55E-05	2.52E-06	2.64E-03	4.25E-04	3.28E-03	4.86E-04	6.10E-03	5.88E-04	6.73E-04	1.08E-04	1.23E-04	1.99E-05	3.55E-05	5.77E-06	8.39E-05	1.36E-05	1.97E-05	1.97E-05	5.51E-01	6.00E-02	1.26E+00	8.04E-02
1259	Gridded	4.76E-05	7.66E-06	1.08E-05	1.64E-06	5.30E-04	8.99E-05	5.62E-04	9.38E-05	7.11E-04	1.07E-04	1.24E-05	2.11E-06	2.11E-03	3.58E-04	2.62E-03	4.18E-04	5.07E-03	5.82E-04	5.37E-04	9.07E-05	9.81E-05	1.67E-05	2.84E-05	4.84E-06	6.71E-05	1.15E-05	1.81E-05	1.81E-05	5.60E-01	4.77E-02	1.01E+00	6.71E-02
1260	Gridded	4.91E-05	6.31E-06	1.09E-05	1.37E-06	5.55E-04	7.29E-05	5.87E-04	7.65E-05	7.14E-04	8.99E-05	1.30E-05	1.71E-06	2.21E-03	2.90E-04	2.69E-03	3.46E-04	4.65E-03	5.34E-04	5.62E-04	7.37E-05	1.03E-04	1.35E-05	2.98E-05	3.92E-06	7.03E-05	9.26E-06	1.58E-05	1.58E-05	4.48E-01	4.90E-02	6.74E-01	6.59E-02
1261	Gridded	4.50E-05	4.85E-06	9.84E-06	1.07E-06	5.17E-04	5.51E-05	5.43E-04	5.81E-05	6.46E-04	7.02E-05	1.21E-05	1.29E-06	2.06E-03	2.19E-04	2.47E-03	2.66E-04	3.95E-03	4.48E-04	5.23E-04	5.58E-05	9.59E-05	1.02E-05	2.77E-05	2.96E-06	6.56E-05	6.99E-06	1.28E-05	1.28E-05	3.70E-01	4.73E-02	6.68E-01	6.59E-02
1262	Gridded	3.75E-05	4.79E-06	8.22E-06	1.03E-06	4.38E-04	5.56E-05	4.58E-04	5.82E-05	5.42E-04	6.76E-05	1.03E-05	1.31E-06	1.74E-03	2.21E-04	2.05E-03	2.62E-04	3.60E-03	3.88E-04	4.42E-04	5.62E-05	8.15E-05	1.03E-05	2.36E-05	2.99E-06	5.58E-05	7.08E-06	1.17E-05	1.17E-05	4.10E-01	5.10E-02	9.13E-01	6.94E-02
1263	Gridded	3.51E-05	4.83E-06	7.64E-06	1.04E-06	4.28E-04	5.61E-05	4.41E-04	5.88E-05	5.03E-04	6.83E-05	1.01E-05	1.32E-06	1.71E-03	2.23E-04	1.90E-03	2.64E-04	3.39E-03	3.93E-04	4.31E-04	5.67E-05	8.03E-05	1.04E-05	2.33E-05	3.02E-06	5.50E-05	7.14E-06	1.19E-05	1.19E-05	5.54E-01	5.26E-02	9.75E-01	7.51E-02
1264	Gridded	3.59E-05	4.58E-06	7.45E-06	9.89E-07	4.31E-04	5.47E-05	4.46E-04	5.63E-05	4.85E-04	6.48E-05	1.02E-05	1.29E-06	1.72E-03	2.18E-04	1.95E-03	2.51E-04	3.13E-03	3.74E-04	4.35E-04	5.50E-05	8.07E-05	1.02E-05	2.34E-05	2.97E-06	5.52E-05	7.01E-06	1.13E-05	1.13E-05	5.46E-01	4.87E-02	7.58E-01	6.67E-02
1265	Gridded	3.97E-05	4.73E-06	8.07E-06	9.81E-07	4.86E-04	5.71E-05	5.00E-04	5.90E-05	5.23E-04	6.38E-05	1.15E-05	1.35E-06	1.94E-03	2.27E-04	2.15E-03	2.57E-04	2.84E-03	3.59E-04	4.89E-04	5.75E-05	9.12E-05	1.07E-05	2.64E-05	3.09E-06	6.24E-05	7.30E-06	1.09E-05	1.09E-05	4.79E-01	4.64E-02	5.39E-01	6.52E-02
1266	Gridded	2.85E-05	3.71E-06	6.29E-06	8.04E-07	3.28E-04	4.28E-05	3.41E-04	4.49E-05	4.14E-04	5.28E-05	7.77E-06	1.00E-06	1.31E-03	1.70E-04	1.56E-03	2.03E-04	2.68E-03	3.13E-04	3.30E-04	4.32E-05	6.15E-05	7.94E-06	1.78E-05	2.30E-06	4.21E-05	5.44E-06	9.30E-06	9.30E-06	2.64E-01	3.38E-02	4.28E-01	4.95E-02
1267	Gridded	2.90E-05	3.41E-06	6.39E-06	7.42E-07	3.29E-04	3.92E-05	3.47E-04	4.11E-05	4.20E-04	4.87E-05	7.70E-06	9.18E-07	1.31E-03	1.56E-04	1.59E-03	1.87E-04	2.70E-03	2.94E-04	3.33E-04	3.96E-05	6.09E-05	7.27E-06	1.76E-05	2.10E-06	4.17E-05	4.98E-06	8.64E-06	8.64E-06	2.80E-01	3.25E-02	4.97E-01	5.11E-02
1268	Gridded	3.99E-05	3.70E-06	7.83E-06	7.78E-07	5.03E-04	4.41E-05	5.12E-04	4.58E-05	5.05E-04	5.07E-05	1.20E-05	1.04E-06	2.01E-03	1.76E-04	2.15E-03	2.02E-04	2.81E-03	2.94E-04	5.05E-04	4.45E-05	9.47E-05	8.23E-06	2.74E-05	2.38E-06	6.48E-05	5.63E-06	8.67E-06	8.67E-06	3.66E-01	3.90E-02	6.87E-01	6.21E-02
1269	Gridded	5.22E-05	4.32E-06	1.02E-05	8.94E-07	6.63E-04	5.20E-05	6.73E-04	5.38E-05	6.54E-04	5.82E-05	1.58E-05	1.23E-06	2.65E-03	2.07E-04	2.81E-03	2.34E-04	2.93E-03	2.94E-04	6.65E-04	5.24E-05	1.25E-04	9.73E-06	3.62E-05	2.82E-06	8.56E-05	6.66E-06	9.13E-06	9.13E-06	4.37E-01	4.52E-02	8.49E-01	7.20E-02
1270	Gridded	4.22E-05	3.98E-06	8.07E-06	8.22E-07	5.43E-04	4.80E-05	5.49E-04	4.96E-05	5.17E-04	5.34E-05	1.30E-05	1.14E-06	2.17E-03	1.91E-04	2.26E-03	2.16E-04	2.92E-03	2.95E-04	5.44E-04	4.84E-05	1.03E-04	8.99E-06	2.97E-05	2.60E-06	7.02E-05	6.15E-06	8.78E-06	8.78E-06	4.09E-01	4.62E-02	6.97E-01	6.83E-02
1271	Gridded	2.95E-05	3.84E-06	6.21E-06	8.27E-07	3.75E-04	4.46E-05	3.81E-04	4.67E-05	4.09E-04	5.42E-05	8.93E-06	1.05E-06	1.50E-03	1.77E-04	1.59E-03	2.10E-04	2.72E-03	3.10E-04	3.76E-04	4.50E-05	7.07E-05	8.29E-06	2.05E-05	2.40E-06	4.84E-05	5.67E-06	9.40E-06	9.40E-06	3.14E-01	4.25E-02	5.62E-01	5.61E-02
1272	Gridded	5.42E-05	5.23E-06	1.05E-05	1.12E-06	6.92E-04	6.12E-05	7.01E-04	6.39E-05	6.73E-04	7.33E-05	1.65E-05	1.44E-06	2.76E-03	2.44E-04	2.91E-03	2.86E-04	4.07E-03	4.04E-04	6.94E-04	6.18E-05	1.31E-04	1.14E-05	3.78E-05	3.30E-06	8.93E-05	7.79E-06	1.25E-05	1.25E-05	4.20E-01	4.42E-02	9.00E-01	7.53E-02
1273	Gridded	4.73E-05	4.27E-06	8.84E-06	9.17E-07	6.21E-04	4.98E-05	6.24E-04	5.21E-05	5.64E-04	6.00E-05	1.49E-05	1.17E-06	2.48E-03	1.98E-04	2.53E-03	2.33E-04	3.40E-03	3.36E-04	6.21E-04	5.03E-05	1.18E-04	9.27E-06	3.41E-05	2.68E-06	8.05E-05	6.34E-06	1.03E-05	1.03E-05	4.73E-01	3.58E-02	9.70E-01	6.02E-02
1274	Gridded	3.65E-05	3.12E-06	6.70E-06	6.73E-07	4.84E-04	3.61E-05	4.85E-04	3.78E-05	4.26E-04	4.41E-05	1.16E-05	8.49E-07	1.94E-03	1.44E-04	1.95E-03	1.70E-04	2.24E-03	2.55E-04	4.84E-04	3.65E-05	9.19E-05	6.72E-06	2.66E-05	1.94E-06	6.29E-05	4.60E-06	7.67E-06	7.67E-06	4.59E-01	2.62E-02	8.91E-01	4.25E-02
1275	Gridded	5.29E-05	4.65E-06	9.67E-06	9.19E-07	7.04E-04	5.83E-05	7.05E-04	5.95E-05	6.15E-04	5.93E-05	1.69E-05	1.39E-06	2.82E-03	2.33E-04	2.82E-03	2.51E-04	3.24E-03	3.27E-04	7.04E-04	5.86E-05	1.34E-04	1.10E-05	3.87E-05	3.18E-06	9.16E-05	7.51E-06	9.90E-06	9.90E-06	6.14E-01	3.20E-02	1.19E+00	5.31E-02
1276	Gridded	2.89E-05	5.72E-06	6.16E-06	1.23E-06	3.48E-04	6.69E-05	3.54E-04	6.99E-05	4.03E-04	8.03E-05	8.29E-06	1.57E-06	1.39E-03	2.66E-04	1.58E-03	3.13E-04	2.18E-03	4.45E-04	3.50E-04	6.76E-05	6.56E-05	1.25E-05	1.90E-05	3.61E-06	4.49E-05	8.52E-06	1.37E-05	1.37E-05	2.81E-01	5.32E-02	6.90E-01	1.19E-01
1277	Gridded	3.01E-05	5.85E-06	5.92E-06	1.25E-06	3.81E-04	6.85E-05	3.87E-04	7.15E-05	3.81E-04	8.20E-05	9.06E-06	1.61E-06	1.52E-03	2.72E-04	1.62E-03	3.20E-04	2.14E-03	4.53E-04	3.82E-04	6.91E-05	7.17E-05	1.27E-05	2.08E-05	3.69E-06	4.91E-05	8.72E-06	1.40E-05	1.40E-05	3.02E-01	5.59E-02	7.30E-01	1.25E-01
1278	Gridded	3.17E-05	5.74E-06	6.23E-06	1.23E-06	3.99E-04	6.72E-05	4.07E-04	7.01E-05	4.02E-04	8.03E-05	9.50E-06	1.58E-06	1.59E-03	2.67E-04	1.71E-03	3.13E-04	2.04E-03	4.41E-04	4.01E-04	6.78E-05	7.52E-05	1.25E-05	2.18E-05	3.62E-06	5.15E-05	8.56E-06	1.37E-05	1.37E-05	3.20E-01	5.74E-02	7.45E-01	1.27E-01
1279	Gridded	3.80E-05	6.68E-06	7.50E-06	1.43E-06	4.77E-04	7.81E-05	4.86E-04	8.16E-05	4.83E-04	9.36E-05	1.13E-05	1.84E-06	1.90E-03	3.11E-04	2.05E-03	3.65E-04	2.47E-03	5.17E-04	4.79E-04	7.89E-05	8.98E-05	1.45E-05	2.60E-05	4.21E-06	6.14E-05	9.95E-06	1.60E-05	1.60E-05	3.80E-01	6.57E-02	8.47E-01	1.44E-01
1280	Gridded	4.47E-05	7.68E-06	8.87E-06	1.65E-06	5.59E-04	8.97E-05	5.71E-04	9.38E-05	5.72E-04	1.08E-04	1.33E-05	2.11E-06	2.23E-03	3.57E-04	2.41E-03	4.20E-04	2.94E-03	5.99E-04	5.62E-04	9.06E-05	1.05E-04	1.67E-05	3.05E-05	4.83E-06	7.20E-05	1.14E-05	1.85E-05	1.85E-05	4.40E-01	7.44E-02	9.52E-01	1.61E-01
1281	Gridded	4.81E-05	7.92E-06	9.58E-06	1.70E-06	5.99E-04	9.26E-05	6.12E-04	9.67E-05	6.19E-04	1.11E-04	1.42E-05	2.18E-06	2.39E-03	3.69E-04	2.60E-03	4.33E-04	3.01E-03	6.14E-04	6.02E-04	9.35E-05	1.13E-04	1.72E-05	3.26E-05	4.99E-06	7.71E-05	1.18E-05	1.90E-05	1.90E-05	4.82E-01	8.04E-02	1.00E+00	1.71E-01
1282	Gridded	3.95E-05	5.95E-06	7.87E-06	1.27E-06	4.93E-04	6.99E-05	5.04E-04	7.29E-05	5.08E-04	8.29E-05	1.17E-05	1.64E-06	1.97E-03	2.78E-04	2.14E-03	3.25E-04	2.52E-03	4.45E-04	4.96E-04	7.06E-05	9.28E-05	1.30E-05	2.69E-05	3.77E-06	6.35E-05	8.91E-06	1.40E-05	1.40E-05	4.41E-01	7.33E-02	1.00E+00	1.50E-01
1283	Gridded	3.17E-05	5.06E-06	6.30E-06	1.08E-06	3.95E-04	5.92E-05	4.04E-04	6.18E-05	4.07E-04	7.08E-05	9.40E-06	1.39E-06	1.58E-03	2.35E-04	1.71E-03	2.76E-04	4.33E-03	3.90E-04	3.97E-04	5.97E-05	7.44E-05	1.10E-05	2.15E-05	3.19E-06	5.09E-05	7.53E-06	1.21E-05	1.21E-05	3.91E-01	6.61E-02	9.78E-01	1.31E-01
1284	Gridded	2.64E-05	4.95E-06	5.27E-06	1.06E-06	3.29E-04	5.77E-05	3.37E-04	6.03E-05	3.41E-04	6.95E-05	7.83E-06	1.36E-06	1.31E-03	2.30E-04	1.43E-03	2.70E-04	4.44E-03	3.88E-04	3.31E-04	5.83E-05	6.20E-05	1.07E-05	1.79E-05	3.11E-06	4.24E-05	7.35E-06	1.19E-05	1.19E-05	3.56E-01	6.31E-02	1.03E+00	1.21E-01
1285	Gridded	2.16E-05	4.76E-06	4.62E-06	1.03E-06	2.54E-04	5.54E-05	2.65E-04	5.80E-05	3.02E-04	6.72E-05	5.97E-06	1.30E-06	1.01E-03	2.21E-04	1.18E-03	2.60E-04	2.28E-03	3.82E-04	2.56E-04	5.60E-05	4.72E-05	1.03E-05	1.37E-05	2.98E-06	3.23E-05	7.05E-06	1.16E-05	1.16E-05	2.82E-01	5.49E-02	8.50E-01	1.01E-01
1286	Gridded	2.19E-05	4.87E-06	4.65E-06	1.05E-06	2.57E-04	5.66E-05	2.68E-04	5.92E-05	3.04E-04	6.88E-05	6.06E-06	1.33E-06	1.02E-03	2.25E-04	1.19E-03	2.66E-04	2.25E-03	3.96E-04	2.60E-04	5.71E-05	4.80E-05	1.05E-05	1.39E-05	3.04E-06	3.28E-05	7.19E-06	1.20E-05	1.20E-05	2.40E-01	5.02E-02	6.45E-01	8.95E-02
1287	Gridded	2.29E-05	5.30E-06	4.86E-06	1.14E-06	2.71E-04	6.16E-05	2.82E-04	6.45E-05	3.18E-04	7.49E-05	6.37E-06	1.45E-06	1.08E-03	2.45E-04	1.25E-03	2.90E-04	1.89E-03	4.30E-04	2.73E-04	6.22E-05	5.04E-05	1.15E-05	1.46E-05	3.32E-06	3.45E-05	7.84E-06	1.30E-05	1.30E-05	2.43E-01	5.19E-02	6.10E-01	9.06E-02
1288	Gridded	2.39E-05	5.78E-06	5.05E-06	1.24E-06	2.83E-04	6.72E-05	2.95E-04	7.03E-05	3.30E-04	8.16E-05	6.67E-06	1.58E-06	1.13E-03	2.67E-04	1.30E-03	3.16E-04	1.99E-03	4.66E-04	2.86E-04	6.79E-05	5.28E-05	1.25E-05	1.53E-05	3.62E-06	3.62E-05	8.55E-06	1.41E-05	1.41E-05	2.47E-01	5.33E-02	6.53E-01	9.31E-02
1289	Gridded	2.62E-05	6.49E-06	5.57E-06	1.39E-06	3.08E-04	7.56E-05	3.21E-04	7.90E-05	3.64E-04	9.13E-05	7.24E-06	1.78E-06	1.23E-03	3.01E-04	1.43E-03	3.55E-04	2.17E-03	5.15E-04	3.11E-04	7.63E-05	5.73E-05	1.41E-05	1.66E-05	4.07E-06	3.92E-05	9.62E-06	1.57E-05	1.57E-05	2.82E-01	6.03E-02	7.85E-01	1.07E-01
1290	Gridded	2.98E-05	7.41E-06	6.32E-06	1.59E-06	3.51E-04	8.65E-05	3.66E-04	9.04E-05	4.13E-04	1.04E-04	8.27E-06	2.03E-06	1.40E-03	3.44E-04	1.62E-03	4.05E-04	2.34E-03	5.78E-04	3.55E-04	8.74E-05	6.55E-05	1.61E-05	1.90E-05	4.66E-06	4.48E-05	1.10E-05	1.78E-05	1.78E-05	3.52E-01	7.38E-02	1.02E+00	1.30E-01
1291	Gridded	3.43E-05	8.48E-06	7.25E-06	1.82E-06	4.06E-04	9.93E-05	4.22E-04	1.04E-04	4.73E-04	1.19E-04	9.55E-06	2.34E-06	1.61E-03	3.95E-04	1.87E-03	4.63E-04	2.51E-03	6.53E-04	4.09E-04	1.00E-04	7.56E-05	1.85E-05	2.19E-05	5.35E-06	5.17E-05	1.27E-05	2.02E-05	2.02E-05	4.52E-01	9.43E-02	1.36E+00	1.59E-01
1292	Gridded	3.77E-05	8.86E-06	7.91E-06	1.89E-06	4.48E-04	1.04E-04	4.65E-04	1.08E-04	5.16E-04	1.24E-04	1.06E-05	2.44E-06	1.79E-03	4.13E-04	2.05E-03	4.84E-04	2.55E-03	6.78E-04	4.52E-04	1.05E-04	8.37E-05	1.93E-05	2.42E-05	5.59E-06	5.72E-05	1.32E-05	2.11E-05	2.11E-05	4.34E-01	9.45E-02	1.40E+00	1.70E-01
1293	Gridded	3.90E-05	8.70E-06	8.12E-06	1.86E-06	4.69E-04	1.02E-04	4.85E-04	1.06E-04	5.29E-04	1.22E-04	1.11E-05	2.40E-06	1.87E-03	4.06E-04	2.12E-03	4.75E-04	2.45E-03	6.63E-04	4.72E-04	1.03E-04	8.76E-05	1.90E-05	2.54E-05	5.50E-06	6.00E-05	1.30E-05	2.06E-05	2.06E-05	3.74E-01	8.60E-02	1.11E+00	1.63E-01
1294	Gridded	4.30E-05	8.50E-06	8.87E-06	1.81E-06	5.20E-04	9.97E-05	5.37E-04	1.04E-04	5.77E-04	1.19E-04	1.23E-05	2.35E-06	2.07E-03	3.97E-04	2.33E-03	4.64E-04	3.07E-03	6.44E-04	5.23E-04	1.01E-04	9.73E-05	1.86E-05	2.82E-05	5.37E-06	6.66E-05	1.27E-05	2.01E-05	2.01E-05	4.26E-01	8.25E-02	7.55E-01	1.58E-01
1295	Gridded	4.95E-05	8.35E-06	1.01E-05	1.78E-06	6.05E-04	9.80E-05	6.23E-04	1.02E-04	6.55E-04	1.16E-04	1.43E-05	2.31E-06	2.41E-03	3.90E-04	2.68E-03	4.56E-04	3.11E-03	6.65E-04	6.09E-04	9.89E-05	1.14E-04	1.83E-05	3.29E-05	5.29E-06	7.77E-05	1.25E-05	2.02E-05	2.02E-05	1.04E+00	8.34E-02	9.97E-01	1.62E-01
1296	Gridded	5.73E-05	9.39E-06	1.15E-05	2.02E-06	7.09E-04	1.09E-04	7.26E-04	1.14E-04	7.45E-04	1.32E-04	1.68E-05	2.57E-06	2.83E-03	4.36E-04	3.10E-03	5.13E-04	4.47E-03	7.42E-04	7.12E-04	1.11E-04	1.33E-04	2.04E-05	3.85E-05	5.89E-06	9.11E-05	1.39E-05	2.27E-05	2.27E-05	1.05E+00	8.96E-02	8.60E-01	1.79E-01
1297	Gridded	5.78E-05	1.17E-05	1.14E-05	2.51E-06	7.25E-04	1.38E-04	7.39E-04	1.44E-04	7.37E-04	1.64E-04	1.72E-05	3.24E-06	2.89E-03	5.48E-04	3.12E-03	6.41E-04	4.96E-03	8.99E-04	7.28E-04	1.39E-04	1.36E-04	2.56E-05	3.95E-05	7.42E-06	9.34E-05	1.75E-05	2.79E-05	2.79E-05	6.32E-01	1.04E-01	1.09E+00	2.00E-01
1298	Gridded	6.43E-05	1.41E-05	1.32E-05	2.99E-06	7.83E-04	1.66E-04	8.07E-04	1.73E-04	8.55E-04	1.95E-04	1.85E-05	3.92E-06	3.12E-03	6.62E-04	3.49E-03	7.69E-04	3.85E-03	1.02E-03	7.89E-04	1.68E-04	1.47E-04	3.10E-05	4.25E-05	8.98E-06	1.00E-04	2.12E-05	3.26E-05	3.26E-05	6.23E-01	1.49E-01	1.09E+00	2.23E-01
1299	Gridded	6.05E-05	1.24E-05	1.21E-05	2.52E-06	7.51E-04	1.53E-04	7.69E-04	1.57E-04	7.86E-04	1.63E-04	1.78E-05	3.62E-06	3.00E-03	6.09E-04	3.27E-03	6.73E-04	3.51E-03	8.12E-04	7.55E-04	1.54E-04	1.41E-04	2.86E-05	4.09E-05	8.29E-06	9.66E-05	1.96E-05	2.63E-05	2.63E-05	6.87E-01	1.92E-01	1.13E+00	2.17E-01
1300	Gridded	5.43E-05	1.39E-05	1.10E-05	2.83E-06	6.68E-04	1.71E-04	6.85E-04	1.75E-04	7.12E-04	1.83E-04	1.58E-05	4.04E-06	2.66E-03	6.80E-04	2.94E-03	7.54E-04	3.32E-03	7.06E-04	6.71E-04	1.72E-04	1.25E-04	3.20E-05	3.63E-05	9.27E-06	8.57E-05	2.19E-05	2.72E-05	2.72E-05	7.82E-01	2.61E-01	8.00E-01	2.12E-01
1301	Gridded	3.27E-05	4.46E-06	6.00E-06	8.27E-07	4.34E-04	5.88E-05	4.34E-04	5.90E-05	3.82E-04	5.27E-05	1.04E-05	1.41E-06	1.73E-03	2.35E-04	1.74E-03	2.38E-04	1.96E-03	1.69E-04	4.34E-04	5.89E-05	8.23E-05	1.12E-05	2.38E-05	3.23E-06	5.63E-05	7.63E-06	5.59E-06	5.59E-06	6.83E-01	1.05E-01	1.41E+00	7.93E-02
1302	Gridded	1.41E-04	2.13E-05	2.59E-05	3.89E-06	1.88E-03	2.83E-04	1.88E-03	2.83E-04	1.64E-03	2.47E-04	4.52E-05	6.79E-06	7.53E-03	1.13E-03	7.54E-03	1.13E-03	2.22E-03	2.86E-04	1.88E-03	2.83E-04	3.58E-04	5.37E-05	1.04E-04	1.56E-05	2.45E-04	3.68E-05	2.48E-05	2.48E-05	1.02E+00	3.67E-01	1.97E+00	1.17E-01
1303	Gridded	1.28E-04	9.67E-06	2.60E-05	1.91E-06	1.58E-03	1.22E-04	1.62E-03	1.24E-04	1.68E-03	1.23E-04	3.74E-05	2.89E-06	6.30E-03	4.85E-04	6.95E-03	5.21E-04	6.31E-03	4.11E-04	1.59E-03	1.22E-04	2.96E-04	2.29E-05	8.58E-05	6.63E-06	2.03E-04	1.57E-05	1.75E-05	1.75E-05	1.51E+00	2.54E-01	1.99E+00	1.64E-01
1304	Gridded	1.26E-04	1.90E-05	2.83E-05	3.64E-06	1.64E-03	2.44E-04	1.65E-03	2.47E-04	1.87E-03	2.33E-04	3.93E-05	5.82E-06	6.57E-03	9.74E-04	6.91E-03	1.02E-03	1.33E-02	7.99E-04	1.65E-03	2.44E-04	3.11E-04	4.61E-05	9.01E-05	1.33E-05	2.13E-04	3.15E-05	2.87E-05	2.87E-05	1.31E+00	2.04E-01	2.44E+00	2.39E-01
1305	Gridded	8.28E-05	1.40E-05	1.81E-05	2.86E-06	9.72E-04	1.70E-04	9.97E-04	1.75E-04	1.19E-03	1.86E-04	2.31E-05	4.02E-06	3.88E-03	6.77E-04	4.54E-03	7.57E-04	9.41E-03	7.80E-04	9.77E-04	1.71E-04	1.83E-04	3.18E-05	5.29E-05	9.21E-06	1.25E-04	2.18E-05	2.84E-05	2.84E-05	8.79E-01	1.00E-01	3.29E+00	1.68E-01
1306	Gridded	6.81E-05	8.74E-06	1.50E-05	1.89E-06	7.73E-04	1.02E-04	8.15E-04	1.06E-04	9.90E-04	1.24E-04	1.81E-05	2.39E-06	3.07E-03	4.04E-04	3.74E-03	4.78E-04	6.94E-03	7.45E-04	7.82E-04	1.03E-04	1.43E-04	1.89E-05	4.14E-05	5.47E-06	9.79E-05	1.29E-05	2.14E-05	2.14E-05	1.06E+00	8.90E-02	2.89E+00	1.46E-01
1307	Gridded	6.77E-05	8.34E-06	1.52E-05	1.72E-06	7.55E-04	1.01E-04	8.02E-04	1.04E-04	1.00E-03	1.12E-04	1.76E-05	2.39E-06	3.00E-03	4.02E-04	3.73E-03	4.53E-04	6.97E-03	6.85E-04	7.66E-04	1.02E-04	1.39E-04	1.89E-05	4.04E-05	5.47E-06	9.54E-05	1.29E-05	1.91E-05	1.91E-05	9.99E-01	8.95E-02	1.97E+00	1.45E-01
1308	Gridded	6.05E-05	6.51E-06	1.35E-05	1.35E-06	6.81E-04	7.83E-05	7.21E-04	8.10E-05	8.90E-04	8.81E-05	1.59E-05	1.85E-06	2.70E-03	3.12E-04	3.33E-03	3.54E-04	6.41E-03	5.49E-04	6.89E-04	7.89E-05	1.26E-04	1.46E-05	3.64E-05	4.24E-06	8.61E-05	1.00E-05	1.55E-05	1.55E-05	7.49E-01	6.71E-02	1.08E+00	1.07E-01
1309	Gridded	5.30E-05	5.31E-06	1.20E-05	1.17E-06	5.95E-04	6.27E-05	6.30E-04	6.51E-05	7.92E-04	7.68E-05	1.39E-05	1.48E-06	2.36E-03	2.50E-04	2.92E-03	2.91E-04	5.66E-03	4.96E-04	6.02E-04	6.32E-05	1.10E-04	1.17E-05	3.18E-05	3.39E-06	7.52E-05	8.02E-06	1.39E-05	1.39E-05	4.88E-01	5.42E-02	8.28E-01	8.50E-02
1310	Gridded	4.73E-05	5.00E-06	1.06E-05	1.10E-06	5.31E-04	5.70E-05	5.63E-04	6.01E-05	6.96E-04	7.23E-05	1.24E-05	1.33E-06	2.11E-03	2.27E-04	2.60E-03	2.74E-04	4.95E-03	4.56E-04	5.38E-04	5.77E-05	9.82E-05	1.06E-05	2.84E-05	3.06E-06	6.72E-05	7.23E-06	1.31E-05	1.31E-05	4.34E-01	4.84E-02	7.24E-01	7.54E-02
1311	Gridded	4.27E-05	4.89E-06	9.56E-06	1.07E-06	4.77E-04	5.60E-05	5.07E-04	5.89E-05	6.30E-04	7.04E-05	1.11E-05	1.31E-06	1.90E-03	2.23E-04	2.35E-03	2.68E-04	4.32E-03	4.37E-04	4.84E-04	5.66E-05	8.82E-05	1.04E-05	2.55E-05	3.00E-06	6.03E-05	7.10E-06	1.27E-05	1.27E-05	3.78E-01	4.40E-02	6.28E-01	6.83E-02
1312	Gridded	3.91E-05	5.09E-06	8.76E-06	1.11E-06	4.37E-04	5.87E-05	4.64E-04	6.16E-05	5.78E-04	7.26E-05	1.02E-05	1.38E-06	1.74E-03	2.33E-04	2.15E-03	2.79E-04	3.96E-03	4.34E-04	4.43E-04	5.93E-05	8.08E-05	1.09E-05	2.34E-05	3.15E-06	5.53E-05	7.45E-06	1.28E-05	1.28E-05	3.43E-01	4.70E-02	5.60E-01	6.96E-02
1313	Gridded	3.52E-05	4.75E-06	7.89E-06	1.03E-06	3.94E-04	5.49E-05	4.18E-04	5.76E-05	5.20E-04	6.77E-05	9.18E-06	1.29E-06	1.56E-03	2.18E-04	1.94E-03	2.60E-04	3.58E-03	4.03E-04	3.99E-04	5.54E-05	7.27E-05	1.02E-05	2.10E-05	2.95E-06	4.97E-05	6.97E-06	1.19E-05	1.19E-05	3.41E-01	4.54E-02	5.39E-01	6.76E-02

Scenario 1 Results

1314	Gridded	3.71E-05	5.06E-06	7.33E-06	1.09E-06	4.66E-04	5.87E-05	4.75E-04	6.15E-05	4.73E-04	7.16E-05	1.11E-05	1.38E-06	1.86E-03	2.34E-04	2.00E-03	2.77E-04	3.25E-03	4.13E-04	4.68E-04	5.93E-05	8.77E-05	1.09E-05	2.54E-05	3.16E-06	6.00E-05	7.47E-06	1.25E-05	1.25E-05	3.85E-01	5.09E-02	6.33E-01	7.61E-02
1315	Gridded	4.08E-05	4.73E-06	8.02E-06	1.02E-06	5.15E-04	5.49E-05	5.24E-04	5.75E-05	5.17E-04	6.69E-05	1.23E-05	1.29E-06	2.06E-03	2.18E-04	2.20E-03	2.59E-04	3.03E-03	3.86E-04	5.17E-04	5.55E-05	9.71E-05	1.02E-05	2.81E-05	2.95E-06	6.64E-05	6.98E-06	1.16E-05	1.16E-05	3.27E-01	4.74E-02	5.52E-01	7.12E-02
1316	Gridded	4.72E-05	4.90E-06	9.20E-06	1.05E-06	5.98E-04	5.87E-05	6.08E-04	6.08E-05	5.92E-04	6.86E-05	1.43E-05	1.39E-06	2.39E-03	2.34E-04	2.54E-03	2.66E-04	2.98E-03	3.91E-04	6.01E-04	5.92E-05	1.13E-04	1.10E-05	3.27E-05	3.18E-06	7.72E-05	7.51E-06	1.19E-05	1.19E-05	3.29E-01	5.00E-02	5.86E-01	7.64E-02
1317	Gridded	3.31E-05	4.01E-06	6.66E-06	8.66E-07	4.25E-04	4.79E-05	4.30E-04	4.97E-05	4.38E-04	5.68E-05	1.01E-05	1.13E-06	1.70E-03	1.91E-04	1.78E-03	2.19E-04	2.85E-03	3.29E-04	4.26E-04	4.83E-05	8.02E-05	8.96E-06	2.32E-05	2.59E-06	5.49E-05	6.13E-06	9.90E-06	9.90E-06	2.81E-01	4.19E-02	4.79E-01	6.40E-02
1318	Gridded	3.00E-05	3.02E-06	6.35E-06	6.57E-07	3.59E-04	3.50E-05	3.72E-04	3.65E-05	4.18E-04	4.31E-05	8.48E-06	8.23E-07	1.43E-03	1.39E-04	1.63E-03	1.65E-04	2.73E-03	2.60E-04	3.62E-04	3.53E-05	6.71E-05	6.52E-06	1.94E-05	1.89E-06	4.59E-05	4.46E-06	7.65E-06	7.65E-06	2.08E-01	3.25E-02	3.56E-01	4.82E-02
1319	Gridded	3.03E-05	3.07E-06	6.34E-06	6.67E-07	3.63E-04	3.54E-05	3.76E-04	3.71E-05	4.13E-04	4.37E-05	8.56E-06	8.30E-07	1.45E-03	1.41E-04	1.65E-03	1.68E-04	2.68E-03	2.61E-04	3.66E-04	3.58E-05	6.78E-05	6.57E-06	1.96E-05	1.90E-06	4.64E-05	4.49E-06	7.73E-06	7.73E-06	2.54E-01	3.75E-02	5.26E-01	5.37E-02
1320	Gridded	3.65E-05	3.06E-06	6.94E-06	6.65E-07	4.72E-04	3.54E-05	4.76E-04	3.71E-05	4.44E-04	4.36E-05	1.13E-05	8.30E-07	1.89E-03	1.41E-04	1.96E-03	1.68E-04	2.63E-03	2.59E-04	4.73E-04	3.58E-05	8.92E-05	6.57E-06	2.58E-05	1.90E-06	6.11E-05	4.50E-06	7.69E-06	7.69E-06	3.95E-01	3.99E-02	7.81E-01	5.43E-02
1321	Gridded	4.28E-05	3.40E-06	8.10E-06	6.67E-07	5.57E-04	4.29E-05	5.62E-04	4.37E-05	5.18E-04	4.32E-05	1.33E-05	1.02E-06	2.23E-03	1.71E-04	2.30E-03	1.83E-04	2.52E-03	2.54E-04	5.58E-04	4.31E-05	1.05E-04	8.09E-06	3.05E-05	2.34E-06	7.22E-05	5.53E-06	7.58E-06	7.58E-06	5.19E-01	3.73E-02	9.65E-01	5.87E-02
1322	Gridded	5.17E-05	4.67E-06	9.71E-06	9.22E-07	6.76E-04	5.87E-05	6.81E-04	5.98E-05	6.20E-04	5.94E-05	1.62E-05	1.40E-06	2.70E-03	2.34E-04	2.77E-03	2.52E-04	2.39E-03	2.75E-04	6.77E-04	5.89E-05	1.28E-04	1.10E-05	3.71E-05	3.20E-06	8.77E-05	7.56E-06	8.28E-06	8.28E-06	6.46E-01	3.65E-02	1.14E+00	6.43E-02
1323	Gridded	7.21E-05	7.75E-06	1.34E-05	1.55E-06	9.48E-04	9.62E-05	9.52E-04	9.85E-05	8.65E-04	1.01E-04	2.27E-05	2.28E-06	3.79E-03	3.84E-04	3.86E-03	4.19E-04	4.36E-03	3.92E-04	9.49E-04	9.67E-05	1.80E-04	1.81E-05	5.20E-05	5.23E-06	1.23E-04	1.24E-05	1.44E-05	1.44E-05	7.82E-01	4.38E-02	1.34E+00	7.62E-02
1324	Gridded	7.03E-05	7.74E-06	1.48E-05	1.56E-06	8.37E-04	9.55E-05	8.69E-04	9.79E-05	9.64E-04	1.01E-04	1.97E-05	2.27E-06	3.33E-03	3.81E-04	3.83E-03	4.19E-04	4.76E-03	3.90E-04	8.44E-04	9.60E-05	1.56E-04	1.79E-05	4.52E-05	5.19E-06	1.07E-04	1.23E-05	1.47E-05	1.47E-05	6.89E-01	4.13E-02	1.13E+00	7.33E-02
1325	Gridded	4.52E-05	4.51E-06	9.27E-06	9.01E-07	5.50E-04	5.60E-05	5.66E-04	5.73E-05	6.02E-04	5.83E-05	1.30E-05	1.33E-06	2.19E-03	2.23E-04	2.45E-03	2.43E-04	2.51E-03	2.47E-04	5.53E-04	5.63E-05	1.03E-04	1.05E-05	2.98E-05	3.05E-06	7.04E-05	7.20E-06	8.27E-06	8.27E-06	4.58E-01	3.25E-02	7.36E-01	5.99E-02
1326	Gridded	6.04E-05	5.40E-06	1.24E-05	1.09E-06	7.36E-04	6.64E-05	7.58E-04	6.82E-05	8.02E-04	7.09E-05	1.74E-05	1.57E-06	2.93E-03	2.65E-04	3.27E-03	2.92E-04	3.28E-03	3.02E-04	7.41E-04	6.68E-05	1.38E-04	1.25E-05	3.99E-05	3.61E-06	9.43E-05	8.52E-06	1.04E-05	1.04E-05	4.36E-01	3.78E-02	8.37E-01	6.99E-02
1327	Gridded	3.48E-05	4.95E-06	7.28E-06	1.04E-06	4.16E-04	5.91E-05	4.32E-04	6.12E-05	4.74E-04	6.75E-05	9.83E-06	1.39E-06	1.66E-03	2.35E-04	1.89E-03	2.69E-04	2.27E-03	3.40E-04	4.20E-04	5.95E-05	7.78E-05	1.10E-05	2.25E-05	3.19E-06	5.32E-05	7.55E-06	1.09E-05	1.09E-05	2.67E-01	7.47E-02	7.38E-01	1.54E-01
1328	Gridded	3.04E-05	4.41E-06	6.34E-06	9.20E-07	3.64E-04	5.28E-05	3.77E-04	5.47E-05	4.13E-04	6.00E-05	8.58E-06	1.25E-06	1.45E-03	2.10E-04	1.65E-03	2.40E-04	1.96E-03	3.26E-04	3.66E-04	5.32E-05	6.79E-05	9.86E-06	1.97E-05	2.85E-06	4.65E-05	6.75E-06	9.62E-06	9.62E-06	2.64E-01	7.42E-02	7.29E-01	1.53E-01
1329	Gridded	2.83E-05	4.31E-06	5.92E-06	8.98E-07	3.39E-04	5.17E-05	3.52E-04	5.35E-05	3.86E-04	5.85E-05	8.01E-06	1.22E-06	1.35E-03	2.06E-04	1.54E-03	2.34E-04	1.93E-03	3.30E-04	3.42E-04	5.21E-05	6.34E-05	9.66E-06	1.84E-05	2.80E-06	4.34E-05	6.61E-06	9.70E-06	9.70E-06	2.78E-01	7.71E-02	8.27E-01	1.59E-01
1330	Gridded	3.32E-05	5.42E-06	6.94E-06	1.13E-06	4.15E-04	6.50E-05	4.24E-04	6.73E-05	4.53E-04	7.35E-05	9.86E-06	1.53E-06	1.66E-03	2.59E-04	1.80E-03	2.95E-04	2.51E-03	3.87E-04	4.17E-04	6.55E-05	7.80E-05	1.21E-05	2.26E-05	3.51E-06	5.34E-05	8.31E-06	1.17E-05	1.17E-05	3.55E-01	9.14E-02	9.57E-01	1.89E-01
1331	Gridded	3.79E-05	6.10E-06	7.77E-06	1.27E-06	4.74E-04	7.32E-05	4.84E-04	7.58E-05	5.06E-04	8.27E-05	1.13E-05	1.73E-06	1.89E-03	2.92E-04	2.04E-03	3.32E-04	2.90E-03	4.27E-04	4.76E-04	7.38E-05	8.93E-05	1.37E-05	2.58E-05	3.96E-06	6.11E-05	9.36E-06	1.32E-05	1.32E-05	4.11E-01	1.01E-01	9.80E-01	2.07E-01
1332	Gridded	3.36E-05	5.35E-06	6.83E-06	1.11E-06	4.22E-04	6.44E-05	4.30E-04	6.66E-05	4.44E-04	7.22E-05	1.01E-05	1.52E-06	1.69E-03	2.57E-04	1.81E-03	2.91E-04	2.54E-03	4.04E-04	4.24E-04	6.49E-05	7.96E-05	1.20E-05	2.30E-05	3.49E-06	5.44E-05	8.24E-06	1.20E-05	1.20E-05	4.12E-01	1.02E-01	1.15E+00	2.08E-01
1333	Gridded	2.65E-05	4.40E-06	5.33E-06	9.53E-07	3.36E-04	5.15E-05	3.42E-04	5.33E-05	3.46E-04	6.25E-05	8.01E-06	1.22E-06	1.34E-03	2.05E-04	1.43E-03	2.41E-04	4.52E-03	3.71E-04	3.37E-04	5.18E-05	6.34E-05	9.63E-06	1.83E-05	2.79E-06	4.34E-05	6.59E-06	1.10E-05	1.10E-05	3.73E-01	9.52E-02	1.05E+00	1.89E-01
1334	Gridded	2.18E-05	4.31E-06	4.36E-06	9.36E-07	2.78E-04	4.98E-05	2.82E-04	5.23E-05	2.83E-04	6.14E-05	6.63E-06	1.17E-06	1.11E-03	1.98E-04	1.18E-03	2.36E-04	5.22E-03	3.65E-04	2.79E-04	5.04E-05	5.25E-05	9.26E-06	1.52E-05	2.68E-06	3.59E-05	6.33E-06	1.08E-05	1.08E-05	3.41E-01	8.91E-02	8.81E-01	1.74E-01
1335	Gridded	1.94E-05	4.09E-06	4.18E-06	8.87E-07	2.25E-04	4.72E-05	2.35E-04	4.95E-05	2.74E-04	5.82E-05	5.28E-06	1.11E-06	8.95E-04	1.88E-04	1.06E-03	2.24E-04	2.84E-03	3.44E-04	2.27E-04	4.77E-05	4.18E-05	8.77E-06	1.21E-05	2.54E-06	2.86E-05	6.00E-06	1.02E-05	1.02E-05	3.18E-01	7.23E-02	8.19E-01	1.36E-01
1336	Gridded	2.00E-05	4.19E-06	4.30E-06	9.09E-07	2.32E-04	4.85E-05	2.43E-04	5.08E-05	2.82E-04	5.96E-05	5.46E-06	1.14E-06	9.25E-04	1.93E-04	1.09E-03	2.30E-04	1.77E-03	3.52E-04	2.35E-04	4.90E-05	4.32E-05	9.00E-06	1.25E-05	2.61E-06	2.96E-05	6.16E-06	1.05E-05	1.05E-05	2.84E-01	6.60E-02	7.95E-01	1.20E-01
1337	Gridded	2.08E-05	4.42E-06	4.47E-06	9.58E-07	2.42E-04	5.12E-05	2.53E-04	5.36E-05	2.92E-04	6.28E-05	5.70E-06	1.20E-06	9.65E-04	2.04E-04	1.14E-03	2.42E-04	1.64E-03	3.69E-04	2.45E-04	5.17E-05	4.51E-05	9.50E-06	1.31E-05	2.75E-06	3.09E-05	6.50E-06	1.10E-05	1.10E-05	2.81E-01	6.28E-02	6.51E-01	1.10E-01
1338	Gridded	2.24E-05	4.81E-06	4.81E-06	1.04E-06	2.62E-04	5.57E-05	2.74E-04	5.83E-05	3.15E-04	6.81E-05	6.17E-06	1.31E-06	1.04E-03	2.22E-04	1.23E-03	2.63E-04	1.74E-03	3.97E-04	2.65E-04	5.63E-05	4.89E-05	1.03E-05	1.41E-05	3.00E-06	3.34E-05	7.08E-06	1.19E-05	1.19E-05	2.87E-01	6.11E-02	5.96E-01	1.02E-01
1339	Gridded	2.45E-05	5.33E-06	5.23E-06	1.15E-06	2.87E-04	6.18E-05	3.00E-04	6.47E-05	3.42E-04	7.55E-05	6.76E-06	1.45E-06	1.14E-03	2.46E-04	1.34E-03	2.92E-04	1.86E-03	4.39E-04	2.90E-04	6.24E-05	5.35E-05	1.15E-05	1.55E-05	3.32E-06	3.66E-05	7.85E-06	1.32E-05	1.32E-05	3.03E-01	6.18E-02	6.04E-01	9.94E-02
1340	Gridded	2.88E-05	6.39E-06	6.15E-06	1.38E-06	3.38E-04	7.43E-05	3.53E-04	7.78E-05	4.02E-04	9.02E-05	7.96E-06	1.75E-06	1.35E-03	2.96E-04	1.57E-03	3.49E-04	2.17E-03	5.14E-04	3.42E-04	7.51E-05	6.30E-05	1.38E-05	1.82E-05	4.00E-06	4.31E-05	9.46E-06	1.56E-05	1.56E-05	4.17E-01	8.69E-02	7.83E-01	1.37E-01
1341	Gridded	3.29E-05	7.43E-06	7.00E-06	1.60E-06	3.87E-04	8.66E-05	4.03E-04	9.05E-05	4.58E-04	1.04E-04	9.10E-06	2.04E-06	1.54E-03	3.45E-04	1.79E-03	4.06E-04	2.45E-03	5.87E-04	3.90E-04	8.75E-05	7.20E-05	1.61E-05	2.09E-05	4.66E-06	4.93E-05	1.10E-05	1.80E-05	1.80E-05	5.06E-01	1.03E-01	1.02E+00	1.62E-01
1342	Gridded	3.70E-05	8.44E-06	7.85E-06	1.81E-06	4.36E-04	9.85E-05	4.54E-04	1.03E-04	5.13E-04	1.19E-04	1.03E-05	2.32E-06	1.74E-03	3.92E-04	2.02E-03	4.61E-04	2.70E-03	6.61E-04	4.40E-04	9.95E-05	8.12E-05	1.83E-05	2.35E-05	5.31E-06	5.56E-05	1.25E-05	2.03E-05	2.03E-05	5.86E-01	1.13E-01	1.46E+00	1.77E-01
1343	Gridded	3.96E-05	9.15E-06	8.38E-06	1.96E-06	4.69E-04	1.07E-04	4.88E-04	1.12E-04	5.47E-04	1.28E-04	1.11E-05	2.51E-06	1.87E-03	4.25E-04	2.16E-03	5.00E-04	2.81E-03	7.15E-04	4.73E-04	1.08E-04	8.75E-05	1.99E-05	2.53E-05	5.75E-06	5.99E-05	1.36E-05	2.20E-05	2.20E-05	6.01E-01	1.10E-01	1.62E+00	1.60E-01
1344	Gridded	4.19E-05	1.01E-05	8.82E-06	2.15E-06	4.99E-04	1.18E-04	5.18E-04	1.23E-04	5.75E-04	1.41E-04	1.18E-05	2.76E-06	1.99E-03	4.68E-04	2.28E-03	5.49E-04	2.86E-03	7.81E-04	5.03E-04	1.19E-04	9.31E-05	2.19E-05	2.69E-05	6.33E-06	6.37E-05	1.50E-05	2.41E-05	2.41E-05	6.11E-01	1.06E-01	1.70E+00	1.55E-01
1345	Gridded	4.31E-05	1.08E-05	9.04E-06	2.32E-06	5.14E-04	1.27E-04	5.33E-04	1.32E-04	5.90E-04	1.52E-04	1.21E-05	2.98E-06	2.05E-03	5.05E-04	2.35E-03	5.93E-04	2.89E-03	8.43E-04	5.18E-04	1.28E-04	9.59E-05	2.36E-05	2.78E-05	6.83E-06	6.56E-05	1.61E-05	2.60E-05	2.60E-05	5.27E-01	8.69E-02	1.35E+00	1.43E-01
1346	Gridded	4.82E-05	1.24E-05	9.99E-06	2.65E-06	5.80E-04	1.45E-04	5.99E-04	1.51E-04	6.50E-04	1.73E-04	1.37E-05	3.40E-06	2.31E-03	5.76E-04	2.62E-03	6.75E-04	2.96E-03	9.52E-04	5.84E-04	1.46E-04	1.08E-04	2.69E-05	3.14E-05	7.80E-06	7.42E-05	1.84E-05	2.95E-05	2.95E-05	4.78E-01	9.87E-02	1.35E+00	1.38E-01
1347	Gridded	5.18E-05	1.44E-05	1.06E-05	3.07E-06	6.31E-04	1.69E-04	6.50E-04	1.76E-04	6.90E-04	2.01E-04	1.49E-05	3.97E-06	2.52E-03	6.72E-04	2.81E-03	7.86E-04	3.38E-03	1.09E-03	6.35E-04	1.70E-04	1.18E-04	3.15E-05	3.42E-05	9.10E-06	8.09E-05	2.15E-05	3.40E-05	3.40E-05	5.83E-01	1.11E-01	1.36E+00	1.26E-01
1348	Gridded	5.80E-05	1.66E-05	1.20E-05	3.52E-06	6.97E-04	1.95E-04	7.21E-04	2.03E-04	7.84E-04	2.30E-04	1.65E-05	4.59E-06	2.78E-03	7.76E-04	3.15E-03	9.03E-04	4.09E-03	1.22E-03	7.03E-04	1.97E-04	1.30E-04	3.63E-05	3.77E-05	1.05E-05	8.92E-05	2.48E-05	3.86E-05	3.86E-05	6.42E-01	1.16E-01	9.20E-01	1.62E-01
1349	Gridded	6.67E-05	1.76E-05	1.37E-05	3.66E-06	8.10E-04	2.11E-04	8.35E-04	2.18E-04	8.89E-04	2.38E-04	1.92E-05	4.98E-06	3.23E-03	8.41E-04	3.62E-03	9.56E-04	3.73E-03	1.24E-03	8.16E-04	2.13E-04	1.52E-04	3.94E-05	4.39E-05	1.14E-05	1.04E-04	2.70E-05	3.96E-05	3.96E-05	6.07E-01	1.39E-01	1.50E+00	2.05E-01
1350	Gridded	6.38E-05	1.82E-05	1.28E-05	3.76E-06	7.93E-04	2.21E-04	8.11E-04	2.28E-04	8.25E-04	2.45E-04	1.88E-05	5.22E-06	3.16E-03	8.80E-04	3.45E-03	9.90E-04	3.87E-03	1.07E-03	7.97E-04	2.22E-04	1.49E-04	4.13E-05	4.32E-05	1.20E-05	1.02E-04	2.83E-05	3.80E-05	3.80E-05	7.12E-01	1.88E-01	1.61E+00	1.99E-01
1351	Gridded	4.62E-05	8.68E-06	9.52E-06	1.81E-06	5.60E-04	1.04E-04	5.78E-04	1.08E-04	6.18E-04	1.18E-04	1.32E-05	2.46E-06	2.23E-03	4.15E-04	2.51E-03	4.72E-04	3.05E-03	5.46E-04	5.64E-04	1.05E-04	1.05E-04	1.95E-05	3.04E-05	5.64E-06	7.18E-05	1.33E-05	1.87E-05	1.87E-05	7.32E-01	2.02E-01	9.14E-01	2.16E-01
1352	Gridded	4.31E-05	3.94E-06	7.88E-06	7.20E-07	5.75E-04	5.25E-05	5.75E-04	5.25E-05	5.00E-04	4.57E-05	1.38E-05	1.26E-06	2.30E-03	2.10E-04	2.30E-03	2.10E-04	1.31E-03	1.66E-04	5.75E-04	5.25E-05	1.09E-04	9.98E-06	3.16E-05	2.89E-06	7.48E-05	6.83E-06	4.52E-06	4.52E-06	1.04E+00	1.39E-01	1.44E+00	1.08E-01
1353	Gridded	4.43E-05	6.48E-06	8.28E-06	1.22E-06	5.82E-04	8.45E-05	5.85E-04	8.51E-05	5.29E-04	7.80E-05	1.39E-05	2.02E-06	2.33E-03	3.38E-04	2.37E-03	3.47E-04	1.38E-03	1.62E-04	5.82E-04	8.46E-05	1.10E-04	1.60E-05	3.19E-05	4.63E-06	7.54E-05	1.10E-05	8.90E-06	8.90E-06	2.05E+00	1.52E-01	4.16E+00	2.04E-01
1354	Gridded	1.01E-04	1.48E-05	1.92E-05	2.80E-06	1.31E-03	1.91E-04	1.32E-03	1.93E-04	1.23E-03	1.79E-04	3.13E-05	4.57E-06	5.23E-03	7.65E-04	5.42E-03	7.91E-04	2.56E-03	2.69E-04	1.31E-03	1.92E-04	2.47E-04	3.62E-05	7.16E-05	1.05E-05	1.69E-04	2.48E-05	2.11E-05	2.11E-05	1.24E+00	1.59E-01	3.07E+00	1.91E-01
1355	Gridded	9.05E-05	1.13E-05	1.73E-05	2.28E-06	1.17E-03	1.40E-04	1.18E-03	1.44E-04	1.10E-03	1.48E-04	2.80E-05	3.33E-06	4.68E-03	5.60E-04	4.86E-03	6.14E-04	5.15E-03	5.24E-04	1.17E-03	1.41E-04	2.21E-04	2.64E-05	6.41E-05	7.63E-06	1.51E-04	1.80E-05	2.14E-05	2.14E-05	1.21E+00	1.54E-01	1.53E+00	1.94E-01
1356	Gridded	8.06E-05	9.46E-06	1.68E-05	1.93E-06	1.02E-03	1.16E-04	1.04E-03	1.19E-04	1.10E-03	1.25E-04	2.43E-05	2.74E-06	4.08E-03	4.61E-04	4.34E-03	5.13E-04	6.35E-03	5.65E-04	1.02E-03	1.16E-04	1.92E-04	2.17E-05	5.57E-05	6.28E-06	1.32E-04	1.48E-05	1.87E-05	1.87E-05	7.00E-01	1.07E-01	1.14E+00	1.32E-01
1357	Gridded	7.55E-05	8.24E-06	1.64E-05	1.70E-06	8.69E-04	9.97E-05	9.12E-04	1.03E-04	1.08E-03	1.11E-04	2.04E-05	2.36E-06	3.46E-03	3.97E-04	4.13E-03	4.47E-04	6.50E-03	5.21E-04	8.78E-04	1.00E-04	1.61E-04	1.87E-05	4.67E-05	5.40E-06	1.10E-04	1.28E-05	1.72E-05	1.72E-05	5.58E-01	7.77E-02	7.54E-01	1.05E-01
1358	Gridded	6.93E-05	7.55E-06	1.53E-05	1.57E-06	7.88E-04	9.05E-05	8.31E-04	9.37E-05	1.00E-03	1.02E-04	1.84E-05	2.14E-06	3.13E-03	3.61E-04	3.80E-03	4.11E-04	6.40E-03	4.82E-04	7.98E-04	9.12E-05	1.46E-04	1.69E-05	4.23E-05	4.90E-06	9.99E-05	1.16E-05	1.64E-05	1.64E-05	4.44E-01	6.85E-02	1.29E+00	1.08E-01
1359	Gridded	6.04E-05	5.65E-06	1.34E-05	1.18E-06	6.80E-04	6.75E-05	7.20E-04	7.00E-05	8.85E-04	7.71E-05	1.59E-05	1.59E-06	2.70E-03	2.69E-04	3.32E-03	3.08E-04	5.90E-03	3.75E-04	6.89E-04	6.81E-05	1.26E-04	1.26E-05	3.64E-05	3.65E-06	8.60E-05	8.63E-06	1.24E-05	1.24E-05	4.02E-01	4.48E-02	6.99E-01	7.98E-02
1360	Gridded	5.25E-05	4.61E-06	1.17E-05	9.69E-07	5.88E-04	5.48E-05	6.24E-04	5.69E-05	7.72E-04	6.32E-05	1.37E-05	1.29E-06	2.34E-03	2.18E-04	2.89E-03	2.51E-04	5.24E-03	3.45E-04	5.96E-04	5.53E-05	1.09E-04	1.02E-05	3.15E-05	2.96E-06	7.44E-05	7.01E-06	1.03E-05	1.03E-05	3.64E-01	3.73E-02	5.85E-01	7.29E-02
1361	Gridded	4.58E-05	3.98E-06	1.02E-05	8.41E-07	5.12E-04	4.71E-05	5.43E-04	4.90E-05	6.75E-04	5.49E-05	1.19E-05	1.11E-06	2.03E-03	1.88E-04	2.52E-03	2.17E-04	4.62E-03	3.35E-04	5.19E-04	4.75E-05	9.46E-05	8.79E-06	2.74E-05	2.54E-06	6.47E-05	6.01E-06	9.29E-06	9.29E-06	3.32E-01	3.96E-02	5.55E-01	8.06E-02
1362	Gridded	3.99E-05	3.61E-06	8.94E-06	7.71E-07	4.45E-04	4.22E-05	4.72E-04	4.41E-05	5.90E-04	5.05E-05	1.04E-05	9.93E-07	1.77E-03	1.68E-04	2.19E-03	1.97E-04	4.08E-03	3.18E-04	4.51E-04	4.26E-05	8.21E-05	7.86E-06	2.38E-05	2.27E-06	5.62E-05	5.38E-06	8.82E-06	8.82E-06	3.03E-01	4.05E-02	5.98E-01	8.35E-02
1363	Gridded	3.48E-05	3.57E-06	7.82E-06	7.59E-07	3.87E-04	4.35E-05	4.11E-04	4.45E-05	5.16E-04	4.96E-05	9.02E-06	1.03E-06	1.54E-03	1.73E-04	1.91E-03	1.95E-04	3.61E-03	3.07E-04	3.92E-04	4.37E-05	7.14E-05	8.17E-06	2.07E-05	2.36E-06	4.88E-05	5.59E-06	8.78E-06	8.78E-06	3.53E-01	4.46E-02	7.16E-01	9.26E-02
1364	Gridded	3.27E-05	3.70E-06	7.04E-06	7.42E-07	3.82E-04	4.58E-05	3.98E-04	4.69E-05	4.61E-04	4.80E-05	9.11E-06	1.09E-06	1.53E-03	1.83E-04	1.79E-03	2.00E-04	3.23E-03	3.00E-04	3.84E-04	4.60E-05	7.21E-05	8.60E-06	2.09E-05	2.49E-06	4.93E-05	5.89E-06	8.54E-06	8.54E-06	3.75E-01	4.55E-02	7.79E-01	9.38E-02
1365	Gridded	3.96E-05	4.61E-06	7.67E-06	9.31E-07	5.07E-04	5.69E-05	5.13E-04	5.84E-05	5.03E-04	6.03E-05	1.21E-05	1.35E-06	2.02E-03	2.27E-04	2.13E-03	2.50E-04	2.91E-03	3.01E-04	5.08E-04	5.72E-05	9.57E-05	1.07E-05	2.77E-05	3.09E-06	6.55E-05	7.31E-06	8.79E-06	8.79E-06	4.57E-01	5.32E-02	9.97E-01	1.09E-01
1366	Gridded	3.73E-05	4.09E-06	8.05E-06	8.26E-07	4.44E-04	5.04E-05	4.53E-04	5.17E-05	5.27E-04	5.35E-05	1.06E-05	1.20E-06	1.77E-03	2.01E-04	2.04E-03	2.21E-04	3.04E-03	2.79E-04	4.45E-04	5.07E-05	8.39E-05	9.47E-06	2.43E-05	2.74E-06	5.74E-05	6.48E-06	7.92E-06	7.92E-06	4.11E-01	4.70E-02	9.32E-01	9.47E-02
1367	Gridded	3.80E-05	4.04E-06	8.19E-06	8.17E-07	4.42E-04	4.98E-05	4.62E-04	5.11E-05	5.37E-04	5.29E-05	1.04E-05	1.18E-06	1.76E-03	1.99E-04	2.08E-03	2.19E-04	3.07E-03	2.66E-04	4.46E-04	5.01E-05	8.22E-05	9.34E-06	2.38E-05	2.70E-06	5.62E-05	6.39E-06	7.76E-06	7.76E-06	4.12E-01	4.63E-02	9.97E-01	9.21E-02
1368	Gridded	3.78E-05	3.50E-06	8.12E-06	7.06E-07	4.40E-04	4.31E-05	4.60E-04	4.42E-05	5.32E-04	4.58E-05	1.03E-05	1.02E-06	1.75E-03	1.72E-04	2.06E-03	1.89E-04	3.01E-03	2.46E-04	4.44E-04	4.33E-05	8.18E-05	8.09E-06	2.37E-05	2.34E-06	5.60E-05	5.53E-06	6.96E-06	6.96E-06	3.79E-01	4.23E-02	9.99E-01	8.33E-02
1369	Gridded	3.69E-05	2.27E-06	7.92E-06	5.01E-07	4.31E-04	2.68E-05	4.50E-04	2.74E-05	5.19E-04	3.30E-05	1.01E-05	6.35E-07	1.71E-03	1.07E-04	2.02E-03	1.25E-04	2.91E-03	2.12E-04	4.35E-04	2.69E-05	8.01E-05	5.03E-06	2.32E-05	1.46E-06	5.48E-05	3.44E-06	6.02E-06	6.02E-06	2.77E-01	3.16E-02	7.95E-01	6.19E-02
1370	Gridded	3.58E-05	2.39E-06	7.68E-06	4.86E-07	4.19E-04	2.97E-05	4.37E-04	3.04E-05	5.03E-04	3.20E-05	9.84E-06	7.04E-07	1.67E-03	1.18E-04	1.96E-03	1.29E-04	2.79E-03	2.07E-04	4.23E-04	2.98E-05	7.79E-05	5.57E-06	2.25E-05	1.61E-06	5.33E-05	3.81E-06	5.86E-06	5.86E-06	3.63E-01	3.78E-02	9.84E-01	7.35E-02
1371	Gridded	3.43E-05	2.44E-06	7.35E-06	4.88E-07	4.02E-04	3.03E-05	4.20E-04	3.10E-05	4.81E-04	3.15E-05	9.45E-06	7.20E-07	1.60E-03	1.21E-04	1.88E-03	1.32E-04	2.65E-03	1.98E-04	4.06E-04	3.05E-05	7.48E-05	5.70E-06	2.16E-05	1.65E-06	5.12E-05	3.90E-06	5.59E-06	5.59E-06	4.24E-01	4.22E-02	1.10E+00	8.17E-02
1372	Gridded	3.24E-05	2.57E-06	6.92E-06	5.11E-07	3.79E-04	3.20E-05	3.96E-04	3.27E-05	4.53E-04	3.30E-05	8.91E-06	7.61E-07	1.51E-03	1.28E-04	1.77E-03	1.39E-04	2.49E-03	1.91E-04	3.83E-04	3.22E-05	7.05E-05	6.03E-06	2.04E-05	1.74E-06	4.83E-05	4.12E-06	5.56E-06	5.56E-06	4.77E-01	4.66E-02	1.21E+00	9.15E-02
1373	Gridded	3.05E-05	2.81E-06	6.37E-06	5.83E-07	3.81E-04	3.50E-05	3.89E-04	3.58E-05	4.17E-04	3.82E-05	9.06E-06	8.31E-07	1.52E-03	1.40E-04	1.64E-03	1.52E-04	2.28E-03	2.09E-04	3.83E-04	3.51E-05	7.17E-05	6.58E-06	2.08E-05	1.90E-06	4.91E-05	4.50E-06	6.49E-06	6.49E-06	5.18E-01	4.92E-02	1.24E+00	9.59E-02
1374	Gridded	3.32E-05	3.34E-06	6.59E-06	7.15E-07	4.15E-04	3.91E-05	4.23E-04	4.08E-05	4.26E-04	4.68E-05	9.85E-06	9.19E-07	1.65E-03	1.56E-04	1.79E-03	1.82E-04	2.05E-03	2.57E-04	4.16E-04	3.95E-05	7.80E-05	7.28E-06	2.26E-05	2.11E-06	5.34E-05	4.98E-06	7.96E-06	7.96E-06	5.24E-01	4.83E-02	1.14E+00	9.04E-02
1375	Gridded	3.79E-05	4.70E-06	7.57E-06	1.01E-06	4.75E-04	5.48E-05	4.82E-04	5.72E-05	4.89E-04	6.61E-05	1.14E-05	1.29E-06	1.90E-03	2.18E-04	2.05E-03	2.57E-04	2.15E-03	3.72E-04	4.76E-04	5.53E-05	9.01E-05	1.02E-05	2.61E-05	2.95E-06	6.16E-05	6.97E-06	1.14E-05	1.14E-05	5.27E-01	4.82E-02	1.06E+00	8.71E-02
1376	Gridded	2.80E-05	3.40E-06	5.19E-06	7.29E-07	3.69E-04	3.97E-05	3.70E-04	4.15E-05	3.30E-04	4.77E-05	8.85E-06	9.33E-07	1.48E-03	1.58E-04	1.50E-03	1.86E-04	1.52E-03	2.65E-04	3.69E-04	4.01E-05	7.00E-05	7.39E-06	2.03E-05	2.14E-06	4.79E-05	5.06E-06	8.16E-06	8.16E-06	4.32E-01	3.81E-02	8.23E-01	6.69E-02
1377	Gridded	2.85E-05	3.37E-06	5.25E-06	7.22E-07	3.77E-04	3.94E-05	3.78E-04	4.12E-05	3.34E-04	4.73E-05	9.05E-06	9.27E-07	1.51E-03	1.57E-04	1.52E-03	1.84E-04	1.42E-03	2.61E-04	3.77E-04	3.98E-05	7.16E-05	7.34E-06	2.07E-05	2.13E-06	4.90E-05	5.02E-06	8.08E-06	8.08E-06	3.90E-01	3.47E-02	6.90E-01	5.88E-02
1378	Gridded	3.59E-05	4.52E-06	7.76E-06	9.67E-07	4.15E-04	5.28E-05	4.35E-04	5.52E-05	5.09E-04	6.33E-05	9.74E-06	1.24E-06	1.65E-03	2.10E-04	1.96E-03	2.47E-04	2.98E-03	3.58E-04	4.19E-04	5.33E-05	7.71E-05	9.83E-06	2.23E-05	2.85E-06	5.28E-05	6.73E-06	1.08E-05	1.08E-05	3.68E-01	7.61E-02	9.17E-01	1.43E-01
1379	Gridded	3.12E-05	4.26E-06	6.67E-06	9.11E-07	3.64E-04	4.99E-05	3.81E-04	5.21E-05	4.37E-04	5.96E-05	8.57E-06	1.17E-06	1.45E-03	1.99E-04	1.70E-03	2.33E-04	2.50E-03	3.44E-04	3.68E-04	5.03E-05	6.78E-05	9.28E-06	1.96E-05	2.69E-06	4.64E-05	6.35E-06	1.01E-05	1.01E-05	3.63E-01	7.31E-02	9.68E-01	1.33E-01
1380	Gridded	2.85E-05	4.13E-06	6.05E-06	8.83E-07	3.36E-04	4.84E-05	3.50E-04	5.05E-05	3.95E-04	5.78E-05	7.91E-06	1.14E-06	1.34E-03	1.93E-04	1.55E-03	2.26E-04	2.22E-03	3.39E-04	3.39E-04	4.89E-05	6.26E-05	9.02E-06	1.81E-05	2.61E-06	4.28E-05	6.17E-06	9.81E-06	9.81E-06	3.68E-01	7.01E-02	9.91E-01	1.24E-01
1381	Gridded	3.36E-05	4.51E-06	7.12E-06	9.63E-07	3.97E-04	5.28E-05	4.13E-04	5.51E-05	4.66E-04	6.30E-05	9.36E-06	1.24E-06	1.58E-03	2.10E-04	1.83E-03	2.46E-04	2.61E-03	3.76E-04	4.01E-04	5.33E-05	7.41E-05	9.83E-06	2.15E-05	2.85E-06	5.07E-05	6.73E-06	1.09E-05	1.09E-05	4.18E-01	7.51E-02	1.08E+00	1.38E-01
1382	Gridded	3.34E-05	4.55E-06	7.13E-06	9.72E-07	3.93E-04	5.33E-05	4.10E-04	5.57E-05	4.66E-04	6.36E-05	9.28E-06	1.25E-06	1.57E-03	2.12E-04	1.83E-03	2.49E-04	2.51E-03	3.86E-04	3.97E-04	5.39E-05	7.35E-05	9.93E-06	2.13E-05	2.88E-06	5.03E-05	6.80E-06	1.12E-05	1.12E-05	4.37E-01	7.77E-02	1.07E+00	1.40E-01
1383	Gridded	2.87E-05	4.30E-06	6.05E-06	9.30E-07	3.40E-04	5.04E-05	3.53E-04	5.26E-05	3.95E-04	6.10E-05	8.01E-06	1.19E-06	1.35E-03	2.01E-04	1.56E-03	2.35E-04	4.52E-03	3.70E-04	3.43E-04	5.09E-05	6.34E-05	9.39E-06	1.83E-05	2.72E-06	4.34E-05	6.43E-06	1.09E-05	1.09E-05	4.26E-01	7.44E-02	9.80E-01	1.31E-01
1384	Gridded	2.36E-05	4.13E-06	4.94E-06	8.97E-07	2.83E-04	4.76E-05	2.93E-04	4.99E-05	3.22E-04	5.88E-05	6.67E-06	1.12E-06	1.13E-03	1.89E-04	1.29E-03	2.26E-04	5.50E-03	3.51E-04	2.85E-04	4.81E-05	5.28E-05	8.83E-06	1.53E-05	2.56E-06	3.61E-05	6.04E-06	1.04E-05	1.04E-05	4.09E-01	6.95E-02	8.52E-01	1.19E-01
1385	Gridded	1.91E-05	3.93E-06	4.03E-06	8.51E-07	2.26E-04	4.54E-05	2.35E-04	4.76E-05	2.63E-04	5.58E-05	5.32E-06	1.07E-06	8.99E-04	1.81E-04	1.04E-03	2.15E-04	3.36E-03	3.28E-04	2.28E-04	4.59E-05	4.21E-05	8.44E-06	1.22E-05	2.44E-06	2.88E-05	5.77E-06	9.79E-06	9.79E-06	3.68E-01	6.29E-02	6.59E-01	1.04E-01
1386	Gridded	1.75E-05	3.58E-06	3.79E-06	7.71E-07	2.03E-04	4.17E-05	2.13E-04	4.36E-05	2.48E-04	5.05E-05	4.77E-06	9.79E-07	8.08E-04	1.66E-04	9.59E-04	1.96E-04	1.44E-03	2.92E-04	2.05E-04	4.21E-05	3.77E-05	7.75E-06	1.09E-05	2.24E-06	2.58E-05	5.30E-06	8.79E-06	8.79E-06	2.87E-01	5.25E-02	5.15E-01	8.23E-02
1387	Gridded	1.86E-05	3.58E-06	4.02E-06	7.73E-07	2.16E-04	4.16E-05	2.27E-04	4.36E-05	2.63E-04	5.07E-05	5.08E-06	9.77E-07	8.61E-04	1.66E-04	1.02E-03	1.96E-04	1.64E-03	2.92E-04	2.19E-04	4.21E-05	4.02E-05	7.74E-06	1.16E-05	2.24E-06	2.75E-05	5.29E-06	8.81E-06	8.81E-06	2.46E-01	4.84E-02	6.00E-01	7.99E-02
1388	Gridded	2.16E-05	3.65E-06	4.74E-06	7.89E-07	2.47E-04	4.22E-05	2.60E-04	4.43E-05	3.11E-04	5.17E-05	5.80E-06	9.92E-07	9.84E-04	1.68E-04	1.19E-03	2.00E-04	1.93E-03	3.02E-04	2.50E-04	4.27E-05	4.59E-05	7.85E-06	1.33E-05	2.27E-06	3.14E-05	5.37E-06	9.04E-06	9.04E-06	2.67E-01	5.09E-02	6.20E-01	8.00E-02
1389	Gridded	2.54E-05	3.69E-06	5.52E-06	8.00E-07	2.92E-04	4.26E-05	3.07E-04	4.46E-05	3.62E-04	5.25E-05	6.85E-06	9.99E-07	1.16E-03	1.69E-04	1.39E-03	2.02E-04	2.17E-03	3.11E-04	2.96E-04	4.30E-05	5.43E-05	7.91E-06	1.57E-05	2.29E-06	3.71E-05	5.41E-06	9.23E-06	9.23E-06	2.63E-01	5.21E-02	5.92E-01	7.70E-02
1390	Gridded	2.95E-05	3.85E-06	6.37E-06	8.38E-07	3.42E-04	4.44E-05	3.58E-04	4.66E-05	4.17E-04	5.50E-05	8.04E-06	1.04E-06	1.36E-03	1.77E-04	1.61E-03	2.11E-04	2.41E-03	3.29E-04	3.46E-04	4.49E-05	6.36E-05	8.24E-06	1.84E-05	2.39E-06	4.35E-05	5.64E-06	9.72E-06	9.72E-06	2.67E-01	5.50E-02	5.87E-01	7.60E-02
1391	Gridded	3.58E-05	4.52E-06	7.70E-06	9.78E-07	4.18E-04	5.29E-05	4.37E-04	5.52E-05	5.04E-04	6.41E-05	9.82E-06	1.24E-06	1.66E-03	2.10E-04	1.96E-03	2.47E-04	2.84E-03	3.82E-04	4.22E-04	5.34E-05	7.77E-05	9.84E-06	2.25E-05	2.85E-06	5.32E-05	6.73E-06	1.13E-05	1.13E-05	4.08E-01	6.83E-02	9.12E-01	8.83E-02
1392	Gridded	3.87E-05	4.77E-06	8.27E-06	1.04E-06	4.54E-04	5.50E-05	4.73E-04	5.77E-05	5.41E-04	6.80E-05	1.07E-05	1.29E-06	1.81E-03	2.19E-04	2.11E-03	2.61E-04	2.96E-03	4.12E-04	4.58E-04	5.56E-05	8.44E-05	1.02E-05	2.44E-05	2.95E-06	5.78E-05	6.98E-06	1.20E-05	1.20E-05	4.15E-01	7.08E-02	8.63E-01	9.24E-02
1393	Gridded	4.03E-05	5.33E-06	8.58E-06	1.16E-06	4.74E-04	6.12E-05	4.94E-04	6.43E-05	5.61E-04	7.62E-05	1.12E-05	1.44E-06	1.89E-03	2.44E-04	2.20E-03	2.92E-04	3.00E-03	4.62E-04	4.78E-04	6.19E-05	8.83E-05	1.14E-05	2.56E-05	3.29E-06	6.04E-05	7.78E-06	1.35E-05	1.35E-05	4.73E-01	7.48E-02	9.37E-01	1.10E-01
1394	Gridded	3.58E-05	5.16E-06	7.59E-06	1.13E-06	4.23E-04	5.92E-05	4.40E-04	6.22E-05	4.96E-04	7.39E-05	9.96E-06	1.39E-06	1.68E-03	2.35E-04	1.95E-03	2.83E-04	2.58E-03	4.52E-04	4.27E-04	5.98E-05	7.89E-05	1.10E-05	2.28E-05	3.18E-06	5.40E-05	7.52E-06	1.32E-05	1.32E-05	4.25E-01	6.95E-02	7.86E-01	9.47E-02
1395	Gridded	3.70E-05	6.32E-06	7.87E-06	1.34E-06	4.36E-04	7.48E-05	4.54E-04	7.78E-05	5.14E-04	8.72E-05	1.03E-05	1.76E-06	1.74E-03	2.98E-04	2.02E-03	3.45E-04	2.73E-03	4.70E-04	4.40E-04	7.55E-05	8.12E-05	1.40E-05	2.35E-05	4.04E-06	5.56E-05	9.55E-06	1.44E-05	1.44E-05	3.90E-01	6.61E-02	6.93E-01	9.37E-02
1396	Gridded	4.53E-05	8.48E-06	9.38E-06	1.79E-06	5.45E-04	1.01E-04	5.64E-04	1.05E-04	6.11E-04	1.16E-04	1.29E-05	2.38E-06	2.17E-03	4.02E-04	2.46E-03	4.62E-04	3.16E-03	5.80E-04	5.49E-04	1.02E-04	1.02E-04	1.88E-05	2.95E-05	5.45E-06	6.98E-05	1.29E-05	1.91E-05	1.91E-05	4.50E-01	7.29E-02	8.63E-01	1.55E-01
1397	Gridded	5.26E-05	1.07E-05	1.10E-05	2.24E-06	6.29E-04	1.27E-04	6.51E-04	1.32E-04	7.16E-04	1.46E-04	1.48E-05	2.99E-06	2.50E-03	5.05E-04	2.86E-03	5.81E-04	3.62E-03	7.27E-04	6.34E-04	1.28E-04	1.17E-04	2.37E-05	3.40E-05	6.85E-06	8.04E-05	1.62E-05	2.39E-05	2.39E-05	5.47E-01	8.95E-02	1.01E+00	1.31E-01
1398	Gridded	5.98E-05	1.09E-05	1.23E-05	2.30E-06	7.27E-04	1.28E-04	7.49E-04	1.33E-04	8.08E-04	1.51E-04	1.72E-05	3.02E-06	2.90E-03	5.10E-04	3.25E-03	5.92E-04	4.47E-03	7.87E-04	7.32E-04	1.29E-04	1.36E-04	2.39E-05	3.94E-05	6.92E-06	9.32E-05	1.64E-05	2.51E-05	2.51E-05	5.93E-01	1.06E-01	7.95E-01	1.69E-01
1399	Gridded	7.32E-05	1.03E-05	1.44E-05	2.18E-06	9.24E-04	1.22E-04	9.40E-04	1.27E-04	9.26E-04	1.42E-04	2.20E-05	2.87E-06	3.69E-03	4.84E-04	3.94E-03	5.61E-04	4.27E-03	7.38E-04	9.27E-04	1.23E-04	1.74E-04	2.27E-05	5.04E-05	6.57E-06	1.19E-04	1.55E-05	2.36E-05	2.36E-05	6.45E-01	1.27E-01	9.09E-01	2.30E-01
1400	Gridded	6.18E-05	1.16E-05	1.26E-05	2.41E-06	7.54E-04	1.41E-04	7.77E-04	1.45E-04	8.21E-04	1.58E-04	1.79E-05	3.33E-06	3.01E-03	5.61E-04	3.35E-03	6.30E-04	3.81E-03	9.22E-04	7.59E-04	1.42E-04	1.41E-04	2.63E-05	4.09E-05	7.62E-06	9.67E-05	1.80E-05	2.76E-05	2.76E-05	7.31E-01	2.28E-01	9.74E-01	2.64E-01
1401	Gridded	7.08E-05	1.17E-05	1.37E-05	2.56E-06	9.05E-04	1.35E-04	9.17E-04	1.42E-04	8.79E-04	1.68E-04	2.16E-05	3.16E-06	3.61E-03	5.36E-04	3.81E-03	6.42E-04	4.01E-03	1.04E-03	9.07E-04	1.36E-04	1.71E-04	2.50E-05	4.94E-05	7.24E-06	1.17E-04	1.71E-05	2.98E-05	2.98E-05	8.54E-01	1.62E-01	1.47E+00	1.95E-01
1402	Gridded	8.57E-05	1.34E-05	1.59E-05	2.65E-06	1.13E-03	1.70E-04	1.13E-03	1.71E-04	1.02E-03	1.71E-04	2.70E-05	4.06E-06	4.51E-03	6.79E-04	4.58E-03	7.22E-04	3.91E-03	6.38E-04	1.13E-03	1.70E-04	2.14E-04	3.22E-05	6.20E-05	9.31E-06	1.46E-04	2.20E-05	2.34E-05	2.34E-05	9.65E-01	3.03E-01	9.42E-01	2.87E-01
1403	Gridded	5.78E-05	7.23E-06	1.13E-05	1.35E-06	7.50E-04	9.49E-05	7.56E-04	9.54E-05	7.35E-04	8.59E-05	1.79E-05	2.27E-06	3.00E-03	3.79E-04	3.10E-03	3.87E-04	3.70E-03	5.57E-04	7.51E-04	9.50E-05	1.42E-04	1.80E-05	4.11E-05	5.21E-06	9.71E-05	1.23E-05	1.43E-05	1.43E-05	1.13E+00	2.01E-01	1.00E+00	2.00E-01
1404	Gridded	5.45E-05	6.39E-06	1.09E-05	1.22E-06	6.87E-04	8.23E-05	6.99E-04	8.32E-05	7.06E-04	7.86E-05	1.64E-05	1.97E-06	2.74E-03	3.29E-04	2.95E-03	3.43E-04	2.89E-03	2.46E-04	6.90E-04	8.25E-05	1.30E-04	1.56E-05	3.75E-05	4.50E-06	8.86E-05	1.06E-05	1.08E-05	1.08E-05	8.25E-01	1.78E-01	1.32E+00	1.63E-01
1405	Gridded	5.24E-05	1.08E-05	1.09E-05	2.22E-06	6.36E-04	1.32E-04	6.56E-04	1.36E-04	7.09E-04	1.44E-04	1.51E-05	3.13E-06	2.54E-03	5.27E-04	2.85E-03	5.88E-04	3.23E-03	5.85E-04	6.41E-04	1.33E-04	1.19E-04	2.48E-05	3.45E-05	7.17E-06	8.15E-05	1.70E-05	2.18E-05	2.18E-05	1.69E+00	1.32E-01	2.62E+00	1.47E-01
1406	Gridded	6.30E-05	9.39E-06	1.36E-05	2.06E-06	7.55E-04	1.07E-04	7.65E-04	1.13E-04	8.92E-04	1.35E-04	1.81E-05	2.51E-06	3.02E-03	4.26E-04	3.44E-03	5.15E-04	5.17E-03	8.51E-04	7.56E-04	1.08E-04	1.43E-04	1.99E-05	4.14E-05	5.75E-06	9.79E-05	1.36E-05	2.45E-05	2.45E-05	1.25E+00	2.10E-01	6.05E+00	2.72E-01
1407	Gridded	7.04E-05	7.67E-06	1.54E-05	1.68E-06	8.04E-04	8.77E-05	8.46E-04	9.23E-05	1.01E-03	1.10E-04	1.91E-05	2.05E-06	3.20E-03	3.49E-04	3.86E-03	4.21E-04	6.34E-03	6.89E-04	8.13E-04	8.87E-05	1.51E-04	1.63E-05	4.38E-05	4.71E-06	1.04E-04	1.11E-05	1.99E-05	1.99E-05	9.17E-01	8.94E-02	1.38E+00	1.28E-01
1408	Gridded	7.13E-05	6.56E-06	1.42E-05	1.45E-06	8.87E-04	7.44E-05	9.07E-04	7.85E-05	9.19E-04	9.53E-05	2.11E-05	1.74E-06	3.54E-03	2.96E-04	3.85E-03	3.60E-04	5.64E-03	6.16E-04	8.92E-04	7.53E-05	1.67E-04	1.38E-05	4.83E-05	3.99E-06	1.14E-04	9.43E-06	1.74E-05	1.74E-05	7.82E-01	1.01E-01	1.61E+00	1.16E-01

Scenario 1 Results

1409	Gridded	5.90E-05	6.08E-06	1.33E-05	1.29E-06	7.09E-04	7.19E-05	7.33E-04	7.48E-05	8.74E-04	8.42E-05	1.67E-05	1.69E-06	2.82E-03	2.86E-04	3.24E-03	3.32E-04	6.10E-03	5.41E-04	7.14E-04	7.25E-05	1.33E-04	1.34E-05	3.84E-05	3.88E-06	9.07E-05	9.17E-06	1.54E-05	1.54E-05	8.51E-01	1.26E-01	1.30E+00	1.66E-01
1410	Gridded	5.59E-05	5.24E-06	1.26E-05	1.11E-06	6.22E-04	6.20E-05	6.61E-04	6.45E-05	8.29E-04	7.22E-05	1.45E-05	1.46E-06	2.47E-03	2.47E-04	3.08E-03	2.85E-04	5.79E-03	4.14E-04	6.31E-04	6.26E-05	1.15E-04	1.16E-05	3.33E-05	3.35E-06	7.86E-05	7.92E-06	1.19E-05	1.19E-05	4.29E-01	9.55E-02	9.08E-01	1.44E-01
1411	Gridded	5.05E-05	4.48E-06	1.14E-05	9.47E-07	5.62E-04	5.31E-05	5.97E-04	5.52E-05	7.50E-04	6.18E-05	1.31E-05	1.25E-06	2.23E-03	2.12E-04	2.78E-03	2.44E-04	5.23E-03	3.76E-04	5.70E-04	5.36E-05	1.04E-04	9.91E-06	3.00E-05	2.87E-06	7.10E-05	6.78E-06	1.04E-05	1.04E-05	4.07E-01	6.43E-02	7.41E-01	1.04E-01
1412	Gridded	4.46E-05	3.82E-06	1.00E-05	8.07E-07	5.01E-04	4.52E-05	5.28E-04	4.70E-05	6.62E-04	5.27E-05	1.17E-05	1.07E-06	1.99E-03	1.80E-04	2.46E-03	2.08E-04	4.61E-03	3.34E-04	5.07E-04	4.56E-05	9.28E-05	8.43E-06	2.69E-05	2.44E-06	6.35E-05	5.77E-06	9.21E-06	9.21E-06	3.79E-01	4.71E-02	6.47E-01	9.07E-02
1413	Gridded	4.28E-05	3.71E-06	9.42E-06	7.91E-07	4.87E-04	4.36E-05	5.14E-04	4.54E-05	6.19E-04	5.18E-05	1.14E-05	1.02E-06	1.94E-03	1.73E-04	2.35E-03	2.03E-04	4.05E-03	2.97E-04	4.93E-04	4.40E-05	9.03E-05	8.11E-06	2.61E-05	2.35E-06	6.18E-05	5.55E-06	8.75E-06	8.75E-06	3.40E-01	4.45E-02	5.37E-01	8.94E-02
1414	Gridded	4.20E-05	3.52E-06	9.24E-06	7.52E-07	4.79E-04	4.12E-05	5.05E-04	4.30E-05	6.08E-04	4.92E-05	1.12E-05	9.68E-07	1.90E-03	1.64E-04	2.31E-03	1.92E-04	3.84E-03	2.70E-04	4.85E-04	4.16E-05	8.87E-05	7.67E-06	2.57E-05	2.22E-06	6.07E-05	5.25E-06	8.37E-06	8.37E-06	3.01E-01	4.05E-02	5.14E-01	8.13E-02
1415	Gridded	4.16E-05	3.41E-06	9.13E-06	7.29E-07	4.74E-04	3.99E-05	4.99E-04	4.17E-05	6.00E-04	4.77E-05	1.11E-05	9.39E-07	1.89E-03	1.59E-04	2.28E-03	1.86E-04	3.77E-03	2.61E-04	4.80E-04	4.03E-05	8.79E-05	7.43E-06	2.54E-05	2.15E-06	6.01E-05	5.08E-06	8.12E-06	8.12E-06	3.47E-01	3.95E-02	6.36E-01	7.84E-02
1416	Gridded	4.09E-05	3.15E-06	8.97E-06	6.75E-07	4.68E-04	3.68E-05	4.92E-04	3.85E-05	5.90E-04	4.42E-05	1.10E-05	8.65E-07	1.86E-03	1.47E-04	2.24E-03	1.72E-04	3.68E-03	2.54E-04	4.73E-04	3.72E-05	8.67E-05	6.85E-06	2.51E-05	1.98E-06	5.93E-05	4.69E-06	7.55E-06	7.55E-06	3.87E-01	3.75E-02	5.98E-01	6.36E-02
1417	Gridded	4.01E-05	3.19E-06	8.77E-06	6.94E-07	4.59E-04	3.67E-05	4.83E-04	3.86E-05	5.76E-04	4.56E-05	1.08E-05	8.61E-07	1.83E-03	1.46E-04	2.20E-03	1.75E-04	3.56E-03	2.74E-04	4.64E-04	3.71E-05	8.52E-05	6.81E-06	2.47E-05	1.97E-06	5.83E-05	4.66E-06	8.08E-06	8.08E-06	4.07E-01	3.88E-02	5.57E-01	6.47E-02
1418	Gridded	3.90E-05	3.11E-06	8.52E-06	6.79E-07	4.48E-04	3.58E-05	4.71E-04	3.76E-05	5.59E-04	4.46E-05	1.05E-05	8.39E-07	1.78E-03	1.42E-04	2.14E-03	1.71E-04	3.42E-03	2.70E-04	4.53E-04	3.62E-05	8.31E-05	6.64E-06	2.40E-05	1.92E-06	5.68E-05	4.55E-06	7.93E-06	7.93E-06	4.00E-01	3.72E-02	5.11E-01	6.15E-02
1419	Gridded	3.77E-05	2.57E-06	8.21E-06	5.58E-07	4.33E-04	2.95E-05	4.55E-04	3.10E-05	5.39E-04	3.66E-05	1.02E-05	6.92E-07	1.72E-03	1.17E-04	2.06E-03	1.40E-04	3.26E-03	2.20E-04	4.38E-04	2.99E-05	8.04E-05	5.48E-06	2.33E-05	1.59E-06	5.50E-05	3.75E-06	6.49E-06	6.49E-06	3.50E-01	3.00E-02	3.94E-01	4.90E-02
1420	Gridded	3.62E-05	2.07E-06	7.87E-06	4.49E-07	4.17E-04	2.38E-05	4.37E-04	2.50E-05	5.16E-04	2.95E-05	9.77E-06	5.59E-07	1.66E-03	9.49E-05	1.98E-03	1.13E-04	3.10E-03	1.76E-04	4.21E-04	2.41E-05	7.73E-05	4.43E-06	2.24E-05	1.28E-06	5.29E-05	3.03E-06	5.20E-06	5.20E-06	3.13E-01	2.35E-02	3.59E-01	3.78E-02
1421	Gridded	3.45E-05	2.25E-06	7.49E-06	4.89E-07	3.98E-04	2.58E-05	4.18E-04	2.71E-05	4.92E-04	3.21E-05	9.34E-06	6.05E-07	1.58E-03	1.03E-04	1.89E-03	1.23E-04	2.98E-03	1.95E-04	4.02E-04	2.61E-05	7.39E-05	4.79E-06	2.14E-05	1.39E-06	5.06E-05	3.28E-06	5.71E-06	5.71E-06	3.56E-01	2.46E-02	3.99E-01	3.91E-02
1422	Gridded	3.26E-05	2.29E-06	7.07E-06	4.99E-07	3.77E-04	2.63E-05	3.95E-04	2.76E-05	4.64E-04	3.28E-05	8.85E-06	6.16E-07	1.50E-03	1.04E-04	1.79E-03	1.25E-04	2.93E-03	2.00E-04	3.81E-04	2.66E-05	7.00E-05	4.87E-06	2.03E-05	1.41E-06	4.79E-05	3.33E-06	5.84E-06	5.84E-06	3.93E-01	2.50E-02	4.38E-01	3.77E-02
1423	Gridded	3.04E-05	2.42E-06	6.57E-06	5.28E-07	3.51E-04	2.77E-05	3.68E-04	2.92E-05	4.31E-04	3.47E-05	8.25E-06	6.50E-07	1.40E-03	1.10E-04	1.66E-03	1.32E-04	2.83E-03	2.12E-04	3.55E-04	2.81E-05	6.53E-05	5.15E-06	1.89E-05	1.49E-06	4.47E-05	3.52E-06	6.19E-06	6.19E-06	4.53E-01	2.78E-02	4.71E-01	3.72E-02
1424	Gridded	2.76E-05	3.45E-06	5.97E-06	7.59E-07	3.20E-04	3.93E-05	3.36E-04	4.14E-05	3.91E-04	4.99E-05	7.52E-06	9.20E-07	1.28E-03	1.56E-04	1.51E-03	1.89E-04	2.66E-03	3.16E-04	3.24E-04	3.98E-05	5.96E-05	7.28E-06	1.72E-05	2.11E-06	4.08E-05	4.98E-06	9.05E-06	9.05E-06	5.13E-01	3.10E-02	5.68E-01	4.69E-02
1425	Gridded	4.51E-05	6.41E-06	8.71E-06	1.43E-06	5.92E-04	7.18E-05	5.95E-04	7.62E-05	5.70E-04	9.45E-05	1.42E-05	1.68E-06	2.36E-03	2.85E-04	2.41E-03	3.53E-04	3.14E-03	6.43E-04	5.92E-04	7.28E-05	1.12E-04	1.33E-05	3.25E-05	3.84E-06	7.67E-05	9.08E-06	1.77E-05	1.77E-05	5.18E-01	4.73E-02	6.07E-01	6.96E-02
1426	Gridded	5.31E-05	7.25E-06	9.85E-06	1.63E-06	7.00E-04	8.08E-05	7.03E-04	8.58E-05	6.43E-04	1.08E-04	1.68E-05	1.88E-06	2.80E-03	3.21E-04	2.84E-03	3.99E-04	3.69E-03	7.49E-04	7.01E-04	8.19E-05	1.33E-04	1.49E-05	3.85E-05	4.32E-06	9.09E-05	1.02E-05	2.04E-05	2.04E-05	4.19E-01	4.79E-02	5.47E-01	6.94E-02
1427	Gridded	3.25E-05	3.85E-06	5.99E-06	8.53E-07	4.30E-04	4.36E-05	4.31E-04	4.60E-05	3.81E-04	5.61E-05	1.03E-05	1.02E-06	1.72E-03	1.73E-04	1.74E-03	2.12E-04	2.17E-03	3.66E-04	4.31E-04	4.41E-05	8.17E-05	8.07E-06	2.37E-05	2.33E-06	5.59E-05	5.52E-06	1.03E-05	1.03E-05	2.76E-01	2.76E-02	4.91E-01	4.00E-02
1428	Gridded	3.06E-05	3.52E-06	5.63E-06	7.75E-07	4.07E-04	4.01E-05	4.07E-04	4.22E-05	3.58E-04	5.10E-05	9.75E-06	9.38E-07	1.63E-03	1.59E-04	1.64E-03	1.93E-04	2.06E-03	3.24E-04	4.07E-04	4.05E-05	7.72E-05	7.42E-06	2.23E-05	2.15E-06	5.28E-05	5.08E-06	9.26E-06	9.26E-06	2.28E-01	2.37E-02	4.72E-01	3.34E-02
1429	Gridded	3.53E-05	4.11E-06	7.60E-06	8.84E-07	4.12E-04	4.78E-05	4.30E-04	5.00E-05	4.98E-04	5.79E-05	9.69E-06	1.12E-06	1.64E-03	1.90E-04	1.93E-03	2.25E-04	3.45E-03	3.73E-04	4.16E-04	4.83E-05	7.67E-05	8.90E-06	2.22E-05	2.58E-06	5.25E-05	6.09E-06	9.99E-06	9.99E-06	4.02E-01	6.24E-02	1.04E+00	1.08E-01
1430	Gridded	3.11E-05	3.53E-06	6.62E-06	7.55E-07	3.65E-04	4.14E-05	3.80E-04	4.32E-05	4.33E-04	4.94E-05	8.58E-06	9.72E-07	1.45E-03	1.65E-04	1.70E-03	1.93E-04	2.76E-03	3.05E-04	3.68E-04	4.18E-05	6.79E-05	7.70E-06	1.97E-05	2.23E-06	4.65E-05	5.27E-06	8.46E-06	8.46E-06	4.14E-01	5.94E-02	9.95E-01	1.00E-01
1431	Gridded	2.47E-05	3.19E-06	5.20E-06	6.79E-07	2.93E-04	3.75E-05	3.04E-04	3.91E-05	3.40E-04	4.45E-05	6.89E-06	8.82E-07	1.17E-03	1.49E-04	1.34E-03	1.74E-04	1.94E-03	2.78E-04	2.95E-04	3.78E-05	5.46E-05	6.98E-06	1.58E-05	2.02E-06	3.73E-05	4.78E-06	8.02E-06	8.02E-06	4.02E-01	5.24E-02	8.65E-01	8.48E-02
1432	Gridded	2.56E-05	3.68E-06	5.37E-06	8.03E-07	3.04E-04	4.22E-05	3.16E-04	4.44E-05	3.50E-04	5.27E-05	7.18E-06	9.90E-07	1.21E-03	1.68E-04	1.39E-03	2.02E-04	1.83E-03	3.21E-04	3.07E-04	4.27E-05	5.68E-05	7.84E-06	1.65E-05	2.27E-06	3.89E-05	5.36E-06	9.39E-06	9.39E-06	4.03E-01	5.23E-02	7.69E-01	8.22E-02
1433	Gridded	2.34E-05	3.98E-06	4.88E-06	8.63E-07	2.81E-04	4.60E-05	2.91E-04	4.82E-05	3.18E-04	5.66E-05	6.62E-06	1.08E-06	1.12E-03	1.83E-04	1.27E-03	2.18E-04	3.12E-03	3.35E-04	2.83E-04	4.65E-05	5.24E-05	8.54E-06	1.52E-05	2.47E-06	3.59E-05	5.84E-06	9.96E-06	9.96E-06	3.65E-01	4.93E-02	6.06E-01	7.54E-02
1434	Gridded	2.77E-05	5.22E-06	5.91E-06	1.13E-06	3.25E-04	6.04E-05	3.39E-04	6.33E-05	3.87E-04	7.39E-05	7.65E-06	1.42E-06	1.29E-03	2.40E-04	1.51E-03	2.85E-04	5.41E-03	4.30E-04	3.28E-04	6.11E-05	6.05E-05	1.12E-05	1.75E-05	3.25E-06	4.14E-05	7.68E-06	1.29E-05	1.29E-05	3.85E-01	5.28E-02	6.53E-01	9.19E-02
1435	Gridded	2.79E-05	5.28E-06	5.90E-06	1.13E-06	3.32E-04	6.15E-05	3.45E-04	6.43E-05	3.85E-04	7.43E-05	7.84E-06	1.44E-06	1.32E-03	2.45E-04	1.52E-03	2.88E-04	3.94E-03	4.20E-04	3.35E-04	6.21E-05	6.21E-05	1.14E-05	1.80E-05	3.31E-06	4.25E-05	7.82E-06	1.28E-05	1.28E-05	3.81E-01	4.92E-02	7.03E-01	8.75E-02
1436	Gridded	2.23E-05	4.26E-06	4.64E-06	9.12E-07	2.68E-04	4.99E-05	2.77E-04	5.21E-05	3.03E-04	5.97E-05	6.35E-06	1.17E-06	1.07E-03	1.99E-04	1.21E-03	2.33E-04	1.87E-03	3.27E-04	2.70E-04	5.04E-05	5.03E-05	9.29E-06	1.45E-05	2.69E-06	3.44E-05	6.36E-06	1.02E-05	1.02E-05	3.26E-01	4.62E-02	6.76E-01	7.60E-02
1437	Gridded	2.32E-05	3.08E-06	5.05E-06	6.56E-07	2.67E-04	3.62E-05	2.81E-04	3.77E-05	3.31E-04	4.29E-05	6.27E-06	8.51E-07	1.06E-03	1.44E-04	1.27E-03	1.68E-04	1.99E-03	2.75E-04	2.70E-04	3.65E-05	4.96E-05	6.73E-06	1.44E-05	1.95E-06	3.40E-05	4.61E-06	7.76E-06	7.76E-06	2.69E-01	3.98E-02	5.34E-01	6.16E-02
1438	Gridded	2.52E-05	3.15E-06	5.46E-06	6.92E-07	2.92E-04	3.59E-05	3.06E-04	3.78E-05	3.58E-04	4.55E-05	6.85E-06	8.40E-07	1.16E-03	1.43E-04	1.38E-03	1.73E-04	2.10E-03	2.88E-04	2.95E-04	3.63E-05	5.42E-05	6.65E-06	1.57E-05	1.92E-06	3.71E-05	4.55E-06	8.25E-06	8.25E-06	2.87E-01	4.17E-02	6.41E-01	6.81E-02
1439	Gridded	2.55E-05	3.04E-06	5.49E-06	6.65E-07	2.96E-04	3.48E-05	3.10E-04	3.66E-05	3.59E-04	4.37E-05	6.97E-06	8.16E-07	1.18E-03	1.38E-04	1.39E-03	1.67E-04	2.04E-03	2.69E-04	3.00E-04	3.52E-05	5.51E-05	6.46E-06	1.60E-05	1.87E-06	3.77E-05	4.42E-06	7.83E-06	7.83E-06	2.80E-01	3.85E-02	5.77E-01	6.30E-02
1440	Gridded	2.42E-05	3.00E-06	5.17E-06	6.43E-07	2.83E-04	3.51E-05	2.95E-04	3.66E-05	3.38E-04	4.21E-05	6.65E-06	8.24E-07	1.13E-03	1.40E-04	1.32E-03	1.64E-04	1.86E-03	2.50E-04	2.85E-04	3.54E-05	5.26E-05	6.53E-06	1.52E-05	1.89E-06	3.60E-05	4.46E-06	7.31E-06	7.31E-06	2.50E-01	3.63E-02	4.99E-01	5.87E-02
1441	Gridded	2.17E-05	3.65E-06	4.62E-06	7.80E-07	2.55E-04	4.27E-05	2.66E-04	4.46E-05	3.02E-04	5.11E-05	6.01E-06	1.00E-06	1.02E-03	1.70E-04	1.19E-03	1.99E-04	1.70E-03	2.80E-04	2.58E-04	4.31E-05	4.76E-05	7.95E-06	1.38E-05	2.30E-06	3.25E-05	5.44E-06	8.70E-06	8.70E-06	2.62E-01	3.96E-02	5.50E-01	5.83E-02
1442	Gridded	2.66E-05	4.44E-06	5.55E-06	9.49E-07	3.18E-04	5.20E-05	3.30E-04	5.43E-05	3.62E-04	6.21E-05	7.52E-06	1.22E-06	1.27E-03	2.07E-04	1.45E-03	2.42E-04	1.97E-03	3.38E-04	3.21E-04	5.25E-05	5.95E-05	9.69E-06	1.72E-05	2.81E-06	4.07E-05	6.63E-06	1.05E-05	1.05E-05	3.06E-01	4.39E-02	5.87E-01	8.47E-02
1443	Gridded	3.29E-05	5.31E-06	6.88E-06	1.13E-06	3.93E-04	6.22E-05	4.07E-04	6.49E-05	4.48E-04	7.42E-05	9.26E-06	1.46E-06	1.56E-03	2.48E-04	1.79E-03	2.90E-04	2.25E-03	4.05E-04	3.96E-04	6.28E-05	7.33E-05	1.16E-05	2.12E-05	3.35E-06	5.02E-05	7.93E-06	1.26E-05	1.26E-05	3.54E-01	5.47E-02	7.03E-01	1.18E-01
1444	Gridded	3.56E-05	5.93E-06	7.47E-06	1.27E-06	4.24E-04	6.93E-05	4.40E-04	7.24E-05	4.87E-04	8.30E-05	1.00E-05	1.63E-06	1.69E-03	2.76E-04	1.94E-03	3.24E-04	2.41E-03	4.58E-04	4.28E-04	7.00E-05	7.92E-05	1.29E-05	2.29E-05	3.74E-06	5.42E-05	8.83E-06	1.42E-05	1.42E-05	3.52E-01	6.10E-02	7.02E-01	1.11E-01
1445	Gridded	3.47E-05	6.24E-06	7.25E-06	1.34E-06	4.14E-04	7.27E-05	4.29E-04	7.60E-05	4.73E-04	8.79E-05	9.78E-06	1.71E-06	1.65E-03	2.89E-04	1.89E-03	3.41E-04	2.43E-03	4.98E-04	4.18E-04	7.34E-05	7.74E-05	1.35E-05	2.24E-05	3.91E-06	5.30E-05	9.25E-06	1.52E-05	1.52E-05	3.05E-01	5.71E-02	6.00E-01	9.40E-02
1446	Gridded	3.80E-05	6.44E-06	8.02E-06	1.35E-06	4.50E-04	7.67E-05	4.68E-04	7.96E-05	5.23E-04	8.82E-05	1.06E-05	1.81E-06	1.79E-03	3.06E-04	2.07E-03	3.51E-04	2.75E-03	4.96E-04	4.54E-04	7.74E-05	8.40E-05	1.43E-05	2.43E-05	4.15E-06	5.75E-05	9.80E-06	1.48E-05	1.48E-05	3.28E-01	6.52E-02	5.40E-01	1.20E-01
1447	Gridded	4.67E-05	7.46E-06	9.58E-06	1.58E-06	5.68E-04	8.80E-05	5.85E-04	9.17E-05	6.22E-04	1.03E-04	1.34E-05	2.07E-06	2.27E-03	3.51E-04	2.53E-03	4.07E-04	3.10E-03	5.43E-04	5.72E-04	8.88E-05	1.06E-04	1.64E-05	3.08E-05	4.75E-06	7.28E-05	1.12E-05	1.73E-05	1.73E-05	3.50E-01	9.56E-02	5.71E-01	1.41E-01
1448	Gridded	5.64E-05	9.38E-06	1.17E-05	1.96E-06	6.82E-04	1.12E-04	7.05E-04	1.16E-04	7.58E-04	1.28E-04	1.61E-05	2.65E-06	2.72E-03	4.47E-04	3.07E-03	5.11E-04	3.33E-03	6.14E-04	6.87E-04	1.13E-04	1.28E-04	2.09E-05	3.70E-05	6.06E-06	8.74E-05	1.43E-05	2.06E-05	2.06E-05	4.41E-01	1.20E-01	7.12E-01	1.90E-01
1449	Gridded	5.69E-05	1.27E-05	1.12E-05	2.70E-06	7.16E-04	1.50E-04	7.30E-04	1.56E-04	7.22E-04	1.76E-04	1.70E-05	3.52E-06	2.86E-03	5.96E-04	3.07E-03	6.93E-04	3.17E-03	9.28E-04	7.19E-04	1.51E-04	1.35E-04	2.79E-05	3.91E-05	8.08E-06	9.23E-05	1.91E-05	2.95E-05	2.95E-05	5.11E-01	1.55E-01	6.57E-01	1.98E-01
1450	Gridded	6.35E-05	1.23E-05	1.24E-05	2.67E-06	8.04E-04	1.41E-04	8.17E-04	1.48E-04	8.00E-04	1.76E-04	1.91E-05	3.30E-06	3.21E-03	5.60E-04	3.42E-03	6.71E-04	5.72E-03	1.07E-03	8.07E-04	1.42E-04	1.52E-04	2.61E-05	4.39E-05	7.56E-06	1.04E-04	1.79E-05	3.13E-05	3.13E-05	5.58E-01	1.47E-01	8.55E-01	1.61E-01
1451	Gridded	6.26E-05	9.67E-06	1.26E-05	2.10E-06	7.73E-04	1.12E-04	7.93E-04	1.17E-04	8.19E-04	1.38E-04	1.83E-05	2.66E-06	3.08E-03	4.48E-04	3.39E-03	5.29E-04	3.73E-03	8.29E-04	7.77E-04	1.13E-04	1.45E-04	2.11E-05	4.20E-05	6.11E-06	9.93E-05	1.44E-05	2.44E-05	2.44E-05	6.65E-01	1.36E-01	1.23E+00	1.44E-01
1452	Gridded	7.95E-05	1.65E-05	1.48E-05	3.33E-06	1.05E-03	2.04E-04	1.05E-03	2.09E-04	9.43E-04	2.15E-04	2.50E-05	4.84E-06	4.18E-03	8.14E-04	4.25E-03	8.94E-04	4.26E-03	9.35E-04	1.05E-03	2.05E-04	1.98E-04	3.83E-05	5.74E-05	1.11E-05	1.36E-04	2.62E-05	3.24E-05	3.24E-05	7.85E-01	2.46E-01	9.95E-01	3.62E-01
1453	Gridded	7.12E-05	1.17E-05	1.36E-05	2.34E-06	9.20E-04	1.52E-04	9.29E-04	1.53E-04	8.71E-04	1.51E-04	2.20E-05	3.62E-06	3.68E-03	6.06E-04	3.82E-03	6.30E-04	3.99E-03	8.29E-04	9.22E-04	1.52E-04	1.74E-04	2.87E-05	5.04E-05	8.31E-06	1.19E-04	1.96E-05	2.31E-05	2.31E-05	7.80E-01	1.56E-01	8.74E-01	1.91E-01
1454	Gridded	6.19E-05	8.58E-06	1.19E-05	1.73E-06	7.97E-04	1.06E-04	8.06E-04	1.08E-04	7.61E-04	1.12E-04	1.90E-05	2.51E-06	3.18E-03	4.22E-04	3.33E-03	4.64E-04	4.44E-03	6.87E-04	7.99E-04	1.06E-04	1.51E-04	1.98E-05	4.36E-05	5.75E-06	1.03E-04	1.36E-05	1.89E-05	1.89E-05	7.23E-01	2.00E-01	1.23E+00	1.95E-01
1455	Gridded	6.04E-05	7.05E-06	1.17E-05	1.46E-06	7.71E-04	8.49E-05	7.82E-04	8.77E-05	7.51E-04	9.51E-05	1.84E-05	2.01E-06	3.08E-03	3.38E-04	3.25E-03	3.83E-04	3.63E-03	4.30E-04	7.74E-04	8.55E-05	1.46E-04	1.59E-05	4.21E-05	4.60E-06	9.96E-05	1.09E-05	1.50E-05	1.50E-05	8.17E-01	1.64E-01	1.44E+00	1.72E-01
1456	Gridded	6.92E-05	8.15E-06	1.51E-05	1.67E-06	7.96E-04	9.91E-05	8.36E-04	1.02E-04	9.90E-04	1.09E-04	1.87E-05	2.35E-06	3.17E-03	3.95E-04	3.79E-03	4.42E-04	5.99E-03	4.74E-04	8.05E-04	9.98E-05	1.48E-04	1.86E-05	4.28E-05	5.38E-06	1.01E-04	1.27E-05	1.66E-05	1.66E-05	1.05E+00	1.43E-01	1.61E+00	1.23E-01
1457	Gridded	4.61E-05	7.46E-06	1.01E-05	1.61E-06	5.27E-04	8.67E-05	5.55E-04	9.07E-05	6.65E-04	1.05E-04	1.23E-05	2.04E-06	2.10E-03	3.45E-04	2.53E-03	4.08E-04	4.15E-03	6.03E-04	5.33E-04	8.76E-05	9.77E-05	1.61E-05	2.83E-05	4.67E-06	6.69E-05	1.10E-05	1.83E-05	1.83E-05	1.03E+00	1.14E-01	1.83E+00	1.37E-01
1458	Gridded	5.96E-05	1.02E-05	1.31E-05	2.12E-06	6.81E-04	1.22E-04	7.17E-04	1.26E-04	8.59E-04	1.38E-04	1.59E-05	2.88E-06	2.71E-03	4.85E-04	3.27E-03	5.53E-04	5.37E-03	6.52E-04	6.89E-04	1.23E-04	1.26E-04	2.28E-05	3.65E-05	6.59E-06	8.63E-05	1.56E-05	2.21E-05	2.21E-05	8.24E-01	1.68E-01	3.39E+00	2.12E-01
1459	Gridded	6.92E-05	6.99E-06	1.54E-05	1.45E-06	7.77E-04	8.41E-05	8.23E-04	8.70E-05	1.02E-03	9.43E-05	1.81E-05	1.99E-06	3.09E-03	3.35E-04	3.80E-03	3.80E-04	6.85E-03	6.18E-04	7.87E-04	8.48E-05	1.44E-04	1.57E-05	4.16E-05	4.56E-06	9.82E-05	1.08E-05	1.71E-05	1.71E-05	4.84E-01	1.23E-01	1.04E+00	1.96E-01
1460	Gridded	6.63E-05	6.71E-06	1.46E-05	1.49E-06	8.08E-04	7.59E-05	8.32E-04	8.02E-05	9.62E-04	9.79E-05	1.91E-05	1.77E-06	3.22E-03	3.02E-04	3.59E-03	3.69E-04	6.63E-03	6.41E-04	8.13E-04	7.68E-05	1.51E-04	1.40E-05	4.38E-05	4.06E-06	1.04E-04	9.61E-06	1.80E-05	1.80E-05	6.42E-01	9.09E-02	1.07E+00	1.11E-01
1461	Gridded	5.69E-05	7.20E-06	1.28E-05	1.61E-06	6.31E-04	8.09E-05	6.71E-04	8.57E-05	8.47E-04	1.06E-04	1.47E-05	1.89E-06	2.51E-03	3.21E-04	3.13E-03	3.96E-04	5.98E-03	7.15E-04	6.40E-04	8.19E-05	1.16E-04	1.49E-05	3.37E-05	4.33E-06	7.96E-05	1.02E-05	1.98E-05	1.98E-05	6.03E-01	6.94E-02	1.27E+00	1.15E-01
1462	Gridded	4.80E-05	6.37E-06	1.08E-05	1.43E-06	5.46E-04	7.12E-05	5.75E-04	7.55E-05	7.09E-04	9.42E-05	1.28E-05	1.66E-06	2.17E-03	2.83E-04	2.64E-03	3.51E-04	4.89E-03	6.48E-04	5.53E-04	7.21E-05	1.01E-04	1.31E-05	2.93E-05	3.81E-06	6.93E-05	8.99E-06	1.78E-05	1.78E-05	5.56E-01	5.64E-02	9.29E-01	8.03E-02
1463	Gridded	4.42E-05	5.04E-06	9.87E-06	1.13E-06	4.96E-04	5.62E-05	5.26E-04	5.97E-05	6.50E-04	7.48E-05	1.16E-05	1.31E-06	1.97E-03	2.23E-04	2.43E-03	2.78E-04	4.39E-03	5.20E-04	5.03E-04	5.70E-05	9.17E-05	1.04E-05	2.66E-05	3.00E-06	6.28E-05	7.10E-06	1.42E-05	1.42E-05	5.11E-01	6.33E-02	9.07E-01	8.64E-02
1464	Gridded	4.21E-05	3.41E-06	9.38E-06	7.67E-07	4.74E-04	3.79E-05	5.01E-04	4.03E-05	6.18E-04	5.06E-05	1.11E-05	8.84E-07	1.88E-03	1.51E-04	2.31E-03	1.88E-04	4.14E-03	3.54E-04	4.80E-04	3.84E-05	8.75E-05	7.00E-06	2.53E-05	2.03E-06	5.99E-05	4.79E-06	9.63E-06	9.63E-06	4.22E-01	5.93E-02	8.25E-01	8.71E-02
1465	Gridded	4.02E-05	3.11E-06	8.94E-06	6.63E-07	4.54E-04	3.64E-05	4.80E-04	3.80E-05	5.89E-04	4.34E-05	1.06E-05	8.56E-07	1.80E-03	1.45E-04	2.21E-03	1.70E-04	3.91E-03	2.79E-04	4.59E-04	3.67E-05	8.39E-05	6.78E-06	2.43E-05	1.96E-06	5.74E-05	4.64E-06	7.88E-06	7.88E-06	3.35E-01	5.15E-02	6.96E-01	7.96E-02
1466	Gridded	3.97E-05	3.25E-06	8.82E-06	6.91E-07	4.47E-04	3.82E-05	4.73E-04	3.98E-05	5.81E-04	4.52E-05	1.04E-05	8.99E-07	1.78E-03	1.52E-04	2.18E-03	1.77E-04	3.87E-03	2.77E-04	4.53E-04	3.86E-05	8.26E-05	7.12E-06	2.39E-05	2.06E-06	5.65E-05	4.87E-06	7.80E-06	7.80E-06	2.67E-01	4.37E-02	5.67E-01	7.64E-02
1467	Gridded	4.11E-05	3.34E-06	9.16E-06	7.07E-07	4.63E-04	3.95E-05	4.90E-04	4.11E-05	6.04E-04	4.61E-05	1.08E-05	9.30E-07	1.84E-03	1.57E-04	2.26E-03	1.82E-04	4.05E-03	2.63E-04	4.69E-04	3.98E-05	8.55E-05	7.36E-06	2.48E-05	2.13E-06	5.85E-05	5.04E-06	7.65E-06	7.65E-06	2.59E-01	4.01E-02	5.47E-01	7.28E-02
1468	Gridded	4.13E-05	3.35E-06	9.21E-06	7.03E-07	4.63E-04	3.99E-05	4.91E-04	4.14E-05	6.07E-04	4.58E-05	1.08E-05	9.40E-07	1.84E-03	1.59E-04	2.27E-03	1.82E-04	4.10E-03	2.42E-04	4.69E-04	4.02E-05	8.56E-05	7.44E-06	2.48E-05	2.15E-06	5.85E-05	5.09E-06	7.45E-06	7.45E-06	2.62E-01	4.49E-02	5.15E-01	8.38E-02
1469	Gridded	4.07E-05	3.20E-06	9.10E-06	6.67E-07	4.56E-04	3.84E-05	4.83E-04	3.97E-05	6.00E-04	4.34E-05	1.06E-05	9.06E-07	1.81E-03	1.53E-04	2.24E-03	1.74E-04	4.08E-03	2.19E-04	4.62E-04	3.87E-05	8.43E-05	7.17E-06	2.44E-05	2.08E-06	5.77E-05	4.91E-06	6.92E-06	6.92E-06	2.62E-01	4.90E-02	4.92E-01	9.74E-02
1470	Gridded	3.90E-05	2.24E-06	8.72E-06	4.66E-07	4.36E-04	2.69E-05	4.63E-04	2.78E-05	5.75E-04	3.04E-05	1.02E-05	6.35E-07	1.73E-03	1.07E-04	2.14E-03	1.22E-04	3.92E-03	1.94E-04	4.42E-04	2.71E-05	8.06E-05	5.02E-06	2.33E-05	1.45E-06	5.52E-05	3.44E-06	5.19E-06	5.19E-06	2.40E-01	3.64E-02	4.14E-01	7.39E-02
1471	Gridded	3.82E-05	1.89E-06	8.55E-06	4.09E-07	4.27E-04	2.18E-05	4.53E-04	2.29E-05	5.64E-04	2.68E-05	9.97E-06	5.12E-07	1.70E-03	8.68E-05	2.10E-03	1.03E-04	3.86E-03	1.92E-04	4.33E-04	2.20E-05	7.89E-05	4.05E-06	2.28E-05	1.17E-06	5.40E-05	2.77E-06	5.13E-06	5.13E-06	2.22E-01	2.86E-02	3.81E-01	5.80E-02
1472	Gridded	3.83E-05	1.86E-06	8.59E-06	4.08E-07	4.28E-04	2.15E-05	4.54E-04	2.26E-05	5.66E-04	2.70E-05	9.98E-06	5.05E-07	1.70E-03	8.55E-05	2.11E-03	1.02E-04	3.90E-03	1.96E-04	4.34E-04	2.17E-05	7.90E-05	3.99E-06	2.29E-05	1.16E-06	5.40E-05	2.73E-06	5.24E-06	5.24E-06	2.24E-01	2.81E-02	3.80E-01	5.63E-02
1473	Gridded	3.72E-05	1.78E-06	8.38E-06	4.04E-07	4.13E-04	2.05E-05	4.39E-04	2.15E-05	5.53E-04	2.67E-05	9.62E-06	4.82E-07	1.64E-03	8.17E-05	2.05E-03	9.77E-05	3.89E-03	1.97E-04	4.19E-04	2.08E-05	7.62E-05	3.81E-06	2.21E-05	1.10E-06	5.21E-05	2.61E-06	5.21E-06	5.21E-06	2.34E-01	2.53E-02	4.23E-01	4.94E-02
1474	Gridded	3.46E-05	1.70E-06	7.89E-06	3.86E-07	3.79E-04	1.99E-05	4.05E-04	2.06E-05	5.22E-04	2.56E-05	8.82E-06	4.70E-07	1.51E-03	7.94E-05	1.91E-03	9.32E-05	3.85E-03	1.96E-04	3.85E-04	2.01E-05	6.98E-05	3.72E-06	2.02E-05	1.08E-06	4.78E-05	2.55E-06	5.08E-06	5.08E-06	2.40E-01	2.34E-02	4.68E-01	4.46E-02
1475	Gridded	3.09E-05	2.35E-06	7.20E-06	4.92E-07	3.33E-04	2.82E-05	3.57E-04	2.92E-05	4.78E-04	3.20E-05	7.97E-06	6.65E-07	1.33E-03	1.12E-04	1.71E-03	1.28E-04	3.80E-03	1.96E-04	3.37E-04	2.84E-05	6.31E-05	5.27E-06	1.83E-05	1.52E-06	4.32E-05	3.60E-06	5.50E-06	5.50E-06	2.51E-01	3.25E-02	5.20E-01	5.20E-02
1476	Gridded	4.03E-05	3.54E-06	8.68E-06	7.90E-07	4.99E-04	3.97E-05	5.00E-04	4.21E-05	5.69E-04	5.21E-05	1.19E-05	9.27E-07	1.99E-03	1.58E-04	2.20E-03	1.95E-04	3.69E-03	3.53E-04	4.99E-04	4.02E-05	9.46E-05	7.34E-06	2.74E-05	2.12E-06	6.47E-05	5.02E-06	9.76E-06	9.76E-06	3.01E-01	4.69E-02	5.63E-01	8.57E-02
1477	Gridded	4.06E-05	3.55E-06	8.75E-06	7.95E-07	4.71E-04	3.97E-05	4.94E-04	4.21E-05	5.73E-04	5.24E-05	1.11E-05	9.26E-07	1.88E-03	1.58E-04	2.22E-03	1.95E-04	3.50E-03	3.59E-04	4.76E-04	4.02E-05	8.77E-05	7.33E-06	2.54E-05	2.12E-06	6.00E-05	5.02E-06	9.87E-06	9.87E-06	2.69E-01	4.70E-02	5.71E-01	8.63E-02
1478	Gridded	2.66E-05	2.34E-06	5.67E-06	5.19E-07	3.12E-04	2.65E-05	3.26E-04	2.80E-05	3.71E-04	3.41E-05	7.35E-06	6.18E-07	1.24E-03	1.05E-04	1.45E-03	1.29E-04	3.32E-03	2.24E-04	3.15E-04	2.68E-05	5.82E-05	4.90E-06	1.68E-05	1.42E-06	3.98E-05	3.35E-06	6.30E-06	6.30E-06	2.11E-01	3.30E-02	5.53E-01	5.82E-02
1479	Gridded	2.33E-05	2.03E-06	4.91E-06	4.47E-07	2.76E-04	2.32E-05	2.87E-04	2.44E-05	3.21E-04	2.94E-05	6.50E-06	5.42E-07	1.10E-03	9.21E-05	1.27E-03	1.11E-04	3.18E-03	1.85E-04	2.78E-04	2.34E-05	5.15E-05	4.29E-06	1.49E-05	1.24E-06	3.52E-05	2.94E-06	5.32E-06	5.32E-06	1.97E-01	2.86E-02	5.24E-01	4.81E-02
1480	Gridded	2.91E-05	5.53E-06	6.17E-06	1.20E-06	3.43E-04	6.38E-05	3.57E-04	6.70E-05	4.03E-04	7.86E-05	8.10E-06	1.50E-06	1.37E-03	2.54E-04	1.59E-03	3.03E-04	2.11E-03	4.65E-04	3.46E-04	6.45E-05	6.41E-05	1.19E-05	1.86E-05	3.43E-06	4.39E-05	8.11E-06	1.38E-05	1.38E-05	3.02E-01	3.95E-02	6.08E-01	8.92E-02
1481	Gridded	3.23E-05	6.36E-06	6.79E-06	1.37E-06	3.85E-04	7.37E-05	4.00E-04	7.72E-05	4.43E-04	9.01E-05	9.08E-06	1.73E-06	1.53E-03	2.93E-04	1.76E-03	3.48E-04	2.30E-03	5.23E-04	3.88E-04	7.45E-05	7.19E-05	1.37E-05	2.08E-05	3.97E-06	4.92E-05	9.37E-06	1.57E-05	1.57E-05	3.24E-01	4.53E-02	6.53E-01	9.50E-02
1482	Gridded	2.23E-05	4.45E-06	4.58E-06	9.52E-07	2.70E-04	5.20E-05	2.78E-04	5.43E-05	2.98E-04	6.23E-05	6.38E-06	1.22E-06	1.07E-03	2.07E-04	1.21E-03	2.43E-04	1.59E-03	3.45E-04	2.72E-04	5.25E-05	5.05E-05	9.68E-06	1.46E-05	2.80E-06	3.45E-05	6.62E-06	1.06E-05	1.06E-05	2.77E-01	4.10E-02	5.68E-01	6.79E-02
1483	Gridded	1.78E-05	3.50E-06	3.79E-06	7.45E-07	2.09E-04	4.11E-05	2.18E-04	4.28E-05	2.48E-04	4.87E-05	4.95E-06	9.67E-07	8.33E-04	1.64E-04	9.70E-04	1.91E-04	1.34E-03	2.72E-04	2.11E-04	4.15E-05	3.92E-05	7.66E-06	1.13E-05	2.22E-06	2.68E-05	5.24E-06	8.21E-06	8.21E-06	2.72E-01	3.92E-02	5.17E-01	6.28E-02
1484	Gridded	1.89E-05	2.97E-06	3.96E-06	6.32E-07	2.26E-04	3.50E-05	2.34E-04	3.65E-05	2.58E-04	4.16E-05	5.34E-06	8.25E-07	9.01E-04	1.39E-04	1.03E-03	1.62E-04	2.00E-03	2.65E-04	2.28E-04	3.53E-05	4.22E-05	6.53E-06	1.22E-05	1.89E-06	2.89E-05	4.47E-06	7.56E-06	7.56E-06	2.87E-01	4.03E-02	5.23E-01	6.44E-02
1485	Gridded	2.63E-05	3.73E-06	5.43E-06	8.17E-07	3.17E-04	4.27E-05	3.28E-04	4.50E-05	3.53E-04	5.37E-05	7.50E-06	1.00E-06	1.26E-03	1.70E-04	1.43E-03	2.05E-04	2.62E-03	3.32E-04	3.20E-04	4.32E-05	5.94E-05	7.92E-06	1.72E-05	2.29E-06	4.06E-05	5.42E-06	9.64E-06	9.64E-06	3.61E-01	5.05E-02	7.11E-01	8.28E-02
1486	Gridded	2.65E-05	3.75E-06	5.56E-06	8.16E-07	3.18E-04	4.33E-05	3.28E-04	4.54E-05	3.62E-04	5.35E-05	7.54E-06	1.01E-06	1.27E-03	1.72E-04	1.44E-03	2.06E-04	1.99E-03	3.20E-04	3.20E-04	4.37E-05	5.97E-05	8.03E-06	1.73E-05	2.33E-06	4.08E-05	5.50E-06	9.46E-06	9.46E-06	3.59E-01	5.34E-02	7.95E-01	8.67E-02
1487	Gridded	2.12E-05	2.87E-06	4.48E-06	6.20E-07	2.52E-04	3.32E-05	2.62E-04	3.48E-05	2.93E-04	4.06E-05	5.93E-06	7.79E-07	1.00E-03	1.32E-04	1.16E-03	1.57E-04	1.55E-03	2.37E-04	2.54E-04	3.35E-05	4.69E-05	6.17E-06	1.36E-05	1.79E-06	3.21E-05	4.22E-06	7.10E-06	7.10E-06	3.23E-01	4.76E-02	7.42E-01	7.40E-02
1488	Gridded	2.02E-05	2.96E-06	4.29E-06	6.37E-07	2.38E-04	3.44E-05	2.48E-04	3.60E-05	2.80E-04	4.17E-05	5.61E-06	8.09E-07	9.49E-04	1.37E-04	1.10E-03	1.62E-04	1.50E-03	2.37E-04	2.41E-04	3.48E-05	4.44E-05	6.41E-06	1.29E-05	1.85E-06	3.04E-05	4.38E-06	7.21E-06	7.21E-06	3.06E-01	4.43E-02	6.69E-01	6.86E-02
1489	Gridded	2.25E-05	3.30E-06	4.79E-06	7.10E-07	2.66E-04	3.84E-05	2.77E-04	4.02E-05	3.13E-04	4.65E-05	6.26E-06	9.02E-07	1.06E-03	1.53E-04	1.23E-03	1.80E-04	1.64E-03	2.64E-04	2.68E-04	3.88E-05	4.96E-05	7.14E-06	1.43E-05	2.07E-06	3.39E-05	4.89E-06	8.04E-06	8.04E-06	2.41E-01	3.69E-02	5.33E-01	7.73E-02
1490	Gridded	2.53E-05	3.70E-06	5.38E-06	7.98E-07	2.98E-04	4.31E-05	3.11E-04	4.51E-05	3.52E-04	5.23E-05	7.02E-06	1.01E-06	1.19E-03	1.71E-04	1.38E-03	2.02E-04	1.87E-03	2.98E-04	3.01E-04	4.35E-05	5.55E-05	8.01E-06	1.61E-05	2.32E-06	3.80E-05	5.48E-06	9.05E-06	9.05E-06	2.76E-01	4.22E-02	5.49E-01	9.08E-02
1491	Gridded	2.66E-05	4.00E-06	5.67E-06	8.64E-07	3.12E-04	4.65E-05	3.26E-04	4.87E-05	3.70E-04	5.66E-05	7.35E-06	1.09E-06	1.24E-03	1.85E-04	1.45E-03	2.19E-04	1.99E-03	3.26E-04	3.15E-04	4.69E-05	5.82E-05	8.64E-06	1.68E-05	2.50E-06	3.98E-05	5.91E-06	9.83E-06	9.83E-06	2.68E-01	4.74E-02	5.32E-01	9.58E-02
1492	Gridded	2.81E-05	4.30E-06	5.97E-06	9.32E-07	3.30E-04	4.98E-05	3.44E-04	5.22E-05	3.90E-04	6.11E-05	7.77E-06	1.17E-06	1.31E-03	1.98E-04	1.53E-03	2.35E-04	2.15E-03	3.58E-04	3.33E-04	5.03E-05	6.15E-05	9.25E-06	1.78E-05	2.68E-06	4.21E-05	6.33E-06	1.07E-05	1.07E-05	3.45E-01	5.86E-02	7.02E-01	1.03E-01
1493	Gridded	3.00E-05	4.62E-06	6.36E-06	9.85E-07	3.53E-04	5.42E-05	3.68E-04	5.66E-05	4.15E-04	6.44E-05	8.32E-06	1.28E-06	1.41E-03	2.16E-04	1.63E-03	2.52E-04	2.18E-03	3.66E-04	3.56E-04	5.48E-05	6.58E-05	1.01E-05	1.91E-05	2.93E-06	4.50E-05	6.91E-06	1.09E-05	1.09E-05	3.62E-01	5.51E-02	7.01E-01	8.60E-02
1494	Gridded	3.08E-05	5.07E-06	6.56E-06	1.09E-06	3.62E-04	5.98E-05	3.78E-04	6.23E-05	4.29E-04	7.11E-05	8.53E-06	1.41E-06	1.44E-03	2.38E-04	1.68E-03	2.77E-04	2.35E-03	3.95E-04	3.66E-04	6.03E-05	6.75E-05	1.12E-05	1.95E-05	3.23E-06	4.62E-05	7.63E-06	1.22E-05	1.22E-05	3.42E-01	5.81E-02	7.00E-01	1.07E-01
1495	Gridded	3.07E-05	5.25E-06	6.42E-06	1.12E-06	3.67E-04	6.15E-05	3.80E-04	6.42E-05	4.18E-04	7.33E-05	8.65E-06	1.45E-06	1.46E-03	2.45E-04	1.67E-03	2.86E-04	2.50E-03	4.10E-04	3.70E-04	6.21E-05	6.85E-05	1.14E-05	1.98E-05	3.31E-06	4.69E-05	7.83E-06	1.25E-05	1.25E-05	2.86E-01	6.71E-02	4.95E-01	1.06E-01
1496	Gridded	3.47E-05	5.96E-06	7.28E-06	1.26E-06	4.13E-04	7.07E-05	4.29E-04	7.35E-05	4.75E-04	8.22E-05	9.75E-06	1.67E-06	1.65E-03	2.81E-04	1.89E-03	3.25E-04	2.60E-03	4.23E-04	4.17E-04	7.13E-05	7.72E-05	1.32E-05	2.23E-05	3.82E-06	5.28E-05	9.02E-06	1.36E-05	1.36E-05	2.52E-01	6.58E-02	4.64E-01	1.16E-01
1497	Gridded	3.45E-05	7.99E-06	7.20E-06	1.71E-06	4.12E-04	9.38E-05	4.27E-04	9.78E-05	4.69E-04	1.12E-04	9.73E-06	2.21E-06	1.64E-03	3.73E-04	1.88E-03	4.36E-04	2.61E-03	6.04E-04	4.16E-04	9.46E-05	7.71E-05	1.75E-05	2.23E-05	5.05E-06	5.27E-05	1.19E-05	1.89E-05	1.89E-05	2.91E-01	8.60E-02	4.13E-01	1.30E-01
1498	Gridded	3.89E-05	1.04E-05	8.05E-06	2.25E-06	4.70E-04	1.21E-04	4.85E-04	1.27E-04	5.23E-04	1.47E-04	1.11E-05	2.85E-06	1.87E-03	4.82E-04	2.11E-03	5.70E-04	2.37E-03	8.41E-04	4.73E-04	1.22E-04	8.79E-05	2.25E-05	2.55E-05	6.52E-06	6.02E-05	1.54E-05	2.55E-05	2.55E-05	3.96E-01	1.04E-01	6.10E-01	1.51E-01
1499	Gridded	4.39E-05	1.12E-05	8.74E-06	2.43E-06	5.49E-04	1.28E-04	5.60E-04	1.35E-04	5.64E-04	1.60E-04	1.30E-05	3.00E-06	2.19E-03	5.09E-04	2.37E-03	6.11E-04	2.75E-03	9.74E-04	5.51E-04	1.29E-04	1.03E-04	2.38E-05	2.99E-05	6.88E-06	7.06E-05	1.63E-05	2.85E-05	2.85E-05	4.36E-01	1.19E-01	6.26E-01	1.58E-01
1500	Gridded	5.13E-05	7.63E-06	1.11E-05	1.57E-06	6.41E-04	9.25E-05	6.54E-04	9.54E-05	7.29E-04	1.02E-04	1.52E-05	2.19E-06	2.56E-03	3.69E-04	2.78E-03	4.14E-04	4.73E-03	6.35E-04	6.44E-04	9.31E-05	1.21E-04	1.73E-05	3.49E-05	5.01E-06	8.26E-05	1.18E-05	1.75E-05	1.75E-05	4.46E-01	8.93E-02	7.48E-01	1.44E-01
1501	Gridded	4.55E-05	6.98E-06	9.37E-06	1.54E-06	5.52E-04	8.22E-05	5.70E-04	8.52E-05	6.09E-04	1.01E-04	1.31E-05	1.94E-06	2.20E-03	3.28E-04	2.47E-03	3.83E-04	3.66E-03	6.45E-04	5.56E-04	8.29E-05	1.03E-04	1.54E-05	2.99E-05	4.45E-06	7.07E-05	1.05E-05	1.84E-05	1.84E-05	4.63E-01	8.58E-02	8.19E-01	1.12E-01
1502	Gridded	5.54E-05	1.17E-05	1.08E-05	2.40E-06	7.19E-04	1.42E-04	7.25E-04	1.46E-04	6.92E-04	1.56E-04	1.72E-05	3.36E-06	2.87E-03	5.67E-04	2.97E-03	6.34E-04	3.16E-03	7.22E-04	7.20E-04	1.43E-04	1.36E-04	2.66E-05	3.94E-05	7.71E-06	9.31E-05	1.82E-05	2.38E-05	2.38E-05	5.34E-01	1.36E-01	8.80E-01	2.24E-01
1503	Gridded	6.69E-05	1.43E-05	1.27E-05	3.07E-06	8.69E-04	1.67E-04	8.76E-04	1.74E-04	8.11E-04	2.01E-04	2.08E-05	3.92E-06	3.47E-03	6.64E-04	3.59E-03	7.81E-04	3.97E-03	1.12E-03	8.71E-04	1.69E-04	1.64E-04	3.11E-05	4.76E-05	8.99E-06	1.13E-04	2.13E-05	3.44E-05	3.44E-05	6.60E-01	1.65E-01	1.22E+00	1.75E-01

Scenario 1 Results

1504	Gridded	5.49E-05	1.30E-05	1.12E-05	2.72E-06	6.70E-04	1.55E-04	6.90E-04	1.61E-04	7.29E-04	1.77E-04	1.59E-05	3.66E-06	2.67E-03	6.18E-04	2.98E-03	7.07E-04	3.89E-03	9.61E-04	6.75E-04	1.57E-04	1.26E-04	2.90E-05	3.64E-05	8.40E-06	8.60E-05	1.98E-05	2.87E-05	2.87E-05	6.97E-01	1.79E-01	8.25E-01	2.20E-01
1505	Gridded	6.15E-05	1.22E-05	1.39E-05	2.55E-06	6.81E-04	1.47E-04	7.25E-04	1.52E-04	9.18E-04	1.66E-04	1.59E-05	3.47E-06	2.71E-03	5.85E-04	3.39E-03	6.65E-04	6.53E-03	8.09E-04	6.91E-04	1.48E-04	1.26E-04	2.74E-05	3.64E-05	7.94E-06	8.60E-05	1.88E-05	2.65E-05	2.65E-05	7.31E-01	2.42E-01	1.00E+00	2.80E-01
1506	Gridded	4.82E-05	9.05E-06	1.04E-05	1.86E-06	6.03E-04	1.10E-04	6.15E-04	1.13E-04	6.86E-04	1.21E-04	1.43E-05	2.61E-06	2.40E-03	4.39E-04	2.60E-03	4.91E-04	4.52E-03	7.61E-04	6.05E-04	1.11E-04	1.13E-04	2.06E-05	3.28E-05	5.97E-06	7.76E-05	1.41E-05	2.08E-05	2.08E-05	6.61E-01	2.27E-01	1.60E+00	2.42E-01
1507	Gridded	6.25E-05	5.77E-06	1.42E-05	1.24E-06	6.89E-04	6.71E-05	7.35E-04	7.03E-05	9.39E-04	8.14E-05	1.60E-05	1.58E-06	2.74E-03	2.67E-04	3.45E-03	3.16E-04	6.82E-03	4.63E-04	6.99E-04	6.78E-05	1.27E-04	1.25E-05	3.67E-05	3.62E-06	8.68E-05	8.54E-06	1.41E-05	1.41E-05	5.36E-01	8.60E-02	9.76E-01	1.16E-01
1508	Gridded	7.67E-05	7.39E-06	1.69E-05	1.50E-06	8.72E-04	9.07E-05	9.20E-04	9.32E-05	1.11E-03	9.72E-05	2.04E-05	2.15E-06	3.46E-03	3.62E-04	4.21E-03	4.00E-04	7.15E-03	5.70E-04	8.82E-04	9.12E-05	1.61E-04	1.70E-05	4.67E-05	4.93E-06	1.10E-04	1.16E-05	1.61E-05	1.61E-05	8.28E-01	1.22E-01	1.27E+00	1.40E-01
1509	Gridded	4.82E-05	6.49E-06	1.05E-05	1.34E-06	5.55E-04	7.86E-05	5.83E-04	8.11E-05	6.88E-04	8.69E-05	1.30E-05	1.86E-06	2.21E-03	3.13E-04	2.64E-03	3.52E-04	4.34E-03	4.58E-04	5.61E-04	7.91E-05	1.03E-04	1.47E-05	2.98E-05	4.26E-06	7.05E-05	1.01E-05	1.34E-05	1.34E-05	8.79E-01	8.57E-02	1.55E+00	1.15E-01
1510	Gridded	3.90E-05	8.61E-06	8.56E-06	1.86E-06	4.45E-04	9.96E-05	4.69E-04	1.04E-04	5.63E-04	1.22E-04	1.04E-05	2.34E-06	1.77E-03	3.96E-04	2.14E-03	4.71E-04	3.53E-03	7.17E-04	4.50E-04	1.01E-04	8.25E-05	1.85E-05	2.39E-05	5.36E-06	5.65E-05	1.27E-05	2.14E-05	2.14E-05	4.75E-01	1.23E-01	1.19E+00	1.43E-01
1511	Gridded	5.24E-05	9.90E-06	1.17E-05	2.12E-06	5.88E-04	1.16E-04	6.23E-04	1.21E-04	7.69E-04	1.39E-04	1.37E-05	2.72E-06	2.34E-03	4.60E-04	2.88E-03	5.41E-04	5.18E-03	7.75E-04	5.96E-04	1.17E-04	1.09E-04	2.15E-05	3.15E-05	6.23E-06	7.44E-05	1.47E-05	2.38E-05	2.38E-05	5.04E-01	1.01E-01	8.67E-01	1.38E-01
1512	Gridded	5.54E-05	5.40E-06	1.24E-05	1.14E-06	6.19E-04	6.38E-05	6.57E-04	6.64E-05	8.19E-04	7.48E-05	1.44E-05	1.50E-06	2.46E-03	2.54E-04	3.05E-03	2.94E-04	5.63E-03	4.11E-04	6.27E-04	6.43E-05	1.14E-04	1.19E-05	3.31E-05	3.44E-06	7.82E-05	8.14E-06	1.24E-05	1.24E-05	4.92E-01	7.24E-02	7.91E-01	1.29E-01
1513	Gridded	5.29E-05	3.85E-06	1.19E-05	8.58E-07	5.92E-04	4.56E-05	6.28E-04	4.74E-05	7.83E-04	5.66E-05	1.38E-05	1.07E-06	2.35E-03	1.82E-04	2.91E-03	2.12E-04	5.38E-03	3.81E-04	6.00E-04	4.60E-05	1.09E-04	8.50E-06	3.16E-05	2.46E-06	7.48E-05	5.82E-06	1.06E-05	1.06E-05	4.39E-01	4.12E-02	7.22E-01	6.06E-02
1514	Gridded	4.90E-05	4.67E-06	1.10E-05	1.04E-06	5.49E-04	5.26E-05	5.82E-04	5.57E-05	7.22E-04	6.85E-05	1.28E-05	1.23E-06	2.18E-03	2.09E-04	2.69E-03	2.57E-04	4.91E-03	4.57E-04	5.56E-04	5.33E-05	1.01E-04	9.73E-06	2.93E-05	2.82E-06	6.94E-05	6.66E-06	1.27E-05	1.27E-05	4.54E-01	5.59E-02	7.29E-01	8.82E-02
1515	Gridded	4.48E-05	5.13E-06	1.00E-05	1.15E-06	5.04E-04	5.74E-05	5.33E-04	6.09E-05	6.59E-04	7.58E-05	1.18E-05	1.34E-06	2.00E-03	2.28E-04	2.47E-03	2.82E-04	4.44E-03	5.19E-04	5.10E-04	5.82E-05	9.31E-05	1.06E-05	2.69E-05	3.07E-06	6.37E-05	7.26E-06	1.43E-05	1.43E-05	3.65E-01	4.07E-02	6.69E-01	6.54E-02
1516	Gridded	4.12E-05	4.83E-06	9.16E-06	1.08E-06	4.63E-04	5.37E-05	4.90E-04	5.71E-05	6.04E-04	7.16E-05	1.08E-05	1.25E-06	1.84E-03	2.13E-04	2.26E-03	2.66E-04	4.03E-03	4.99E-04	4.69E-04	5.45E-05	8.57E-05	9.92E-06	2.48E-05	2.87E-06	5.86E-05	6.79E-06	1.36E-05	1.36E-05	3.22E-01	3.44E-02	6.15E-01	5.71E-02
1517	Gridded	3.81E-05	4.52E-06	8.46E-06	1.02E-06	4.29E-04	5.01E-05	4.54E-04	5.33E-05	5.57E-04	6.74E-05	1.00E-05	1.17E-06	1.70E-03	1.99E-04	2.09E-03	2.49E-04	3.70E-03	4.78E-04	4.34E-04	5.08E-05	7.93E-05	9.24E-06	2.30E-05	2.67E-06	5.43E-05	6.32E-06	1.29E-05	1.29E-05	3.44E-01	3.90E-02	5.54E-01	6.89E-02
1518	Gridded	3.53E-05	3.65E-06	7.83E-06	8.26E-07	3.98E-04	4.03E-05	4.21E-04	4.30E-05	5.16E-04	5.46E-05	9.29E-06	9.39E-07	1.58E-03	1.60E-04	1.94E-03	2.01E-04	3.41E-03	3.92E-04	4.03E-04	4.09E-05	7.36E-05	7.44E-06	2.13E-05	2.15E-06	5.03E-05	5.09E-06	1.05E-05	1.05E-05	3.35E-01	4.45E-02	6.19E-01	6.49E-02
1519	Gridded	3.26E-05	2.82E-06	7.24E-06	6.40E-07	3.67E-04	3.11E-05	3.88E-04	3.31E-05	4.76E-04	4.23E-05	8.58E-06	7.23E-07	1.46E-03	1.23E-04	1.79E-03	1.55E-04	3.16E-03	3.06E-04	3.72E-04	3.15E-05	6.79E-05	5.73E-06	1.97E-05	1.66E-06	4.65E-05	3.92E-06	8.18E-06	8.18E-06	3.27E-01	4.65E-02	6.01E-01	7.32E-02
1520	Gridded	2.99E-05	3.36E-06	6.65E-06	7.03E-07	3.37E-04	4.01E-05	3.57E-04	4.16E-05	4.38E-04	4.58E-05	7.87E-06	9.47E-07	1.34E-03	1.60E-04	1.64E-03	1.83E-04	2.91E-03	2.56E-04	3.41E-04	4.05E-05	6.23E-05	7.50E-06	1.80E-05	2.17E-06	4.27E-05	5.13E-06	7.39E-06	7.39E-06	3.62E-01	4.98E-02	6.25E-01	8.33E-02
1521	Gridded	2.73E-05	2.95E-06	6.08E-06	6.07E-07	3.07E-04	3.57E-05	3.25E-04	3.69E-05	4.00E-04	3.95E-05	7.18E-06	8.45E-07	1.22E-03	1.42E-04	1.50E-03	1.60E-04	2.67E-03	2.37E-04	3.11E-04	3.60E-05	5.68E-05	6.69E-06	1.64E-05	1.94E-06	3.89E-05	4.58E-06	6.74E-06	6.74E-06	2.74E-01	4.06E-02	4.64E-01	7.01E-02
1522	Gridded	2.67E-05	2.21E-06	5.92E-06	4.74E-07	3.01E-04	2.58E-05	3.18E-04	2.70E-05	3.90E-04	3.11E-05	7.04E-06	6.07E-07	1.20E-03	1.03E-04	1.47E-03	1.21E-04	2.57E-03	2.02E-04	3.05E-04	2.61E-05	5.57E-05	4.80E-06	1.61E-05	1.39E-06	3.81E-05	3.29E-06	5.70E-06	5.70E-06	2.16E-01	2.75E-02	4.05E-01	5.06E-02
1523	Gridded	2.84E-05	2.18E-06	6.31E-06	4.65E-07	3.20E-04	2.56E-05	3.38E-04	2.67E-05	4.16E-04	3.04E-05	7.46E-06	6.01E-07	1.27E-03	1.02E-04	1.56E-03	1.19E-04	2.77E-03	1.90E-04	3.24E-04	2.58E-05	5.91E-05	4.76E-06	1.71E-05	1.38E-06	4.04E-05	3.26E-06	5.37E-06	5.37E-06	1.99E-01	2.49E-02	3.26E-01	4.68E-02
1524	Gridded	2.88E-05	2.08E-06	6.46E-06	4.41E-07	3.21E-04	2.45E-05	3.41E-04	2.55E-05	4.26E-04	2.88E-05	7.49E-06	5.78E-07	1.28E-03	9.77E-05	1.59E-03	1.13E-04	2.96E-03	1.81E-04	3.26E-04	2.48E-05	5.93E-05	4.57E-06	1.72E-05	1.32E-06	4.06E-05	3.13E-06	4.99E-06	4.99E-06	1.82E-01	2.38E-02	3.29E-01	4.30E-02
1525	Gridded	2.78E-05	2.00E-06	6.36E-06	4.22E-07	3.04E-04	2.38E-05	3.25E-04	2.47E-05	4.21E-04	2.76E-05	7.06E-06	5.61E-07	1.21E-03	9.47E-05	1.54E-03	1.09E-04	3.15E-03	1.90E-04	3.08E-04	2.40E-05	5.59E-05	4.44E-06	1.62E-05	1.28E-06	3.82E-05	3.04E-06	4.68E-06	4.68E-06	1.94E-01	2.66E-02	3.38E-01	4.92E-02
1526	Gridded	2.59E-05	2.31E-06	6.10E-06	4.82E-07	2.73E-04	2.76E-05	2.96E-04	2.86E-05	4.05E-04	3.14E-05	6.31E-06	6.51E-07	1.08E-03	1.10E-04	1.44E-03	1.26E-04	3.36E-03	2.09E-04	2.78E-04	2.78E-05	4.99E-05	5.15E-06	1.45E-05	1.49E-06	3.42E-05	3.53E-06	5.26E-06	5.26E-06	2.07E-01	3.53E-02	3.85E-01	6.71E-02
1527	Gridded	3.42E-05	3.68E-06	7.66E-06	7.87E-07	3.83E-04	4.31E-05	4.06E-04	4.50E-05	5.05E-04	5.15E-05	8.93E-06	1.01E-06	1.52E-03	1.71E-04	1.88E-03	2.01E-04	3.52E-03	2.83E-04	3.88E-04	4.35E-05	7.07E-05	8.01E-06	2.05E-05	2.32E-06	4.84E-05	5.48E-06	8.78E-06	8.78E-06	2.82E-01	4.60E-02	6.04E-01	9.14E-02
1528	Gridded	2.84E-05	3.27E-06	6.36E-06	6.96E-07	3.17E-04	3.84E-05	3.37E-04	4.00E-05	4.20E-04	4.55E-05	7.41E-06	9.03E-07	1.26E-03	1.53E-04	1.56E-03	1.78E-04	3.50E-03	2.44E-04	3.22E-04	3.87E-05	5.86E-05	7.15E-06	1.70E-05	2.07E-06	4.01E-05	4.89E-06	7.68E-06	7.68E-06	2.40E-01	3.95E-02	5.71E-01	8.04E-02
1529	Gridded	2.04E-05	2.42E-06	4.52E-06	5.13E-07	2.30E-04	2.86E-05	2.43E-04	2.98E-05	2.99E-04	3.35E-05	5.38E-06	6.75E-07	9.15E-04	1.14E-04	1.12E-03	1.32E-04	3.46E-03	2.03E-04	2.33E-04	2.89E-05	4.26E-05	5.34E-06	1.23E-05	1.55E-06	2.91E-05	3.66E-06	5.58E-06	5.58E-06	1.96E-01	3.04E-02	4.51E-01	6.16E-02
1530	Gridded	2.01E-05	2.36E-06	4.44E-06	4.99E-07	2.28E-04	2.80E-05	2.41E-04	2.91E-05	2.92E-04	3.26E-05	5.33E-06	6.59E-07	9.06E-04	1.11E-04	1.10E-03	1.29E-04	3.46E-03	2.00E-04	2.31E-04	2.82E-05	4.22E-05	5.22E-06	1.22E-05	1.51E-06	2.89E-05	3.57E-06	5.39E-06	5.39E-06	1.87E-01	2.81E-02	4.51E-01	5.69E-02
1531	Gridded	2.59E-05	3.50E-06	5.49E-06	7.65E-07	3.05E-04	4.02E-05	3.18E-04	4.22E-05	3.59E-04	5.02E-05	7.19E-06	9.48E-07	1.22E-03	1.60E-04	1.41E-03	1.92E-04	1.88E-03	3.08E-04	3.08E-04	4.06E-05	5.69E-05	7.50E-06	1.65E-05	2.17E-06	3.89E-05	5.13E-06	8.98E-06	8.98E-06	2.72E-01	4.33E-02	5.78E-01	7.01E-02
1532	Gridded	2.46E-05	3.18E-06	5.18E-06	6.89E-07	2.93E-04	3.67E-05	3.05E-04	3.85E-05	3.38E-04	4.52E-05	6.92E-06	8.60E-07	1.17E-03	1.46E-04	1.34E-03	1.74E-04	1.90E-03	2.68E-04	2.96E-04	3.71E-05	5.48E-05	6.81E-06	1.59E-05	1.97E-06	3.75E-05	4.66E-06	7.96E-06	7.96E-06	2.52E-01	4.35E-02	6.61E-01	7.02E-02
1533	Gridded	2.43E-05	2.88E-06	5.19E-06	6.20E-07	2.84E-04	3.34E-05	2.96E-04	3.50E-05	3.40E-04	4.06E-05	6.67E-06	7.84E-07	1.13E-03	1.33E-04	1.33E-03	1.57E-04	1.88E-03	2.33E-04	2.87E-04	3.37E-05	5.28E-05	6.21E-06	1.53E-05	1.80E-06	3.61E-05	4.25E-06	7.06E-06	7.06E-06	2.74E-01	4.42E-02	7.09E-01	7.04E-02
1534	Gridded	2.12E-05	2.49E-06	4.47E-06	5.45E-07	2.52E-04	2.85E-05	2.61E-04	3.00E-05	2.92E-04	3.58E-05	5.93E-06	6.69E-07	1.00E-03	1.14E-04	1.16E-03	1.37E-04	2.00E-03	2.21E-04	2.54E-04	2.89E-05	4.70E-05	5.29E-06	1.36E-05	1.53E-06	3.21E-05	3.62E-06	6.42E-06	6.42E-06	2.71E-01	4.11E-02	6.67E-01	6.28E-02
1535	Gridded	1.73E-05	2.48E-06	3.71E-06	5.40E-07	2.02E-04	2.86E-05	2.11E-04	3.00E-05	2.43E-04	3.55E-05	4.76E-06	6.71E-07	8.05E-04	1.14E-04	9.46E-04	1.36E-04	2.84E-03	2.13E-04	2.04E-04	2.89E-05	3.77E-05	5.31E-06	1.09E-05	1.54E-06	2.58E-05	3.63E-06	6.28E-06	6.28E-06	2.44E-01	3.64E-02	5.86E-01	5.51E-02
1536	Gridded	1.98E-05	2.83E-06	4.24E-06	6.14E-07	2.31E-04	3.27E-05	2.41E-04	3.43E-05	2.78E-04	4.02E-05	5.42E-06	7.68E-07	9.18E-04	1.30E-04	1.08E-03	1.55E-04	1.92E-03	2.37E-04	2.33E-04	3.31E-05	4.29E-05	6.08E-06	1.24E-05	1.76E-06	2.94E-05	4.16E-06	7.07E-06	7.07E-06	2.48E-01	3.71E-02	5.88E-01	8.23E-02
1537	Gridded	2.25E-05	3.21E-06	4.74E-06	6.93E-07	2.68E-04	3.72E-05	2.78E-04	3.90E-05	3.11E-04	4.54E-05	6.32E-06	8.74E-07	1.07E-03	1.48E-04	1.23E-03	1.76E-04	2.00E-03	2.63E-04	2.70E-04	3.76E-05	5.00E-05	6.92E-06	1.45E-05	2.00E-06	3.42E-05	4.73E-06	7.92E-06	7.92E-06	3.18E-01	5.01E-02	6.76E-01	1.13E-01
1538	Gridded	2.24E-05	3.04E-06	4.83E-06	6.60E-07	2.61E-04	3.54E-05	2.73E-04	3.70E-05	3.16E-04	4.33E-05	6.14E-06	8.30E-07	1.04E-03	1.41E-04	1.23E-03	1.67E-04	1.80E-03	2.56E-04	2.64E-04	3.57E-05	4.86E-05	6.57E-06	1.41E-05	1.90E-06	3.32E-05	4.50E-06	7.62E-06	7.62E-06	3.05E-01	5.16E-02	6.15E-01	1.06E-01
1539	Gridded	2.19E-05	3.10E-06	4.72E-06	6.74E-07	2.54E-04	3.58E-05	2.66E-04	3.76E-05	3.09E-04	4.42E-05	5.97E-06	8.39E-07	1.01E-03	1.42E-04	1.20E-03	1.70E-04	1.78E-03	2.64E-04	2.57E-04	3.62E-05	4.73E-05	6.64E-06	1.37E-05	1.92E-06	3.24E-05	4.55E-06	7.81E-06	7.81E-06	2.91E-01	5.00E-02	5.68E-01	9.92E-02
1540	Gridded	2.22E-05	3.21E-06	4.75E-06	6.90E-07	2.60E-04	3.75E-05	2.71E-04	3.92E-05	3.11E-04	4.52E-05	6.11E-06	8.81E-07	1.03E-03	1.49E-04	1.21E-03	1.76E-04	1.72E-03	2.65E-04	2.62E-04	3.79E-05	4.83E-05	6.98E-06	1.40E-05	2.02E-06	3.31E-05	4.77E-06	7.78E-06	7.78E-06	2.59E-01	4.38E-02	5.40E-01	8.28E-02
1541	Gridded	2.37E-05	3.87E-06	5.10E-06	8.24E-07	2.76E-04	4.54E-05	2.89E-04	4.73E-05	3.34E-04	5.39E-05	6.49E-06	1.07E-06	1.10E-03	1.81E-04	1.30E-03	2.11E-04	1.89E-03	2.91E-04	2.79E-04	4.58E-05	5.13E-05	8.45E-06	1.49E-05	2.45E-06	3.51E-05	5.78E-06	9.11E-06	9.11E-06	2.72E-01	4.32E-02	6.28E-01	6.86E-02
1542	Gridded	2.48E-05	5.02E-06	5.34E-06	1.07E-06	2.88E-04	5.88E-05	3.01E-04	6.14E-05	3.50E-04	7.03E-05	6.75E-06	1.38E-06	1.14E-03	2.34E-04	1.35E-03	2.74E-04	2.06E-03	3.85E-04	2.91E-04	5.94E-05	5.35E-05	1.10E-05	1.55E-05	3.17E-06	3.66E-05	7.49E-06	1.20E-05	1.20E-05	3.42E-01	4.97E-02	7.92E-01	9.11E-02
1543	Gridded	2.44E-05	5.62E-06	5.30E-06	1.21E-06	2.82E-04	6.55E-05	2.94E-04	6.85E-05	3.48E-04	7.90E-05	6.65E-06	1.54E-06	1.12E-03	2.61E-04	1.33E-03	3.07E-04	2.10E-03	4.44E-04	2.85E-04	6.62E-05	5.26E-05	1.22E-05	1.52E-05	3.53E-06	3.60E-05	8.34E-06	1.36E-05	1.36E-05	4.08E-01	6.13E-02	9.16E-01	1.02E-01
1544	Gridded	2.78E-05	5.04E-06	5.93E-06	1.09E-06	3.27E-04	5.86E-05	3.41E-04	6.12E-05	3.88E-04	7.16E-05	7.68E-06	1.38E-06	1.30E-03	2.33E-04	1.52E-03	2.76E-04	2.09E-03	4.19E-04	3.30E-04	5.91E-05	6.08E-05	1.09E-05	1.76E-05	3.16E-06	4.16E-05	7.47E-06	1.25E-05	1.25E-05	3.10E-01	5.99E-02	6.31E-01	9.67E-02
1545	Gridded	2.96E-05	6.19E-06	6.22E-06	1.32E-06	3.51E-04	7.25E-05	3.65E-04	7.57E-05	4.06E-04	8.67E-05	8.28E-06	1.71E-06	1.40E-03	2.89E-04	1.61E-03	3.38E-04	2.22E-03	4.76E-04	3.54E-04	7.32E-05	6.55E-05	1.35E-05	1.90E-05	3.91E-06	4.48E-05	9.24E-06	1.48E-05	1.48E-05	3.19E-01	6.55E-02	5.41E-01	1.10E-01
1546	Gridded	3.15E-05	7.86E-06	6.74E-06	1.69E-06	3.70E-04	9.12E-05	3.86E-04	9.55E-05	4.41E-04	1.11E-04	8.70E-06	2.14E-06	1.47E-03	3.63E-04	1.72E-03	4.30E-04	2.40E-03	6.39E-04	3.73E-04	9.21E-05	6.89E-05	1.70E-05	1.99E-05	4.91E-06	4.71E-05	1.16E-05	1.93E-05	1.93E-05	2.90E-01	7.78E-02	6.39E-01	1.15E-01
1547	Gridded	3.49E-05	9.55E-06	7.34E-06	2.08E-06	4.14E-04	1.10E-04	4.30E-04	1.16E-04	4.79E-04	1.36E-04	9.77E-06	2.58E-06	1.65E-03	4.38E-04	1.90E-03	5.23E-04	2.40E-03	8.13E-04	4.18E-04	1.11E-04	7.73E-05	2.04E-05	2.24E-05	5.92E-06	5.29E-05	1.40E-05	2.41E-05	2.41E-05	4.02E-01	8.32E-02	1.08E+00	1.46E-01
1548	Gridded	3.41E-05	9.62E-06	7.23E-06	2.10E-06	4.03E-04	1.10E-04	4.19E-04	1.16E-04	4.72E-04	1.38E-04	9.48E-06	2.58E-06	1.60E-03	4.38E-04	1.86E-03	5.27E-04	2.47E-03	8.51E-04	4.06E-04	1.12E-04	7.51E-05	2.05E-05	2.17E-05	5.92E-06	5.14E-05	1.40E-05	2.48E-05	2.48E-05	3.54E-01	9.69E-02	7.90E-01	1.46E-01
1549	Gridded	3.99E-05	7.12E-06	8.12E-06	1.58E-06	4.89E-04	8.06E-05	5.02E-04	8.51E-05	5.28E-04	1.04E-04	1.16E-05	1.90E-06	1.95E-03	3.21E-04	2.16E-03	3.91E-04	2.51E-03	6.76E-04	4.92E-04	8.15E-05	9.16E-05	1.51E-05	2.65E-05	4.36E-06	6.27E-05	1.03E-05	1.91E-05	1.91E-05	3.53E-01	7.62E-02	6.11E-01	1.19E-01
1550	Gridded	4.30E-05	5.84E-06	9.10E-06	1.27E-06	5.08E-04	6.89E-05	5.29E-04	7.16E-05	5.94E-04	8.31E-05	1.20E-05	1.63E-06	2.02E-03	2.75E-04	2.34E-03	3.20E-04	3.08E-03	4.93E-04	5.12E-04	6.95E-05	9.47E-05	1.29E-05	2.74E-05	3.72E-06	6.48E-05	8.80E-06	1.46E-05	1.46E-05	3.71E-01	8.39E-02	5.61E-01	1.22E-01
1551	Gridded	3.56E-05	5.53E-06	7.42E-06	1.21E-06	4.37E-04	6.37E-05	4.47E-04	6.67E-05	4.85E-04	7.91E-05	1.04E-05	1.51E-06	1.74E-03	2.54E-04	1.93E-03	3.03E-04	3.92E-03	4.81E-04	4.39E-04	6.42E-05	8.21E-05	1.19E-05	2.38E-05	3.45E-06	5.62E-05	8.16E-06	1.41E-05	1.41E-05	3.83E-01	6.82E-02	6.64E-01	9.50E-02
1552	Gridded	4.59E-05	8.68E-06	9.08E-06	1.81E-06	5.76E-04	1.08E-04	5.87E-04	1.10E-04	5.86E-04	1.18E-04	1.37E-05	2.57E-06	2.30E-03	4.31E-04	2.48E-03	4.72E-04	2.47E-03	6.00E-04	5.78E-04	1.09E-04	1.08E-04	2.03E-05	3.14E-05	5.89E-06	7.42E-05	1.39E-05	1.88E-05	1.88E-05	4.32E-01	8.77E-02	4.99E-01	1.53E-01
1553	Gridded	5.22E-05	1.40E-05	1.05E-05	2.95E-06	6.47E-04	1.67E-04	6.62E-04	1.74E-04	6.80E-04	1.93E-04	1.53E-05	3.94E-06	2.58E-03	6.66E-04	2.83E-03	7.65E-04	2.69E-03	9.53E-04	6.50E-04	1.69E-04	1.21E-04	3.12E-05	3.52E-05	9.03E-06	8.31E-05	2.13E-05	3.14E-05	3.14E-05	4.20E-01	1.58E-01	8.27E-01	1.74E-01
1554	Gridded	4.54E-05	8.19E-06	1.03E-05	1.71E-06	5.00E-04	9.78E-05	5.33E-04	1.01E-04	6.80E-04	1.12E-04	1.16E-05	2.31E-06	1.99E-03	3.90E-04	2.50E-03	4.45E-04	4.93E-03	5.53E-04	5.08E-04	9.86E-05	9.22E-05	1.83E-05	2.67E-05	5.29E-06	6.31E-05	1.25E-05	1.80E-05	1.80E-05	4.51E-01	8.19E-02	7.97E-01	1.13E-01
1555	Gridded	6.23E-05	8.88E-06	1.33E-05	1.90E-06	7.32E-04	1.04E-04	7.63E-04	1.08E-04	8.69E-04	1.25E-04	1.72E-05	2.44E-06	2.91E-03	4.13E-04	3.40E-03	4.85E-04	4.69E-03	7.47E-04	7.39E-04	1.05E-04	1.36E-04	1.93E-05	3.95E-05	5.59E-06	9.33E-05	1.32E-05	2.13E-05	2.13E-05	4.59E-01	1.17E-01	6.94E-01	1.35E-01
1556	Gridded	6.16E-05	1.06E-05	1.39E-05	2.26E-06	6.82E-04	1.24E-04	7.26E-04	1.29E-04	9.20E-04	1.48E-04	1.59E-05	2.91E-06	2.71E-03	4.93E-04	3.39E-03	5.77E-04	6.55E-03	8.09E-04	6.92E-04	1.25E-04	1.26E-04	2.31E-05	3.64E-05	6.67E-06	8.60E-05	1.58E-05	2.51E-05	2.51E-05	5.10E-01	1.76E-01	7.33E-01	2.17E-01
1557	Gridded	5.53E-05	1.05E-05	1.20E-05	2.26E-06	6.39E-04	1.23E-04	6.70E-04	1.28E-04	7.87E-04	1.48E-04	1.50E-05	2.89E-06	2.54E-03	4.89E-04	3.03E-03	5.74E-04	4.65E-03	8.24E-04	6.45E-04	1.24E-04	1.19E-04	2.28E-05	3.43E-05	6.61E-06	8.12E-05	1.56E-05	2.53E-05	2.53E-05	5.55E-01	1.73E-01	1.24E+00	1.89E-01
1558	Gridded	6.52E-05	6.47E-06	1.41E-05	1.42E-06	7.56E-04	7.39E-05	7.92E-04	7.78E-05	9.24E-04	9.33E-05	1.77E-05	1.73E-06	3.01E-03	2.94E-04	3.57E-03	3.55E-04	5.44E-03	5.84E-04	7.64E-04	7.47E-05	1.41E-04	1.37E-05	4.07E-05	3.96E-06	9.61E-05	9.37E-06	1.68E-05	1.68E-05	4.50E-01	1.17E-01	6.46E-01	1.52E-01
1559	Gridded	7.26E-05	6.71E-06	1.53E-05	1.43E-06	8.60E-04	7.88E-05	8.94E-04	8.22E-05	1.00E-03	9.36E-05	2.03E-05	1.85E-06	3.43E-03	3.14E-04	3.96E-03	3.66E-04	5.86E-03	5.04E-04	8.68E-04	7.96E-05	1.60E-04	1.47E-05	4.64E-05	4.25E-06	1.10E-04	1.00E-05	1.58E-05	1.58E-05	5.41E-01	7.56E-02	9.40E-01	8.84E-02
1560	Gridded	6.70E-05	6.12E-06	1.49E-05	1.27E-06	7.55E-04	7.35E-05	7.99E-04	7.61E-05	9.81E-04	8.29E-05	1.76E-05	1.74E-06	3.00E-03	2.93E-04	3.68E-03	3.33E-04	6.52E-03	5.35E-04	7.65E-04	7.41E-05	1.40E-04	1.37E-05	4.04E-05	3.98E-06	9.55E-05	9.41E-06	1.48E-05	1.48E-05	6.27E-01	9.79E-02	1.17E+00	1.24E-01
1561	Gridded	4.64E-05	5.45E-06	1.03E-05	1.14E-06	5.27E-04	6.54E-05	5.56E-04	6.77E-05	6.75E-04	7.39E-05	1.23E-05	1.54E-06	2.09E-03	2.60E-04	2.55E-03	2.96E-04	4.35E-03	3.76E-04	5.33E-04	6.59E-05	9.75E-05	1.22E-05	2.82E-05	3.54E-06	6.67E-05	8.36E-06	1.18E-05	1.18E-05	7.08E-01	6.24E-02	1.25E+00	8.82E-02
1562	Gridded	3.50E-05	8.55E-06	7.83E-06	1.85E-06	3.91E-04	9.89E-05	4.15E-04	1.04E-04	5.17E-04	1.21E-04	9.13E-06	2.32E-06	1.55E-03	3.94E-04	1.92E-03	4.68E-04	3.54E-03	7.13E-04	3.96E-04	1.00E-04	7.23E-05	1.84E-05	2.09E-05	5.32E-06	4.94E-05	1.26E-05	2.13E-05	2.13E-05	4.73E-01	8.03E-02	1.07E+00	9.59E-02
1563	Gridded	3.31E-05	8.96E-06	7.36E-06	1.92E-06	3.73E-04	1.05E-04	3.95E-04	1.09E-04	4.84E-04	1.25E-04	8.72E-06	2.47E-06	1.48E-03	4.17E-04	1.82E-03	4.89E-04	3.21E-03	6.89E-04	3.78E-04	1.06E-04	6.90E-05	1.95E-05	2.00E-05	5.65E-06	4.72E-05	1.34E-05	2.14E-05	2.14E-05	4.33E-01	8.06E-02	6.60E-01	1.32E-01
1564	Gridded	3.91E-05	6.93E-06	8.74E-06	1.50E-06	4.38E-04	8.02E-05	4.64E-04	8.41E-05	5.76E-04	9.83E-05	1.02E-05	1.88E-06	1.74E-03	3.19E-04	2.15E-03	3.79E-04	3.93E-03	5.73E-04	4.43E-04	8.11E-05	8.08E-05	1.49E-05	2.34E-05	4.32E-06	5.53E-05	1.02E-05	1.72E-05	1.72E-05	4.26E-01	6.80E-02	7.72E-01	1.03E-01
1565	Gridded	4.12E-05	4.01E-06	9.23E-06	8.56E-07	4.60E-04	4.70E-05	4.88E-04	4.90E-05	6.09E-04	5.60E-05	1.07E-05	1.11E-06	1.83E-03	1.87E-04	2.27E-03	2.19E-04	4.19E-03	3.16E-04	4.66E-04	4.75E-05	8.50E-05	8.75E-06	2.46E-05	2.53E-06	5.81E-05	5.99E-06	9.49E-06	9.49E-06	3.50E-01	4.50E-02	5.48E-01	8.12E-02
1566	Gridded	4.09E-05	3.46E-06	9.16E-06	7.23E-07	4.57E-04	4.14E-05	4.85E-04	4.29E-05	6.04E-04	4.71E-05	1.07E-05	9.76E-07	1.82E-03	1.65E-04	2.25E-03	1.88E-04	4.15E-03	3.11E-04	4.63E-04	4.17E-05	8.44E-05	7.73E-06	2.44E-05	2.24E-06	5.77E-05	5.29E-06	8.58E-06	8.58E-06	3.36E-01	3.29E-02	5.48E-01	5.27E-02
1567	Gridded	3.94E-05	2.99E-06	8.81E-06	6.62E-07	4.41E-04	3.39E-05	4.68E-04	3.58E-05	5.81E-04	4.35E-05	1.03E-05	7.93E-07	1.75E-03	1.35E-04	2.17E-03	1.64E-04	3.96E-03	2.95E-04	4.47E-04	3.43E-05	8.15E-05	6.28E-06	2.36E-05	1.82E-06	5.58E-05	4.30E-06	8.14E-06	8.14E-06	3.36E-01	3.93E-02	6.04E-01	6.07E-02
1568	Gridded	3.73E-05	3.82E-06	8.34E-06	8.48E-07	4.19E-04	4.31E-05	4.44E-04	4.55E-05	5.50E-04	5.59E-05	9.78E-06	1.01E-06	1.66E-03	1.71E-04	2.05E-03	2.10E-04	3.72E-03	3.70E-04	4.24E-04	4.36E-05	7.74E-05	7.96E-06	2.24E-05	2.31E-06	5.30E-05	5.45E-06	1.03E-05	1.03E-05	3.52E-01	4.23E-02	6.40E-01	6.84E-02
1569	Gridded	3.51E-05	4.26E-06	7.82E-06	9.51E-07	3.94E-04	4.77E-05	4.17E-04	5.06E-05	5.16E-04	6.27E-05	9.20E-06	1.11E-06	1.57E-03	1.90E-04	1.93E-03	2.34E-04	3.48E-03	4.26E-04	3.99E-04	4.84E-05	7.28E-05	8.82E-06	2.11E-05	2.55E-06	4.98E-05	6.03E-06	1.18E-05	1.18E-05	2.75E-01	3.42E-02	5.07E-01	5.07E-02
1570	Gridded	3.27E-05	4.25E-06	7.29E-06	9.54E-07	3.68E-04	4.74E-05	3.89E-04	5.03E-05	4.80E-04	6.29E-05	8.58E-06	1.10E-06	1.46E-03	1.88E-04	1.80E-03	2.34E-04	3.23E-03	4.36E-04	3.72E-04	4.80E-05	6.79E-05	8.75E-06	1.97E-05	2.53E-06	4.65E-05	5.98E-06	1.19E-05	1.19E-05	2.37E-01	3.21E-02	4.57E-01	5.23E-02
1571	Gridded	3.03E-05	4.10E-06	6.76E-06	9.26E-07	3.41E-04	4.55E-05	3.61E-04	4.84E-05	4.45E-04	6.11E-05	7.96E-06	1.06E-06	1.35E-03	1.81E-04	1.67E-03	2.26E-04	2.99E-03	4.32E-04	3.45E-04	4.62E-05	6.30E-05	8.40E-06	1.82E-05	2.43E-06	4.31E-05	5.75E-06	1.17E-05	1.17E-05	3.29E-01	3.85E-02	4.32E-01	7.29E-02
1572	Gridded	2.78E-05	3.70E-06	6.21E-06	8.13E-07	3.13E-04	4.39E-05	3.31E-04	4.56E-05	4.09E-04	5.37E-05	7.30E-06	1.03E-06	1.24E-03	1.75E-04	1.53E-03	2.01E-04	2.75E-03	3.85E-04	3.17E-04	4.42E-05	5.78E-05	8.18E-06	1.67E-05	2.37E-06	3.95E-05	5.60E-06	1.03E-05	1.03E-05	3.22E-01	4.29E-02	5.36E-01	8.45E-02
1573	Gridded	2.52E-05	2.64E-06	5.62E-06	5.99E-07	2.83E-04	2.92E-05	3.00E-04	3.11E-05	3.71E-04	3.96E-05	6.60E-06	6.79E-07	1.12E-03	1.16E-04	1.39E-03	1.46E-04	2.51E-03	2.85E-04	2.86E-04	2.96E-05	5.22E-05	5.38E-06	1.51E-05	1.56E-06	3.57E-05	3.68E-06	7.64E-06	7.64E-06	1.88E-01	2.99E-02	3.41E-01	4.74E-02
1574	Gridded	2.24E-05	2.15E-06	5.01E-06	4.87E-07	2.51E-04	2.37E-05	2.66E-04	2.52E-05	3.30E-04	3.22E-05	5.85E-06	5.51E-07	9.96E-04	9.40E-05	1.23E-03	1.18E-04	2.25E-03	2.33E-04	2.54E-04	2.40E-05	4.63E-05	4.36E-06	1.34E-05	1.26E-06	3.17E-05	2.98E-06	6.23E-06	6.23E-06	2.16E-01	3.02E-02	3.72E-01	4.93E-02
1575	Gridded	1.95E-05	2.00E-06	4.37E-06	4.40E-07	2.18E-04	2.29E-05	2.31E-04	2.39E-05	2.88E-04	2.89E-05	5.08E-06	5.39E-07	8.65E-04	9.11E-05	1.07E-03	1.10E-04	1.98E-03	1.88E-04	2.21E-04	2.31E-05	4.02E-05	4.27E-06	1.16E-05	1.23E-06	2.75E-05	2.92E-06	5.27E-06	5.27E-06	2.49E-01	2.94E-02	4.26E-01	5.00E-02
1576	Gridded	1.65E-05	2.02E-06	3.68E-06	4.39E-07	2.04E-04	2.42E-05	2.08E-04	2.51E-05	2.43E-04	2.89E-05	4.85E-06	5.71E-07	8.14E-04	9.63E-05	9.04E-04	1.10E-04	1.69E-03	1.84E-04	2.05E-04	2.44E-05	3.84E-05	4.52E-06	1.11E-05	1.31E-06	2.63E-05	3.09E-06	5.26E-06	5.26E-06	2.76E-01	2.71E-02	4.57E-01	4.58E-02
1577	Gridded	2.40E-05	2.51E-06	4.77E-06	5.18E-07	3.00E-04	3.03E-05	3.07E-04	3.13E-05	3.08E-04	3.37E-05	7.14E-06	7.16E-07	1.20E-03	1.21E-04	1.30E-03	1.36E-04	1.64E-03	1.90E-04	3.02E-04	3.05E-05	5.65E-05	5.67E-06	1.64E-05	1.64E-06	3.87E-05	3.88E-06	5.46E-06	5.46E-06	3.51E-01	2.90E-02	5.81E-01	5.18E-02
1578	Gridded	3.65E-05	3.12E-06	7.34E-06	6.38E-07	4.52E-04	3.81E-05	4.63E-04	3.92E-05	4.75E-04	4.14E-05	1.07E-05	9.01E-07	1.80E-03	1.52E-04	1.97E-03	1.69E-04	1.93E-03	2.30E-04	4.54E-04	3.83E-05	8.49E-05	7.14E-06	2.46E-05	2.07E-06	5.81E-05	4.88E-06	6.82E-06	6.82E-06	4.16E-01	3.18E-02	7.12E-01	5.60E-02
1579	Gridded	3.21E-05	2.48E-06	6.47E-06	5.35E-07	3.96E-04	2.98E-05	4.06E-04	3.06E-05	4.19E-04	3.50E-05	9.40E-06	7.06E-07	1.58E-03	1.19E-04	1.74E-03	1.36E-04	2.05E-03	1.99E-04	3.99E-04	3.00E-05	7.44E-05	5.59E-06	2.16E-05	1.62E-06	5.09E-05	3.82E-06	6.05E-06	6.05E-06	3.56E-01	2.72E-02	6.18E-01	4.55E-02
1580	Gridded	2.61E-05	2.12E-06	5.24E-06	4.51E-07	3.22E-04	2.49E-05	3.30E-04	2.60E-05	3.39E-04	2.95E-05	7.64E-06	5.87E-07	1.28E-03	9.93E-05	1.41E-03	1.16E-04	2.18E-03	1.76E-04	3.24E-04	2.52E-05	6.05E-05	4.65E-06	1.75E-05	1.34E-06	4.14E-05	3.18E-06	4.96E-06	4.96E-06	2.95E-01	2.37E-02	5.20E-01	4.04E-02
1581	Gridded	2.97E-05	2.33E-06	5.99E-06	4.95E-07	3.66E-04	2.74E-05	3.75E-04	2.85E-05	3.88E-04	3.23E-05	8.68E-06	6.44E-07	1.46E-03	1.09E-04	1.61E-03	1.27E-04	2.35E-03	1.88E-04	3.68E-04	2.76E-05	6.87E-05	5.10E-06	1.99E-05	1.48E-06	4.70E-05	3.49E-06	5.44E-06	5.44E-06	2.87E-01	2.79E-02	5.25E-01	4.93E-02
1582	Gridded	3.35E-05	3.21E-06	7.18E-06	7.00E-07	3.92E-04	3.68E-05	4.09E-04	3.87E-05	4.70E-04	4.59E-05	9.21E-06	8.64E-07	1.56E-03	1.47E-04	1.83E-03	1.76E-04	2.61E-03	2.79E-04	3.95E-04	3.73E-05	7.29E-05	6.84E-06	2.11E-05	1.98E-06	4.99E-05	4.68E-06	8.18E-06	8.18E-06	2.72E-01	4.14E-02	8.05E-01	6.96E-02
1583	Gridded	2.67E-05	3.10E-06	5.63E-06	6.72E-07	3.16E-04	3.58E-05	3.28E-04	3.75E-05	3.68E-04	4.41E-05	7.44E-06	8.39E-07	1.26E-03	1.42E-04	1.45E-03	1.70E-04	2.17E-03	2.61E-04	3.19E-04	3.62E-05	5.89E-05	6.65E-06	1.70E-05	1.92E-06	4.03E-05	4.55E-06	7.75E-06	7.75E-06	2.62E-01	3.96E-02	6.72E-01	8.60E-02
1584	Gridded	2.32E-05	2.96E-06	4.91E-06	6.39E-07	2.74E-04	3.43E-05	2.85E-04	3.60E-05	3.21E-04	4.19E-05	6.46E-06	8.06E-07	1.09E-03	1.37E-04	1.26E-03	1.62E-04	1.98E-03	2.43E-04	2.77E-04	3.47E-05	5.11E-05	6.38E-06	1.48E-05	1.85E-06	3.50E-05	4.37E-06	7.30E-06	7.30E-06	2.66E-01	4.33E-02	6.13E-01	9.63E-02
1585	Gridded	2.36E-05	3.12E-06	4.92E-06	6.71E-07	2.82E-04	3.62E-05	2.93E-04	3.79E-05	3.21E-04	4.40E-05	6.67E-06	8.51E-07	1.13E-03	1.44E-04	1.28E-03	1.70E-04	2.69E-03	2.51E-04	2.85E-04	3.66E-05	5.28E-05	6.74E-06	1.53E-05	1.95E-06	3.61E-05	4.61E-06	7.62E-06	7.62E-06	3.06E-01	5.24E-02	6.48E-01	1.14E-01
1586	Gridded	1.92E-05	3.06E-06	4.17E-06	6.58E-07	2.33E-04	3.57E-05	2.40E-04	3.73E-05	2.74E-04	4.31E-05	5.52E-06	8.38E-07	9.29E-04	1.42E-04	1.05E-03	1.67E-04	3.46E-03	2.44E-04	2.34E-04	3.60E-05	4.37E-05	6.63E-06	1.27E-05	1.92E-06	2.99E-05	4.54E-06	7.43E-06	7.43E-06	3.03E-01	5.56E-02	6.34E-01	1.14E-01
1587	Gridded	1.80E-05	2.80E-06	3.89E-06	6.01E-07	2.09E-04	3.26E-05	2.19E-04	3.41E-05	2.55E-04	3.94E-05	4.91E-06	7.65E-07	8.32E-04	1.30E-04	9.85E-04	1.53E-04	1.97E-03	2.23E-04	2.11E-04	3.29E-05	3.88E-05	6.06E-06	1.12E-05	1.75E-06	2.66E-05	4.14E-06	6.80E-06	6.80E-06	2.74E-01	4.69E-02	5.76E-01	9.45E-02
1588	Gridded	1.90E-05	3.24E-06	4.12E-06	6.96E-07	2.20E-04	3.78E-05	2.31E-04	3.96E-05	2.70E-04	4.56E-05	5.17E-06	8.89E-07	8.76E-04	1.51E-04	1.04E-03	1.77E-04	1.58E-03	2.56E-04	2.22E-04	3.82E-05	4.09E-05	7.04E-06	1.18E-05	2.04E-06	2.80E-05	4.82E-06	7.84E-06	7.84E-06	2.42E-01	4.15E-02	5.62E-01	8.14E-02
1589	Gridded	1.91E-05	3.62E-06	4.14E-06	7.78E-07	2.20E-04	4.23E-05	2.31E-04	4.42E-05	2.72E-04	5.09E-05	5.16E-06	9.94E-07	8.74E-04	1.68E-04	1.04E-03	1.98E-04	1.62E-03	2.85E-04	2.22E-04	4.27E-05	4.08E-05	7.87E-06	1.18E-05	2.28E-06	2.79E-05	5.38E-06	8.74E-06	8.74E-06	2.35E-01	3.78E-02	5.60E-01	6.18E-02
1590	Gridded	1.86E-05	4.05E-06	4.05E-06	8.70E-07	2.15E-04	4.72E-05	2.25E-04	4.94E-05	2.65E-04	5.70E-05	5.04E-06	1.11E-06	8.54E-04	1.88E-04	1.02E-03	2.21E-04	1.60E-03	3.20E-04	2.17E-04	4.77E-05	3.99E-05	8.78E-06	1.15E-05	2.54E-06	2.73E-05	6.01E-06	9.80E-06	9.80E-06	2.27E-01	3.79E-02	5.86E-01	6.86E-02
1591	Gridded	1.80E-05	4.25E-06	3.93E-06	9.17E-07	2.08E-04	4.94E-05	2.17E-04	5.17E-05	2.58E-04	6.00E-05	4.89E-06	1.16E-06	8.27E-04	1.97E-04	9.85E-04	2.33E-04	1.60E-03	3.43E-04	2.10E-04	5.00E-05	3.87E-05	9.19E-06	1.12E-05	2.66E-06	2.65E-05	6.29E-06	1.04E-05	1.04E-05	2.56E-01	4.40E-02	4.95E-01	7.44E-02
1592	Gridded	2.17E-05	4.42E-06	4.65E-06	9.56E-07	2.53E-04	5.11E-05	2.64E-04	5.35E-05	3.04E-04	6.27E-05	5.94E-06	1.20E-06	1.01E-03	2.03E-04	1.18E-03	2.42E-04	1.70E-03	3.68E-04	2.55E-04	5.16E-05	4.71E-05	9.49E-06	1.36E-05	2.75E-06	3.22E-05	6.49E-06	1.10E-05	1.10E-05	2.81E-01	4.89E-02	7.02E-01	7.62E-02
1593	Gridded	2.38E-05	5.10E-06	5.15E-06	1.09E-06	2.76E-04	5.97E-05	2.89E-04	6.23E-05	3.38E-04	7.13E-05	6.47E-06	1.40E-06	1.10E-03	2.38E-04	1.30E-03	2.78E-04	1.97E-03	3.91E-04	2.78E-04	6.03E-05	5.12E-05	1.11E-05	1.48E-05	3.22E-06	3.50E-05	7.61E-06	1.21E-05	1.21E-05	3.36E-01	5.31E-02	6.92E-01	9.27E-02
1594	Gridded	2.71E-05	6.08E-06	5.80E-06	1.31E-06	3.17E-04	7.06E-05	3.31E-04	7.40E-05	3.79E-04	8.59E-05	7.46E-06	1.66E-06	1.26E-03	2.81E-04	1.48E-03	3.33E-04	2.09E-03	4.92E-04	3.20E-04	7.14E-05	5.91E-05	1.31E-05	1.71E-05	3.80E-06	4.04E-05	8.99E-06	1.49E-05	1.49E-05	3.79E-01	6.18E-02	6.46E-01	1.01E-01
1595	Gridded	2.51E-05	6.77E-06	5.42E-06	1.47E-06	2.91E-04	7.81E-05	3.05E-04	8.19E-05	3.55E-04	9.64E-05	6.83E-06	1.83E-06	1.16E-03	3.11E-04	1.37E-03	3.70E-04	2.06E-03	5.73E-04	2.94E-04	7.89E-05	5.41E-05	1.45E-05	1.57E-05	4.20E-06	3.70E-05	9.92E-06	1.70E-05	1.70E-05	2.91E-01	6.26E-02	6.28E-01	9.66E-02
1596	Gridded	2.72E-05	7.48E-06	5.79E-06	1.63E-06	3.20E-04	8.59E-05	3.34E-04	9.03E-05	3.79E-04	1.07E-04	7.54E-06	2.01E-06	1.28E-03	3.42E-04	1.49E-03	4.10E-04	2.01E-03	6.54E-04	3.23E-04	8.69E-05	5.97E-05	1.59E-05	1.73E-05	4.62E-06	4.09E-05	1.09E-05	1.91E-05	1.91E-05	3.02E-01	6.27E-02	7.64E-01	1.11E-01
1597	Gridded	2.68E-05	7.86E-06	5.72E-06	1.72E-06	3.15E-04	8.99E-05	3.28E-04	9.46E-05	3.74E-04	1.13E-04	7.41E-06	2.10E-06	1.25E-03	3.57E-04	1.46E-03	4.31E-04	2.07E-03	7.06E-04	3.18E-04	9.09E-05	5.86E-05	1.67E-05	1.70E-05	4.82E-06	4.01E-05	1.14E-05	2.04E-05	2.04E-05	2.93E-01	7.61E-02	7.90E-01	1.22E-01
1598	Gridded	3.22E-05	7.49E-06	6.76E-06	1.65E-06	3.83E-04	8.52E-05	3.98E-04	8.99E-05	4.41E-04	1.09E-04	9.04E-06	1.99E-06	1.53E-03	3.39E-04	1.75E-03	4.11E-04	2.43E-03	6.93E-04	3.86E-04	8.62E-05	7.16E-05	1.58E-05	2.07E-05	4.57E-06	4.90E-05	1.08E-05	1.98E-05	1.98E-05	3.34E-01	7.70E-02	7.09E-01	1.15E-01

Scenario 1 Results

1599	Gridded	3.60E-05	6.58E-06	7.63E-06	1.39E-06	4.25E-04	7.79E-05	4.42E-04	8.10E-05	4.98E-04	9.08E-05	1.00E-05	1.84E-06	1.69E-03	3.10E-04	1.96E-03	3.59E-04	2.60E-03	5.38E-04	4.28E-04	7.86E-05	7.92E-05	1.45E-05	2.29E-05	4.21E-06	5.42E-05	9.95E-06	1.55E-05	1.55E-05	4.09E-01	8.86E-02	9.88E-01	1.71E-01
1600	Gridded	3.72E-05	5.93E-06	7.83E-06	1.29E-06	4.43E-04	6.83E-05	4.60E-04	7.17E-05	5.11E-04	8.46E-05	1.04E-05	1.60E-06	1.76E-03	2.72E-04	2.03E-03	3.24E-04	2.53E-03	5.07E-04	4.47E-04	6.90E-05	8.27E-05	1.27E-05	2.39E-05	3.67E-06	5.66E-05	8.67E-06	1.50E-05	1.50E-05	3.62E-01	9.82E-02	7.56E-01	1.42E-01
1601	Gridded	3.50E-05	5.60E-06	7.23E-06	1.20E-06	4.23E-04	6.54E-05	4.37E-04	6.84E-05	4.70E-04	7.86E-05	1.00E-05	1.54E-06	1.69E-03	2.60E-04	1.90E-03	3.06E-04	3.17E-03	4.37E-04	4.26E-04	6.61E-05	7.95E-05	1.22E-05	2.30E-05	3.52E-06	5.44E-05	8.33E-06	1.35E-05	1.35E-05	3.59E-01	6.73E-02	6.11E-01	1.07E-01
1602	Gridded	4.12E-05	7.88E-06	8.28E-06	1.58E-06	5.09E-04	9.77E-05	5.22E-04	1.00E-04	5.36E-04	1.02E-04	1.21E-05	2.32E-06	2.03E-03	3.90E-04	2.23E-03	4.26E-04	2.44E-03	5.03E-04	5.12E-04	9.82E-05	9.57E-05	1.84E-05	2.77E-05	5.32E-06	6.55E-05	1.26E-05	1.51E-05	1.51E-05	3.83E-01	7.54E-02	5.95E-01	1.18E-01
1603	Gridded	4.62E-05	1.25E-05	9.21E-06	2.70E-06	5.76E-04	1.48E-04	5.88E-04	1.54E-04	5.95E-04	1.76E-04	1.37E-05	3.49E-06	2.30E-03	5.90E-04	2.50E-03	6.85E-04	2.70E-03	9.94E-04	5.79E-04	1.50E-04	1.08E-04	2.77E-05	3.13E-05	8.01E-06	7.41E-05	1.89E-05	3.04E-05	3.04E-05	4.07E-01	1.56E-01	4.74E-01	2.19E-01
1604	Gridded	4.32E-05	7.11E-06	9.27E-06	1.61E-06	5.26E-04	8.44E-05	5.42E-04	8.75E-05	6.07E-04	1.06E-04	1.25E-05	1.99E-06	2.10E-03	3.36E-04	2.36E-03	3.92E-04	3.40E-03	7.51E-04	5.30E-04	8.51E-05	9.86E-05	1.58E-05	2.85E-05	4.56E-06	6.75E-05	1.08E-05	2.03E-05	2.03E-05	4.77E-01	8.58E-02	9.08E-01	1.05E-01
1605	Gridded	3.76E-05	9.15E-06	8.43E-06	1.91E-06	4.66E-04	1.10E-04	4.77E-04	1.13E-04	5.60E-04	1.25E-04	1.11E-05	2.58E-06	1.86E-03	4.36E-04	2.03E-03	4.98E-04	4.52E-03	6.66E-04	4.68E-04	1.10E-04	8.76E-05	2.05E-05	2.53E-05	5.92E-06	5.99E-05	1.40E-05	2.07E-05	2.07E-05	3.74E-01	8.84E-02	5.17E-01	1.27E-01
1606	Gridded	6.25E-05	7.30E-06	1.36E-05	1.62E-06	7.18E-04	8.27E-05	7.54E-04	8.74E-05	8.93E-04	1.06E-04	1.68E-05	1.93E-06	2.86E-03	3.29E-04	3.42E-03	4.01E-04	5.40E-03	6.92E-04	7.26E-04	8.37E-05	1.33E-04	1.53E-05	3.86E-05	4.43E-06	9.12E-05	1.05E-05	1.95E-05	1.95E-05	3.70E-01	9.35E-02	6.36E-01	1.11E-01
1607	Gridded	5.54E-05	8.68E-06	1.24E-05	1.87E-06	6.19E-04	1.01E-04	6.57E-04	1.05E-04	8.18E-04	1.23E-04	1.44E-05	2.36E-06	2.46E-03	4.00E-04	3.05E-03	4.75E-04	5.62E-03	7.12E-04	6.27E-04	1.02E-04	1.14E-04	1.87E-05	3.31E-05	5.42E-06	7.82E-05	1.28E-05	2.14E-05	2.14E-05	4.10E-01	1.28E-01	6.62E-01	1.64E-01
1608	Gridded	5.14E-05	1.05E-05	1.10E-05	2.22E-06	6.01E-04	1.24E-04	6.28E-04	1.29E-04	7.20E-04	1.45E-04	1.41E-05	2.93E-06	2.39E-03	4.95E-04	2.81E-03	5.72E-04	4.10E-03	7.36E-04	6.07E-04	1.25E-04	1.12E-04	2.32E-05	3.24E-05	6.71E-06	7.66E-05	1.59E-05	2.39E-05	2.39E-05	5.01E-01	1.25E-01	9.15E-01	1.53E-01
1609	Gridded	4.77E-05	7.74E-06	1.05E-05	1.60E-06	5.45E-04	9.34E-05	5.74E-04	9.65E-05	6.87E-04	1.04E-04	1.28E-05	2.21E-06	2.17E-03	3.72E-04	2.61E-03	4.21E-04	4.62E-03	5.49E-04	5.51E-04	9.41E-05	1.01E-04	1.75E-05	2.92E-05	5.06E-06	6.91E-05	1.20E-05	1.67E-05	1.67E-05	3.87E-01	9.32E-02	1.00E+00	1.21E-01
1610	Gridded	5.52E-05	4.20E-06	1.23E-05	8.95E-07	6.23E-04	4.94E-05	6.59E-04	5.15E-05	8.07E-04	5.85E-05	1.46E-05	1.16E-06	2.48E-03	1.97E-04	3.03E-03	2.29E-04	5.34E-03	3.38E-04	6.31E-04	4.98E-05	1.15E-04	9.20E-06	3.33E-05	2.66E-06	7.88E-05	6.29E-06	9.87E-06	9.87E-06	3.63E-01	6.02E-02	1.23E+00	1.03E-01
1611	Gridded	7.50E-05	6.83E-06	1.65E-05	1.49E-06	8.57E-04	7.86E-05	9.02E-04	8.25E-05	1.08E-03	9.77E-05	2.01E-05	1.84E-06	3.41E-03	3.13E-04	4.12E-03	3.74E-04	6.77E-03	5.91E-04	8.67E-04	7.94E-05	1.59E-04	1.46E-05	4.60E-05	4.22E-06	1.09E-04	9.98E-06	1.74E-05	1.74E-05	4.72E-01	6.97E-02	1.19E+00	8.76E-02
1612	Gridded	5.46E-05	5.22E-06	1.22E-05	1.13E-06	6.11E-04	6.18E-05	6.48E-04	6.43E-05	8.06E-04	7.48E-05	1.43E-05	1.45E-06	2.43E-03	2.46E-04	3.00E-03	2.85E-04	5.52E-03	5.16E-04	6.19E-04	6.23E-05	1.13E-04	1.15E-05	3.27E-05	3.33E-06	7.72E-05	7.88E-06	1.41E-05	1.41E-05	5.54E-01	8.26E-02	9.86E-01	1.15E-01
1613	Gridded	4.10E-05	5.20E-06	9.13E-06	1.09E-06	4.61E-04	6.18E-05	4.88E-04	6.42E-05	6.01E-04	7.14E-05	1.08E-05	1.46E-06	1.83E-03	2.46E-04	2.25E-03	2.83E-04	4.02E-03	3.55E-04	4.67E-04	6.24E-05	8.53E-05	1.15E-05	2.47E-05	3.34E-06	5.84E-05	7.90E-06	1.17E-05	1.17E-05	5.47E-01	5.21E-02	9.11E-01	7.65E-02
1614	Gridded	3.60E-05	8.30E-06	8.03E-06	1.80E-06	4.04E-04	9.59E-05	4.28E-04	1.01E-04	5.29E-04	1.18E-04	9.43E-06	2.25E-06	1.61E-03	3.82E-04	1.98E-03	4.54E-04	3.58E-03	6.97E-04	4.09E-04	9.70E-05	7.47E-05	1.78E-05	2.16E-05	5.16E-06	5.11E-05	1.22E-05	2.08E-05	2.08E-05	4.07E-01	5.66E-02	8.41E-01	8.24E-02
1615	Gridded	2.72E-05	6.21E-06	6.06E-06	1.33E-06	3.06E-04	7.28E-05	3.24E-04	7.59E-05	3.99E-04	8.72E-05	7.15E-06	1.71E-06	1.22E-03	2.90E-04	1.50E-03	3.39E-04	2.67E-03	5.48E-04	3.10E-04	7.35E-05	5.66E-05	1.36E-05	1.64E-05	3.92E-06	3.87E-05	9.27E-06	1.58E-05	1.58E-05	2.55E-01	6.78E-02	4.63E-01	1.01E-01
1616	Gridded	2.62E-05	6.67E-06	5.53E-06	1.44E-06	3.15E-04	7.74E-05	3.26E-04	8.11E-05	3.64E-04	9.45E-05	7.45E-06	1.82E-06	1.26E-03	3.08E-04	1.43E-03	3.65E-04	2.46E-03	5.48E-04	3.18E-04	7.82E-05	5.89E-05	1.44E-05	1.71E-05	4.16E-06	4.03E-05	9.84E-06	1.65E-05	1.65E-05	3.94E-01	5.12E-02	5.97E-01	7.24E-02
1617	Gridded	2.88E-05	5.03E-06	6.38E-06	1.09E-06	3.26E-04	5.80E-05	3.44E-04	6.09E-05	4.20E-04	7.15E-05	7.61E-06	1.36E-06	1.29E-03	2.31E-04	1.58E-03	2.75E-04	2.84E-03	4.24E-04	3.30E-04	5.87E-05	6.02E-05	1.08E-05	1.74E-05	3.12E-06	4.12E-05	7.38E-06	1.26E-05	1.26E-05	3.49E-01	4.66E-02	6.11E-01	7.51E-02
1618	Gridded	2.96E-05	3.68E-06	6.67E-06	7.90E-07	3.31E-04	4.29E-05	3.51E-04	4.48E-05	4.41E-04	5.17E-05	7.72E-06	1.01E-06	1.32E-03	1.71E-04	1.63E-03	2.01E-04	3.14E-03	2.91E-04	3.36E-04	4.33E-05	6.11E-05	7.97E-06	1.77E-05	2.31E-06	4.18E-05	5.45E-06	8.91E-06	8.91E-06	2.88E-01	3.11E-02	4.70E-01	5.60E-02
1619	Gridded	2.99E-05	3.83E-06	6.69E-06	8.07E-07	3.34E-04	4.54E-05	3.54E-04	4.72E-05	4.41E-04	5.27E-05	7.78E-06	1.07E-06	1.33E-03	1.81E-04	1.64E-03	2.08E-04	3.12E-03	2.66E-04	3.38E-04	4.58E-05	6.16E-05	8.47E-06	1.78E-05	2.45E-06	4.22E-05	5.80E-06	8.66E-06	8.66E-06	2.61E-01	3.43E-02	4.78E-01	5.72E-02
1620	Gridded	2.92E-05	2.70E-06	6.53E-06	5.61E-07	3.26E-04	3.25E-05	3.46E-04	3.36E-05	4.31E-04	3.65E-05	7.61E-06	7.68E-07	1.30E-03	1.30E-04	1.61E-03	1.47E-04	3.01E-03	2.47E-04	3.31E-04	3.28E-05	6.03E-05	6.08E-06	1.74E-05	1.76E-06	4.12E-05	4.16E-06	6.84E-06	6.84E-06	2.84E-01	3.37E-02	4.96E-01	5.32E-02
1621	Gridded	2.80E-05	2.71E-06	6.26E-06	5.99E-07	3.13E-04	3.08E-05	3.32E-04	3.25E-05	4.13E-04	3.94E-05	7.30E-06	7.22E-07	1.24E-03	1.23E-04	1.54E-03	1.49E-04	2.86E-03	2.52E-04	3.17E-04	3.12E-05	5.78E-05	5.71E-06	1.67E-05	1.65E-06	3.96E-05	3.91E-06	7.18E-06	7.18E-06	2.84E-01	3.56E-02	4.79E-01	5.84E-02
1622	Gridded	2.63E-05	3.39E-06	5.89E-06	7.51E-07	2.95E-04	3.83E-05	3.13E-04	4.04E-05	3.89E-04	4.94E-05	6.88E-06	8.94E-07	1.17E-03	1.52E-04	1.45E-03	1.86E-04	2.68E-03	3.25E-04	2.99E-04	3.87E-05	5.45E-05	7.08E-06	1.58E-05	2.05E-06	3.73E-05	4.84E-06	9.13E-06	9.13E-06	3.42E-01	3.57E-02	6.13E-01	5.80E-02
1623	Gridded	3.96E-05	3.94E-06	8.23E-06	8.78E-07	4.76E-04	4.42E-05	4.92E-04	4.68E-05	5.36E-04	5.79E-05	1.12E-05	1.03E-06	1.90E-03	1.76E-04	2.15E-03	2.16E-04	2.47E-03	3.90E-04	4.79E-04	4.48E-05	8.89E-05	8.17E-06	2.57E-05	2.37E-06	6.08E-05	5.59E-06	1.08E-05	1.08E-05	3.47E-01	3.60E-02	6.56E-01	5.49E-02
1624	Gridded	2.23E-05	3.52E-06	4.93E-06	7.89E-07	2.56E-04	3.93E-05	2.69E-04	4.18E-05	3.25E-04	5.20E-05	6.00E-06	9.18E-07	1.02E-03	1.56E-04	1.22E-03	1.94E-04	2.23E-03	3.58E-04	2.59E-04	3.99E-05	4.75E-05	7.27E-06	1.37E-05	2.10E-06	3.25E-05	4.97E-06	9.81E-06	9.81E-06	1.80E-01	2.63E-02	3.54E-01	4.30E-02
1625	Gridded	2.18E-05	3.16E-06	4.76E-06	7.11E-07	2.50E-04	3.52E-05	2.63E-04	3.74E-05	3.12E-04	4.69E-05	5.86E-06	8.21E-07	9.95E-04	1.40E-04	1.19E-03	1.74E-04	1.98E-03	3.28E-04	2.53E-04	3.57E-05	4.64E-05	6.50E-06	1.34E-05	1.88E-06	3.18E-05	4.45E-06	8.92E-06	8.92E-06	1.64E-01	2.25E-02	3.26E-01	3.90E-02
1626	Gridded	2.14E-05	2.92E-06	4.65E-06	6.59E-07	2.46E-04	3.24E-05	2.58E-04	3.45E-05	3.05E-04	4.35E-05	5.77E-06	7.55E-07	9.78E-04	1.29E-04	1.17E-03	1.61E-04	1.84E-03	3.07E-04	2.49E-04	3.29E-05	4.57E-05	5.98E-06	1.32E-05	1.73E-06	3.12E-05	4.09E-06	8.31E-06	8.31E-06	1.70E-01	2.39E-02	3.07E-01	3.98E-02
1627	Gridded	2.06E-05	2.54E-06	4.47E-06	5.73E-07	2.37E-04	2.81E-05	2.49E-04	2.99E-05	2.93E-04	3.78E-05	5.57E-06	6.54E-07	9.44E-04	1.12E-04	1.13E-03	1.40E-04	1.75E-03	2.69E-04	2.40E-04	2.85E-05	4.41E-05	5.18E-06	1.28E-05	1.50E-06	3.01E-05	3.54E-06	7.26E-06	7.26E-06	1.68E-01	2.65E-02	2.69E-01	3.99E-02
1628	Gridded	1.96E-05	2.30E-06	4.25E-06	5.06E-07	2.27E-04	2.73E-05	2.38E-04	2.84E-05	2.79E-04	3.34E-05	5.33E-06	6.44E-07	9.04E-04	1.09E-04	1.07E-03	1.25E-04	1.65E-03	2.39E-04	2.30E-04	2.76E-05	4.22E-05	5.10E-06	1.22E-05	1.48E-06	2.89E-05	3.49E-06	6.42E-06	6.42E-06	1.80E-01	3.09E-02	3.16E-01	5.06E-02
1629	Gridded	2.52E-05	3.01E-06	5.18E-06	6.36E-07	3.05E-04	3.58E-05	3.15E-04	3.72E-05	3.37E-04	4.15E-05	7.22E-06	8.43E-07	1.22E-03	1.43E-04	1.37E-03	1.64E-04	1.65E-03	2.16E-04	3.07E-04	3.61E-05	5.72E-05	6.68E-06	1.65E-05	1.93E-06	3.91E-05	4.57E-06	6.82E-06	6.82E-06	2.59E-01	3.87E-02	4.94E-01	7.63E-02
1630	Gridded	1.79E-05	2.24E-06	3.65E-06	4.82E-07	2.18E-04	2.61E-05	2.24E-04	2.73E-05	2.38E-04	3.16E-05	5.17E-06	6.14E-07	8.70E-04	1.04E-04	9.69E-04	1.23E-04	1.56E-03	1.78E-04	2.20E-04	2.64E-05	4.09E-05	4.86E-06	1.18E-05	1.41E-06	2.80E-05	3.33E-06	5.45E-06	5.45E-06	2.55E-01	3.26E-02	4.53E-01	6.48E-02
1631	Gridded	1.54E-05	2.08E-06	3.31E-06	4.39E-07	1.79E-04	2.46E-05	1.87E-04	2.56E-05	2.17E-04	2.87E-05	4.20E-06	5.79E-07	7.12E-04	9.78E-05	8.41E-04	1.13E-04	1.48E-03	1.64E-04	1.81E-04	2.48E-05	3.33E-05	4.58E-06	9.63E-06	1.33E-06	2.28E-05	3.13E-06	4.76E-06	4.76E-06	2.60E-01	2.89E-02	4.26E-01	5.73E-02
1632	Gridded	1.52E-05	2.44E-06	3.22E-06	5.10E-07	1.86E-04	2.92E-05	1.91E-04	3.02E-05	2.12E-04	3.32E-05	4.41E-06	6.88E-07	7.41E-04	1.16E-04	8.22E-04	1.33E-04	1.44E-03	1.65E-04	1.87E-04	2.94E-05	3.49E-05	5.45E-06	1.01E-05	1.58E-06	2.39E-05	3.73E-06	5.34E-06	5.34E-06	3.14E-01	3.11E-02	5.11E-01	6.31E-02
1633	Gridded	3.42E-05	3.56E-06	7.09E-06	7.64E-07	4.12E-04	4.15E-05	4.26E-04	4.34E-05	4.61E-04	5.00E-05	9.73E-06	9.76E-07	1.64E-03	1.65E-04	1.86E-03	1.95E-04	3.48E-03	2.81E-04	4.15E-04	4.19E-05	7.70E-05	7.72E-06	2.23E-05	2.24E-06	5.27E-05	5.28E-06	8.60E-06	8.60E-06	2.98E-01	5.78E-02	7.10E-01	1.21E-01
1634	Gridded	2.60E-05	3.12E-06	5.72E-06	6.68E-07	2.95E-04	3.65E-05	3.11E-04	3.81E-05	3.76E-04	4.37E-05	6.91E-06	8.58E-07	1.17E-03	1.45E-04	1.42E-03	1.70E-04	2.67E-03	2.58E-04	2.99E-04	3.69E-05	5.47E-05	6.80E-06	1.58E-05	1.97E-06	3.74E-05	4.65E-06	7.62E-06	7.62E-06	3.06E-01	5.69E-02	7.91E-01	1.21E-01
1635	Gridded	2.56E-05	3.25E-06	5.60E-06	7.03E-07	2.93E-04	3.76E-05	3.08E-04	3.94E-05	3.68E-04	4.61E-05	6.86E-06	8.83E-07	1.16E-03	1.50E-04	1.40E-03	1.78E-04	2.28E-03	2.70E-04	2.96E-04	3.80E-05	5.43E-05	6.99E-06	1.57E-05	2.02E-06	3.72E-05	4.78E-06	8.07E-06	8.07E-06	2.92E-01	5.14E-02	7.28E-01	1.04E-01
1636	Gridded	3.12E-05	3.80E-06	6.61E-06	8.22E-07	3.68E-04	4.41E-05	3.83E-04	4.62E-05	4.32E-04	5.39E-05	8.66E-06	1.04E-06	1.46E-03	1.75E-04	1.70E-03	2.08E-04	3.12E-03	3.12E-04	3.71E-04	4.46E-05	6.86E-05	8.19E-06	1.99E-05	2.37E-06	4.69E-05	5.61E-06	9.39E-06	9.39E-06	3.10E-01	4.89E-02	7.51E-01	9.79E-02
1637	Gridded	2.74E-05	4.06E-06	5.62E-06	8.76E-07	3.33E-04	4.71E-05	3.43E-04	4.94E-05	3.65E-04	5.74E-05	7.88E-06	1.11E-06	1.33E-03	1.88E-04	1.49E-03	2.22E-04	3.40E-03	3.30E-04	3.35E-04	4.76E-05	6.24E-05	8.76E-06	1.81E-05	2.54E-06	4.27E-05	6.00E-06	9.98E-06	9.98E-06	2.90E-01	4.34E-02	6.80E-01	7.68E-02
1638	Gridded	1.93E-05	4.16E-06	3.85E-06	8.98E-07	2.40E-04	4.83E-05	2.46E-04	5.06E-05	2.49E-04	5.88E-05	5.71E-06	1.13E-06	9.58E-04	1.92E-04	1.04E-03	2.28E-04	2.06E-03	3.38E-04	2.41E-04	4.88E-05	4.52E-05	8.98E-06	1.31E-05	2.60E-06	3.09E-05	6.15E-06	1.02E-05	1.02E-05	2.62E-01	3.89E-02	6.94E-01	6.99E-02
1639	Gridded	1.51E-05	3.86E-06	3.32E-06	8.34E-07	1.80E-04	4.48E-05	1.87E-04	4.69E-05	2.18E-04	5.47E-05	4.26E-06	1.05E-06	7.19E-04	1.78E-04	8.29E-04	2.11E-04	1.38E-03	3.17E-04	1.82E-04	4.52E-05	3.37E-05	8.32E-06	9.76E-06	2.41E-06	2.31E-05	5.69E-06	9.53E-06	9.53E-06	2.36E-01	3.74E-02	5.52E-01	6.46E-02
1640	Gridded	1.71E-05	3.75E-06	3.69E-06	8.14E-07	1.99E-04	4.34E-05	2.08E-04	4.55E-05	2.42E-04	5.34E-05	4.66E-06	1.02E-06	7.90E-04	1.73E-04	9.35E-04	2.05E-04	1.41E-03	3.15E-04	2.01E-04	4.38E-05	3.69E-05	8.06E-06	1.07E-05	2.33E-06	2.53E-05	5.51E-06	9.38E-06	9.38E-06	2.36E-01	3.97E-02	4.94E-01	6.44E-02
1641	Gridded	1.88E-05	3.81E-06	4.07E-06	8.16E-07	2.17E-04	4.46E-05	2.27E-04	4.66E-05	2.67E-04	5.34E-05	5.09E-06	1.05E-06	8.63E-04	1.77E-04	1.03E-03	2.08E-04	1.57E-03	3.05E-04	2.19E-04	4.50E-05	4.03E-05	8.30E-06	1.17E-05	2.40E-06	2.76E-05	5.68E-06	9.10E-06	9.10E-06	2.44E-01	3.92E-02	6.29E-01	6.83E-02
1642	Gridded	2.08E-05	4.62E-06	4.45E-06	9.95E-07	2.42E-04	5.36E-05	2.53E-04	5.61E-05	2.92E-04	6.52E-05	5.70E-06	1.26E-06	9.65E-04	2.13E-04	1.13E-03	2.52E-04	1.83E-03	3.73E-04	2.45E-04	5.42E-05	4.51E-05	9.97E-06	1.31E-05	2.89E-06	3.09E-05	6.82E-06	1.13E-05	1.13E-05	3.18E-01	4.68E-02	5.83E-01	8.03E-02
1643	Gridded	2.37E-05	5.99E-06	5.07E-06	1.29E-06	2.86E-04	6.97E-05	2.95E-04	7.29E-05	3.33E-04	8.45E-05	6.75E-06	1.64E-06	1.14E-03	2.77E-04	1.29E-03	3.27E-04	2.20E-03	4.81E-04	2.88E-04	7.04E-05	5.34E-05	1.30E-05	1.55E-05	3.75E-06	3.65E-05	8.87E-06	1.46E-05	1.46E-05	3.51E-01	5.46E-02	7.41E-01	8.78E-02
1644	Gridded	2.75E-05	7.42E-06	5.80E-06	1.59E-06	3.25E-04	8.65E-05	3.38E-04	9.04E-05	3.79E-04	1.04E-04	7.66E-06	2.03E-06	1.29E-03	3.44E-04	1.50E-03	4.05E-04	2.61E-03	5.84E-04	3.28E-04	8.74E-05	6.06E-05	1.61E-05	1.75E-05	4.66E-06	4.15E-05	1.10E-05	1.79E-05	1.79E-05	3.81E-01	5.56E-02	9.07E-01	1.26E-01
1645	Gridded	2.42E-05	6.75E-06	5.21E-06	1.46E-06	2.82E-04	7.85E-05	2.95E-04	8.21E-05	3.41E-04	9.62E-05	6.63E-06	1.84E-06	1.12E-03	3.12E-04	1.32E-03	3.69E-04	1.92E-03	5.98E-04	2.85E-04	7.93E-05	5.25E-05	1.46E-05	1.52E-05	4.23E-06	3.59E-05	9.99E-06	1.73E-05	1.73E-05	3.63E-01	5.70E-02	7.95E-01	1.02E-01
1646	Gridded	2.24E-05	6.93E-06	4.80E-06	1.52E-06	2.61E-04	7.91E-05	2.73E-04	8.33E-05	3.14E-04	1.00E-04	6.13E-06	1.85E-06	1.04E-03	3.15E-04	1.22E-03	3.80E-04	1.90E-03	6.28E-04	2.63E-04	8.00E-05	4.85E-05	1.47E-05	1.40E-05	4.24E-06	3.32E-05	1.00E-05	1.81E-05	1.81E-05	2.94E-01	6.61E-02	7.17E-01	1.10E-01
1647	Gridded	2.53E-05	6.33E-06	5.44E-06	1.39E-06	2.95E-04	7.20E-05	3.08E-04	7.59E-05	3.56E-04	9.17E-05	6.93E-06	1.68E-06	1.17E-03	2.86E-04	1.38E-03	3.47E-04	2.02E-03	5.85E-04	2.98E-04	7.28E-05	5.48E-05	1.33E-05	1.59E-05	3.86E-06	3.75E-05	9.12E-06	1.67E-05	1.67E-05	2.62E-01	6.29E-02	7.10E-01	9.92E-02
1648	Gridded	2.65E-05	4.91E-06	5.58E-06	1.04E-06	3.14E-04	5.83E-05	3.26E-04	6.06E-05	3.64E-04	6.81E-05	7.40E-06	1.37E-06	1.25E-03	2.32E-04	1.44E-03	2.68E-04	1.90E-03	4.38E-04	3.17E-04	5.88E-05	5.86E-05	1.09E-05	1.70E-05	3.15E-06	4.01E-05	7.44E-06	1.24E-05	1.24E-05	2.26E-01	4.68E-02	5.16E-01	9.34E-02
1649	Gridded	2.67E-05	4.66E-06	5.56E-06	1.01E-06	3.22E-04	5.37E-05	3.33E-04	5.64E-05	3.62E-04	6.66E-05	7.60E-06	1.26E-06	1.28E-03	2.14E-04	1.45E-03	2.55E-04	2.04E-03	3.99E-04	3.24E-04	5.43E-05	6.01E-05	9.97E-06	1.74E-05	2.89E-06	4.11E-05	6.82E-06	1.18E-05	1.18E-05	2.87E-01	7.12E-02	5.33E-01	1.23E-01
1650	Gridded	3.13E-05	5.07E-06	6.64E-06	1.10E-06	3.69E-04	5.85E-05	3.84E-04	6.14E-05	4.34E-04	7.23E-05	8.68E-06	1.37E-06	1.47E-03	2.33E-04	1.71E-03	2.78E-04	2.28E-03	4.31E-04	3.72E-04	5.91E-05	6.87E-05	1.09E-05	1.99E-05	3.14E-06	4.70E-05	7.43E-06	1.28E-05	1.28E-05	3.12E-01	8.43E-02	7.31E-01	1.20E-01
1651	Gridded	3.34E-05	5.67E-06	6.81E-06	1.22E-06	4.10E-04	6.59E-05	4.21E-04	6.90E-05	4.49E-04	7.99E-05	9.71E-06	1.55E-06	1.63E-03	2.62E-04	1.81E-03	3.10E-04	3.04E-03	4.55E-04	4.12E-04	6.66E-05	7.69E-05	1.23E-05	2.22E-05	3.55E-06	5.26E-05	8.39E-06	1.38E-05	1.38E-05	3.15E-01	6.97E-02	8.28E-01	1.24E-01
1652	Gridded	3.74E-05	7.36E-06	7.62E-06	1.49E-06	4.57E-04	9.04E-05	4.70E-04	9.28E-05	4.95E-04	9.67E-05	1.08E-05	2.14E-06	1.82E-03	3.60E-04	2.03E-03	3.98E-04	2.70E-03	4.57E-04	4.60E-04	9.09E-05	8.57E-05	1.70E-05	2.48E-05	4.91E-06	5.86E-05	1.16E-05	1.43E-05	1.43E-05	3.49E-01	8.58E-02	7.92E-01	1.20E-01
1653	Gridded	3.92E-05	1.27E-05	8.05E-06	2.71E-06	4.76E-04	1.50E-04	4.91E-04	1.56E-04	5.23E-04	1.78E-04	1.13E-05	3.52E-06	1.90E-03	5.96E-04	2.13E-03	6.95E-04	2.49E-03	9.55E-04	4.80E-04	1.51E-04	8.92E-05	2.79E-05	2.58E-05	8.07E-06	6.10E-05	1.91E-05	3.00E-05	3.00E-05	3.60E-01	1.32E-01	7.22E-01	2.22E-01
1654	Gridded	4.08E-05	1.01E-05	8.50E-06	2.21E-06	4.89E-04	1.15E-04	5.06E-04	1.21E-04	5.54E-04	1.45E-04	1.15E-05	2.70E-06	1.95E-03	4.58E-04	2.22E-03	5.53E-04	2.70E-03	9.09E-04	4.93E-04	1.16E-04	9.13E-05	2.13E-05	2.64E-05	6.18E-06	6.25E-05	1.46E-05	2.62E-05	2.62E-05	3.97E-01	9.83E-02	6.23E-01	1.31E-01
1655	Gridded	4.29E-05	7.20E-06	9.43E-06	1.48E-06	4.89E-04	8.74E-05	5.16E-04	9.01E-05	6.20E-04	9.61E-05	1.15E-05	2.07E-06	1.95E-03	3.49E-04	2.35E-03	3.91E-04	3.91E-03	5.52E-04	4.95E-04	8.80E-05	9.07E-05	1.64E-05	2.63E-05	4.74E-06	6.21E-05	1.12E-05	1.60E-05	1.60E-05	4.06E-01	7.65E-02	9.00E-01	1.23E-01
1656	Gridded	3.44E-05	8.07E-06	7.31E-06	1.76E-06	4.05E-04	9.26E-05	4.22E-04	9.73E-05	4.77E-04	1.16E-04	9.55E-06	2.17E-06	1.61E-03	3.68E-04	1.88E-03	4.43E-04	3.55E-03	7.12E-04	4.09E-04	9.36E-05	7.56E-05	1.72E-05	2.19E-05	4.97E-06	5.17E-05	1.17E-05	2.07E-05	2.07E-05	3.35E-01	9.51E-02	7.63E-01	1.35E-01
1657	Gridded	5.87E-05	5.76E-06	1.29E-05	1.28E-06	6.68E-04	7.01E-05	7.04E-04	7.22E-05	8.49E-04	8.44E-05	1.56E-05	1.66E-06	2.66E-03	2.79E-04	3.22E-03	3.14E-04	5.39E-03	5.83E-04	6.76E-04	7.05E-05	1.24E-04	1.31E-05	3.58E-05	3.80E-06	8.47E-05	8.98E-06	1.60E-05	1.60E-05	3.26E-01	7.88E-02	5.88E-01	9.55E-02
1658	Gridded	4.88E-05	8.08E-06	1.08E-05	1.75E-06	5.52E-04	9.33E-05	5.83E-04	9.79E-05	7.11E-04	1.15E-04	1.29E-05	2.19E-06	2.19E-03	3.71E-04	2.68E-03	4.42E-04	4.64E-03	6.80E-04	5.59E-04	9.43E-05	1.02E-04	1.73E-05	2.96E-05	5.02E-06	6.99E-05	1.19E-05	2.02E-05	2.02E-05	3.77E-01	1.07E-01	7.00E-01	1.43E-01
1659	Gridded	4.18E-05	9.10E-06	8.88E-06	1.91E-06	4.93E-04	1.09E-04	5.13E-04	1.13E-04	5.80E-04	1.25E-04	1.16E-05	2.56E-06	1.96E-03	4.32E-04	2.28E-03	4.96E-04	4.10E-03	6.36E-04	4.98E-04	1.09E-04	9.19E-05	2.03E-05	2.66E-05	5.87E-06	6.29E-05	1.39E-05	2.02E-05	2.02E-05	3.86E-01	1.15E-01	7.52E-01	1.47E-01
1660	Gridded	4.45E-05	6.99E-06	1.00E-05	1.41E-06	4.96E-04	8.62E-05	5.27E-04	8.84E-05	6.61E-04	9.14E-05	1.16E-05	2.04E-06	1.97E-03	3.44E-04	2.45E-03	3.78E-04	4.61E-03	4.88E-04	5.03E-04	8.67E-05	9.15E-05	1.62E-05	2.65E-05	4.68E-06	6.26E-05	1.11E-05	1.38E-05	1.38E-05	3.58E-01	6.14E-02	7.98E-01	1.05E-01
1661	Gridded	4.41E-05	4.85E-06	9.88E-06	1.07E-06	4.94E-04	5.50E-05	5.24E-04	5.81E-05	6.51E-04	7.06E-05	1.15E-05	1.29E-06	1.96E-03	2.19E-04	2.43E-03	2.67E-04	4.44E-03	4.58E-04	5.01E-04	5.57E-05	9.13E-05	1.02E-05	2.64E-05	2.95E-06	6.25E-05	6.97E-06	1.30E-05	1.30E-05	4.59E-01	7.59E-02	1.46E+00	1.22E-01
1662	Gridded	5.21E-05	5.16E-06	1.09E-05	1.10E-06	6.24E-04	6.04E-05	6.46E-04	6.31E-05	7.10E-04	7.21E-05	1.47E-05	1.42E-06	2.48E-03	2.41E-04	2.84E-03	2.82E-04	4.42E-03	3.94E-04	6.29E-04	6.10E-05	1.17E-04	1.13E-05	3.37E-05	3.26E-06	7.97E-05	7.70E-06	1.23E-05	1.23E-05	3.70E-01	6.23E-02	7.38E-01	7.84E-02
1663	Gridded	6.77E-05	6.54E-06	1.51E-05	1.43E-06	7.61E-04	7.48E-05	8.06E-04	7.87E-05	9.93E-04	9.42E-05	1.78E-05	1.75E-06	3.02E-03	2.97E-04	3.72E-03	3.59E-04	6.66E-03	5.87E-04	7.71E-04	7.56E-05	1.41E-04	1.39E-05	4.07E-05	4.01E-06	9.63E-05	9.48E-06	1.70E-05	1.70E-05	5.26E-01	6.53E-02	7.91E-01	8.83E-02
1664	Gridded	4.23E-05	4.42E-06	9.47E-06	9.92E-07	4.72E-04	4.93E-05	5.01E-04	5.23E-05	6.25E-04	6.54E-05	1.10E-05	1.15E-06	1.88E-03	1.96E-04	2.33E-03	2.43E-04	4.44E-03	4.53E-04	4.78E-04	4.99E-05	8.72E-05	9.14E-06	2.52E-05	2.64E-06	5.96E-05	6.25E-06	1.24E-05	1.24E-05	4.70E-01	6.58E-02	8.11E-01	9.59E-02
1665	Gridded	3.66E-05	4.79E-06	8.05E-06	1.02E-06	4.17E-04	5.64E-05	4.39E-04	5.88E-05	5.29E-04	6.65E-05	9.75E-06	1.33E-06	1.66E-03	2.25E-04	2.01E-03	2.61E-04	3.44E-03	3.52E-04	4.22E-04	5.70E-05	7.72E-05	1.05E-05	2.23E-05	3.05E-06	5.28E-05	7.20E-06	1.12E-05	1.12E-05	3.80E-01	4.40E-02	6.08E-01	6.69E-02
1666	Gridded	3.58E-05	6.46E-06	7.99E-06	1.40E-06	4.02E-04	7.48E-05	4.26E-04	7.84E-05	5.26E-04	9.17E-05	9.39E-06	1.75E-06	1.60E-03	2.97E-04	1.97E-03	3.54E-04	3.55E-03	5.37E-04	4.07E-04	7.56E-05	7.43E-05	1.39E-05	2.15E-05	4.02E-06	5.09E-05	9.50E-06	1.61E-05	1.61E-05	2.93E-01	4.49E-02	5.74E-01	6.42E-02
1667	Gridded	2.74E-05	5.92E-06	5.96E-06	1.30E-06	3.17E-04	6.77E-05	3.32E-04	7.13E-05	3.91E-04	8.54E-05	7.43E-06	1.58E-06	1.26E-03	2.69E-04	1.50E-03	3.25E-04	2.60E-03	5.34E-04	3.20E-04	6.85E-05	5.88E-05	1.25E-05	1.70E-05	3.63E-06	4.02E-05	8.58E-06	1.54E-05	1.54E-05	2.59E-01	5.34E-02	4.10E-01	7.61E-02
1668	Gridded	2.70E-05	6.15E-06	5.55E-06	1.33E-06	3.29E-04	7.13E-05	3.39E-04	7.47E-05	3.60E-04	8.71E-05	7.78E-06	1.67E-06	1.31E-03	2.84E-04	1.47E-03	3.36E-04	2.20E-03	5.06E-04	3.31E-04	7.20E-05	6.16E-05	1.32E-05	1.78E-05	3.83E-06	4.21E-05	9.06E-06	1.52E-05	1.52E-05	2.63E-01	4.47E-02	4.32E-01	7.43E-02
1669	Gridded	3.03E-05	5.91E-06	6.64E-06	1.29E-06	3.46E-04	6.80E-05	3.64E-04	7.14E-05	4.36E-04	8.45E-05	8.11E-06	1.59E-06	1.38E-03	2.71E-04	1.66E-03	3.24E-04	2.71E-03	5.09E-04	3.50E-04	6.88E-05	6.42E-05	1.26E-05	1.86E-05	3.65E-06	4.39E-05	8.64E-06	1.50E-05	1.50E-05	3.34E-01	4.42E-02	5.18E-01	6.74E-02
1670	Gridded	3.08E-05	4.13E-06	6.88E-06	9.02E-07	3.47E-04	4.75E-05	3.67E-04	4.99E-05	4.53E-04	5.92E-05	8.10E-06	1.11E-06	1.38E-03	1.89E-04	1.70E-03	2.27E-04	3.04E-03	3.60E-04	3.51E-04	4.80E-05	6.41E-05	8.81E-06	1.86E-05	2.55E-06	4.39E-05	6.03E-06	1.05E-05	1.05E-05	2.89E-01	3.57E-02	4.94E-01	5.95E-02
1671	Gridded	3.01E-05	3.69E-06	6.74E-06	7.99E-07	3.37E-04	4.26E-05	3.57E-04	4.47E-05	4.44E-04	5.24E-05	7.86E-06	9.99E-07	1.34E-03	1.69E-04	1.66E-03	2.02E-04	3.04E-03	3.09E-04	3.41E-04	4.31E-05	6.22E-05	7.91E-06	1.80E-05	2.29E-06	4.26E-05	5.41E-06	9.20E-06	9.20E-06	2.72E-01	2.68E-02	4.09E-01	4.36E-02
1672	Gridded	2.85E-05	4.13E-06	6.41E-06	8.80E-07	3.16E-04	4.85E-05	3.36E-04	5.06E-05	4.23E-04	5.75E-05	7.38E-06	1.14E-06	1.26E-03	1.93E-04	1.57E-03	2.25E-04	2.97E-03	3.09E-04	3.21E-04	4.90E-05	5.84E-05	9.04E-06	1.69E-05	2.62E-06	4.00E-05	6.19E-06	9.70E-06	9.70E-06	2.43E-01	3.73E-02	5.15E-01	6.54E-02
1673	Gridded	2.60E-05	3.59E-06	5.90E-06	7.54E-07	3.09E-04	4.27E-05	3.21E-04	4.44E-05	3.90E-04	4.92E-05	7.30E-06	1.01E-06	1.23E-03	1.70E-04	1.43E-03	1.95E-04	2.85E-03	2.43E-04	3.12E-04	4.31E-05	5.78E-05	7.98E-06	1.67E-05	2.31E-06	3.95E-05	5.46E-06	8.02E-06	8.02E-06	3.28E-01	4.07E-02	5.44E-01	7.16E-02
1674	Gridded	2.25E-05	2.30E-06	5.20E-06	4.75E-07	2.65E-04	2.79E-05	2.75E-04	2.88E-05	3.45E-04	3.09E-05	6.26E-06	6.59E-07	1.06E-03	1.11E-04	1.25E-03	1.25E-04	2.67E-03	2.07E-04	2.67E-04	2.81E-05	4.95E-05	5.22E-06	1.43E-05	1.51E-06	3.39E-05	3.57E-06	5.55E-06	5.55E-06	2.80E-01	3.39E-02	5.52E-01	5.73E-02
1675	Gridded	2.00E-05	2.58E-06	4.38E-06	5.69E-07	2.37E-04	2.93E-05	2.46E-04	3.09E-05	2.91E-04	3.74E-05	5.59E-06	6.86E-07	9.45E-04	1.17E-04	1.09E-03	1.42E-04	2.42E-03	2.39E-04	2.39E-04	2.97E-05	4.43E-05	5.43E-06	1.28E-05	1.57E-06	3.03E-05	3.72E-06	6.81E-06	6.81E-06	3.00E-01	3.31E-02	4.31E-01	5.57E-02
1676	Gridded	1.83E-05	2.73E-06	4.09E-06	6.05E-07	2.05E-04	3.09E-05	2.17E-04	3.26E-05	2.70E-04	3.98E-05	4.79E-06	7.22E-07	8.15E-04	1.23E-04	1.01E-03	1.50E-04	2.09E-03	2.61E-04	2.08E-04	3.13E-05	3.79E-05	5.71E-06	1.10E-05	1.65E-06	2.59E-05	3.91E-06	7.33E-06	7.33E-06	2.12E-01	2.43E-02	3.54E-01	3.88E-02
1677	Gridded	1.78E-05	2.88E-06	3.97E-06	6.41E-07	2.00E-04	3.24E-05	2.11E-04	3.43E-05	2.62E-04	4.23E-05	4.66E-06	7.57E-07	7.93E-04	1.29E-04	9.79E-04	1.58E-04	1.78E-03	2.82E-04	2.02E-04	3.28E-05	3.69E-05	6.00E-06	1.07E-05	1.74E-06	2.52E-05	4.10E-06	7.86E-06	7.86E-06	1.90E-01	2.11E-02	3.20E-01	3.46E-02
1678	Gridded	1.91E-05	2.89E-06	4.15E-06	6.46E-07	2.21E-04	3.24E-05	2.32E-04	3.43E-05	2.72E-04	4.26E-05	5.18E-06	7.56E-07	8.79E-04	1.29E-04	1.05E-03	1.59E-04	1.69E-03	2.89E-04	2.23E-04	3.28E-05	4.10E-05	5.98E-06	1.19E-05	1.73E-06	2.81E-05	4.09E-06	7.98E-06	7.98E-06	1.70E-01	2.07E-02	2.67E-01	3.42E-02
1679	Gridded	2.02E-05	2.82E-06	4.35E-06	6.32E-07	2.34E-04	3.15E-05	2.45E-04	3.34E-05	2.85E-04	4.16E-05	5.50E-06	7.34E-07	9.33E-04	1.25E-04	1.10E-03	1.55E-04	1.64E-03	2.87E-04	2.37E-04	3.19E-05	4.36E-05	5.81E-06	1.26E-05	1.68E-06	2.98E-05	3.98E-06	7.86E-06	7.86E-06	1.59E-01	2.07E-02	3.06E-01	3.51E-02
1680	Gridded	2.04E-05	2.91E-06	4.38E-06	6.20E-07	2.51E-04	3.41E-05	2.57E-04	3.56E-05	2.87E-04	4.07E-05	5.94E-06	8.02E-07	1.00E-03	1.36E-04	1.12E-03	1.59E-04	1.61E-03	2.83E-04	2.52E-04	3.44E-05	4.70E-05	6.35E-06	1.36E-05	1.84E-06	3.22E-05	4.34E-06	7.72E-06	7.72E-06	1.90E-01	2.71E-02	3.68E-01	3.84E-02
1681	Gridded	1.97E-05	2.84E-06	4.23E-06	6.04E-07	2.30E-04	3.34E-05	2.41E-04	3.48E-05	2.77E-04	3.95E-05	5.42E-06	7.86E-07	9.17E-04	1.33E-04	1.08E-03	1.55E-04	1.54E-03	2.55E-04	2.33E-04	3.37E-05	4.29E-05	6.22E-06	1.24E-05	1.80E-06	2.93E-05	4.26E-06	6.91E-06	6.91E-06	1.85E-01	2.99E-02	3.07E-01	4.44E-02
1682	Gridded	1.88E-05	2.25E-06	4.02E-06	4.76E-07	2.20E-04	2.65E-05	2.29E-04	2.76E-05	2.63E-04	3.11E-05	5.16E-06	6.24E-07	8.74E-04	1.06E-04	1.03E-03	1.23E-04	1.46E-03	2.17E-04	2.22E-04	2.68E-05	4.09E-05	4.94E-06	1.18E-05	1.43E-06	2.80E-05	3.38E-06	5.88E-06	5.88E-06	1.47E-01	2.68E-02	2.50E-01	4.23E-02
1683	Gridded	2.11E-05	2.59E-06	4.38E-06	5.48E-07	2.54E-04	3.05E-05	2.63E-04	3.18E-05	2.85E-04	3.58E-05	6.00E-06	7.19E-07	1.01E-03	1.22E-04	1.15E-03	1.41E-04	1.38E-03	1.95E-04	2.56E-04	3.08E-05	4.75E-05	5.69E-06	1.38E-05	1.65E-06	3.25E-05	3.90E-06	5.96E-06	5.96E-06	1.72E-01	3.07E-02	3.20E-01	5.09E-02
1684	Gridded	4.84E-05	5.04E-06	1.04E-05	1.10E-06	5.67E-04	5.79E-05	5.92E-04	6.08E-05	6.78E-04	7.20E-05	1.33E-05	1.36E-06	2.26E-03	2.30E-04	2.65E-03	2.76E-04	3.73E-03	4.37E-04	5.72E-04	5.85E-05	1.06E-04	1.07E-05	3.05E-05	3.11E-06	7.22E-05	7.35E-06	1.28E-05	1.28E-05	3.19E-01	4.50E-02	7.50E-01	9.03E-02
1685	Gridded	3.65E-05	4.16E-06	7.56E-06	9.01E-07	4.41E-04	4.81E-05	4.55E-04	5.04E-05	4.92E-04	5.91E-05	1.04E-05	1.13E-06	1.76E-03	1.91E-04	1.98E-03	2.28E-04	2.27E-03	3.47E-04	4.44E-04	4.86E-05	8.24E-05	8.93E-06	2.39E-05	2.59E-06	5.64E-05	6.11E-06	1.04E-05	1.04E-05	2.82E-01	4.19E-02	7.12E-01	7.79E-02
1686	Gridded	2.56E-05	4.11E-06	5.17E-06	8.89E-07	3.16E-04	4.76E-05	3.24E-04	4.98E-05	3.35E-04	5.83E-05	7.50E-06	1.12E-06	1.26E-03	1.89E-04	1.39E-03	2.25E-04	1.88E-03	3.41E-04	3.18E-04	4.81E-05	5.94E-05	8.84E-06	1.72E-05	2.56E-06	4.06E-05	6.05E-06	1.02E-05	1.02E-05	2.69E-01	4.04E-02	7.23E-01	7.17E-02
1687	Gridded	2.60E-05	4.11E-06	5.59E-06	8.90E-07	3.03E-04	4.76E-05	3.17E-04	4.99E-05	3.66E-04	5.84E-05	7.12E-06	1.12E-06	1.21E-03	1.89E-04	1.42E-03	2.25E-04	3.29E-03	3.42E-04	3.06E-04	4.81E-05	5.64E-05	8.84E-06	1.63E-05	2.56E-06	3.86E-05	6.05E-06	1.02E-05	1.02E-05	2.85E-01	3.85E-02	7.48E-01	6.96E-02
1688	Gridded	2.52E-05	3.96E-06	5.36E-06	8.59E-07	2.96E-04	4.57E-05	3.08E-04	4.80E-05	3.50E-04	5.64E-05	6.96E-06	1.07E-06	1.18E-03	1.82E-04	1.37E-03	2.17E-04	3.39E-03	3.34E-04	2.99E-04	4.62E-05	5.51E-05	8.49E-06	1.60E-05	2.46E-06	3.77E-05	5.81E-06	9.93E-06	9.93E-06	2.93E-01	3.81E-02	6.16E-01	6.43E-02
1689	Gridded	1.90E-05	3.43E-06	4.05E-06	7.34E-07	2.22E-04	4.01E-05	2.32E-04	4.19E-05	2.65E-04	4.82E-05	5.23E-06	9.44E-07	8.85E-04	1.60E-04	1.04E-03	1.87E-04	2.04E-03	2.91E-04	2.24E-04	4.05E-05	4.14E-05	7.47E-06	1.20E-05	2.16E-06	2.83E-05	5.11E-06	8.56E-06	8.56E-06	2.99E-01	3.60E-02	6.13E-01	6.15E-02
1690	Gridded	1.62E-05	3.66E-06	3.51E-06	7.87E-07	1.88E-04	4.25E-05	1.97E-04	4.45E-05	2.30E-04	5.16E-05	4.42E-06	9.99E-07	7.49E-04	1.69E-04	8.84E-04	2.00E-04	1.59E-03	2.94E-04	1.90E-04	4.29E-05	3.50E-05	7.91E-06	1.01E-05	2.29E-06	2.40E-05	5.41E-06	8.93E-06	8.93E-06	2.74E-01	3.67E-02	6.07E-01	6.49E-02
1691	Gridded	1.83E-05	4.12E-06	3.96E-06	8.93E-07	2.12E-04	4.76E-05	2.22E-04	4.99E-05	2.60E-04	5.85E-05	4.99E-06	1.12E-06	8.45E-04	1.89E-04	1.00E-03	2.25E-04	1.71E-03	3.46E-04	2.15E-04	4.81E-05	3.95E-05	8.84E-06	1.14E-05	2.56E-06	2.70E-05	6.05E-06	1.03E-05	1.03E-05	2.69E-01	4.09E-02	4.74E-01	6.93E-02
1692	Gridded	1.93E-05	5.57E-06	4.20E-06	1.20E-06	2.25E-04	6.46E-05	2.33E-04	6.76E-05	2.75E-04	7.87E-05	5.31E-06	1.52E-06	8.96E-04	2.57E-04	1.06E-03	3.04E-04	1.92E-03	4.53E-04	2.27E-04	6.53E-05	4.21E-05	1.20E-05	1.22E-05	3.48E-06	2.88E-05	8.22E-06	1.37E-05	1.37E-05	2.67E-01	4.52E-02	6.17E-01	7.32E-02
1693	Gridded	2.48E-05	6.48E-06	5.22E-06	1.39E-06	2.96E-04	7.54E-05	3.07E-04	7.89E-05	3.40E-04	9.12E-05	6.98E-06	1.77E-06	1.18E-03	3.00E-04	1.35E-03	3.54E-04	2.37E-03	5.17E-04	2.98E-04	7.62E-05	5.53E-05	1.40E-05	1.60E-05	4.06E-06	3.78E-05	9.59E-06	1.58E-05	1.58E-05	3.10E-01	4.54E-02	7.61E-01	1.04E-01

Scenario 1 Results

1694	Gridded	2.97E-05	6.92E-06	6.06E-06	1.49E-06	3.63E-04	8.04E-05	3.73E-04	8.42E-05	3.93E-04	9.76E-05	8.59E-06	1.89E-06	1.45E-03	3.20E-04	1.61E-03	3.78E-04	3.13E-03	5.58E-04	3.65E-04	8.13E-05	6.80E-05	1.50E-05	1.97E-05	4.33E-06	4.65E-05	1.02E-05	1.69E-05	1.69E-05	4.35E-01	6.42E-02	7.86E-01	1.18E-01
1695	Gridded	2.60E-05	6.86E-06	5.20E-06	1.51E-06	3.24E-04	7.80E-05	3.31E-04	8.22E-05	3.36E-04	9.93E-05	7.69E-06	1.83E-06	1.29E-03	3.10E-04	1.41E-03	3.76E-04	2.30E-03	6.33E-04	3.25E-04	7.89E-05	6.09E-05	1.44E-05	1.76E-05	4.18E-06	4.16E-05	9.89E-06	1.81E-05	1.81E-05	4.23E-01	7.21E-02	1.09E+00	1.22E-01
1696	Gridded	2.34E-05	6.58E-06	5.07E-06	1.45E-06	2.72E-04	7.49E-05	2.85E-04	7.89E-05	3.32E-04	9.51E-05	6.42E-06	1.75E-06	1.08E-03	2.98E-04	1.28E-03	3.61E-04	1.93E-03	6.03E-04	2.75E-04	7.58E-05	5.08E-05	1.39E-05	1.47E-05	4.02E-06	3.48E-05	9.49E-06	1.73E-05	1.73E-05	3.58E-01	6.31E-02	1.14E+00	1.09E-01
1697	Gridded	2.27E-05	6.11E-06	4.81E-06	1.29E-06	2.67E-04	7.23E-05	2.78E-04	7.52E-05	3.14E-04	8.44E-05	6.29E-06	1.70E-06	1.06E-03	2.88E-04	1.24E-03	3.33E-04	1.89E-03	5.25E-04	2.70E-04	7.29E-05	4.98E-05	1.35E-05	1.44E-05	3.90E-06	3.41E-05	9.22E-06	1.51E-05	1.51E-05	3.32E-01	6.36E-02	6.63E-01	1.08E-01
1698	Gridded	2.52E-05	4.83E-06	5.37E-06	1.05E-06	2.96E-04	5.56E-05	3.09E-04	5.84E-05	3.51E-04	6.89E-05	6.97E-06	1.30E-06	1.18E-03	2.21E-04	1.38E-03	2.64E-04	1.95E-03	4.13E-04	2.99E-04	5.62E-05	5.51E-05	1.03E-05	1.60E-05	2.99E-06	3.77E-05	7.06E-06	1.22E-05	1.22E-05	3.12E-01	6.51E-02	8.28E-01	1.32E-01
1699	Gridded	2.52E-05	4.48E-06	5.35E-06	9.75E-07	2.97E-04	5.15E-05	3.10E-04	5.41E-05	3.49E-04	6.40E-05	7.00E-06	1.21E-06	1.18E-03	2.05E-04	1.37E-03	2.45E-04	1.94E-03	3.86E-04	3.00E-04	5.21E-05	5.54E-05	9.56E-06	1.60E-05	2.77E-06	3.79E-05	6.54E-06	1.14E-05	1.14E-05	2.47E-01	7.36E-02	5.06E-01	1.21E-01
1700	Gridded	2.61E-05	4.41E-06	5.53E-06	9.54E-07	3.07E-04	5.10E-05	3.20E-04	5.34E-05	3.62E-04	6.26E-05	7.23E-06	1.20E-06	1.22E-03	2.03E-04	1.42E-03	2.41E-04	2.03E-03	3.67E-04	3.10E-04	5.15E-05	5.72E-05	9.47E-06	1.66E-05	2.74E-06	3.92E-05	6.48E-06	1.10E-05	1.10E-05	2.49E-01	6.73E-02	5.58E-01	9.39E-02
1701	Gridded	3.02E-05	4.74E-06	6.65E-06	1.03E-06	3.44E-04	5.47E-05	3.63E-04	5.74E-05	4.37E-04	6.76E-05	8.06E-06	1.28E-06	1.37E-03	2.18E-04	1.66E-03	2.60E-04	2.76E-03	4.01E-04	3.49E-04	5.53E-05	6.38E-05	1.02E-05	1.85E-05	2.94E-06	4.37E-05	6.96E-06	1.19E-05	1.19E-05	2.57E-01	5.51E-02	5.63E-01	9.93E-02
1702	Gridded	2.99E-05	5.75E-06	6.15E-06	1.18E-06	3.62E-04	7.00E-05	3.73E-04	7.21E-05	3.99E-04	7.65E-05	8.56E-06	1.66E-06	1.44E-03	2.79E-04	1.62E-03	3.12E-04	2.99E-03	3.78E-04	3.64E-04	7.05E-05	6.78E-05	1.31E-05	1.96E-05	3.80E-06	4.64E-05	8.98E-06	1.17E-05	1.17E-05	2.77E-01	6.53E-02	6.25E-01	9.33E-02
1703	Gridded	3.03E-05	1.01E-05	6.20E-06	2.15E-06	3.70E-04	1.19E-04	3.81E-04	1.24E-04	4.02E-04	1.41E-04	8.77E-06	2.81E-06	1.48E-03	4.75E-04	1.65E-03	5.53E-04	2.04E-03	7.44E-04	3.73E-04	1.20E-04	6.94E-05	2.22E-05	2.01E-05	6.44E-06	4.75E-05	1.52E-05	2.36E-05	2.36E-05	3.08E-01	9.09E-02	6.08E-01	1.55E-01
1704	Gridded	3.13E-05	8.96E-06	6.46E-06	1.94E-06	3.85E-04	1.04E-04	3.93E-04	1.09E-04	4.20E-04	1.27E-04	9.20E-06	2.43E-06	1.54E-03	4.12E-04	1.70E-03	4.90E-04	2.18E-03	7.52E-04	3.85E-04	1.05E-04	7.29E-05	1.92E-05	2.11E-05	5.57E-06	4.99E-05	1.32E-05	2.24E-05	2.24E-05	2.98E-01	9.91E-02	4.45E-01	1.15E-01
1705	Gridded	3.21E-05	5.11E-06	6.87E-06	1.11E-06	3.76E-04	5.89E-05	3.92E-04	6.18E-05	4.49E-04	7.29E-05	8.83E-06	1.38E-06	1.50E-03	2.34E-04	1.75E-03	2.80E-04	2.47E-03	4.77E-04	3.79E-04	5.95E-05	6.99E-05	1.09E-05	2.02E-05	3.16E-06	4.78E-05	7.48E-06	1.29E-05	1.29E-05	3.21E-01	6.82E-02	6.90E-01	1.16E-01
1706	Gridded	3.80E-05	7.57E-06	8.52E-06	1.60E-06	4.23E-04	8.95E-05	4.50E-04	9.32E-05	5.62E-04	1.05E-04	9.87E-06	2.11E-06	1.68E-03	3.57E-04	2.09E-03	4.13E-04	3.89E-03	5.39E-04	4.29E-04	9.03E-05	7.82E-05	1.67E-05	2.26E-05	4.83E-06	5.35E-05	1.14E-05	1.73E-05	1.73E-05	3.29E-01	7.62E-02	5.28E-01	1.14E-01
1707	Gridded	2.99E-05	6.04E-06	6.47E-06	1.31E-06	3.47E-04	6.96E-05	3.63E-04	7.30E-05	4.24E-04	8.61E-05	8.13E-06	1.63E-06	1.38E-03	2.77E-04	1.64E-03	3.30E-04	2.58E-03	5.94E-04	3.50E-04	7.03E-05	6.44E-05	1.29E-05	1.86E-05	3.74E-06	4.41E-05	8.84E-06	1.61E-05	1.61E-05	3.09E-01	7.79E-02	6.43E-01	1.07E-01
1708	Gridded	5.45E-05	6.58E-06	1.21E-05	1.35E-06	6.18E-04	7.99E-05	6.52E-04	8.24E-05	7.93E-04	8.79E-05	1.44E-05	1.89E-06	2.46E-03	3.18E-04	2.99E-03	3.57E-04	5.15E-03	4.62E-04	6.26E-04	8.04E-05	1.14E-04	1.50E-05	3.31E-05	4.33E-06	7.83E-05	1.02E-05	1.35E-05	1.35E-05	3.12E-01	6.14E-02	5.29E-01	7.83E-02
1709	Gridded	4.34E-05	8.02E-06	9.51E-06	1.74E-06	4.96E-04	9.25E-05	5.22E-04	9.70E-05	6.25E-04	1.14E-04	1.16E-05	2.17E-06	1.97E-03	3.68E-04	2.38E-03	4.39E-04	3.89E-03	6.82E-04	5.02E-04	9.35E-05	9.19E-05	1.72E-05	2.66E-05	4.97E-06	6.29E-05	1.17E-05	2.02E-05	2.02E-05	4.85E-01	9.63E-02	1.76E+00	1.34E-01
1710	Gridded	3.58E-05	7.73E-06	8.09E-06	1.62E-06	3.97E-04	9.23E-05	4.22E-04	9.57E-05	5.34E-04	1.05E-04	9.24E-06	2.18E-06	1.57E-03	3.68E-04	1.97E-03	4.21E-04	3.80E-03	6.96E-04	4.02E-04	9.31E-05	7.31E-05	1.72E-05	2.12E-05	4.99E-06	5.00E-05	1.18E-05	1.82E-05	1.82E-05	3.13E-01	1.05E-01	5.65E-01	1.39E-01
1711	Gridded	4.22E-05	5.12E-06	9.33E-06	1.19E-06	4.78E-04	5.83E-05	5.05E-04	6.15E-05	6.14E-04	7.87E-05	1.12E-05	1.38E-06	1.90E-03	2.32E-04	2.32E-03	2.82E-04	3.99E-03	6.26E-04	4.84E-04	5.90E-05	8.84E-05	1.09E-05	2.56E-05	3.15E-06	6.05E-05	7.46E-06	1.60E-05	1.60E-05	3.69E-01	7.29E-02	8.00E-01	1.01E-01
1712	Gridded	3.95E-05	6.27E-06	8.74E-06	1.37E-06	4.47E-04	7.21E-05	4.72E-04	7.58E-05	5.75E-04	8.96E-05	1.05E-05	1.69E-06	1.78E-03	2.87E-04	2.17E-03	3.43E-04	3.74E-03	5.40E-04	4.53E-04	7.29E-05	8.27E-05	1.34E-05	2.40E-05	3.88E-06	5.66E-05	9.16E-06	1.59E-05	1.59E-05	4.18E-01	7.36E-02	1.34E+00	1.25E-01
1713	Gridded	3.76E-05	4.02E-06	8.23E-06	8.63E-07	4.31E-04	4.68E-05	4.54E-04	4.90E-05	5.41E-04	5.65E-05	1.01E-05	1.10E-06	1.72E-03	1.86E-04	2.06E-03	2.20E-04	3.52E-03	3.18E-04	4.36E-04	4.73E-05	8.00E-05	8.71E-06	2.32E-05	2.52E-06	5.47E-05	5.96E-06	9.73E-06	9.73E-06	2.58E-01	5.31E-02	7.89E-01	8.14E-02
1714	Gridded	5.32E-05	5.66E-06	1.14E-05	1.23E-06	6.22E-04	6.54E-05	6.50E-04	6.86E-05	7.47E-04	8.06E-05	1.46E-05	1.53E-06	2.47E-03	2.60E-04	2.91E-03	3.10E-04	4.15E-03	4.78E-04	6.28E-04	6.61E-05	1.16E-04	1.21E-05	3.35E-05	3.52E-06	7.92E-05	8.31E-06	1.42E-05	1.42E-05	3.50E-01	5.75E-02	6.21E-01	7.95E-02
1715	Gridded	5.69E-05	5.84E-06	1.28E-05	1.29E-06	6.37E-04	6.63E-05	6.76E-04	7.00E-05	8.41E-04	8.50E-05	1.49E-05	1.55E-06	2.53E-03	2.63E-04	3.13E-03	3.21E-04	5.77E-03	5.49E-04	6.45E-04	6.71E-05	1.18E-04	1.23E-05	3.40E-05	3.55E-06	8.05E-05	8.40E-06	1.56E-05	1.56E-05	4.54E-01	5.89E-02	8.47E-01	8.31E-02
1716	Gridded	3.42E-05	4.16E-06	7.86E-06	9.32E-07	3.72E-04	4.64E-05	3.99E-04	4.93E-05	5.21E-04	6.15E-05	8.65E-06	1.08E-06	1.48E-03	1.84E-04	1.89E-03	2.29E-04	3.95E-03	4.24E-04	3.78E-04	4.70E-05	6.85E-05	8.57E-06	1.98E-05	2.48E-06	4.68E-05	5.86E-06	1.16E-05	1.16E-05	4.02E-01	5.64E-02	6.97E-01	8.95E-02
1717	Gridded	3.21E-05	3.90E-06	7.07E-06	8.31E-07	3.65E-04	4.58E-05	3.85E-04	4.78E-05	4.65E-04	5.43E-05	8.54E-06	1.08E-06	1.45E-03	1.83E-04	1.76E-03	2.13E-04	2.96E-03	2.93E-04	3.69E-04	4.63E-05	6.76E-05	8.54E-06	1.96E-05	2.47E-06	4.63E-05	5.84E-06	9.15E-06	9.15E-06	3.13E-01	3.46E-02	4.86E-01	5.28E-02
1718	Gridded	3.38E-05	4.82E-06	7.51E-06	1.04E-06	3.80E-04	5.58E-05	4.02E-04	5.85E-05	4.95E-04	6.84E-05	8.88E-06	1.31E-06	1.51E-03	2.22E-04	1.86E-03	2.64E-04	3.30E-03	4.01E-04	3.85E-04	5.64E-05	7.03E-05	1.04E-05	2.04E-05	3.00E-06	4.81E-05	7.09E-06	1.20E-05	1.20E-05	2.26E-01	3.52E-02	3.27E-01	5.00E-02
1719	Gridded	2.69E-05	6.13E-06	5.83E-06	1.34E-06	3.10E-04	7.00E-05	3.25E-04	7.37E-05	3.83E-04	8.84E-05	7.26E-06	1.64E-06	1.23E-03	2.78E-04	1.47E-03	3.36E-04	2.50E-03	5.54E-04	3.13E-04	7.08E-05	5.75E-05	1.30E-05	1.66E-05	3.75E-06	3.93E-05	8.87E-06	1.60E-05	1.60E-05	2.64E-01	4.64E-02	4.06E-01	7.42E-02
1720	Gridded	2.44E-05	5.31E-06	5.34E-06	1.15E-06	2.89E-04	6.15E-05	2.97E-04	6.44E-05	3.51E-04	7.54E-05	6.84E-06	1.44E-06	1.15E-03	2.45E-04	1.34E-03	2.91E-04	2.29E-03	4.57E-04	2.91E-04	6.21E-05	5.41E-05	1.14E-05	1.57E-05	3.31E-06	3.70E-05	7.82E-06	1.32E-05	1.32E-05	3.19E-01	5.71E-02	6.87E-01	1.19E-01
1721	Gridded	2.60E-05	5.83E-06	5.56E-06	1.27E-06	3.10E-04	6.70E-05	3.21E-04	7.04E-05	3.64E-04	8.34E-05	7.32E-06	1.57E-06	1.24E-03	2.66E-04	1.42E-03	3.19E-04	2.01E-03	5.06E-04	3.12E-04	6.77E-05	5.80E-05	1.24E-05	1.68E-05	3.60E-06	3.97E-05	8.50E-06	1.48E-05	1.48E-05	3.28E-01	4.45E-02	5.77E-01	7.40E-02
1722	Gridded	2.65E-05	4.71E-06	5.78E-06	1.03E-06	3.05E-04	5.40E-05	3.20E-04	5.68E-05	3.80E-04	6.76E-05	7.15E-06	1.27E-06	1.21E-03	2.15E-04	1.45E-03	2.58E-04	2.30E-03	4.16E-04	3.08E-04	5.46E-05	5.66E-05	1.00E-05	1.64E-05	2.90E-06	3.87E-05	6.85E-06	1.21E-05	1.21E-05	2.82E-01	3.49E-02	4.55E-01	5.56E-02
1723	Gridded	2.61E-05	3.33E-06	5.75E-06	7.29E-07	2.96E-04	3.81E-05	3.12E-04	4.01E-05	3.78E-04	4.79E-05	6.93E-06	8.94E-07	1.18E-03	1.52E-04	1.43E-03	1.83E-04	2.43E-03	2.96E-04	3.00E-04	3.86E-05	5.48E-05	7.08E-06	1.59E-05	2.05E-06	3.75E-05	4.84E-06	8.59E-06	8.59E-06	2.47E-01	2.75E-02	4.42E-01	4.65E-02
1724	Gridded	2.47E-05	3.84E-06	5.51E-06	8.41E-07	2.77E-04	4.39E-05	2.93E-04	4.62E-05	3.63E-04	5.53E-05	6.45E-06	1.03E-06	1.10E-03	1.75E-04	1.36E-03	2.11E-04	2.46E-03	3.43E-04	2.80E-04	4.44E-05	5.11E-05	8.14E-06	1.48E-05	2.36E-06	3.50E-05	5.57E-06	9.94E-06	9.94E-06	2.71E-01	2.96E-02	4.29E-01	4.92E-02
1725	Gridded	2.23E-05	3.62E-06	5.07E-06	7.78E-07	2.46E-04	4.21E-05	2.63E-04	4.40E-05	3.35E-04	5.10E-05	5.73E-06	9.89E-07	9.78E-04	1.68E-04	1.23E-03	1.98E-04	2.42E-03	2.89E-04	2.50E-04	4.25E-05	4.54E-05	7.83E-06	1.31E-05	2.27E-06	3.10E-05	5.36E-06	8.80E-06	8.80E-06	2.13E-01	2.94E-02	4.00E-01	5.26E-02
1726	Gridded	1.92E-05	3.38E-06	4.46E-06	7.17E-07	2.07E-04	3.98E-05	2.23E-04	4.15E-05	2.96E-04	4.68E-05	4.81E-06	9.38E-07	8.23E-04	1.59E-04	1.07E-03	1.84E-04	2.31E-03	2.46E-04	2.11E-04	4.02E-05	3.81E-05	7.42E-06	1.10E-05	2.15E-06	2.60E-05	5.08E-06	7.83E-06	7.83E-06	2.30E-01	3.38E-02	3.80E-01	6.07E-02
1727	Gridded	1.77E-05	2.38E-06	3.73E-06	5.01E-07	2.11E-04	2.84E-05	2.19E-04	2.95E-05	2.47E-04	3.26E-05	4.98E-06	6.70E-07	8.41E-04	1.13E-04	9.66E-04	1.30E-04	2.10E-03	1.63E-04	2.13E-04	2.86E-05	3.94E-05	5.30E-06	1.14E-05	1.54E-06	2.70E-05	3.63E-06	5.31E-06	5.31E-06	2.24E-01	2.61E-02	4.02E-01	4.64E-02
1728	Gridded	1.59E-05	1.83E-06	3.42E-06	4.01E-07	1.86E-04	2.09E-05	1.94E-04	2.20E-05	2.25E-04	2.63E-05	4.36E-06	4.89E-07	7.39E-04	8.30E-05	8.70E-04	1.00E-04	1.80E-03	1.65E-04	1.88E-04	2.11E-05	3.45E-05	3.87E-06	1.00E-05	1.12E-06	2.36E-05	2.65E-06	4.75E-06	4.75E-06	1.79E-01	2.36E-02	3.27E-01	4.03E-02
1729	Gridded	1.55E-05	2.13E-06	3.45E-06	4.69E-07	1.75E-04	2.42E-05	1.85E-04	2.55E-05	2.27E-04	3.09E-05	4.10E-06	5.66E-07	6.97E-04	9.62E-05	8.53E-04	1.17E-04	1.51E-03	1.97E-04	1.77E-04	2.45E-05	3.25E-05	4.48E-06	9.40E-06	1.30E-06	2.22E-05	3.07E-06	5.62E-06	5.62E-06	1.70E-01	2.26E-02	3.04E-01	3.78E-02
1730	Gridded	1.54E-05	2.40E-06	3.41E-06	5.31E-07	1.73E-04	2.71E-05	1.83E-04	2.87E-05	2.25E-04	3.49E-05	4.05E-06	6.34E-07	6.88E-04	1.08E-04	8.44E-04	1.32E-04	1.50E-03	2.27E-04	1.75E-04	2.75E-05	3.20E-05	5.02E-06	9.27E-06	1.45E-06	2.19E-05	3.44E-06	6.42E-06	6.42E-06	2.06E-01	2.08E-02	3.21E-01	3.33E-02
1731	Gridded	1.52E-05	2.54E-06	3.40E-06	5.65E-07	1.84E-04	2.87E-05	1.89E-04	3.03E-05	2.24E-04	3.72E-05	4.36E-06	6.70E-07	7.34E-04	1.14E-04	8.38E-04	1.40E-04	1.52E-03	2.47E-04	1.85E-04	2.90E-05	3.45E-05	5.30E-06	1.00E-05	1.53E-06	2.36E-05	3.63E-06	6.89E-06	6.89E-06	2.12E-01	1.91E-02	3.41E-01	3.25E-02
1732	Gridded	1.74E-05	2.57E-06	3.73E-06	5.73E-07	2.04E-04	2.89E-05	2.13E-04	3.06E-05	2.44E-04	3.77E-05	4.80E-06	6.74E-07	8.12E-04	1.15E-04	9.52E-04	1.41E-04	1.53E-03	2.54E-04	2.06E-04	2.92E-05	3.80E-05	5.33E-06	1.10E-05	1.54E-06	2.60E-05	3.65E-06	7.04E-06	7.04E-06	2.10E-01	1.94E-02	3.50E-01	3.27E-02
1733	Gridded	1.74E-05	2.41E-06	3.80E-06	5.39E-07	2.00E-04	2.70E-05	2.10E-04	2.86E-05	2.49E-04	3.55E-05	4.68E-06	6.30E-07	7.94E-04	1.07E-04	9.53E-04	1.33E-04	1.52E-03	2.42E-04	2.02E-04	2.74E-05	3.70E-05	4.99E-06	1.07E-05	1.44E-06	2.53E-05	3.41E-06	6.67E-06	6.67E-06	1.75E-01	1.79E-02	3.02E-01	3.05E-02
1734	Gridded	1.86E-05	2.33E-06	3.88E-06	5.16E-07	2.24E-04	2.72E-05	2.32E-04	2.84E-05	2.55E-04	3.40E-05	5.30E-06	6.40E-07	8.94E-04	1.08E-04	1.01E-03	1.27E-04	1.50E-03	2.34E-04	2.26E-04	2.75E-05	4.20E-05	5.07E-06	1.21E-05	1.47E-06	2.87E-05	3.47E-06	6.42E-06	6.42E-06	1.71E-01	2.14E-02	3.18E-01	3.15E-02
1735	Gridded	4.18E-05	4.96E-06	9.14E-06	1.07E-06	4.78E-04	5.79E-05	5.03E-04	6.06E-05	6.01E-04	6.97E-05	1.12E-05	1.36E-06	1.90E-03	2.31E-04	2.29E-03	2.71E-04	3.72E-03	3.89E-04	4.84E-04	5.85E-05	8.87E-05	1.08E-05	2.57E-05	3.12E-06	6.07E-05	7.38E-06	1.20E-05	1.20E-05	2.69E-01	3.62E-02	7.20E-01	6.65E-02
1736	Gridded	3.62E-05	3.90E-06	7.82E-06	8.46E-07	4.21E-04	4.49E-05	4.41E-04	4.72E-05	5.12E-04	5.55E-05	9.89E-06	1.05E-06	1.68E-03	1.79E-04	1.98E-03	2.13E-04	2.94E-03	3.31E-04	4.25E-04	4.54E-05	7.83E-05	8.34E-06	2.27E-05	2.42E-06	5.36E-05	5.71E-06	9.79E-06	9.79E-06	3.28E-01	3.40E-02	6.73E-01	5.97E-02
1737	Gridded	2.79E-05	3.51E-06	6.06E-06	7.51E-07	3.21E-04	4.10E-05	3.37E-04	4.29E-05	3.97E-04	4.92E-05	7.54E-06	9.65E-07	1.28E-03	1.63E-04	1.53E-03	1.92E-04	2.37E-03	2.95E-04	3.25E-04	4.14E-05	5.97E-05	7.64E-06	1.73E-05	2.21E-06	4.08E-05	5.23E-06	8.69E-06	8.69E-06	3.65E-01	3.38E-02	6.19E-01	5.91E-02
1738	Gridded	2.67E-05	3.62E-06	5.73E-06	7.77E-07	3.11E-04	4.22E-05	3.25E-04	4.41E-05	3.75E-04	5.09E-05	7.31E-06	9.91E-07	1.24E-03	1.68E-04	1.46E-03	1.98E-04	3.49E-03	2.99E-04	3.14E-04	4.26E-05	5.79E-05	7.85E-06	1.68E-05	2.27E-06	3.96E-05	5.37E-06	8.76E-06	8.76E-06	3.69E-01	3.55E-02	7.21E-01	6.47E-02
1739	Gridded	2.48E-05	3.84E-06	5.35E-06	8.40E-07	2.88E-04	4.45E-05	3.02E-04	4.66E-05	3.51E-04	5.52E-05	6.77E-06	1.04E-06	1.15E-03	1.77E-04	1.36E-03	2.10E-04	3.36E-03	3.49E-04	2.91E-04	4.50E-05	5.36E-05	8.27E-06	1.55E-05	2.39E-06	3.67E-05	5.66E-06	1.00E-05	1.00E-05	3.43E-01	3.92E-02	7.58E-01	6.94E-02
1740	Gridded	2.35E-05	4.73E-06	4.95E-06	1.03E-06	2.78E-04	5.45E-05	2.89E-04	5.72E-05	3.23E-04	6.76E-05	6.55E-06	1.28E-06	1.11E-03	2.17E-04	1.28E-03	2.59E-04	2.38E-03	4.06E-04	2.80E-04	5.51E-05	5.18E-05	1.01E-05	1.50E-05	2.93E-06	3.55E-05	6.92E-06	1.20E-05	1.20E-05	2.84E-01	3.99E-02	5.16E-01	6.68E-02
1741	Gridded	2.09E-05	5.45E-06	4.47E-06	1.18E-06	2.44E-04	6.32E-05	2.55E-04	6.62E-05	2.92E-04	7.72E-05	5.75E-06	1.48E-06	9.73E-04	2.52E-04	1.14E-03	2.98E-04	2.12E-03	4.47E-04	2.47E-04	6.39E-05	4.55E-05	1.18E-05	1.32E-05	3.40E-06	3.11E-05	8.04E-06	1.35E-05	1.35E-05	2.38E-01	3.94E-02	6.01E-01	6.95E-02
1742	Gridded	2.54E-05	5.97E-06	5.30E-06	1.29E-06	3.03E-04	6.94E-05	3.14E-04	7.26E-05	3.45E-04	8.42E-05	7.16E-06	1.63E-06	1.21E-03	2.76E-04	1.38E-03	3.26E-04	2.30E-03	4.80E-04	3.06E-04	7.01E-05	5.67E-05	1.29E-05	1.64E-05	3.74E-06	3.88E-05	8.83E-06	1.46E-05	1.46E-05	2.87E-01	4.08E-02	7.09E-01	9.47E-02
1743	Gridded	2.73E-05	6.15E-06	5.52E-06	1.33E-06	3.35E-04	7.15E-05	3.44E-04	7.48E-05	3.58E-04	8.68E-05	7.95E-06	1.68E-06	1.34E-03	2.84E-04	1.48E-03	3.36E-04	3.00E-03	4.97E-04	3.37E-04	7.22E-05	6.30E-05	1.33E-05	1.82E-05	3.85E-06	4.31E-05	9.09E-06	1.50E-05	1.50E-05	3.85E-01	5.66E-02	7.49E-01	1.09E-01
1744	Gridded	2.68E-05	5.99E-06	5.73E-06	1.32E-06	3.28E-04	6.79E-05	3.36E-04	7.17E-05	3.75E-04	8.71E-05	7.77E-06	1.59E-06	1.31E-03	2.70E-04	1.46E-03	3.29E-04	2.65E-03	5.63E-04	3.30E-04	6.88E-05	6.15E-05	1.26E-05	1.78E-05	3.64E-06	4.21E-05	8.61E-06	1.59E-05	1.59E-05	3.96E-01	6.72E-02	9.51E-01	1.14E-01
1745	Gridded	3.73E-05	6.74E-06	8.01E-06	1.49E-06	4.34E-04	7.66E-05	4.54E-04	8.08E-05	5.24E-04	9.78E-05	1.02E-05	1.79E-06	1.73E-03	3.05E-04	2.04E-03	3.70E-04	2.97E-03	6.26E-04	4.38E-04	7.75E-05	8.07E-05	1.42E-05	2.34E-05	4.11E-06	5.52E-05	9.71E-06	1.78E-05	1.78E-05	4.41E-01	7.10E-02	1.12E+00	1.30E-01
1746	Gridded	3.60E-05	8.13E-06	7.68E-06	1.74E-06	4.22E-04	9.54E-05	4.40E-04	9.95E-05	5.02E-04	1.14E-04	9.93E-06	2.24E-06	1.68E-03	3.80E-04	1.96E-03	4.44E-04	2.80E-03	6.25E-04	4.26E-04	9.63E-05	7.86E-05	1.78E-05	2.28E-05	5.14E-06	5.38E-05	1.22E-05	1.93E-05	1.93E-05	4.48E-01	8.05E-02	1.28E+00	1.57E-01
1747	Gridded	2.54E-05	6.35E-06	5.39E-06	1.38E-06	3.00E-04	7.29E-05	3.13E-04	7.66E-05	3.52E-04	9.09E-05	7.07E-06	1.71E-06	1.20E-03	2.90E-04	1.39E-03	3.48E-04	1.84E-03	5.52E-04	3.03E-04	7.37E-05	5.60E-05	1.35E-05	1.62E-05	3.92E-06	3.83E-05	9.26E-06	1.62E-05	1.62E-05	4.06E-01	7.01E-02	8.33E-01	1.23E-01
1748	Gridded	2.38E-05	5.32E-06	5.09E-06	1.16E-06	2.79E-04	6.14E-05	2.91E-04	6.44E-05	3.33E-04	7.58E-05	6.56E-06	1.44E-06	1.11E-03	2.44E-04	1.30E-03	2.91E-04	1.96E-03	4.51E-04	2.82E-04	6.20E-05	5.20E-05	1.14E-05	1.50E-05	3.30E-06	3.55E-05	7.80E-06	1.34E-05	1.34E-05	3.81E-01	7.74E-02	8.84E-01	1.47E-01
1749	Gridded	2.31E-05	4.38E-06	5.00E-06	9.52E-07	2.93E-04	5.05E-05	2.95E-04	5.30E-05	3.28E-04	6.24E-05	7.00E-06	1.19E-06	1.17E-03	2.01E-04	1.26E-03	2.40E-04	1.98E-03	3.73E-04	2.93E-04	5.11E-05	5.54E-05	9.38E-06	1.60E-05	2.72E-06	3.79E-05	6.42E-06	1.10E-05	1.10E-05	2.94E-01	7.77E-02	6.09E-01	1.24E-01
1750	Gridded	2.34E-05	4.12E-06	5.04E-06	8.97E-07	2.74E-04	4.75E-05	2.85E-04	4.99E-05	3.30E-04	5.88E-05	6.44E-06	1.11E-06	1.09E-03	1.89E-04	1.28E-03	2.26E-04	1.90E-03	3.52E-04	2.76E-04	4.81E-05	5.10E-05	8.83E-06	1.48E-05	2.56E-06	3.49E-05	6.04E-06	1.04E-05	1.04E-05	2.44E-01	6.19E-02	5.51E-01	9.88E-02
1751	Gridded	2.92E-05	5.17E-06	6.33E-06	1.11E-06	3.37E-04	6.01E-05	3.54E-04	6.29E-05	4.15E-04	7.29E-05	7.91E-06	1.41E-06	1.34E-03	2.39E-04	1.60E-03	2.82E-04	2.46E-03	4.16E-04	3.41E-04	6.07E-05	6.27E-05	1.12E-05	1.81E-05	3.23E-06	4.29E-05	7.64E-06	1.26E-05	1.26E-05	3.18E-01	6.72E-02	8.53E-01	1.36E-01
1752	Gridded	2.75E-05	5.66E-06	6.20E-06	1.17E-06	3.30E-04	6.84E-05	3.42E-04	7.06E-05	4.11E-04	7.60E-05	7.80E-06	1.62E-06	1.32E-03	2.73E-04	1.50E-03	3.07E-04	3.11E-03	3.97E-04	3.33E-04	6.89E-05	6.18E-05	1.28E-05	1.79E-05	3.70E-06	4.23E-05	8.76E-06	1.22E-05	1.22E-05	3.30E-01	7.94E-02	7.11E-01	1.27E-01
1753	Gridded	2.66E-05	9.65E-06	5.48E-06	2.05E-06	3.23E-04	1.14E-04	3.33E-04	1.18E-04	3.59E-04	1.34E-04	7.66E-06	2.68E-06	1.29E-03	4.53E-04	1.44E-03	5.26E-04	2.23E-03	7.05E-04	3.26E-04	1.15E-04	6.06E-05	2.12E-05	1.75E-05	6.13E-06	4.15E-05	1.45E-05	2.24E-05	2.24E-05	4.30E-01	7.38E-02	8.47E-01	1.31E-01
1754	Gridded	2.79E-05	8.20E-06	5.87E-06	1.77E-06	3.49E-04	9.50E-05	3.51E-04	9.96E-05	3.83E-04	1.16E-04	8.34E-06	2.23E-06	1.39E-03	3.78E-04	1.52E-03	4.49E-04	2.00E-03	7.23E-04	3.49E-04	9.60E-05	6.60E-05	1.77E-05	1.91E-05	5.11E-06	4.52E-05	1.21E-05	2.03E-05	2.03E-05	2.49E-01	1.02E-01	5.03E-01	1.47E-01
1755	Gridded	2.70E-05	5.45E-06	5.60E-06	1.21E-06	3.48E-04	6.14E-05	3.49E-04	6.50E-05	3.65E-04	7.99E-05	8.32E-06	1.43E-06	1.39E-03	2.44E-04	1.47E-03	3.00E-04	1.88E-03	5.33E-04	3.48E-04	6.22E-05	6.59E-05	1.14E-05	1.91E-05	3.29E-06	4.51E-05	7.77E-06	1.49E-05	1.49E-05	2.85E-01	6.41E-02	5.69E-01	8.21E-02
1756	Gridded	3.44E-05	4.84E-06	7.49E-06	1.02E-06	3.96E-04	5.77E-05	4.16E-04	5.98E-05	4.92E-04	6.64E-05	9.29E-06	1.36E-06	1.58E-03	2.30E-04	1.89E-03	2.64E-04	2.96E-03	4.12E-04	4.01E-04	5.82E-05	7.35E-05	1.08E-05	2.13E-05	3.12E-06	5.03E-05	7.38E-06	1.17E-05	1.17E-05	2.87E-01	4.94E-02	4.35E-01	8.01E-02
1757	Gridded	3.06E-05	6.42E-06	6.98E-06	1.38E-06	3.36E-04	7.46E-05	3.59E-04	7.81E-05	4.61E-04	9.07E-05	7.82E-06	1.75E-06	1.34E-03	2.97E-04	1.69E-03	3.51E-04	3.39E-03	5.19E-04	3.41E-04	7.53E-05	6.19E-05	1.39E-05	1.79E-05	4.01E-06	4.24E-05	9.49E-06	1.57E-05	1.57E-05	2.51E-01	5.67E-02	4.61E-01	8.60E-02
1758	Gridded	3.23E-05	5.33E-06	6.80E-06	1.14E-06	4.30E-04	6.22E-05	4.30E-04	6.50E-05	4.47E-04	7.49E-05	1.03E-05	1.46E-06	1.72E-03	2.48E-04	1.72E-03	2.91E-04	2.76E-03	4.70E-04	4.30E-04	6.28E-05	8.17E-05	1.16E-05	2.37E-05	3.35E-06	5.59E-05	7.92E-06	1.32E-05	1.32E-05	2.61E-01	5.71E-02	6.22E-01	9.27E-02
1759	Gridded	5.02E-05	7.29E-06	1.11E-05	1.53E-06	5.68E-04	8.69E-05	6.01E-04	9.02E-05	7.32E-04	9.95E-05	1.33E-05	2.05E-06	2.26E-03	3.46E-04	2.76E-03	3.97E-04	4.78E-03	4.83E-04	5.76E-04	8.77E-05	1.05E-04	1.62E-05	3.05E-05	4.70E-06	7.20E-05	1.11E-05	1.61E-05	1.61E-05	2.93E-01	5.91E-02	5.75E-01	9.04E-02
1760	Gridded	3.91E-05	7.57E-06	8.48E-06	1.65E-06	4.51E-04	8.73E-05	4.73E-04	9.16E-05	5.57E-04	1.08E-04	1.06E-05	2.05E-06	1.79E-03	3.47E-04	2.14E-03	4.15E-04	3.32E-03	6.48E-04	4.55E-04	8.82E-05	8.37E-05	1.62E-05	2.42E-05	4.69E-06	5.72E-05	1.11E-05	1.91E-05	1.91E-05	7.42E-01	8.40E-02	2.40E+00	1.20E-01
1761	Gridded	3.30E-05	6.09E-06	7.45E-06	1.38E-06	3.66E-04	7.20E-05	3.90E-04	7.46E-05	4.92E-04	9.11E-05	8.53E-06	1.70E-06	1.45E-03	2.87E-04	1.82E-03	3.36E-04	3.48E-03	6.54E-04	3.71E-04	7.26E-05	6.75E-05	1.34E-05	1.95E-05	3.89E-06	4.62E-05	9.20E-06	1.75E-05	1.75E-05	2.87E-01	8.85E-02	4.60E-01	1.20E-01
1762	Gridded	3.75E-05	6.05E-06	8.19E-06	1.37E-06	4.30E-04	6.67E-05	4.52E-04	7.11E-05	5.38E-04	9.06E-05	1.01E-05	1.55E-06	1.71E-03	2.65E-04	2.06E-03	3.33E-04	3.29E-03	6.55E-04	4.35E-04	6.77E-05	7.98E-05	1.23E-05	2.31E-05	3.56E-06	5.46E-05	8.41E-06	1.75E-05	1.75E-05	3.44E-01	7.11E-02	8.47E-01	9.82E-02
1763	Gridded	3.36E-05	7.05E-06	7.56E-06	1.51E-06	3.73E-04	8.27E-05	3.97E-04	8.63E-05	4.99E-04	9.85E-05	8.70E-06	1.95E-06	1.48E-03	3.29E-04	1.85E-03	3.85E-04	3.50E-03	5.36E-04	3.78E-04	8.35E-05	6.89E-05	1.54E-05	1.99E-05	4.46E-06	4.71E-05	1.05E-05	1.67E-05	1.67E-05	4.90E-01	5.96E-02	1.49E+00	1.22E-01
1764	Gridded	3.64E-05	3.67E-06	8.23E-06	8.13E-07	4.03E-04	4.28E-05	4.29E-04	4.47E-05	5.44E-04	5.35E-05	9.37E-06	1.01E-06	1.60E-03	1.71E-04	2.01E-03	2.02E-04	3.89E-03	3.54E-04	4.08E-04	4.33E-05	7.42E-05	7.98E-06	2.15E-05	2.31E-06	5.08E-05	5.46E-06	9.82E-06	9.82E-06	2.99E-01	6.13E-02	9.23E-01	8.98E-02
1765	Gridded	3.41E-05	4.05E-06	7.50E-06	8.73E-07	3.88E-04	4.91E-05	4.09E-04	5.06E-05	4.93E-04	5.73E-05	9.08E-06	1.16E-06	1.54E-03	1.96E-04	1.87E-03	2.21E-04	3.14E-03	3.34E-04	3.92E-04	4.94E-05	7.18E-05	9.19E-06	2.08E-05	2.66E-06	4.92E-05	6.29E-06	1.00E-05	1.00E-05	3.96E-01	5.95E-02	9.68E-01	8.52E-02
1766	Gridded	4.68E-05	5.37E-06	1.01E-05	1.17E-06	5.42E-04	6.15E-05	5.68E-04	6.47E-05	6.64E-04	7.70E-05	1.27E-05	1.44E-06	2.15E-03	2.45E-04	2.56E-03	2.94E-04	3.88E-03	4.72E-04	5.47E-04	6.22E-05	1.01E-04	1.14E-05	2.91E-05	3.30E-06	6.89E-05	7.81E-06	1.38E-05	1.38E-05	3.06E-01	5.00E-02	5.24E-01	9.72E-02
1767	Gridded	4.73E-05	5.03E-06	1.06E-05	1.12E-06	5.29E-04	5.68E-05	5.62E-04	6.01E-05	6.99E-04	7.35E-05	1.23E-05	1.33E-06	2.10E-03	2.26E-04	2.61E-03	2.76E-04	4.80E-03	4.83E-04	5.36E-04	5.75E-05	9.78E-05	1.05E-05	2.83E-05	3.04E-06	6.69E-05	7.19E-06	1.36E-05	1.36E-05	3.43E-01	5.16E-02	8.81E-01	7.64E-02
1768	Gridded	3.09E-05	3.30E-06	6.90E-06	7.40E-07	3.46E-04	3.68E-05	3.67E-04	3.91E-05	4.55E-04	4.88E-05	8.08E-06	8.58E-07	1.38E-03	1.46E-04	1.70E-03	1.82E-04	3.34E-03	3.38E-04	3.51E-04	3.73E-05	6.40E-05	6.79E-06	1.85E-05	1.97E-06	4.38E-05	4.65E-06	9.24E-06	9.24E-06	3.34E-01	5.08E-02	5.90E-01	8.21E-02
1769	Gridded	2.73E-05	3.21E-06	6.02E-06	6.86E-07	3.12E-04	3.77E-05	3.29E-04	3.93E-05	3.98E-04	4.49E-05	7.31E-06	8.86E-07	1.24E-03	1.50E-04	1.50E-03	1.75E-04	2.79E-03	2.50E-04	3.16E-04	3.80E-05	5.79E-05	7.01E-06	1.68E-05	2.03E-06	3.96E-05	4.80E-06	7.61E-06	7.61E-06	2.69E-01	3.10E-02	4.49E-01	4.90E-02
1770	Gridded	3.07E-05	4.41E-06	6.81E-06	9.57E-07	3.47E-04	5.08E-05	3.67E-04	5.34E-05	4.48E-04	6.28E-05	8.11E-06	1.19E-06	1.38E-03	2.02E-04	1.69E-03	2.41E-04	2.94E-03	3.73E-04	3.51E-04	5.14E-05	6.42E-05	9.44E-06	1.86E-05	2.73E-06	4.39E-05	6.46E-06	1.11E-05	1.11E-05	2.81E-01	3.24E-02	4.68E-01	4.97E-02
1771	Gridded	2.53E-05	5.76E-06	5.65E-06	1.26E-06	2.84E-04	6.57E-05	3.01E-04	6.92E-05	3.72E-04	8.31E-05	6.70E-06	1.54E-06	1.13E-03	2.61E-04	1.39E-03	3.16E-04	2.52E-03	5.22E-04	2.88E-04	6.64E-05	5.30E-05	1.22E-05	1.53E-05	3.52E-06	3.63E-05	8.33E-06	1.50E-05	1.50E-05	2.86E-01	4.59E-02	5.23E-01	7.29E-02
1772	Gridded	2.43E-05	4.92E-06	5.34E-06	1.09E-06	2.78E-04	5.57E-05	2.93E-04	5.88E-05	3.51E-04	7.15E-05	6.51E-06	1.30E-06	1.11E-03	2.22E-04	1.34E-03	2.70E-04	2.20E-03	4.62E-04	2.81E-04	5.64E-05	5.16E-05	1.03E-05	1.49E-05	2.99E-06	3.53E-05	7.06E-06	1.31E-05	1.31E-05	3.26E-01	5.72E-02	6.25E-01	1.06E-01
1773	Gridded	2.05E-05	4.59E-06	4.56E-06	1.00E-06	2.31E-04	5.29E-05	2.45E-04	5.55E-05	3.00E-04	6.56E-05	5.40E-06	1.24E-06	9.19E-04	2.10E-04	1.13E-03	2.52E-04	1.99E-03	3.95E-04	2.34E-04	5.34E-05	4.28E-05	9.81E-06	1.24E-05	2.84E-06	2.93E-05	6.71E-06	1.16E-05	1.16E-05	2.23E-01	3.68E-02	4.97E-01	7.15E-02
1774	Gridded	1.80E-05	4.36E-06	3.99E-06	9.53E-07	2.05E-04	5.00E-05	2.16E-04	5.26E-05	2.62E-04	6.26E-05	4.79E-06	1.17E-06	8.14E-04	1.99E-04	9.91E-04	2.39E-04	1.70E-03	3.84E-04	2.07E-04	5.06E-05	3.79E-05	9.28E-06	1.10E-05	2.69E-06	2.59E-05	6.35E-06	1.12E-05	1.12E-05	2.19E-01	2.95E-02	3.50E-01	4.51E-02
1775	Gridded	1.82E-05	3.56E-06	4.05E-06	7.79E-07	2.06E-04	4.07E-05	2.17E-04	4.29E-05	2.67E-04	5.12E-05	4.81E-06	9.54E-07	8.17E-04	1.62E-04	9.97E-04	1.95E-04	1.85E-03	3.16E-04	2.08E-04	4.12E-05	3.81E-05	7.55E-06	1.10E-05	2.19E-06	2.60E-05	5.17E-06	9.18E-06	9.18E-06	2.38E-01	2.65E-02	3.94E-01	4.29E-02
1776	Gridded	1.79E-05	2.49E-06	3.98E-06	5.44E-07	2.07E-04	2.85E-05	2.17E-04	2.99E-05	2.63E-04	3.57E-05	4.85E-06	6.67E-07	8.22E-04	1.13E-04	9.79E-04	1.36E-04	1.94E-03	2.21E-04	2.09E-04	2.88E-05	3.84E-05	5.28E-06	1.11E-05	1.53E-06	2.63E-05	3.61E-06	6.41E-06	6.41E-06	2.13E-01	2.04E-02	3.62E-01	3.45E-02
1777	Gridded	1.83E-05	3.01E-06	3.93E-06	6.63E-07	2.13E-04	3.42E-05	2.23E-04	3.61E-05	2.57E-04	4.36E-05	5.00E-06	8.01E-07	8.47E-04	1.36E-04	9.98E-04	1.65E-04	1.96E-03	2.78E-04	2.15E-04	3.46E-05	3.96E-05	6.34E-06	1.15E-05	1.83E-06	2.71E-05	4.34E-06	7.93E-06	7.93E-06	1.80E-01	1.93E-02	3.12E-01	3.19E-02
1778	Gridded	1.59E-05	3.43E-06	3.38E-06	7.45E-07	1.88E-04	3.96E-05	1.95E-04	4.16E-05	2.21E-04	4.89E-05	4.42E-06	9.29E-07	7.47E-04	1.58E-04	8.68E-04	1.88E-04	1.87E-03	2.90E-04	1.89E-04	4.00E-05	3.50E-05	7.36E-06	1.01E-05	2.13E-06	2.39E-05	5.03E-06	8.62E-06	8.62E-06	1.92E-01	2.69E-02	3.47E-01	4.88E-02
1779	Gridded	1.47E-05	2.92E-06	3.19E-06	6.26E-07	1.71E-04	3.41E-05	1.79E-04	3.57E-05	2.09E-04	4.10E-05	4.00E-06	8.02E-07	6.79E-04	1.36E-04	8.06E-04	1.60E-04	1.69E-03	2.27E-04	1.72E-04	3.45E-05	3.17E-05	6.35E-06	9.17E-06	1.84E-06	2.17E-05	4.35E-06	7.01E-06	7.01E-06	1.73E-01	2.37E-02	3.02E-01	4.27E-02
1780	Gridded	1.44E-05	2.41E-06	3.13E-06	5.11E-07	1.66E-04	2.84E-05	1.74E-04	2.96E-05	2.06E-04	3.34E-05	3.89E-06	6.69E-07	6.60E-04	1.13E-04	7.88E-04	1.31E-04	1.54E-03	1.75E-04	1.68E-04	2.87E-05	3.08E-05	5.30E-06	8.92E-06	1.53E-06	2.11E-05	3.62E-06	5.57E-06	5.57E-06	1.69E-01	2.24E-02	2.82E-01	3.99E-02
1781	Gridded	1.42E-05	1.86E-06	3.01E-06	3.92E-07	1.68E-04	2.22E-05	1.74E-04	2.30E-05	1.99E-04	2.56E-05	3.95E-06	5.23E-07	6.67E-04	8.84E-05	7.72E-04	1.02E-04	1.44E-03	1.32E-04	1.69E-04	2.24E-05	3.12E-05	4.14E-06	9.04E-06	1.20E-06	2.14E-05	2.83E-06	4.17E-06	4.17E-06	1.71E-01	2.12E-02	3.21E-01	3.70E-02
1782	Gridded	1.45E-05	1.72E-06	3.04E-06	3.77E-07	1.72E-04	1.96E-05	1.78E-04	2.06E-05	2.00E-04	2.48E-05	4.05E-06	4.59E-07	6.84E-04	7.79E-05	7.87E-04	9.41E-05	1.47E-03	1.55E-04	1.73E-04	1.98E-05	3.21E-05	3.63E-06	9.28E-06	1.05E-06	2.19E-05	2.49E-06	4.47E-06	4.47E-06	1.48E-01	2.17E-02	2.85E-01	3.74E-02
1783	Gridded	1.41E-05	1.93E-06	3.10E-06	4.26E-07	1.60E-04	2.20E-05	1.68E-04	2.32E-05	2.04E-04	2.80E-05	3.73E-06	5.14E-07	6.34E-04	8.74E-05	7.72E-04	1.06E-04	1.37E-03	1.79E-04	1.62E-04	2.22E-05	2.96E-05	4.07E-06	8.55E-06	1.18E-06	2.02E-05	2.79E-06	5.10E-06	5.10E-06	1.51E-01	2.03E-02	2.56E-01	3.41E-02
1784	Gridded	1.43E-05	2.06E-06	3.16E-06	4.56E-07	1.62E-04	2.33E-05	1.71E-04	2.47E-05	2.08E-04	3.00E-05	3.80E-06	5.46E-07	6.45E-04	9.28E-05	7.85E-04	1.13E-04	1.34E-03	1.95E-04	1.64E-04	2.36E-05	3.00E-05	4.32E-06	8.70E-06	1.25E-06	2.06E-05	2.96E-06	5.51E-06	5.51E-06	1.61E-01	1.73E-02	2.52E-01	2.78E-02
1785	Gridded	1.44E-05	2.15E-06	3.19E-06	4.78E-07	1.71E-04	2.43E-05	1.77E-04	2.57E-05	2.10E-04	3.15E-05	4.05E-06	5.67E-07	6.83E-04	9.65E-05	7.92E-04	1.18E-04	1.37E-03	2.08E-04	1.73E-04	2.46E-05	3.21E-05	4.49E-06	9.28E-06	1.30E-06	2.19E-05	3.07E-06	5.82E-06	5.82E-06	1.84E-01	1.59E-02	3.06E-01	2.75E-02
1786	Gridded	3.89E-05	4.06E-06	8.50E-06	8.86E-07	4.46E-04	4.67E-05	4.69E-04	4.90E-05	5.58E-04	5.81E-05	1.05E-05	1.09E-06	1.77E-03	1.86E-04	2.13E-03	2.23E-04	3.42E-03	3.98E-04	4.51E-04	4.72E-05	8.28E-05	8.66E-06	2.40E-05	2.51E-06	5.66E-05	5.93E-06	1.03E-05	1.03E-05	3.88E-01	3.07E-02	6.22E-01	5.54E-02
1787	Gridded	3.78E-05	3.86E-06	8.18E-06	8.47E-07	4.38E-04	4.41E-05	4.59E-04	4.64E-05	5.36E-04	5.56E-05	1.03E-05	1.03E-06	1.74E-03	1.75E-04	2.07E-03	2.12E-04	4.32E-03	4.71E-04	4.42E-04	4.46E-05	8.13E-05	8.17E-06	2.35E-05	2.37E-06	5.57E-05	5.59E-06	1.08E-05	1.08E-05	3.66E-01	3.35E-02	6.90E-01	6.57E-02
1788	Gridded	3.37E-05	4.58E-06	7.29E-06	1.01E-06	3.91E-04	5.21E-05	4.10E-04	5.50E-05	4.78E-04	6.64E-05	9.18E-06	1.22E-06	1.56E-03	2.07E-04	1.85E-03	2.52E-04	3.98E-03	4.29E-04	3.95E-04	5.27E-05	7.27E-05	9.65E-06	2.10E-05	2.79E-06	4.97E-05	6.60E-06	1.21E-05	1.21E-05	3.23E-01	3.63E-02	6.96E-01	6.49E-02

Scenario 1 Results

1789	Gridded	3.05E-05	5.52E-06	6.69E-06	1.20E-06	3.49E-04	6.35E-05	3.67E-04	6.67E-05	4.40E-04	7.90E-05	8.17E-06	1.49E-06	1.39E-03	2.53E-04	1.67E-03	3.03E-04	3.70E-03	4.79E-04	3.53E-04	6.42E-05	6.47E-05	1.18E-05	1.87E-05	3.41E-06	4.43E-05	8.06E-06	1.41E-05	1.41E-05	2.83E-01	3.73E-02	5.40E-01	6.26E-02
1790	Gridded	3.99E-05	6.59E-06	8.60E-06	1.43E-06	4.65E-04	7.63E-05	4.86E-04	8.00E-05	5.64E-04	9.35E-05	1.09E-05	1.79E-06	1.85E-03	3.04E-04	2.18E-03	3.61E-04	4.22E-03	5.55E-04	4.69E-04	7.71E-05	8.64E-05	1.42E-05	2.50E-05	4.11E-06	5.91E-05	9.70E-06	1.64E-05	1.64E-05	2.88E-01	3.82E-02	7.89E-01	9.13E-02
1791	Gridded	3.57E-05	6.29E-06	7.49E-06	1.36E-06	4.26E-04	7.32E-05	4.42E-04	7.66E-05	4.88E-04	8.88E-05	1.01E-05	1.72E-06	1.70E-03	2.91E-04	1.95E-03	3.44E-04	3.39E-03	5.47E-04	4.30E-04	7.39E-05	7.96E-05	1.36E-05	2.31E-05	3.94E-06	5.45E-05	9.31E-06	1.54E-05	1.54E-05	3.35E-01	4.52E-02	8.23E-01	1.06E-01
1792	Gridded	2.72E-05	5.49E-06	5.52E-06	1.18E-06	3.34E-04	6.39E-05	3.43E-04	6.68E-05	3.58E-04	7.75E-05	7.91E-06	1.50E-06	1.33E-03	2.54E-04	1.47E-03	3.00E-04	2.77E-03	4.43E-04	3.36E-04	6.45E-05	6.26E-05	1.19E-05	1.81E-05	3.44E-06	4.28E-05	8.13E-06	1.34E-05	1.34E-05	3.42E-01	5.03E-02	6.88E-01	9.97E-02
1793	Gridded	2.02E-05	4.88E-06	4.30E-06	1.08E-06	2.38E-04	5.53E-05	2.48E-04	5.84E-05	2.81E-04	7.10E-05	5.63E-06	1.29E-06	9.49E-04	2.20E-04	1.10E-03	2.68E-04	2.06E-03	4.62E-04	2.40E-04	5.60E-05	4.46E-05	1.02E-05	1.29E-05	2.96E-06	3.05E-05	7.00E-06	1.30E-05	1.30E-05	2.92E-01	5.33E-02	6.55E-01	8.92E-02
1794	Gridded	2.93E-05	5.65E-06	6.32E-06	1.25E-06	3.40E-04	6.41E-05	3.56E-04	6.77E-05	4.14E-04	8.21E-05	7.99E-06	1.50E-06	1.35E-03	2.55E-04	1.60E-03	3.10E-04	2.63E-03	5.29E-04	3.44E-04	6.49E-05	6.32E-05	1.19E-05	1.83E-05	3.44E-06	4.33E-05	8.12E-06	1.50E-05	1.50E-05	3.71E-01	6.11E-02	8.14E-01	1.07E-01
1795	Gridded	4.00E-05	7.75E-06	8.63E-06	1.67E-06	4.67E-04	9.02E-05	4.86E-04	9.44E-05	5.65E-04	1.09E-04	1.10E-05	2.12E-06	1.86E-03	3.59E-04	2.19E-03	4.24E-04	3.26E-03	6.48E-04	4.71E-04	9.11E-05	8.69E-05	1.68E-05	2.52E-05	4.86E-06	5.95E-05	1.15E-05	1.89E-05	1.89E-05	4.06E-01	7.16E-02	1.25E+00	1.45E-01
1796	Gridded	4.19E-05	8.36E-06	8.88E-06	1.79E-06	4.95E-04	9.81E-05	5.15E-04	1.02E-04	5.80E-04	1.17E-04	1.17E-05	2.31E-06	1.97E-03	3.90E-04	2.29E-03	4.57E-04	3.25E-03	6.70E-04	5.00E-04	9.90E-05	9.23E-05	1.83E-05	2.67E-05	5.29E-06	6.32E-05	1.25E-05	1.98E-05	1.98E-05	4.30E-01	8.60E-02	1.04E+00	1.59E-01
1797	Gridded	3.33E-05	7.47E-06	7.12E-06	1.62E-06	3.89E-04	8.63E-05	4.06E-04	9.05E-05	4.66E-04	1.06E-04	9.15E-06	2.02E-06	1.55E-03	3.43E-04	1.82E-03	4.09E-04	2.57E-03	6.29E-04	3.93E-04	8.72E-05	7.24E-05	1.60E-05	2.10E-05	4.64E-06	4.96E-05	1.10E-05	1.87E-05	1.87E-05	4.33E-01	7.15E-02	1.09E+00	1.48E-01
1798	Gridded	3.20E-05	6.25E-06	6.63E-06	1.35E-06	3.87E-04	7.23E-05	4.00E-04	7.58E-05	4.31E-04	8.86E-05	9.15E-06	1.70E-06	1.54E-03	2.88E-04	1.74E-03	3.42E-04	2.63E-03	5.17E-04	3.90E-04	7.31E-05	7.24E-05	1.34E-05	2.10E-05	3.89E-06	4.95E-05	9.20E-06	1.55E-05	1.55E-05	4.47E-01	9.19E-02	9.97E-01	2.00E-01
1799	Gridded	3.39E-05	4.94E-06	6.41E-06	1.04E-06	4.40E-04	5.84E-05	4.43E-04	6.07E-05	4.10E-04	6.82E-05	1.05E-05	1.38E-06	1.76E-03	2.33E-04	1.82E-03	2.69E-04	1.95E-03	3.93E-04	4.41E-04	5.89E-05	8.32E-05	1.09E-05	2.41E-05	3.15E-06	5.69E-05	7.45E-06	1.17E-05	1.17E-05	4.20E-01	1.02E-01	9.22E-01	1.46E-01
1800	Gridded	2.59E-05	4.77E-06	5.43E-06	1.01E-06	3.08E-04	5.61E-05	3.20E-04	5.85E-05	3.54E-04	6.62E-05	7.27E-06	1.32E-06	1.23E-03	2.23E-04	1.41E-03	2.60E-04	1.90E-03	3.51E-04	3.11E-04	5.66E-05	5.75E-05	1.05E-05	1.67E-05	3.03E-06	3.94E-05	7.16E-06	1.11E-05	1.11E-05	3.41E-01	6.72E-02	7.90E-01	1.29E-01
1801	Gridded	2.59E-05	4.72E-06	5.58E-06	1.02E-06	3.01E-04	5.48E-05	3.15E-04	5.74E-05	3.65E-04	6.65E-05	7.07E-06	1.29E-06	1.20E-03	2.18E-04	1.42E-03	2.58E-04	2.08E-03	3.79E-04	3.04E-04	5.54E-05	5.60E-05	1.02E-05	1.62E-05	2.95E-06	3.83E-05	6.98E-06	1.15E-05	1.15E-05	2.74E-01	6.42E-02	6.91E-01	1.34E-01
1802	Gridded	2.74E-05	5.65E-06	6.21E-06	1.21E-06	3.03E-04	6.63E-05	3.23E-04	6.91E-05	4.10E-04	7.88E-05	7.07E-06	1.56E-06	1.21E-03	2.64E-04	1.51E-03	3.08E-04	2.93E-03	4.27E-04	3.08E-04	6.69E-05	5.59E-05	1.24E-05	1.62E-05	3.59E-06	3.83E-05	8.47E-06	1.33E-05	1.33E-05	3.66E-01	8.81E-02	7.57E-01	1.50E-01
1803	Gridded	2.38E-05	9.04E-06	5.07E-06	1.92E-06	2.79E-04	1.07E-04	2.91E-04	1.11E-04	3.32E-04	1.25E-04	6.55E-06	2.51E-06	1.11E-03	4.24E-04	1.30E-03	4.93E-04	2.54E-03	6.59E-04	2.81E-04	1.08E-04	5.19E-05	1.99E-05	1.50E-05	5.75E-06	3.55E-05	1.36E-05	2.10E-05	2.10E-05	4.63E-01	5.93E-02	9.20E-01	1.06E-01
1804	Gridded	2.47E-05	7.63E-06	5.27E-06	1.68E-06	2.90E-04	8.66E-05	3.03E-04	9.14E-05	3.45E-04	1.11E-04	6.83E-06	2.02E-06	1.16E-03	3.44E-04	1.35E-03	4.19E-04	2.03E-03	7.13E-04	2.93E-04	8.76E-05	5.41E-05	1.60E-05	1.57E-05	4.64E-06	3.70E-05	1.10E-05	2.02E-05	2.02E-05	2.28E-01	9.56E-02	6.18E-01	1.66E-01
1805	Gridded	2.62E-05	6.19E-06	5.23E-06	1.36E-06	3.45E-04	7.05E-05	3.46E-04	7.43E-05	3.42E-04	8.95E-05	8.26E-06	1.65E-06	1.38E-03	2.80E-04	1.40E-03	3.40E-04	2.00E-03	5.68E-04	3.45E-04	7.13E-05	6.54E-05	1.31E-05	1.89E-05	3.78E-06	4.47E-05	8.93E-06	1.62E-05	1.62E-05	2.61E-01	6.34E-02	4.80E-01	9.33E-02
1806	Gridded	2.45E-05	4.17E-06	5.25E-06	9.06E-07	2.98E-04	4.95E-05	2.99E-04	5.12E-05	3.44E-04	5.94E-05	7.14E-06	1.17E-06	1.19E-03	1.97E-04	1.34E-03	2.28E-04	1.91E-03	3.54E-04	2.98E-04	4.98E-05	5.65E-05	9.25E-06	1.64E-05	2.68E-06	3.87E-05	6.33E-06	1.05E-05	1.05E-05	2.92E-01	5.23E-02	6.40E-01	1.12E-01
1807	Gridded	3.36E-05	5.33E-06	7.44E-06	1.13E-06	3.81E-04	6.29E-05	4.03E-04	6.55E-05	4.89E-04	7.40E-05	8.92E-06	1.48E-06	1.52E-03	2.50E-04	1.85E-03	2.91E-04	3.17E-03	3.90E-04	3.86E-04	6.34E-05	7.06E-05	1.17E-05	2.04E-05	3.39E-06	4.83E-05	8.02E-06	1.24E-05	1.24E-05	2.51E-01	5.31E-02	4.74E-01	8.25E-02
1808	Gridded	2.62E-05	5.31E-06	5.48E-06	1.16E-06	3.49E-04	6.06E-05	3.49E-04	6.38E-05	3.63E-04	7.65E-05	8.38E-06	1.42E-06	1.40E-03	2.41E-04	1.40E-03	2.91E-04	2.75E-03	4.79E-04	3.49E-04	6.13E-05	6.63E-05	1.12E-05	1.92E-05	3.25E-06	4.54E-05	7.69E-06	1.38E-05	1.38E-05	2.20E-01	5.35E-02	4.50E-01	7.93E-02
1809	Gridded	3.07E-05	4.72E-06	6.77E-06	1.04E-06	3.48E-04	5.39E-05	3.68E-04	5.67E-05	4.46E-04	6.80E-05	8.15E-06	1.26E-06	1.38E-03	2.14E-04	1.68E-03	2.59E-04	2.87E-03	4.26E-04	3.53E-04	5.45E-05	6.45E-05	9.98E-06	1.87E-05	2.89E-06	4.41E-05	6.83E-06	1.23E-05	1.23E-05	2.32E-01	5.15E-02	4.87E-01	7.73E-02
1810	Gridded	4.57E-05	6.55E-06	1.01E-05	1.39E-06	5.18E-04	7.71E-05	5.47E-04	8.03E-05	6.66E-04	9.11E-05	1.21E-05	1.81E-06	2.06E-03	3.07E-04	2.51E-03	3.58E-04	4.34E-03	4.86E-04	5.24E-04	7.78E-05	9.59E-05	1.44E-05	2.77E-05	4.16E-06	6.56E-05	9.83E-06	1.53E-05	1.53E-05	2.53E-01	5.62E-02	5.00E-01	8.55E-02
1811	Gridded	3.55E-05	6.78E-06	7.64E-06	1.48E-06	4.12E-04	7.81E-05	4.32E-04	8.20E-05	5.01E-04	9.68E-05	9.69E-06	1.83E-06	1.64E-03	3.11E-04	1.94E-03	3.71E-04	2.86E-03	5.81E-04	4.17E-04	7.90E-05	7.67E-05	1.45E-05	2.22E-05	4.20E-06	5.25E-05	9.92E-06	1.71E-05	1.71E-05	1.04E+00	7.06E-02	2.98E+00	1.35E-01
1812	Gridded	3.12E-05	6.40E-06	7.05E-06	1.44E-06	3.45E-04	7.13E-05	3.67E-04	7.57E-05	4.66E-04	9.48E-05	8.03E-06	1.66E-06	1.37E-03	2.83E-04	1.72E-03	3.52E-04	3.33E-03	6.59E-04	3.50E-04	7.23E-05	6.36E-05	1.32E-05	1.84E-05	3.81E-06	4.35E-05	9.00E-06	1.80E-05	1.80E-05	3.71E-01	7.85E-02	6.62E-01	1.09E-01
1813	Gridded	3.27E-05	6.44E-06	7.06E-06	1.44E-06	3.79E-04	7.24E-05	3.97E-04	7.67E-05	4.63E-04	9.46E-05	8.89E-06	1.69E-06	1.51E-03	2.88E-04	1.79E-03	3.54E-04	2.69E-03	6.36E-04	3.83E-04	7.34E-05	7.03E-05	1.34E-05	2.04E-05	3.88E-06	4.81E-05	9.16E-06	1.76E-05	1.76E-05	4.21E-01	6.41E-02	9.04E-01	8.90E-02
1814	Gridded	3.44E-05	5.92E-06	7.64E-06	1.24E-06	3.89E-04	7.06E-05	4.11E-04	7.33E-05	5.03E-04	8.11E-05	9.08E-06	1.67E-06	1.55E-03	2.81E-04	1.89E-03	3.23E-04	3.31E-03	4.29E-04	3.94E-04	7.12E-05	7.19E-05	1.32E-05	2.08E-05	3.82E-06	4.92E-05	9.02E-06	1.32E-05	1.32E-05	3.59E-01	5.30E-02	1.19E+00	9.14E-02
1815	Gridded	3.44E-05	4.74E-06	7.70E-06	1.04E-06	3.86E-04	5.41E-05	4.09E-04	5.70E-05	5.08E-04	6.85E-05	9.00E-06	1.27E-06	1.53E-03	2.15E-04	1.90E-03	2.60E-04	3.46E-03	4.31E-04	3.91E-04	5.47E-05	7.13E-05	1.00E-05	2.06E-05	2.90E-06	4.88E-05	6.86E-06	1.24E-05	1.24E-05	4.63E-01	6.39E-02	7.84E-01	1.10E-01
1816	Gridded	3.13E-05	3.98E-06	7.09E-06	8.56E-07	3.45E-04	4.64E-05	3.67E-04	4.85E-05	4.69E-04	5.61E-05	8.02E-06	1.09E-06	1.37E-03	1.85E-04	1.72E-03	2.18E-04	3.39E-03	3.17E-04	3.50E-04	4.69E-05	6.35E-05	8.63E-06	1.84E-05	2.50E-06	4.34E-05	5.90E-06	9.66E-06	9.66E-06	2.58E-01	5.23E-02	1.14E+00	8.71E-02
1817	Gridded	2.88E-05	5.08E-06	6.36E-06	1.07E-06	3.27E-04	6.04E-05	3.45E-04	6.27E-05	4.18E-04	6.96E-05	7.64E-06	1.43E-06	1.30E-03	2.41E-04	1.58E-03	2.77E-04	2.70E-03	3.65E-04	3.31E-04	6.09E-05	6.05E-05	1.13E-05	1.75E-05	3.27E-06	4.14E-05	7.72E-06	1.13E-05	1.13E-05	2.97E-01	5.17E-02	8.06E-01	7.27E-02
1818	Gridded	3.98E-05	5.23E-06	8.67E-06	1.15E-06	4.59E-04	5.97E-05	4.82E-04	6.29E-05	5.69E-04	7.55E-05	1.08E-05	1.40E-06	1.82E-03	2.38E-04	2.18E-03	2.87E-04	3.43E-03	4.73E-04	4.64E-04	6.04E-05	8.51E-05	1.11E-05	2.46E-05	3.21E-06	5.83E-05	7.58E-06	1.36E-05	1.36E-05	3.04E-01	5.17E-02	6.76E-01	1.06E-01
1819	Gridded	3.87E-05	4.54E-06	8.66E-06	1.01E-06	4.32E-04	5.11E-05	4.59E-04	5.41E-05	5.71E-04	6.66E-05	1.01E-05	1.19E-06	1.72E-03	2.03E-04	2.13E-03	2.50E-04	3.93E-03	4.46E-04	4.38E-04	5.17E-05	7.98E-05	9.44E-06	2.31E-05	2.73E-06	5.46E-05	6.46E-06	1.24E-05	1.24E-05	2.91E-01	5.05E-02	9.32E-01	8.29E-02
1820	Gridded	4.11E-05	3.65E-06	9.13E-06	7.75E-07	4.64E-04	4.31E-05	4.90E-04	4.49E-05	6.01E-04	5.06E-05	1.08E-05	1.01E-06	1.84E-03	1.72E-04	2.26E-03	1.99E-04	3.97E-03	3.00E-04	4.70E-04	4.35E-05	8.58E-05	8.03E-06	2.48E-05	2.33E-06	5.87E-05	5.50E-06	8.45E-06	8.45E-06	2.79E-01	5.25E-02	5.02E-01	8.69E-02
1821	Gridded	3.53E-05	3.12E-06	7.84E-06	6.61E-07	3.98E-04	3.70E-05	4.21E-04	3.84E-05	5.16E-04	4.32E-05	9.30E-06	8.71E-07	1.58E-03	1.47E-04	1.94E-03	1.70E-04	3.42E-03	2.43E-04	4.03E-04	3.73E-05	7.36E-05	6.89E-06	2.13E-05	2.00E-06	5.04E-05	4.72E-06	7.17E-06	7.17E-06	3.06E-01	4.01E-02	5.28E-01	6.53E-02
1822	Gridded	2.85E-05	5.23E-06	6.30E-06	1.14E-06	3.43E-04	6.02E-05	3.54E-04	6.32E-05	4.14E-04	7.47E-05	8.12E-06	1.41E-06	1.37E-03	2.39E-04	1.57E-03	2.86E-04	2.67E-03	4.50E-04	3.46E-04	6.08E-05	6.43E-05	1.12E-05	1.86E-05	3.23E-06	4.40E-05	7.64E-06	1.32E-05	1.32E-05	3.73E-01	4.09E-02	5.53E-01	6.78E-02
1823	Gridded	2.71E-05	5.34E-06	5.69E-06	1.15E-06	3.33E-04	6.24E-05	3.42E-04	6.52E-05	3.75E-04	7.50E-05	7.89E-06	1.47E-06	1.33E-03	2.48E-04	1.47E-03	2.92E-04	2.48E-03	4.54E-04	3.35E-04	6.30E-05	6.24E-05	1.16E-05	1.81E-05	3.36E-06	4.27E-05	7.94E-06	1.31E-05	1.31E-05	2.76E-01	4.00E-02	5.68E-01	6.34E-02
1824	Gridded	2.12E-05	4.67E-06	4.68E-06	1.03E-06	2.47E-04	5.30E-05	2.55E-04	5.59E-05	3.08E-04	6.78E-05	5.85E-06	1.24E-06	9.86E-04	2.11E-04	1.16E-03	2.56E-04	1.98E-03	4.37E-04	2.49E-04	5.36E-05	4.63E-05	9.81E-06	1.34E-05	2.84E-06	3.17E-05	6.71E-06	1.24E-05	1.24E-05	2.86E-01	4.96E-02	4.75E-01	8.25E-02
1825	Gridded	1.92E-05	3.67E-06	4.27E-06	7.98E-07	2.16E-04	4.22E-05	2.29E-04	4.44E-05	2.81E-04	5.24E-05	5.06E-06	9.91E-07	8.60E-04	1.68E-04	1.06E-03	2.01E-04	1.87E-03	3.15E-04	2.19E-04	4.27E-05	4.00E-05	7.84E-06	1.16E-05	2.27E-06	2.74E-05	5.37E-06	9.28E-06	9.28E-06	1.88E-01	3.04E-02	4.14E-01	5.92E-02
1826	Gridded	1.76E-05	3.84E-06	3.91E-06	8.39E-07	1.98E-04	4.41E-05	2.10E-04	4.64E-05	2.57E-04	5.51E-05	4.63E-06	1.03E-06	7.87E-04	1.75E-04	9.66E-04	2.11E-04	1.71E-03	3.36E-04	2.01E-04	4.46E-05	3.66E-05	8.18E-06	1.06E-05	2.37E-06	2.51E-05	5.60E-06	9.83E-06	9.83E-06	1.78E-01	2.49E-02	3.69E-01	5.20E-02
1827	Gridded	1.60E-05	3.53E-06	3.52E-06	7.72E-07	1.81E-04	4.04E-05	1.91E-04	4.25E-05	2.32E-04	5.07E-05	4.24E-06	9.46E-07	7.21E-04	1.61E-04	8.77E-04	1.93E-04	1.67E-03	3.13E-04	1.84E-04	4.09E-05	3.36E-05	7.49E-06	9.73E-06	2.17E-06	2.30E-05	5.13E-06	9.09E-06	9.09E-06	1.88E-01	2.42E-02	3.20E-01	3.79E-02
1828	Gridded	1.57E-05	2.85E-06	3.47E-06	6.23E-07	1.79E-04	3.26E-05	1.89E-04	3.43E-05	2.28E-04	4.09E-05	4.18E-06	7.63E-07	7.11E-04	1.29E-04	8.64E-04	1.56E-04	1.70E-03	2.54E-04	1.81E-04	3.29E-05	3.31E-05	6.04E-06	9.59E-06	1.75E-06	2.27E-05	4.13E-06	7.36E-06	7.36E-06	2.01E-01	2.11E-02	3.46E-01	3.45E-02
1829	Gridded	1.50E-05	2.08E-06	3.27E-06	4.55E-07	1.72E-04	2.38E-05	1.81E-04	2.50E-05	2.15E-04	2.99E-05	4.03E-06	5.57E-07	6.84E-04	9.46E-05	8.22E-04	1.14E-04	1.66E-03	2.05E-04	1.74E-04	2.41E-05	3.19E-05	4.41E-06	9.24E-06	1.28E-06	2.18E-05	3.02E-06	5.58E-06	5.58E-06	1.85E-01	1.87E-02	3.17E-01	2.82E-02
1830	Gridded	1.58E-05	2.65E-06	3.43E-06	5.88E-07	1.82E-04	3.00E-05	1.91E-04	3.17E-05	2.25E-04	3.87E-05	4.28E-06	7.01E-07	7.25E-04	1.19E-04	8.64E-04	1.46E-04	1.53E-03	2.54E-04	1.84E-04	3.04E-05	3.39E-05	5.55E-06	9.80E-06	1.61E-06	2.32E-05	3.80E-06	7.14E-06	7.14E-06	1.54E-01	1.67E-02	2.76E-01	2.55E-02
1831	Gridded	1.47E-05	2.97E-06	3.17E-06	6.50E-07	1.72E-04	3.40E-05	1.80E-04	3.58E-05	2.07E-04	4.27E-05	4.04E-06	7.97E-07	6.84E-04	1.35E-04	8.05E-04	1.63E-04	1.34E-03	2.63E-04	1.74E-04	3.44E-05	3.20E-05	6.31E-06	9.25E-06	1.83E-06	2.19E-05	4.32E-06	7.65E-06	7.65E-06	1.67E-01	2.11E-02	3.06E-01	3.76E-02
1832	Gridded	1.39E-05	2.92E-06	3.09E-06	6.32E-07	1.58E-04	3.39E-05	1.67E-04	3.55E-05	2.04E-04	4.14E-05	3.68E-06	7.96E-07	6.26E-04	1.35E-04	7.66E-04	1.60E-04	1.38E-03	2.40E-04	1.60E-04	3.42E-05	2.91E-05	6.30E-06	8.44E-06	1.82E-06	1.99E-05	4.31E-06	7.22E-06	7.22E-06	1.62E-01	2.47E-02	2.94E-01	4.48E-02
1833	Gridded	1.35E-05	2.55E-06	3.00E-06	5.45E-07	1.52E-04	2.99E-05	1.61E-04	3.12E-05	1.97E-04	3.56E-05	3.55E-06	7.03E-07	6.05E-04	1.19E-04	7.41E-04	1.39E-04	1.46E-03	1.95E-04	1.54E-04	3.02E-05	2.81E-05	5.56E-06	8.14E-06	1.61E-06	1.93E-05	3.81E-06	6.06E-06	6.06E-06	1.71E-01	2.45E-02	2.72E-01	4.40E-02
1834	Gridded	1.29E-05	2.05E-06	2.86E-06	4.33E-07	1.47E-04	2.42E-05	1.55E-04	2.52E-05	1.89E-04	2.83E-05	3.44E-06	5.71E-07	5.84E-04	9.65E-05	7.10E-04	1.12E-04	1.39E-03	1.45E-04	1.49E-04	2.44E-05	2.72E-05	4.52E-06	7.87E-06	1.31E-06	1.86E-05	3.09E-06	4.68E-06	4.68E-06	1.74E-01	2.19E-02	3.05E-01	3.91E-02
1835	Gridded	1.37E-05	1.57E-06	2.98E-06	3.30E-07	1.60E-04	1.88E-05	1.67E-04	1.95E-05	1.96E-04	2.15E-05	3.77E-06	4.44E-07	6.39E-04	7.49E-05	7.47E-04	8.57E-05	1.26E-03	1.23E-04	1.62E-04	1.90E-05	2.99E-05	3.51E-06	8.65E-06	1.02E-06	2.04E-05	2.40E-06	3.70E-06	3.70E-06	1.50E-01	1.92E-02	2.89E-01	3.39E-02
1836	Gridded	1.88E-05	2.08E-06	4.01E-06	4.49E-07	2.21E-04	2.43E-05	2.31E-04	2.54E-05	2.63E-04	2.94E-05	5.21E-06	5.70E-07	8.81E-04	9.65E-05	1.03E-03	1.14E-04	1.41E-03	1.67E-04	2.23E-04	2.45E-05	4.12E-05	4.51E-06	1.19E-05	1.31E-06	2.82E-05	3.09E-06	5.08E-06	5.08E-06	1.72E-01	2.12E-02	3.44E-01	3.68E-02
1837	Gridded	3.67E-05	4.90E-06	7.97E-06	1.08E-06	4.23E-04	5.57E-05	4.44E-04	5.87E-05	5.23E-04	7.10E-05	9.93E-06	1.30E-06	1.68E-03	2.21E-04	2.01E-03	2.69E-04	3.99E-03	4.53E-04	4.28E-04	5.64E-05	7.86E-05	1.03E-05	2.28E-05	2.99E-06	5.38E-05	7.06E-06	1.29E-05	1.29E-05	2.60E-01	3.16E-02	5.87E-01	5.48E-02
1838	Gridded	4.14E-05	6.20E-06	9.07E-06	1.35E-06	4.75E-04	7.12E-05	4.99E-04	7.48E-05	5.96E-04	8.89E-05	1.11E-05	1.67E-06	1.89E-03	2.83E-04	2.27E-03	3.40E-04	4.19E-03	5.42E-04	4.80E-04	7.20E-05	8.80E-05	1.32E-05	2.55E-05	3.82E-06	6.02E-05	9.04E-06	1.59E-05	1.59E-05	2.48E-01	3.25E-02	5.42E-01	5.94E-02
1839	Gridded	4.67E-05	6.72E-06	1.00E-05	1.45E-06	5.44E-04	7.78E-05	5.69E-04	8.16E-05	6.57E-04	9.53E-05	1.28E-05	1.83E-06	2.17E-03	3.10E-04	2.55E-03	3.68E-04	5.07E-03	7.51E-04	5.50E-04	7.87E-05	1.01E-04	1.45E-05	2.93E-05	4.19E-06	6.93E-05	9.90E-06	1.87E-05	1.87E-05	2.59E-01	3.54E-02	7.04E-01	8.88E-02
1840	Gridded	4.10E-05	6.33E-06	8.60E-06	1.43E-06	4.89E-04	7.37E-05	5.08E-04	7.70E-05	5.61E-04	9.47E-05	1.15E-05	1.73E-06	1.95E-03	2.93E-04	2.23E-03	3.46E-04	4.54E-03	7.49E-04	4.93E-04	7.44E-05	9.14E-05	1.37E-05	2.65E-05	3.97E-06	6.25E-05	9.37E-06	1.91E-05	1.91E-05	3.32E-01	4.31E-02	7.58E-01	1.05E-01
1841	Gridded	3.95E-05	5.62E-06	8.11E-06	1.27E-06	4.80E-04	6.55E-05	4.94E-04	6.85E-05	5.27E-04	8.43E-05	1.13E-05	1.54E-06	1.91E-03	2.61E-04	2.14E-03	3.07E-04	3.46E-03	6.55E-04	4.83E-04	6.62E-05	8.98E-05	1.22E-05	2.60E-05	3.53E-06	6.15E-05	8.34E-06	1.69E-05	1.69E-05	3.48E-01	5.01E-02	6.96E-01	1.02E-01
1842	Gridded	3.79E-05	5.32E-06	8.18E-06	1.15E-06	4.39E-04	6.18E-05	4.60E-04	6.47E-05	5.36E-04	7.53E-05	1.03E-05	1.45E-06	1.75E-03	2.46E-04	2.07E-03	2.91E-04	3.65E-03	5.32E-04	4.44E-04	6.24E-05	8.17E-05	1.15E-05	2.36E-05	3.33E-06	5.59E-05	7.86E-06	1.36E-05	1.36E-05	3.65E-01	5.66E-02	7.84E-01	9.59E-02
1843	Gridded	4.05E-05	6.04E-06	8.73E-06	1.30E-06	4.70E-04	7.04E-05	4.92E-04	7.36E-05	5.72E-04	8.48E-05	1.10E-05	1.66E-06	1.87E-03	2.80E-04	2.21E-03	3.30E-04	4.26E-03	6.82E-04	4.75E-04	7.11E-05	8.74E-05	1.31E-05	2.53E-05	3.79E-06	5.98E-05	8.97E-06	1.68E-05	1.68E-05	3.94E-01	6.04E-02	7.78E-01	1.00E-01
1844	Gridded	3.82E-05	6.30E-06	8.25E-06	1.36E-06	4.42E-04	7.29E-05	4.63E-04	7.64E-05	5.41E-04	8.93E-05	1.04E-05	1.71E-06	1.76E-03	2.90E-04	2.09E-03	3.44E-04	3.14E-03	5.94E-04	4.47E-04	7.37E-05	8.22E-05	1.35E-05	2.38E-05	3.92E-06	5.62E-05	9.27E-06	1.62E-05	1.62E-05	3.26E-01	5.72E-02	9.73E-01	1.13E-01
1845	Gridded	3.45E-05	7.02E-06	7.37E-06	1.50E-06	4.05E-04	8.22E-05	4.23E-04	8.58E-05	4.82E-04	9.83E-05	9.53E-06	1.93E-06	1.61E-03	3.27E-04	1.89E-03	3.84E-04	2.63E-03	5.41E-04	4.09E-04	8.30E-05	7.55E-05	1.53E-05	2.19E-05	4.43E-06	5.16E-05	1.05E-05	1.68E-05	1.68E-05	3.52E-01	6.79E-02	1.00E+00	1.33E-01
1846	Gridded	3.98E-05	7.62E-06	8.56E-06	1.67E-06	4.62E-04	8.72E-05	4.84E-04	9.17E-05	5.61E-04	1.10E-04	1.09E-05	2.04E-06	1.84E-03	3.47E-04	2.17E-03	4.18E-04	3.20E-03	6.82E-04	4.67E-04	8.82E-05	8.60E-05	1.62E-05	2.49E-05	4.68E-06	5.88E-05	1.11E-05	1.97E-05	1.97E-05	4.36E-01	6.86E-02	9.30E-01	1.25E-01
1847	Gridded	4.05E-05	7.64E-06	8.66E-06	1.65E-06	4.73E-04	8.85E-05	4.94E-04	9.27E-05	5.67E-04	1.08E-04	1.11E-05	2.08E-06	1.88E-03	3.52E-04	2.21E-03	4.18E-04	3.37E-03	6.29E-04	4.78E-04	8.94E-05	8.81E-05	1.65E-05	2.55E-05	4.76E-06	6.03E-05	1.13E-05	1.89E-05	1.89E-05	4.33E-01	7.83E-02	1.17E+00	1.57E-01
1848	Gridded	3.19E-05	5.07E-06	6.40E-06	1.09E-06	3.96E-04	5.88E-05	4.05E-04	6.16E-05	4.14E-04	7.17E-05	9.39E-06	1.38E-06	1.58E-03	2.34E-04	1.73E-03	2.77E-04	2.27E-03	4.13E-04	3.98E-04	5.94E-05	7.43E-05	1.09E-05	2.15E-05	3.16E-06	5.09E-05	7.48E-06	1.25E-05	1.25E-05	3.92E-01	8.05E-02	7.92E-01	1.78E-01
1849	Gridded	2.39E-05	5.11E-06	4.53E-06	1.08E-06	3.11E-04	6.05E-05	3.13E-04	6.29E-05	2.93E-04	7.06E-05	7.43E-06	1.43E-06	1.24E-03	2.41E-04	1.28E-03	2.79E-04	1.86E-03	3.62E-04	3.11E-04	6.10E-05	5.88E-05	1.13E-05	1.70E-05	3.27E-06	4.02E-05	7.72E-06	1.17E-05	1.17E-05	4.15E-01	9.30E-02	8.80E-01	1.18E-01
1850	Gridded	3.18E-05	5.20E-06	6.60E-06	1.10E-06	3.83E-04	6.14E-05	3.96E-04	6.39E-05	4.30E-04	7.21E-05	9.05E-06	1.45E-06	1.53E-03	2.44E-04	1.73E-03	2.84E-04	2.19E-03	3.78E-04	3.86E-04	6.19E-05	7.17E-05	1.14E-05	2.07E-05	3.31E-06	4.90E-05	7.83E-06	1.20E-05	1.20E-05	3.66E-01	6.30E-02	8.36E-01	1.30E-01
1851	Gridded	3.18E-05	5.97E-06	5.96E-06	1.27E-06	4.16E-04	7.01E-05	4.19E-04	7.31E-05	3.81E-04	8.31E-05	9.96E-06	1.65E-06	1.66E-03	2.79E-04	1.70E-03	3.26E-04	2.87E-03	4.87E-04	4.17E-04	7.08E-05	7.89E-05	1.31E-05	2.28E-05	3.78E-06	5.40E-05	8.94E-06	1.40E-05	1.40E-05	3.52E-01	8.27E-02	8.33E-01	1.83E-01
1852	Gridded	3.15E-05	7.18E-06	5.78E-06	1.53E-06	4.19E-04	8.45E-05	4.19E-04	8.80E-05	3.80E-04	9.99E-05	1.00E-05	1.99E-06	1.68E-03	3.36E-04	1.68E-03	3.92E-04	2.64E-03	5.34E-04	4.19E-04	8.52E-05	7.96E-05	1.57E-05	2.30E-05	4.56E-06	5.44E-05	1.08E-05	1.68E-05	1.68E-05	4.20E-01	1.05E-01	9.06E-01	1.87E-01
1853	Gridded	2.20E-05	8.48E-06	4.71E-06	1.80E-06	2.56E-04	9.99E-05	2.68E-04	1.04E-04	3.09E-04	1.18E-04	6.13E-06	2.35E-06	1.02E-03	3.98E-04	1.20E-03	4.63E-04	2.54E-03	6.24E-04	2.59E-04	1.01E-04	4.85E-05	1.86E-05	1.40E-05	5.39E-06	3.32E-05	1.27E-05	1.98E-05	1.98E-05	4.11E-01	6.23E-02	8.77E-01	8.67E-02
1854	Gridded	2.26E-05	7.55E-06	4.85E-06	1.66E-06	2.64E-04	8.62E-05	2.76E-04	9.07E-05	3.18E-04	1.09E-04	6.20E-06	2.02E-06	1.05E-03	3.43E-04	1.24E-03	4.14E-04	1.80E-03	6.84E-04	2.66E-04	8.72E-05	4.91E-05	1.60E-05	1.42E-05	4.62E-06	3.36E-05	1.09E-05	1.97E-05	1.97E-05	2.30E-01	8.27E-02	6.52E-01	1.56E-01
1855	Gridded	2.40E-05	6.41E-06	5.01E-06	1.40E-06	3.16E-04	7.50E-05	3.17E-04	7.83E-05	3.28E-04	9.18E-05	7.57E-06	1.77E-06	1.26E-03	2.99E-04	1.28E-03	3.50E-04	2.10E-03	5.74E-04	3.16E-04	7.58E-05	6.00E-05	1.40E-05	1.74E-05	4.04E-06	4.10E-05	9.56E-06	1.66E-05	1.66E-05	2.66E-01	8.94E-02	6.80E-01	1.17E-01
1856	Gridded	2.35E-05	4.15E-06	4.70E-06	9.02E-07	3.10E-04	4.78E-05	3.11E-04	5.01E-05	3.08E-04	5.92E-05	7.44E-06	1.12E-06	1.24E-03	1.90E-04	1.26E-03	2.27E-04	1.89E-03	4.00E-04	3.11E-04	4.83E-05	5.89E-05	8.87E-06	1.70E-05	2.57E-06	4.03E-05	6.07E-06	1.09E-05	1.09E-05	2.67E-01	6.35E-02	9.28E-01	9.49E-02
1857	Gridded	2.83E-05	5.27E-06	6.15E-06	1.12E-06	3.75E-04	6.20E-05	3.75E-04	6.46E-05	4.03E-04	7.34E-05	8.99E-06	1.46E-06	1.50E-03	2.47E-04	1.55E-03	2.88E-04	2.40E-03	3.92E-04	3.75E-04	6.26E-05	7.12E-05	1.16E-05	2.06E-05	3.34E-06	4.87E-05	7.91E-06	1.23E-05	1.23E-05	2.65E-01	4.89E-02	6.70E-01	8.93E-02
1858	Gridded	3.65E-05	5.58E-06	6.73E-06	1.20E-06	4.87E-04	6.51E-05	4.87E-04	6.81E-05	4.44E-04	7.85E-05	1.17E-05	1.53E-06	1.95E-03	2.59E-04	1.95E-03	3.05E-04	3.03E-03	4.41E-04	4.87E-04	6.58E-05	9.25E-05	1.21E-05	2.68E-05	3.51E-06	6.33E-05	8.29E-06	1.35E-05	1.35E-05	2.05E-01	5.09E-02	4.68E-01	7.85E-02
1859	Gridded	1.93E-05	4.48E-06	4.24E-06	9.93E-07	2.32E-04	5.14E-05	2.36E-04	5.40E-05	2.81E-04	6.55E-05	5.56E-06	1.20E-06	9.26E-04	2.04E-04	1.05E-03	2.45E-04	2.17E-03	4.44E-04	2.32E-04	5.20E-05	4.40E-05	9.53E-06	1.27E-05	2.76E-06	3.01E-05	6.52E-06	1.23E-05	1.23E-05	2.12E-01	4.92E-02	4.47E-01	7.14E-02
1860	Gridded	2.96E-05	4.11E-06	6.57E-06	9.17E-07	3.34E-04	4.62E-05	3.53E-04	4.89E-05	4.33E-04	6.04E-05	7.80E-06	1.08E-06	1.33E-03	1.83E-04	1.63E-03	2.26E-04	2.86E-03	4.07E-04	3.38E-04	4.68E-05	6.18E-05	8.53E-06	1.79E-05	2.47E-06	4.23E-05	5.84E-06	1.13E-05	1.13E-05	2.01E-01	4.52E-02	3.84E-01	6.49E-02
1861	Gridded	4.17E-05	5.95E-06	9.21E-06	1.28E-06	4.73E-04	6.93E-05	4.99E-04	7.25E-05	6.06E-04	8.39E-05	1.11E-05	1.63E-06	1.88E-03	2.76E-04	2.29E-03	3.25E-04	3.90E-03	4.77E-04	4.79E-04	7.00E-05	8.76E-05	1.29E-05	2.54E-05	3.73E-06	5.99E-05	8.82E-06	1.45E-05	1.45E-05	2.52E-01	5.32E-02	4.94E-01	8.09E-02
1862	Gridded	3.23E-05	5.98E-06	6.90E-06	1.30E-06	3.78E-04	6.89E-05	3.95E-04	7.23E-05	4.52E-04	8.54E-05	8.90E-06	1.62E-06	1.51E-03	2.74E-04	1.76E-03	3.28E-04	2.47E-03	5.13E-04	3.82E-04	6.96E-05	7.05E-05	1.28E-05	2.04E-05	3.70E-06	4.82E-05	8.75E-06	1.51E-05	1.51E-05	8.80E-01	5.91E-02	2.33E+00	1.12E-01
1863	Gridded	2.77E-05	6.27E-06	6.27E-06	1.40E-06	3.05E-04	7.03E-05	3.25E-04	7.45E-05	4.14E-04	9.22E-05	7.11E-06	1.64E-06	1.21E-03	2.79E-04	1.52E-03	3.45E-04	2.99E-03	6.24E-04	3.10E-04	7.13E-05	5.63E-05	1.30E-05	1.63E-05	3.76E-06	3.85E-05	8.89E-06	1.73E-05	1.73E-05	4.22E-01	6.81E-02	9.82E-01	9.63E-02
1864	Gridded	2.76E-05	6.54E-06	5.94E-06	1.44E-06	3.21E-04	7.45E-05	3.36E-04	7.85E-05	3.89E-04	9.47E-05	7.58E-06	1.74E-06	1.28E-03	2.96E-04	1.51E-03	3.59E-04	2.20E-03	6.01E-04	3.25E-04	7.54E-05	6.00E-05	1.38E-05	1.74E-05	3.99E-06	4.11E-05	9.44E-06	1.72E-05	1.72E-05	3.36E-01	5.60E-02	8.78E-01	7.87E-02
1865	Gridded	3.19E-05	4.60E-06	6.99E-06	9.54E-07	3.64E-04	5.53E-05	3.83E-04	5.72E-05	4.59E-04	6.21E-05	8.58E-06	1.31E-06	1.45E-03	2.20E-04	1.75E-03	2.50E-04	2.88E-03	3.53E-04	3.68E-04	5.57E-05	6.79E-05	1.03E-05	1.97E-05	2.99E-06	4.65E-05	7.08E-06	1.06E-05	1.06E-05	3.01E-01	5.21E-02	9.71E-01	8.79E-02
1866	Gridded	2.86E-05	5.40E-06	6.42E-06	1.18E-06	3.18E-04	6.17E-05	3.38E-04	6.49E-05	4.24E-04	7.77E-05	7.42E-06	1.44E-06	1.26E-03	2.45E-04	1.57E-03	2.96E-04	2.96E-03	4.84E-04	3.22E-04	6.24E-05	5.87E-05	1.14E-05	1.70E-05	3.31E-06	4.02E-05	7.83E-06	1.40E-05	1.40E-05	4.12E-01	6.28E-02	1.45E+00	1.17E-01
1867	Gridded	3.30E-05	3.92E-06	7.42E-06	8.34E-07	3.67E-04	4.62E-05	3.90E-04	4.81E-05	4.90E-04	5.45E-05	8.56E-06	1.09E-06	1.46E-03	1.84E-04	1.82E-03	2.14E-04	3.42E-03	3.06E-04	3.72E-04	4.66E-05	6.77E-05	8.60E-06	1.96E-05	2.49E-06	4.63E-05	5.89E-06	9.15E-06	9.15E-06	2.46E-01	5.57E-02	8.39E-01	8.79E-02
1868	Gridded	2.86E-05	4.44E-06	5.88E-06	9.26E-07	3.47E-04	5.33E-05	3.58E-04	5.52E-05	3.82E-04	6.03E-05	8.21E-06	1.26E-06	1.38E-03	2.12E-04	1.55E-03	2.42E-04	2.65E-03	3.23E-04	3.50E-04	5.37E-05	6.50E-05	9.96E-06	1.88E-05	2.88E-06	4.45E-05	6.82E-06	9.81E-06	9.81E-06	3.47E-01	5.30E-02	8.44E-01	8.14E-02
1869	Gridded	2.88E-05	4.89E-06	5.85E-06	1.05E-06	3.54E-04	5.71E-05	3.64E-04	5.97E-05	3.79E-04	6.85E-05	8.39E-06	1.34E-06	1.41E-03	2.27E-04	1.56E-03	2.67E-04	2.13E-03	4.04E-04	3.56E-04	5.77E-05	6.64E-05	1.06E-05	1.92E-05	3.08E-06	4.55E-05	7.27E-06	1.18E-05	1.18E-05	2.64E-01	4.82E-02	7.66E-01	7.88E-02
1870	Gridded	3.33E-05	5.55E-06	7.20E-06	1.17E-06	3.92E-04	6.57E-05	4.09E-04	6.83E-05	4.73E-04	7.65E-05	9.24E-06	1.55E-06	1.56E-03	2.62E-04	1.82E-03	3.02E-04	2.90E-03	4.55E-04	3.96E-04	6.63E-05	7.31E-05	1.23E-05	2.12E-05	3.55E-06	5.00E-05	8.39E-06	1.30E-05	1.30E-05	2.51E-01	4.74E-02	7.73E-01	8.86E-02
1871	Gridded	3.97E-05	3.93E-06	8.76E-06	8.78E-07	4.51E-04	4.41E-05	4.76E-04	4.68E-05	5.76E-04	5.79E-05	1.06E-05	1.03E-06	1.79E-03	1.75E-04	2.18E-03	2.16E-04	3.70E-03	3.91E-04	4.57E-04	4.47E-05	8.36E-05	8.16E-06	2.42E-05	2.36E-06	5.72E-05	5.58E-06	1.08E-05	1.08E-05	2.55E-01	4.74E-02	9.27E-01	7.72E-02
1872	Gridded	4.65E-05	4.53E-06	1.03E-05	9.73E-07	5.28E-04	5.29E-05	5.57E-04	5.53E-05	6.74E-04	6.37E-05	1.23E-05	1.24E-06	2.10E-03	2.11E-04	2.55E-03	2.48E-04	4.33E-03	3.55E-04	5.34E-04	5.35E-05	9.77E-05	9.85E-06	2.83E-05	2.85E-06	6.69E-05	6.74E-06	1.09E-05	1.09E-05	2.93E-01	5.56E-02	5.26E-01	9.40E-02
1873	Gridded	4.05E-05	3.39E-06	8.91E-06	7.09E-07	4.61E-04	4.06E-05	4.86E-04	4.21E-05	5.86E-04	4.62E-05	1.08E-05	9.58E-07	1.83E-03	1.62E-04	2.22E-03	1.85E-04	3.73E-03	2.37E-04	4.66E-04	4.09E-05	8.54E-05	7.58E-06	2.47E-05	2.20E-06	5.84E-05	5.19E-06	7.42E-06	7.42E-06	3.30E-01	4.29E-02	5.73E-01	6.93E-02
1874	Gridded	2.77E-05	4.56E-06	6.19E-06	9.90E-07	3.26E-04	5.27E-05	3.40E-04	5.53E-05	4.08E-04	6.49E-05	7.68E-06	1.24E-06	1.30E-03	2.10E-04	1.51E-03	2.50E-04	2.85E-03	3.84E-04	3.29E-04	5.33E-05	6.08E-05	9.79E-06	1.76E-05	2.83E-06	4.16E-05	6.70E-06	1.14E-05	1.14E-05	3.42E-01	3.88E-02	5.31E-01	6.57E-02
1875	Gridded	2.63E-05	4.96E-06	5.57E-06	1.07E-06	3.22E-04	5.77E-05	3.31E-04	6.04E-05	3.67E-04	7.00E-05	7.62E-06	1.36E-06	1.28E-03	2.30E-04	1.42E-03	2.71E-04	2.41E-03	3.99E-04	3.24E-04	5.83E-05	6.03E-05	1.07E-05	1.75E-05	3.11E-06	4.13E-05	7.35E-06	1.21E-05	1.21E-05	2.47E-01	3.25E-02	4.71E-01	5.11E-02
1876	Gridded	1.95E-05	4.33E-06	4.33E-06	9.55E-07	2.36E-04	4.91E-05	2.44E-04	5.18E-05	2.85E-04	6.28E-05	5.59E-06	1.15E-06	9.42E-04	1.95E-04	1.07E-03	2.37E-04	1.90E-03	4.04E-04	2.38E-04	4.97E-05	4.42E-05	9.09E-06	1.28E-05	2.63E-06	3.03E-05	6.22E-06	1.15E-05	1.15E-05	2.41E-01	4.26E-02	3.73E-01	6.56E-02
1877	Gridded	1.76E-05	3.37E-06	3.90E-06	7.45E-07	1.98E-04	3.82E-05	2.09E-04	4.03E-05	2.57E-04	4.90E-05	4.63E-06	8.93E-07	7.87E-04	1.52E-04	9.65E-04	1.85E-04	1.70E-03	3.18E-04	2.01E-04	3.86E-05	3.66E-05	7.07E-06	1.06E-05	2.05E-06	2.51E-05	4.84E-06	8.99E-06	8.99E-06	1.79E-01	2.97E-02	3.45E-01	5.79E-02
1878	Gridded	1.67E-05	3.49E-06	3.71E-06	7.62E-07	1.88E-04	4.00E-05	1.99E-04	4.21E-05	2.44E-04	5.00E-05	4.39E-06	9.39E-07	7.46E-04	1.59E-04	9.16E-04	1.91E-04	1.62E-03	3.05E-04	1.90E-04	4.05E-05	3.47E-05	7.43E-06	1.01E-05	2.15E-06	2.38E-05	5.08E-06	8.92E-06	8.92E-06	1.81E-01	3.01E-02	4.43E-01	5.73E-02
1879	Gridded	1.62E-05	3.48E-06	3.40E-06	7.62E-07	1.92E-04	3.99E-05	2.00E-04	4.20E-05	2.24E-04	5.00E-05	4.54E-06	9.35E-07	7.66E-04	1.59E-04	8.80E-04	1.91E-04	1.57E-03	3.09E-04	1.94E-04	4.03E-05	3.59E-05	7.40E-06	1.04E-05	2.14E-06	2.46E-05	5.06E-06	8.97E-06	8.97E-06	1.78E-01	2.60E-02	4.37E-01	5.70E-02
1880	Gridded	1.44E-05	3.02E-06	3.16E-06	6.61E-07	1.64E-04	3.45E-05	1.73E-04	3.63E-05	2.08E-04	4.34E-05	3.84E-06	8.08E-07	6.52E-04	1.37E-04	7.89E-04	1.65E-04	1.51E-03	2.70E-04	1.66E-04	3.49E-05	3.04E-05	6.40E-06	8.80E-06	1.85E-06	2.08E-05	4.38E-06	7.80E-06	7.80E-06	1.58E-01	2.16E-02	3.67E-01	4.05E-02
1881	Gridded	1.43E-05	2.42E-06	3.15E-06	5.29E-07	1.64E-04	2.76E-05	1.72E-04	2.91E-05	2.07E-04	3.48E-05	3.83E-06	6.47E-07	6.50E-04	1.10E-04	7.86E-04	1.32E-04	1.38E-03	2.16E-04	1.65E-04	2.80E-05	3.03E-05	5.12E-06	8.77E-06	1.48E-06	2.07E-05	3.51E-06	6.26E-06	6.26E-06	1.70E-01	1.98E-02	2.92E-01	2.95E-02
1882	Gridded	1.30E-05	1.82E-06	2.88E-06	4.12E-07	1.48E-04	2.02E-05	1.56E-04	2.15E-05	1.89E-04	2.72E-05	3.46E-06	4.71E-07	5.89E-04	8.03E-05	7.16E-04	1.01E-04	1.22E-03	1.94E-04	1.50E-04	2.05E-05	2.74E-05	3.73E-06	7.94E-06	1.08E-06	1.88E-05	2.55E-06	5.22E-06	5.22E-06	1.53E-01	1.76E-02	2.73E-01	2.34E-02
1883	Gridded	1.34E-05	2.36E-06	2.93E-06	5.25E-07	1.53E-04	2.65E-05	1.61E-04	2.80E-05	1.92E-04	3.46E-05	3.59E-06	6.18E-07	6.10E-04	1.05E-04	7.34E-04	1.30E-04	1.26E-03	2.33E-04	1.55E-04	2.68E-05	2.84E-05	4.89E-06	8.23E-06	1.42E-06	1.95E-05	3.35E-06	6.46E-06	6.46E-06	1.32E-01	1.61E-02	2.39E-01	2.20E-02

Scenario 1 Results

1884 Gridded	1.32E-05	2.72E-06	2.86E-06	5.99E-07	1.52E-04	3.10E-05	1.60E-04	3.27E-05	1.88E-04	3.94E-05	3.57E-06	7.26E-07	6.05E-04	1.23E-04	7.22E-04	1.49E-04	1.39E-03	2.49E-04	1.54E-04	3.14E-05	2.82E-05	5.75E-06	8.17E-06	1.66E-06	1.93E-05	3.93E-06	7.14E-06	7.14E-06	1.46E-01	2.04E-02	2.71E-01	3.54E-02
1885 Gridded	1.29E-05	2.74E-06	2.86E-06	5.94E-07	1.45E-04	3.16E-05	1.53E-04	3.31E-05	1.88E-04	3.90E-05	3.38E-06	7.40E-07	5.75E-04	1.26E-04	7.06E-04	1.50E-04	1.38E-03	2.32E-04	1.47E-04	3.19E-05	2.67E-05	5.86E-06	7.74E-06	1.70E-06	1.83E-05	4.01E-06	6.87E-06	6.87E-06	1.47E-01	2.41E-02	2.69E-01	4.28E-02
1886 Gridded	1.26E-05	2.69E-06	2.81E-06	5.77E-07	1.47E-04	3.14E-05	1.52E-04	3.28E-05	1.85E-04	3.78E-05	3.46E-06	7.38E-07	5.84E-04	1.25E-04	6.92E-04	1.47E-04	1.35E-03	2.10E-04	1.48E-04	3.17E-05	2.74E-05	5.84E-06	7.93E-06	1.69E-06	1.87E-05	4.00E-06	6.47E-06	6.47E-06	1.91E-01	2.88E-02	2.97E-01	5.22E-02
1887 Gridded	2.65E-05	2.84E-06	5.68E-06	6.01E-07	3.09E-04	3.34E-05	3.23E-04	3.48E-05	3.72E-04	3.93E-05	7.26E-06	7.88E-07	1.23E-03	1.33E-04	1.45E-03	1.55E-04	2.08E-03	2.28E-04	3.12E-04	3.38E-05	5.75E-05	6.24E-06	1.66E-05	1.81E-06	3.93E-05	4.27E-06	6.74E-06	6.74E-06	3.17E-01	3.98E-02	5.59E-01	7.61E-02
1888 Gridded	4.11E-05	6.01E-06	8.75E-06	1.30E-06	4.84E-04	6.98E-05	5.04E-04	7.30E-05	5.72E-04	8.51E-05	1.14E-05	1.64E-06	1.93E-03	2.78E-04	2.24E-03	3.29E-04	4.47E-03	7.11E-04	4.88E-04	7.05E-05	9.02E-05	1.30E-05	2.61E-05	3.75E-06	6.17E-05	8.87E-06	1.77E-05	1.77E-05	2.28E-01	3.11E-02	6.29E-01	8.21E-02
1889 Gridded	4.34E-05	6.79E-06	9.42E-06	1.59E-06	5.02E-04	7.26E-05	5.26E-04	7.83E-05	6.18E-04	1.05E-04	1.18E-05	1.68E-06	2.00E-03	2.88E-04	2.38E-03	3.76E-04	5.02E-03	8.46E-04	5.07E-04	7.38E-05	9.32E-05	1.33E-05	2.70E-05	3.85E-06	6.38E-05	9.09E-06	2.15E-05	2.15E-05	2.95E-01	3.72E-02	6.62E-01	9.45E-02
1890 Gridded	4.80E-05	7.25E-06	9.97E-06	1.69E-06	5.77E-04	7.78E-05	5.97E-04	8.38E-05	6.49E-04	1.12E-04	1.36E-05	1.80E-06	2.30E-03	3.09E-04	2.61E-03	4.02E-04	4.43E-03	8.90E-04	5.81E-04	7.91E-05	1.08E-04	1.43E-05	3.12E-05	4.13E-06	7.38E-05	9.76E-06	2.27E-05	2.27E-05	3.06E-01	4.33E-02	6.28E-01	9.00E-02
1891 Gridded	3.99E-05	5.36E-06	8.67E-06	1.16E-06	4.61E-04	6.20E-05	4.84E-04	6.50E-05	5.69E-04	7.60E-05	1.08E-05	1.46E-06	1.83E-03	2.47E-04	2.19E-03	2.93E-04	4.02E-03	5.78E-04	4.66E-04	6.27E-05	8.56E-05	1.15E-05	2.48E-05	3.33E-06	5.86E-05	7.88E-06	1.49E-05	1.49E-05	3.29E-01	4.90E-02	6.70E-01	8.49E-02
1892 Gridded	3.49E-05	5.51E-06	7.55E-06	1.18E-06	4.07E-04	6.42E-05	4.24E-04	6.71E-05	4.95E-04	7.74E-05	9.65E-06	1.51E-06	1.62E-03	2.56E-04	1.91E-03	3.01E-04	4.12E-03	5.98E-04	4.09E-04	6.49E-05	7.64E-05	1.20E-05	2.21E-05	3.46E-06	5.23E-05	8.18E-06	1.43E-05	1.43E-05	3.44E-01	5.33E-02	6.88E-01	8.60E-02
1893 Gridded	5.40E-05	7.72E-06	1.18E-05	1.78E-06	6.18E-04	8.35E-05	6.51E-04	8.96E-05	7.77E-04	1.18E-04	1.45E-05	1.94E-06	2.46E-03	3.31E-04	2.96E-03	4.27E-04	4.82E-03	9.12E-04	6.26E-04	8.48E-05	1.15E-04	1.53E-05	3.32E-05	4.44E-06	7.85E-05	1.05E-05	2.36E-05	2.36E-05	3.15E-01	5.74E-02	8.15E-01	1.12E-01
1894 Gridded	6.08E-05	1.06E-05	1.33E-05	2.37E-06	6.97E-04	1.19E-04	7.33E-04	1.27E-04	8.74E-04	1.56E-04	1.63E-05	2.79E-06	2.77E-03	4.75E-04	3.33E-03	5.85E-04	6.06E-03	1.05E-03	7.05E-04	1.21E-04	1.29E-04	2.21E-05	3.74E-05	6.39E-06	8.84E-05	1.51E-05	2.92E-05	2.92E-05	3.40E-01	7.62E-02	9.59E-01	1.51E-01
1895 Gridded	4.89E-05	8.34E-06	1.05E-05	1.79E-06	5.73E-04	9.75E-05	5.98E-04	1.02E-04	6.84E-04	1.17E-04	1.35E-05	2.29E-06	2.28E-03	3.88E-04	2.67E-03	4.56E-04	4.12E-03	7.17E-04	5.79E-04	9.85E-05	1.07E-04	1.82E-05	3.09E-05	5.25E-06	7.30E-05	1.24E-05	2.02E-05	2.02E-05	3.98E-01	7.24E-02	8.85E-01	1.41E-01
1896 Gridded	4.91E-05	9.50E-06	1.07E-05	2.08E-06	5.64E-04	1.09E-04	5.92E-04	1.14E-04	7.03E-04	1.36E-04	1.32E-05	2.55E-06	2.24E-03	4.33E-04	2.69E-03	5.21E-04	4.27E-03	8.42E-04	5.70E-04	1.10E-04	1.05E-04	2.02E-05	3.03E-05	5.84E-06	7.16E-05	1.38E-05	2.45E-05	2.45E-05	4.00E-01	6.84E-02	8.01E-01	1.41E-01
1897 Gridded	4.19E-05	7.00E-06	9.06E-06	1.51E-06	4.86E-04	8.13E-05	5.09E-04	8.51E-05	5.94E-04	9.90E-05	1.14E-05	1.91E-06	1.93E-03	3.24E-04	2.29E-03	3.83E-04	4.42E-03	5.69E-04	4.91E-04	8.21E-05	9.02E-05	1.51E-05	2.61E-05	4.38E-06	6.17E-05	1.03E-05	1.72E-05	1.72E-05	4.09E-01	7.90E-02	1.12E+00	1.79E-01
1898 Gridded	3.29E-05	4.51E-06	7.05E-06	9.72E-07	3.96E-04	5.25E-05	4.05E-04	5.49E-05	4.62E-04	6.37E-05	9.42E-06	1.23E-06	1.58E-03	2.09E-04	1.80E-03	2.47E-04	2.58E-03	3.83E-04	3.98E-04	5.30E-05	7.46E-05	9.77E-06	2.16E-05	2.83E-06	5.10E-05	6.68E-06	1.10E-05	1.10E-05	3.68E-01	8.41E-02	8.26E-01	1.74E-01
1899 Gridded	2.00E-05	4.84E-06	4.25E-06	1.02E-06	2.36E-04	5.74E-05	2.46E-04	5.96E-05	2.78E-04	6.67E-05	5.55E-06	1.35E-06	9.39E-04	2.28E-04	1.09E-03	2.64E-04	1.95E-03	3.40E-04	2.38E-04	5.79E-05	4.40E-05	1.07E-05	1.27E-05	3.10E-06	3.01E-05	7.32E-06	1.10E-05	1.10E-05	3.47E-01	8.02E-02	7.78E-01	1.01E-01
1900 Gridded	3.15E-05	5.16E-06	6.46E-06	1.09E-06	3.83E-04	6.09E-05	3.94E-04	6.34E-05	4.19E-04	7.15E-05	9.05E-06	1.43E-06	1.53E-03	2.42E-04	1.71E-03	2.81E-04	2.27E-03	3.74E-04	3.85E-04	6.14E-05	7.17E-05	1.13E-05	2.08E-05	3.28E-06	4.90E-05	7.76E-06	1.19E-05	1.19E-05	3.43E-01	5.79E-02	7.88E-01	1.18E-01
1901 Gridded	2.07E-05	4.42E-06	4.45E-06	9.45E-07	2.69E-04	5.17E-05	2.70E-04	5.39E-05	2.92E-04	6.18E-05	6.44E-06	1.21E-06	1.07E-03	2.06E-04	1.13E-03	2.41E-04	1.80E-03	3.79E-04	2.69E-04	5.22E-05	5.10E-05	9.62E-06	1.48E-05	2.78E-06	3.49E-05	6.58E-06	1.06E-05	1.06E-05	2.41E-01	6.40E-02	5.61E-01	1.40E-01
1902 Gridded	2.89E-05	6.71E-06	5.31E-06	1.43E-06	3.83E-04	7.88E-05	3.84E-04	8.22E-05	3.37E-04	9.35E-05	9.19E-06	1.85E-06	1.53E-03	3.14E-04	1.54E-03	3.66E-04	2.30E-03	5.04E-04	3.83E-04	7.95E-05	7.27E-05	1.47E-05	2.10E-05	4.25E-06	4.98E-05	1.00E-05	1.58E-05	1.58E-05	3.71E-01	9.32E-02	7.67E-01	1.66E-01
1903 Gridded	3.20E-05	8.91E-06	6.06E-06	1.90E-06	4.16E-04	1.05E-04	4.19E-04	1.09E-04	3.88E-04	1.24E-04	9.94E-06	2.46E-06	1.66E-03	4.17E-04	1.72E-03	4.86E-04	2.34E-03	6.65E-04	4.16E-04	1.06E-04	7.87E-05	1.95E-05	2.28E-05	5.65E-06	5.38E-05	1.33E-05	2.09E-05	2.09E-05	4.75E-01	8.27E-02	1.01E+00	1.21E-01
1904 Gridded	2.59E-05	8.33E-06	5.16E-06	1.82E-06	3.24E-04	9.55E-05	3.31E-04	1.00E-04	3.33E-04	1.20E-04	7.69E-06	2.24E-06	1.29E-03	3.80E-04	1.40E-03	4.57E-04	2.99E-03	7.33E-04	3.25E-04	9.66E-05	6.09E-05	1.77E-05	1.76E-05	5.13E-06	4.16E-05	1.21E-05	2.14E-05	2.14E-05	3.55E-01	7.81E-02	9.13E-01	1.56E-01
1905 Gridded	2.64E-05	6.93E-06	5.25E-06	1.50E-06	3.31E-04	8.02E-05	3.38E-04	8.41E-05	3.39E-04	9.85E-05	7.86E-06	1.88E-06	1.32E-03	3.19E-04	1.43E-03	3.79E-04	2.57E-03	5.79E-04	3.32E-04	8.10E-05	6.22E-05	1.49E-05	1.80E-05	4.31E-06	4.26E-05	1.02E-05	1.73E-05	1.73E-05	3.05E-01	9.98E-02	8.78E-01	1.84E-01
1906 Gridded	2.36E-05	5.48E-06	4.70E-06	1.20E-06	3.12E-04	6.26E-05	3.13E-04	6.59E-05	3.08E-04	7.92E-05	7.48E-06	1.46E-06	1.25E-03	2.49E-04	1.26E-03	3.01E-04	1.84E-03	4.98E-04	3.12E-04	6.33E-05	5.92E-05	1.16E-05	1.71E-05	3.36E-06	4.05E-05	7.93E-06	1.43E-05	1.43E-05	3.46E-01	7.62E-02	8.97E-01	1.18E-01
1907 Gridded	2.41E-05	4.56E-06	4.39E-06	9.60E-07	3.21E-04	5.41E-05	3.21E-04	5.62E-05	2.84E-04	6.27E-05	7.70E-06	1.27E-06	1.28E-03	2.15E-04	1.28E-03	2.48E-04	1.79E-03	3.37E-04	3.21E-04	5.45E-05	6.09E-05	1.01E-05	1.76E-05	2.92E-06	4.17E-05	6.90E-06	1.03E-05	1.03E-05	2.70E-01	5.81E-02	8.06E-01	1.47E-01
1908 Gridded	3.21E-05	4.60E-06	6.48E-06	9.82E-07	4.28E-04	5.40E-05	4.28E-04	5.63E-05	4.26E-04	6.42E-05	1.03E-05	1.27E-06	1.71E-03	2.15E-04	1.71E-03	2.51E-04	2.69E-03	3.75E-04	4.28E-04	5.45E-05	8.12E-05	1.01E-05	2.35E-05	2.91E-06	5.56E-05	6.88E-06	1.11E-05	1.11E-05	2.23E-01	4.98E-02	5.71E-01	8.56E-02
1909 Gridded	3.26E-05	5.34E-06	5.96E-06	1.16E-06	4.35E-04	6.16E-05	4.35E-04	6.47E-05	3.79E-04	7.61E-05	1.04E-05	1.45E-06	1.74E-03	2.45E-04	1.74E-03	2.92E-04	2.65E-03	4.52E-04	4.35E-04	6.23E-05	8.27E-05	1.14E-05	2.39E-05	3.31E-06	5.66E-05	7.83E-06	1.34E-05	1.34E-05	2.16E-01	4.46E-02	6.16E-01	6.92E-02
1910 Gridded	2.06E-05	3.99E-06	3.95E-06	8.66E-07	2.75E-04	4.65E-05	2.75E-04	4.86E-05	2.59E-04	5.70E-05	6.61E-06	1.09E-06	1.10E-03	1.85E-04	1.10E-03	2.18E-04	1.68E-03	3.80E-04	2.75E-04	4.70E-05	5.23E-05	8.66E-06	1.51E-05	2.51E-06	3.58E-05	5.92E-06	1.05E-05	1.05E-05	2.47E-01	4.18E-02	5.32E-01	7.05E-02
1911 Gridded	2.84E-05	3.49E-06	6.33E-06	7.84E-07	3.19E-04	4.20E-05	3.38E-04	4.35E-05	4.17E-04	5.17E-05	7.44E-06	9.93E-07	1.27E-03	1.68E-04	1.56E-03	1.91E-04	2.81E-03	3.66E-04	3.23E-04	4.24E-05	5.89E-05	7.86E-06	1.71E-05	2.28E-06	4.03E-05	5.38E-06	9.89E-06	9.89E-06	1.87E-01	3.80E-02	3.67E-01	5.37E-02
1912 Gridded	3.85E-05	5.69E-06	8.47E-06	1.24E-06	4.39E-04	6.57E-05	4.63E-04	6.89E-05	5.57E-04	8.10E-05	1.03E-05	1.54E-06	1.75E-03	2.61E-04	2.11E-03	3.12E-04	3.52E-03	4.82E-04	4.44E-04	6.64E-05	8.13E-05	1.22E-05	2.35E-05	3.53E-06	5.57E-05	8.34E-06	1.43E-05	1.43E-05	2.27E-01	5.20E-02	5.95E-01	7.98E-02
1913 Gridded	3.00E-05	5.56E-06	6.35E-06	1.21E-06	3.54E-04	6.40E-05	3.69E-04	6.72E-05	4.15E-04	7.94E-05	8.34E-06	1.50E-06	1.41E-03	2.55E-04	1.64E-03	3.05E-04	2.15E-03	4.77E-04	3.57E-04	6.47E-05	6.61E-05	1.19E-05	1.91E-05	3.44E-06	4.52E-05	8.13E-06	1.41E-05	1.41E-05	4.11E-01	5.22E-02	1.01E+00	7.63E-02
1914 Gridded	2.43E-05	6.01E-06	5.52E-06	1.34E-06	2.69E-04	6.78E-05	2.86E-04	7.17E-05	3.65E-04	8.79E-05	6.25E-06	1.58E-06	1.07E-03	2.70E-04	1.34E-03	3.30E-04	2.63E-03	5.82E-04	2.73E-04	6.87E-05	4.95E-05	1.25E-05	1.43E-05	3.63E-06	3.39E-05	8.58E-06	1.63E-05	1.63E-05	2.92E-01	5.91E-02	6.54E-01	8.49E-02
1915 Gridded	2.38E-05	6.14E-06	5.18E-06	1.34E-06	2.75E-04	7.06E-05	2.89E-04	7.42E-05	3.40E-04	8.80E-05	6.45E-06	1.65E-06	1.09E-03	2.81E-04	1.31E-03	3.37E-04	2.03E-03	5.35E-04	2.78E-04	7.14E-05	5.11E-05	1.31E-05	1.48E-05	3.79E-06	3.49E-05	8.96E-06	1.57E-05	1.57E-05	2.12E-01	4.69E-02	6.96E-01	6.74E-02
1916 Gridded	2.74E-05	3.40E-06	5.97E-06	7.52E-07	3.14E-04	3.96E-05	3.30E-04	4.14E-05	3.92E-04	4.98E-05	7.37E-06	9.32E-07	1.25E-03	1.58E-04	1.50E-03	1.86E-04	2.38E-03	3.85E-04	3.18E-04	4.00E-05	5.84E-05	7.37E-06	1.69E-05	2.13E-06	3.99E-05	5.05E-06	9.96E-06	9.96E-06	2.36E-01	4.64E-02	7.23E-01	7.90E-02
1917 Gridded	2.68E-05	5.22E-06	5.96E-06	1.13E-06	3.01E-04	6.06E-05	3.19E-04	6.34E-05	3.92E-04	7.39E-05	7.03E-06	1.42E-06	1.20E-03	2.41E-04	1.47E-03	2.86E-04	2.62E-03	4.39E-04	3.05E-04	6.12E-05	5.57E-05	1.13E-05	1.61E-05	3.26E-06	3.81E-05	7.70E-06	1.29E-05	1.29E-05	3.31E-01	4.92E-02	1.23E+00	9.20E-02
1918 Gridded	3.06E-05	4.15E-06	6.83E-06	8.93E-07	3.44E-04	4.82E-05	3.65E-04	5.04E-05	4.50E-04	5.85E-05	8.04E-06	1.13E-06	1.37E-03	1.92E-04	1.69E-03	2.27E-04	3.03E-03	3.59E-04	3.49E-04	4.87E-05	6.36E-05	8.97E-06	1.84E-05	2.60E-06	4.35E-05	6.13E-06	1.02E-05	1.02E-05	3.78E-01	5.69E-02	6.91E-01	9.94E-02
1919 Gridded	2.70E-05	4.01E-06	6.09E-06	8.60E-07	3.00E-04	4.67E-05	3.19E-04	4.88E-05	4.02E-04	5.63E-05	6.98E-06	1.10E-06	1.19E-03	1.86E-04	1.49E-03	2.19E-04	2.83E-03	3.16E-04	3.04E-04	4.72E-05	5.53E-05	8.69E-06	1.60E-05	2.52E-06	3.78E-05	5.95E-06	9.67E-06	9.67E-06	2.19E-01	4.64E-02	9.10E-01	7.66E-02
1920 Gridded	2.90E-05	5.61E-06	6.07E-06	1.19E-06	3.46E-04	6.60E-05	3.59E-04	6.88E-05	3.95E-04	7.79E-05	8.17E-06	1.55E-06	1.38E-03	2.63E-04	1.58E-03	3.06E-04	1.98E-03	4.12E-04	3.49E-04	6.67E-05	6.47E-05	1.23E-05	1.87E-05	3.56E-06	4.43E-05	8.42E-06	1.30E-05	1.30E-05	2.83E-01	4.67E-02	9.27E-01	8.83E-02
1921 Gridded	2.77E-05	4.83E-06	5.79E-06	1.02E-06	3.38E-04	5.71E-05	3.48E-04	5.94E-05	3.77E-04	6.66E-05	8.00E-06	1.35E-06	1.35E-03	2.27E-04	1.50E-03	2.63E-04	2.09E-03	4.04E-04	3.40E-04	5.76E-05	6.34E-05	1.06E-05	1.83E-05	3.08E-06	4.34E-05	7.29E-06	1.17E-05	1.17E-05	2.52E-01	4.64E-02	7.68E-01	9.26E-02
1922 Gridded	3.16E-05	5.69E-06	6.81E-06	1.21E-06	3.68E-04	6.69E-05	3.85E-04	6.97E-05	4.46E-04	7.94E-05	8.64E-06	1.57E-06	1.46E-03	2.66E-04	1.73E-03	3.11E-04	2.54E-03	4.28E-04	3.72E-04	6.75E-05	6.84E-05	1.25E-05	1.98E-05	3.61E-06	4.68E-05	8.52E-06	1.34E-05	1.34E-05	2.49E-01	4.26E-02	7.75E-01	8.77E-02
1923 Gridded	3.78E-05	3.53E-06	8.33E-06	7.88E-07	4.31E-04	3.95E-05	4.54E-04	4.19E-05	5.47E-04	5.19E-05	1.01E-05	9.34E-07	1.71E-03	1.57E-04	2.08E-03	1.94E-04	3.47E-03	3.53E-04	4.36E-04	4.01E-05	7.99E-05	7.39E-06	2.31E-05	2.14E-06	5.46E-05	5.06E-06	9.74E-06	9.74E-06	2.47E-01	4.84E-02	8.64E-01	8.03E-02
1924 Gridded	4.36E-05	4.72E-06	9.59E-06	1.02E-06	4.97E-04	5.49E-05	5.24E-04	5.75E-05	6.31E-04	6.65E-05	1.16E-05	1.29E-06	1.98E-03	2.19E-04	2.39E-03	2.58E-04	3.99E-03	3.78E-04	5.03E-04	5.55E-05	9.20E-05	1.02E-05	2.66E-05	2.96E-06	6.30E-05	6.99E-06	1.15E-05	1.15E-05	2.88E-01	5.35E-02	5.17E-01	9.24E-02
1925 Gridded	3.87E-05	3.32E-06	8.54E-06	6.91E-07	4.40E-04	3.97E-05	4.64E-04	4.12E-05	5.62E-04	4.50E-05	1.03E-05	9.38E-07	1.75E-03	1.58E-04	2.13E-03	1.80E-04	3.61E-03	2.22E-04	4.45E-04	4.01E-05	8.15E-05	7.43E-06	2.36E-05	2.15E-06	5.58E-05	5.08E-06	7.19E-06	7.19E-06	2.94E-01	3.83E-02	5.45E-01	6.35E-02
1926 Gridded	3.27E-05	4.04E-06	6.80E-06	8.69E-07	3.94E-04	4.70E-05	4.07E-04	4.92E-05	4.43E-04	5.69E-05	9.30E-06	1.10E-06	1.57E-03	1.87E-04	1.78E-03	2.21E-04	2.88E-03	3.23E-04	3.97E-04	4.75E-05	7.36E-05	8.75E-06	2.13E-05	2.53E-06	5.04E-05	5.98E-06	9.84E-06	9.84E-06	3.24E-01	3.88E-02	5.09E-01	6.82E-02
1927 Gridded	2.81E-05	5.03E-06	5.79E-06	1.09E-06	3.40E-04	5.82E-05	3.51E-04	6.10E-05	3.77E-04	7.13E-05	8.05E-06	1.36E-06	1.36E-03	2.31E-04	1.53E-03	2.75E-04	2.39E-03	4.18E-04	3.43E-04	5.88E-05	6.37E-05	1.08E-05	1.84E-05	3.13E-06	4.36E-05	7.39E-06	1.25E-05	1.25E-05	2.79E-01	3.46E-02	4.71E-01	5.43E-02
1928 Gridded	2.44E-05	4.56E-06	5.06E-06	9.65E-07	2.93E-04	5.38E-05	3.03E-04	5.60E-05	3.29E-04	6.31E-05	6.93E-06	1.27E-06	1.17E-03	2.14E-04	1.32E-03	2.48E-04	1.89E-03	3.79E-04	2.96E-04	5.43E-05	5.49E-05	1.00E-05	1.59E-05	2.91E-06	3.75E-05	6.87E-06	1.08E-05	1.08E-05	2.47E-01	4.26E-02	4.99E-01	6.31E-02
1929 Gridded	2.21E-05	3.56E-06	4.55E-06	7.87E-07	2.67E-04	4.03E-05	2.75E-04	4.26E-05	2.96E-04	5.18E-05	6.31E-06	9.42E-07	1.06E-03	1.60E-04	1.20E-03	1.95E-04	1.64E-03	3.37E-04	2.69E-04	4.08E-05	4.99E-05	7.46E-06	1.45E-05	2.16E-06	3.42E-05	5.10E-06	9.52E-06	9.52E-06	2.65E-01	4.49E-02	4.95E-01	8.20E-02
1930 Gridded	2.21E-05	3.19E-06	4.57E-06	6.97E-07	2.66E-04	3.66E-05	2.75E-04	3.85E-05	2.97E-04	4.57E-05	6.30E-06	8.57E-07	1.06E-03	1.45E-04	1.20E-03	1.75E-04	1.52E-03	2.80E-04	2.68E-04	3.70E-05	4.98E-05	6.78E-06	1.44E-05	1.96E-06	3.41E-05	4.64E-06	8.17E-06	8.17E-06	2.58E-01	3.82E-02	5.24E-01	7.06E-02
1931 Gridded	2.04E-05	3.34E-06	4.30E-06	7.30E-07	2.43E-04	3.82E-05	2.52E-04	4.02E-05	2.80E-04	4.80E-05	5.72E-06	8.95E-07	9.66E-04	1.52E-04	1.11E-03	1.83E-04	1.44E-03	2.96E-04	2.45E-04	3.86E-05	4.53E-05	7.08E-06	1.31E-05	2.05E-06	3.10E-05	4.85E-06	8.60E-06	8.60E-06	2.21E-01	3.34E-02	5.36E-01	6.38E-02
1932 Gridded	2.01E-05	3.08E-06	4.25E-06	6.75E-07	2.38E-04	3.52E-05	2.48E-04	3.71E-05	2.77E-04	4.43E-05	5.62E-06	8.25E-07	9.50E-04	1.40E-04	1.10E-03	1.69E-04	1.41E-03	2.76E-04	2.40E-04	3.56E-05	4.45E-05	6.53E-06	1.29E-05	1.89E-06	3.04E-05	4.47E-06	7.98E-06	7.98E-06	1.83E-01	2.70E-02	5.06E-01	5.85E-02
1933 Gridded	1.34E-05	2.53E-06	2.93E-06	5.54E-07	1.53E-04	2.89E-05	1.61E-04	3.04E-05	1.93E-04	3.64E-05	3.59E-06	6.77E-07	6.10E-04	1.15E-04	7.34E-04	1.39E-04	1.19E-03	2.27E-04	1.55E-04	2.92E-05	2.84E-05	5.36E-06	8.23E-06	1.55E-06	1.95E-05	3.67E-06	6.56E-06	6.56E-06	1.34E-01	1.97E-02	3.42E-01	3.98E-02
1934 Gridded	1.34E-05	2.04E-06	2.94E-06	4.47E-07	1.53E-04	2.33E-05	1.61E-04	2.45E-05	1.93E-04	2.93E-05	3.59E-06	5.46E-07	6.10E-04	9.26E-05	7.35E-04	1.12E-04	1.20E-03	1.83E-04	1.55E-04	2.36E-05	2.84E-05	4.32E-06	8.23E-06	1.25E-06	1.95E-05	2.96E-06	5.28E-06	5.28E-06	1.63E-01	1.89E-02	3.31E-01	3.37E-02
1935 Gridded	1.24E-05	1.66E-06	2.73E-06	3.76E-07	1.41E-04	1.83E-05	1.48E-04	1.95E-05	1.79E-04	2.48E-05	3.30E-06	4.27E-07	5.59E-04	7.28E-05	6.79E-04	9.15E-05	1.33E-03	1.78E-04	1.42E-04	1.86E-05	2.61E-05	3.38E-06	7.56E-06	9.78E-07	1.79E-05	2.31E-06	4.78E-06	4.78E-06	1.46E-01	1.75E-02	2.50E-01	2.61E-02
1936 Gridded	1.11E-05	2.11E-06	2.46E-06	4.71E-07	1.27E-04	2.36E-05	1.34E-04	2.50E-05	1.62E-04	3.10E-05	2.97E-06	5.51E-07	5.04E-04	9.38E-05	6.12E-04	1.16E-04	1.35E-03	2.11E-04	1.28E-04	2.39E-05	2.35E-05	4.36E-06	6.80E-06	1.26E-06	1.61E-05	2.98E-06	5.83E-06	5.83E-06	1.29E-01	1.63E-02	2.16E-01	2.04E-02
1937 Gridded	1.16E-05	2.57E-06	2.56E-06	5.67E-07	1.31E-04	2.91E-05	1.38E-04	3.08E-05	1.69E-04	3.73E-05	3.07E-06	6.82E-07	5.21E-04	1.16E-04	6.36E-04	1.41E-04	1.23E-03	2.40E-04	1.33E-04	2.95E-05	2.43E-05	5.40E-06	7.02E-06	1.56E-06	1.66E-05	3.69E-06	6.82E-06	6.82E-06	1.27E-01	2.11E-02	2.37E-01	3.52E-02
1938 Gridded	2.18E-05	3.32E-06	4.60E-06	7.24E-07	2.58E-04	3.81E-05	2.68E-04	4.00E-05	3.00E-04	4.75E-05	6.07E-06	8.92E-07	1.03E-03	1.51E-04	1.19E-03	1.82E-04	1.54E-03	2.90E-04	2.60E-04	3.85E-05	4.81E-05	7.06E-06	1.39E-05	2.04E-06	3.29E-05	4.83E-06	8.48E-06	8.48E-06	2.31E-01	4.02E-02	4.36E-01	7.37E-02
1939 Gridded	4.06E-05	6.08E-06	8.41E-06	1.40E-06	4.89E-04	6.58E-05	5.06E-04	7.06E-05	5.47E-04	9.29E-05	1.16E-05	1.53E-06	1.95E-03	2.61E-04	2.20E-03	3.36E-04	3.95E-03	7.17E-04	4.93E-04	6.68E-05	9.15E-05	1.21E-05	2.65E-05	3.50E-06	6.26E-05	8.26E-06	1.86E-05	1.86E-05	2.59E-01	3.68E-02	5.70E-01	8.10E-02
1940 Gridded	2.89E-05	4.19E-06	6.27E-06	9.06E-07	3.35E-04	4.86E-05	3.51E-04	5.09E-05	4.11E-04	5.94E-05	7.86E-06	1.14E-06	1.33E-03	1.93E-04	1.58E-03	2.29E-04	2.51E-03	4.26E-04	3.38E-04	4.91E-05	6.22E-05	9.04E-06	1.80E-05	2.62E-06	4.26E-05	6.18E-06	1.12E-05	1.12E-05	2.63E-01	4.16E-02	5.71E-01	7.48E-02
1941 Gridded	3.47E-05	5.12E-06	7.53E-06	1.10E-06	4.00E-04	5.97E-05	4.20E-04	6.24E-05	4.94E-04	7.20E-05	9.40E-06	1.40E-06	1.59E-03	2.37E-04	1.90E-03	2.80E-04	3.95E-03	5.28E-04	4.05E-04	6.03E-05	7.44E-05	1.11E-05	2.15E-05	3.21E-06	5.09E-05	7.59E-06	1.24E-05	1.24E-05	3.02E-01	4.65E-02	6.07E-01	7.41E-02
1942 Gridded	4.02E-05	5.36E-06	8.76E-06	1.25E-06	4.61E-04	6.05E-05	4.85E-04	6.33E-05	5.75E-04	8.33E-05	1.08E-05	1.42E-06	1.83E-03	2.41E-04	2.20E-03	2.97E-04	3.77E-03	6.74E-04	4.66E-04	6.11E-05	8.56E-05	1.13E-05	2.48E-05	3.26E-06	5.86E-05	7.70E-06	1.70E-05	1.70E-05	2.64E-01	4.83E-02	6.97E-01	8.40E-02
1943 Gridded	4.53E-05	7.45E-06	9.84E-06	1.67E-06	5.21E-04	8.31E-05	5.47E-04	8.82E-05	6.46E-04	1.10E-04	1.22E-05	1.95E-06	2.07E-03	3.31E-04	2.48E-03	4.10E-04	3.99E-03	7.68E-04	5.27E-04	8.42E-05	9.68E-05	1.54E-05	2.80E-05	4.47E-06	6.62E-05	1.06E-05	2.10E-05	2.10E-05	2.89E-01	6.14E-02	8.06E-01	1.23E-01
1944 Gridded	5.27E-05	8.67E-06	1.14E-05	1.87E-06	6.11E-04	1.01E-04	6.40E-04	1.06E-04	7.45E-04	1.22E-04	1.44E-05	2.37E-06	2.43E-03	4.01E-04	2.88E-03	4.74E-04	4.40E-03	7.41E-04	6.17E-04	1.02E-04	1.14E-04	1.87E-05	3.29E-05	5.43E-06	7.77E-05	1.28E-05	2.14E-05	2.14E-05	3.18E-01	6.77E-02	8.23E-01	1.36E-01
1945 Gridded	5.55E-05	9.40E-06	1.22E-05	2.10E-06	6.31E-04	1.06E-04	6.66E-04	1.12E-04	8.05E-04	1.38E-04	1.48E-05	2.46E-06	2.51E-03	4.19E-04	3.05E-03	5.17E-04	5.31E-03	9.37E-04	6.39E-04	1.07E-04	1.17E-04	1.95E-05	3.38E-05	5.64E-06	8.00E-05	1.33E-05	2.59E-05	2.59E-05	3.68E-01	5.69E-02	8.20E-01	1.12E-01
1946 Gridded	6.63E-05	1.13E-05	1.46E-05	2.49E-06	7.52E-04	1.28E-04	7.94E-04	1.35E-04	9.62E-04	1.64E-04	1.76E-05	3.00E-06	2.99E-03	5.11E-04	3.64E-03	6.20E-04	7.12E-03	1.05E-03	7.61E-04	1.30E-04	1.39E-04	2.38E-05	4.03E-05	6.88E-06	9.53E-05	1.63E-05	2.99E-05	2.99E-05	3.55E-01	7.05E-02	8.07E-01	1.39E-01
1947 Gridded	5.53E-05	7.76E-06	1.20E-05	1.66E-06	6.35E-04	9.08E-05	6.67E-04	9.48E-05	7.91E-04	1.09E-04	1.49E-05	2.14E-06	2.53E-03	3.61E-04	3.03E-03	4.24E-04	7.25E-03	6.27E-04	6.42E-04	9.17E-05	1.18E-04	1.69E-05	3.41E-05	4.89E-06	8.07E-05	1.16E-05	1.88E-05	1.88E-05	4.03E-01	7.77E-02	9.85E-01	1.91E-01
1948 Gridded	4.97E-05	6.96E-06	1.08E-05	1.50E-06	5.74E-04	8.09E-05	6.02E-04	8.47E-05	7.07E-04	9.84E-05	1.35E-05	1.90E-06	2.28E-03	3.22E-04	2.72E-03	3.81E-04	4.19E-03	5.64E-04	5.80E-04	8.17E-05	1.07E-04	1.50E-05	3.08E-05	4.35E-06	7.29E-05	1.03E-05	1.71E-05	1.71E-05	4.54E-01	9.25E-02	9.47E-01	1.84E-01
1949 Gridded	3.41E-05	6.92E-06	7.33E-06	1.46E-06	3.96E-04	8.18E-05	4.15E-04	8.51E-05	4.80E-04	9.56E-05	9.31E-06	1.93E-06	1.58E-03	3.26E-04	1.86E-03	3.77E-04	3.40E-03	4.93E-04	4.00E-04	8.26E-05	7.37E-05	1.53E-05	2.13E-05	4.42E-06	5.04E-05	1.04E-05	1.59E-05	1.59E-05	3.49E-01	8.26E-02	9.44E-01	1.27E-01
1950 Gridded	3.16E-05	5.38E-06	6.44E-06	1.14E-06	3.87E-04	6.35E-05	3.98E-04	6.61E-05	4.18E-04	7.46E-05	9.16E-06	1.49E-06	1.54E-03	2.53E-04	1.71E-03	2.93E-04	2.54E-03	4.05E-04	3.89E-04	6.41E-05	7.25E-05	1.18E-05	2.10E-05	3.43E-06	4.96E-05	8.10E-06	1.24E-05	1.24E-05	3.33E-01	5.49E-02	7.71E-01	1.12E-01
1951 Gridded	2.30E-05	4.66E-06	4.87E-06	9.94E-07	2.99E-04	5.48E-05	3.00E-04	5.71E-05	3.18E-04	6.50E-05	7.17E-06	1.29E-06	1.20E-03	2.18E-04	1.25E-03	2.55E-04	2.25E-03	4.24E-04	2.99E-04	5.53E-05	5.68E-05	1.02E-05	1.64E-05	2.95E-06	3.88E-05	6.98E-06	1.17E-05	1.17E-05	2.50E-01	6.75E-02	5.93E-01	1.49E-01
1952 Gridded	2.96E-05	6.81E-06	5.47E-06	1.46E-06	3.93E-04	7.98E-05	3.93E-04	8.33E-05	3.49E-04	9.52E-05	9.41E-06	1.88E-06	1.57E-03	3.18E-04	1.58E-03	3.72E-04	2.08E-03	5.20E-04	3.93E-04	8.06E-05	7.45E-05	1.49E-05	2.16E-05	4.30E-06	5.10E-05	1.02E-05	1.62E-05	1.62E-05	3.47E-01	8.95E-02	6.90E-01	1.61E-01
1953 Gridded	2.36E-05	7.09E-06	4.50E-06	1.52E-06	3.14E-04	8.31E-05	3.14E-04	8.68E-05	2.89E-04	9.92E-05	7.53E-06	1.96E-06	1.25E-03	3.31E-04	1.27E-03	3.87E-04	2.04E-03	5.41E-04	3.14E-04	8.39E-05	5.96E-05	1.55E-05	1.72E-05	4.48E-06	4.08E-05	1.06E-05	1.68E-05	1.68E-05	3.63E-01	6.71E-02	7.83E-01	1.02E-01
1954 Gridded	2.93E-05	8.63E-06	6.02E-06	1.88E-06	3.55E-04	9.92E-05	3.67E-04	1.04E-04	3.91E-04	1.23E-04	8.41E-06	2.33E-06	1.42E-03	3.95E-04	1.59E-03	4.73E-04	3.70E-03	7.46E-04	3.58E-04	1.00E-04	6.66E-05	1.84E-05	1.93E-05	5.33E-06	4.55E-05	1.26E-05	2.19E-05	2.19E-05	4.24E-01	6.38E-02	9.17E-01	1.24E-01
1955 Gridded	3.78E-05	7.62E-06	7.85E-06	1.69E-06	4.56E-04	8.62E-05	4.71E-04	9.11E-05	5.11E-04	1.11E-04	1.08E-05	2.02E-06	1.82E-03	3.43E-04	2.06E-03	4.18E-04	3.20E-03	7.25E-04	4.59E-04	8.73E-05	8.52E-05	1.60E-05	2.47E-05	4.62E-06	5.83E-05	1.09E-05	2.04E-05	2.04E-05	4.14E-01	1.08E-01	1.10E+00	2.27E-01
1956 Gridded	3.16E-05	7.41E-06	6.46E-06	1.54E-06	3.85E-04	8.90E-05	3.97E-04	9.21E-05	4.19E-04	1.00E-04	9.12E-06	2.10E-06	1.54E-03	3.55E-04	1.71E-03	4.03E-04	2.87E-03	5.63E-04	3.88E-04	8.97E-05	7.22E-05	1.66E-05	2.09E-05	4.82E-06	4.94E-05	1.14E-05	1.69E-05	1.69E-05	4.00E-01	8.98E-02	9.65E-01	1.36E-01
1957 Gridded	2.39E-05	4.03E-06	4.97E-06	9.03E-07	2.88E-04	4.74E-05	2.98E-04	4.92E-05	3.26E-04	5.96E-05	6.80E-06	1.12E-06	1.15E-03	1.89E-04	1.30E-03	2.21E-04	2.48E-03	4.14E-04	2.90E-04	4.78E-05	5.39E-05	8.83E-06	1.56E-05	2.56E-06	3.69E-05	6.04E-06	1.13E-05	1.13E-05	3.31E-01	6.58E-02	1.02E+00	1.16E-01
1958 Gridded	3.43E-05	5.38E-06	6.26E-06	1.15E-06	4.57E-04	6.29E-05	4.57E-04	6.56E-05	3.97E-04	7.54E-05	1.10E-05	1.48E-06	1.83E-03	2.50E-04	1.83E-03	2.94E-04	2.15E-03	4.17E-04	4.57E-04	6.35E-05	8.68E-05	1.17E-05	2.51E-05	3.39E-06	5.94E-05	8.00E-06	1.29E-05	1.29E-05	3.15E-01	5.49E-02	7.43E-01	1.34E-01
1959 Gridded	3.97E-05	5.03E-06	7.25E-06	1.08E-06	5.29E-04	5.87E-05	5.29E-04	6.13E-05	4.60E-04	7.07E-05	1.27E-05	1.38E-06	2.12E-03	2.34E-04	2.12E-03	2.75E-04	2.72E-03	3.96E-04	5.29E-04	5.93E-05	1.01E-04	1.09E-05	2.91E-05	3.16E-06	6.88E-05	7.47E-06	1.21E-05	1.21E-05	2.67E-01	5.13E-02	6.20E-01	8.12E-02
1960 Gridded	2.04E-05	4.74E-06	4.63E-06	1.04E-06	2.25E-04	5.40E-05	2.40E-04	5.69E-05	3.06E-04	6.85E-05	5.24E-06	1.26E-06	8.94E-04	2.15E-04	1.13E-03	2.60E-04	2.21E-03	4.32E-04	2.29E-04	5.47E-05	4.15E-05	1.00E-05	1.20E-05	2.90E-06	2.84E-05	6.85E-06	1.24E-05	1.24E-05	2.45E-01	4.34E-02	6.18E-01	6.62E-02
1961 Gridded	2.33E-05	4.03E-06	4.25E-06	8.78E-07	3.10E-04	4.64E-05	3.10E-04	4.87E-05	2.70E-04	5.77E-05	7.45E-06	1.09E-06	1.24E-03	1.84E-04	1.24E-03	2.21E-04	1.60E-03	3.48E-04	3.10E-04	4.69E-05	5.90E-05	8.61E-06	1.71E-05	2.49E-06	4.03E-05	5.89E-06	1.02E-05	1.02E-05	2.61E-01	4.28E-02	6.33E-01	7.32E-02
1962 Gridded	2.73E-05	4.07E-06	6.10E-06	8.54E-07	3.06E-04	4.86E-05	3.24E-04	5.04E-05	4.02E-04	5.57E-05	7.34E-06	1.15E-06	1.22E-03	1.94E-04	1.50E-03	2.22E-04	2.74E-03	3.16E-04	3.10E-04	4.90E-05	5.81E-05	9.08E-06	1.68E-05	2.63E-06	3.98E-05	6.21E-06	9.03E-06	9.03E-06	1.83E-01	3.14E-02	4.56E-01	4.45E-02
1963 Gridded	3.59E-05	5.49E-06	7.86E-06	1.20E-06	4.11E-04	6.29E-05	4.32E-04	6.61E-05	5.16E-04	7.87E-05	9.62E-06	1.47E-06	1.63E-03	2.50E-04	1.97E-03	3.01E-04	3.20E-03	4.83E-04	4.16E-04	6.36E-05	7.62E-05	1.17E-05	2.21E-05	3.38E-06	5.21E-05	7.98E-06	1.41E-05	1.41E-05	2.36E-01	5.11E-02	6.68E-01	7.93E-02
1964 Gridded	2.82E-05	5.56E-06	5.93E-06	1.21E-06	3.36E-04	6.40E-05	3.49E-04	6.73E-05	3.87E-04	7.95E-05	7.93E-06	1.50E-06	1.34E-03	2.55E-04	1.54E-03	3.05E-04	1.90E-03	4.78E-04	3.39E-04	6.48E-05	6.28E-05	1.19E-05	1.82E-05	3.44E-06	4.29E-05	8.13E-06	1.41E-05	1.41E-05	3.19E-01	4.97E-02	6.43E-01	7.78E-02
1965 Gridded	2.33E-05	6.22E-06	5.31E-06	1.38E-06	2.55E-04	7.03E-05	2.72E-04	7.43E-05	3.51E-04	9.06E-05	5.93E-06	1.64E-06	1.01E-03	2.80E-04	1.28E-03	3.41E-04	2.59E-03	5.92E-04	2.59E-04	7.12E-05	4.69E-05	1.30E-05	1.36E-05	3.77E-06	3.21E-05	8.91E-06	1.67E-05	1.67E-05	1.97E-01	5.44E-02	4.99E-01	7.98E-02
1966 Gridded	2.52E-05	5.66E-06	5.51E-06	1.23E-06	2.89E-04	6.54E-05	3.04E-04	6.86E-05	3.62E-04	8.05E-05	6.77E-06	1.53E-06	1.15E-03	2.60E-04	1.38E-03	3.10E-04	2.23E-03	4.75E-04	2.92E-04	6.61E-05	5.36E-05	1.22E-05	1.55E-05	3.52E-06	3.67E-05	8.31E-06	1.41E-05	1.41E-05	1.96E-01	4.16E-02	5.34E-01	6.44E-02
1967 Gridded	2.34E-05	3.85E-06	5.09E-06	8.76E-07	2.69E-04	4.22E-05	2.83E-04	4.51E-05	3.34E-04	5.79E-05	6.31E-06	9.82E-07	1.07E-03	1.68E-04	1.28E-03	2.12E-04	2.01E-03	4.25E-04	2.72E-04	4.29E-05	4.99E-05	7.78E-06	1.45E-05	2.25E-06	3.42E-05	5.32E-06	1.13E-05	1.13E-05	1.73E-01	4.31E-02	5.34E-01	6.89E-02
1968 Gridded	2.31E-05	4.61E-06	5.10E-06	9.85E-07	2.62E-04	5.40E-05	2.76E-04	5.64E-05	3.35E-04	6.44E-05	6.12E-06	1.27E-06	1.04E-03	2.15E-04	1.27E-03	2.52E-04	2.17E-03	3.66E-04	2.65E-04	5.45E-05	4.85E-05	1.01E-05	1.40E-05	2.91E-06	3.32E-05	6.88E-06	1.09E-05	1.09E-05	2.67E-01	4.27E-02	6.96E-01	7.13E-02
1969 Gridded	2.64E-05	4.12E-06	5.85E-06	9.03E-07	2.99E-04	4.71E-05	3.16E-04	4.96E-05	3.85E-04	5.93E-05	6.99E-06	1.10E-06	1.19E-03	1.87E-04	1.45E-03	2.26E-04	2.51E-03	3.69E-04	3.03E-04	4.77E-05	5.53E-05	8.74E-06	1.60E-05	2.53E-06	3.78E-05	5.98E-06	1.07E-05	1.07E-05	3.89E-01	5.20E-02	1.02E+00	9.53E-02
1970 Gridded	2.60E-05	3.41E-06	5.83E-06	7.30E-07	2.90E-04	4.00E-05	3.08E-04	4.17E-05	3.85E-04	4.77E-05	6.76E-06	9.40E-07	1.15E-03	1.59E-04	1.43E-03	1.86E-04	2.66E-03	2.62E-04	2.94E-04	4.04E-05	5.36E-05	7.44E-06	1.55E-05	2.15E-06	3.66E-05	5.09E-06	8.12E-06	8.12E-06	1.97E-01	4.20E-02	6.57E-01	6.84E-02
1971 Gridded	2.65E-05	3.88E-06	5.56E-06	8.27E-07	3.15E-04	4.57E-05	3.27E-04	4.75E-05	3.62E-04	5.41E-05	7.44E-06	1.08E-06	1.26E-03	1.82E-04	1.44E-03	2.12E-04	2.11E-03	3.04E-04	3.18E-04	4.61E-05	5.89E-05	8.53E-06	1.70E-05	2.47E-06	4.03E-05	5.83E-06	9.14E-06	9.14E-06	2.88E-01	4.32E-02	7.24E-01	7.14E-02
1972 Gridded	2.51E-05	5.32E-06	5.21E-06	1.14E-06	3.03E-04	6.20E-05	3.13E-04	6.48E-05	3.39E-04	7.49E-05	7.17E-06	1.46E-06	1.21E-03	2.47E-04	1.37E-03	2.91E-04	2.32E-03	4.23E-04	3.06E-04	6.26E-05	5.68E-05	1.15E-05	1.64E-05	3.34E-06	3.88E-05	7.89E-06	1.29E-05	1.29E-05	2.60E-01	4.38E-02	7.39E-01	7.70E-02
1973 Gridded	3.34E-05	5.97E-06	7.12E-06	1.28E-06	3.92E-04	6.98E-05	4.09E-04	7.29E-05	4.65E-04	8.38E-05	9.23E-06	1.64E-06	1.56E-03	2.78E-04	1.82E-03	3.26E-04	2.50E-03	4.64E-04	3.96E-04	7.05E-05	7.31E-05	1.30E-05	2.12E-05	3.76E-06	5.00E-05	8.89E-06	1.43E-05	1.43E-05	2.59E-01	4.43E-02	7.30E-01	8.71E-02
1974 Gridded	2.79E-05	5.31E-06	6.05E-06	1.14E-06	3.22E-04	6.18E-05	3.38E-04	6.47E-05	3.97E-04	7.48E-05	7.56E-06	1.45E-06	1.28E-03	2.46E-04	1.53E-03	2.90E-04	2.35E-03	4.23E-04	3.26E-04	6.25E-05	5.99E-05	1.15E-05	1.73E-05	3.33E-06	4.10E-05	7.87E-06	1.29E-05	1.29E-05	2.41E-01	4.27E-02	7.09E-01	8.52E-02
1975 Gridded	3.24E-05	3.50E-06	7.04E-06	7.28E-07	3.75E-04	4.21E-05	3.93E-04	4.36E-05	4.63E-04	4.74E-05	8.79E-06	9.94E-07	1.49E-03	1.68E-04	1.77E-03	1.90E-04	2.90E-03	3.12E-04	3.79E-04	4.24E-05	6.96E-05	7.87E-06	2.01E-05	2.28E-06	4.76E-05	5.39E-06	8.60E-06	8.60E-06	2.64E-01	4.76E-02	8.12E-01	8.08E-02
1976 Gridded	3.83E-05	4.49E-06	8.42E-06	9.69E-07	4.39E-04	5.20E-05	4.60E-04	5.45E-05	5.54E-04	6.35E-05	1.05E-05	1.22E-06	1.75E-03	2.07E-04	2.10E-03	2.45E-04	3.51E-03	3.69E-04	4.41E-04	5.25E-05	8.28E-05	9.66E-06	2.40E-05	2.80E-06	5.66E-05	6.61E-06	1.11E-05	1.11E-05	2.89E-01	4.98E-02	5.27E-01	8.72E-02
1977 Gridded	3.78E-05	3.58E-06	8.35E-06	7.47E-07	4.29E-04	4.28E-05	4.53E-04	4.43E-05	5.50E-04	4.87E-05	1.00E-05	1.01E-06	1.71E-03	1.71E-04	2.08E-03	1.95E-04	3.55E-03	2.46E-04	4.34E-04	4.31E-05	7.94E-05	8.00E-06	2.30E-05	2.32E-06	5.43E-05	5.47E-06	7.81E-06	7.81E-06	2.95E-01	3.70E-02	5.85E-01	6.48E-02
1978 Gridded	3.93E-05	3.64E-06	7.97E-06	7.74E-07	4.83E-04	4.28E-05	4.96E-04	4.46E-05	5.17E-04	5.06E-05	1.14E-05	1.01E-06	1.93E-03	1.70E-04	2.13E-03	1.99E-04	3.09E-03	2.90E-04	4.86E-04	4.32E-05	9.06E-05	7.97E-06	2.62E-05	2.31E-06	6.20E-05	5.45E-06	8.74E-06	8.74E-06	3.18E-01	4.09E-02	5.33E-01	7.40E-02

Scenario 1 Results

1979 Gridded	3.83E-05	5.90E-06	8.25E-06	1.29E-06	4.45E-04	6.76E-05	4.66E-04	7.11E-05	5.40E-04	8.47E-05	1.05E-05	1.59E-06	1.77E-03	2.69E-04	2.09E-03	3.23E-04	3.09E-03	5.20E-04	4.49E-04	6.84E-05	8.27E-05	1.25E-05	2.39E-05	3.63E-06	5.66E-05	8.59E-06	1.51E-05	1.51E-05	4.03E-01	4.12E-02	6.79E-01	6.92E-02
1980 Gridded	3.68E-05	6.67E-06	7.67E-06	1.42E-06	4.42E-04	7.82E-05	4.58E-04	8.16E-05	4.99E-04	9.30E-05	1.04E-05	1.84E-06	1.76E-03	3.11E-04	2.00E-03	3.64E-04	2.49E-03	5.04E-04	4.45E-04	7.90E-05	8.26E-05	1.46E-05	2.39E-05	4.22E-06	5.65E-05	9.97E-06	1.58E-05	1.58E-05	3.07E-01	4.73E-02	6.13E-01	6.93E-02
1981 Gridded	2.73E-05	4.27E-06	5.72E-06	8.93E-07	3.25E-04	5.10E-05	3.37E-04	5.29E-05	3.73E-04	5.82E-05	7.67E-06	1.20E-06	1.30E-03	2.03E-04	1.48E-03	2.32E-04	1.82E-03	3.34E-04	3.28E-04	5.15E-05	6.07E-05	9.54E-06	1.76E-05	2.76E-06	4.15E-05	6.53E-06	9.42E-06	9.42E-06	3.03E-01	5.19E-02	5.40E-01	8.99E-02
1982 Gridded	2.23E-05	3.06E-06	4.75E-06	6.43E-07	2.72E-04	3.64E-05	2.80E-04	3.78E-05	3.11E-04	4.20E-05	6.43E-06	8.57E-07	1.08E-03	1.45E-04	1.22E-03	1.67E-04	1.69E-03	2.68E-04	2.74E-04	3.67E-05	5.09E-05	6.79E-06	1.47E-05	1.96E-06	3.49E-05	4.64E-06	7.55E-06	7.55E-06	2.43E-01	3.94E-02	4.72E-01	7.84E-02
1983 Gridded	2.43E-05	3.04E-06	5.02E-06	6.66E-07	2.95E-04	3.48E-05	3.04E-04	3.67E-05	3.27E-04	4.38E-05	6.97E-06	8.16E-07	1.17E-03	1.39E-04	1.32E-03	1.67E-04	1.64E-03	2.71E-04	2.97E-04	3.52E-05	5.51E-05	6.46E-06	1.60E-05	1.87E-06	3.77E-05	4.42E-06	7.86E-06	7.86E-06	2.69E-01	3.89E-02	5.49E-01	7.51E-02
1984 Gridded	1.90E-05	2.93E-06	4.09E-06	6.43E-07	2.22E-04	3.36E-05	2.32E-04	3.53E-05	2.67E-04	4.22E-05	5.22E-06	7.86E-07	8.84E-04	1.33E-04	1.04E-03	1.61E-04	1.50E-03	2.63E-04	2.24E-04	3.39E-05	4.13E-05	6.22E-06	1.20E-05	1.80E-06	2.83E-05	4.26E-06	7.60E-06	7.60E-06	2.05E-01	2.79E-02	4.40E-01	5.24E-02
1985 Gridded	1.37E-05	2.51E-06	2.88E-06	5.50E-07	1.64E-04	2.87E-05	1.70E-04	3.02E-05	1.88E-04	3.61E-05	3.86E-06	6.71E-07	6.51E-04	1.14E-04	7.47E-04	1.38E-04	1.21E-03	2.25E-04	1.65E-04	2.90E-05	3.05E-05	5.31E-06	8.84E-06	1.54E-06	2.09E-05	3.64E-06	6.51E-06	6.51E-06	1.31E-01	1.95E-02	3.59E-01	3.98E-02
1986 Gridded	1.29E-05	2.16E-06	2.81E-06	4.73E-07	1.47E-04	2.47E-05	1.55E-04	2.60E-05	1.84E-04	3.11E-05	3.46E-06	5.78E-07	5.86E-04	9.81E-05	7.04E-04	1.18E-04	1.27E-03	1.94E-04	1.49E-04	2.50E-05	2.74E-05	4.57E-06	7.92E-06	1.32E-06	1.87E-05	3.13E-06	5.61E-06	5.61E-06	1.30E-01	1.92E-02	3.51E-01	4.01E-02
1987 Gridded	1.28E-05	1.72E-06	2.81E-06	3.77E-07	1.47E-04	1.97E-05	1.54E-04	2.07E-05	1.84E-04	2.48E-05	3.44E-06	4.61E-07	5.84E-04	7.83E-05	7.03E-04	9.44E-05	1.29E-03	1.54E-04	1.48E-04	1.99E-05	2.72E-05	3.65E-06	7.88E-06	1.06E-06	1.86E-05	2.50E-06	4.46E-06	4.46E-06	1.50E-01	1.80E-02	3.27E-01	3.55E-02
1988 Gridded	1.18E-05	1.54E-06	2.58E-06	3.49E-07	1.39E-04	1.77E-05	1.44E-04	1.84E-05	1.70E-04	2.31E-05	3.26E-06	4.17E-07	5.52E-04	7.05E-05	6.44E-04	8.48E-05	1.18E-03	1.68E-04	1.40E-04	1.79E-05	2.58E-05	3.30E-06	7.48E-06	9.55E-07	1.77E-05	2.26E-06	4.48E-06	4.48E-06	1.51E-01	1.80E-02	3.25E-01	3.20E-02
1989 Gridded	1.76E-05	2.32E-06	3.70E-06	5.23E-07	2.12E-04	2.59E-05	2.19E-04	2.75E-05	2.41E-04	3.45E-05	5.01E-06	6.10E-07	8.45E-04	1.03E-04	9.57E-04	1.28E-04	1.21E-03	2.41E-04	2.14E-04	2.62E-05	3.97E-05	4.83E-06	1.15E-05	1.40E-06	2.71E-05	3.30E-06	6.56E-06	6.56E-06	1.87E-01	2.14E-02	3.71E-01	3.55E-02
1990 Gridded	3.34E-05	4.72E-06	7.26E-06	1.01E-06	3.86E-04	5.50E-05	4.05E-04	5.75E-05	4.76E-04	6.65E-05	9.05E-06	1.29E-06	1.53E-03	2.19E-04	1.83E-03	2.58E-04	3.62E-03	4.52E-04	3.90E-04	5.55E-05	7.16E-05	1.02E-05	2.07E-05	2.96E-06	4.90E-05	6.99E-06	1.15E-05	1.15E-05	2.65E-01	4.03E-02	5.33E-01	6.45E-02
1991 Gridded	3.02E-05	4.22E-06	6.62E-06	9.05E-07	3.46E-04	4.92E-05	3.64E-04	5.14E-05	4.35E-04	5.94E-05	8.10E-06	1.16E-06	1.38E-03	1.96E-04	1.66E-03	2.30E-04	2.98E-03	5.01E-04	3.50E-04	4.97E-05	6.41E-05	9.16E-06	1.86E-05	2.65E-06	4.39E-05	6.26E-06	1.24E-05	1.24E-05	2.19E-01	4.21E-02	5.79E-01	6.91E-02
1992 Gridded	3.30E-05	5.12E-06	7.18E-06	1.13E-06	3.81E-04	5.89E-05	4.00E-04	6.18E-05	4.71E-04	7.45E-05	8.94E-06	1.38E-06	1.52E-03	2.34E-04	1.81E-03	2.80E-04	2.81E-03	5.36E-04	3.85E-04	5.95E-05	7.07E-05	1.09E-05	2.05E-05	3.16E-06	4.84E-05	7.48E-06	1.44E-05	1.44E-05	2.28E-01	4.39E-02	6.48E-01	8.59E-02
1993 Gridded	3.32E-05	6.12E-06	7.18E-06	1.32E-06	3.85E-04	7.11E-05	4.03E-04	7.45E-05	4.71E-04	8.64E-05	9.03E-06	1.67E-06	1.53E-03	2.83E-04	1.82E-03	3.35E-04	3.12E-03	5.11E-04	3.89E-04	7.19E-05	7.15E-05	1.32E-05	2.07E-05	3.83E-06	4.89E-05	9.05E-06	1.50E-05	1.50E-05	2.60E-01	5.30E-02	7.31E-01	1.08E-01
1994 Gridded	3.96E-05	6.51E-06	8.43E-06	1.39E-06	4.66E-04	7.62E-05	4.86E-04	7.96E-05	5.51E-04	9.09E-05	1.10E-05	1.79E-06	1.86E-03	3.04E-04	2.16E-03	3.55E-04	3.43E-03	5.81E-04	4.70E-04	7.70E-05	8.69E-05	1.42E-05	2.51E-05	4.11E-06	5.94E-05	9.71E-06	1.63E-05	1.63E-05	3.18E-01	5.40E-02	7.22E-01	1.10E-01
1995 Gridded	5.15E-05	9.39E-06	1.14E-05	2.07E-06	5.85E-04	1.07E-04	6.18E-04	1.13E-04	7.47E-04	1.36E-04	1.37E-05	2.50E-06	2.33E-03	4.25E-04	2.83E-03	5.16E-04	4.99E-03	8.70E-04	5.93E-04	1.08E-04	1.08E-04	1.98E-05	3.14E-05	5.73E-06	7.42E-05	1.35E-05	2.48E-05	2.48E-05	3.06E-01	5.76E-02	6.93E-01	1.16E-01
1996 Gridded	6.11E-05	9.58E-06	1.34E-05	2.10E-06	6.98E-04	1.10E-04	7.35E-04	1.15E-04	8.82E-04	1.38E-04	1.63E-05	2.57E-06	2.77E-03	4.36E-04	3.35E-03	5.25E-04	7.77E-03	8.58E-04	7.06E-04	1.11E-04	1.29E-04	2.03E-05	3.74E-05	5.88E-06	8.85E-05	1.39E-05	2.48E-05	2.48E-05	3.28E-01	6.67E-02	8.02E-01	1.31E-01
1997 Gridded	5.55E-05	6.07E-06	1.22E-05	1.29E-06	6.34E-04	7.13E-05	6.68E-04	7.43E-05	7.99E-04	8.46E-05	1.49E-05	1.68E-06	2.52E-03	2.84E-04	3.04E-03	3.31E-04	5.92E-03	4.81E-04	6.42E-04	7.20E-05	1.18E-04	1.33E-05	3.40E-05	3.84E-06	8.05E-05	9.09E-06	1.43E-05	1.43E-05	3.49E-01	7.53E-02	8.57E-01	1.81E-01
1998 Gridded	6.31E-05	1.05E-05	1.38E-05	2.29E-06	7.22E-04	1.22E-04	7.60E-04	1.28E-04	9.07E-04	1.50E-04	1.69E-05	2.85E-06	2.87E-03	4.83E-04	3.46E-03	5.77E-04	5.61E-03	8.96E-04	7.31E-04	1.23E-04	1.34E-04	2.26E-05	3.88E-05	6.53E-06	9.17E-05	1.54E-05	2.65E-05	2.65E-05	4.44E-01	8.30E-02	8.26E-01	1.53E-01
1999 Gridded	3.96E-05	7.29E-06	8.57E-06	1.54E-06	4.58E-04	8.63E-05	4.80E-04	8.97E-05	5.62E-04	1.01E-04	1.07E-05	2.03E-06	1.82E-03	3.44E-04	2.17E-03	3.97E-04	3.99E-03	5.73E-04	4.62E-04	8.70E-05	8.50E-05	1.61E-05	2.46E-05	4.66E-06	5.82E-05	1.10E-05	1.66E-05	1.66E-05	3.36E-01	7.26E-02	1.02E+00	1.23E-01
2000 Gridded	4.25E-05	8.21E-06	8.65E-06	1.75E-06	5.20E-04	9.66E-05	5.35E-04	1.01E-04	5.61E-04	1.14E-04	1.23E-05	2.27E-06	2.07E-03	3.85E-04	2.30E-03	4.48E-04	4.54E-03	7.11E-04	5.23E-04	9.75E-05	9.75E-05	1.80E-05	2.82E-05	5.21E-06	6.67E-05	1.23E-05	1.92E-05	1.92E-05	3.77E-01	5.91E-02	8.79E-01	1.23E-01
2001 Gridded	2.57E-05	4.91E-06	5.49E-06	1.05E-06	3.06E-04	5.78E-05	3.14E-04	6.02E-05	3.59E-04	6.84E-05	7.34E-06	1.36E-06	1.22E-03	2.30E-04	1.40E-03	2.68E-04	2.69E-03	4.68E-04	3.06E-04	5.83E-05	5.81E-05	1.08E-05	1.68E-05	3.12E-06	3.98E-05	7.37E-06	1.27E-05	1.27E-05	2.59E-01	6.96E-02	6.16E-01	1.55E-01
2002 Gridded	3.05E-05	6.92E-06	5.72E-06	1.48E-06	4.03E-04	8.08E-05	4.04E-04	8.44E-05	3.75E-04	9.71E-05	9.65E-06	1.90E-06	1.61E-03	3.22E-04	1.63E-03	3.78E-04	2.10E-03	5.40E-04	4.03E-04	8.16E-05	7.64E-05	1.50E-05	2.21E-05	4.35E-06	5.23E-05	1.03E-05	1.66E-05	1.66E-05	3.27E-01	8.66E-02	6.48E-01	1.56E-01
2003 Gridded	3.31E-05	7.28E-06	6.05E-06	1.56E-06	4.41E-04	8.50E-05	4.41E-04	8.88E-05	3.84E-04	1.02E-04	1.06E-05	2.00E-06	1.77E-03	3.38E-04	1.77E-03	3.98E-04	1.86E-03	5.73E-04	4.41E-04	8.58E-05	8.38E-05	1.58E-05	2.43E-05	4.58E-06	5.74E-05	1.08E-05	1.76E-05	1.76E-05	3.92E-01	7.73E-02	8.59E-01	1.24E-01
2004 Gridded	1.75E-05	7.04E-06	3.78E-06	1.54E-06	2.03E-04	8.09E-05	2.13E-04	8.50E-05	2.48E-04	1.01E-04	4.77E-06	1.90E-06	8.09E-04	3.22E-04	9.58E-04	3.86E-04	2.34E-03	6.14E-04	2.05E-04	8.18E-05	3.78E-05	1.50E-05	1.09E-05	4.34E-06	2.59E-05	1.03E-05	1.80E-05	1.80E-05	3.11E-01	4.47E-02	6.52E-01	8.24E-02
2005 Gridded	2.75E-05	5.43E-06	5.94E-06	1.21E-06	3.18E-04	6.09E-05	3.33E-04	6.45E-05	3.90E-04	7.98E-05	7.47E-06	1.42E-06	1.27E-03	2.42E-04	1.50E-03	2.98E-04	2.27E-03	5.40E-04	3.22E-04	6.17E-05	5.91E-05	1.12E-05	1.71E-05	3.26E-06	4.05E-05	7.70E-06	1.49E-05	1.49E-05	3.18E-01	8.11E-02	8.47E-01	1.64E-01
2006 Gridded	2.86E-05	8.33E-06	5.91E-06	1.76E-06	3.56E-04	9.88E-05	3.64E-04	1.03E-04	3.86E-04	1.15E-04	8.47E-06	2.33E-06	1.42E-03	3.93E-04	1.55E-03	4.54E-04	3.77E-03	5.82E-04	3.58E-04	9.96E-05	6.70E-05	1.84E-05	1.94E-05	5.33E-06	4.59E-05	1.26E-05	1.89E-05	1.89E-05	3.56E-01	8.82E-02	9.67E-01	1.77E-01
2007 Gridded	2.09E-05	4.44E-06	4.30E-06	9.90E-07	2.77E-04	5.00E-05	2.78E-04	5.29E-05	2.82E-04	6.52E-05	6.65E-06	1.17E-06	1.11E-03	1.99E-04	1.11E-03	2.44E-04	1.75E-03	4.36E-04	2.77E-04	5.06E-05	5.26E-05	9.25E-06	1.52E-05	2.68E-06	3.60E-05	6.33E-06	1.21E-05	1.21E-05	3.10E-01	5.82E-02	8.66E-01	9.69E-02
2008 Gridded	3.63E-05	5.16E-06	7.63E-06	1.10E-06	4.58E-04	6.05E-05	4.65E-04	6.31E-05	4.98E-04	7.19E-05	1.10E-05	1.42E-06	1.83E-03	2.41E-04	1.97E-03	2.81E-04	2.50E-03	3.88E-04	4.58E-04	6.11E-05	8.69E-05	1.13E-05	2.52E-05	3.26E-06	5.95E-05	7.71E-06	1.22E-05	1.22E-05	3.20E-01	7.72E-02	9.53E-01	1.94E-01
2009 Gridded	3.65E-05	4.74E-06	7.04E-06	1.03E-06	4.87E-04	5.47E-05	4.87E-04	5.74E-05	4.56E-04	6.75E-05	1.17E-05	1.28E-06	1.95E-03	2.18E-04	1.95E-03	2.60E-04	2.71E-03	4.02E-04	4.87E-04	5.53E-05	9.25E-05	1.02E-05	2.68E-05	2.94E-06	6.33E-05	6.95E-06	1.19E-05	1.19E-05	2.95E-01	5.31E-02	7.82E-01	1.11E-01
2010 Gridded	2.47E-05	4.73E-06	5.52E-06	1.02E-06	2.77E-04	5.48E-05	2.93E-04	5.74E-05	3.64E-04	6.71E-05	6.46E-06	1.29E-06	1.10E-03	2.18E-04	1.36E-03	2.59E-04	2.48E-03	3.91E-04	2.80E-04	5.54E-05	5.11E-05	1.02E-05	1.48E-05	2.95E-06	3.50E-05	6.97E-06	1.17E-05	1.17E-05	2.06E-01	4.05E-02	5.54E-01	6.42E-02
2011 Gridded	2.30E-05	4.23E-06	4.60E-06	9.41E-07	2.86E-04	4.77E-05	2.93E-04	5.04E-05	2.97E-04	6.20E-05	6.80E-06	1.11E-06	1.14E-03	1.89E-04	1.24E-03	2.33E-04	1.79E-03	4.13E-04	2.88E-04	4.83E-05	5.39E-05	8.81E-06	1.56E-05	2.55E-06	3.68E-05	6.03E-06	1.15E-05	1.15E-05	2.61E-01	4.15E-02	6.17E-01	7.10E-02
2012 Gridded	2.75E-05	4.05E-06	5.02E-06	8.92E-07	3.67E-04	4.60E-05	3.67E-04	4.85E-05	3.19E-04	5.87E-05	8.80E-06	1.08E-06	1.47E-03	1.83E-04	1.47E-03	2.22E-04	1.75E-03	3.75E-04	3.67E-04	4.65E-05	6.97E-05	8.52E-06	2.02E-05	2.47E-06	4.77E-05	5.83E-06	1.07E-05	1.07E-05	3.46E-01	4.54E-02	7.62E-01	7.90E-02
2013 Gridded	2.84E-05	4.94E-06	5.87E-06	1.05E-06	3.79E-04	5.84E-05	3.79E-04	6.08E-05	3.87E-04	6.84E-05	9.09E-06	1.38E-06	1.52E-03	2.33E-04	1.52E-03	2.70E-04	2.67E-03	3.54E-04	3.79E-04	5.90E-05	7.20E-05	1.09E-05	2.08E-05	3.16E-06	4.92E-05	7.46E-06	1.14E-05	1.14E-05	2.60E-01	3.66E-02	6.94E-01	6.79E-02
2014 Gridded	3.35E-05	5.37E-06	7.29E-06	1.18E-06	3.85E-04	6.14E-05	4.04E-04	6.46E-05	4.79E-04	7.75E-05	9.02E-06	1.44E-06	1.53E-03	2.44E-04	1.83E-03	2.95E-04	2.90E-03	4.85E-04	3.89E-04	6.21E-05	7.14E-05	1.14E-05	2.07E-05	3.29E-06	4.88E-05	7.78E-06	1.40E-05	1.40E-05	2.66E-01	5.09E-02	7.37E-01	7.99E-02
2015 Gridded	2.63E-05	5.45E-06	5.49E-06	1.19E-06	3.15E-04	6.27E-05	3.26E-04	6.59E-05	3.57E-04	7.79E-05	7.44E-06	1.47E-06	1.26E-03	2.50E-04	1.43E-03	2.99E-04	1.68E-03	4.69E-04	3.18E-04	6.34E-05	5.89E-05	1.16E-05	1.71E-05	3.37E-06	4.03E-05	7.97E-06	1.38E-05	1.38E-05	3.66E-01	4.71E-02	7.87E-01	9.48E-02
2016 Gridded	2.43E-05	6.58E-06	5.58E-06	1.46E-06	2.79E-04	7.46E-05	2.85E-04	7.88E-05	3.70E-04	9.58E-05	6.62E-06	1.74E-06	1.11E-03	2.97E-04	1.34E-03	3.61E-04	2.82E-03	6.21E-04	2.80E-04	7.55E-05	5.24E-05	1.38E-05	1.52E-05	4.00E-06	3.58E-05	9.45E-06	1.76E-05	1.76E-05	2.78E-01	5.56E-02	7.05E-01	9.82E-02
2017 Gridded	2.85E-05	5.69E-06	6.26E-06	1.25E-06	3.25E-04	6.51E-05	3.43E-04	6.85E-05	4.12E-04	8.20E-05	7.61E-06	1.52E-06	1.29E-03	2.59E-04	1.56E-03	3.12E-04	2.59E-03	5.12E-04	3.29E-04	6.58E-05	6.03E-05	1.21E-05	1.75E-05	3.49E-06	4.12E-05	8.26E-06	1.48E-05	1.48E-05	2.30E-01	4.45E-02	4.91E-01	9.42E-02
2018 Gridded	2.66E-05	4.17E-06	5.31E-06	9.39E-07	3.30E-04	4.64E-05	3.38E-04	4.93E-05	3.44E-04	6.20E-05	7.84E-06	1.08E-06	1.32E-03	1.84E-04	1.44E-03	2.30E-04	1.88E-03	4.35E-04	3.32E-04	4.70E-05	6.21E-05	8.56E-06	1.80E-05	2.48E-06	4.25E-05	5.86E-06	1.18E-05	1.18E-05	1.60E-01	3.89E-02	3.60E-01	6.24E-02
2019 Gridded	2.29E-05	3.82E-06	4.68E-06	8.10E-07	2.79E-04	4.51E-05	2.87E-04	4.69E-05	3.04E-04	5.29E-05	6.60E-06	1.06E-06	1.11E-03	1.80E-04	1.24E-03	2.08E-04	1.87E-03	3.09E-04	2.81E-04	4.55E-05	5.23E-05	8.41E-06	1.51E-05	2.43E-06	3.58E-05	5.75E-06	9.03E-06	9.03E-06	2.49E-01	3.92E-02	4.13E-01	7.06E-02
2020 Gridded	2.21E-05	4.02E-06	4.86E-06	8.84E-07	2.53E-04	4.59E-05	2.66E-04	4.84E-05	3.19E-04	5.81E-05	5.92E-06	1.07E-06	1.01E-03	1.83E-04	1.21E-03	2.21E-04	2.00E-03	3.66E-04	2.56E-04	4.64E-05	4.69E-05	8.51E-06	1.36E-05	2.46E-06	3.21E-05	5.82E-06	1.05E-05	1.05E-05	3.43E-01	4.37E-02	1.25E+00	9.31E-02
2021 Gridded	2.41E-05	3.26E-06	5.38E-06	7.07E-07	2.70E-04	3.76E-05	2.86E-04	3.94E-05	3.55E-04	4.64E-05	6.30E-06	8.81E-07	1.07E-03	1.49E-04	1.32E-03	1.78E-04	2.41E-03	2.77E-04	2.73E-04	3.80E-05	4.98E-05	6.97E-06	1.44E-05	2.02E-06	3.41E-05	4.77E-06	8.19E-06	8.19E-06	2.75E-01	4.22E-02	5.14E-01	7.08E-02
2022 Gridded	2.01E-05	3.39E-06	4.50E-06	7.32E-07	2.36E-04	3.94E-05	2.46E-04	4.12E-05	2.97E-04	4.80E-05	5.56E-06	9.25E-07	9.40E-04	1.57E-04	1.10E-03	1.86E-04	2.07E-03	2.77E-04	2.38E-04	3.98E-05	4.40E-05	7.32E-06	1.27E-05	2.12E-06	3.01E-05	5.01E-06	8.35E-06	8.35E-06	1.99E-01	3.66E-02	8.05E-01	5.91E-02
2023 Gridded	3.07E-05	5.17E-06	6.51E-06	1.11E-06	3.62E-04	6.02E-05	3.77E-04	6.30E-05	4.25E-04	7.28E-05	8.52E-06	1.42E-06	1.44E-03	2.40E-04	1.67E-03	2.83E-04	2.23E-03	4.10E-04	3.65E-04	6.09E-05	6.74E-05	1.12E-05	1.95E-05	3.24E-06	4.61E-05	7.67E-06	1.25E-05	1.25E-05	2.40E-01	4.00E-02	8.01E-01	8.53E-02
2024 Gridded	2.73E-05	4.54E-06	6.11E-06	9.85E-07	3.04E-04	5.25E-05	3.23E-04	5.50E-05	4.03E-04	6.46E-05	7.10E-06	1.23E-06	1.21E-03	2.09E-04	1.50E-03	2.49E-04	2.78E-03	3.81E-04	3.09E-04	5.30E-05	5.62E-05	9.75E-06	1.63E-05	2.82E-06	3.85E-05	6.67E-06	1.14E-05	1.14E-05	2.71E-01	4.44E-02	5.62E-01	7.51E-02
2025 Gridded	3.50E-05	6.39E-06	7.56E-06	1.38E-06	4.06E-04	7.40E-05	4.25E-04	7.75E-05	4.95E-04	9.06E-05	9.54E-06	1.74E-06	1.62E-03	2.94E-04	1.91E-03	3.50E-04	2.86E-03	5.28E-04	4.10E-04	7.48E-05	7.55E-05	1.38E-05	2.19E-05	3.98E-06	5.17E-05	9.41E-06	1.58E-05	1.58E-05	2.63E-01	4.04E-02	6.96E-01	7.31E-02
2026 Gridded	2.80E-05	4.85E-06	6.07E-06	1.05E-06	3.24E-04	5.63E-05	3.40E-04	5.89E-05	3.98E-04	6.88E-05	7.61E-06	1.32E-06	1.29E-03	2.24E-04	1.53E-03	2.66E-04	2.33E-03	4.00E-04	3.28E-04	5.68E-05	6.03E-05	1.05E-05	1.74E-05	3.03E-06	4.12E-05	7.15E-06	1.20E-05	1.20E-05	2.66E-01	4.07E-02	7.18E-01	8.23E-02
2027 Gridded	3.22E-05	3.88E-06	7.01E-06	8.31E-07	3.85E-04	4.64E-05	3.94E-04	4.81E-05	4.61E-04	5.45E-05	9.22E-06	1.09E-06	1.54E-03	1.85E-04	1.76E-03	2.11E-04	2.84E-03	3.22E-04	3.85E-04	4.68E-05	7.30E-05	8.67E-06	2.11E-05	2.51E-06	5.00E-05	5.93E-06	9.58E-06	9.58E-06	2.78E-01	4.89E-02	7.64E-01	8.45E-02
2028 Gridded	3.78E-05	4.47E-06	7.62E-06	9.68E-07	4.80E-04	5.17E-05	4.88E-04	5.42E-05	5.01E-04	6.35E-05	1.14E-05	1.21E-06	1.92E-03	2.06E-04	2.03E-03	2.45E-04	3.16E-03	3.72E-04	4.82E-04	5.22E-05	9.06E-05	9.60E-06	2.62E-05	2.78E-06	6.20E-05	6.57E-06	1.11E-05	1.11E-05	2.89E-01	4.81E-02	5.19E-01	8.54E-02
2029 Gridded	3.97E-05	4.05E-06	8.09E-06	8.50E-07	4.86E-04	4.84E-05	5.00E-04	5.02E-05	5.26E-04	5.54E-05	1.15E-05	1.14E-06	1.94E-03	1.93E-04	2.15E-03	2.21E-04	3.38E-03	2.89E-04	4.89E-04	4.88E-05	9.11E-05	9.03E-06	2.64E-05	2.61E-06	6.24E-05	6.18E-06	8.98E-06	8.98E-06	3.14E-01	3.69E-02	5.64E-01	6.29E-02
2030 Gridded	4.98E-05	3.86E-06	1.02E-05	8.11E-07	6.09E-04	4.58E-05	6.26E-04	4.76E-05	6.60E-04	5.29E-05	1.44E-05	1.08E-06	2.43E-03	1.83E-04	2.70E-03	2.10E-04	3.05E-03	3.06E-04	6.13E-04	4.62E-05	1.14E-04	8.56E-06	3.30E-05	2.48E-06	7.81E-05	5.85E-06	9.12E-06	9.12E-06	3.22E-01	3.70E-02	5.41E-01	7.00E-02
2031 Gridded	4.64E-05	5.00E-06	9.73E-06	1.10E-06	5.54E-04	5.71E-05	5.74E-04	6.02E-05	6.34E-04	7.20E-05	1.31E-05	1.34E-06	2.21E-03	2.27E-04	2.53E-03	2.74E-04	3.08E-03	4.49E-04	5.58E-04	5.78E-05	1.03E-04	1.06E-05	2.99E-05	3.07E-06	7.08E-05	7.25E-06	1.30E-05	1.30E-05	4.16E-01	3.72E-02	6.76E-01	6.57E-02
2032 Gridded	3.62E-05	6.17E-06	7.52E-06	1.34E-06	4.36E-04	7.13E-05	4.51E-04	7.48E-05	4.90E-04	8.77E-05	1.03E-05	1.67E-06	1.74E-03	2.84E-04	1.97E-03	3.38E-04	2.51E-03	5.16E-04	4.39E-04	7.21E-05	8.15E-05	1.33E-05	2.36E-05	3.84E-06	5.58E-05	9.07E-06	1.54E-05	1.54E-05	2.99E-01	3.56E-02	5.48E-01	5.58E-02
2033 Gridded	3.69E-05	6.48E-06	7.52E-06	1.36E-06	4.50E-04	7.71E-05	4.63E-04	8.00E-05	4.88E-04	8.88E-05	1.07E-05	1.82E-06	1.80E-03	3.07E-04	2.00E-03	3.53E-04	2.50E-03	4.40E-04	4.53E-04	7.77E-05	8.44E-05	1.44E-05	2.44E-05	4.16E-06	5.78E-05	9.84E-06	1.45E-05	1.45E-05	3.57E-01	6.10E-02	5.92E-01	1.02E-01
2034 Gridded	3.40E-05	4.71E-06	7.11E-06	9.76E-07	4.06E-04	5.67E-05	4.21E-04	5.86E-05	4.64E-04	6.35E-05	9.58E-06	1.34E-06	1.62E-03	2.26E-04	1.85E-03	2.56E-04	2.23E-03	2.87E-04	4.09E-04	5.71E-05	7.59E-05	1.06E-05	2.20E-05	3.07E-06	5.19E-05	7.26E-06	9.99E-06	9.99E-06	3.12E-01	5.24E-02	5.95E-01	1.00E-01
2035 Gridded	3.13E-05	3.62E-06	6.71E-06	7.57E-07	3.66E-04	4.34E-05	3.83E-04	4.50E-05	4.39E-04	4.93E-05	8.61E-06	1.02E-06	1.46E-03	1.73E-04	1.71E-03	1.97E-04	2.44E-03	2.45E-04	3.70E-04	4.37E-05	6.82E-05	8.11E-06	1.97E-05	2.35E-06	4.66E-05	5.55E-06	7.90E-06	7.90E-06	2.83E-01	4.14E-02	5.49E-01	7.65E-02
2036 Gridded	1.29E-05	2.52E-06	2.75E-06	5.52E-07	1.57E-04	2.89E-05	1.61E-04	3.04E-05	1.81E-04	3.63E-05	3.71E-06	6.76E-07	6.24E-04	1.15E-04	6.97E-04	1.38E-04	1.20E-03	2.25E-04	1.58E-04	2.92E-05	2.93E-05	5.35E-06	8.49E-06	1.55E-06	2.01E-05	3.66E-06	6.52E-06	6.52E-06	1.68E-01	2.28E-02	3.30E-01	4.36E-02
2037 Gridded	1.22E-05	2.39E-06	2.70E-06	5.24E-07	1.44E-04	2.73E-05	1.50E-04	2.87E-05	1.78E-04	3.44E-05	3.38E-06	6.39E-07	5.72E-04	1.09E-04	6.68E-04	1.31E-04	1.26E-03	2.15E-04	1.45E-04	2.76E-05	2.68E-05	5.06E-06	7.75E-06	1.47E-06	1.83E-05	3.46E-06	6.20E-06	6.20E-06	1.39E-01	1.76E-02	2.76E-01	3.09E-02
2038 Gridded	1.38E-05	2.18E-06	2.90E-06	4.78E-07	1.65E-04	2.49E-05	1.71E-04	2.62E-05	1.89E-04	3.14E-05	3.89E-06	5.83E-07	6.56E-04	9.90E-05	7.53E-04	1.20E-04	1.25E-03	1.97E-04	1.66E-04	2.52E-05	3.08E-05	4.61E-06	8.91E-06	1.34E-06	2.10E-05	3.16E-06	5.67E-06	5.67E-06	1.35E-01	1.87E-02	3.38E-01	3.62E-02
2039 Gridded	1.24E-05	1.87E-06	2.69E-06	4.11E-07	1.43E-04	2.14E-05	1.49E-04	2.25E-05	1.77E-04	2.70E-05	3.38E-06	5.00E-07	5.71E-04	8.50E-05	6.77E-04	1.03E-04	1.15E-03	1.69E-04	1.45E-04	2.16E-05	2.68E-05	3.96E-06	7.74E-06	1.15E-06	1.83E-05	2.71E-06	4.87E-06	4.87E-06	1.44E-01	1.95E-02	3.87E-01	3.97E-02
2040 Gridded	1.49E-05	2.19E-06	3.19E-06	4.68E-07	1.75E-04	2.56E-05	1.83E-04	2.68E-05	2.09E-04	3.06E-05	4.12E-06	6.03E-07	6.97E-04	1.02E-04	8.16E-04	1.20E-04	1.22E-03	1.68E-04	1.77E-04	2.59E-05	3.26E-05	4.77E-06	9.44E-06	1.38E-06	2.23E-05	3.26E-06	5.22E-06	5.22E-06	1.99E-01	2.33E-02	4.41E-01	4.84E-02
2041 Gridded	3.79E-05	5.43E-06	8.31E-06	1.26E-06	4.33E-04	5.87E-05	4.56E-04	6.31E-05	5.46E-04	8.33E-05	1.02E-05	1.37E-06	1.72E-03	2.33E-04	2.08E-03	3.01E-04	3.41E-03	6.47E-04	4.38E-04	5.97E-05	8.05E-05	1.09E-05	2.33E-05	3.14E-06	5.51E-05	7.43E-06	1.67E-05	1.67E-05	2.15E-01	4.20E-02	5.74E-01	8.05E-02
2042 Gridded	2.87E-05	5.28E-06	6.23E-06	1.14E-06	3.33E-04	6.11E-05	3.49E-04	6.40E-05	4.09E-04	7.50E-05	7.81E-06	1.43E-06	1.32E-03	2.43E-04	1.57E-03	2.89E-04	2.49E-03	4.86E-04	3.36E-04	6.17E-05	6.19E-05	1.13E-05	1.79E-05	3.29E-06	4.23E-05	7.76E-06	1.36E-05	1.36E-05	2.24E-01	4.47E-02	6.42E-01	8.90E-02
2043 Gridded	2.83E-05	5.17E-06	6.03E-06	1.11E-06	3.33E-04	6.06E-05	3.47E-04	6.32E-05	3.94E-04	7.24E-05	7.83E-06	1.42E-06	1.32E-03	2.41E-04	1.55E-03	2.83E-04	2.77E-03	3.97E-04	3.36E-04	6.11E-05	6.20E-05	1.13E-05	1.79E-05	3.26E-06	4.24E-05	7.71E-06	1.23E-05	1.23E-05	2.31E-01	4.40E-02	6.30E-01	9.04E-02
2044 Gridded	3.17E-05	5.57E-06	6.87E-06	1.23E-06	3.67E-04	6.32E-05	3.85E-04	6.67E-05	4.51E-04	8.10E-05	8.62E-06	1.48E-06	1.46E-03	2.51E-04	1.74E-03	3.06E-04	3.06E-03	5.22E-04	3.71E-04	6.40E-05	6.82E-05	1.17E-05	1.97E-05	3.39E-06	4.67E-05	8.01E-06	1.48E-05	1.48E-05	2.70E-01	4.32E-02	6.65E-01	9.18E-02
2045 Gridded	5.12E-05	8.75E-06	1.12E-05	1.92E-06	5.87E-04	1.00E-04	6.17E-04	1.05E-04	7.36E-04	1.26E-04	1.37E-05	2.34E-06	2.33E-03	3.98E-04	2.81E-03	4.80E-04	4.82E-03	7.81E-04	5.93E-04	1.01E-04	1.09E-04	1.86E-05	3.15E-05	5.37E-06	7.44E-05	1.27E-05	2.26E-05	2.26E-05	2.73E-01	5.63E-02	6.28E-01	1.13E-01
2046 Gridded	5.27E-05	7.60E-06	1.16E-05	1.66E-06	6.00E-04	8.82E-05	6.33E-04	9.19E-05	7.61E-04	1.09E-04	1.41E-05	2.07E-06	2.39E-03	3.51E-04	2.89E-03	4.16E-04	7.57E-03	6.57E-04	6.08E-04	8.90E-05	1.11E-04	1.64E-05	3.22E-05	4.75E-06	7.61E-05	1.12E-05	1.93E-05	1.93E-05	3.15E-01	6.16E-02	7.74E-01	1.38E-01
2047 Gridded	5.86E-05	6.07E-06	1.29E-05	1.35E-06	6.70E-04	6.84E-05	7.05E-04	7.24E-05	8.45E-04	8.90E-05	1.57E-05	1.60E-06	2.66E-03	2.72E-04	3.22E-03	3.34E-04	5.29E-03	5.93E-04	6.78E-04	6.92E-05	1.24E-04	1.26E-05	3.59E-05	3.66E-06	8.50E-05	8.65E-06	1.65E-05	1.65E-05	3.61E-01	6.99E-02	7.57E-01	1.64E-01
2048 Gridded	4.23E-05	8.36E-06	9.20E-06	1.80E-06	4.87E-04	9.74E-05	5.12E-04	1.02E-04	6.03E-04	1.18E-04	1.14E-05	2.29E-06	1.94E-03	3.88E-04	2.32E-03	4.57E-04	3.61E-03	6.68E-04	4.93E-04	9.84E-05	9.05E-05	1.81E-05	2.62E-05	5.24E-06	6.19E-05	1.24E-05	2.03E-05	2.03E-05	3.74E-01	7.22E-02	7.90E-01	1.24E-01
2049 Gridded	4.25E-05	7.23E-06	9.24E-06	1.52E-06	4.90E-04	8.57E-05	5.14E-04	8.91E-05	6.06E-04	9.94E-05	1.15E-05	2.02E-06	1.95E-03	3.41E-04	2.33E-03	3.94E-04	4.35E-03	6.88E-04	4.95E-04	8.65E-05	9.09E-05	1.60E-05	2.63E-05	4.63E-06	6.22E-05	1.09E-05	1.64E-05	1.64E-05	3.21E-01	6.30E-02	9.76E-01	1.17E-01
2050 Gridded	3.70E-05	7.85E-06	7.49E-06	1.67E-06	4.54E-04	9.24E-05	4.67E-04	9.63E-05	4.86E-04	1.09E-04	1.08E-05	2.17E-06	1.81E-03	3.68E-04	2.00E-03	4.28E-04	4.47E-03	6.66E-04	4.57E-04	9.33E-05	8.53E-05	1.72E-05	2.47E-05	4.98E-06	5.83E-05	1.18E-05	1.83E-05	1.83E-05	3.43E-01	5.75E-02	7.91E-01	1.17E-01
2051 Gridded	3.42E-05	6.28E-06	7.40E-06	1.34E-06	3.97E-04	7.39E-05	4.16E-04	7.70E-05	4.85E-04	8.74E-05	9.31E-06	1.74E-06	1.58E-03	2.94E-04	1.87E-03	3.43E-04	4.03E-03	6.19E-04	4.01E-04	7.46E-05	7.37E-05	1.38E-05	2.13E-05	3.99E-06	5.04E-05	9.42E-06	1.63E-05	1.63E-05	2.99E-01	7.96E-02	7.19E-01	1.78E-01
2052 Gridded	4.48E-05	9.59E-06	8.89E-06	2.07E-06	5.89E-04	1.11E-04	5.92E-04	1.17E-04	5.83E-04	1.36E-04	1.41E-05	2.61E-06	2.36E-03	4.43E-04	2.40E-03	5.24E-04	3.51E-03	7.83E-04	5.90E-04	1.12E-04	1.12E-04	2.07E-05	3.24E-05	5.99E-06	7.65E-05	1.42E-05	2.36E-05	2.36E-05	3.41E-01	1.03E-01	7.66E-01	1.90E-01
2053 Gridded	4.17E-05	7.39E-06	7.62E-06	1.59E-06	5.56E-04	8.59E-05	5.56E-04	8.99E-05	4.84E-04	1.04E-04	1.33E-05	2.02E-06	2.22E-03	3.42E-04	2.22E-03	4.04E-04	2.31E-03	5.93E-04	5.56E-04	8.68E-05	1.06E-04	1.60E-05	3.06E-05	4.63E-06	7.22E-05	1.09E-05	1.80E-05	1.80E-05	3.98E-01	8.36E-02	8.78E-01	1.39E-01
2054 Gridded	2.19E-05	7.68E-06	4.64E-06	1.67E-06	2.70E-04	8.82E-05	2.72E-04	9.27E-05	3.04E-04	1.10E-04	6.46E-06	2.07E-06	1.08E-03	3.51E-04	1.19E-03	4.20E-04	3.23E-03	6.66E-04	2.71E-04	8.92E-05	5.11E-05	1.64E-05	1.48E-05	4.74E-06	3.50E-05	1.12E-05	1.95E-05	1.95E-05	3.71E-01	4.37E-02	7.98E-01	8.86E-02
2055 Gridded	2.42E-05	5.14E-06	4.91E-06	1.15E-06	2.98E-04	5.78E-05	3.06E-04	6.12E-05	3.18E-04	7.54E-05	7.06E-06	1.35E-06	1.19E-03	2.30E-04	1.31E-03	2.83E-04	2.17E-03	5.06E-04	3.00E-04	5.85E-05	5.59E-05	1.07E-05	1.62E-05	3.09E-06	3.82E-05	7.31E-06	1.41E-05	1.41E-05	2.29E-01	6.16E-02	6.92E-01	1.22E-01
2056 Gridded	1.78E-05	5.79E-06	3.67E-06	1.25E-06	2.18E-04	6.73E-05	2.23E-04	7.04E-05	2.38E-04	8.17E-05	5.17E-06	1.58E-06	8.69E-04	2.68E-04	9.68E-04	3.17E-04	2.51E-03	4.67E-04	2.19E-04	6.80E-05	4.09E-05	1.25E-05	1.19E-05	3.62E-06	2.80E-05	8.56E-06	1.42E-05	1.42E-05	2.25E-01	7.04E-02	7.00E-01	1.51E-01
2057 Gridded	2.30E-05	5.51E-06	4.55E-06	1.21E-06	2.88E-04	6.28E-05	2.94E-04	6.62E-05	2.95E-04	7.95E-05	6.85E-06	1.47E-06	1.15E-03	2.50E-04	1.24E-03	3.02E-04	1.98E-03	5.00E-04	2.89E-04	6.35E-05	5.42E-05	1.16E-05	1.57E-05	3.37E-06	3.71E-05	7.96E-06	1.44E-05	1.44E-05	3.03E-01	6.95E-02	8.65E-01	9.78E-02
2058 Gridded	1.94E-05	3.35E-06	3.90E-06	7.29E-07	2.57E-04	3.91E-05	2.57E-04	4.08E-05	2.54E-04	4.78E-05	6.16E-06	9.21E-07	1.03E-03	1.56E-04	1.03E-03	1.83E-04	1.49E-03	2.87E-04	2.57E-04	3.95E-05	4.88E-05	7.29E-06	1.41E-05	2.11E-06	3.34E-05	4.99E-06	8.46E-06	8.46E-06	2.19E-01	4.35E-02	6.20E-01	7.79E-02
2059 Gridded	2.75E-05	4.80E-06	5.47E-06	1.03E-06	3.67E-04	5.59E-05	3.67E-04	5.85E-05	3.60E-04	6.76E-05	8.80E-06	1.31E-06	1.47E-03	2.22E-04	1.47E-03	2.62E-04	2.27E-03	3.82E-04	3.67E-04	5.65E-05	6.97E-05	1.04E-05	2.02E-05	3.01E-06	4.77E-05	7.11E-06	1.16E-05	1.16E-05	2.81E-01	5.06E-02	7.23E-01	1.39E-01
2060 Gridded	2.80E-05	4.49E-06	5.64E-06	9.66E-07	3.73E-04	5.23E-05	3.73E-04	5.47E-05	3.71E-04	6.33E-05	8.96E-06	1.23E-06	1.49E-03	2.08E-04	1.49E-03	2.46E-04	2.41E-03	3.58E-04	3.73E-04	5.29E-05	7.09E-05	9.73E-06	2.05E-05	2.82E-06	4.85E-05	6.66E-06	1.09E-05	1.09E-05	3.05E-01	5.31E-02	7.71E-01	1.03E-01
2061 Gridded	2.42E-05	4.92E-06	4.91E-06	1.07E-06	3.22E-04	5.65E-05	3.22E-04	5.94E-05	3.19E-04	7.03E-05	7.73E-06	1.33E-06	1.29E-03	2.25E-04	1.30E-03	2.69E-04	2.21E-03	4.25E-04	3.22E-04	5.72E-05	6.12E-05	1.05E-05	1.77E-05	3.04E-06	4.19E-05	7.18E-06	1.25E-05	1.25E-05	3.38E-01	4.15E-02	7.73E-01	7.30E-02
2062 Gridded	3.34E-05	3.95E-06	6.38E-06	8.87E-07	4.32E-04	4.41E-05	4.36E-04	4.69E-05	4.09E-04	5.85E-05	1.03E-05	1.03E-06	1.73E-03	1.75E-04	1.80E-03	2.18E-04	2.44E-03	4.04E-04	4.33E-04	4.47E-05	8.16E-05	8.15E-06	2.36E-05	2.36E-06	5.59E-05	5.58E-06	1.11E-05	1.11E-05	4.17E-01	4.66E-02	9.28E-01	1.01E-01
2063 Gridded	3.00E-05	3.83E-06	5.73E-06	8.52E-07	4.00E-04	4.32E-05	4.00E-04	4.56E-05	3.73E-04	5.61E-05	9.61E-06	1.01E-06	1.60E-03	1.72E-04	1.60E-03	2.10E-04	1.75E-03	3.74E-04	4.00E-04	4.37E-05	7.61E-05	8.03E-06	2.20E-05	2.32E-06	5.21E-05	5.49E-06	1.04E-05	1.04E-05	3.48E-01	4.44E-02	7.85E-01	7.75E-02
2064 Gridded	3.52E-05	5.65E-06	6.42E-06	1.21E-06	4.69E-04	6.63E-05	4.69E-04	6.91E-05	4.08E-04	7.89E-05	1.13E-05	1.56E-06	1.88E-03	2.64E-04	1.88E-03	3.08E-04	2.59E-03	4.28E-04	4.69E-04	6.69E-05	8.91E-05	1.23E-05	2.58E-05	3.57E-06	6.10E-05	8.44E-06	1.34E-05	1.34E-05	3.20E-01	5.29E-02	9.24E-01	9.60E-02
2065 Gridded	3.12E-05	5.30E-06	6.78E-06	1.17E-06	3.60E-04	6.04E-05	3.78E-04	6.36E-05	4.44E-04	7.67E-05	8.46E-06	1.41E-06	1.43E-03	2.40E-04	1.71E-03	2.91E-04	2.64E-03	4.87E-04	3.64E-04	6.11E-05	6.69E-05	1.12E-05	1.94E-05	3.24E-06	4.58E-05	7.65E-06	1.39E-05	1.39E-05	2.95E-01	5.31E-02	7.91E-01	1.07E-01
2066 Gridded	2.44E-05	5.66E-06	5.05E-06	1.22E-06	3.08E-04	6.56E-05	3.13E-04	6.87E-05	3.29E-04	8.02E-05	7.34E-06	1.54E-06	1.23E-03	2.61E-04	1.32E-03	3.10E-04	1.73E-03	4.66E-04	3.09E-04	6.63E-05	5.81E-05	1.22E-05	1.68E-05	3.53E-06	3.98E-05	8.34E-06	1.40E-05	1.40E-05	4.23E-01	5.54E-02	9.35E-01	1.14E-01
2067 Gridded	3.36E-05	6.64E-06	6.82E-06	1.47E-06	4.12E-04	7.54E-05	4.23E-04	7.95E-05	4.42E-04	9.65E-05	9.76E-06	1.76E-06	1.64E-03	3.00E-04	1.82E-03	3.65E-04	3.15E-03	6.22E-04	4.14E-04	7.63E-05	7.73E-05	1.40E-05	2.24E-05	4.04E-06	5.29E-05	9.55E-06	1.76E-05	1.76E-05	3.17E-01	5.67E-02	8.22E-01	1.34E-01
2068 Gridded	3.16E-05	6.61E-06	6.93E-06	1.45E-06	3.61E-04	7.58E-05	3.80E-04	7.97E-05	4.56E-04	9.50E-05	8.45E-06	1.78E-06	1.44E-03	3.01E-04	1.73E-03	3.63E-04	2.85E-03	5.84E-04	3.65E-04	7.67E-05	6.69E-05	1.41E-05	1.94E-05	4.07E-06	4.58E-05	9.62E-06	1.70E-05	1.70E-05	2.71E-01	5.43E-02	6.07E-01	1.23E-01
2069 Gridded	4.18E-05	4.58E-06	8.37E-06	1.02E-06	5.18E-04	5.14E-05	5.30E-04	5.44E-05	5.41E-04	6.74E-05	1.23E-05	1.20E-06	2.07E-03	2.04E-04	2.26E-03	2.52E-04	2.09E-03	4.58E-04	5.21E-04	5.20E-05	9.73E-05	9.49E-06	2.82E-05	2.75E-06	6.66E-05	6.49E-06	1.26E-05	1.26E-05	1.94E-01	4.07E-02	4.23E-01	6.52E-02
2070 Gridded	2.59E-05	3.22E-06	5.38E-06	7.02E-07	3.12E-04	3.75E-05	3.23E-04	3.90E-05	3.50E-04	4.60E-05	7.38E-06	8.84E-07	1.24E-03	1.49E-04	1.41E-03	1.76E-04	1.78E-03	2.78E-04	3.15E-04	3.79E-05	5.84E-05	7.00E-06	1.69E-05	2.03E-06	4.00E-05	4.79E-06	8.17E-06	8.17E-06	2.40E-01	4.26E-02	4.57E-01	8.05E-02
2071 Gridded	1.83E-05	4.01E-06	3.97E-06	8.72E-07	2.11E-04	4.62E-05	2.21E-04	4.85E-05	2.61E-04	5.72E-05	4.95E-06	1.08E-06	8.39E-04	1.84E-04	1.00E-03	2.20E-04	1.63E-03	3.52E-04	2.13E-04	4.67E-05	3.92E-05	8.58E-06	1.13E-05	2.48E-06	2.68E-05	5.87E-06	1.01E-05	1.01E-05	3.14E-01	3.94E-02	1.12E+00	7.42E-02
2072 Gridded	2.21E-05	3.23E-06	4.91E-06	7.05E-07	2.48E-04	3.70E-05	2.63E-04	3.89E-05	3.23E-04	4.63E-05	5.80E-06	8.67E-07	9.86E-04	1.47E-04	1.21E-03	1.77E-04	2.16E-03	2.91E-04	2.51E-04	3.74E-05	4.59E-05	6.86E-06	1.33E-05	1.99E-06	3.14E-05	4.69E-06	8.30E-06	8.30E-06	3.72E-01	4.22E-02	7.20E-01	7.67E-02
2073 Gridded	2.22E-05	3.23E-06	4.69E-06	6.94E-07	2.63E-04	3.76E-05	2.74E-04	3.93E-05	3.06E-04	4.54E-05	6.20E-06	8.84E-07	1.05E-03	1.50E-04	1.21E-03	1.76E-04	1.97E-03	2.67E-04	2.65E-04	3.80E-05	4.91E-05	7.00E-06	1.42E-05	2.03E-06	3.36E-05	4.79E-06	7.90E-06	7.90E-06	2.01E-01	3.59E-02	6.00E-01	6.12E-02

Scenario 1 Results

2074	Gridded	2.49E-05	3.92E-06	5.33E-06	8.47E-07	2.91E-04	4.55E-05	3.04E-04	4.76E-05	3.49E-04	5.55E-05	6.85E-06	1.07E-06	1.16E-03	1.81E-04	1.36E-03	2.14E-04	2.01E-03	3.22E-04	2.94E-04	4.59E-05	5.43E-05	8.45E-06	1.57E-05	2.45E-06	3.71E-05	5.78E-06	9.68E-06	9.68E-06	2.37E-01	3.78E-02	7.31E-01	6.24E-02
2075	Gridded	2.80E-05	5.28E-06	5.93E-06	1.14E-06	3.30E-04	6.12E-05	3.44E-04	6.41E-05	3.88E-04	7.48E-05	7.77E-06	1.44E-06	1.31E-03	2.43E-04	1.52E-03	2.89E-04	2.71E-03	4.34E-04	3.33E-04	6.18E-05	6.15E-05	1.14E-05	1.78E-05	3.29E-06	4.21E-05	7.78E-06	1.30E-05	1.30E-05	2.44E-01	3.74E-02	7.44E-01	8.02E-02
2076	Gridded	3.08E-05	4.71E-06	6.90E-06	1.02E-06	3.45E-04	5.43E-05	3.66E-04	5.70E-05	4.55E-04	6.70E-05	8.05E-06	1.27E-06	1.37E-03	2.16E-04	1.70E-03	2.58E-04	3.10E-03	3.97E-04	3.50E-04	5.49E-05	6.38E-05	1.01E-05	1.85E-05	2.92E-06	4.36E-05	6.90E-06	1.18E-05	1.18E-05	2.64E-01	4.31E-02	5.09E-01	7.15E-02
2077	Gridded	3.33E-05	6.18E-06	7.25E-06	1.34E-06	3.83E-04	7.12E-05	4.02E-04	7.47E-05	4.76E-04	8.82E-05	8.98E-06	1.67E-06	1.52E-03	2.83E-04	1.82E-03	3.38E-04	2.87E-03	5.29E-04	3.87E-04	7.19E-05	7.11E-05	1.32E-05	2.06E-05	3.82E-06	4.87E-05	9.04E-06	1.56E-05	1.56E-05	2.51E-01	3.79E-02	6.80E-01	6.54E-02
2078	Gridded	2.97E-05	4.50E-06	6.48E-06	9.77E-07	3.40E-04	5.20E-05	3.58E-04	5.45E-05	4.26E-04	6.41E-05	7.97E-06	1.22E-06	1.35E-03	2.07E-04	1.63E-03	2.46E-04	2.61E-03	3.80E-04	3.44E-04	5.25E-05	6.31E-05	9.65E-06	1.83E-05	2.79E-06	4.32E-05	6.60E-06	1.13E-05	1.13E-05	2.78E-01	3.76E-02	6.97E-01	7.75E-02
2079	Gridded	3.21E-05	4.27E-06	6.63E-06	9.29E-07	4.22E-04	4.91E-05	4.24E-04	5.15E-05	4.34E-04	6.10E-05	1.01E-05	1.15E-06	1.69E-03	1.95E-04	1.72E-03	2.34E-04	2.71E-03	3.68E-04	4.22E-04	4.96E-05	8.00E-05	9.11E-06	2.32E-05	2.64E-06	5.47E-05	6.23E-06	1.08E-05	1.08E-05	2.69E-01	4.78E-02	6.88E-01	8.38E-02
2080	Gridded	4.01E-05	4.78E-06	7.77E-06	1.03E-06	5.11E-04	5.57E-05	5.18E-04	5.83E-05	5.00E-04	6.73E-05	1.22E-05	1.31E-06	2.04E-03	2.22E-04	2.16E-03	2.61E-04	2.78E-03	3.79E-04	5.12E-04	5.63E-05	9.64E-05	1.04E-05	2.79E-05	3.00E-06	6.60E-05	7.09E-06	1.16E-05	1.16E-05	2.66E-01	4.53E-02	4.75E-01	8.09E-02
2081	Gridded	3.85E-05	3.92E-06	7.76E-06	8.20E-07	4.74E-04	4.68E-05	4.86E-04	4.85E-05	5.03E-04	5.35E-05	1.13E-05	1.10E-06	1.89E-03	1.87E-04	2.08E-03	2.13E-04	2.97E-03	2.66E-04	4.77E-04	4.72E-05	8.91E-05	8.75E-06	2.58E-05	2.53E-06	6.09E-05	5.99E-06	8.62E-06	8.62E-06	2.71E-01	3.36E-02	4.86E-01	5.80E-02
2082	Gridded	4.86E-05	3.73E-06	9.95E-06	7.85E-07	5.92E-04	4.42E-05	6.10E-04	4.60E-05	6.46E-04	5.12E-05	1.40E-05	1.04E-06	2.36E-03	1.76E-04	2.64E-03	2.03E-04	2.94E-03	2.87E-04	5.96E-04	4.46E-05	1.11E-04	8.25E-06	3.21E-05	2.39E-06	7.59E-05	5.65E-06	8.50E-06	8.50E-06	2.89E-01	3.22E-02	4.95E-01	6.18E-02
2083	Gridded	6.06E-05	5.01E-06	1.25E-05	1.10E-06	7.32E-04	5.73E-05	7.56E-04	6.03E-05	8.15E-04	7.23E-05	1.73E-05	1.34E-06	2.92E-03	2.28E-04	3.29E-03	2.75E-04	3.60E-03	4.52E-04	7.38E-04	5.79E-05	1.37E-04	1.06E-05	3.97E-05	3.07E-06	9.38E-05	7.26E-06	1.30E-05	1.30E-05	5.11E-01	3.75E-02	8.28E-01	7.00E-02
2084	Gridded	5.41E-05	7.58E-06	1.17E-05	1.68E-06	6.27E-04	8.57E-05	6.56E-04	9.06E-05	7.66E-04	1.11E-04	1.47E-05	2.00E-06	2.49E-03	3.41E-04	2.96E-03	4.17E-04	4.44E-03	7.27E-04	6.33E-04	8.68E-05	1.16E-04	1.59E-05	3.37E-05	4.59E-06	7.97E-05	1.09E-05	2.04E-05	2.04E-05	4.16E-01	3.74E-02	8.27E-01	6.61E-02
2085	Gridded	4.00E-05	7.04E-06	8.47E-06	1.51E-06	4.73E-04	8.22E-05	4.92E-04	8.59E-05	5.53E-04	9.88E-05	1.11E-05	1.93E-06	1.88E-03	3.27E-04	2.18E-03	3.85E-04	2.86E-03	5.50E-04	4.77E-04	8.30E-05	8.82E-05	1.53E-05	2.55E-05	4.43E-06	6.04E-05	1.05E-05	1.69E-05	1.69E-05	3.20E-01	5.52E-02	5.98E-01	8.95E-02
2086	Gridded	3.70E-05	6.40E-06	7.87E-06	1.33E-06	4.57E-04	7.69E-05	4.69E-04	7.95E-05	5.15E-04	8.68E-05	1.08E-05	1.81E-06	1.82E-03	3.06E-04	2.02E-03	3.48E-04	2.76E-03	4.03E-04	4.60E-04	7.74E-05	8.58E-05	1.44E-05	2.49E-05	4.16E-06	5.87E-05	9.83E-06	1.38E-05	1.38E-05	3.43E-01	5.78E-02	6.36E-01	1.06E-01
2087	Gridded	1.89E-05	2.97E-06	3.89E-06	6.14E-07	2.30E-04	3.58E-05	2.37E-04	3.70E-05	2.52E-04	3.99E-05	5.45E-06	8.46E-07	9.19E-04	1.43E-04	1.03E-03	1.61E-04	1.27E-03	2.04E-04	2.32E-04	3.60E-05	4.32E-05	6.70E-06	1.25E-05	1.94E-06	2.95E-05	4.58E-06	6.25E-06	6.25E-06	1.94E-01	2.66E-02	3.87E-01	5.29E-02
2088	Gridded	1.14E-05	2.19E-06	2.46E-06	4.80E-07	1.35E-04	2.51E-05	1.40E-04	2.64E-05	1.62E-04	3.16E-05	3.17E-06	5.88E-07	5.36E-04	9.98E-05	6.20E-04	1.20E-04	1.28E-03	1.96E-04	1.36E-04	2.54E-05	2.51E-05	4.66E-06	7.27E-06	1.35E-06	1.72E-05	3.19E-06	5.67E-06	5.67E-06	1.35E-01	1.96E-02	2.57E-01	3.67E-02
2089	Gridded	1.18E-05	2.25E-06	2.55E-06	4.94E-07	1.43E-04	2.57E-05	1.47E-04	2.71E-05	1.68E-04	3.25E-05	3.38E-06	6.03E-07	5.70E-04	1.02E-04	6.39E-04	1.24E-04	1.26E-03	2.02E-04	1.44E-04	2.60E-05	2.68E-05	4.77E-06	7.75E-06	1.38E-06	1.83E-05	3.27E-06	5.85E-06	5.85E-06	1.55E-01	1.97E-02	2.98E-01	3.69E-02
2090	Gridded	1.43E-05	2.14E-06	3.05E-06	4.70E-07	1.68E-04	2.45E-05	1.75E-04	2.58E-05	2.00E-04	3.09E-05	3.94E-06	5.73E-07	6.67E-04	9.73E-05	7.80E-04	1.18E-04	1.16E-03	1.94E-04	1.69E-04	2.48E-05	3.12E-05	4.54E-06	9.03E-06	1.31E-06	2.13E-05	3.10E-06	5.58E-06	5.58E-06	1.51E-01	1.72E-02	2.93E-01	2.89E-02
2091	Gridded	1.97E-05	1.99E-06	4.15E-06	4.37E-07	2.33E-04	2.27E-05	2.42E-04	2.39E-05	2.71E-04	2.87E-05	5.49E-06	5.32E-07	9.27E-04	9.04E-05	1.07E-03	1.09E-04	1.38E-03	1.81E-04	2.35E-04	2.30E-05	4.34E-05	4.21E-06	1.26E-05	1.22E-06	2.97E-05	2.88E-06	5.20E-06	5.20E-06	1.73E-01	2.19E-02	3.80E-01	4.02E-02
2092	Gridded	2.89E-05	5.14E-06	6.24E-06	1.11E-06	3.36E-04	5.99E-05	3.52E-04	6.26E-05	4.09E-04	7.25E-05	7.90E-06	1.41E-06	1.34E-03	2.38E-04	1.58E-03	2.81E-04	2.34E-03	4.25E-04	3.40E-04	6.05E-05	6.25E-05	1.11E-05	1.81E-05	3.22E-06	4.28E-05	7.62E-06	1.25E-05	1.25E-05	2.06E-01	4.22E-02	6.06E-01	8.64E-02
2093	Gridded	2.54E-05	4.39E-06	5.43E-06	9.34E-07	3.01E-04	5.16E-05	3.13E-04	5.38E-05	3.56E-04	6.11E-05	7.11E-06	1.22E-06	1.20E-03	2.06E-04	1.38E-03	2.40E-04	2.16E-03	3.85E-04	3.04E-04	5.21E-05	5.63E-05	9.62E-06	1.63E-05	2.79E-06	3.85E-05	6.58E-06	1.08E-05	1.08E-05	2.26E-01	3.69E-02	5.22E-01	7.64E-02
2094	Gridded	3.04E-05	5.69E-06	6.68E-06	1.25E-06	3.47E-04	6.48E-05	3.66E-04	6.83E-05	4.39E-04	8.21E-05	8.13E-06	1.52E-06	1.38E-03	2.58E-04	1.67E-03	3.12E-04	3.13E-03	5.18E-04	3.51E-04	6.56E-05	6.44E-05	1.20E-05	1.86E-05	3.48E-06	4.40E-05	8.22E-06	1.49E-05	1.49E-05	2.28E-01	4.37E-02	5.88E-01	9.37E-02
2095	Gridded	3.95E-05	6.53E-06	8.58E-06	1.42E-06	4.56E-04	7.54E-05	4.79E-04	7.91E-05	5.63E-04	9.30E-05	1.07E-05	1.77E-06	1.82E-03	3.00E-04	2.16E-03	3.57E-04	3.64E-03	5.52E-04	4.61E-04	7.62E-05	8.48E-05	1.40E-05	2.45E-05	4.05E-06	5.80E-05	9.58E-06	1.64E-05	1.64E-05	2.59E-01	5.15E-02	6.07E-01	1.06E-01
2096	Gridded	3.77E-05	5.19E-06	8.17E-06	1.11E-06	4.36E-04	6.04E-05	4.57E-04	6.32E-05	5.36E-04	7.30E-05	1.02E-05	1.42E-06	1.73E-03	2.41E-04	2.06E-03	2.83E-04	5.17E-03	4.12E-04	4.40E-04	6.10E-05	8.09E-05	1.12E-05	2.34E-05	3.25E-06	5.54E-05	7.69E-06	1.26E-05	1.26E-05	2.75E-01	5.60E-02	7.31E-01	1.38E-01
2097	Gridded	5.77E-05	6.99E-06	1.27E-05	1.55E-06	6.59E-04	7.89E-05	6.94E-04	8.35E-05	8.32E-04	1.02E-04	1.54E-05	1.85E-06	2.62E-03	3.14E-04	3.16E-03	3.84E-04	5.19E-03	6.71E-04	6.67E-04	7.99E-05	1.22E-04	1.46E-05	3.54E-05	4.23E-06	8.36E-05	1.00E-05	1.88E-05	1.88E-05	3.54E-01	6.35E-02	7.25E-01	1.45E-01
2098	Gridded	4.23E-05	9.52E-06	8.99E-06	2.05E-06	4.97E-04	1.11E-04	5.18E-04	1.16E-04	5.88E-04	1.34E-04	1.17E-05	2.61E-06	1.98E-03	4.41E-04	2.31E-03	5.20E-04	3.63E-03	7.59E-04	5.02E-04	1.12E-04	9.27E-05	2.06E-05	2.68E-05	5.97E-06	6.34E-05	1.41E-05	2.31E-05	2.31E-05	3.05E-01	6.26E-02	7.34E-01	9.94E-02
2099	Gridded	4.90E-05	8.01E-06	1.07E-05	1.74E-06	5.62E-04	9.27E-05	5.91E-04	9.69E-05	7.04E-04	1.14E-04	1.32E-05	2.19E-06	2.23E-03	3.69E-04	2.69E-03	4.38E-04	5.22E-03	8.81E-04	5.68E-04	9.35E-05	1.04E-04	1.73E-05	3.02E-05	5.01E-06	7.13E-05	1.18E-05	2.01E-05	2.01E-05	3.08E-01	5.45E-02	8.84E-01	1.10E-01
2100	Gridded	3.41E-05	7.43E-06	7.27E-06	1.58E-06	4.00E-04	8.75E-05	4.17E-04	9.11E-05	4.75E-04	1.03E-04	9.45E-06	2.06E-06	1.59E-03	3.48E-04	1.86E-03	4.05E-04	4.38E-03	6.13E-04	4.04E-04	8.83E-05	7.48E-05	1.63E-05	2.17E-05	4.72E-06	5.12E-05	1.12E-05	1.73E-05	1.73E-05	3.09E-01	5.55E-02	7.13E-01	1.15E-01
2101	Gridded	2.93E-05	5.40E-06	6.36E-06	1.15E-06	3.37E-04	6.35E-05	3.54E-04	6.62E-05	4.17E-04	7.53E-05	7.91E-06	1.49E-06	1.34E-03	2.53E-04	1.60E-03	2.95E-04	3.43E-03	5.48E-04	3.41E-04	6.41E-05	6.26E-05	1.18E-05	1.81E-05	3.42E-06	4.28E-05	8.09E-06	1.44E-05	1.44E-05	2.56E-01	7.10E-02	6.21E-01	1.59E-01
2102	Gridded	4.16E-05	8.97E-06	8.44E-06	1.94E-06	5.45E-04	1.04E-04	5.48E-04	1.09E-04	5.54E-04	1.28E-04	1.31E-05	2.43E-06	2.18E-03	4.13E-04	2.22E-03	4.91E-04	3.41E-03	7.50E-04	5.46E-04	1.05E-04	1.03E-04	1.93E-05	2.99E-05	5.58E-06	7.07E-05	1.32E-05	2.24E-05	2.24E-05	3.06E-01	9.43E-02	7.00E-01	1.74E-01
2103	Gridded	6.12E-05	8.51E-06	1.12E-05	1.84E-06	8.16E-04	9.85E-05	8.16E-04	1.03E-04	7.11E-04	1.21E-04	1.96E-05	2.32E-06	3.26E-03	3.92E-04	3.27E-03	4.66E-04	3.59E-03	7.07E-04	8.16E-04	9.96E-05	1.55E-04	1.84E-05	4.49E-05	5.32E-06	1.06E-04	1.26E-05	2.11E-05	2.11E-05	4.19E-01	9.65E-02	9.25E-01	1.69E-01
2104	Gridded	3.22E-05	8.58E-06	6.77E-06	1.87E-06	4.15E-04	9.87E-05	4.19E-04	1.04E-04	4.43E-04	1.23E-04	9.91E-06	2.31E-06	1.66E-03	3.93E-04	1.73E-03	4.70E-04	4.36E-03	7.42E-04	4.16E-04	9.98E-05	7.85E-05	1.83E-05	2.27E-05	5.30E-06	5.37E-05	1.25E-05	2.18E-05	2.18E-05	4.21E-01	5.22E-02	8.90E-01	9.41E-02
2105	Gridded	4.28E-05	6.37E-06	8.45E-06	1.41E-06	5.39E-04	7.19E-05	5.49E-04	7.60E-05	5.45E-04	9.30E-05	1.28E-05	1.68E-06	2.15E-03	2.86E-04	2.31E-03	3.50E-04	4.42E-03	6.12E-04	5.41E-04	7.28E-05	1.01E-04	1.33E-05	2.94E-05	3.85E-06	6.94E-05	9.10E-06	1.72E-05	1.72E-05	2.61E-01	6.29E-02	9.59E-01	1.21E-01
2106	Gridded	2.25E-05	6.15E-06	4.78E-06	1.35E-06	2.74E-04	7.01E-05	2.82E-04	7.39E-05	3.20E-04	8.87E-05	6.47E-06	1.64E-06	1.09E-03	2.79E-04	1.22E-03	3.37E-04	3.09E-03	5.58E-04	2.75E-04	7.09E-05	5.13E-05	1.30E-05	1.48E-05	3.76E-06	3.51E-05	8.89E-06	1.60E-05	1.60E-05	2.72E-01	7.32E-02	7.70E-01	1.63E-01
2107	Gridded	1.81E-05	4.61E-06	3.68E-06	1.01E-06	2.22E-04	5.38E-05	2.28E-04	5.58E-05	2.39E-04	6.60E-05	5.25E-06	1.27E-06	8.84E-04	2.14E-04	9.80E-04	2.53E-04	1.44E-03	4.01E-04	2.23E-04	5.42E-05	4.16E-05	1.01E-05	1.20E-05	2.91E-06	2.84E-05	6.88E-06	1.17E-05	1.17E-05	2.26E-01	5.54E-02	5.52E-01	8.91E-02
2108	Gridded	1.95E-05	3.71E-06	4.32E-06	8.29E-07	2.52E-04	4.16E-05	2.52E-04	4.41E-05	2.84E-04	5.47E-05	6.04E-06	9.71E-07	1.01E-03	1.65E-04	1.07E-03	2.04E-04	1.85E-03	3.71E-04	2.52E-04	4.22E-05	4.78E-05	7.69E-06	1.39E-05	2.23E-06	3.27E-05	5.26E-06	1.02E-05	1.02E-05	2.74E-01	4.74E-02	7.56E-01	8.27E-02
2109	Gridded	2.23E-05	3.96E-06	4.56E-06	8.48E-07	2.75E-04	4.63E-05	2.79E-04	4.83E-05	2.96E-04	5.55E-05	6.56E-06	1.09E-06	1.10E-03	1.84E-04	1.21E-03	2.16E-04	1.66E-03	3.07E-04	2.75E-04	4.67E-05	5.20E-05	8.62E-06	1.50E-05	2.49E-06	3.56E-05	5.90E-06	9.48E-06	9.48E-06	2.20E-01	4.83E-02	5.96E-01	1.19E-01
2110	Gridded	2.61E-05	3.97E-06	5.22E-06	8.61E-07	3.25E-04	4.59E-05	3.32E-04	4.81E-05	3.37E-04	5.65E-05	7.71E-06	1.08E-06	1.30E-03	1.83E-04	1.41E-03	2.17E-04	2.08E-03	3.33E-04	3.26E-04	4.64E-05	6.11E-05	8.52E-06	1.77E-05	2.47E-06	4.18E-05	5.83E-06	9.92E-06	9.92E-06	2.15E-01	3.90E-02	5.85E-01	8.87E-02
2111	Gridded	2.36E-05	4.75E-06	5.32E-06	1.03E-06	3.13E-04	5.46E-05	3.13E-04	5.73E-05	3.51E-04	6.79E-05	7.50E-06	1.28E-06	1.25E-03	2.17E-04	1.30E-03	2.60E-04	2.46E-03	4.11E-04	3.13E-04	5.52E-05	5.94E-05	1.01E-05	1.72E-05	2.93E-06	4.06E-05	6.93E-06	1.21E-05	1.21E-05	3.18E-01	4.69E-02	6.84E-01	7.32E-02
2112	Gridded	3.66E-05	4.72E-06	7.82E-06	1.04E-06	4.28E-04	5.38E-05	4.47E-04	5.67E-05	5.12E-04	6.83E-05	1.01E-05	1.26E-06	1.70E-03	2.14E-04	2.00E-03	2.59E-04	2.81E-03	4.31E-04	4.32E-04	5.45E-05	7.97E-05	9.98E-06	2.31E-05	2.89E-06	5.45E-05	6.83E-06	1.24E-05	1.24E-05	3.63E-01	4.26E-02	8.09E-01	7.74E-02
2113	Gridded	4.32E-05	3.75E-06	9.05E-06	8.15E-07	5.16E-04	4.32E-05	5.35E-04	4.53E-05	5.90E-04	5.35E-05	1.22E-05	1.01E-06	2.06E-03	1.72E-04	2.35E-03	2.05E-04	2.84E-03	3.71E-04	5.21E-04	4.37E-05	9.64E-05	8.02E-06	2.79E-05	2.32E-06	6.60E-05	5.49E-06	1.01E-05	1.01E-05	4.19E-01	5.25E-02	9.62E-01	1.03E-01
2114	Gridded	3.59E-05	4.84E-06	7.11E-06	1.06E-06	4.79E-04	5.56E-05	4.79E-04	5.84E-05	4.64E-04	6.94E-05	1.15E-05	1.30E-06	1.92E-03	2.21E-04	1.92E-03	2.65E-04	2.54E-03	4.23E-04	4.79E-04	5.62E-05	9.11E-05	1.03E-05	2.64E-05	2.99E-06	6.23E-05	7.06E-06	1.24E-05	1.24E-05	4.14E-01	4.05E-02	7.38E-01	6.99E-02
2115	Gridded	3.49E-05	5.52E-06	6.38E-06	1.19E-06	4.65E-04	6.44E-05	4.65E-04	6.74E-05	4.05E-04	7.77E-05	1.12E-05	1.51E-06	1.86E-03	2.56E-04	1.86E-03	3.02E-04	2.48E-03	4.35E-04	4.65E-04	6.51E-05	8.84E-05	1.20E-05	2.56E-05	3.47E-06	6.05E-05	8.20E-06	1.33E-05	1.33E-05	2.81E-01	5.20E-02	8.20E-01	9.39E-02
2116	Gridded	3.00E-05	4.89E-06	6.26E-06	1.08E-06	3.99E-04	5.56E-05	3.99E-04	5.86E-05	4.10E-04	7.09E-05	9.59E-06	1.30E-06	1.60E-03	2.21E-04	1.60E-03	2.68E-04	2.37E-03	4.53E-04	3.99E-04	5.63E-05	7.59E-05	1.03E-05	2.20E-05	2.98E-06	5.19E-05	7.05E-06	1.29E-05	1.29E-05	2.71E-01	5.60E-02	7.22E-01	1.13E-01
2117	Gridded	2.22E-05	5.36E-06	4.58E-06	1.16E-06	2.88E-04	6.21E-05	2.88E-04	6.51E-05	2.98E-04	7.61E-05	6.91E-06	1.46E-06	1.15E-03	2.47E-04	1.21E-03	2.94E-04	2.03E-03	4.46E-04	2.88E-04	6.27E-05	5.47E-05	1.15E-05	1.58E-05	3.34E-06	3.74E-05	7.89E-06	1.33E-05	1.33E-05	3.84E-01	5.02E-02	8.59E-01	1.04E-01
2118	Gridded	3.07E-05	6.12E-06	6.62E-06	1.35E-06	3.74E-04	6.95E-05	3.85E-04	7.33E-05	4.38E-04	8.87E-05	8.86E-06	1.63E-06	1.49E-03	2.76E-04	1.66E-03	3.36E-04	3.26E-03	5.68E-04	3.77E-04	7.04E-05	7.02E-05	1.29E-05	2.03E-05	3.73E-06	4.80E-05	8.81E-06	1.62E-05	1.62E-05	2.74E-01	5.24E-02	6.62E-01	1.20E-01
2119	Gridded	3.75E-05	7.08E-06	7.74E-06	1.54E-06	4.54E-04	8.13E-05	4.69E-04	8.54E-05	5.03E-04	1.01E-04	1.07E-05	1.91E-06	1.81E-03	3.23E-04	2.04E-03	3.88E-04	2.81E-03	6.17E-04	4.57E-04	8.22E-05	8.50E-05	1.51E-05	2.46E-05	4.37E-06	5.82E-05	1.03E-05	1.81E-05	1.81E-05	2.82E-01	5.95E-02	7.02E-01	1.24E-01
2120	Gridded	5.28E-05	6.05E-06	1.07E-05	1.29E-06	6.51E-04	7.11E-05	6.68E-04	7.41E-05	6.92E-04	8.42E-05	1.54E-05	1.67E-06	2.60E-03	2.83E-04	2.86E-03	3.30E-04	2.56E-03	4.65E-04	6.55E-04	7.18E-05	1.22E-04	1.32E-05	3.54E-05	3.83E-06	8.36E-05	9.06E-06	1.42E-05	1.42E-05	2.22E-01	5.13E-02	4.66E-01	8.00E-02
2121	Gridded	3.17E-05	4.91E-06	6.49E-06	1.05E-06	3.87E-04	5.76E-05	3.98E-04	6.01E-05	4.21E-04	6.84E-05	9.16E-06	1.36E-06	1.54E-03	2.29E-04	1.72E-03	2.68E-04	2.11E-03	3.69E-04	3.89E-04	5.81E-05	7.25E-05	1.07E-05	2.10E-05	3.11E-06	4.96E-05	7.34E-06	1.16E-05	1.16E-05	2.14E-01	4.95E-02	4.46E-01	9.85E-02
2122	Gridded	2.67E-05	3.94E-06	5.44E-06	8.51E-07	3.26E-04	4.56E-05	3.36E-04	4.78E-05	3.53E-04	5.58E-05	7.73E-06	1.07E-06	1.30E-03	1.81E-04	1.45E-03	2.15E-04	1.58E-03	3.54E-04	3.28E-04	4.61E-05	6.12E-05	8.47E-06	1.77E-05	2.45E-06	4.19E-05	5.80E-06	1.01E-05	1.01E-05	3.31E-01	4.34E-02	7.89E-01	6.57E-02
2123	Gridded	2.25E-05	3.81E-06	4.84E-06	8.36E-07	2.63E-04	4.35E-05	2.75E-04	4.58E-05	3.17E-04	5.50E-05	6.19E-06	1.02E-06	1.05E-03	1.73E-04	1.23E-03	2.09E-04	1.96E-03	3.44E-04	2.66E-04	4.40E-05	4.90E-05	8.06E-06	1.42E-05	2.33E-06	3.35E-05	5.52E-06	9.92E-06	9.92E-06	4.16E-01	4.30E-02	1.21E+00	9.40E-02
2124	Gridded	2.36E-05	3.18E-06	4.81E-06	6.81E-07	2.89E-04	3.71E-05	2.97E-04	3.88E-05	3.12E-04	4.46E-05	6.86E-06	8.72E-07	1.15E-03	1.48E-04	1.28E-03	1.74E-04	1.94E-03	2.57E-04	2.91E-04	3.75E-05	5.43E-05	6.91E-06	1.57E-05	2.00E-06	3.71E-05	4.73E-06	7.63E-06	7.63E-06	2.40E-01	3.73E-02	4.77E-01	6.15E-02
2125	Gridded	2.29E-05	3.56E-06	4.88E-06	7.78E-07	2.75E-04	4.09E-05	2.85E-04	4.30E-05	3.20E-04	5.11E-05	6.49E-06	9.58E-07	1.09E-03	1.63E-04	1.25E-03	1.95E-04	1.92E-03	3.13E-04	2.77E-04	4.13E-05	5.14E-05	7.58E-06	1.49E-05	2.19E-06	3.51E-05	5.19E-06	9.13E-06	9.13E-06	2.16E-01	3.36E-02	6.67E-01	5.85E-02
2126	Gridded	2.86E-05	4.78E-06	6.11E-06	1.04E-06	3.35E-04	5.53E-05	3.50E-04	5.80E-05	3.99E-04	6.79E-05	7.89E-06	1.30E-06	1.33E-03	2.20E-04	1.56E-03	2.62E-04	2.29E-03	3.97E-04	3.39E-04	5.59E-05	6.24E-05	1.03E-05	1.81E-05	2.98E-06	4.27E-05	7.03E-06	1.19E-05	1.19E-05	2.63E-01	3.52E-02	6.96E-01	7.95E-02
2127	Gridded	3.06E-05	4.85E-06	6.85E-06	1.05E-06	3.42E-04	5.60E-05	3.63E-04	5.88E-05	4.52E-04	6.91E-05	7.97E-06	1.31E-06	1.36E-03	2.23E-04	1.68E-03	2.66E-04	3.11E-03	4.28E-04	3.46E-04	5.66E-05	6.31E-05	1.04E-05	1.83E-05	3.01E-06	4.32E-05	7.12E-06	1.23E-05	1.23E-05	2.62E-01	3.90E-02	6.58E-01	7.62E-02
2128	Gridded	3.21E-05	5.40E-06	7.14E-06	1.18E-06	3.61E-04	6.20E-05	3.82E-04	6.52E-05	4.71E-04	7.75E-05	8.43E-06	1.45E-06	1.43E-03	2.46E-04	1.76E-03	2.96E-04	3.15E-03	4.74E-04	3.66E-04	6.27E-05	6.67E-05	1.15E-05	1.93E-05	3.33E-06	4.56E-05	7.87E-06	1.38E-05	1.38E-05	2.40E-01	4.10E-02	5.09E-01	6.55E-02
2129	Gridded	3.03E-05	5.94E-06	6.64E-06	1.30E-06	3.58E-04	6.82E-05	3.69E-04	7.17E-05	4.37E-04	8.51E-05	8.47E-06	1.60E-06	1.43E-03	2.71E-04	1.66E-03	3.25E-04	2.73E-03	5.20E-04	3.60E-04	6.89E-05	6.71E-05	1.26E-05	1.94E-05	3.66E-06	4.59E-05	8.65E-06	1.52E-05	1.52E-05	2.40E-01	3.56E-02	6.46E-01	6.43E-02
2130	Gridded	2.97E-05	4.41E-06	6.53E-06	9.46E-07	3.54E-04	5.14E-05	3.66E-04	5.38E-05	4.29E-04	6.20E-05	8.37E-06	1.21E-06	1.41E-03	2.05E-04	1.63E-03	2.41E-04	2.70E-03	3.69E-04	3.57E-04	5.20E-05	6.63E-05	9.57E-06	1.92E-05	2.77E-06	4.53E-05	6.55E-06	1.09E-05	1.09E-05	2.75E-01	3.77E-02	6.38E-01	6.96E-02
2131	Gridded	3.18E-05	4.30E-06	6.26E-06	9.37E-07	4.18E-04	4.94E-05	4.20E-04	5.19E-05	4.10E-04	6.15E-05	1.00E-05	1.16E-06	1.67E-03	1.97E-04	1.70E-03	2.35E-04	2.48E-03	3.72E-04	4.18E-04	5.00E-05	7.92E-05	9.17E-06	2.29E-05	2.66E-06	5.42E-05	6.28E-06	1.09E-05	1.09E-05	2.49E-01	4.53E-02	5.97E-01	7.92E-02
2132	Gridded	3.78E-05	4.59E-06	7.27E-06	9.87E-07	4.85E-04	5.35E-05	4.91E-04	5.59E-05	4.66E-04	6.47E-05	1.16E-05	1.26E-06	1.94E-03	2.13E-04	2.03E-03	2.51E-04	2.42E-03	3.66E-04	4.87E-04	5.40E-05	9.17E-05	9.95E-06	2.65E-05	2.88E-06	6.28E-05	6.81E-06	1.12E-05	1.12E-05	2.44E-01	4.19E-02	4.33E-01	7.45E-02
2133	Gridded	4.19E-05	4.21E-06	8.38E-06	8.81E-07	5.20E-04	5.03E-05	5.32E-04	5.22E-05	5.42E-04	5.74E-05	1.23E-05	1.19E-06	2.07E-03	2.01E-04	2.26E-03	2.29E-04	2.54E-03	2.75E-04	5.22E-04	5.07E-05	9.77E-05	9.40E-06	2.83E-05	2.72E-06	6.68E-05	6.43E-06	9.24E-06	9.24E-06	2.70E-01	3.40E-02	4.61E-01	5.98E-02
2134	Gridded	5.36E-05	4.14E-06	1.10E-05	8.72E-07	6.50E-04	4.91E-05	6.71E-04	5.10E-05	7.17E-04	5.69E-05	1.54E-05	1.16E-06	2.59E-03	1.96E-04	2.91E-03	2.25E-04	3.17E-03	2.94E-04	6.55E-04	4.95E-05	1.22E-04	9.16E-06	3.53E-05	2.65E-06	8.33E-05	6.27E-06	9.36E-06	9.36E-06	3.11E-01	3.24E-02	5.06E-01	5.94E-02
2135	Gridded	4.87E-05	3.48E-06	9.83E-06	7.52E-07	6.01E-04	4.04E-05	6.16E-04	4.23E-05	6.37E-04	4.93E-05	1.42E-05	9.49E-07	2.40E-03	1.61E-04	2.64E-03	1.90E-04	2.65E-03	2.84E-04	6.04E-04	4.08E-05	1.13E-04	7.52E-06	3.27E-05	2.18E-06	7.72E-05	5.14E-06	8.57E-06	8.57E-06	4.54E-01	3.28E-02	7.50E-01	6.12E-02
2136	Gridded	4.45E-05	4.66E-06	9.32E-06	1.03E-06	5.31E-04	5.27E-05	5.51E-04	5.57E-05	6.08E-04	6.79E-05	1.25E-05	1.23E-06	2.12E-03	2.09E-04	2.42E-03	2.56E-04	2.94E-03	4.45E-04	5.36E-04	5.33E-05	9.92E-05	9.75E-06	2.87E-05	2.82E-06	6.79E-05	6.67E-06	1.25E-05	1.25E-05	3.69E-01	3.01E-02	6.93E-01	5.43E-02
2137	Gridded	4.24E-05	7.29E-06	9.19E-06	1.60E-06	5.07E-04	8.30E-05	5.25E-04	8.75E-05	6.03E-04	1.05E-04	1.20E-05	1.94E-06	2.02E-03	3.30E-04	2.32E-03	4.00E-04	3.55E-03	6.68E-04	5.10E-04	8.40E-05	9.47E-05	1.54E-05	2.74E-05	4.45E-06	6.48E-05	1.05E-05	1.91E-05	1.91E-05	3.68E-01	5.15E-02	7.05E-01	8.20E-02
2138	Gridded	3.76E-05	6.42E-06	7.82E-06	1.36E-06	4.51E-04	7.57E-05	4.67E-04	7.88E-05	5.09E-04	8.90E-05	1.06E-05	1.78E-06	1.80E-03	3.01E-04	2.04E-03	3.50E-04	2.39E-03	4.67E-04	4.54E-04	7.64E-05	8.42E-05	1.41E-05	2.44E-05	4.08E-06	5.76E-05	9.66E-06	1.49E-05	1.49E-05	3.07E-01	5.22E-02	5.65E-01	9.28E-02
2139	Gridded	1.58E-05	2.89E-06	3.24E-06	5.98E-07	1.97E-04	3.48E-05	2.02E-04	3.60E-05	2.10E-04	3.89E-05	4.69E-06	8.23E-07	7.88E-04	1.39E-04	8.52E-04	1.57E-04	1.29E-03	1.98E-04	1.98E-04	3.51E-05	3.72E-05	6.52E-06	1.08E-05	1.89E-06	2.54E-05	4.46E-06	6.09E-06	6.09E-06	1.58E-01	2.27E-02	2.91E-01	4.40E-02
2140	Gridded	1.16E-05	2.18E-06	2.34E-06	4.50E-07	1.42E-04	2.63E-05	1.46E-04	2.71E-05	1.53E-04	2.93E-05	3.38E-06	6.21E-07	5.68E-04	1.05E-04	6.26E-04	1.18E-04	1.29E-03	1.73E-04	1.43E-04	2.65E-05	2.67E-05	4.92E-06	7.74E-06	1.42E-06	1.83E-05	3.36E-06	5.00E-06	5.00E-06	1.48E-01	1.79E-02	2.66E-01	3.14E-02
2141	Gridded	1.19E-05	2.05E-06	2.53E-06	4.50E-07	1.40E-04	2.34E-05	1.46E-04	2.47E-05	1.65E-04	2.95E-05	3.29E-06	5.49E-07	5.56E-04	9.32E-05	6.48E-04	1.12E-04	1.19E-03	1.84E-04	1.41E-04	2.37E-05	2.60E-05	4.35E-06	7.54E-06	1.26E-06	1.78E-05	2.97E-06	5.32E-06	5.32E-06	1.42E-01	1.98E-02	2.70E-01	3.73E-02
2142	Gridded	1.48E-05	2.08E-06	3.09E-06	4.57E-07	1.78E-04	2.38E-05	1.84E-04	2.50E-05	2.01E-04	3.00E-05	4.20E-06	5.57E-07	7.09E-04	9.45E-05	8.06E-04	1.14E-04	1.12E-03	1.88E-04	1.79E-04	2.41E-05	3.33E-05	4.41E-06	9.63E-06	1.28E-06	2.28E-05	3.02E-06	5.42E-06	5.42E-06	1.73E-01	2.06E-02	3.29E-01	3.85E-02
2143	Gridded	2.07E-05	3.74E-06	4.47E-06	8.25E-07	2.41E-04	4.25E-05	2.52E-04	4.48E-05	2.93E-04	5.42E-05	5.65E-06	9.94E-07	9.57E-04	1.69E-04	1.13E-03	2.05E-04	2.03E-03	3.48E-04	2.43E-04	4.30E-05	4.47E-05	7.87E-06	1.29E-05	2.28E-06	3.06E-05	5.38E-06	9.90E-06	9.90E-06	1.88E-01	3.26E-02	4.67E-01	6.89E-02
2144	Gridded	2.98E-05	5.24E-06	6.49E-06	1.14E-06	3.43E-04	6.01E-05	3.60E-04	6.32E-05	4.26E-04	7.51E-05	8.05E-06	1.41E-06	1.37E-03	2.39E-04	1.63E-03	2.87E-04	2.96E-03	4.59E-04	3.47E-04	6.08E-05	6.37E-05	1.12E-05	1.84E-05	3.23E-06	4.36E-05	7.64E-06	1.34E-05	1.34E-05	2.07E-01	4.17E-02	4.76E-01	8.85E-02
2145	Gridded	3.53E-05	5.45E-06	7.62E-06	1.18E-06	4.10E-04	6.33E-05	4.29E-04	6.63E-05	5.00E-04	7.71E-05	9.63E-06	1.49E-06	1.63E-03	2.52E-04	1.93E-03	2.98E-04	3.65E-03	4.43E-04	4.14E-04	6.39E-05	7.62E-05	1.18E-05	2.21E-05	3.41E-06	5.22E-05	8.05E-06	1.34E-05	1.34E-05	2.33E-01	4.78E-02	5.81E-01	9.79E-02
2146	Gridded	3.31E-05	3.63E-06	7.26E-06	7.70E-07	3.78E-04	4.29E-05	3.98E-04	4.47E-05	4.77E-04	5.03E-05	8.84E-06	1.01E-06	1.50E-03	1.71E-04	1.81E-03	1.98E-04	3.61E-03	3.13E-04	3.82E-04	4.33E-05	7.00E-05	8.00E-06	2.03E-05	2.32E-06	4.79E-05	5.47E-06	8.45E-06	8.45E-06	2.75E-01	5.32E-02	6.83E-01	1.32E-01
2147	Gridded	4.43E-05	6.19E-06	9.65E-06	1.36E-06	5.09E-04	7.07E-05	5.34E-04	7.44E-05	6.34E-04	8.92E-05	1.19E-05	1.66E-06	2.02E-03	2.81E-04	2.43E-03	3.39E-04	3.85E-03	5.58E-04	5.14E-04	7.15E-05	9.44E-05	1.31E-05	2.73E-05	3.79E-06	6.46E-05	8.97E-06	1.61E-05	1.61E-05	3.20E-01	5.68E-02	6.67E-01	1.25E-01
2148	Gridded	3.15E-05	7.10E-06	6.90E-06	1.51E-06	3.65E-04	8.35E-05	3.79E-04	8.70E-05	4.53E-04	9.88E-05	8.61E-06	1.97E-06	1.45E-03	3.32E-04	1.73E-03	3.87E-04	2.88E-03	5.28E-04	3.68E-04	8.43E-05	6.82E-05	1.56E-05	1.97E-05	4.50E-06	4.66E-05	1.06E-05	1.66E-05	1.66E-05	2.35E-01	5.44E-02	6.82E-01	7.99E-02
2149	Gridded	3.23E-05	5.82E-06	7.02E-06	1.26E-06	3.76E-04	6.75E-05	3.92E-04	7.07E-05	4.61E-04	8.23E-05	8.86E-06	1.59E-06	1.50E-03	2.69E-04	1.77E-03	3.18E-04	3.47E-03	5.86E-04	3.79E-04	6.82E-05	7.01E-05	1.26E-05	2.03E-05	3.63E-06	4.80E-05	8.59E-06	1.43E-05	1.43E-05	2.66E-01	4.67E-02	7.47E-01	1.03E-01
2150	Gridded	2.92E-05	6.20E-06	6.21E-06	1.31E-06	3.45E-04	7.33E-05	3.59E-04	7.62E-05	4.06E-04	8.57E-05	8.11E-06	1.73E-06	1.37E-03	2.92E-04	1.59E-03	3.38E-04	3.68E-03	4.86E-04	3.48E-04	7.39E-05	6.42E-05	1.37E-05	1.86E-05	3.96E-06	4.39E-05	9.35E-06	1.42E-05	1.42E-05	2.80E-01	5.02E-02	6.43E-01	1.06E-01
2151	Gridded	2.95E-05	5.32E-06	6.42E-06	1.14E-06	3.40E-04	6.24E-05	3.57E-04	6.51E-05	4.22E-04	7.43E-05	7.98E-06	1.47E-06	1.35E-03	2.48E-04	1.62E-03	2.91E-04	3.46E-03	5.53E-04	3.44E-04	6.30E-05	6.32E-05	1.16E-05	1.83E-05	3.36E-06	4.32E-05	7.95E-06	1.44E-05	1.44E-05	2.39E-01	6.83E-02	5.87E-01	1.52E-01
2152	Gridded	3.38E-05	7.40E-06	6.93E-06	1.61E-06	4.43E-04	8.54E-05	4.45E-04	8.96E-05	4.55E-04	1.05E-04	1.06E-05	2.00E-06	1.77E-03	3.40E-04	1.81E-03	4.05E-04	2.78E-03	6.24E-04	4.43E-04	8.64E-05	8.39E-05	1.59E-05	2.43E-05	4.59E-06	5.74E-05	1.09E-05	1.85E-05	1.85E-05	2.65E-01	7.99E-02	5.85E-01	1.47E-01
2153	Gridded	4.78E-05	6.92E-06	8.75E-06	1.47E-06	6.37E-04	8.20E-05	6.37E-04	8.53E-05	5.56E-04	9.63E-05	1.53E-05	1.93E-06	2.55E-03	3.27E-04	2.55E-03	3.77E-04	2.61E-03	5.63E-04	6.37E-04	8.27E-05	1.21E-04	1.53E-05	3.50E-05	4.43E-06	8.28E-05	1.05E-05	1.68E-05	1.68E-05	3.52E-01	8.14E-02	7.80E-01	1.39E-01
2154	Gridded	3.73E-05	8.53E-06	7.35E-06	1.86E-06	4.78E-04	9.81E-05	4.84E-04	1.03E-04	4.82E-04	1.22E-04	1.14E-05	2.30E-06	1.91E-03	3.90E-04	2.01E-03	4.67E-04	4.62E-03	7.40E-04	4.79E-04	9.92E-05	9.03E-05	1.82E-05	2.61E-05	5.27E-06	6.18E-05	1.25E-05	2.17E-05	2.17E-05	4.03E-01	5.57E-02	8.20E-01	8.82E-02
2155	Gridded	3.52E-05	6.11E-06	6.82E-06	1.35E-06	4.48E-04	6.92E-05	4.55E-04	7.31E-05	4.38E-04	8.88E-05	1.07E-05	1.62E-06	1.79E-03	2.75E-04	1.89E-03	3.35E-04	3.99E-03	5.75E-04	4.50E-04	7.01E-05	8.46E-05	1.28E-05	2.45E-05	3.71E-06	5.79E-05	8.77E-06	1.63E-05	1.63E-05	2.60E-01	4.78E-02	7.76E-01	9.49E-02
2156	Gridded	2.91E-05	5.82E-06	6.60E-06	1.30E-06	3.20E-04	6.51E-05	3.42E-04	6.90E-05	4.36E-04	8.59E-05	7.46E-06	1.52E-06	1.27E-03	2.58E-04	1.60E-03	3.20E-04	3.16E-03	5.89E-04	3.25E-04	6.59E-05	5.90E-05	1.20E-05	1.71E-05	3.48E-06	4.04E-05	8.22E-06	1.62E-05	1.62E-05	2.99E-01	6.93E-02	7.35E-01	1.42E-01
2157	Gridded	2.06E-05	5.86E-06	4.36E-06	1.23E-06	2.50E-04	6.96E-05	2.55E-04	7.23E-05	2.85E-04	8.05E-05	5.93E-06	1.64E-06	9.96E-04	2.77E-04	1.12E-03	3.19E-04	2.44E-03	4.23E-04	2.51E-04	7.02E-05	4.69E-05	1.30E-05	1.36E-05	3.76E-06	3.21E-05	8.89E-06	1.32E-05	1.32E-05	2.49E-01	6.11E-02	7.43E-01	1.38E-01
2158	Gridded	1.55E-05	3.76E-06	3.36E-06	8.35E-07	1.80E-04	4.24E-05	1.88E-04	4.48E-05	2.20E-04	5.50E-05	4.22E-06	9.91E-07	7.16E-04	1.69E-04	8.50E-04	2.07E-04	1.40E-03	3.63E-04	1.82E-04	4.29E-05	3.34E-05	7.84E-06	9.68E-06	2.27E-06	2.29E-05	5.37E-06	1.02E-05	1.02E-05	2.26E-01	4.65E-02	6.15E-01	6.85E-02
2159	Gridded	2.73E-05	3.53E-06	5.81E-06	7.57E-07	3.23E-04	4.12E-05	3.34E-04	4.31E-05	3.80E-04	4.95E-05	7.68E-06	9.69E-07	1.29E-03	1.64E-04	1.49E-03	1.93E-04	2.06E-03	3.33E-04	3.25E-04	4.16E-05	6.08E-05	7.67E-06	1.76E-05	2.22E-06	4.16E-05	5.25E-06	8.86E-06	8.86E-06	2.41E-01	4.42E-02	6.33E-01	8.23E-02
2160	Gridded	2.97E-05	4.41E-06	6.40E-06	9.52E-07	3.45E-04	5.13E-05	3.61E-04	5.37E-05	4.19E-04	6.23E-05	8.11E-06	1.20E-06	1.37E-03	2.04E-04	1.62E-03	2.41E-04	2.39E-03	3.57E-04	3.49E-04	5.18E-05	6.42E-05	9.54E-06	1.86E-05	2.76E-06	4.40E-05	6.53E-06	1.08E-05	1.08E-05	2.64E-01	4.86E-02	7.24E-01	1.42E-01
2161	Gridded	2.17E-05	3.50E-06	4.80E-06	7.54E-07	2.46E-04	4.06E-05	2.60E-04	4.25E-05	3.15E-04	4.94E-05	5.87E-06	9.54E-07	9.80E-04	1.62E-04	1.19E-03	1.91E-04	2.03E-03	2.83E-04	2.49E-04	4.10E-05	4.65E-05	7.55E-06	1.35E-05	2.19E-06	3.18E-05	5.17E-06	8.57E-06	8.57E-06	2.20E-01	3.99E-02	5.74E-01	8.57E-02
2162	Gridded	2.64E-05	4.45E-06	5.54E-06	9.66E-07	3.15E-04	5.14E-05	3.27E-04	5.39E-05	3.61E-04	6.34E-05	7.44E-06	1.21E-06	1.26E-03	2.05E-04	1.44E-03	2.44E-04	2.57E-03	3.78E-04	3.18E-04	5.20E-05	5.89E-05	9.55E-06	1.70E-05	2.76E-06	4.03E-05	6.53E-06	1.12E-05	1.12E-05	3.02E-01	3.74E-02	6.94E-01	7.22E-02
2163	Gridded	4.31E-05	4.07E-06	8.51E-06	9.03E-07	5.41E-04	4.62E-05	5.52E-04	4.86E-05	5.49E-04	5.95E-05	1.29E-05	1.08E-06	2.16E-03	1.84E-04	2.32E-03	2.24E-04	2.55E-03	3.91E-04	5.43E-04	4.67E-05	1.02E-04	8.57E-06	2.95E-05	2.48E-06	6.97E-05	5.86E-06	1.10E-05	1.10E-05	3.52E-01	4.07E-02	7.52E-01	8.50E-02
2164	Gridded	3.96E-05	3.53E-06	7.85E-06	7.75E-07	4.96E-04	4.04E-05	5.07E-04	4.25E-05	5.07E-04	5.09E-05	1.18E-05	9.47E-07	1.98E-03	1.61E-04	2.14E-03	1.94E-04	1.97E-03	3.16E-04	4.99E-04	4.09E-05	9.35E-05	7.49E-06	2.71E-05	2.17E-06	6.39E-05	5.13E-06	9.16E-06	9.16E-06	4.07E-01	4.72E-02	9.61E-01	8.31E-02
2165	Gridded	2.83E-05	4.55E-06	6.26E-06	9.93E-07	3.76E-04	5.23E-05	3.76E-04	5.49E-05	4.12E-04	6.52E-05	9.02E-06	1.23E-06	1.50E-03	2.08E-04	1.55E-03	2.49E-04	2.69E-03	3.97E-04	3.76E-04	5.28E-05	7.14E-05	9.70E-06	2.07E-05	2.81E-06	4.89E-05	6.64E-06	1.16E-05	1.16E-05	3.13E-01	3.13E-02	6.14E-01	6.32E-02
2166	Gridded	3.40E-05	5.51E-06	6.21E-06	1.19E-06	4.53E-04	6.39E-05	4.53E-04	6.70E-05	3.94E-04	7.81E-05	1.09E-05	1.50E-06	1.81E-03	2.54E-04	1.81E-03	3.02E-04	2.38E-03	4.52E-04	4.53E-04	6.46E-05	8.61E-05	1.19E-05	2.49E-05	3.44E-06	5.89E-05	8.13E-06	1.36E-05	1.36E-05	2.75E-01	5.65E-02	8.25E-01	1.03E-01
2167	Gridded	3.19E-05	4.45E-06	6.03E-06	9.81E-07	4.25E-04	5.05E-05	4.25E-04	5.33E-05	3.88E-04	6.45E-05	1.02E-05	1.18E-06	1.70E-03	2.01E-04	1.70E-03	2.44E-04	2.14E-03	4.14E-04	4.25E-04	5.11E-05	8.07E-05	9.36E-06	2.34E-05	2.71E-06	5.52E-05	6.40E-06	1.18E-05	1.18E-05	2.50E-01	5.55E-02	6.46E-01	1.13E-01
2168	Gridded	2.20E-05	5.08E-06	4.56E-06	1.10E-06	2.93E-04	5.87E-05	2.93E-04	6.16E-05	3.02E-04	7.23E-05	7.04E-06	1.38E-06	1.17E-03	2.34E-04	1.17E-03	2.78E-04	2.30E-03	4.27E-04	2.93E-04	5.93E-05	5.57E-05	1.09E-05	1.61E-05	3.16E-06	3.81E-05	7.46E-06	1.27E-05	1.27E-05	3.48E-01	4.57E-02	7.89E-01	9.49E-02

Scenario 1 Results

2169	Gridded	2.92E-05	5.37E-06	6.59E-06	1.18E-06	3.23E-04	6.11E-05	3.44E-04	6.44E-05	4.35E-04	7.77E-05	7.53E-06	1.43E-06	1.28E-03	2.43E-04	1.61E-03	2.95E-04	3.09E-03	4.95E-04	3.28E-04	6.18E-05	5.96E-05	1.13E-05	1.73E-05	3.28E-06	4.08E-05	7.74E-06	1.41E-05	1.41E-05	2.10E-01	4.59E-02	4.95E-01	8.43E-02
2170	Gridded	2.81E-05	6.07E-06	6.09E-06	1.32E-06	3.25E-04	6.98E-05	3.41E-04	7.34E-05	3.99E-04	8.68E-05	7.70E-06	1.64E-06	1.30E-03	2.78E-04	1.54E-03	3.33E-04	2.34E-03	5.24E-04	3.29E-04	7.06E-05	6.09E-05	1.30E-05	1.76E-05	3.75E-06	4.17E-05	8.87E-06	1.54E-05	1.54E-05	2.19E-01	4.36E-02	5.72E-01	7.69E-02
2171	Gridded	4.06E-05	6.78E-06	8.27E-06	1.45E-06	4.96E-04	7.97E-05	5.11E-04	8.31E-05	5.37E-04	9.46E-05	1.18E-05	1.87E-06	1.98E-03	3.17E-04	2.20E-03	3.70E-04	2.18E-03	5.11E-04	5.00E-04	8.04E-05	9.31E-05	1.48E-05	2.69E-05	4.30E-06	6.37E-05	1.02E-05	1.60E-05	1.60E-05	2.24E-01	5.26E-02	5.28E-01	9.35E-02
2172	Gridded	5.84E-05	6.05E-06	1.20E-05	1.29E-06	7.11E-04	7.08E-05	7.32E-04	7.39E-05	7.76E-04	8.46E-05	1.68E-05	1.66E-06	2.83E-03	2.82E-04	3.17E-03	3.30E-04	3.21E-03	4.65E-04	7.16E-04	7.14E-05	1.33E-04	1.32E-05	3.86E-05	3.81E-06	9.11E-05	9.01E-06	1.44E-05	1.44E-05	2.48E-01	5.10E-02	5.86E-01	9.85E-02
2173	Gridded	4.85E-05	4.63E-06	1.01E-05	9.96E-07	5.81E-04	5.40E-05	6.02E-04	5.64E-05	6.58E-04	6.52E-05	1.37E-05	1.27E-06	2.32E-03	2.15E-04	2.64E-03	2.53E-04	3.08E-03	3.72E-04	5.86E-04	5.45E-05	1.09E-04	1.00E-05	3.14E-05	2.91E-06	7.43E-05	6.87E-06	1.12E-05	1.12E-05	3.88E-01	5.52E-02	5.37E-01	9.80E-02
2174	Gridded	2.03E-05	4.20E-06	4.49E-06	9.27E-07	2.30E-04	4.77E-05	2.42E-04	5.04E-05	2.95E-04	6.09E-05	5.37E-06	1.12E-06	9.13E-04	1.90E-04	1.11E-03	2.31E-04	1.92E-03	3.90E-04	2.32E-04	4.83E-05	4.25E-05	8.84E-06	1.23E-05	2.56E-06	2.91E-05	6.05E-06	1.11E-05	1.11E-05	4.02E-01	4.12E-02	1.32E+00	8.65E-02
2175	Gridded	2.13E-05	3.49E-06	4.42E-06	7.59E-07	2.56E-04	4.02E-05	2.65E-04	4.22E-05	2.89E-04	4.98E-05	6.05E-06	9.42E-07	1.02E-03	1.60E-04	1.16E-03	1.91E-04	1.97E-03	3.00E-04	2.58E-04	4.06E-05	4.79E-05	7.46E-06	1.39E-05	2.16E-06	3.28E-05	5.10E-06	8.83E-06	8.83E-06	3.70E-01	3.85E-02	8.05E-01	8.51E-02
2176	Gridded	2.60E-05	3.73E-06	5.49E-06	8.11E-07	3.22E-04	4.29E-05	3.30E-04	4.51E-05	3.59E-04	5.32E-05	7.65E-06	1.01E-06	1.29E-03	1.71E-04	1.41E-03	2.04E-04	1.91E-03	3.20E-04	3.24E-04	4.34E-05	6.06E-05	7.97E-06	1.75E-05	2.31E-06	4.15E-05	5.45E-06	9.44E-06	9.44E-06	2.13E-01	3.56E-02	5.45E-01	6.21E-02
2177	Gridded	2.83E-05	4.00E-06	5.99E-06	8.73E-07	3.35E-04	4.58E-05	3.49E-04	4.82E-05	3.91E-04	5.74E-05	7.90E-06	1.07E-06	1.33E-03	1.82E-04	1.54E-03	2.19E-04	2.25E-03	3.52E-04	3.38E-04	4.63E-05	6.25E-05	8.50E-06	1.81E-05	2.46E-06	4.28E-05	5.81E-06	1.03E-05	1.03E-05	2.59E-01	3.52E-02	6.48E-01	6.01E-02
2178	Gridded	2.85E-05	5.24E-06	6.10E-06	1.14E-06	3.33E-04	6.04E-05	3.48E-04	6.34E-05	4.00E-04	7.46E-05	7.82E-06	1.42E-06	1.32E-03	2.40E-04	1.56E-03	2.87E-04	2.73E-03	4.53E-04	3.36E-04	6.11E-05	6.19E-05	1.12E-05	1.79E-05	3.25E-06	4.24E-05	7.67E-06	1.32E-05	1.32E-05	2.63E-01	3.25E-02	6.80E-01	8.22E-02
2179	Gridded	3.25E-05	4.28E-06	7.24E-06	9.41E-07	3.65E-04	4.87E-05	3.87E-04	5.13E-05	4.77E-04	6.19E-05	8.53E-06	1.14E-06	1.45E-03	1.94E-04	1.79E-03	2.35E-04	3.20E-03	3.93E-04	3.70E-04	4.93E-05	6.75E-05	9.02E-06	1.96E-05	2.61E-06	4.62E-05	6.17E-06	1.12E-05	1.12E-05	2.63E-01	3.85E-02	5.16E-01	7.19E-02
2180	Gridded	3.05E-05	5.89E-06	6.75E-06	1.29E-06	3.50E-04	6.73E-05	3.68E-04	7.08E-05	4.44E-04	8.48E-05	8.20E-06	1.58E-06	1.39E-03	2.68E-04	1.67E-03	3.23E-04	2.89E-03	5.28E-04	3.54E-04	6.81E-05	6.49E-05	1.25E-05	1.88E-05	3.61E-06	4.44E-05	8.54E-06	1.53E-05	1.53E-05	2.18E-01	3.86E-02	5.12E-01	6.11E-02
2181	Gridded	3.00E-05	5.63E-06	6.43E-06	1.23E-06	3.51E-04	6.45E-05	3.67E-04	6.79E-05	4.21E-04	8.08E-05	8.26E-06	1.51E-06	1.40E-03	2.57E-04	1.64E-03	3.09E-04	2.46E-03	4.97E-04	3.55E-04	6.53E-05	6.54E-05	1.20E-05	1.89E-05	3.47E-06	4.47E-05	8.19E-06	1.45E-05	1.45E-05	2.35E-01	3.35E-02	5.93E-01	6.20E-02
2182	Gridded	2.90E-05	4.35E-06	6.39E-06	9.37E-07	3.43E-04	5.07E-05	3.54E-04	5.30E-05	4.20E-04	6.14E-05	8.12E-06	1.19E-06	1.37E-03	2.02E-04	1.59E-03	2.38E-04	2.70E-03	3.51E-04	3.45E-04	5.12E-05	6.42E-05	9.42E-06	1.86E-05	2.73E-06	4.40E-05	6.45E-06	1.06E-05	1.06E-05	2.79E-01	3.72E-02	6.19E-01	6.46E-02
2183	Gridded	3.22E-05	4.47E-06	6.09E-06	9.79E-07	4.24E-04	5.12E-05	4.26E-04	5.38E-05	3.99E-04	6.43E-05	1.02E-05	1.20E-06	1.70E-03	2.03E-04	1.72E-03	2.45E-04	2.46E-03	3.99E-04	4.24E-04	5.18E-05	8.04E-05	9.49E-06	2.33E-05	2.75E-06	5.50E-05	6.49E-06	1.16E-05	1.16E-05	2.43E-01	4.44E-02	5.54E-01	7.81E-02
2184	Gridded	3.76E-05	4.75E-06	7.17E-06	1.02E-06	4.86E-04	5.52E-05	4.91E-04	5.78E-05	4.59E-04	6.70E-05	1.16E-05	1.30E-06	1.94E-03	2.20E-04	2.02E-03	2.60E-04	2.19E-03	3.83E-04	4.87E-04	5.58E-05	9.18E-05	1.03E-05	2.66E-05	2.97E-06	6.28E-05	7.02E-06	1.16E-05	1.16E-05	2.37E-01	4.03E-02	4.28E-01	7.21E-02
2185	Gridded	3.51E-05	3.62E-06	6.89E-06	7.52E-07	4.42E-04	4.35E-05	4.50E-04	4.50E-05	4.44E-04	4.90E-05	1.05E-05	1.03E-06	1.77E-03	1.73E-04	1.89E-03	1.97E-04	2.21E-03	2.52E-04	4.44E-04	4.38E-05	8.33E-05	8.13E-06	2.41E-05	2.35E-06	5.70E-05	5.56E-06	8.04E-06	8.04E-06	2.24E-01	2.91E-02	4.37E-01	5.14E-02
2186	Gridded	3.89E-05	3.54E-06	7.98E-06	7.41E-07	4.72E-04	4.22E-05	4.87E-04	4.37E-05	5.19E-04	4.83E-05	1.12E-05	9.95E-07	1.88E-03	1.68E-04	2.11E-03	1.92E-04	2.48E-03	2.52E-04	4.75E-04	4.25E-05	8.84E-05	7.88E-06	2.56E-05	2.28E-06	6.05E-05	5.39E-06	7.83E-06	7.83E-06	2.56E-01	2.76E-02	4.25E-01	5.07E-02
2187	Gridded	3.72E-05	3.27E-06	7.68E-06	6.83E-07	4.66E-04	3.92E-05	4.76E-04	4.06E-05	5.02E-04	4.45E-05	1.11E-05	9.24E-07	1.86E-03	1.56E-04	2.02E-03	1.78E-04	2.56E-03	2.47E-04	4.68E-04	3.95E-05	8.78E-05	7.32E-06	2.54E-05	2.12E-06	6.01E-05	5.01E-06	7.42E-06	7.42E-06	4.16E-01	3.16E-02	6.88E-01	5.65E-02
2188	Gridded	5.55E-05	4.53E-06	1.15E-05	1.00E-06	6.71E-04	5.12E-05	6.93E-04	5.41E-05	7.45E-04	6.61E-05	1.59E-05	1.20E-06	2.68E-03	2.03E-04	3.01E-03	2.49E-04	3.26E-03	4.33E-04	6.76E-04	5.18E-05	1.26E-04	9.47E-06	3.64E-05	2.74E-06	8.60E-05	6.48E-06	1.22E-05	1.22E-05	4.80E-01	3.24E-02	8.77E-01	6.58E-02
2189	Gridded	4.84E-05	5.95E-06	1.03E-05	1.33E-06	5.70E-04	6.66E-05	5.94E-04	7.07E-05	6.74E-04	8.77E-05	1.34E-05	1.56E-06	2.27E-03	2.65E-04	2.64E-03	3.27E-04	3.60E-03	5.97E-04	5.75E-04	6.75E-05	1.06E-04	1.23E-05	3.07E-05	3.56E-06	7.26E-05	8.42E-06	1.65E-05	1.65E-05	3.79E-01	4.22E-02	7.05E-01	6.62E-02
2190	Gridded	2.73E-05	4.67E-06	5.82E-06	1.01E-06	3.21E-04	5.39E-05	3.35E-04	5.66E-05	3.80E-04	6.65E-05	7.56E-06	1.27E-06	1.28E-03	2.15E-04	1.49E-03	2.56E-04	2.03E-03	3.94E-04	3.24E-04	5.45E-05	5.99E-05	1.00E-05	1.73E-05	2.90E-06	4.10E-05	6.86E-06	1.17E-05	1.17E-05	2.63E-01	3.89E-02	4.87E-01	6.72E-02
2191	Gridded	1.84E-05	3.25E-06	3.79E-06	6.83E-07	2.24E-04	3.87E-05	2.31E-04	4.02E-05	2.46E-04	4.46E-05	5.30E-06	9.12E-07	8.93E-04	1.54E-04	1.00E-03	1.77E-04	1.28E-03	2.21E-04	2.26E-04	3.90E-05	4.20E-05	7.22E-06	1.21E-05	2.09E-06	2.87E-05	4.94E-06	7.27E-06	7.27E-06	1.80E-01	2.44E-02	3.36E-01	4.60E-02
2192	Gridded	1.67E-05	2.91E-06	3.32E-06	5.99E-07	2.09E-04	3.52E-05	2.13E-04	3.63E-05	2.14E-04	3.90E-05	4.97E-06	8.31E-07	8.34E-04	1.40E-04	9.02E-04	1.58E-04	1.21E-03	1.70E-04	2.10E-04	3.54E-05	3.93E-05	6.58E-06	1.14E-05	1.90E-06	2.69E-05	4.50E-06	6.05E-06	6.05E-06	1.60E-01	1.75E-02	2.95E-01	3.46E-02
2193	Gridded	1.26E-05	2.47E-06	2.63E-06	5.08E-07	1.61E-04	3.00E-05	1.63E-04	3.09E-05	1.72E-04	3.30E-05	3.83E-06	7.09E-07	6.41E-04	1.20E-04	6.77E-04	1.34E-04	1.06E-03	1.68E-04	1.61E-04	3.02E-05	3.03E-05	5.61E-06	8.78E-06	1.63E-06	2.07E-05	3.84E-06	5.08E-06	5.08E-06	1.62E-01	1.96E-02	2.73E-01	3.52E-02
2194	Gridded	2.70E-05	4.59E-06	5.87E-06	9.95E-07	3.12E-04	5.30E-05	3.28E-04	5.56E-05	3.85E-04	6.53E-05	7.33E-06	1.24E-06	1.24E-03	2.11E-04	1.48E-03	2.51E-04	2.64E-03	3.87E-04	3.16E-04	5.35E-05	5.80E-05	9.84E-06	1.68E-05	2.85E-06	3.97E-05	6.73E-06	1.15E-05	1.15E-05	1.95E-01	3.90E-02	4.77E-01	8.03E-02
2195	Gridded	2.63E-05	3.91E-06	5.63E-06	8.38E-07	3.08E-04	4.56E-05	3.22E-04	4.77E-05	3.69E-04	5.48E-05	7.24E-06	1.07E-06	1.23E-03	1.82E-04	1.44E-03	2.13E-04	3.01E-03	3.05E-04	3.11E-04	4.61E-05	5.73E-05	8.49E-06	1.66E-05	2.46E-06	3.92E-05	5.81E-06	9.39E-06	9.39E-06	2.01E-01	4.27E-02	5.19E-01	9.75E-02
2196	Gridded	3.27E-05	3.18E-06	7.16E-06	7.19E-07	3.74E-04	3.60E-05	3.94E-04	3.75E-05	4.70E-04	4.75E-05	8.76E-06	8.48E-07	1.49E-03	1.43E-04	1.79E-03	1.75E-04	2.92E-03	3.38E-04	3.78E-04	3.63E-05	6.93E-05	6.72E-06	2.01E-05	1.94E-06	4.74E-05	4.60E-06	9.10E-06	9.10E-06	2.74E-01	4.98E-02	6.39E-01	1.24E-01
2197	Gridded	3.53E-05	5.67E-06	7.67E-06	1.23E-06	4.08E-04	6.53E-05	4.28E-04	6.85E-05	5.03E-04	8.08E-05	9.56E-06	1.53E-06	1.62E-03	2.60E-04	1.93E-03	3.10E-04	2.99E-03	4.85E-04	4.12E-04	6.60E-05	7.57E-05	1.21E-05	2.19E-05	3.51E-06	5.18E-05	8.29E-06	1.43E-05	1.43E-05	2.69E-01	5.06E-02	6.00E-01	1.07E-01
2198	Gridded	3.58E-05	7.43E-06	7.86E-06	1.58E-06	4.08E-04	8.76E-05	4.30E-04	9.12E-05	5.16E-04	1.03E-04	9.55E-06	2.06E-06	1.62E-03	3.49E-04	1.96E-03	4.05E-04	3.54E-03	5.53E-04	4.13E-04	8.84E-05	7.56E-05	1.63E-05	2.19E-05	4.73E-06	5.17E-05	1.12E-05	1.72E-05	1.72E-05	2.17E-01	4.83E-02	6.87E-01	6.74E-02
2199	Gridded	3.29E-05	6.26E-06	7.15E-06	1.35E-06	3.79E-04	7.26E-05	3.98E-04	7.61E-05	4.69E-04	8.86E-05	8.88E-06	1.71E-06	1.51E-03	2.89E-04	1.80E-03	3.42E-04	3.76E-03	6.29E-04	3.83E-04	7.34E-05	7.03E-05	1.35E-05	2.04E-05	3.91E-06	4.81E-05	9.24E-06	1.54E-05	1.54E-05	2.69E-01	4.17E-02	6.77E-01	9.59E-02
2200	Gridded	2.68E-05	5.51E-06	5.69E-06	1.16E-06	3.16E-04	6.52E-05	3.29E-04	6.78E-05	3.73E-04	7.59E-05	7.45E-06	1.54E-06	1.26E-03	2.60E-04	1.46E-03	3.00E-04	3.36E-03	4.14E-04	3.19E-04	6.58E-05	5.90E-05	1.22E-05	1.71E-05	3.52E-06	4.03E-05	8.33E-06	1.25E-05	1.25E-05	2.59E-01	4.70E-02	5.77E-01	1.00E-01
2201	Gridded	2.51E-05	4.55E-06	5.45E-06	9.72E-07	2.90E-04	5.33E-05	3.04E-04	5.56E-05	3.58E-04	6.36E-05	6.80E-06	1.25E-06	1.15E-03	2.12E-04	1.38E-03	2.48E-04	2.90E-03	4.83E-04	2.93E-04	5.38E-05	5.39E-05	9.92E-06	1.56E-05	2.87E-06	3.69E-05	6.79E-06	1.26E-05	1.26E-05	2.03E-01	6.06E-02	5.06E-01	1.35E-01
2202	Gridded	3.33E-05	7.24E-06	6.95E-06	1.58E-06	4.34E-04	8.33E-05	4.38E-04	8.75E-05	4.56E-04	1.04E-04	1.04E-05	1.95E-06	1.74E-03	3.31E-04	1.78E-03	3.97E-04	2.84E-03	6.26E-04	4.35E-04	8.42E-05	8.23E-05	1.55E-05	2.38E-05	4.48E-06	5.63E-05	1.06E-05	1.84E-05	1.84E-05	2.42E-01	7.57E-02	5.58E-01	1.41E-01
2203	Gridded	3.70E-05	5.71E-06	6.77E-06	1.21E-06	4.93E-04	6.77E-05	4.93E-04	7.04E-05	4.30E-04	7.88E-05	1.18E-05	1.60E-06	1.97E-03	2.70E-04	1.97E-03	3.11E-04	1.94E-03	4.54E-04	4.93E-04	6.83E-05	9.36E-05	1.26E-05	2.71E-05	3.66E-06	6.40E-05	8.64E-06	1.36E-05	1.36E-05	2.94E-01	6.71E-02	6.39E-01	1.14E-01
2204	Gridded	3.24E-05	7.27E-06	6.30E-06	1.58E-06	4.13E-04	8.36E-05	4.19E-04	8.79E-05	4.05E-04	1.04E-04	9.85E-06	1.96E-06	1.65E-03	3.33E-04	1.75E-03	3.98E-04	3.76E-03	6.28E-04	4.15E-04	8.46E-05	7.80E-05	1.55E-05	2.26E-05	4.49E-06	5.33E-05	1.06E-05	1.85E-05	1.85E-05	3.30E-01	5.13E-02	6.39E-01	8.33E-02
2205	Gridded	4.10E-05	7.06E-06	7.88E-06	1.56E-06	5.27E-04	8.03E-05	5.33E-04	8.47E-05	5.05E-04	1.02E-04	1.26E-05	1.88E-06	2.11E-03	3.19E-04	2.20E-03	3.88E-04	5.49E-03	6.54E-04	5.28E-04	8.13E-05	9.96E-05	1.49E-05	2.88E-05	4.31E-06	6.81E-05	1.02E-05	1.86E-05	1.86E-05	3.24E-01	4.27E-02	7.87E-01	9.97E-02
2206	Gridded	4.65E-05	6.01E-06	9.95E-06	1.38E-06	5.43E-04	6.56E-05	5.68E-04	7.02E-05	6.52E-04	9.11E-05	1.28E-05	1.53E-06	2.16E-03	2.60E-04	2.54E-03	3.32E-04	3.61E-03	6.83E-04	5.49E-04	6.66E-05	1.01E-04	1.21E-05	2.93E-05	3.51E-06	6.92E-05	8.31E-06	1.79E-05	1.79E-05	3.31E-01	6.88E-02	9.13E-01	1.40E-01
2207	Gridded	2.98E-05	7.60E-06	6.15E-06	1.63E-06	3.61E-04	8.89E-05	3.73E-04	9.28E-05	4.00E-04	1.07E-04	8.53E-06	2.09E-06	1.44E-03	3.54E-04	1.62E-03	4.15E-04	3.89E-03	5.90E-04	3.63E-04	8.97E-05	6.76E-05	1.65E-05	1.96E-05	4.79E-06	4.62E-05	1.13E-05	1.82E-05	1.82E-05	2.73E-01	7.08E-02	8.06E-01	1.82E-01
2208	Gridded	2.04E-05	4.73E-06	4.07E-06	1.04E-06	2.55E-04	5.40E-05	2.61E-04	5.69E-05	2.63E-04	6.84E-05	6.07E-06	1.26E-06	1.02E-03	2.15E-04	1.10E-03	2.60E-04	1.76E-03	4.33E-04	2.56E-04	5.46E-05	4.80E-05	1.00E-05	1.39E-05	2.89E-06	3.29E-05	6.84E-06	1.24E-05	1.24E-05	2.34E-01	5.75E-02	6.17E-01	8.44E-02
2209	Gridded	1.75E-05	2.74E-06	3.74E-06	6.10E-07	2.10E-04	3.08E-05	2.18E-04	3.26E-05	2.45E-04	4.02E-05	4.97E-06	7.19E-07	8.38E-04	1.22E-04	9.52E-04	1.50E-04	1.49E-03	2.69E-04	2.12E-04	3.12E-05	3.93E-05	5.69E-06	1.14E-05	1.65E-06	2.69E-05	3.89E-06	7.49E-06	7.49E-06	2.12E-01	3.57E-02	5.61E-01	6.84E-02
2210	Gridded	2.48E-05	3.93E-06	5.00E-06	8.45E-07	3.06E-04	4.57E-05	3.14E-04	4.78E-05	3.24E-04	5.54E-05	7.26E-06	1.07E-06	1.22E-03	1.82E-04	1.34E-03	2.15E-04	2.40E-03	3.15E-04	3.08E-04	4.62E-05	5.74E-05	8.50E-06	1.66E-05	2.46E-06	3.93E-05	5.82E-06	9.57E-06	9.57E-06	2.31E-01	4.94E-02	5.99E-01	1.16E-01
2211	Gridded	2.78E-05	3.73E-06	5.53E-06	8.09E-07	3.48E-04	4.32E-05	3.55E-04	4.53E-05	3.57E-04	5.30E-05	8.26E-06	1.01E-06	1.39E-03	1.72E-04	1.50E-03	2.04E-04	2.23E-03	3.11E-04	3.49E-04	4.37E-05	6.54E-05	8.03E-06	1.89E-05	2.32E-06	4.48E-05	5.49E-06	9.29E-06	9.29E-06	2.09E-01	3.62E-02	5.96E-01	9.01E-02
2212	Gridded	1.98E-05	3.57E-06	4.40E-06	7.79E-07	2.36E-04	4.10E-05	2.37E-04	4.31E-05	2.89E-04	5.11E-05	5.66E-06	9.62E-07	9.43E-04	1.63E-04	1.09E-03	1.96E-04	1.90E-03	3.10E-04	2.36E-04	4.15E-05	4.48E-05	7.62E-06	1.30E-05	2.20E-06	3.06E-05	5.21E-06	9.10E-06	9.10E-06	2.28E-01	3.53E-02	5.26E-01	5.93E-02
2213	Gridded	2.55E-05	4.11E-06	5.77E-06	8.97E-07	3.19E-04	4.71E-05	3.24E-04	4.95E-05	3.81E-04	5.89E-05	7.59E-06	1.10E-06	1.27E-03	1.87E-04	1.41E-03	2.25E-04	2.73E-03	3.60E-04	3.20E-04	4.77E-05	6.01E-05	8.74E-06	1.74E-05	2.53E-06	4.11E-05	5.98E-06	1.05E-05	1.05E-05	3.18E-01	3.68E-02	6.98E-01	6.62E-02
2214	Gridded	3.32E-05	3.40E-06	6.30E-06	7.60E-07	4.30E-04	3.81E-05	4.34E-04	4.04E-05	4.03E-04	5.01E-05	1.03E-05	8.90E-07	1.72E-03	1.52E-04	1.78E-03	1.87E-04	2.81E-03	3.40E-04	4.31E-04	3.86E-05	8.15E-05	7.05E-06	2.36E-05	2.04E-06	5.57E-05	4.82E-06	9.40E-06	9.40E-06	3.75E-01	3.85E-02	8.17E-01	8.60E-02
2215	Gridded	2.56E-05	3.14E-06	4.75E-06	6.93E-07	3.38E-04	3.57E-05	3.39E-04	3.77E-05	3.02E-04	4.56E-05	8.09E-06	8.36E-07	1.35E-03	1.42E-04	1.37E-03	1.73E-04	1.47E-03	2.92E-04	3.38E-04	3.62E-05	6.40E-05	6.62E-06	1.85E-05	1.92E-06	4.38E-05	4.53E-06	8.32E-06	8.32E-06	3.10E-01	3.83E-02	6.71E-01	6.75E-02
2216	Gridded	1.83E-05	3.54E-06	4.00E-06	7.70E-07	2.43E-04	4.12E-05	2.43E-04	4.29E-05	2.64E-04	5.05E-05	5.84E-06	9.69E-07	9.73E-04	1.64E-04	9.73E-04	1.94E-04	1.92E-03	3.03E-04	2.43E-04	4.16E-05	4.62E-05	7.67E-06	1.34E-05	2.22E-06	3.16E-05	5.25E-06	8.94E-06	8.94E-06	2.13E-01	2.73E-02	4.86E-01	5.71E-02
2217	Gridded	2.61E-05	5.12E-06	5.04E-06	1.11E-06	3.34E-04	5.91E-05	3.39E-04	6.20E-05	3.31E-04	7.28E-05	7.97E-06	1.39E-06	1.34E-03	2.35E-04	1.40E-03	2.80E-04	2.25E-03	4.32E-04	3.35E-04	5.97E-05	6.31E-05	1.10E-05	1.83E-05	3.18E-06	4.32E-05	7.51E-06	1.28E-05	1.28E-05	2.50E-01	5.21E-02	6.91E-01	9.56E-02
2218	Gridded	3.57E-05	4.13E-06	6.93E-06	9.13E-07	4.55E-04	4.69E-05	4.61E-04	4.95E-05	4.45E-04	6.00E-05	1.08E-05	1.10E-06	1.82E-03	1.86E-04	1.92E-03	2.27E-04	2.29E-03	3.87E-04	4.56E-04	4.75E-05	8.58E-05	8.68E-06	2.48E-05	2.51E-06	5.87E-05	5.94E-06	1.10E-05	1.10E-05	2.92E-01	6.03E-02	6.70E-01	1.23E-01
2219	Gridded	2.52E-05	5.26E-06	4.90E-06	1.14E-06	3.36E-04	6.06E-05	3.36E-04	6.36E-05	3.24E-04	7.49E-05	8.06E-06	1.42E-06	1.34E-03	2.41E-04	1.34E-03	2.88E-04	2.35E-03	4.46E-04	3.36E-04	6.13E-05	6.38E-05	1.13E-05	1.85E-05	3.26E-06	4.37E-05	7.70E-06	1.32E-05	1.32E-05	3.69E-01	4.93E-02	8.50E-01	1.03E-01
2220	Gridded	2.69E-05	4.90E-06	5.97E-06	1.08E-06	3.03E-04	5.58E-05	3.21E-04	5.88E-05	3.93E-04	7.09E-05	7.09E-06	1.31E-06	1.21E-03	2.22E-04	1.48E-03	2.69E-04	2.60E-03	4.51E-04	3.07E-04	5.65E-05	5.61E-05	1.03E-05	1.62E-05	2.99E-06	3.84E-05	7.07E-06	1.29E-05	1.29E-05	1.89E-01	4.21E-02	4.45E-01	7.13E-02
2221	Gridded	2.22E-05	5.15E-06	4.74E-06	1.12E-06	2.60E-04	5.93E-05	2.71E-04	6.22E-05	3.10E-04	7.35E-05	6.12E-06	1.39E-06	1.04E-03	2.36E-04	1.21E-03	2.82E-04	1.76E-03	4.41E-04	2.63E-04	5.99E-05	4.84E-05	1.10E-05	1.40E-05	3.18E-06	3.31E-05	7.53E-06	1.30E-05	1.30E-05	1.63E-01	3.18E-02	4.16E-01	5.51E-02
2222	Gridded	2.28E-05	6.06E-06	4.80E-06	1.30E-06	2.76E-04	7.11E-05	2.85E-04	7.42E-05	3.14E-04	8.47E-05	6.54E-06	1.67E-06	1.10E-03	2.83E-04	1.24E-03	3.31E-04	2.37E-03	4.61E-04	2.78E-04	7.18E-05	5.18E-05	1.32E-05	1.50E-05	3.83E-06	3.54E-05	9.06E-06	1.44E-05	1.44E-05	2.00E-01	4.69E-02	4.71E-01	8.90E-02
2223	Gridded	7.71E-05	5.61E-06	1.58E-05	1.20E-06	9.37E-04	6.58E-05	9.66E-04	6.87E-05	1.03E-03	7.83E-05	2.22E-05	1.55E-06	3.74E-03	2.62E-04	4.18E-03	3.06E-04	4.30E-03	4.24E-04	9.44E-04	6.65E-05	1.76E-04	1.23E-05	5.08E-05	3.55E-06	1.20E-04	8.39E-06	1.33E-05	1.33E-05	2.79E-01	4.93E-02	5.91E-01	8.55E-02
2224	Gridded	5.09E-05	5.75E-06	1.08E-05	1.25E-06	5.99E-04	6.66E-05	6.24E-04	6.98E-05	7.08E-04	8.16E-05	1.41E-05	1.56E-06	2.39E-03	2.65E-04	2.78E-03	3.15E-04	3.77E-03	4.78E-04	6.05E-04	6.73E-05	1.12E-04	1.24E-05	3.23E-05	3.58E-06	7.64E-05	8.46E-06	1.43E-05	1.43E-05	3.50E-01	6.05E-02	5.90E-01	1.22E-01
2225	Gridded	2.48E-05	4.28E-06	4.96E-06	9.46E-07	3.08E-04	4.85E-05	3.15E-04	5.12E-05	3.21E-04	6.22E-05	7.31E-06	1.13E-06	1.23E-03	1.93E-04	1.34E-03	2.35E-04	1.75E-03	4.03E-04	3.10E-04	4.91E-05	5.79E-05	8.98E-06	1.68E-05	2.60E-06	3.96E-05	6.14E-06	1.14E-05	1.14E-05	4.03E-01	4.23E-02	1.03E+00	8.39E-02
2226	Gridded	2.92E-05	3.76E-06	6.20E-06	8.21E-07	3.44E-04	4.31E-05	3.59E-04	4.53E-05	4.05E-04	5.39E-05	8.11E-06	1.01E-06	1.37E-03	1.71E-04	1.59E-03	2.06E-04	2.48E-03	3.34E-04	3.47E-04	4.36E-05	6.42E-05	7.99E-06	1.86E-05	2.31E-06	4.39E-05	5.47E-06	9.65E-06	9.65E-06	4.32E-01	4.03E-02	1.27E+00	8.30E-02
2227	Gridded	2.60E-05	3.52E-06	5.58E-06	7.58E-07	3.04E-04	4.08E-05	3.18E-04	4.28E-05	3.65E-04	4.97E-05	7.16E-06	9.59E-07	1.21E-03	1.63E-04	1.42E-03	1.92E-04	2.02E-03	2.91E-04	3.07E-04	4.13E-05	5.66E-05	7.59E-06	1.64E-05	2.20E-06	3.88E-05	5.20E-06	8.63E-06	8.63E-06	2.57E-01	3.64E-02	4.89E-01	7.72E-02
2228	Gridded	2.57E-05	3.85E-06	5.62E-06	8.39E-07	3.02E-04	4.43E-05	3.11E-04	4.65E-05	3.69E-04	5.51E-05	7.13E-06	1.04E-06	1.20E-03	1.76E-04	1.41E-03	2.11E-04	2.28E-03	3.34E-04	3.04E-04	4.48E-05	5.64E-05	8.21E-06	1.63E-05	2.38E-06	3.86E-05	5.62E-06	9.79E-06	9.79E-06	2.10E-01	3.34E-02	5.85E-01	6.08E-02
2229	Gridded	2.69E-05	4.58E-06	5.81E-06	9.99E-07	3.11E-04	5.26E-05	3.26E-04	5.53E-05	3.81E-04	6.56E-05	7.30E-06	1.23E-06	1.24E-03	2.09E-04	1.47E-03	2.51E-04	2.22E-03	3.99E-04	3.14E-04	5.32E-05	5.78E-05	9.77E-06	1.67E-05	2.83E-06	3.96E-05	6.68E-06	1.17E-05	1.17E-05	2.72E-01	3.40E-02	5.96E-01	7.49E-02
2230	Gridded	2.95E-05	5.11E-06	6.56E-06	1.12E-06	3.31E-04	5.83E-05	3.51E-04	6.14E-05	4.32E-04	7.38E-05	7.74E-06	1.36E-06	1.32E-03	2.32E-04	1.62E-03	2.80E-04	2.88E-03	4.65E-04	3.36E-04	5.90E-05	6.13E-05	1.08E-05	1.77E-05	3.13E-06	4.19E-05	7.39E-06	1.34E-05	1.34E-05	2.36E-01	3.15E-02	5.75E-01	7.14E-02
2231	Gridded	3.11E-05	4.40E-06	6.90E-06	9.70E-07	3.52E-04	5.01E-05	3.72E-04	5.29E-05	4.54E-04	6.38E-05	8.24E-06	1.17E-06	1.40E-03	1.99E-04	1.71E-03	2.42E-04	2.97E-03	4.05E-04	3.57E-04	5.07E-05	6.52E-05	9.29E-06	1.89E-05	2.69E-06	4.46E-05	6.35E-06	1.16E-05	1.16E-05	2.43E-01	3.68E-02	4.54E-01	6.66E-02
2232	Gridded	2.96E-05	5.91E-06	6.50E-06	1.30E-06	3.38E-04	6.75E-05	3.56E-04	7.11E-05	4.27E-04	8.53E-05	7.91E-06	1.58E-06	1.34E-03	2.68E-04	1.62E-03	3.24E-04	2.69E-03	5.34E-04	3.42E-04	6.83E-05	6.26E-05	1.25E-05	1.81E-05	3.62E-06	4.28E-05	8.56E-06	1.54E-05	1.54E-05	2.06E-01	3.56E-02	4.84E-01	5.59E-02
2233	Gridded	3.24E-05	5.35E-06	6.91E-06	1.17E-06	3.79E-04	6.13E-05	3.96E-04	6.44E-05	4.52E-04	7.69E-05	8.93E-06	1.44E-06	1.51E-03	2.44E-04	1.77E-03	2.93E-04	2.46E-03	4.75E-04	3.83E-04	6.20E-05	7.07E-05	1.14E-05	2.05E-05	3.29E-06	4.83E-05	7.77E-06	1.38E-05	1.38E-05	2.42E-01	3.19E-02	5.59E-01	6.17E-02
2234	Gridded	2.86E-05	4.46E-06	6.33E-06	9.61E-07	3.48E-04	5.18E-05	3.59E-04	5.43E-05	4.16E-04	6.29E-05	8.25E-06	1.22E-06	1.39E-03	2.06E-04	1.57E-03	2.44E-04	2.72E-03	3.60E-04	3.51E-04	5.24E-05	6.53E-05	9.64E-06	1.89E-05	2.79E-06	4.47E-05	6.60E-06	1.09E-05	1.09E-05	2.75E-01	3.73E-02	5.93E-01	6.29E-02
2235	Gridded	2.62E-05	4.14E-06	5.75E-06	9.07E-07	3.37E-04	4.73E-05	3.38E-04	4.98E-05	3.78E-04	5.96E-05	8.08E-06	1.11E-06	1.35E-03	1.88E-04	1.43E-03	2.27E-04	2.39E-03	3.70E-04	3.37E-04	4.79E-05	6.40E-05	8.78E-06	1.85E-05	2.54E-06	4.38E-05	6.01E-06	1.07E-05	1.07E-05	2.19E-01	4.08E-02	4.96E-01	7.22E-02
2236	Gridded	3.16E-05	4.46E-06	5.96E-06	9.60E-07	4.12E-04	5.18E-05	4.15E-04	5.42E-05	3.81E-04	6.29E-05	9.86E-06	1.22E-06	1.65E-03	2.06E-04	1.69E-03	2.44E-04	1.97E-03	3.60E-04	4.13E-04	5.23E-05	7.80E-05	9.63E-06	2.26E-05	2.79E-06	5.34E-05	6.59E-06	1.09E-05	1.09E-05	2.26E-01	3.67E-02	4.08E-01	6.57E-02
2237	Gridded	3.69E-05	3.79E-06	7.17E-06	8.06E-07	4.69E-04	4.53E-05	4.76E-04	4.69E-05	4.61E-04	5.27E-05	1.12E-05	1.07E-06	1.87E-03	1.81E-04	1.98E-03	2.07E-04	2.01E-03	2.79E-04	4.70E-04	4.57E-05	8.84E-05	8.48E-06	2.56E-05	2.45E-06	6.05E-05	5.80E-06	8.84E-06	8.84E-06	2.34E-01	2.89E-02	4.38E-01	5.20E-02
2238	Gridded	5.59E-05	4.70E-06	1.16E-05	9.91E-07	6.72E-04	5.57E-05	6.96E-04	5.79E-05	7.56E-04	6.47E-05	1.59E-05	1.31E-06	2.68E-03	2.22E-04	3.04E-03	2.56E-04	3.46E-03	3.28E-04	6.78E-04	5.62E-05	1.26E-04	1.04E-05	3.64E-05	3.01E-06	8.60E-05	7.11E-06	1.07E-05	1.07E-05	3.25E-01	3.25E-02	5.21E-01	5.29E-02
2239	Gridded	4.56E-05	3.98E-06	9.22E-06	8.37E-07	5.61E-04	4.74E-05	5.76E-04	4.92E-05	5.98E-04	5.46E-05	1.33E-05	1.12E-06	2.24E-03	1.89E-04	2.47E-03	2.17E-04	3.31E-03	2.74E-04	5.64E-04	4.78E-05	1.05E-04	8.85E-06	3.05E-05	2.56E-06	7.21E-05	6.06E-06	8.89E-06	8.89E-06	4.47E-01	3.50E-02	7.23E-01	5.73E-02
2240	Gridded	3.92E-05	2.81E-06	7.88E-06	6.09E-07	4.85E-04	3.24E-05	4.97E-04	3.40E-05	5.10E-04	4.00E-05	1.15E-05	7.59E-07	1.94E-03	1.29E-04	2.12E-03	1.54E-04	2.35E-03	2.38E-04	4.88E-04	3.27E-05	9.11E-05	6.01E-06	2.64E-05	1.74E-06	6.24E-05	4.11E-06	7.05E-06	7.05E-06	4.21E-01	2.86E-02	7.19E-01	5.54E-02
2241	Gridded	4.24E-05	3.99E-06	8.79E-06	8.91E-07	5.11E-04	4.48E-05	5.29E-04	4.75E-05	5.72E-04	5.87E-05	1.21E-05	1.05E-06	2.04E-03	1.78E-04	2.31E-03	2.20E-04	2.63E-03	3.97E-04	5.15E-04	4.54E-05	9.57E-05	8.28E-06	2.77E-05	2.40E-06	6.55E-05	5.67E-06	1.10E-05	1.10E-05	3.36E-01	3.11E-02	5.95E-01	4.98E-02
2242	Gridded	2.21E-05	3.23E-06	4.62E-06	7.12E-07	2.64E-04	3.67E-05	2.74E-04	3.87E-05	3.01E-04	4.68E-05	6.23E-06	8.58E-07	1.05E-03	1.46E-04	1.20E-03	1.77E-04	1.58E-03	3.00E-04	2.66E-04	3.71E-05	4.93E-05	6.79E-06	1.43E-05	1.97E-06	3.38E-05	4.65E-06	8.54E-06	8.54E-06	2.44E-01	2.95E-02	4.26E-01	4.99E-02
2243	Gridded	1.95E-05	3.31E-06	4.11E-06	7.15E-07	2.32E-04	3.85E-05	2.41E-04	4.03E-05	2.68E-04	4.68E-05	5.48E-06	9.04E-07	9.25E-04	1.53E-04	1.06E-03	1.81E-04	1.38E-03	2.69E-04	2.34E-04	3.89E-05	4.34E-05	7.15E-06	1.26E-05	2.07E-06	2.97E-05	4.89E-06	8.13E-06	8.13E-06	2.10E-01	2.61E-02	3.64E-01	4.82E-02
2244	Gridded	1.93E-05	3.32E-06	3.99E-06	6.99E-07	2.34E-04	3.95E-05	2.42E-04	4.11E-05	2.60E-04	4.56E-05	5.53E-06	9.32E-07	9.33E-04	1.57E-04	1.05E-03	1.81E-04	1.14E-03	2.26E-04	2.36E-04	3.99E-05	4.38E-05	7.38E-06	1.27E-05	2.14E-06	3.00E-05	5.05E-06	7.45E-06	7.45E-06	1.89E-01	1.92E-02	3.49E-01	3.77E-02
2245	Gridded	2.37E-05	3.31E-06	5.04E-06	7.07E-07	2.78E-04	3.88E-05	2.90E-04	4.05E-05	3.30E-04	4.63E-05	6.54E-06	9.13E-07	1.11E-03	1.55E-04	1.29E-03	1.81E-04	3.03E-03	2.52E-04	2.81E-04	3.92E-05	5.18E-05	7.23E-06	1.50E-05	2.09E-06	3.54E-05	4.95E-06	7.85E-06	7.85E-06	2.18E-01	4.14E-02	5.01E-01	1.03E-01
2246	Gridded	3.40E-05	3.73E-06	7.45E-06	8.38E-07	3.90E-04	4.16E-05	4.10E-04	4.42E-05	4.89E-04	5.53E-05	9.13E-06	9.70E-07	1.55E-03	1.65E-04	1.87E-03	2.05E-04	3.02E-03	3.84E-04	3.94E-04	4.22E-05	7.23E-05	7.68E-06	2.09E-05	2.22E-06	4.95E-05	5.25E-06	1.05E-05	1.05E-05	2.64E-01	4.69E-02	5.98E-01	1.14E-01
2247	Gridded	3.06E-05	5.60E-06	6.63E-06	1.21E-06	3.54E-04	6.49E-05	3.72E-04	6.80E-05	4.35E-04	7.93E-05	8.32E-06	1.52E-06	1.41E-03	2.58E-04	1.68E-03	3.06E-04	2.55E-03	4.60E-04	3.58E-04	6.56E-05	6.58E-05	1.21E-05	1.91E-05	3.49E-06	4.51E-05	8.26E-06	1.38E-05	1.38E-05	2.20E-01	4.54E-02	5.51E-01	9.15E-02
2248	Gridded	2.93E-05	5.70E-06	6.42E-06	1.20E-06	3.36E-04	6.78E-05	3.53E-04	7.04E-05	4.21E-04	7.83E-05	7.86E-06	1.60E-06	1.33E-03	2.70E-04	1.61E-03	3.11E-04	2.94E-03	4.73E-04	3.39E-04	6.84E-05	6.22E-05	1.27E-05	1.80E-05	3.66E-06	4.26E-05	8.66E-06	1.28E-05	1.28E-05	2.04E-01	4.27E-02	6.70E-01	6.73E-02
2249	Gridded	3.07E-05	6.23E-06	6.66E-06	1.34E-06	3.53E-04	7.23E-05	3.71E-04	7.57E-05	4.37E-04	8.79E-05	8.29E-06	1.70E-06	1.41E-03	2.88E-04	1.68E-03	3.40E-04	3.71E-03	6.08E-04	3.57E-04	7.31E-05	6.56E-05	1.35E-05	1.90E-05	3.89E-06	4.49E-05	9.20E-06	1.53E-05	1.53E-05	2.59E-01	3.73E-02	5.88E-01	8.92E-02
2250	Gridded	2.61E-05	5.18E-06	5.65E-06	1.09E-06	3.08E-04	6.16E-05	3.20E-04	6.39E-05	3.70E-04	7.12E-05	7.25E-06	1.45E-06	1.23E-03	2.45E-04	1.43E-03	2.82E-04	3.30E-03	3.77E-04	3.11E-04	6.21E-05	5.74E-05	1.15E-05	1.66E-05	3.33E-06	3.93E-05	7.86E-06	1.17E-05	1.17E-05	2.46E-01	4.55E-02	5.30E-01	9.76E-02
2251	Gridded	2.39E-05	4.31E-06	5.18E-06	9.23E-07	2.76E-04	5.04E-05	2.89E-04	5.26E-05	3.40E-04	6.05E-05	6.46E-06	1.18E-06	1.10E-03	2.00E-04	1.31E-03	2.35E-04	2.74E-03	4.65E-04	2.79E-04	5.09E-05	5.12E-05	9.37E-06	1.48E-05	2.71E-06	3.50E-05	6.41E-06	1.21E-05	1.21E-05	1.85E-01	5.70E-02	4.67E-01	1.26E-01
2252	Gridded	3.61E-05	7.72E-06	7.67E-06	1.69E-06	4.68E-04	8.83E-05	4.72E-04	9.29E-05	5.04E-04	1.11E-04	1.12E-05	2.07E-06	1.87E-03	3.51E-04	1.93E-03	4.23E-04	3.22E-03	6.88E-04	4.69E-04	8.93E-05	8.86E-05	1.64E-05	2.57E-05	4.74E-06	6.06E-05	1.12E-05	1.99E-05	1.99E-05	2.27E-01	7.57E-02	5.68E-01	1.42E-01
2253	Gridded	4.36E-05	6.80E-06	7.99E-06	1.44E-06	5.80E-04	8.04E-05	5.81E-04	8.37E-05	5.07E-04	9.41E-05	1.39E-05	1.89E-06	2.32E-03	3.20E-04	2.33E-03	3.71E-04	2.40E-03	4.87E-04	5.80E-04	8.11E-05	1.10E-04	1.50E-05	3.19E-05	4.34E-06	7.54E-05	1.03E-05	1.56E-05	1.56E-05	2.96E-01	7.10E-02	6.42E-01	1.22E-01
2254	Gridded	2.80E-05	6.25E-06	5.48E-06	1.36E-06	3.55E-04	7.18E-05	3.61E-04	7.55E-05	3.53E-04	8.93E-05	8.45E-06	1.68E-06	1.42E-03	2.86E-04	1.51E-03	3.42E-04	3.14E-03	5.40E-04	3.56E-04	7.26E-05	6.69E-05	1.33E-05	1.94E-05	3.86E-06	4.57E-05	9.12E-06	1.59E-05	1.59E-05	2.72E-01	4.67E-02	5.31E-01	7.74E-02
2255	Gridded	3.06E-05	6.46E-06	5.83E-06	1.42E-06	3.95E-04	7.36E-05	3.99E-04	7.76E-05	3.76E-04	9.34E-05	9.44E-06	1.72E-06	1.58E-03	2.93E-04	1.64E-03	3.54E-04	4.74E-03	5.90E-04	3.96E-04	7.45E-05	7.47E-05	1.36E-05	2.16E-05	3.95E-06	5.11E-05	9.33E-06	1.69E-05	1.69E-05	3.03E-01	3.74E-02	6.90E-01	8.08E-02
2256	Gridded	4.96E-05	5.24E-06	1.02E-05	1.11E-06	6.01E-04	6.18E-05	6.20E-04	6.43E-05	6.64E-04	7.35E-05	1.42E-05	1.45E-06	2.40E-03	2.46E-04	2.69E-03	2.86E-04	2.86E-03	5.70E-04	6.05E-04	6.23E-05	1.13E-04	1.15E-05	3.26E-05	3.33E-06	7.70E-05	7.88E-06	1.47E-05	1.47E-05	2.80E-01	5.73E-02	8.14E-01	1.10E-01
2257	Gridded	2.93E-05	7.34E-06	6.24E-06	1.61E-06	3.45E-04	8.40E-05	3.60E-04	8.84E-05	4.08E-04	1.06E-04	8.12E-06	1.97E-06	1.37E-03	3.34E-04	1.60E-03	4.02E-04	4.23E-03	6.53E-04	3.48E-04	8.49E-05	6.43E-05	1.56E-05	1.86E-05	4.51E-06	4.40E-05	1.07E-05	1.89E-05	1.89E-05	2.48E-01	6.80E-02	7.94E-01	1.70E-01
2258	Gridded	2.51E-05	5.28E-06	5.14E-06	1.11E-06	3.05E-04	6.38E-05	3.14E-04	6.59E-05	3.34E-04	7.29E-05	7.22E-06	1.51E-06	1.22E-03	2.54E-04	1.36E-03	2.87E-04	1.84E-03	4.42E-04	3.07E-04	6.42E-05	5.71E-05	1.19E-05	1.65E-05	3.45E-06	3.91E-05	8.17E-06	1.30E-05	1.30E-05	2.47E-01	6.10E-02	7.02E-01	1.14E-01
2259	Gridded	1.76E-05	3.32E-06	3.86E-06	7.40E-07	2.01E-04	3.74E-05	2.11E-04	3.96E-05	2.54E-04	4.87E-05	4.70E-06	8.74E-07	7.98E-04	1.49E-04	9.65E-04	1.83E-04	1.60E-03	3.25E-04	2.03E-04	3.79E-05	3.72E-05	6.92E-06	1.08E-05	2.00E-06	2.54E-05	4.73E-06	9.06E-06	9.06E-06	2.22E-01	4.03E-02	6.17E-01	6.07E-02
2260	Gridded	2.04E-05	2.99E-06	4.23E-06	6.44E-07	2.45E-04	3.49E-05	2.54E-04	3.65E-05	2.75E-04	4.22E-05	5.80E-06	8.19E-07	9.78E-04	1.39E-04	1.11E-03	1.64E-04	1.48E-03	2.46E-04	2.47E-04	3.52E-05	4.59E-05	6.48E-06	1.33E-05	1.88E-06	3.14E-05	4.44E-06	7.28E-06	7.28E-06	1.85E-01	3.23E-02	4.53E-01	6.22E-02
2261	Gridded	2.06E-05	3.50E-06	4.32E-06	7.54E-07	2.45E-04	4.06E-05	2.55E-04	4.25E-05	2.82E-04	4.94E-05	5.79E-06	9.53E-07	9.78E-04	1.62E-04	1.12E-03	1.91E-04	1.38E-03	2.84E-04	2.48E-04	4.10E-05	4.58E-05	7.55E-06	1.33E-05	2.18E-06	3.14E-05	5.16E-06	8.59E-06	8.59E-06	1.72E-01	3.35E-02	4.98E-01	1.00E-01
2262	Gridded	1.81E-05	2.72E-06	4.00E-06	5.91E-07	2.05E-04	3.15E-05	2.17E-04	3.30E-05	2.63E-04	3.88E-05	4.81E-06	7.40E-07	8.17E-04	1.25E-04	9.94E-04	1.49E-04	1.69E-03	2.33E-04	2.08E-04	3.18E-05	3.80E-05	5.86E-06	1.10E-05	1.70E-06	2.60E-05	4.01E-06	6.87E-06	6.87E-06	1.54E-01	3.22E-02	4.65E-01	6.73E-02
2263	Gridded	1.70E-05	3.11E-06	3.77E-06	6.74E-07	1.91E-04	3.59E-05	2.02E-04	3.76E-05	2.48E-04	4.42E-05	4.47E-06	8.42E-07	7.61E-04	1.43E-04	9.33E-04	1.70E-04	1.65E-03	2.67E-04	1.94E-04	3.63E-05	3.54E-05	6.66E-06	1.02E-05	1.93E-06	2.42E-05	4.56E-06	7.77E-06	7.77E-06	1.62E-01	2.74E-02	3.61E-01	4.82E-02

Scenario 1 Results

2264	Gridded	2.56E-05	3.36E-06	5.24E-06	7.38E-07	3.13E-04	3.84E-05	3.22E-04	4.03E-05	3.40E-04	4.85E-05	7.40E-06	9.00E-07	1.25E-03	1.53E-04	1.39E-03	1.84E-04	1.51E-03	3.07E-04	3.15E-04	3.88E-05	5.86E-05	7.13E-06	1.70E-05	2.06E-06	4.01E-05	4.88E-06	8.81E-06	8.81E-06	2.33E-01	3.02E-02	4.82E-01	4.94E-02
2265	Gridded	2.87E-05	2.75E-06	6.07E-06	6.17E-07	3.40E-04	3.09E-05	3.54E-04	3.26E-05	3.96E-04	4.07E-05	8.02E-06	7.24E-07	1.36E-03	1.23E-04	1.57E-03	1.51E-04	2.02E-03	2.82E-04	3.43E-04	3.12E-05	6.35E-05	5.73E-06	1.84E-05	1.66E-06	4.34E-05	3.92E-06	7.71E-06	7.71E-06	3.03E-01	3.72E-02	6.43E-01	7.34E-02
2266	Gridded	2.43E-05	2.97E-06	4.79E-06	6.49E-07	3.24E-04	3.41E-05	3.24E-04	3.58E-05	3.12E-04	4.26E-05	7.78E-06	7.99E-07	1.30E-03	1.36E-04	1.30E-03	1.63E-04	1.60E-03	2.74E-04	3.24E-04	3.45E-05	6.16E-05	6.32E-06	1.78E-05	1.83E-06	4.21E-05	4.33E-06	7.72E-06	7.72E-06	2.74E-01	3.36E-02	5.40E-01	5.92E-02
2267	Gridded	2.19E-05	3.55E-06	3.99E-06	7.59E-07	2.92E-04	4.16E-05	2.92E-04	4.34E-05	2.54E-04	4.97E-05	7.00E-06	9.77E-07	1.17E-03	1.65E-04	1.17E-03	1.94E-04	1.68E-03	2.72E-04	2.92E-04	4.20E-05	5.54E-05	7.74E-06	1.60E-05	2.24E-06	3.79E-05	5.29E-06	8.45E-06	8.45E-06	2.00E-01	2.69E-02	4.67E-01	5.43E-02
2268	Gridded	2.27E-05	4.64E-06	4.82E-06	1.01E-06	3.02E-04	5.34E-05	3.02E-04	5.61E-05	3.17E-04	6.63E-05	7.26E-06	1.25E-06	1.21E-03	2.12E-04	1.21E-03	2.54E-04	2.13E-03	4.00E-04	3.02E-04	5.40E-05	5.75E-05	9.91E-06	1.66E-05	2.87E-06	3.93E-05	6.78E-06	1.18E-05	1.18E-05	2.35E-01	4.57E-02	5.45E-01	8.46E-02
2269	Gridded	2.71E-05	3.59E-06	5.18E-06	7.92E-07	3.48E-04	4.07E-05	3.52E-04	4.29E-05	3.33E-04	5.21E-05	8.32E-06	9.51E-07	1.39E-03	1.62E-04	1.45E-03	1.97E-04	1.81E-03	3.36E-04	3.49E-04	4.12E-05	6.59E-05	7.53E-06	1.91E-05	2.18E-06	4.51E-05	5.15E-06	9.53E-06	9.53E-06	2.68E-01	4.83E-02	5.69E-01	9.70E-02
2270	Gridded	1.94E-05	4.78E-06	4.33E-06	1.04E-06	2.21E-04	5.50E-05	2.32E-04	5.78E-05	2.85E-04	6.82E-05	5.23E-06	1.29E-06	8.80E-04	2.19E-04	1.07E-03	2.62E-04	1.90E-03	4.09E-04	2.22E-04	5.57E-05	4.14E-05	1.02E-05	1.20E-05	2.96E-06	2.83E-05	6.99E-06	1.21E-05	1.21E-05	3.16E-01	4.17E-02	7.27E-01	8.72E-02
2271	Gridded	2.09E-05	4.61E-06	4.54E-06	1.02E-06	2.41E-04	5.25E-05	2.53E-04	5.54E-05	2.98E-04	6.68E-05	5.65E-06	1.23E-06	9.58E-04	2.09E-04	1.14E-03	2.53E-04	1.78E-03	4.24E-04	2.43E-04	5.31E-05	4.47E-05	9.73E-06	1.29E-05	2.82E-06	3.06E-05	6.66E-06	1.21E-05	1.21E-05	1.84E-01	4.04E-02	4.63E-01	7.14E-02
2272	Gridded	1.67E-05	4.86E-06	3.62E-06	1.06E-06	1.93E-04	5.60E-05	2.02E-04	5.87E-05	2.38E-04	6.93E-05	4.52E-06	1.31E-06	7.67E-04	2.23E-04	9.14E-04	2.66E-04	1.43E-03	4.15E-04	1.95E-04	5.66E-05	3.58E-05	1.04E-05	1.04E-05	3.01E-06	2.45E-05	7.11E-06	1.23E-05	1.23E-05	1.46E-01	2.96E-02	4.34E-01	5.66E-02
2273	Gridded	1.94E-05	5.15E-06	4.23E-06	1.10E-06	2.23E-04	6.02E-05	2.34E-04	6.28E-05	2.77E-04	7.21E-05	5.22E-06	1.41E-06	8.86E-04	2.39E-04	1.06E-03	2.81E-04	2.32E-03	4.25E-04	2.25E-04	6.08E-05	4.13E-05	1.12E-05	1.20E-05	3.24E-06	2.83E-05	7.66E-06	1.23E-05	1.23E-05	1.73E-01	4.07E-02	4.28E-01	8.17E-02
2274	Gridded	6.73E-05	4.37E-06	1.38E-05	9.37E-07	8.18E-04	5.10E-05	8.43E-04	5.33E-05	8.99E-04	6.13E-05	1.93E-05	1.20E-06	3.26E-03	2.03E-04	3.65E-03	2.39E-04	3.79E-03	3.56E-04	8.23E-04	5.15E-05	1.53E-04	9.50E-06	4.43E-05	2.75E-06	1.05E-04	6.50E-06	1.05E-05	1.05E-05	2.47E-01	4.48E-02	5.22E-01	6.56E-02
2275	Gridded	4.18E-05	5.59E-06	8.98E-06	1.21E-06	4.87E-04	6.47E-05	5.09E-04	6.78E-05	5.88E-04	7.93E-05	1.14E-05	1.52E-06	1.94E-03	2.57E-04	2.28E-03	3.06E-04	3.31E-03	4.71E-04	4.92E-04	6.53E-05	9.06E-05	1.20E-05	2.62E-05	3.48E-06	6.20E-05	8.22E-06	1.39E-05	1.39E-05	2.50E-01	5.56E-02	4.79E-01	1.15E-01
2276	Gridded	3.76E-05	4.04E-06	7.66E-06	8.93E-07	4.60E-04	4.61E-05	4.73E-04	4.83E-05	4.97E-04	5.88E-05	1.09E-05	1.08E-06	1.84E-03	1.84E-04	2.04E-03	2.22E-04	2.28E-03	3.81E-04	4.63E-04	4.66E-05	8.63E-05	8.58E-06	2.50E-05	2.48E-06	5.91E-05	5.87E-06	1.08E-05	1.08E-05	3.93E-01	4.33E-02	6.55E-01	6.64E-02
2277	Gridded	2.98E-05	4.04E-06	6.49E-06	8.83E-07	3.43E-04	4.64E-05	3.60E-04	4.88E-05	4.26E-04	5.80E-05	8.04E-06	1.09E-06	1.36E-03	1.85E-04	1.63E-03	2.22E-04	2.57E-03	3.64E-04	3.47E-04	4.69E-05	6.36E-05	8.61E-06	1.84E-05	2.49E-06	4.35E-05	5.89E-06	1.04E-05	1.04E-05	4.44E-01	3.90E-02	1.38E+00	8.41E-02
2278	Gridded	2.49E-05	3.77E-06	5.44E-06	8.22E-07	2.86E-04	4.32E-05	3.01E-04	4.54E-05	3.57E-04	5.40E-05	6.71E-06	1.01E-06	1.14E-03	1.72E-04	1.37E-03	2.06E-04	2.17E-03	3.29E-04	2.90E-04	4.37E-05	5.31E-05	8.02E-06	1.54E-05	2.32E-06	3.64E-05	5.49E-06	9.63E-06	9.63E-06	3.76E-01	3.72E-02	9.33E-01	1.00E-01
2279	Gridded	2.73E-05	3.58E-06	5.69E-06	7.77E-07	3.27E-04	4.13E-05	3.38E-04	4.33E-05	3.71E-04	5.10E-05	7.71E-06	9.68E-07	1.30E-03	1.64E-04	1.48E-03	1.96E-04	2.27E-03	3.10E-04	3.29E-04	4.17E-05	6.10E-05	7.67E-06	1.77E-05	2.22E-06	4.18E-05	5.25E-06	8.99E-06	8.99E-06	1.92E-01	3.40E-02	5.04E-01	5.84E-02
2280	Gridded	2.80E-05	3.66E-06	5.97E-06	8.05E-07	3.29E-04	4.22E-05	3.43E-04	4.43E-05	3.90E-04	5.29E-05	7.75E-06	9.88E-07	1.31E-03	1.68E-04	1.53E-03	2.01E-04	2.36E-03	3.36E-04	3.32E-04	4.26E-05	6.13E-05	7.82E-06	1.78E-05	2.27E-06	4.20E-05	5.35E-06	9.61E-06	9.61E-06	2.40E-01	3.26E-02	5.69E-01	6.18E-02
2281	Gridded	2.65E-05	4.97E-06	5.68E-06	1.09E-06	3.10E-04	5.70E-05	3.24E-04	5.99E-05	3.72E-04	7.13E-05	7.29E-06	1.34E-06	1.23E-03	2.27E-04	1.45E-03	2.72E-04	2.33E-03	4.38E-04	3.13E-04	5.76E-05	5.77E-05	1.06E-05	1.67E-05	3.06E-06	3.95E-05	7.23E-06	1.28E-05	1.28E-05	2.51E-01	3.28E-02	5.72E-01	7.78E-02
2282	Gridded	2.84E-05	4.82E-06	6.30E-06	1.06E-06	3.22E-04	5.49E-05	3.40E-04	5.79E-05	4.15E-04	6.97E-05	7.52E-06	1.29E-06	1.28E-03	2.18E-04	1.56E-03	2.64E-04	2.71E-03	4.41E-04	3.26E-04	5.56E-05	5.96E-05	1.02E-05	1.72E-05	2.95E-06	4.08E-05	6.96E-06	1.26E-05	1.26E-05	2.41E-01	3.28E-02	4.71E-01	6.06E-02
2283	Gridded	2.70E-05	4.88E-06	5.95E-06	1.08E-06	3.07E-04	5.54E-05	3.24E-04	5.85E-05	3.91E-04	7.07E-05	7.18E-06	1.30E-06	1.22E-03	2.20E-04	1.48E-03	2.68E-04	2.50E-03	4.53E-04	3.11E-04	5.61E-05	5.68E-05	1.03E-05	1.65E-05	2.97E-06	3.89E-05	7.02E-06	1.29E-05	1.29E-05	2.18E-01	3.46E-02	3.85E-01	5.97E-02
2284	Gridded	2.74E-05	5.71E-06	6.04E-06	1.25E-06	3.12E-04	6.52E-05	3.29E-04	6.86E-05	3.97E-04	8.25E-05	7.30E-06	1.53E-06	1.24E-03	2.59E-04	1.51E-03	3.13E-04	2.53E-03	5.18E-04	3.16E-04	6.59E-05	5.78E-05	1.21E-05	1.67E-05	3.50E-06	3.96E-05	8.26E-06	1.49E-05	1.49E-05	2.05E-01	3.23E-02	4.52E-01	4.95E-02
2285	Gridded	3.08E-05	4.82E-06	6.54E-06	1.05E-06	3.64E-04	5.52E-05	3.79E-04	5.81E-05	4.27E-04	6.93E-05	8.56E-06	1.29E-06	1.45E-03	2.20E-04	1.68E-03	2.64E-04	2.25E-03	4.27E-04	3.67E-04	5.59E-05	6.78E-05	1.02E-05	1.96E-05	2.97E-06	4.64E-05	7.01E-06	1.24E-05	1.24E-05	2.27E-01	2.90E-02	5.25E-01	5.63E-02
2286	Gridded	2.76E-05	4.31E-06	5.94E-06	9.28E-07	3.39E-04	5.01E-05	3.48E-04	5.24E-05	3.91E-04	6.08E-05	8.02E-06	1.18E-06	1.35E-03	1.99E-04	1.50E-03	2.36E-04	2.56E-03	3.48E-04	3.41E-04	5.06E-05	6.35E-05	9.31E-06	1.84E-05	2.69E-06	4.35E-05	6.37E-06	1.05E-05	1.05E-05	2.34E-01	3.55E-02	4.87E-01	6.05E-02
2287	Gridded	2.51E-05	4.37E-06	5.45E-06	9.60E-07	3.31E-04	4.98E-05	3.32E-04	5.24E-05	3.58E-04	6.31E-05	7.93E-06	1.16E-06	1.32E-03	1.98E-04	1.36E-03	2.40E-04	2.30E-03	3.99E-04	3.31E-04	5.04E-05	6.28E-05	9.22E-06	1.82E-05	2.67E-06	4.30E-05	6.31E-06	1.14E-05	1.14E-05	2.14E-01	3.89E-02	3.79E-01	6.93E-02
2288	Gridded	3.62E-05	5.03E-06	6.82E-06	1.09E-06	4.72E-04	5.83E-05	4.75E-04	6.11E-05	4.36E-04	7.12E-05	1.13E-05	1.37E-06	1.89E-03	2.32E-04	1.94E-03	2.75E-04	2.31E-03	4.12E-04	4.73E-04	5.89E-05	8.94E-05	1.08E-05	2.59E-05	3.14E-06	6.11E-05	7.41E-06	1.24E-05	1.24E-05	2.37E-01	3.56E-02	4.23E-01	6.43E-02
2289	Gridded	4.94E-05	4.79E-06	9.59E-06	1.02E-06	6.30E-04	5.74E-05	6.39E-04	5.94E-05	6.17E-04	6.64E-05	1.50E-05	1.36E-06	2.51E-03	2.29E-04	2.66E-03	2.60E-04	3.27E-03	3.52E-04	6.32E-04	5.79E-05	1.19E-04	1.07E-05	3.44E-05	3.11E-06	8.13E-05	7.35E-06	1.11E-05	1.11E-05	2.67E-01	3.36E-02	4.84E-01	6.26E-02
2290	Gridded	5.33E-05	4.65E-06	1.11E-05	9.79E-07	6.38E-04	5.52E-05	6.61E-04	5.74E-05	7.24E-04	6.39E-05	1.51E-05	1.30E-06	2.54E-03	2.20E-04	2.90E-03	2.53E-04	3.41E-03	3.30E-04	6.43E-04	5.57E-05	1.19E-04	1.03E-05	3.45E-05	2.98E-06	8.16E-05	7.05E-06	1.05E-05	1.05E-05	3.10E-01	3.17E-02	4.90E-01	5.27E-02
2291	Gridded	3.90E-05	3.68E-06	7.89E-06	7.72E-07	4.79E-04	4.39E-05	4.92E-04	4.55E-05	5.11E-04	5.03E-05	1.14E-05	1.03E-06	1.91E-03	1.75E-04	2.11E-03	2.00E-04	2.97E-03	2.46E-04	4.82E-04	4.42E-05	8.99E-05	8.19E-06	2.60E-05	2.37E-06	6.15E-05	5.60E-06	8.16E-06	8.16E-06	3.60E-01	2.99E-02	5.52E-01	4.87E-02
2292	Gridded	3.90E-05	3.29E-06	8.22E-06	6.84E-07	4.64E-04	3.95E-05	4.82E-04	4.09E-05	5.36E-04	4.46E-05	1.09E-05	9.33E-07	1.85E-03	1.57E-04	2.13E-03	1.79E-04	2.69E-03	2.26E-04	4.68E-04	3.98E-05	8.66E-05	7.39E-06	2.51E-05	2.14E-06	5.92E-05	5.06E-06	7.07E-06	7.07E-06	4.54E-01	3.23E-02	7.58E-01	5.75E-02
2293	Gridded	3.39E-05	2.66E-06	6.85E-06	5.86E-07	4.17E-04	3.04E-05	4.28E-04	3.20E-05	4.44E-04	3.85E-05	9.90E-06	7.18E-07	1.66E-03	1.21E-04	1.83E-03	1.46E-04	2.32E-03	2.44E-04	4.20E-04	3.07E-05	7.84E-05	5.68E-06	2.27E-05	1.64E-06	5.36E-05	3.89E-06	6.99E-06	6.99E-06	3.00E-01	2.49E-02	5.09E-01	4.80E-02
2294	Gridded	2.30E-05	2.49E-06	4.71E-06	5.53E-07	2.80E-04	2.82E-05	2.89E-04	2.98E-05	3.06E-04	3.64E-05	6.63E-06	6.58E-07	1.12E-03	1.12E-04	1.25E-03	1.37E-04	1.34E-03	2.40E-04	2.82E-04	2.85E-05	5.25E-05	5.21E-06	1.52E-05	1.51E-06	3.59E-05	3.57E-06	6.73E-06	6.73E-06	2.43E-01	2.62E-02	4.04E-01	4.37E-02
2295	Gridded	2.06E-05	3.20E-06	4.42E-06	7.07E-07	2.46E-04	3.62E-05	2.55E-04	3.82E-05	2.89E-04	4.65E-05	5.82E-06	8.47E-07	9.82E-04	1.44E-04	1.12E-03	1.76E-04	1.68E-03	3.02E-04	2.48E-04	3.67E-05	4.61E-05	6.71E-06	1.33E-05	1.94E-06	3.15E-05	4.59E-06	8.54E-06	8.54E-06	2.49E-01	2.85E-02	4.32E-01	5.21E-02
2296	Gridded	3.07E-05	3.80E-06	6.69E-06	8.46E-07	3.53E-04	4.29E-05	3.71E-04	4.53E-05	4.39E-04	5.57E-05	8.27E-06	1.00E-06	1.40E-03	1.70E-04	1.68E-03	2.09E-04	2.66E-03	3.70E-04	3.57E-04	4.34E-05	6.55E-05	7.93E-06	1.90E-05	2.29E-06	4.48E-05	5.42E-06	1.03E-05	1.03E-05	2.32E-01	4.25E-02	5.62E-01	1.02E-01
2297	Gridded	2.41E-05	4.99E-06	5.20E-06	1.07E-06	2.81E-04	5.83E-05	2.94E-04	6.09E-05	3.41E-04	7.01E-05	6.59E-06	1.37E-06	1.12E-03	2.32E-04	1.32E-03	2.73E-04	1.95E-03	3.89E-04	2.84E-04	5.89E-05	5.22E-05	1.09E-05	1.51E-05	3.14E-06	3.57E-05	7.43E-06	1.20E-05	1.20E-05	1.77E-01	4.00E-02	5.34E-01	7.58E-02
2298	Gridded	2.89E-05	5.28E-06	6.31E-06	1.11E-06	3.31E-04	6.30E-05	3.48E-04	6.54E-05	4.15E-04	7.21E-05	7.75E-06	1.49E-06	1.31E-03	2.51E-04	1.58E-03	2.87E-04	2.97E-03	4.94E-04	3.34E-04	6.35E-05	6.13E-05	1.18E-05	1.78E-05	3.41E-06	4.20E-05	8.05E-06	1.17E-05	1.17E-05	1.97E-01	3.85E-02	6.37E-01	6.67E-02
2299	Gridded	2.32E-05	5.07E-06	5.01E-06	1.09E-06	2.71E-04	5.92E-05	2.81E-04	6.19E-05	3.29E-04	7.12E-05	6.41E-06	1.39E-06	1.08E-03	2.36E-04	1.27E-03	2.77E-04	2.91E-03	4.63E-04	2.73E-04	5.98E-05	5.07E-05	1.10E-05	1.47E-05	3.19E-06	3.47E-05	7.54E-06	1.22E-05	1.22E-05	2.28E-01	3.34E-02	5.49E-01	8.19E-02
2300	Gridded	2.32E-05	4.40E-06	5.02E-06	9.23E-07	2.68E-04	5.25E-05	2.81E-04	5.45E-05	3.29E-04	6.02E-05	6.33E-06	1.24E-06	1.07E-03	2.09E-04	1.27E-03	2.40E-04	2.90E-03	3.06E-04	2.71E-04	5.29E-05	5.01E-05	9.81E-06	1.45E-05	2.84E-06	3.43E-05	6.71E-06	9.76E-06	9.76E-06	2.21E-01	4.17E-02	4.66E-01	9.04E-02
2301	Gridded	2.22E-05	4.02E-06	4.82E-06	8.64E-07	2.57E-04	4.70E-05	2.69E-04	4.91E-05	3.16E-04	5.69E-05	6.03E-06	1.10E-06	1.02E-03	1.87E-04	1.22E-03	2.20E-04	2.52E-03	4.40E-04	2.60E-04	4.74E-05	4.77E-05	8.74E-06	1.38E-05	2.53E-06	3.26E-05	5.98E-06	1.14E-05	1.14E-05	1.70E-01	5.32E-02	4.27E-01	1.17E-01
2302	Gridded	2.81E-05	6.01E-06	5.94E-06	1.32E-06	3.64E-04	6.88E-05	3.67E-04	7.24E-05	3.90E-04	8.65E-05	8.70E-06	1.61E-06	1.45E-03	2.74E-04	1.51E-03	3.30E-04	2.44E-03	5.35E-04	3.65E-04	6.96E-05	6.89E-05	1.28E-05	1.99E-05	3.70E-06	4.71E-05	8.74E-06	1.55E-05	1.55E-05	1.94E-01	6.29E-02	4.72E-01	1.18E-01
2303	Gridded	4.93E-05	7.84E-06	9.04E-06	1.67E-06	6.55E-04	9.24E-05	6.56E-04	9.63E-05	5.74E-04	1.09E-04	1.57E-05	2.18E-06	2.62E-03	3.68E-04	2.63E-03	4.28E-04	2.84E-03	5.77E-04	6.56E-04	9.32E-05	1.24E-04	1.72E-05	3.60E-05	4.98E-06	8.52E-05	1.18E-05	1.83E-05	1.83E-05	2.90E-01	7.25E-02	6.45E-01	1.27E-01
2304	Gridded	3.81E-05	7.09E-06	7.56E-06	1.55E-06	4.77E-04	8.14E-05	4.87E-04	8.56E-05	4.88E-04	1.02E-04	1.13E-05	1.91E-06	1.90E-03	3.24E-04	2.06E-03	3.89E-04	4.22E-03	6.21E-04	4.79E-04	8.23E-05	8.98E-05	1.51E-05	2.60E-05	4.37E-06	6.15E-05	1.03E-05	1.81E-05	1.81E-05	3.00E-01	5.38E-02	6.16E-01	9.51E-02
2305	Gridded	2.25E-05	5.88E-06	4.57E-06	1.29E-06	2.92E-04	6.71E-05	2.95E-04	7.06E-05	2.99E-04	8.49E-05	6.98E-06	1.57E-06	1.17E-03	2.67E-04	1.21E-03	3.22E-04	4.13E-03	5.34E-04	2.93E-04	6.78E-05	5.52E-05	1.24E-05	1.60E-05	3.60E-06	3.78E-05	8.50E-06	1.53E-05	1.53E-05	2.78E-01	3.27E-02	6.12E-01	6.66E-02
2306	Gridded	4.06E-05	4.13E-06	8.14E-06	9.18E-07	5.03E-04	4.71E-05	5.15E-04	4.92E-05	5.27E-04	6.05E-05	1.19E-05	1.11E-06	2.01E-03	1.88E-04	2.19E-03	2.27E-04	2.03E-03	4.03E-04	5.05E-04	4.76E-05	9.45E-05	8.79E-06	2.73E-05	2.54E-06	6.46E-05	6.01E-06	1.12E-05	1.12E-05	2.11E-01	4.36E-02	6.60E-01	8.01E-02
2307	Gridded	3.01E-05	6.31E-06	7.09E-06	1.41E-06	3.19E-04	7.08E-05	3.45E-04	7.50E-05	4.71E-04	9.28E-05	7.36E-06	1.65E-06	1.26E-03	2.81E-04	1.67E-03	3.47E-04	3.89E-03	6.27E-04	3.25E-04	7.17E-05	5.83E-05	1.31E-05	1.69E-05	3.79E-06	3.99E-05	8.95E-06	1.74E-05	1.74E-05	2.56E-01	6.06E-02	6.86E-01	1.36E-01
2308	Gridded	2.60E-05	6.38E-06	5.50E-06	1.34E-06	3.07E-04	7.62E-05	3.19E-04	7.90E-05	3.60E-04	8.71E-05	7.22E-06	1.80E-06	1.22E-03	3.04E-04	1.42E-03	3.47E-04	2.67E-03	4.40E-04	3.09E-04	7.68E-05	5.72E-05	1.42E-05	1.66E-05	4.12E-06	3.91E-05	9.74E-06	1.41E-05	1.41E-05	2.60E-01	6.16E-02	7.63E-01	1.46E-01
2309	Gridded	2.29E-05	4.55E-06	5.03E-06	1.01E-06	2.62E-04	5.15E-05	2.76E-04	5.44E-05	3.31E-04	6.63E-05	6.14E-06	1.20E-06	1.04E-03	2.05E-04	1.26E-03	2.50E-04	2.06E-03	4.34E-04	2.65E-04	5.21E-05	4.86E-05	9.52E-06	1.41E-05	2.76E-06	3.33E-05	6.52E-06	1.22E-05	1.22E-05	2.53E-01	5.41E-02	6.60E-01	7.50E-02
2310	Gridded	2.25E-05	2.59E-06	4.79E-06	5.91E-07	2.63E-04	3.00E-05	2.75E-04	3.14E-05	3.14E-04	3.91E-05	6.19E-06	7.05E-07	1.05E-03	1.19E-04	1.23E-03	1.43E-04	1.70E-03	2.87E-04	2.66E-04	3.03E-05	4.90E-05	5.58E-06	1.42E-05	1.61E-06	3.35E-05	3.82E-06	7.61E-06	7.61E-06	1.97E-01	3.17E-02	4.95E-01	6.93E-02
2311	Gridded	1.70E-05	3.24E-06	3.82E-06	6.99E-07	1.91E-04	3.77E-05	2.02E-04	3.95E-05	2.52E-04	4.58E-05	4.47E-06	8.85E-07	7.58E-04	1.50E-04	9.38E-04	1.77E-04	1.72E-03	2.63E-04	1.93E-04	3.81E-05	3.54E-05	7.01E-06	1.03E-05	2.03E-06	2.42E-05	4.79E-06	7.95E-06	7.95E-06	1.79E-01	3.50E-02	4.18E-01	7.84E-02
2312	Gridded	1.66E-05	2.99E-06	3.43E-06	6.47E-07	2.09E-04	3.46E-05	2.13E-04	3.62E-05	2.26E-04	4.24E-05	4.97E-06	8.12E-07	8.33E-04	1.38E-04	8.92E-04	1.63E-04	1.44E-03	2.48E-04	2.10E-04	3.50E-05	3.93E-05	6.43E-06	1.14E-05	1.86E-06	2.69E-05	4.40E-06	7.42E-06	7.42E-06	1.34E-01	2.72E-02	4.06E-01	7.10E-02
2313	Gridded	1.68E-05	2.67E-06	3.72E-06	5.83E-07	1.90E-04	3.06E-05	2.01E-04	3.22E-05	2.45E-04	3.83E-05	4.44E-06	7.18E-07	7.55E-04	1.22E-04	9.22E-04	1.46E-04	1.59E-03	2.34E-04	1.92E-04	3.10E-05	3.52E-05	5.68E-06	1.02E-05	1.65E-06	2.41E-05	3.89E-06	6.84E-06	6.84E-06	1.55E-01	2.81E-02	3.73E-01	4.73E-02
2314	Gridded	1.40E-05	2.90E-06	3.12E-06	6.32E-07	1.58E-04	3.34E-05	1.67E-04	3.51E-05	2.06E-04	4.15E-05	3.69E-06	7.83E-07	6.27E-04	1.33E-04	7.71E-04	1.59E-04	1.38E-03	2.51E-04	1.60E-04	3.37E-05	2.92E-05	6.20E-06	8.45E-06	1.79E-06	2.00E-05	4.24E-06	7.37E-06	7.37E-06	1.73E-01	2.37E-02	3.95E-01	4.64E-02
2315	Gridded	2.27E-05	2.83E-06	4.39E-06	6.27E-07	2.90E-04	3.24E-05	2.94E-04	3.40E-05	2.82E-04	4.13E-05	6.91E-06	7.59E-07	1.16E-03	1.29E-04	1.22E-03	1.56E-04	1.46E-03	2.70E-04	2.91E-04	3.27E-05	5.47E-05	6.01E-06	1.58E-05	1.74E-06	3.74E-05	4.11E-06	7.60E-06	7.60E-06	2.15E-01	2.66E-02	4.65E-01	4.92E-02
2316	Gridded	3.40E-05	2.69E-06	6.85E-06	5.84E-07	4.21E-04	3.27E-05	4.31E-04	3.37E-05	4.43E-04	3.84E-05	9.98E-06	7.74E-07	1.68E-03	1.30E-04	1.84E-03	1.46E-04	1.57E-03	2.52E-04	4.23E-04	3.29E-05	7.90E-05	6.13E-06	2.29E-05	1.77E-06	5.41E-05	4.19E-06	6.87E-06	6.87E-06	3.21E-01	3.77E-02	7.46E-01	6.62E-02
2317	Gridded	2.42E-05	3.16E-06	5.06E-06	6.94E-07	3.18E-04	3.62E-05	3.18E-04	3.81E-05	3.30E-04	4.56E-05	7.63E-06	8.48E-07	1.27E-03	1.44E-04	1.32E-03	1.74E-04	1.70E-03	2.84E-04	3.18E-04	3.66E-05	6.04E-05	6.71E-06	1.75E-05	1.94E-06	4.13E-05	4.59E-06	8.20E-06	8.20E-06	2.63E-01	2.89E-02	4.76E-01	5.06E-02
2318	Gridded	2.15E-05	3.47E-06	3.94E-06	7.45E-07	2.87E-04	4.05E-05	2.87E-04	4.23E-05	2.50E-04	4.88E-05	6.89E-06	9.51E-07	1.15E-03	1.61E-04	1.15E-03	1.90E-04	1.68E-03	2.73E-04	2.87E-04	4.09E-05	5.46E-05	7.53E-06	1.58E-05	2.18E-06	3.73E-05	5.15E-06	8.38E-06	8.38E-06	1.76E-01	2.49E-02	4.31E-01	4.84E-02
2319	Gridded	2.21E-05	4.05E-06	4.65E-06	8.85E-07	2.95E-04	4.65E-05	2.95E-04	4.89E-05	3.06E-04	5.81E-05	7.08E-06	1.09E-06	1.18E-03	1.85E-04	1.18E-03	2.22E-04	2.00E-03	3.55E-04	2.95E-04	4.70E-05	5.61E-05	8.63E-06	1.62E-05	2.50E-06	3.84E-05	5.90E-06	1.04E-05	1.04E-05	2.03E-01	3.65E-02	4.61E-01	6.74E-02
2320	Gridded	2.28E-05	3.16E-06	4.80E-06	6.98E-07	2.76E-04	3.62E-05	2.81E-04	3.79E-05	3.13E-04	4.59E-05	6.60E-06	8.52E-07	1.10E-03	1.44E-04	1.24E-03	1.74E-04	1.57E-03	2.96E-04	2.77E-04	3.66E-05	5.22E-05	6.74E-06	1.51E-05	1.95E-06	3.57E-05	4.61E-06	8.41E-06	8.41E-06	2.53E-01	4.04E-02	5.01E-01	8.03E-02
2321	Gridded	1.69E-05	4.33E-06	3.41E-06	9.42E-07	2.09E-04	4.98E-05	2.14E-04	5.23E-05	2.21E-04	6.18E-05	4.95E-06	1.17E-06	8.33E-04	1.98E-04	9.15E-04	2.37E-04	1.28E-03	3.73E-04	2.10E-04	5.03E-05	3.92E-05	9.24E-06	1.14E-05	2.67E-06	2.68E-05	6.32E-06	1.10E-05	1.10E-05	2.67E-01	3.48E-02	6.14E-01	7.24E-02
2322	Gridded	1.83E-05	4.24E-06	3.96E-06	9.34E-07	2.12E-04	4.83E-05	2.22E-04	5.09E-05	2.59E-04	6.14E-05	4.99E-06	1.13E-06	8.45E-04	1.92E-04	1.00E-03	2.33E-04	1.50E-03	3.90E-04	2.15E-04	4.89E-05	3.95E-05	8.95E-06	1.14E-05	2.59E-06	2.70E-05	6.12E-06	1.12E-05	1.12E-05	1.68E-01	3.76E-02	4.15E-01	6.33E-02
2323	Gridded	1.54E-05	4.46E-06	3.32E-06	9.70E-07	1.78E-04	5.15E-05	1.87E-04	5.40E-05	2.18E-04	6.37E-05	4.19E-06	1.21E-06	7.09E-04	2.05E-04	8.41E-04	2.44E-04	1.26E-03	3.80E-04	1.80E-04	5.20E-05	3.31E-05	9.55E-06	9.59E-06	2.77E-06	2.27E-05	6.54E-06	1.12E-05	1.12E-05	1.27E-01	2.74E-02	4.07E-01	5.34E-02
2324	Gridded	1.82E-05	4.71E-06	3.93E-06	1.01E-06	2.10E-04	5.48E-05	2.20E-04	5.73E-05	2.58E-04	6.63E-05	4.92E-06	1.29E-06	8.35E-04	2.18E-04	9.93E-04	2.57E-04	2.14E-03	4.16E-04	2.12E-04	5.54E-05	3.90E-05	1.02E-05	1.13E-05	2.95E-06	2.67E-05	6.98E-06	1.18E-05	1.18E-05	1.57E-01	3.72E-02	4.05E-01	7.72E-02
2325	Gridded	5.25E-05	4.51E-06	1.09E-05	9.63E-07	6.35E-04	5.28E-05	6.56E-04	5.51E-05	7.06E-04	6.30E-05	1.50E-05	1.24E-06	2.53E-03	2.10E-04	2.85E-03	2.46E-04	3.11E-03	3.47E-04	6.39E-04	5.33E-05	1.19E-04	9.83E-06	3.44E-05	2.85E-06	8.13E-05	6.73E-06	1.07E-05	1.07E-05	2.13E-01	4.12E-02	4.34E-01	5.94E-02
2326	Gridded	4.45E-05	5.39E-06	9.14E-06	1.16E-06	5.40E-04	6.25E-05	5.57E-04	6.55E-05	5.94E-04	7.62E-05	1.28E-05	1.47E-06	2.15E-03	2.49E-04	2.41E-03	2.95E-04	2.80E-03	4.40E-04	5.44E-04	6.32E-05	1.01E-04	1.16E-05	2.93E-05	3.36E-06	6.92E-05	7.95E-06	1.33E-05	1.33E-05	1.90E-01	4.67E-02	4.32E-01	9.43E-02
2327	Gridded	4.01E-05	4.01E-06	8.31E-06	8.65E-07	4.84E-04	4.65E-05	5.00E-04	4.87E-05	5.41E-04	5.67E-05	1.14E-05	1.09E-06	1.93E-03	1.85E-04	2.18E-03	2.19E-04	2.42E-03	3.32E-04	4.88E-04	4.70E-05	9.06E-05	8.64E-06	2.62E-05	2.50E-06	6.20E-05	5.91E-06	9.88E-06	9.88E-06	3.41E-01	4.20E-02	3.94E-01	7.20E-02
2328	Gridded	2.35E-05	3.84E-06	5.25E-06	8.47E-07	2.63E-04	4.39E-05	2.78E-04	4.62E-05	3.46E-04	5.57E-05	6.13E-06	1.03E-06	1.04E-03	1.75E-04	1.29E-03	2.11E-04	2.36E-03	3.60E-04	2.66E-04	4.44E-05	4.85E-05	8.14E-06	1.40E-05	2.36E-06	3.32E-05	5.57E-06	1.02E-05	1.02E-05	4.25E-01	3.66E-02	1.20E+00	8.05E-02
2329	Gridded	2.60E-05	3.47E-06	5.42E-06	7.57E-07	3.11E-04	3.98E-05	3.22E-04	4.18E-05	3.53E-04	4.97E-05	7.34E-06	9.32E-07	1.24E-03	1.58E-04	1.41E-03	1.90E-04	2.47E-03	3.04E-04	3.14E-04	4.02E-05	5.81E-05	7.38E-06	1.68E-05	2.14E-06	3.98E-05	5.05E-06	8.88E-06	8.88E-06	4.29E-01	3.42E-02	1.23E+00	8.21E-02
2330	Gridded	2.34E-05	3.28E-06	5.13E-06	7.08E-07	2.66E-04	3.79E-05	2.81E-04	3.98E-05	3.37E-04	4.64E-05	6.23E-06	8.91E-07	1.06E-03	1.51E-04	1.28E-03	1.79E-04	2.13E-03	2.88E-04	2.69E-04	3.83E-05	4.93E-05	7.05E-06	1.43E-05	2.04E-06	3.38E-05	4.83E-06	8.29E-06	8.29E-06	2.46E-01	3.21E-02	4.99E-01	7.20E-02
2331	Gridded	2.40E-05	3.28E-06	5.07E-06	7.16E-07	2.98E-04	3.77E-05	3.05E-04	3.96E-05	3.33E-04	4.70E-05	7.06E-06	8.84E-07	1.19E-03	1.50E-04	1.30E-03	1.80E-04	2.23E-03	2.94E-04	2.99E-04	3.81E-05	5.59E-05	7.00E-06	1.62E-05	2.03E-06	3.83E-05	4.79E-06	8.41E-06	8.41E-06	1.82E-01	2.97E-02	4.95E-01	5.49E-02
2332	Gridded	2.75E-05	4.13E-06	6.01E-06	9.07E-07	3.16E-04	4.72E-05	3.32E-04	4.97E-05	3.94E-04	5.96E-05	7.40E-06	1.11E-06	1.26E-03	1.88E-04	1.51E-03	2.27E-04	2.41E-03	3.73E-04	3.19E-04	4.78E-05	5.86E-05	8.75E-06	1.70E-05	2.53E-06	4.01E-05	5.99E-06	1.08E-05	1.08E-05	2.39E-01	3.19E-02	5.18E-01	7.03E-02
2333	Gridded	2.71E-05	4.83E-06	5.98E-06	1.06E-06	3.07E-04	5.51E-05	3.24E-04	5.80E-05	3.93E-04	6.99E-05	7.19E-06	1.29E-06	1.22E-03	2.19E-04	1.49E-03	2.65E-04	2.53E-03	4.43E-04	3.11E-04	5.57E-05	5.69E-05	1.02E-05	1.65E-05	2.95E-06	3.89E-05	6.98E-06	1.27E-05	1.27E-05	2.00E-01	2.93E-02	4.79E-01	7.02E-02
2334	Gridded	2.48E-05	4.25E-06	5.39E-06	9.34E-07	2.86E-04	4.84E-05	3.01E-04	5.10E-05	3.53E-04	6.14E-05	6.72E-06	1.13E-06	1.14E-03	1.92E-04	1.36E-03	2.33E-04	2.24E-03	3.88E-04	2.90E-04	4.89E-05	5.32E-05	8.96E-06	1.54E-05	2.59E-06	3.64E-05	6.13E-06	1.11E-05	1.11E-05	2.31E-01	3.18E-02	4.38E-01	5.50E-02
2335	Gridded	2.57E-05	4.99E-06	5.63E-06	1.10E-06	2.93E-04	5.66E-05	3.08E-04	5.97E-05	3.70E-04	7.25E-05	6.86E-06	1.32E-06	1.16E-03	2.25E-04	1.41E-03	2.74E-04	2.31E-03	4.68E-04	2.96E-04	5.73E-05	5.43E-05	1.05E-05	1.57E-05	3.03E-06	3.72E-05	7.17E-06	1.33E-05	1.33E-05	1.84E-01	3.09E-02	3.45E-01	5.01E-02
2336	Gridded	2.39E-05	5.23E-06	5.28E-06	1.15E-06	2.71E-04	5.97E-05	2.86E-04	6.29E-05	3.48E-04	7.55E-05	6.34E-06	1.40E-06	1.08E-03	2.37E-04	1.31E-03	2.87E-04	2.40E-03	4.75E-04	2.74E-04	6.04E-05	5.02E-05	1.11E-05	1.45E-05	3.20E-06	3.44E-05	7.57E-06	1.37E-05	1.37E-05	2.06E-01	2.72E-02	4.07E-01	4.37E-02
2337	Gridded	3.42E-05	4.25E-06	7.28E-06	9.29E-07	4.04E-04	4.92E-05	4.20E-04	5.14E-05	4.76E-04	6.10E-05	9.50E-06	1.16E-06	1.61E-03	1.96E-04	1.87E-03	2.33E-04	2.51E-03	3.75E-04	4.07E-04	4.97E-05	7.52E-05	9.16E-06	2.18E-05	2.65E-06	5.15E-05	6.27E-06	1.09E-05	1.09E-05	1.91E-01	2.68E-02	4.59E-01	4.64E-02
2338	Gridded	2.85E-05	4.10E-06	5.77E-06	8.85E-07	3.50E-04	4.77E-05	3.60E-04	4.99E-05	3.74E-04	5.80E-05	8.30E-06	1.12E-06	1.40E-03	1.90E-04	1.54E-03	2.24E-04	2.34E-03	3.34E-04	3.52E-04	4.82E-05	6.57E-05	8.86E-06	1.90E-05	2.57E-06	4.50E-05	6.06E-06	1.01E-05	1.01E-05	1.86E-01	3.34E-02	3.80E-01	5.74E-02
2339	Gridded	2.47E-05	4.28E-06	5.44E-06	9.43E-07	2.95E-04	4.87E-05	2.96E-04	5.13E-05	3.58E-04	6.20E-05	7.07E-06	1.14E-06	1.18E-03	1.93E-04	1.35E-03	2.35E-04	2.29E-03	3.96E-04	2.95E-04	4.92E-05	5.59E-05	9.01E-06	1.62E-05	2.61E-06	3.83E-05	6.17E-06	1.13E-05	1.13E-05	2.01E-01	3.54E-02	3.54E-01	6.35E-02
2340	Gridded	3.66E-05	5.20E-06	6.88E-06	1.13E-06	4.79E-04	6.03E-05	4.82E-04	6.32E-05	4.40E-04	7.38E-05	1.15E-05	1.42E-06	1.91E-03	2.40E-04	1.96E-03	2.85E-04	2.56E-03	4.30E-04	4.79E-04	6.09E-05	9.07E-05	1.12E-05	2.63E-05	3.24E-06	6.21E-05	7.67E-06	1.29E-05	1.29E-05	2.35E-01	3.29E-02	4.07E-01	6.00E-02
2341	Gridded	4.02E-05	4.14E-06	7.68E-06	8.79E-07	5.20E-04	4.88E-05	5.25E-04	5.08E-05	4.92E-04	5.74E-05	1.24E-05	1.15E-06	2.08E-03	1.94E-04	2.16E-03	2.26E-04	2.61E-03	3.02E-04	5.21E-04	4.92E-05	9.83E-05	9.09E-06	2.84E-05	2.63E-06	6.72E-05	6.22E-06	9.61E-06	9.61E-06	2.40E-01	2.90E-02	4.26E-01	5.43E-02
2342	Gridded	3.65E-05	3.67E-06	7.60E-06	7.67E-07	4.38E-04	4.40E-05	4.53E-04	4.56E-05	4.95E-04	4.99E-05	1.05E-05	1.04E-06	1.75E-03	1.75E-04	1.99E-03	2.00E-04	2.31E-03	2.50E-04	4.41E-04	4.44E-05	8.27E-05	8.23E-06	2.39E-05	2.38E-06	5.66E-05	5.63E-06	7.99E-06	7.99E-06	2.34E-01	2.70E-02	4.18E-01	4.52E-02
2343	Gridded	3.83E-05	3.69E-06	7.77E-06	7.73E-07	4.70E-04	4.40E-05	4.82E-04	4.56E-05	5.04E-04	5.04E-05	1.11E-05	1.04E-06	1.87E-03	1.75E-04	2.07E-03	2.01E-04	2.97E-03	2.45E-04	4.72E-04	4.43E-05	8.81E-05	8.22E-06	2.55E-05	2.38E-06	6.03E-05	5.62E-06	8.17E-06	8.17E-06	3.27E-01	2.84E-02	4.83E-01	4.52E-02
2344	Gridded	3.06E-05	2.79E-06	6.50E-06	5.78E-07	3.60E-04	3.35E-05	3.75E-04	3.47E-05	4.25E-04	3.76E-05	8.47E-06	7.92E-07	1.43E-03	1.34E-04	1.67E-03	1.51E-04	2.26E-03	1.81E-04	3.63E-04	3.38E-05	6.70E-05	6.27E-06	1.94E-05	1.82E-06	4.59E-05	4.29E-06	5.93E-06	5.93E-06	3.26E-01	2.53E-02	5.02E-01	4.52E-02
2345	Gridded	2.23E-05	1.87E-06	4.62E-06	3.90E-07	2.70E-04	2.28E-05	2.79E-04	2.34E-05	3.01E-04	2.57E-05	6.38E-06	5.39E-07	1.08E-03	9.08E-05	1.21E-03	1.01E-04	1.49E-03	1.66E-04	2.72E-04	2.29E-05	5.05E-05	4.27E-06	1.46E-05	1.24E-06	3.46E-05	2.92E-06	4.71E-06	4.71E-06	2.48E-01	2.26E-02	3.82E-01	4.40E-02
2346	Gridded	2.18E-05	2.05E-06	4.44E-06	4.35E-07	2.70E-04	2.47E-05	2.76E-04	2.55E-05	2.90E-04	2.86E-05	6.40E-06	5.83E-07	1.08E-03	9.83E-05	1.18E-03	1.11E-04	1.50E-03	1.81E-04	2.71E-04	2.49E-05	5.07E-05	4.61E-06	1.47E-05	1.34E-06	3.47E-05	3.16E-06	5.11E-06	5.11E-06	2.29E-01	2.43E-02	3.60E-01	4.37E-02
2347	Gridded	1.83E-05	4.26E-06	4.01E-06	9.06E-07	2.21E-04	5.01E-05	2.28E-04	5.22E-05	2.64E-04	5.92E-05	5.21E-06	1.18E-06	8.79E-04	2.00E-04	1.00E-03	2.32E-04	1.80E-03	3.14E-04	2.22E-04	5.06E-05	4.13E-05	9.34E-06	1.19E-05	2.70E-06	2.82E-05	6.39E-06	9.94E-06	9.94E-06	1.57E-01	3.49E-02	5.03E-01	5.99E-02
2348	Gridded	2.15E-05	3.78E-06	4.68E-06	7.86E-07	2.48E-04	4.55E-05	2.60E-04	4.70E-05	3.07E-04	5.12E-05	5.81E-06	1.07E-06	9.86E-04	1.81E-04	1.18E-03	2.06E-04	2.17E-03	3.74E-04	2.51E-04	4.58E-05	4.60E-05	8.50E-06	1.33E-05	2.46E-06	3.15E-05	5.82E-06	8.96E-06	8.96E-06	1.69E-01	3.36E-02	5.09E-01	6.19E-02
2349	Gridded	2.49E-05	5.43E-06	5.36E-06	1.16E-06	2.90E-04	6.35E-05	3.03E-04	6.63E-05	3.51E-04	7.60E-05	6.80E-06	1.49E-06	1.15E-03	2.53E-04	1.36E-03	2.97E-04	3.21E-03	4.84E-04	2.93E-04	6.41E-05	5.39E-05	1.18E-05	1.56E-05	3.42E-06	3.68E-05	8.09E-06	1.30E-05	1.30E-05	2.26E-01	3.38E-02	5.24E-01	7.67E-02
2350	Gridded	2.23E-05	4.01E-06	4.84E-06	8.39E-07	2.58E-04	4.80E-05	2.70E-04	4.98E-05	3.18E-04	5.47E-05	6.04E-06	1.13E-06	1.02E-03	1.91E-04	1.22E-03	2.18E-04	2.78E-03	2.89E-04	2.60E-04	4.84E-05	4.78E-05	8.97E-06	1.39E-05	2.60E-06	3.27E-05	6.14E-06	8.78E-06	8.78E-06	2.06E-01	3.99E-02	4.37E-01	8.68E-02
2351	Gridded	2.21E-05	4.03E-06	4.80E-06	8.66E-07	2.56E-04	4.69E-05	2.68E-04	4.91E-05	3.15E-04	5.69E-05	6.00E-06	1.10E-06	1.02E-03	1.87E-04	1.21E-03	2.20E-04	2.51E-03	4.45E-04	2.59E-04	4.74E-05	4.75E-05	8.73E-06	1.38E-05	2.53E-06	3.25E-05	5.97E-06	1.14E-05	1.14E-05	1.63E-01	5.16E-02	4.11E-01	1.12E-01
2352	Gridded	2.42E-05	5.17E-06	5.13E-06	1.13E-06	3.13E-04	5.91E-05	3.16E-04	6.22E-05	3.37E-04	7.44E-05	7.48E-06	1.38E-06	1.25E-03	2.35E-04	1.30E-03	2.83E-04	2.08E-03	4.62E-04	3.14E-04	5.98E-05	5.92E-05	1.10E-05	1.71E-05	3.17E-06	4.05E-05	7.50E-06	1.34E-05	1.34E-05	1.80E-01	5.52E-02	4.14E-01	1.03E-01
2353	Gridded	3.56E-05	5.87E-06	6.53E-06	1.25E-06	4.73E-04	6.92E-05	4.74E-04	7.20E-05	4.15E-04	8.14E-05	1.14E-05	1.63E-06	1.89E-03	2.75E-04	1.90E-03	3.20E-04	1.97E-03	4.28E-04	4.73E-04	6.98E-05	8.99E-05	1.29E-05	2.60E-05	3.73E-06	6.15E-05	8.82E-06	1.36E-05	1.36E-05	2.42E-01	5.86E-02	5.18E-01	1.02E-01
2354	Gridded	2.96E-05	5.79E-06	5.91E-06	1.26E-06	3.69E-04	6.65E-05	3.77E-04	6.99E-05	3.82E-04	8.30E-05	8.81E-06	1.56E-06	1.47E-03	2.65E-04	1.60E-03	3.17E-04	3.28E-03	5.05E-04	3.70E-04	6.73E-05	6.97E-05	1.23E-05	2.02E-05	3.57E-06	4.77E-05	8.45E-06	1.48E-05	1.48E-05	2.41E-01	4.70E-02	5.07E-01	8.24E-02
2355	Gridded	2.38E-05	5.96E-06	5.11E-06	1.31E-06	3.12E-04	6.80E-05	3.12E-04	7.16E-05	3.35E-04	8.59E-05	7.48E-06	1.59E-06	1.25E-03	2.70E-04	1.30E-03	3.27E-04	4.42E-03	5.39E-04	3.12E-04	6.88E-05	5.92E-05	1.26E-05	1.71E-05	3.65E-06	4.05E-05	8.63E-06	1.55E-05	1.55E-05	2.84E-01	3.10E-02	6.08E-01	6.25E-02
2356	Gridded	3.99E-05	4.30E-06	7.89E-06	9.53E-07	5.01E-04	4.85E-05	5.11E-04	5.13E-05	5.09E-04	6.27E-05	1.19E-05	1.13E-06	2.00E-03	1.93E-04	2.15E-03	2.36E-04	2.36E-03	4.12E-04	5.03E-04	4.91E-05	9.43E-05	8.98E-06	2.73E-05	2.60E-06	6.45E-05	6.14E-06	1.16E-05	1.16E-05	2.10E-01	3.74E-02	6.45E-01	7.53E-02
2357	Gridded	2.96E-05	4.63E-06	6.56E-06	1.05E-06	3.34E-04	5.13E-05	3.53E-04	5.46E-05	4.32E-04	6.91E-05	7.79E-06	1.20E-06	1.33E-03	2.04E-04	1.62E-03	2.55E-04	2.85E-03	4.90E-04	3.38E-04	5.21E-05	6.17E-05	9.47E-06	1.79E-05	2.74E-06	4.22E-05	6.48E-06	1.32E-05	1.32E-05	2.19E-01	4.85E-02	5.75E-01	9.85E-02
2358	Gridded	2.48E-05	6.22E-06	5.07E-06	1.32E-06	3.02E-04	7.31E-05	3.11E-04	7.62E-05	3.29E-04	8.66E-05	7.15E-06	1.72E-06	1.21E-03	2.91E-04	1.34E-03	3.39E-04	2.91E-03	4.64E-04	3.04E-04	7.38E-05	5.66E-05	1.36E-05	1.64E-05	3.94E-06	3.88E-05	9.32E-06	1.46E-05	1.46E-05	2.29E-01	5.37E-02	6.37E-01	1.44E-01

Scenario 1 Results

2359	Gridded	2.45E-05	4.85E-06	5.04E-06	1.07E-06	3.04E-04	5.53E-05	3.11E-04	5.83E-05	3.31E-04	7.02E-05	7.21E-06	1.29E-06	1.21E-03	2.20E-04	1.32E-03	2.66E-04	1.98E-03	4.45E-04	3.05E-04	5.59E-05	5.71E-05	1.02E-05	1.65E-05	2.97E-06	3.91E-05	7.01E-06	1.27E-05	1.27E-05	2.27E-01	5.85E-02	6.13E-01	9.04E-02
2360	Gridded	2.67E-05	3.66E-06	5.86E-06	8.13E-07	3.06E-04	4.13E-05	3.22E-04	4.37E-05	3.85E-04	5.35E-05	7.16E-06	9.66E-07	1.22E-03	1.64E-04	1.47E-03	2.01E-04	2.50E-03	3.53E-04	3.09E-04	4.19E-05	5.67E-05	7.65E-06	1.64E-05	2.21E-06	3.88E-05	5.23E-06	9.90E-06	9.90E-06	2.54E-01	4.13E-02	7.63E-01	7.23E-02
2361	Gridded	2.87E-05	3.39E-06	5.86E-06	7.32E-07	3.50E-04	3.92E-05	3.61E-04	4.11E-05	3.80E-04	4.80E-05	8.30E-06	9.21E-07	1.40E-03	1.56E-04	1.56E-03	1.85E-04	2.84E-03	3.31E-04	3.53E-04	3.96E-05	6.57E-05	7.29E-06	1.90E-05	2.11E-06	4.49E-05	4.99E-06	8.50E-06	8.50E-06	2.19E-01	3.93E-02	5.58E-01	7.66E-02
2362	Gridded	3.06E-05	3.65E-06	6.36E-06	7.89E-07	3.69E-04	4.24E-05	3.82E-04	4.44E-05	4.14E-04	5.17E-05	8.72E-06	9.96E-07	1.47E-03	1.69E-04	1.67E-03	2.00E-04	1.94E-03	2.98E-04	3.72E-04	4.28E-05	6.91E-05	7.88E-06	2.00E-05	2.28E-06	4.72E-05	5.39E-06	8.99E-06	8.99E-06	2.08E-01	3.97E-02	6.09E-01	1.18E-01
2363	Gridded	1.78E-05	2.75E-06	3.69E-06	5.96E-07	2.16E-04	3.18E-05	2.23E-04	3.33E-05	2.40E-04	3.91E-05	5.10E-06	7.45E-07	8.59E-04	1.26E-04	9.69E-04	1.50E-04	1.67E-03	2.30E-04	2.17E-04	3.21E-05	4.04E-05	5.90E-06	1.17E-05	1.71E-06	2.76E-05	4.04E-06	6.86E-06	6.86E-06	1.70E-01	3.19E-02	5.45E-01	7.50E-02
2364	Gridded	1.72E-05	3.30E-06	3.65E-06	7.21E-07	2.04E-04	3.77E-05	2.12E-04	3.97E-05	2.38E-04	4.74E-05	4.79E-06	8.84E-07	8.10E-04	1.50E-04	9.39E-04	1.81E-04	1.57E-03	2.93E-04	2.05E-04	3.82E-05	3.79E-05	7.00E-06	1.10E-05	2.03E-06	2.60E-05	4.79E-06	8.51E-06	8.51E-06	2.01E-01	2.82E-02	4.38E-01	4.81E-02
2365	Gridded	2.13E-05	3.03E-06	4.52E-06	6.58E-07	2.51E-04	3.50E-05	2.61E-04	3.67E-05	2.96E-04	4.31E-05	5.91E-06	8.21E-07	9.99E-04	1.39E-04	1.16E-03	1.66E-04	1.56E-03	2.65E-04	2.53E-04	3.54E-05	4.68E-05	6.50E-06	1.35E-05	1.88E-06	3.20E-05	4.45E-06	7.70E-06	7.70E-06	2.22E-01	2.70E-02	4.85E-01	4.95E-02
2366	Gridded	1.96E-05	2.52E-06	3.97E-06	5.62E-07	2.55E-04	2.83E-05	2.57E-04	3.00E-05	2.62E-04	3.70E-05	6.11E-06	6.61E-07	1.02E-03	1.13E-04	1.05E-03	1.39E-04	1.82E-03	2.49E-04	2.56E-04	2.87E-05	4.84E-05	5.24E-06	1.40E-05	1.52E-06	3.31E-05	3.58E-06	6.90E-06	6.90E-06	2.55E-01	2.66E-02	5.59E-01	5.57E-02
2367	Gridded	2.96E-05	2.54E-06	5.75E-06	5.59E-07	3.77E-04	3.00E-05	3.82E-04	3.08E-05	3.70E-04	3.67E-05	8.98E-06	7.10E-07	1.50E-03	1.19E-04	1.59E-03	1.40E-04	1.43E-03	2.32E-04	3.78E-04	3.02E-05	7.11E-05	5.62E-06	2.06E-05	1.63E-06	4.86E-05	3.84E-06	6.65E-06	6.65E-06	3.02E-01	3.49E-02	6.95E-01	6.16E-02
2368	Gridded	2.08E-05	3.05E-06	4.33E-06	6.69E-07	2.49E-04	3.49E-05	2.58E-04	3.68E-05	2.82E-04	4.40E-05	5.88E-06	8.18E-07	9.92E-04	1.39E-04	1.13E-03	1.67E-04	1.76E-03	2.74E-04	2.51E-04	3.53E-05	4.65E-05	6.47E-06	1.35E-05	1.87E-06	3.18E-05	4.43E-06	7.92E-06	7.92E-06	2.09E-01	2.36E-02	3.59E-01	4.08E-02
2369	Gridded	1.56E-05	3.40E-06	3.54E-06	7.32E-07	1.73E-04	3.95E-05	1.84E-04	4.13E-05	2.34E-04	4.80E-05	4.02E-06	9.28E-07	6.85E-04	1.57E-04	8.61E-04	1.86E-04	1.68E-03	2.74E-04	1.75E-04	3.99E-05	3.18E-05	7.35E-06	9.20E-06	2.13E-06	2.18E-05	5.03E-06	8.31E-06	8.31E-06	1.60E-01	2.44E-02	4.29E-01	4.58E-02
2370	Gridded	2.06E-05	3.60E-06	4.53E-06	7.87E-07	2.34E-04	4.12E-05	2.46E-04	4.33E-05	2.98E-04	5.17E-05	5.47E-06	9.64E-07	9.29E-04	1.64E-04	1.13E-03	1.97E-04	1.91E-03	3.20E-04	2.36E-04	4.16E-05	4.33E-05	7.63E-06	1.25E-05	2.21E-06	2.96E-05	5.22E-06	9.29E-06	9.29E-06	1.82E-01	3.08E-02	4.35E-01	5.65E-02
2371	Gridded	2.18E-05	2.97E-06	4.57E-06	6.37E-07	2.61E-04	3.47E-05	2.71E-04	3.63E-05	2.98E-04	4.17E-05	6.16E-06	8.16E-07	1.04E-03	1.38E-04	1.19E-03	1.62E-04	1.43E-03	2.64E-04	2.63E-04	3.51E-05	4.88E-05	6.46E-06	1.41E-05	1.87E-06	3.34E-05	4.42E-06	7.49E-06	7.49E-06	2.38E-01	3.42E-02	4.70E-01	6.71E-02
2372	Gridded	1.61E-05	3.98E-06	3.23E-06	8.67E-07	2.00E-04	4.57E-05	2.05E-04	4.80E-05	2.09E-04	5.69E-05	4.74E-06	1.07E-06	7.97E-04	1.82E-04	8.71E-04	2.18E-04	1.19E-03	3.45E-04	2.01E-04	4.62E-05	3.75E-05	8.49E-06	1.09E-05	2.46E-06	2.57E-05	5.81E-06	1.01E-05	1.01E-05	2.32E-01	2.98E-02	5.33E-01	6.19E-02
2373	Gridded	1.47E-05	3.78E-06	3.17E-06	8.31E-07	1.70E-04	4.30E-05	1.78E-04	4.53E-05	2.08E-04	5.46E-05	4.00E-06	1.01E-06	6.77E-04	1.71E-04	8.03E-04	2.07E-04	1.20E-03	3.46E-04	1.72E-04	4.35E-05	3.16E-05	7.97E-06	9.16E-06	2.31E-06	2.16E-05	5.45E-06	9.91E-06	9.91E-06	1.38E-01	3.32E-02	2.97E-01	5.34E-02
2374	Gridded	1.55E-05	4.27E-06	3.36E-06	9.27E-07	1.80E-04	4.92E-05	1.88E-04	5.16E-05	2.20E-04	6.08E-05	4.22E-06	1.15E-06	7.15E-04	1.96E-04	8.49E-04	2.34E-04	1.28E-03	3.64E-04	1.82E-04	4.97E-05	3.34E-05	9.13E-06	9.67E-06	2.64E-06	2.28E-05	6.25E-06	1.07E-05	1.07E-05	1.27E-01	2.56E-02	4.07E-01	5.48E-02
2375	Gridded	1.51E-05	4.07E-06	3.53E-06	8.96E-07	1.73E-04	4.63E-05	1.82E-04	4.88E-05	2.34E-04	5.89E-05	4.07E-06	1.08E-06	6.90E-04	1.84E-04	8.37E-04	2.23E-04	1.88E-03	3.75E-04	1.75E-04	4.69E-05	3.22E-05	8.58E-06	9.32E-06	2.48E-06	2.20E-05	5.87E-06	1.07E-05	1.07E-05	1.25E-01	3.02E-02	3.02E-01	5.85E-02
2376	Gridded	2.74E-05	3.52E-06	5.68E-06	7.50E-07	3.30E-04	4.12E-05	3.41E-04	4.30E-05	3.70E-04	4.91E-05	7.80E-06	9.70E-07	1.32E-03	1.64E-04	1.49E-03	1.92E-04	2.08E-03	2.99E-04	3.33E-04	4.16E-05	6.18E-05	7.68E-06	1.79E-05	2.22E-06	4.23E-05	5.25E-06	8.31E-06	8.31E-06	1.36E-01	3.23E-02	2.89E-01	5.01E-02
2377	Gridded	3.65E-05	4.03E-06	7.45E-06	8.61E-07	4.46E-04	4.72E-05	4.59E-04	4.93E-05	4.83E-04	5.63E-05	1.06E-05	1.11E-06	1.78E-03	1.88E-04	1.98E-03	2.20E-04	2.02E-03	3.07E-04	4.49E-04	4.76E-05	8.37E-05	8.79E-06	2.42E-05	2.54E-06	5.72E-05	6.01E-06	9.56E-06	9.56E-06	1.33E-01	3.16E-02	3.26E-01	6.08E-02
2378	Gridded	3.07E-05	3.23E-06	6.43E-06	6.98E-07	3.66E-04	3.74E-05	3.80E-04	3.92E-05	4.19E-04	4.58E-05	8.64E-06	8.79E-07	1.46E-03	1.49E-04	1.67E-03	1.77E-04	2.32E-03	2.68E-04	3.69E-04	3.78E-05	6.84E-05	6.96E-06	1.98E-05	2.01E-06	4.68E-05	4.76E-06	7.99E-06	7.99E-06	2.47E-01	3.67E-02	3.68E-01	6.77E-02
2379	Gridded	2.37E-05	3.44E-06	5.11E-06	7.62E-07	2.81E-04	3.90E-05	2.89E-04	4.12E-05	3.35E-04	5.01E-05	6.68E-06	9.12E-07	1.12E-03	1.55E-04	1.30E-03	1.89E-04	1.90E-03	3.25E-04	2.82E-04	3.95E-05	5.29E-05	7.22E-06	1.53E-05	2.09E-06	3.62E-05	4.94E-06	9.20E-06	9.20E-06	3.84E-01	3.21E-02	9.20E-01	6.67E-02
2380	Gridded	2.87E-05	3.47E-06	6.13E-06	7.57E-07	3.37E-04	3.98E-05	3.51E-04	4.18E-05	4.01E-04	4.97E-05	7.92E-06	9.33E-07	1.34E-03	1.58E-04	1.57E-03	1.90E-04	2.55E-03	3.18E-04	3.40E-04	4.02E-05	6.27E-05	7.38E-06	1.82E-05	2.14E-06	4.29E-05	5.05E-06	8.95E-06	8.95E-06	4.43E-01	3.35E-02	1.36E+00	6.73E-02
2381	Gridded	2.27E-05	3.08E-06	4.80E-06	6.71E-07	2.68E-04	3.54E-05	2.79E-04	3.72E-05	3.14E-04	4.40E-05	6.31E-06	8.30E-07	1.07E-03	1.41E-04	1.24E-03	1.69E-04	1.86E-03	2.66E-04	2.70E-04	3.58E-05	5.00E-05	6.57E-06	1.45E-05	1.90E-06	3.42E-05	4.49E-06	7.82E-06	7.82E-06	3.25E-01	3.00E-02	7.56E-01	8.00E-02
2382	Gridded	2.19E-05	3.18E-06	4.67E-06	6.91E-07	2.61E-04	3.67E-05	2.71E-04	3.85E-05	3.06E-04	4.53E-05	6.16E-06	8.60E-07	1.04E-03	1.46E-04	1.20E-03	1.74E-04	2.27E-03	2.74E-04	2.63E-04	3.71E-05	4.87E-05	6.81E-06	1.41E-05	1.97E-06	3.34E-05	4.66E-06	7.99E-06	7.99E-06	1.67E-01	2.83E-02	4.00E-01	4.87E-02
2383	Gridded	2.56E-05	3.12E-06	5.49E-06	6.83E-07	3.00E-04	3.57E-05	3.13E-04	3.76E-05	3.59E-04	4.49E-05	7.05E-06	8.36E-07	1.19E-03	1.42E-04	1.40E-03	1.71E-04	1.98E-03	2.84E-04	3.03E-04	3.61E-05	5.58E-05	6.62E-06	1.62E-05	1.92E-06	3.82E-05	4.53E-06	8.12E-06	8.12E-06	2.00E-01	2.78E-02	4.41E-01	5.43E-02
2384	Gridded	2.47E-05	4.37E-06	5.22E-06	9.59E-07	2.93E-04	4.99E-05	3.05E-04	5.26E-05	3.42E-04	6.30E-05	6.92E-06	1.17E-06	1.17E-03	1.99E-04	1.35E-03	2.40E-04	2.03E-03	3.95E-04	2.96E-04	5.05E-05	5.47E-05	9.25E-06	1.58E-05	2.68E-06	3.75E-05	6.33E-06	1.14E-05	1.14E-05	1.95E-01	2.83E-02	5.04E-01	7.26E-02
2385	Gridded	2.46E-05	4.43E-06	5.57E-06	9.75E-07	2.73E-04	5.04E-05	2.90E-04	5.32E-05	3.68E-04	6.41E-05	6.40E-06	1.18E-06	1.09E-03	2.01E-04	1.36E-03	2.43E-04	2.63E-03	4.07E-04	2.76E-04	5.10E-05	5.07E-05	9.34E-06	1.47E-05	2.71E-06	3.47E-05	6.39E-06	1.17E-05	1.17E-05	2.10E-01	2.46E-02	4.07E-01	5.46E-02
2386	Gridded	2.26E-05	3.57E-06	4.91E-06	7.94E-07	2.61E-04	4.02E-05	2.74E-04	4.26E-05	3.22E-04	5.23E-05	6.13E-06	9.40E-07	1.04E-03	1.60E-04	1.24E-03	1.96E-04	1.96E-03	3.48E-04	2.64E-04	4.07E-05	4.85E-05	7.44E-06	1.41E-05	2.15E-06	3.32E-05	5.09E-06	9.70E-06	9.70E-06	2.02E-01	2.78E-02	3.67E-01	4.69E-02
2387	Gridded	2.36E-05	4.75E-06	5.20E-06	1.05E-06	2.69E-04	5.39E-05	2.84E-04	5.69E-05	3.42E-04	6.91E-05	6.30E-06	1.26E-06	1.07E-03	2.14E-04	1.30E-03	2.61E-04	2.16E-03	4.46E-04	2.72E-04	5.46E-05	4.99E-05	9.98E-06	1.44E-05	2.89E-06	3.41E-05	6.83E-06	1.26E-05	1.26E-05	1.72E-01	2.47E-02	3.17E-01	3.90E-02
2388	Gridded	2.37E-05	4.48E-06	5.34E-06	9.82E-07	2.64E-04	5.12E-05	2.81E-04	5.39E-05	3.52E-04	6.45E-05	6.16E-06	1.20E-06	1.05E-03	2.04E-04	1.31E-03	2.46E-04	2.45E-03	4.02E-04	2.68E-04	5.18E-05	4.88E-05	9.49E-06	1.41E-05	2.75E-06	3.34E-05	6.50E-06	1.16E-05	1.16E-05	2.00E-01	2.38E-02	3.44E-01	4.12E-02
2389	Gridded	3.10E-05	3.71E-06	6.55E-06	8.08E-07	3.68E-04	4.26E-05	3.83E-04	4.48E-05	4.28E-04	5.30E-05	8.68E-06	1.00E-06	1.47E-03	1.70E-04	1.69E-03	2.03E-04	2.20E-03	3.20E-04	3.71E-04	4.31E-05	6.87E-05	7.91E-06	1.99E-05	2.29E-06	4.70E-05	5.42E-06	9.41E-06	9.41E-06	1.58E-01	2.46E-02	3.49E-01	4.06E-02
2390	Gridded	2.86E-05	3.75E-06	5.77E-06	8.09E-07	3.53E-04	4.37E-05	3.62E-04	4.57E-05	3.74E-04	5.30E-05	8.36E-06	1.03E-06	1.41E-03	1.74E-04	1.55E-03	2.05E-04	2.25E-03	3.13E-04	3.55E-04	4.41E-05	6.62E-05	8.12E-06	1.92E-05	2.35E-06	4.53E-05	5.55E-06	9.17E-06	9.17E-06	1.88E-01	3.07E-02	3.25E-01	5.30E-02
2391	Gridded	2.38E-05	4.10E-06	5.27E-06	9.05E-07	2.71E-04	4.66E-05	2.85E-04	4.92E-05	3.47E-04	5.95E-05	6.42E-06	1.09E-06	1.08E-03	1.85E-04	1.31E-03	2.25E-04	2.25E-03	3.82E-04	2.73E-04	4.72E-05	5.08E-05	8.63E-06	1.47E-05	2.50E-06	3.48E-05	5.91E-06	1.09E-05	1.09E-05	1.99E-01	3.18E-02	3.37E-01	5.71E-02
2392	Gridded	2.53E-05	4.19E-06	4.94E-06	9.05E-07	3.33E-04	4.87E-05	3.34E-04	5.10E-05	3.24E-04	5.93E-05	7.96E-06	1.14E-06	1.33E-03	1.94E-04	1.35E-03	2.29E-04	1.80E-03	3.42E-04	3.33E-04	4.92E-05	6.30E-05	9.05E-06	1.83E-05	2.62E-06	4.31E-05	6.19E-06	1.03E-05	1.03E-05	1.99E-01	2.78E-02	3.36E-01	5.03E-02
2393	Gridded	3.20E-05	3.60E-06	6.02E-06	7.64E-07	4.17E-04	4.25E-05	4.20E-04	4.42E-05	3.84E-04	4.99E-05	9.99E-06	1.00E-06	1.67E-03	1.69E-04	1.71E-03	1.96E-04	2.07E-03	2.62E-04	4.18E-04	4.29E-05	7.91E-05	7.92E-06	2.29E-05	2.29E-06	5.41E-05	5.42E-06	8.34E-06	8.34E-06	2.17E-01	2.50E-02	3.79E-01	4.69E-02
2394	Gridded	3.39E-05	3.48E-06	6.92E-06	7.23E-07	4.38E-04	4.19E-05	4.42E-04	4.33E-05	4.51E-04	4.70E-05	1.05E-05	9.90E-07	1.75E-03	1.67E-04	1.82E-03	1.89E-04	2.12E-03	2.45E-04	4.39E-04	4.22E-05	8.29E-05	7.84E-06	2.40E-05	2.27E-06	5.67E-05	5.36E-06	7.49E-06	7.49E-06	2.26E-01	2.62E-02	4.06E-01	4.49E-02
2395	Gridded	2.92E-05	3.10E-06	5.91E-06	6.46E-07	3.59E-04	3.72E-05	3.69E-04	3.85E-05	3.83E-04	4.20E-05	8.52E-06	8.79E-07	1.43E-03	1.48E-04	1.58E-03	1.69E-04	2.32E-03	1.97E-04	3.62E-04	3.75E-05	6.75E-05	6.96E-06	1.95E-05	2.01E-06	4.62E-05	4.76E-06	6.70E-06	6.70E-06	2.51E-01	2.29E-02	3.90E-01	3.98E-02
2396	Gridded	2.91E-05	2.81E-06	6.30E-06	5.82E-07	3.37E-04	3.38E-05	3.53E-04	3.49E-05	4.13E-04	3.79E-05	7.91E-06	7.98E-07	1.34E-03	1.35E-04	1.59E-03	1.53E-04	2.42E-03	1.77E-04	3.41E-04	3.40E-05	6.26E-05	6.32E-06	1.81E-05	1.83E-06	4.28E-05	4.33E-06	5.98E-06	5.98E-06	2.91E-01	2.41E-02	4.30E-01	4.25E-02
2397	Gridded	2.66E-05	2.18E-06	5.60E-06	4.48E-07	3.17E-04	2.66E-05	3.29E-04	2.74E-05	3.65E-04	2.91E-05	7.47E-06	6.29E-07	1.26E-03	1.06E-04	1.45E-03	1.19E-04	1.80E-03	1.49E-04	3.20E-04	2.68E-05	5.92E-05	4.98E-06	1.71E-05	1.44E-06	4.05E-05	3.41E-06	4.45E-06	4.45E-06	2.58E-01	2.22E-02	3.85E-01	4.36E-02
2398	Gridded	2.41E-05	4.03E-06	5.25E-06	8.83E-07	2.77E-04	4.84E-05	2.91E-04	5.00E-05	3.45E-04	5.80E-05	6.50E-06	1.14E-06	1.10E-03	1.93E-04	1.32E-03	2.21E-04	2.63E-03	4.41E-04	2.80E-04	4.88E-05	5.15E-05	9.06E-06	1.49E-05	2.62E-06	3.52E-05	6.20E-06	1.05E-05	1.05E-05	1.81E-01	3.18E-02	5.00E-01	6.45E-02
2399	Gridded	1.85E-05	4.07E-06	3.95E-06	8.65E-07	2.36E-04	4.79E-05	2.37E-04	4.99E-05	2.59E-04	5.65E-05	5.65E-06	1.13E-06	9.43E-04	1.91E-04	1.01E-03	2.22E-04	2.39E-03	3.34E-04	2.36E-04	4.83E-05	4.47E-05	8.93E-06	1.29E-05	2.58E-06	3.06E-05	6.11E-06	9.49E-06	9.49E-06	1.85E-01	2.90E-02	4.54E-01	6.51E-02
2400	Gridded	2.28E-05	3.85E-06	4.95E-06	8.01E-07	2.62E-04	4.62E-05	2.76E-04	4.78E-05	3.25E-04	5.22E-05	6.16E-06	1.09E-06	1.04E-03	1.84E-04	1.25E-03	2.09E-04	2.82E-03	2.89E-04	2.65E-04	4.65E-05	4.87E-05	8.63E-06	1.41E-05	2.50E-06	3.33E-05	5.90E-06	8.31E-06	8.31E-06	1.97E-01	3.93E-02	4.29E-01	8.55E-02
2401	Gridded	1.89E-05	3.52E-06	4.09E-06	7.64E-07	2.21E-04	4.09E-05	2.30E-04	4.28E-05	2.68E-04	5.07E-05	5.30E-06	9.61E-07	8.83E-04	1.63E-04	1.03E-03	1.92E-04	2.10E-03	3.95E-04	2.22E-04	4.13E-05	4.20E-05	7.61E-06	1.21E-05	2.20E-06	2.87E-05	5.21E-06	1.02E-05	1.02E-05	1.43E-01	4.63E-02	3.70E-01	1.00E-01
2402	Gridded	2.88E-05	5.98E-06	6.23E-06	1.32E-06	3.71E-04	6.80E-05	3.75E-04	7.17E-05	4.09E-04	8.66E-05	8.86E-06	1.59E-06	1.48E-03	2.71E-04	1.56E-03	3.28E-04	2.58E-03	5.52E-04	3.72E-04	6.89E-05	7.02E-05	1.26E-05	2.03E-05	3.65E-06	4.80E-05	8.62E-06	1.58E-05	1.58E-05	1.92E-01	5.85E-02	4.47E-01	1.10E-01
2403	Gridded	3.02E-05	5.11E-06	5.54E-06	1.09E-06	4.00E-04	6.02E-05	4.01E-04	6.27E-05	3.52E-04	7.09E-05	9.61E-06	1.42E-06	1.60E-03	2.40E-04	1.61E-03	2.79E-04	1.70E-03	3.74E-04	4.01E-04	6.08E-05	7.60E-05	1.12E-05	2.20E-05	3.25E-06	5.20E-05	7.68E-06	1.19E-05	1.19E-05	2.13E-01	5.12E-02	4.52E-01	8.95E-02
2404	Gridded	2.83E-05	5.41E-06	5.70E-06	1.18E-06	3.67E-04	6.21E-05	3.67E-04	6.52E-05	3.69E-04	7.75E-05	8.80E-06	1.45E-06	1.47E-03	2.47E-04	1.53E-03	2.96E-04	3.19E-03	4.74E-04	3.67E-04	6.28E-05	6.96E-05	1.15E-05	2.02E-05	3.33E-06	4.76E-05	7.88E-06	1.38E-05	1.38E-05	2.20E-01	4.51E-02	4.72E-01	8.05E-02
2405	Gridded	2.09E-05	5.29E-06	4.44E-06	1.16E-06	2.79E-04	6.04E-05	2.79E-04	6.36E-05	2.91E-04	7.62E-05	6.70E-06	1.41E-06	1.12E-03	2.40E-04	1.13E-03	2.90E-04	3.74E-03	4.77E-04	2.79E-04	6.11E-05	5.31E-05	1.12E-05	1.54E-05	3.24E-06	3.63E-05	7.66E-06	1.38E-05	1.38E-05	2.50E-01	2.74E-02	5.19E-01	5.34E-02
2406	Gridded	3.19E-05	4.09E-06	6.25E-06	9.06E-07	4.03E-04	4.63E-05	4.10E-04	4.89E-05	4.02E-04	5.96E-05	9.60E-06	1.08E-06	1.61E-03	1.84E-04	1.72E-03	2.25E-04	2.18E-03	3.88E-04	4.05E-04	4.69E-05	7.60E-05	8.57E-06	2.20E-05	2.48E-06	5.20E-05	5.87E-06	1.10E-05	1.10E-05	1.76E-01	3.02E-02	5.42E-01	6.28E-02
2407	Gridded	3.40E-05	4.11E-06	7.29E-06	9.40E-07	3.97E-04	4.58E-05	4.15E-04	4.80E-05	4.77E-04	6.22E-05	9.34E-06	1.08E-06	1.58E-03	1.82E-04	1.86E-03	2.27E-04	2.65E-03	4.65E-04	4.01E-04	4.62E-05	7.40E-05	8.52E-06	2.14E-05	2.47E-06	5.06E-05	5.83E-06	1.22E-05	1.22E-05	2.08E-01	4.38E-02	5.88E-01	8.52E-02
2408	Gridded	2.09E-05	5.35E-06	4.40E-06	1.16E-06	2.50E-04	6.19E-05	2.59E-04	6.49E-05	2.87E-04	7.60E-05	5.91E-06	1.45E-06	9.98E-04	2.46E-04	1.14E-03	2.93E-04	2.72E-03	4.47E-04	2.52E-04	6.26E-05	4.68E-05	1.15E-05	1.35E-05	3.33E-06	3.20E-05	7.87E-06	1.33E-05	1.33E-05	1.94E-01	4.73E-02	5.51E-01	1.22E-01
2409	Gridded	2.13E-05	4.35E-06	4.35E-06	9.10E-07	2.59E-04	5.27E-05	2.67E-04	5.44E-05	2.83E-04	5.98E-05	6.13E-06	1.25E-06	1.03E-03	2.10E-04	1.15E-03	2.36E-04	1.53E-03	3.68E-04	2.61E-04	5.31E-05	4.85E-05	9.86E-06	1.41E-05	2.85E-06	3.32E-05	6.75E-06	1.07E-05	1.07E-05	1.90E-01	5.04E-02	6.07E-01	9.96E-02
2410	Gridded	2.34E-05	3.76E-06	5.17E-06	8.36E-07	2.65E-04	4.24E-05	2.79E-04	4.49E-05	3.40E-04	5.50E-05	6.19E-06	9.92E-07	1.05E-03	1.69E-04	1.28E-03	2.07E-04	2.21E-03	3.64E-04	2.68E-04	4.30E-05	4.90E-05	7.85E-06	1.42E-05	2.27E-06	3.35E-05	5.37E-06	1.02E-05	1.02E-05	2.27E-01	4.44E-02	6.50E-01	6.27E-02
2411	Gridded	2.26E-05	2.54E-06	4.71E-06	5.67E-07	2.71E-04	2.94E-05	2.80E-04	3.08E-05	3.07E-04	3.76E-05	6.39E-06	6.90E-07	1.08E-03	1.17E-04	1.23E-03	1.39E-04	1.71E-03	2.83E-04	2.73E-04	2.97E-05	5.06E-05	5.46E-06	1.47E-05	1.58E-06	3.46E-05	3.74E-06	7.41E-06	7.41E-06	1.65E-01	2.81E-02	4.54E-01	6.36E-02
2412	Gridded	2.63E-05	3.40E-06	5.76E-06	7.34E-07	3.02E-04	3.94E-05	3.17E-04	4.13E-05	3.79E-04	4.81E-05	7.07E-06	9.25E-07	1.20E-03	1.57E-04	1.44E-03	1.86E-04	2.34E-03	2.78E-04	3.05E-04	3.98E-05	5.60E-05	7.32E-06	1.62E-05	2.12E-06	3.83E-05	5.01E-06	8.38E-06	8.38E-06	1.96E-01	3.91E-02	4.88E-01	8.28E-02
2413	Gridded	3.13E-05	3.49E-06	6.14E-06	7.52E-07	3.95E-04	4.05E-05	4.02E-04	4.24E-05	3.96E-04	4.93E-05	9.40E-06	9.51E-07	1.58E-03	1.61E-04	1.69E-03	1.91E-04	2.59E-03	2.83E-04	3.96E-04	4.09E-05	7.44E-05	7.53E-06	2.15E-05	2.18E-06	5.09E-05	5.15E-06	8.55E-06	8.55E-06	2.10E-01	3.55E-02	6.49E-01	1.18E-01
2414	Gridded	2.30E-05	3.22E-06	5.07E-06	7.09E-07	2.62E-04	3.67E-05	2.76E-04	3.87E-05	3.33E-04	4.66E-05	6.12E-06	8.60E-07	1.04E-03	1.46E-04	1.26E-03	1.77E-04	2.12E-03	2.95E-04	2.65E-04	3.72E-05	4.85E-05	6.81E-06	1.40E-05	1.97E-06	3.32E-05	4.66E-06	8.45E-06	8.45E-06	2.16E-01	3.32E-02	5.69E-01	7.31E-02
2415	Gridded	2.08E-05	3.40E-06	4.17E-06	7.44E-07	2.57E-04	3.89E-05	2.63E-04	4.10E-05	2.70E-04	4.89E-05	6.10E-06	9.12E-07	1.03E-03	1.55E-04	1.12E-03	1.86E-04	2.59E-03	3.02E-04	2.58E-04	3.94E-05	4.83E-05	7.22E-06	1.40E-05	2.09E-06	3.30E-05	4.94E-06	8.77E-06	8.77E-06	2.09E-01	2.61E-02	4.75E-01	5.56E-02
2416	Gridded	2.74E-05	2.97E-06	5.45E-06	6.46E-07	3.43E-04	3.43E-05	3.50E-04	3.60E-05	3.52E-04	4.24E-05	8.14E-06	8.04E-07	1.37E-03	1.36E-04	1.48E-03	1.63E-04	1.66E-03	2.55E-04	3.44E-04	3.47E-05	6.44E-05	6.37E-06	1.87E-05	1.84E-06	4.41E-05	4.36E-06	7.49E-06	7.49E-06	2.06E-01	2.60E-02	4.25E-01	4.46E-02
2417	Gridded	1.95E-05	2.11E-06	4.13E-06	4.72E-07	2.31E-04	2.36E-05	2.40E-04	2.50E-05	2.70E-04	3.11E-05	5.45E-06	5.50E-07	9.20E-04	9.37E-05	1.06E-03	1.16E-04	1.38E-03	2.13E-04	2.33E-04	2.39E-05	4.31E-05	4.36E-06	1.25E-05	1.26E-06	2.95E-05	2.98E-06	5.86E-06	5.86E-06	2.21E-01	2.64E-02	4.81E-01	5.08E-02
2418	Gridded	1.72E-05	2.29E-06	3.50E-06	5.06E-07	2.29E-04	2.61E-05	2.29E-04	2.75E-05	2.29E-04	3.33E-05	5.50E-06	6.10E-07	9.16E-04	1.04E-04	9.20E-04	1.26E-04	1.19E-03	2.14E-04	2.29E-04	2.64E-05	4.35E-05	4.83E-06	1.26E-05	1.40E-06	2.98E-05	3.30E-06	6.08E-06	6.08E-06	2.20E-01	2.81E-02	4.70E-01	4.97E-02
2419	Gridded	1.47E-05	2.65E-06	3.09E-06	5.79E-07	1.78E-04	3.03E-05	1.84E-04	3.19E-05	2.04E-04	3.80E-05	4.21E-06	7.11E-07	7.09E-04	1.21E-04	8.01E-04	1.45E-04	1.42E-03	2.34E-04	1.79E-04	3.07E-05	3.33E-05	5.62E-06	9.64E-06	1.63E-06	2.28E-05	3.85E-06	6.81E-06	6.81E-06	1.40E-01	1.84E-02	3.18E-01	3.13E-02
2420	Gridded	1.58E-05	3.36E-06	3.57E-06	7.25E-07	1.74E-04	3.89E-05	1.86E-04	4.08E-05	2.36E-04	4.76E-05	4.06E-06	9.14E-07	6.92E-04	1.55E-04	8.69E-04	1.84E-04	1.69E-03	2.76E-04	1.77E-04	3.93E-05	3.21E-05	7.23E-06	9.30E-06	2.09E-06	2.20E-05	4.95E-06	8.29E-06	8.29E-06	1.53E-01	2.53E-02	4.54E-01	4.66E-02
2421	Gridded	2.02E-05	3.08E-06	4.44E-06	6.76E-07	2.31E-04	3.52E-05	2.44E-04	3.70E-05	2.92E-04	4.44E-05	5.42E-06	8.23E-07	9.20E-04	1.40E-04	1.11E-03	1.69E-04	1.82E-03	2.78E-04	2.34E-04	3.56E-05	4.29E-05	6.52E-06	1.24E-05	1.89E-06	2.93E-05	4.46E-06	8.01E-06	8.01E-06	1.49E-01	2.63E-02	3.64E-01	4.32E-02
2422	Gridded	2.10E-05	2.65E-06	4.37E-06	5.70E-07	2.52E-04	3.09E-05	2.61E-04	3.23E-05	2.85E-04	3.73E-05	5.96E-06	7.27E-07	1.01E-03	1.23E-04	1.14E-03	1.45E-04	1.32E-03	2.27E-04	2.54E-04	3.12E-05	4.72E-05	5.76E-06	1.37E-05	1.67E-06	3.23E-05	3.94E-06	6.45E-06	6.45E-06	1.88E-01	2.42E-02	3.77E-01	4.60E-02
2423	Gridded	1.55E-05	3.66E-06	3.10E-06	7.98E-07	1.93E-04	4.20E-05	1.97E-04	4.41E-05	2.00E-04	5.24E-05	4.58E-06	9.84E-07	7.70E-04	1.67E-04	8.38E-04	2.00E-04	1.09E-03	3.20E-04	1.94E-04	4.25E-05	3.63E-05	7.79E-06	1.05E-05	2.26E-06	2.48E-05	5.33E-06	9.35E-06	9.35E-06	2.01E-01	2.55E-02	4.61E-01	5.28E-02
2424	Gridded	1.29E-05	3.45E-06	2.80E-06	7.59E-07	1.50E-04	3.93E-05	1.57E-04	4.14E-05	1.83E-04	4.99E-05	3.52E-06	9.20E-07	5.96E-04	1.56E-04	7.08E-04	1.89E-04	1.07E-03	3.15E-04	1.51E-04	3.98E-05	2.79E-05	7.28E-06	8.06E-06	2.11E-06	1.91E-05	4.98E-06	9.04E-06	9.04E-06	1.21E-01	3.04E-02	2.39E-01	4.89E-02
2425	Gridded	1.36E-05	3.74E-06	2.81E-06	8.13E-07	1.67E-04	4.31E-05	1.72E-04	4.52E-05	1.84E-04	5.33E-05	3.96E-06	1.01E-06	6.67E-04	1.71E-04	7.39E-04	2.05E-04	1.10E-03	3.19E-04	1.68E-04	4.36E-05	3.14E-05	8.00E-06	9.08E-06	2.32E-06	2.15E-05	5.47E-06	9.43E-06	9.43E-06	1.01E-01	2.33E-02	3.21E-01	4.46E-02
2426	Gridded	1.56E-05	3.54E-06	3.51E-06	7.78E-07	1.74E-04	4.04E-05	1.85E-04	4.25E-05	2.31E-04	5.12E-05	4.07E-06	9.45E-07	6.93E-04	1.61E-04	8.60E-04	1.94E-04	1.60E-03	3.23E-04	1.77E-04	4.08E-05	3.22E-05	7.48E-06	9.32E-06	2.17E-06	2.20E-05	5.12E-06	9.27E-06	9.27E-06	1.03E-01	2.27E-02	1.96E-01	4.32E-02
2427	Gridded	1.88E-05	2.92E-06	4.02E-06	6.24E-07	2.21E-04	3.43E-05	2.31E-04	3.58E-05	2.63E-04	4.09E-05	5.21E-06	8.07E-07	8.82E-04	1.37E-04	1.03E-03	1.60E-04	2.03E-03	2.72E-04	2.24E-04	3.46E-05	4.13E-05	6.39E-06	1.19E-05	1.85E-06	2.82E-05	4.37E-06	7.56E-06	7.56E-06	1.10E-01	2.68E-02	2.23E-01	4.45E-02
2428	Gridded	3.25E-05	3.36E-06	6.62E-06	7.14E-07	3.97E-04	3.95E-05	4.08E-04	4.11E-05	4.30E-04	4.67E-05	9.40E-06	9.29E-07	1.58E-03	1.57E-04	1.76E-03	1.83E-04	2.00E-03	2.48E-04	3.99E-04	3.99E-05	7.44E-05	7.36E-06	2.15E-05	2.13E-06	5.09E-05	5.03E-06	7.84E-06	7.84E-06	1.21E-01	2.78E-02	2.71E-01	4.55E-02
2429	Gridded	2.59E-05	3.08E-06	5.62E-06	6.65E-07	2.99E-04	3.57E-05	3.14E-04	3.74E-05	3.68E-04	4.36E-05	7.01E-06	8.38E-07	1.19E-03	1.42E-04	1.42E-03	1.68E-04	2.18E-03	2.53E-04	3.02E-04	3.61E-05	5.55E-05	6.64E-06	1.61E-05	1.92E-06	3.80E-05	4.54E-06	7.60E-06	7.60E-06	1.78E-01	3.35E-02	3.25E-01	6.44E-02
2430	Gridded	2.70E-05	2.99E-06	5.83E-06	6.62E-07	3.12E-04	3.39E-05	3.27E-04	3.58E-05	3.82E-04	4.36E-05	7.37E-06	7.92E-07	1.24E-03	1.35E-04	1.48E-03	1.64E-04	2.23E-03	2.85E-04	3.16E-04	3.43E-05	5.83E-05	6.27E-06	1.69E-05	1.81E-06	3.99E-05	4.29E-06	8.02E-06	8.02E-06	3.27E-01	3.07E-02	6.43E-01	5.26E-02
2431	Gridded	2.43E-05	3.26E-06	5.33E-06	7.14E-07	2.79E-04	3.72E-05	2.93E-04	3.92E-05	3.50E-04	4.69E-05	6.52E-06	8.72E-07	1.11E-03	1.48E-04	1.33E-03	1.79E-04	2.16E-03	2.92E-04	2.82E-04	3.77E-05	5.17E-05	6.91E-06	1.50E-05	2.00E-06	3.53E-05	4.73E-06	8.44E-06	8.44E-06	4.23E-01	3.10E-02	1.31E+00	6.86E-02
2432	Gridded	2.53E-05	3.18E-06	5.53E-06	6.93E-07	2.90E-04	3.65E-05	3.05E-04	3.84E-05	3.63E-04	4.55E-05	6.79E-06	8.57E-07	1.15E-03	1.45E-04	1.39E-03	1.74E-04	2.24E-03	2.76E-04	2.93E-04	3.70E-05	5.37E-05	6.78E-06	1.56E-05	1.96E-06	3.68E-05	4.64E-06	8.10E-06	8.10E-06	3.82E-01	2.88E-02	9.99E-01	7.69E-02
2433	Gridded	1.94E-05	2.98E-06	4.27E-06	6.51E-07	2.24E-04	3.45E-05	2.35E-04	3.61E-05	2.81E-04	4.28E-05	5.26E-06	8.09E-07	8.91E-04	1.37E-04	1.07E-03	1.63E-04	2.19E-03	2.66E-04	2.26E-04	3.48E-05	4.16E-05	6.40E-06	1.20E-05	1.85E-06	2.85E-05	4.38E-06	7.70E-06	7.70E-06	1.95E-01	2.72E-02	3.80E-01	5.92E-02
2434	Gridded	2.06E-05	2.91E-06	4.57E-06	6.34E-07	2.53E-04	3.34E-05	2.58E-04	3.51E-05	3.01E-04	4.16E-05	6.01E-06	7.82E-07	1.01E-03	1.33E-04	1.13E-03	1.59E-04	2.31E-03	2.71E-04	2.54E-04	3.37E-05	4.76E-05	6.19E-06	1.38E-05	1.79E-06	3.26E-05	4.24E-06	7.63E-06	7.63E-06	1.60E-01	2.49E-02	3.86E-01	4.57E-02
2435	Gridded	2.41E-05	3.55E-06	5.03E-06	7.80E-07	2.89E-04	4.04E-05	2.99E-04	4.26E-05	3.27E-04	5.13E-05	6.81E-06	9.47E-07	1.15E-03	1.61E-04	1.31E-03	1.95E-04	2.03E-03	3.24E-04	2.91E-04	4.09E-05	5.39E-05	7.50E-06	1.56E-05	2.17E-06	3.69E-05	5.13E-06	9.29E-06	9.29E-06	1.87E-01	2.64E-02	4.59E-01	6.68E-02
2436	Gridded	2.70E-05	4.26E-06	5.80E-06	9.32E-07	3.14E-04	4.88E-05	3.28E-04	5.13E-05	3.80E-04	6.12E-05	7.38E-06	1.14E-06	1.25E-03	1.94E-04	1.47E-03	2.33E-04	2.15E-03	3.82E-04	3.17E-04	4.93E-05	5.84E-05	9.04E-06	1.69E-05	2.62E-06	4.00E-05	6.19E-06	1.10E-05	1.10E-05	1.78E-01	2.45E-02	4.09E-01	6.34E-02
2437	Gridded	2.28E-05	3.82E-06	5.14E-06	8.42E-07	2.61E-04	4.35E-05	2.74E-04	4.59E-05	3.40E-04	5.54E-05	6.11E-06	1.02E-06	1.04E-03	1.73E-04	1.26E-03	2.10E-04	2.65E-03	3.53E-04	2.64E-04	4.40E-05	4.83E-05	8.06E-06	1.40E-05	2.33E-06	3.31E-05	5.51E-06	1.01E-05	1.01E-05	2.00E-01	2.41E-02	3.77E-01	4.41E-02
2438	Gridded	2.12E-05	3.74E-06	4.63E-06	8.31E-07	2.44E-04	4.20E-05	2.55E-04	4.45E-05	3.04E-04	5.48E-05	5.75E-06	9.82E-07	9.72E-04	1.67E-04	1.16E-03	2.05E-04	1.96E-03	3.65E-04	2.46E-04	4.26E-05	4.55E-05	7.77E-06	1.32E-05	2.25E-06	3.11E-05	5.32E-06	1.02E-05	1.02E-05	1.53E-01	2.32E-02	3.03E-01	4.17E-02
2439	Gridded	2.14E-05	4.41E-06	4.70E-06	9.73E-07	2.43E-04	5.00E-05	2.57E-04	5.28E-05	3.09E-04	6.40E-05	5.70E-06	1.17E-06	9.68E-04	1.99E-04	1.17E-03	2.42E-04	1.96E-03	4.12E-04	2.46E-04	5.06E-05	4.51E-05	9.26E-06	1.31E-05	2.68E-06	3.09E-05	6.34E-06	1.17E-05	1.17E-05	1.95E-01	1.97E-02	3.57E-01	3.36E-02
2440	Gridded	2.58E-05	3.91E-06	5.79E-06	8.41E-07	2.87E-04	4.54E-05	3.05E-04	4.75E-05	3.82E-04	5.51E-05	6.69E-06	1.07E-06	1.14E-03	1.81E-04	1.42E-03	2.14E-04	2.65E-03	3.38E-04	2.91E-04	4.59E-05	5.30E-05	8.44E-06	1.53E-05	2.44E-06	3.63E-05	5.78E-06	9.82E-06	9.82E-06	2.13E-01	2.24E-02	3.59E-01	3.90E-02
2441	Gridded	3.37E-05	3.54E-06	7.10E-06	7.73E-07	3.99E-04	4.07E-05	4.15E-04	4.28E-05	4.63E-04	5.07E-05	9.41E-06	9.54E-07	1.59E-03	1.62E-04	1.83E-03	1.94E-04	2.49E-03	3.08E-04	4.03E-04	4.11E-05	7.45E-05	7.55E-06	2.16E-05	2.19E-06	5.10E-05	5.17E-06	9.03E-06	9.03E-06	1.80E-01	2.41E-02	3.25E-01	4.01E-02
2442	Gridded	2.68E-05	3.35E-06	5.38E-06	7.20E-07	3.31E-04	3.90E-05	3.40E-04	4.08E-05	3.48E-04	4.71E-05	7.87E-06	9.17E-07	1.32E-03	1.55E-04	1.45E-03	1.83E-04	2.06E-03	2.88E-04	3.33E-04	3.94E-05	6.23E-05	7.26E-06	1.80E-05	2.10E-06	4.26E-05	4.97E-06	8.11E-06	8.11E-06	1.72E-01	2.79E-02	2.89E-01	4.82E-02
2443	Gridded	2.07E-05	3.69E-06	4.53E-06	8.14E-07	2.54E-04	4.20E-05	2.61E-04	4.43E-05	2.98E-04	5.35E-05	6.01E-06	9.83E-07	1.01E-03	1.67E-04	1.12E-03	2.03E-04	1.96E-03	3.41E-04	2.55E-04	4.25E-05	4.76E-05	7.79E-06	1.38E-05	2.25E-06	3.26E-05	5.33E-06	9.73E-06	9.73E-06	1.83E-01	2.83E-02	3.23E-01	5.05E-02
2444	Gridded	2.54E-05	4.44E-06	5.50E-06	9.60E-07	3.12E-04	5.14E-05	3.13E-04	5.39E-05	3.60E-04	6.29E-05	7.46E-06	1.21E-06	1.25E-03	2.05E-04	1.39E-03	2.43E-04	2.10E-03	3.67E-04	3.12E-04	5.20E-05	5.91E-05	9.56E-06	1.71E-05	2.77E-06	4.04E-05	6.54E-06	1.10E-05	1.10E-05	1.90E-01	2.62E-02	3.12E-01	4.77E-02
2445	Gridded	3.11E-05	3.82E-06	6.32E-06	8.12E-07	4.08E-04	4.51E-05	4.10E-04	4.69E-05	4.14E-04	5.31E-05	9.77E-06	1.06E-06	1.63E-03	1.79E-04	1.66E-03	2.09E-04	2.39E-03	2.80E-04	4.09E-04	4.55E-05	7.74E-05	8.40E-06	2.24E-05	2.43E-06	5.29E-05	5.75E-06	8.88E-06	8.88E-06	2.10E-01	2.51E-02	3.58E-01	4.81E-02
2446	Gridded	3.44E-05	3.44E-06	6.79E-06	7.18E-07	4.51E-04	4.16E-05	4.54E-04	4.29E-05	4.42E-04	4.70E-05	1.08E-05	9.82E-07	1.80E-03	1.66E-04	1.84E-03	1.87E-04	2.39E-03	2.59E-04	4.52E-04	4.19E-05	8.55E-05	7.78E-06	2.48E-05	2.25E-06	5.85E-05	5.32E-06	8.01E-06	8.01E-06	2.23E-01	2.65E-02	3.91E-01	4.66E-02
2447	Gridded	2.90E-05	3.09E-06	5.88E-06	6.41E-07	3.57E-04	3.72E-05	3.66E-04	3.85E-05	3.81E-04	4.17E-05	8.46E-06	8.78E-07	1.42E-03	1.48E-04	1.57E-03	1.68E-04	2.24E-03	2.00E-04	3.59E-04	3.75E-05	6.70E-05	6.95E-06	1.94E-05	2.01E-06	4.58E-05	4.76E-06	6.59E-06	6.59E-06	2.36E-01	2.18E-02	3.83E-01	3.67E-02
2448	Gridded	2.54E-05	2.65E-06	5.55E-06	5.49E-07	2.90E-04	3.19E-05	3.06E-04	3.30E-05	3.65E-04	3.57E-05	6.80E-06	7.54E-07	1.15E-03	1.27E-04	1.39E-03	1.44E-04	2.26E-03	1.67E-04	2.94E-04	3.21E-05	5.39E-05	5.97E-06	1.56E-05	1.73E-06	3.68E-05	4.08E-06	5.62E-06	5.62E-06	2.51E-01	2.20E-02	3.56E-01	3.91E-02
2449	Gridded	1.84E-05	3.99E-06	3.91E-06	8.45E-07	2.41E-04	4.71E-05	2.42E-04	4.91E-05	2.56E-04	5.52E-05	5.79E-06	1.11E-06	9.65E-04	1.88E-04	1.00E-03	2.18E-04	2.47E-03	3.12E-04	2.41E-04	4.76E-05	4.58E-05	8.79E-06	1.33E-05	2.54E-06	3.13E-05	6.01E-06	9.19E-06	9.19E-06	1.75E-01	2.87E-02	4.37E-01	6.06E-02
2450	Gridded	1.88E-05	3.02E-06	4.07E-06	6.26E-07	2.28E-04	3.63E-05	2.28E-04	3.76E-05	2.67E-04	4.07E-05	5.48E-06	8.59E-07	9.13E-04	1.45E-04	1.03E-03	1.64E-04	2.30E-03	2.54E-04	2.28E-04	3.66E-05	4.34E-05	6.80E-06	1.26E-05	1.97E-06	2.97E-05	4.65E-06	6.41E-06	6.41E-06	1.66E-01	3.48E-02	3.69E-01	7.62E-02
2451	Gridded	1.63E-05	3.11E-06	3.51E-06	6.90E-07	2.01E-04	3.62E-05	2.01E-04	3.79E-05	2.30E-04	4.57E-05	4.82E-06	8.50E-07	8.03E-04	1.44E-04	8.91E-04	1.70E-04	1.78E-03	3.54E-04	2.01E-04	3.66E-05	3.82E-05	6.73E-06	1.10E-05	1.95E-06	2.61E-05	4.60E-06	9.15E-06	9.15E-06	1.29E-01	4.19E-02	3.35E-01	8.97E-02
2452	Gridded	2.08E-05	4.35E-06	4.45E-06	9.55E-07	2.69E-04	4.96E-05	2.71E-04	5.23E-05	2.92E-04	6.28E-05	6.41E-06	1.16E-06	1.07E-03	1.97E-04	1.12E-03	2.39E-04	1.77E-03	3.95E-04	2.69E-04	5.02E-05	5.08E-05	9.19E-06	1.47E-05	2.66E-06	3.47E-05	6.29E-06	1.14E-05	1.14E-05	1.64E-01	4.63E-02	3.48E-01	8.72E-02
2453	Gridded	2.63E-05	4.55E-06	4.83E-06	9.67E-07	3.49E-04	5.36E-05	3.50E-04	5.58E-05	3.07E-04	6.32E-05	8.37E-06	1.26E-06	1.40E-03	2.13E-04	1.40E-03	2.48E-04	1.54E-03	3.35E-04	3.49E-04	5.41E-05	6.63E-05	9.99E-06	1.92E-05	2.89E-06	4.53E-05	6.83E-06	1.06E-05	1.06E-05	1.89E-01	4.56E-02	4.01E-01	8.02E-02

Scenario 1 Results

2454	Gridded	2.12E-05	4.32E-06	4.17E-06	9.43E-07	2.82E-04	4.96E-05	2.82E-04	5.21E-05	2.70E-04	6.19E-05	6.77E-06	1.16E-06	1.13E-03	1.97E-04	1.13E-03	2.37E-04	2.40E-03	3.78E-04	2.82E-04	5.01E-05	5.36E-05	9.20E-06	1.55E-05	2.66E-06	3.67E-05	6.30E-06	1.11E-05	1.11E-05	1.69E-01	3.70E-02	3.67E-01	6.55E-02
2455	Gridded	2.18E-05	5.10E-06	4.44E-06	1.12E-06	2.90E-04	5.82E-05	2.90E-04	6.13E-05	2.91E-04	7.35E-05	6.96E-06	1.36E-06	1.16E-03	2.32E-04	1.16E-03	2.80E-04	3.71E-03	4.60E-04	2.90E-04	5.89E-05	5.51E-05	1.08E-05	1.60E-05	3.13E-06	3.77E-05	7.39E-06	1.33E-05	1.33E-05	2.40E-01	2.77E-02	4.88E-01	4.90E-02
2456	Gridded	3.05E-05	4.27E-06	5.94E-06	9.43E-07	3.87E-04	4.84E-05	3.94E-04	5.11E-05	3.82E-04	6.20E-05	9.23E-06	1.13E-06	1.55E-03	1.93E-04	1.64E-03	2.34E-04	2.46E-03	4.00E-04	3.89E-04	4.90E-05	7.31E-05	8.97E-06	2.12E-05	2.60E-06	5.00E-05	6.14E-06	1.14E-05	1.14E-05	1.74E-01	2.67E-02	5.19E-01	6.08E-02
2457	Gridded	3.08E-05	3.33E-06	6.44E-06	7.29E-07	3.69E-04	3.88E-05	3.82E-04	4.06E-05	4.19E-04	4.83E-05	8.71E-06	9.12E-07	1.47E-03	1.54E-04	1.68E-03	1.82E-04	1.99E-03	3.66E-04	3.72E-04	3.92E-05	6.90E-05	7.22E-06	2.00E-05	2.09E-06	4.72E-05	4.94E-06	9.56E-06	9.56E-06	1.80E-01	3.58E-02	4.98E-01	6.57E-02
2458	Gridded	1.68E-05	4.35E-06	3.80E-06	9.57E-07	1.95E-04	4.96E-05	2.04E-04	5.22E-05	2.54E-04	6.29E-05	4.57E-06	1.16E-06	7.74E-04	1.97E-04	9.17E-04	2.39E-04	2.34E-03	3.98E-04	1.97E-04	5.02E-05	3.62E-05	9.19E-06	1.05E-05	2.66E-06	2.47E-05	6.28E-06	1.14E-05	1.14E-05	1.77E-01	4.03E-02	4.59E-01	9.46E-02
2459	Gridded	1.72E-05	4.18E-06	3.60E-06	8.74E-07	2.05E-04	5.00E-05	2.13E-04	5.19E-05	2.35E-04	5.69E-05	4.84E-06	1.18E-06	8.17E-04	1.99E-04	9.36E-04	2.28E-04	1.38E-03	3.16E-04	2.07E-04	5.04E-05	3.83E-05	9.35E-06	1.11E-05	2.71E-06	2.62E-05	6.40E-06	9.28E-06	9.28E-06	1.70E-01	4.24E-02	5.24E-01	9.99E-02
2460	Gridded	1.63E-05	3.36E-06	3.43E-06	7.43E-07	1.97E-04	3.80E-05	2.03E-04	4.01E-05	2.26E-04	4.89E-05	4.65E-06	8.88E-07	7.83E-04	1.51E-04	8.85E-04	1.84E-04	1.46E-03	3.19E-04	1.98E-04	3.85E-05	3.68E-05	7.03E-06	1.06E-05	2.03E-06	2.52E-05	4.81E-06	9.00E-06	9.00E-06	1.75E-01	4.10E-02	4.37E-01	5.85E-02
2461	Gridded	2.17E-05	2.45E-06	4.62E-06	5.44E-07	2.56E-04	2.78E-05	2.67E-04	2.93E-05	3.02E-04	3.60E-05	6.03E-06	6.51E-07	1.02E-03	1.11E-04	1.19E-03	1.34E-04	1.59E-03	2.71E-04	2.58E-04	2.81E-05	4.77E-05	5.15E-06	1.38E-05	1.49E-06	3.27E-05	3.53E-06	7.11E-06	7.11E-06	1.88E-01	2.92E-02	5.41E-01	5.50E-02
2462	Gridded	1.60E-05	2.71E-06	3.67E-06	5.87E-07	1.92E-04	3.14E-05	1.96E-04	3.29E-05	2.43E-04	3.84E-05	4.57E-06	7.37E-07	7.67E-04	1.25E-04	8.84E-04	1.48E-04	1.82E-03	2.24E-04	1.93E-04	3.17E-05	3.62E-05	5.84E-06	1.05E-05	1.69E-06	2.47E-05	3.99E-06	6.72E-06	6.72E-06	1.52E-01	2.66E-02	3.52E-01	5.29E-02
2463	Gridded	3.03E-05	3.41E-06	6.18E-06	7.37E-07	3.71E-04	3.97E-05	3.81E-04	4.15E-05	4.01E-04	4.83E-05	8.78E-06	9.31E-07	1.48E-03	1.58E-04	1.64E-03	1.87E-04	1.93E-03	2.77E-04	3.73E-04	4.01E-05	6.95E-05	7.37E-06	2.01E-05	2.13E-06	4.76E-05	5.04E-06	8.38E-06	8.38E-06	1.90E-01	3.66E-02	5.64E-01	1.07E-01
2464	Gridded	2.17E-05	2.78E-06	4.86E-06	5.99E-07	2.47E-04	3.23E-05	2.58E-04	3.38E-05	3.20E-04	3.93E-05	5.84E-06	7.58E-07	9.85E-04	1.28E-04	1.19E-03	1.52E-04	2.19E-03	2.26E-04	2.49E-04	3.26E-05	4.62E-05	6.00E-06	1.34E-05	1.74E-06	3.16E-05	4.10E-06	6.82E-06	6.82E-06	1.85E-01	3.29E-02	6.08E-01	8.58E-02
2465	Gridded	2.45E-05	3.58E-06	5.21E-06	7.88E-07	2.89E-04	4.08E-05	3.01E-04	4.30E-05	3.41E-04	5.18E-05	6.81E-06	9.56E-07	1.15E-03	1.62E-04	1.34E-03	1.97E-04	2.33E-03	3.27E-04	2.92E-04	4.13E-05	5.39E-05	7.57E-06	1.56E-05	2.19E-06	3.69E-05	5.18E-06	9.38E-06	9.38E-06	2.25E-01	2.90E-02	5.37E-01	5.43E-02
2466	Gridded	2.47E-05	3.10E-06	5.46E-06	6.73E-07	2.80E-04	3.58E-05	2.96E-04	3.76E-05	3.59E-04	4.42E-05	6.56E-06	8.41E-07	1.11E-03	1.43E-04	1.36E-03	1.70E-04	2.32E-03	2.62E-04	2.84E-04	3.62E-05	5.19E-05	6.66E-06	1.50E-05	1.93E-06	3.55E-05	4.55E-06	7.77E-06	7.77E-06	2.21E-01	2.67E-02	5.15E-01	5.32E-02
2467	Gridded	2.46E-05	2.59E-06	4.70E-06	5.65E-07	3.17E-04	2.98E-05	3.20E-04	3.13E-05	3.02E-04	3.71E-05	7.57E-06	7.00E-07	1.27E-03	1.19E-04	1.32E-03	1.42E-04	1.89E-03	2.33E-04	3.18E-04	3.02E-05	5.99E-05	5.54E-06	1.73E-05	1.60E-06	4.10E-05	3.79E-06	6.60E-06	6.60E-06	2.05E-01	2.37E-02	4.36E-01	4.62E-02
2468	Gridded	2.05E-05	1.92E-06	4.14E-06	4.20E-07	2.53E-04	2.20E-05	2.59E-04	2.32E-05	2.68E-04	2.76E-05	5.99E-06	5.16E-07	1.01E-03	8.76E-05	1.11E-03	1.05E-04	1.02E-03	1.89E-04	2.54E-04	2.23E-05	4.74E-05	4.08E-06	1.37E-05	1.18E-06	3.24E-05	2.79E-06	5.15E-06	5.15E-06	2.04E-01	2.62E-02	4.70E-01	4.60E-02
2469	Gridded	1.43E-05	2.09E-06	3.02E-06	4.62E-07	1.69E-04	2.36E-05	1.76E-04	2.49E-05	1.97E-04	3.04E-05	3.98E-06	5.52E-07	6.73E-04	9.38E-05	7.79E-04	1.15E-04	1.01E-03	1.98E-04	1.70E-04	2.39E-05	3.15E-05	4.37E-06	9.12E-06	1.26E-06	2.16E-05	2.99E-06	5.59E-06	5.59E-06	1.73E-01	2.36E-02	3.37E-01	4.18E-02
2470	Gridded	1.14E-05	2.39E-06	2.55E-06	5.13E-07	1.28E-04	2.79E-05	1.36E-04	2.92E-05	1.68E-04	3.36E-05	3.00E-06	6.55E-07	5.10E-04	1.11E-04	6.26E-04	1.31E-04	1.26E-03	1.89E-04	1.30E-04	2.82E-05	2.37E-05	5.19E-06	6.87E-06	1.50E-06	1.62E-05	3.55E-06	5.78E-06	5.78E-06	1.21E-01	1.42E-02	2.70E-01	2.94E-02
2471	Gridded	1.60E-05	3.13E-06	3.61E-06	6.79E-07	1.77E-04	3.62E-05	1.88E-04	3.80E-05	2.39E-04	4.45E-05	4.12E-06	8.51E-07	7.02E-04	1.44E-04	8.80E-04	1.72E-04	1.70E-03	2.62E-04	1.79E-04	3.66E-05	3.26E-05	6.73E-06	9.44E-06	1.95E-06	2.23E-05	4.61E-06	7.81E-06	7.81E-06	1.34E-01	2.28E-02	4.02E-01	4.16E-02
2472	Gridded	2.01E-05	2.72E-06	4.37E-06	5.98E-07	2.30E-04	3.10E-05	2.42E-04	3.27E-05	2.87E-04	3.93E-05	5.40E-06	7.26E-07	9.17E-04	1.23E-04	1.10E-03	1.49E-04	1.75E-03	2.48E-04	2.33E-04	3.14E-05	4.28E-05	5.74E-06	1.24E-05	1.66E-06	2.93E-05	3.93E-06	7.12E-06	7.12E-06	1.33E-01	2.42E-02	3.35E-01	3.96E-02
2473	Gridded	2.05E-05	2.53E-06	4.23E-06	5.45E-07	2.47E-04	2.94E-05	2.55E-04	3.08E-05	2.75E-04	3.57E-05	5.83E-06	6.91E-07	9.84E-04	1.17E-04	1.11E-03	1.38E-04	1.23E-03	2.04E-04	2.49E-04	2.97E-05	4.62E-05	5.47E-06	1.34E-05	1.58E-06	3.16E-05	3.75E-06	6.17E-06	6.17E-06	1.72E-01	2.25E-02	3.50E-01	4.34E-02
2474	Gridded	1.50E-05	3.33E-06	2.98E-06	7.27E-07	1.87E-04	3.82E-05	1.91E-04	4.01E-05	1.93E-04	4.78E-05	4.44E-06	8.95E-07	7.46E-04	1.52E-04	8.09E-04	1.82E-04	9.98E-04	2.93E-04	1.88E-04	3.86E-05	3.52E-05	7.08E-06	1.02E-05	2.05E-06	2.41E-05	4.85E-06	8.54E-06	8.54E-06	1.71E-01	2.30E-02	3.90E-01	4.40E-02
2475	Gridded	1.24E-05	3.22E-06	2.68E-06	7.09E-07	1.43E-04	3.67E-05	1.50E-04	3.87E-05	1.76E-04	4.66E-05	3.36E-06	8.60E-07	5.70E-04	1.46E-04	6.77E-04	1.77E-04	1.03E-03	2.95E-04	1.45E-04	3.72E-05	2.66E-05	6.81E-06	7.71E-06	1.97E-06	1.82E-05	4.66E-06	8.45E-06	8.45E-06	1.12E-01	2.88E-02	2.17E-01	4.64E-02
2476	Gridded	1.30E-05	3.59E-06	2.81E-06	7.80E-07	1.56E-04	4.13E-05	1.59E-04	4.34E-05	1.84E-04	5.12E-05	3.70E-06	9.70E-07	6.22E-04	1.64E-04	7.09E-04	1.96E-04	1.09E-03	3.07E-04	1.57E-04	4.18E-05	2.93E-05	7.68E-06	8.48E-06	2.22E-06	2.00E-05	5.25E-06	9.05E-06	9.05E-06	1.03E-01	2.19E-02	3.18E-01	4.58E-02
2477	Gridded	1.59E-05	3.54E-06	3.45E-06	7.76E-07	1.82E-04	4.04E-05	1.92E-04	4.25E-05	2.26E-04	5.10E-05	4.28E-06	9.46E-07	7.26E-04	1.61E-04	8.68E-04	1.94E-04	1.36E-03	3.20E-04	1.84E-04	4.09E-05	3.39E-05	7.49E-06	9.80E-06	2.17E-06	2.32E-05	5.12E-06	9.21E-06	9.21E-06	1.03E-01	2.15E-02	1.94E-01	4.02E-02
2478	Gridded	1.71E-05	3.01E-06	3.61E-06	6.44E-07	2.03E-04	3.53E-05	2.11E-04	3.69E-05	2.36E-04	4.21E-05	4.79E-06	8.31E-07	8.09E-04	1.41E-04	9.33E-04	1.65E-04	1.92E-03	2.74E-04	2.05E-04	3.57E-05	3.79E-05	6.58E-06	1.10E-05	1.90E-06	2.59E-05	4.50E-06	7.63E-06	7.63E-06	1.10E-01	2.57E-02	2.27E-01	4.56E-02
2479	Gridded	2.80E-05	2.81E-06	5.73E-06	6.01E-07	3.41E-04	3.29E-05	3.51E-04	3.44E-05	3.72E-04	3.93E-05	8.06E-06	7.75E-07	1.36E-03	1.31E-04	1.52E-03	1.54E-04	1.91E-03	2.15E-04	3.43E-04	3.33E-05	6.38E-05	6.13E-06	1.85E-05	1.78E-06	4.37E-05	4.20E-06	6.68E-06	6.68E-06	1.12E-01	2.53E-02	2.38E-01	4.12E-02
2480	Gridded	2.49E-05	3.30E-06	5.37E-06	7.11E-07	2.88E-04	3.84E-05	3.02E-04	4.01E-05	3.52E-04	4.66E-05	6.77E-06	9.01E-07	1.15E-03	1.53E-04	1.36E-03	1.80E-04	2.11E-03	2.66E-04	2.91E-04	3.88E-05	5.36E-05	7.13E-06	1.55E-05	2.07E-06	3.67E-05	4.88E-06	8.06E-06	8.06E-06	1.22E-01	3.02E-02	2.67E-01	5.89E-02
2481	Gridded	2.83E-05	2.62E-06	6.13E-06	5.82E-07	3.26E-04	2.97E-05	3.42E-04	3.14E-05	4.02E-04	3.83E-05	7.66E-06	6.94E-07	1.30E-03	1.18E-04	1.55E-03	1.44E-04	2.39E-03	2.51E-04	3.30E-04	3.00E-05	6.06E-05	5.49E-06	1.75E-05	1.59E-06	4.15E-05	3.76E-06	7.06E-06	7.06E-06	2.68E-01	3.01E-02	4.23E-01	4.29E-02
2482	Gridded	2.19E-05	2.86E-06	4.65E-06	6.29E-07	2.57E-04	3.27E-05	2.68E-04	3.44E-05	3.04E-04	4.14E-05	6.06E-06	7.65E-07	1.02E-03	1.30E-04	1.19E-03	1.57E-04	1.69E-03	2.65E-04	2.60E-04	3.30E-05	4.80E-05	6.05E-06	1.39E-05	1.75E-06	3.28E-05	4.14E-06	7.55E-06	7.55E-06	3.83E-01	2.96E-02	1.12E+00	6.45E-02
2483	Gridded	2.28E-05	2.86E-06	4.89E-06	6.24E-07	2.72E-04	3.28E-05	2.82E-04	3.44E-05	3.23E-04	4.10E-05	6.41E-06	7.68E-07	1.08E-03	1.30E-04	1.24E-03	1.56E-04	2.27E-03	2.51E-04	2.74E-04	3.31E-05	5.08E-05	6.08E-06	1.47E-05	1.76E-06	3.47E-05	4.16E-06	7.31E-06	7.31E-06	4.07E-01	2.79E-02	1.17E+00	6.22E-02
2484	Gridded	2.36E-05	2.69E-06	4.90E-06	5.82E-07	2.83E-04	3.12E-05	2.93E-04	3.27E-05	3.19E-04	3.81E-05	6.68E-06	7.33E-07	1.13E-03	1.24E-04	1.28E-03	1.47E-04	1.83E-03	2.31E-04	2.85E-04	3.15E-05	5.29E-05	5.80E-06	1.53E-05	1.68E-06	3.62E-05	3.97E-06	6.65E-06	6.65E-06	2.61E-01	2.66E-02	5.60E-01	6.81E-02
2485	Gridded	1.98E-05	2.84E-06	4.21E-06	6.16E-07	2.35E-04	3.29E-05	2.42E-04	3.45E-05	2.76E-04	4.05E-05	5.55E-06	7.72E-07	9.36E-04	1.31E-04	1.08E-03	1.56E-04	2.36E-03	2.67E-04	2.37E-04	3.32E-05	4.40E-05	6.11E-06	1.27E-05	1.77E-06	3.01E-05	4.18E-06	7.49E-06	7.49E-06	1.55E-01	2.55E-02	3.61E-01	4.18E-02
2486	Gridded	2.44E-05	2.96E-06	5.25E-06	6.54E-07	2.84E-04	3.37E-05	2.97E-04	3.55E-05	3.44E-04	4.30E-05	6.67E-06	7.88E-07	1.13E-03	1.34E-04	1.33E-03	1.63E-04	2.03E-03	2.75E-04	2.87E-04	3.41E-05	5.28E-05	6.24E-06	1.53E-05	1.81E-06	3.61E-05	4.27E-06	7.84E-06	7.84E-06	1.79E-01	2.51E-02	3.78E-01	5.58E-02
2487	Gridded	2.14E-05	3.89E-06	4.67E-06	8.53E-07	2.50E-04	4.45E-05	2.59E-04	4.69E-05	3.06E-04	5.60E-05	5.93E-06	1.04E-06	9.98E-04	1.77E-04	1.17E-03	2.13E-04	1.85E-03	3.48E-04	2.52E-04	4.50E-05	4.69E-05	8.25E-06	1.36E-05	2.39E-06	3.21E-05	5.65E-06	1.01E-05	1.01E-05	1.68E-01	2.50E-02	4.45E-01	6.59E-02
2488	Gridded	2.75E-05	3.91E-06	6.04E-06	8.64E-07	3.14E-04	4.44E-05	3.31E-04	4.67E-05	3.97E-04	5.68E-05	7.36E-06	1.04E-06	1.25E-03	1.76E-04	1.51E-03	2.14E-04	2.49E-03	3.68E-04	3.18E-04	4.49E-05	5.82E-05	8.23E-06	1.69E-05	2.38E-06	3.99E-05	5.63E-06	1.04E-05	1.04E-05	1.93E-01	2.12E-02	3.67E-01	4.61E-02
2489	Gridded	2.29E-05	3.19E-06	5.09E-06	7.03E-07	2.65E-04	3.62E-05	2.77E-04	3.82E-05	3.36E-04	4.62E-05	6.21E-06	8.47E-07	1.05E-03	1.44E-04	1.25E-03	1.75E-04	2.45E-03	2.96E-04	2.67E-04	3.66E-05	4.91E-05	6.71E-06	1.42E-05	1.94E-06	3.36E-05	4.59E-06	8.43E-06	8.43E-06	1.64E-01	2.31E-02	3.34E-01	4.28E-02
2490	Gridded	2.11E-05	3.93E-06	4.62E-06	8.74E-07	2.42E-04	4.42E-05	2.55E-04	4.68E-05	3.03E-04	5.76E-05	5.69E-06	1.03E-06	9.63E-04	1.76E-04	1.16E-03	2.16E-04	2.09E-03	3.84E-04	2.45E-04	4.48E-05	4.51E-05	8.18E-06	1.30E-05	2.37E-06	3.08E-05	5.60E-06	1.07E-05	1.07E-05	1.41E-01	2.01E-02	3.07E-01	3.65E-02
2491	Gridded	1.88E-05	4.07E-06	4.14E-06	8.97E-07	2.15E-04	4.62E-05	2.26E-04	4.88E-05	2.73E-04	5.90E-05	5.10E-06	1.08E-06	8.58E-04	1.84E-04	1.03E-03	2.23E-04	2.18E-03	3.77E-04	2.17E-04	4.68E-05	4.03E-05	8.56E-06	1.17E-05	2.48E-06	2.76E-05	5.86E-06	1.08E-05	1.08E-05	2.14E-01	1.93E-02	3.86E-01	3.37E-02
2492	Gridded	2.56E-05	3.52E-06	5.70E-06	7.59E-07	2.88E-04	4.08E-05	3.05E-04	4.28E-05	3.76E-04	4.97E-05	6.72E-06	9.59E-07	1.14E-03	1.63E-04	1.41E-03	1.92E-04	2.52E-03	2.87E-04	2.92E-04	4.13E-05	5.32E-05	7.59E-06	1.54E-05	2.20E-06	3.64E-05	5.20E-06	8.64E-06	8.64E-06	2.02E-01	2.09E-02	3.28E-01	3.66E-02
2493	Gridded	3.04E-05	3.21E-06	6.35E-06	6.98E-07	3.63E-04	3.71E-05	3.76E-04	3.89E-05	4.14E-04	4.58E-05	8.56E-06	8.69E-07	1.45E-03	1.47E-04	1.65E-03	1.76E-04	2.16E-03	2.74E-04	3.66E-04	3.75E-05	6.78E-05	6.88E-06	1.96E-05	1.99E-06	4.64E-05	4.71E-06	8.08E-06	8.08E-06	1.47E-01	2.29E-02	2.69E-01	3.85E-02
2494	Gridded	2.68E-05	3.15E-06	5.38E-06	6.78E-07	3.32E-04	3.68E-05	3.40E-04	3.84E-05	3.48E-04	4.45E-05	7.87E-06	8.64E-07	1.32E-03	1.46E-04	1.45E-03	1.72E-04	2.14E-03	2.87E-04	3.33E-04	3.71E-05	6.23E-05	6.84E-06	1.80E-05	1.98E-06	4.26E-05	4.68E-06	8.08E-06	8.08E-06	1.69E-01	2.64E-02	2.89E-01	4.57E-02
2495	Gridded	2.32E-05	4.06E-06	5.18E-06	8.98E-07	2.68E-04	4.59E-05	2.77E-04	4.85E-05	3.41E-04	5.91E-05	6.35E-06	1.07E-06	1.07E-03	1.83E-04	1.27E-03	2.23E-04	2.32E-03	3.84E-04	2.70E-04	4.65E-05	5.03E-05	8.50E-06	1.45E-05	2.46E-06	3.44E-05	5.82E-06	1.09E-05	1.09E-05	2.04E-01	2.72E-02	3.29E-01	4.87E-02
2496	Gridded	2.53E-05	4.40E-06	5.51E-06	9.54E-07	2.90E-04	5.09E-05	3.05E-04	5.34E-05	3.62E-04	6.25E-05	6.81E-06	1.19E-06	1.15E-03	2.02E-04	1.38E-03	2.41E-04	2.19E-03	3.68E-04	2.94E-04	5.14E-05	5.39E-05	9.45E-06	1.56E-05	2.74E-06	3.69E-05	6.47E-06	1.10E-05	1.10E-05	1.65E-01	2.42E-02	2.80E-01	4.42E-02
2497	Gridded	2.79E-05	3.78E-06	6.04E-06	8.03E-07	3.33E-04	4.45E-05	3.38E-04	4.63E-05	3.96E-04	5.25E-05	7.99E-06	1.05E-06	1.33E-03	1.77E-04	1.53E-03	2.06E-04	2.34E-03	2.78E-04	3.34E-04	4.49E-05	6.33E-05	8.29E-06	1.83E-05	2.40E-06	4.33E-05	5.67E-06	8.80E-06	8.80E-06	1.84E-01	2.35E-02	3.06E-01	4.56E-02
2498	Gridded	2.77E-05	2.88E-06	5.96E-06	6.09E-07	3.66E-04	3.48E-05	3.67E-04	3.59E-05	3.90E-04	3.98E-05	8.78E-06	8.23E-07	1.46E-03	1.39E-04	1.51E-03	1.56E-04	2.22E-03	2.31E-04	3.66E-04	3.50E-05	6.95E-05	6.51E-06	2.01E-05	1.89E-06	4.76E-05	4.46E-06	6.80E-06	6.80E-06	1.95E-01	2.40E-02	3.37E-01	4.29E-02
2499	Gridded	2.22E-05	2.57E-06	4.49E-06	5.31E-07	2.92E-04	3.10E-05	2.92E-04	3.20E-05	2.91E-04	3.45E-05	6.99E-06	7.33E-07	1.17E-03	1.24E-04	1.20E-03	1.39E-04	1.56E-03	1.87E-04	2.92E-04	3.12E-05	5.54E-05	5.81E-06	1.60E-05	1.68E-06	3.79E-05	3.97E-06	5.74E-06	5.74E-06	1.88E-01	1.85E-02	3.37E-01	3.18E-02
2500	Gridded	2.57E-05	3.79E-06	5.60E-06	7.85E-07	2.95E-04	4.58E-05	3.10E-04	4.73E-05	3.68E-04	5.10E-05	6.91E-06	1.08E-06	1.17E-03	1.83E-04	1.41E-03	2.06E-04	3.18E-03	3.38E-04	2.98E-04	4.61E-05	5.47E-05	8.57E-06	1.58E-05	2.48E-06	3.74E-05	5.86E-06	7.98E-06	7.98E-06	1.81E-01	3.97E-02	4.31E-01	8.64E-02
2501	Gridded	2.39E-05	4.59E-06	5.18E-06	9.96E-07	2.77E-04	5.31E-05	2.90E-04	5.57E-05	3.40E-04	6.53E-05	6.50E-06	1.25E-06	1.10E-03	2.11E-04	1.31E-03	2.51E-04	2.77E-03	5.15E-04	2.80E-04	5.37E-05	5.15E-05	9.86E-06	1.49E-05	2.85E-06	3.52E-05	6.75E-06	1.30E-05	1.30E-05	1.60E-01	4.93E-02	3.91E-01	1.05E-01
2502	Gridded	2.83E-05	5.68E-06	6.19E-06	1.26E-06	3.64E-04	6.44E-05	3.69E-04	6.80E-05	4.06E-04	8.27E-05	8.69E-06	1.51E-06	1.45E-03	2.56E-04	1.55E-03	3.12E-04	2.51E-03	5.36E-04	3.65E-04	6.52E-05	6.88E-05	1.19E-05	1.99E-05	3.45E-06	4.71E-05	8.16E-06	1.52E-05	1.52E-05	1.87E-01	5.31E-02	4.10E-01	1.01E-01
2503	Gridded	2.94E-05	5.07E-06	5.42E-06	1.08E-06	3.90E-04	5.96E-05	3.91E-04	6.21E-05	3.45E-04	7.06E-05	9.36E-06	1.40E-06	1.56E-03	2.37E-04	1.57E-03	2.77E-04	1.85E-03	3.79E-04	3.91E-04	6.01E-05	7.41E-05	1.11E-05	2.15E-05	3.21E-06	5.07E-05	7.59E-06	1.19E-05	1.19E-05	1.91E-01	4.72E-02	4.13E-01	8.46E-02
2504	Gridded	2.51E-05	4.48E-06	4.77E-06	9.79E-07	3.34E-04	5.13E-05	3.34E-04	5.40E-05	3.10E-04	6.43E-05	8.01E-06	1.20E-06	1.34E-03	2.04E-04	1.34E-03	2.45E-04	2.82E-03	3.95E-04	3.34E-04	5.19E-05	6.34E-05	9.52E-06	1.84E-05	2.76E-06	4.34E-05	6.52E-06	1.15E-05	1.15E-05	1.77E-01	3.91E-02	3.84E-01	7.13E-02
2505	Gridded	1.87E-05	4.41E-06	3.58E-06	9.67E-07	2.49E-04	5.03E-05	2.49E-04	5.30E-05	2.35E-04	6.36E-05	5.97E-06	1.18E-06	9.96E-04	2.00E-04	9.96E-04	2.42E-04	3.06E-03	3.98E-04	2.49E-04	5.09E-05	4.73E-05	9.33E-06	1.37E-05	2.70E-06	3.24E-05	6.39E-06	1.15E-05	1.15E-05	2.04E-01	2.50E-02	4.08E-01	4.16E-02
2506	Gridded	2.18E-05	3.78E-06	4.22E-06	8.35E-07	2.78E-04	4.29E-05	2.82E-04	4.53E-05	2.72E-04	5.49E-05	6.62E-06	1.00E-06	1.11E-03	1.71E-04	1.17E-03	2.08E-04	2.00E-03	3.54E-04	2.79E-04	4.34E-05	5.24E-05	7.94E-06	1.52E-05	2.30E-06	3.59E-05	5.44E-06	1.00E-05	1.00E-05	1.39E-01	2.25E-02	3.99E-01	4.85E-02
2507	Gridded	2.99E-05	3.03E-06	6.12E-06	6.49E-07	3.63E-04	3.53E-05	3.74E-04	3.69E-05	3.98E-04	4.25E-05	8.60E-06	8.30E-07	1.45E-03	1.41E-04	1.62E-03	1.65E-04	1.65E-03	3.11E-04	3.66E-04	3.57E-05	6.81E-05	6.57E-06	1.97E-05	1.90E-06	4.66E-05	4.50E-06	8.08E-06	8.08E-06	1.74E-01	3.09E-02	4.43E-01	5.53E-02
2508	Gridded	1.88E-05	3.94E-06	4.38E-06	8.79E-07	2.02E-04	4.42E-05	2.18E-04	4.69E-05	2.91E-04	5.79E-05	4.68E-06	1.03E-06	8.02E-04	1.76E-04	1.04E-03	2.17E-04	2.30E-03	3.91E-04	2.06E-04	4.48E-05	3.71E-05	8.18E-06	1.07E-05	2.37E-06	2.54E-05	5.59E-06	1.08E-05	1.08E-05	1.75E-01	3.71E-02	4.12E-01	7.91E-02
2509	Gridded	1.53E-05	3.98E-06	3.24E-06	8.43E-07	1.83E-04	4.70E-05	1.89E-04	4.90E-05	2.11E-04	5.51E-05	4.35E-06	1.11E-06	7.31E-04	1.87E-04	8.35E-04	2.17E-04	1.47E-03	2.85E-04	1.84E-04	4.75E-05	3.44E-05	8.77E-06	9.96E-06	2.54E-06	2.35E-05	6.00E-06	9.15E-06	9.15E-06	1.57E-01	3.62E-02	4.22E-01	9.47E-02
2510	Gridded	1.42E-05	3.09E-06	2.92E-06	6.81E-07	1.72E-04	3.51E-05	1.77E-04	3.70E-05	1.90E-04	4.48E-05	4.10E-06	8.20E-07	6.88E-04	1.39E-04	7.69E-04	1.69E-04	1.15E-03	2.87E-04	1.73E-04	3.55E-05	3.24E-05	6.49E-06	9.39E-06	1.88E-06	2.22E-05	4.44E-06	8.17E-06	8.17E-06	1.48E-01	3.76E-02	4.15E-01	6.08E-02
2511	Gridded	1.73E-05	2.53E-06	3.72E-06	5.60E-07	2.02E-04	2.86E-05	2.11E-04	3.02E-05	2.44E-04	3.69E-05	4.74E-06	6.69E-07	8.03E-04	1.14E-04	9.47E-04	1.39E-04	1.51E-03	2.41E-04	2.04E-04	2.90E-05	3.75E-05	5.30E-06	1.09E-05	1.53E-06	2.57E-05	3.63E-06	6.79E-06	6.79E-06	1.70E-01	3.08E-02	4.91E-01	4.69E-02
2512	Gridded	1.71E-05	2.32E-06	3.48E-06	5.04E-07	2.10E-04	2.69E-05	2.16E-04	2.82E-05	2.26E-04	3.30E-05	4.98E-06	6.30E-07	8.39E-04	1.07E-04	9.29E-04	1.27E-04	1.70E-03	2.30E-04	2.12E-04	2.71E-05	3.95E-05	4.99E-06	1.14E-05	1.44E-06	2.70E-05	3.41E-06	6.04E-06	6.04E-06	1.38E-01	2.23E-02	3.81E-01	5.22E-02
2513	Gridded	2.04E-05	2.84E-06	4.33E-06	6.14E-07	2.42E-04	3.30E-05	2.52E-04	3.46E-05	2.83E-04	4.03E-05	5.70E-06	7.75E-07	9.63E-04	1.31E-04	1.11E-03	1.56E-04	1.46E-03	2.33E-04	2.44E-04	3.33E-05	4.51E-05	6.13E-06	1.31E-05	1.78E-06	3.09E-05	4.20E-06	7.02E-06	7.02E-06	1.53E-01	2.85E-02	3.69E-01	5.87E-02
2514	Gridded	2.03E-05	2.92E-06	3.94E-06	6.28E-07	2.59E-04	3.39E-05	2.62E-04	3.55E-05	2.53E-04	4.12E-05	6.16E-06	7.97E-07	1.03E-03	1.35E-04	1.09E-03	1.59E-04	1.86E-03	2.35E-04	2.59E-04	3.43E-05	4.88E-05	6.31E-06	1.41E-05	1.83E-06	3.34E-05	4.31E-06	7.13E-06	7.13E-06	1.55E-01	2.71E-02	5.06E-01	9.46E-02
2515	Gridded	2.35E-05	2.87E-06	5.13E-06	6.34E-07	2.71E-04	3.26E-05	2.84E-04	3.44E-05	3.37E-04	4.17E-05	6.34E-06	7.62E-07	1.08E-03	1.30E-04	1.29E-03	1.58E-04	2.04E-03	2.69E-04	2.74E-04	3.30E-05	5.02E-05	6.03E-06	1.45E-05	1.75E-06	3.44E-05	4.13E-06	7.63E-06	7.63E-06	1.91E-01	3.00E-02	5.43E-01	6.99E-02
2516	Gridded	2.75E-05	3.79E-06	5.66E-06	8.33E-07	3.35E-04	4.33E-05	3.45E-04	4.56E-05	3.68E-04	5.47E-05	7.92E-06	1.01E-06	1.33E-03	1.72E-04	1.49E-03	2.08E-04	3.65E-03	3.43E-04	3.37E-04	4.38E-05	6.27E-05	8.03E-06	1.81E-05	2.32E-06	4.29E-05	5.49E-06	9.88E-06	9.88E-06	2.19E-01	2.71E-02	4.91E-01	5.57E-02
2517	Gridded	4.01E-05	3.51E-06	8.22E-06	7.61E-07	4.88E-04	4.05E-05	5.02E-04	4.25E-05	5.34E-04	4.99E-05	1.15E-05	9.51E-07	1.94E-03	1.61E-04	2.17E-03	1.92E-04	2.94E-03	2.96E-04	4.91E-04	4.10E-05	9.14E-05	7.53E-06	2.64E-05	2.18E-06	6.25E-05	5.15E-06	8.79E-06	8.79E-06	2.40E-01	2.90E-02	5.45E-01	5.40E-02
2518	Gridded	2.65E-05	2.40E-06	5.94E-06	5.26E-07	3.12E-04	2.82E-05	3.14E-04	2.93E-05	3.92E-04	3.47E-05	7.46E-06	6.65E-07	1.25E-03	1.12E-04	1.46E-03	1.31E-04	2.69E-03	2.30E-04	3.12E-04	2.85E-05	5.91E-05	5.26E-06	1.71E-05	1.52E-06	4.04E-05	3.60E-06	6.43E-06	6.43E-06	2.57E-01	2.68E-02	5.66E-01	5.57E-02
2519	Gridded	2.56E-05	2.03E-06	5.02E-06	4.28E-07	3.24E-04	2.47E-05	3.30E-04	2.54E-05	3.23E-04	2.82E-05	7.71E-06	5.84E-07	1.29E-03	9.84E-05	1.38E-03	1.10E-04	1.07E-03	1.85E-04	3.25E-04	2.49E-05	6.11E-05	4.63E-06	1.77E-05	1.34E-06	4.18E-05	3.17E-06	5.08E-06	5.08E-06	2.43E-01	2.84E-02	5.75E-01	5.09E-02
2520	Gridded	1.52E-05	2.07E-06	3.20E-06	4.55E-07	1.82E-04	2.36E-05	1.88E-04	2.49E-05	2.09E-04	2.99E-05	4.28E-06	5.52E-07	7.23E-04	9.38E-05	8.30E-04	1.14E-04	1.13E-03	1.88E-04	1.83E-04	2.39E-05	3.39E-05	4.37E-06	9.81E-06	1.27E-06	2.32E-05	2.99E-06	5.41E-06	5.41E-06	1.60E-01	2.08E-02	2.83E-01	3.67E-02
2521	Gridded	1.15E-05	2.35E-06	2.64E-06	5.06E-07	1.26E-04	2.74E-05	1.34E-04	2.86E-05	1.75E-04	3.31E-05	2.92E-06	6.43E-07	4.99E-04	1.09E-04	6.36E-04	1.29E-04	1.31E-03	1.88E-04	1.28E-04	2.76E-05	2.31E-05	5.09E-06	6.69E-06	1.47E-06	1.58E-05	3.48E-06	5.73E-06	5.73E-06	1.08E-01	1.27E-02	2.27E-01	2.64E-02
2522	Gridded	1.62E-05	2.94E-06	3.66E-06	6.39E-07	1.80E-04	3.39E-05	1.91E-04	3.56E-05	2.41E-04	4.19E-05	4.19E-06	7.96E-07	7.14E-04	1.35E-04	8.92E-04	1.61E-04	1.71E-03	2.50E-04	1.82E-04	3.43E-05	3.31E-05	6.30E-06	9.59E-06	1.83E-06	2.27E-05	4.31E-06	7.40E-06	7.40E-06	1.24E-01	2.15E-02	3.65E-01	3.93E-02
2523	Gridded	2.00E-05	2.54E-06	4.33E-06	5.58E-07	2.30E-04	2.89E-05	2.42E-04	3.04E-05	2.84E-04	3.67E-05	5.40E-06	6.76E-07	9.16E-04	1.15E-04	1.09E-03	1.39E-04	1.69E-03	2.33E-04	2.33E-04	2.92E-05	4.28E-05	5.35E-06	1.24E-05	1.55E-06	2.93E-05	3.66E-06	6.66E-06	6.66E-06	1.37E-01	2.34E-02	3.72E-01	4.39E-02
2524	Gridded	2.00E-05	2.61E-06	4.12E-06	5.63E-07	2.42E-04	3.03E-05	2.50E-04	3.17E-05	2.68E-04	3.69E-05	5.73E-06	7.12E-07	9.65E-04	1.21E-04	1.09E-03	1.43E-04	1.16E-03	2.12E-04	2.44E-04	3.06E-05	4.53E-05	5.64E-06	1.31E-05	1.63E-06	3.10E-05	3.86E-06	6.40E-06	6.40E-06	1.88E-01	2.50E-02	3.85E-01	4.85E-02
2525	Gridded	1.45E-05	3.32E-06	2.88E-06	7.25E-07	1.82E-04	3.80E-05	1.85E-04	4.00E-05	1.86E-04	4.76E-05	4.32E-06	8.90E-07	7.25E-04	1.51E-04	7.84E-04	1.82E-04	9.94E-04	2.93E-04	1.82E-04	3.84E-05	3.42E-05	7.05E-06	9.89E-06	2.04E-06	2.34E-05	4.82E-06	8.53E-06	8.53E-06	1.72E-01	2.27E-02	3.99E-01	4.47E-02
2526	Gridded	1.23E-05	3.05E-06	2.67E-06	6.71E-07	1.43E-04	3.47E-05	1.50E-04	3.66E-05	1.75E-04	4.41E-05	3.35E-06	8.13E-07	5.68E-04	1.38E-04	6.75E-04	1.67E-04	1.03E-03	2.80E-04	1.44E-04	3.51E-05	2.65E-05	6.43E-06	7.68E-06	1.86E-06	1.81E-05	4.40E-06	8.00E-06	8.00E-06	1.07E-01	2.77E-02	2.09E-01	4.48E-02
2527	Gridded	1.25E-05	3.40E-06	2.72E-06	7.40E-07	1.45E-04	3.92E-05	1.52E-04	4.12E-05	1.79E-04	4.86E-05	3.39E-06	9.20E-07	5.75E-04	1.56E-04	6.86E-04	1.86E-04	1.06E-03	2.91E-04	1.46E-04	3.96E-05	2.69E-05	7.28E-06	7.78E-06	2.11E-06	1.84E-05	4.98E-06	8.60E-06	8.60E-06	1.00E-01	2.05E-02	3.06E-01	4.55E-02
2528	Gridded	1.55E-05	3.50E-06	3.29E-06	7.67E-07	1.82E-04	4.00E-05	1.90E-04	4.21E-05	2.15E-04	5.04E-05	4.28E-06	9.37E-07	7.25E-04	1.59E-04	8.44E-04	1.92E-04	1.16E-03	3.14E-04	1.84E-04	4.05E-05	3.39E-05	7.42E-06	9.82E-06	2.15E-06	2.32E-05	5.08E-06	9.07E-06	9.07E-06	1.02E-01	2.01E-02	1.90E-01	3.69E-02
2529	Gridded	1.66E-05	3.08E-06	3.63E-06	6.60E-07	1.91E-04	3.61E-05	2.00E-04	3.77E-05	2.38E-04	4.32E-05	4.47E-06	8.48E-07	7.58E-04	1.44E-04	9.10E-04	1.68E-04	1.78E-03	2.77E-04	1.93E-04	3.64E-05	3.54E-05	6.71E-06	1.02E-05	1.94E-06	2.42E-05	4.59E-06	7.74E-06	7.74E-06	1.09E-01	2.47E-02	2.28E-01	4.60E-02
2530	Gridded	2.60E-05	2.55E-06	5.39E-06	5.51E-07	3.13E-04	2.96E-05	3.24E-04	3.10E-05	3.51E-04	3.61E-05	7.41E-06	6.96E-07	1.25E-03	1.18E-04	1.41E-03	1.40E-04	1.77E-03	2.14E-04	3.16E-04	3.00E-05	5.86E-05	5.51E-06	1.70E-05	1.60E-06	4.01E-05	3.77E-06	6.29E-06	6.29E-06	1.14E-01	2.51E-02	2.45E-01	3.93E-02
2531	Gridded	2.82E-05	3.57E-06	5.77E-06	7.71E-07	3.43E-04	4.15E-05	3.53E-04	4.34E-05	3.75E-04	5.05E-05	8.11E-06	9.75E-07	1.37E-03	1.65E-04	1.53E-03	1.95E-04	2.13E-03	2.90E-04	3.45E-04	4.19E-05	6.42E-05	7.71E-06	1.86E-05	2.23E-06	4.39E-05	5.28E-06	8.77E-06	8.77E-06	1.11E-01	2.81E-02	2.39E-01	5.50E-02
2532	Gridded	2.79E-05	2.49E-06	6.07E-06	5.38E-07	3.21E-04	2.88E-05	3.37E-04	3.02E-05	3.99E-04	3.53E-05	7.52E-06	6.77E-07	1.28E-03	1.15E-04	1.53E-03	1.36E-04	2.41E-03	2.31E-04	3.24E-04	2.91E-05	5.95E-05	5.36E-06	1.72E-05	1.55E-06	4.07E-05	3.67E-06	6.49E-06	6.49E-06	2.23E-01	3.07E-02	3.02E-01	5.00E-02
2533	Gridded	2.57E-05	2.72E-06	5.52E-06	6.02E-07	3.01E-04	3.09E-05	3.14E-04	3.26E-05	3.61E-04	3.96E-05	7.07E-06	7.21E-07	1.20E-03	1.23E-04	1.41E-03	1.49E-04	2.01E-03	2.57E-04	3.04E-04	3.12E-05	5.60E-05	5.71E-06	1.62E-05	1.65E-06	3.83E-05	3.91E-06	7.26E-06	7.26E-06	3.52E-01	2.81E-02	9.02E-01	5.96E-02
2534	Gridded	2.32E-05	2.83E-06	4.97E-06	6.19E-07	2.71E-04	3.25E-05	2.83E-04	3.42E-05	3.25E-04	4.07E-05	6.37E-06	7.61E-07	1.08E-03	1.29E-04	1.27E-03	1.55E-04	2.10E-03	2.53E-04	2.74E-04	3.28E-05	5.04E-05	6.02E-06	1.46E-05	1.74E-06	3.45E-05	4.12E-06	7.28E-06	7.28E-06	4.19E-01	2.78E-02	1.26E+00	6.35E-02
2535	Gridded	2.67E-05	2.78E-06	5.71E-06	6.05E-07	3.13E-04	3.21E-05	3.27E-04	3.37E-05	3.74E-04	3.97E-05	7.36E-06	7.52E-07	1.25E-03	1.28E-04	1.46E-03	1.52E-04	2.04E-03	2.38E-04	3.16E-04	3.24E-05	5.83E-05	5.95E-06	1.69E-05	1.72E-06	3.99E-05	4.07E-06	7.03E-06	7.03E-06	3.27E-01	2.67E-02	7.90E-01	7.16E-02
2536	Gridded	1.81E-05	2.72E-06	3.80E-06	5.93E-07	2.24E-04	3.12E-05	2.29E-04	3.28E-05	2.48E-04	3.90E-05	5.32E-06	7.30E-07	8.93E-04	1.24E-04	9.77E-04	1.49E-04	2.21E-03	2.47E-04	2.25E-04	3.15E-05	4.21E-05	5.78E-06	1.22E-05	1.67E-06	2.88E-05	3.96E-06	7.00E-06	7.00E-06	1.56E-01	2.61E-02	3.59E-01	4.71E-02
2537	Gridded	1.94E-05	3.05E-06	4.33E-06	6.76E-07	2.33E-04	3.45E-05	2.41E-04	3.65E-05	2.85E-04	4.45E-05	5.50E-06	8.07E-07	9.28E-04	1.37E-04	1.07E-03	1.68E-04	2.36E-03	2.91E-04	2.35E-04	3.50E-05	4.36E-05	6.39E-06	1.26E-05	1.85E-06	2.98E-05	4.37E-06	8.19E-06	8.19E-06	1.68E-01	2.33E-02	3.99E-01	4.51E-02
2538	Gridded	2.63E-05	3.31E-06	5.53E-06	7.28E-07	3.13E-04	3.78E-05	3.25E-04	3.98E-05	3.61E-04	4.79E-05	7.38E-06	8.85E-07	1.25E-03	1.50E-04	1.43E-03	1.82E-04	2.00E-03	3.02E-04	3.16E-04	3.82E-05	5.84E-05	7.00E-06	1.69E-05	2.03E-06	4.00E-05	4.79E-06	8.66E-06	8.66E-06	1.79E-01	2.53E-02	4.40E-01	6.27E-02
2539	Gridded	2.46E-05	3.95E-06	5.18E-06	8.63E-07	2.93E-04	4.53E-05	3.04E-04	4.77E-05	3.38E-04	5.67E-05	6.90E-06	1.06E-06	1.17E-03	1.80E-04	1.34E-03	2.17E-04	1.77E-03	3.58E-04	2.95E-04	4.58E-05	5.47E-05	8.41E-06	1.58E-05	2.43E-06	3.74E-05	5.76E-06	1.01E-05	1.01E-05	1.84E-01	2.29E-02	3.53E-01	5.36E-02
2540	Gridded	2.61E-05	3.53E-06	5.82E-06	7.82E-07	3.01E-04	4.00E-05	3.15E-04	4.22E-05	3.84E-04	5.14E-05	7.06E-06	9.34E-07	1.20E-03	1.59E-04	1.43E-03	1.94E-04	2.61E-03	3.35E-04	3.04E-04	4.04E-05	5.59E-05	7.40E-06	1.62E-05	2.14E-06	3.83E-05	5.06E-06	9.46E-06	9.46E-06	1.73E-01	2.19E-02	3.33E-01	4.20E-02
2541	Gridded	2.26E-05	3.11E-06	5.03E-06	6.96E-07	2.63E-04	3.47E-05	2.75E-04	3.68E-05	3.33E-04	4.59E-05	6.18E-06	8.10E-07	1.05E-03	1.38E-04	1.24E-03	1.71E-04	2.56E-03	3.15E-04	2.66E-04	3.52E-05	4.89E-05	6.41E-06	1.42E-05	1.86E-06	3.35E-05	4.39E-06	8.65E-06	8.65E-06	1.49E-01	2.14E-02	3.49E-01	3.96E-02
2542	Gridded	2.01E-05	3.96E-06	4.40E-06	8.79E-07	2.30E-04	4.46E-05	2.42E-04	4.72E-05	2.89E-04	5.79E-05	5.38E-06	1.04E-06	9.14E-04	1.77E-04	1.10E-03	2.17E-04	1.90E-03	3.83E-04	2.32E-04	4.52E-05	4.26E-05	8.25E-06	1.23E-05	2.39E-06	2.91E-05	5.64E-06	1.07E-05	1.07E-05	1.51E-01	1.79E-02	2.85E-01	3.04E-02
2543	Gridded	1.65E-05	3.66E-06	3.69E-06	8.05E-07	1.99E-04	4.16E-05	2.06E-04	4.39E-05	2.46E-04	5.29E-05	4.70E-06	9.74E-07	7.93E-04	1.65E-04	8.97E-04	2.01E-04	2.12E-03	3.37E-04	2.00E-04	4.21E-05	3.72E-05	7.71E-06	1.08E-05	2.23E-06	2.55E-05	5.28E-06	9.62E-06	9.62E-06	2.03E-01	1.92E-02	3.54E-01	3.33E-02
2544	Gridded	2.56E-05	3.22E-06	5.66E-06	6.95E-07	2.91E-04	3.73E-05	3.07E-04	3.91E-05	3.73E-04	4.56E-05	6.80E-06	8.76E-07	1.16E-03	1.48E-04	1.41E-03	1.76E-04	2.40E-03	2.65E-04	2.94E-04	3.77E-05	5.38E-05	6.93E-06	1.56E-05	2.01E-06	3.68E-05	4.74E-06	7.95E-06	7.95E-06	1.95E-01	1.96E-02	3.10E-01	3.43E-02
2545	Gridded	3.03E-05	3.09E-06	6.34E-06	6.70E-07	3.63E-04	3.57E-05	3.76E-04	3.75E-05	4.13E-04	4.40E-05	8.57E-06	8.38E-07	1.45E-03	1.42E-04	1.65E-03	1.69E-04	2.25E-03	2.78E-04	3.66E-04	3.61E-05	6.79E-05	6.64E-06	1.96E-05	1.92E-06	4.64E-05	4.54E-06	7.72E-06	7.72E-06	1.46E-01	2.26E-02	2.70E-01	3.82E-02
2546	Gridded	2.56E-05	2.92E-06	5.14E-06	6.41E-07	3.17E-04	3.39E-05	3.25E-04	3.53E-05	3.33E-04	4.21E-05	7.53E-06	7.96E-07	1.27E-03	1.35E-04	1.39E-03	1.60E-04	2.08E-03	2.67E-04	3.19E-04	3.42E-05	5.96E-05	6.30E-06	1.73E-05	1.83E-06	4.08E-05	4.31E-06	7.61E-06	7.61E-06	1.60E-01	2.44E-02	2.82E-01	4.22E-02
2547	Gridded	1.97E-05	3.47E-06	4.13E-06	7.65E-07	2.42E-04	3.93E-05	2.48E-04	4.15E-05	2.72E-04	5.04E-05	5.74E-06	9.20E-07	9.65E-04	1.56E-04	1.06E-03	1.90E-04	1.86E-03	3.25E-04	2.43E-04	3.98E-05	4.54E-05	7.28E-06	1.31E-05	2.11E-06	3.11E-05	4.98E-06	9.21E-06	9.21E-06	1.77E-01	2.41E-02	3.00E-01	4.25E-02
2548	Gridded	2.08E-05	3.77E-06	4.56E-06	8.17E-07	2.38E-04	4.36E-05	2.50E-04	4.57E-05	2.99E-04	5.36E-05	5.57E-06	1.02E-06	9.46E-04	1.74E-04	1.14E-03	2.06E-04	1.86E-03	3.15E-04	2.41E-04	4.41E-05	4.41E-05	8.10E-06	1.28E-05	2.35E-06	3.02E-05	5.55E-06	9.41E-06	9.41E-06	1.53E-01	2.14E-02	2.58E-01	3.85E-02

Scenario 1 Results

2549	Gridded	2.25E-05	3.45E-06	4.89E-06	7.34E-07	2.60E-04	4.06E-05	2.73E-04	4.23E-05	3.21E-04	4.80E-05	6.10E-06	9.57E-07	1.03E-03	1.62E-04	1.23E-03	1.88E-04	1.91E-03	2.55E-04	2.63E-04	4.10E-05	4.83E-05	7.57E-06	1.40E-05	2.19E-06	3.30E-05	5.18E-06	8.07E-06	8.07E-06	1.45E-01	2.05E-02	2.58E-01	3.99E-02
2550	Gridded	2.26E-05	2.38E-06	4.86E-06	4.99E-07	2.63E-04	2.84E-05	2.75E-04	2.95E-05	3.19E-04	3.25E-05	6.18E-06	6.71E-07	1.05E-03	1.13E-04	1.24E-03	1.30E-04	1.81E-03	2.08E-04	2.66E-04	2.87E-05	4.89E-05	5.31E-06	1.42E-05	1.54E-06	3.35E-05	3.63E-06	5.89E-06	5.89E-06	1.57E-01	2.06E-02	2.65E-01	3.74E-02
2551	Gridded	2.73E-05	5.43E-06	5.99E-06	1.18E-06	3.14E-04	6.25E-05	3.29E-04	6.56E-05	3.94E-04	7.76E-05	7.37E-06	1.47E-06	1.25E-03	2.49E-04	1.50E-03	2.97E-04	3.34E-03	6.04E-04	3.18E-04	6.32E-05	5.84E-05	1.16E-05	1.69E-05	3.36E-06	3.99E-05	7.94E-06	1.52E-05	1.52E-05	1.66E-01	4.96E-02	3.76E-01	1.02E-01
2552	Gridded	3.14E-05	6.15E-06	6.87E-06	1.36E-06	4.02E-04	6.94E-05	4.07E-04	7.34E-05	4.51E-04	8.97E-05	9.58E-06	1.62E-06	1.60E-03	2.76E-04	1.72E-03	3.38E-04	2.78E-03	5.91E-04	4.03E-04	7.03E-05	7.59E-05	1.28E-05	2.20E-05	3.72E-06	5.19E-05	8.79E-06	1.66E-05	1.66E-05	1.90E-01	5.30E-02	4.22E-01	1.01E-01
2553	Gridded	3.38E-05	5.81E-06	6.23E-06	1.24E-06	4.48E-04	6.81E-05	4.49E-04	7.11E-05	3.97E-04	8.13E-05	1.07E-05	1.60E-06	1.79E-03	2.71E-04	1.81E-03	3.17E-04	2.29E-03	4.45E-04	4.48E-04	6.87E-05	8.50E-05	1.27E-05	2.46E-05	3.67E-06	5.82E-05	8.67E-06	1.38E-05	1.38E-05	1.92E-01	4.94E-02	4.35E-01	8.99E-02
2554	Gridded	3.47E-05	5.26E-06	6.53E-06	1.15E-06	4.63E-04	6.02E-05	4.63E-04	6.33E-05	4.25E-04	7.58E-05	1.11E-05	1.41E-06	1.85E-03	2.39E-04	1.85E-03	2.89E-04	3.91E-03	4.72E-04	4.63E-04	6.09E-05	8.79E-05	1.12E-05	2.54E-05	3.23E-06	6.01E-05	7.63E-06	1.36E-05	1.36E-05	2.02E-01	4.41E-02	4.45E-01	8.47E-02
2555	Gridded	2.89E-05	5.52E-06	5.46E-06	1.21E-06	3.85E-04	6.30E-05	3.85E-04	6.64E-05	3.58E-04	7.97E-05	9.24E-06	1.48E-06	1.54E-03	2.51E-04	1.54E-03	3.03E-04	4.65E-03	5.02E-04	3.85E-04	6.38E-05	7.31E-05	1.17E-05	2.12E-05	3.38E-06	5.00E-05	7.99E-06	1.44E-05	1.44E-05	2.55E-01	3.08E-02	5.09E-01	5.35E-02
2556	Gridded	2.50E-05	4.41E-06	4.84E-06	9.71E-07	3.19E-04	5.01E-05	3.23E-04	5.28E-05	3.11E-04	6.38E-05	7.60E-06	1.17E-06	1.27E-03	1.99E-04	1.34E-03	2.42E-04	2.78E-03	4.08E-04	3.20E-04	5.07E-05	6.02E-05	9.28E-06	1.74E-05	2.69E-06	4.12E-05	6.35E-06	1.16E-05	1.16E-05	1.72E-01	2.39E-02	4.46E-01	5.41E-02
2557	Gridded	3.39E-05	3.12E-06	6.87E-06	6.68E-07	4.16E-04	3.66E-05	4.28E-04	3.81E-05	4.45E-04	4.38E-05	9.87E-06	8.60E-07	1.66E-03	1.46E-04	1.84E-03	1.70E-04	1.90E-03	3.06E-04	4.19E-04	3.69E-05	7.81E-05	6.81E-06	2.26E-05	1.97E-06	5.35E-05	4.66E-06	7.93E-06	7.93E-06	1.94E-01	2.91E-02	4.73E-01	5.85E-02
2558	Gridded	2.30E-05	3.68E-06	5.15E-06	8.32E-07	2.57E-04	4.07E-05	2.73E-04	4.33E-05	3.40E-04	5.49E-05	5.99E-06	9.47E-07	1.02E-03	1.62E-04	1.26E-03	2.03E-04	2.34E-03	3.92E-04	2.60E-04	4.13E-05	4.74E-05	7.50E-06	1.37E-05	2.17E-06	3.24E-05	5.13E-06	1.06E-05	1.06E-05	1.74E-01	3.50E-02	4.19E-01	7.05E-02
2559	Gridded	1.81E-05	4.43E-06	3.81E-06	9.51E-07	2.14E-04	5.17E-05	2.23E-04	5.41E-05	2.49E-04	6.23E-05	5.05E-06	1.22E-06	8.53E-04	2.06E-04	9.85E-04	2.42E-04	1.90E-03	3.48E-04	2.16E-04	5.22E-05	4.00E-05	9.62E-06	1.16E-05	2.79E-06	2.73E-05	6.58E-06	1.07E-05	1.07E-05	1.70E-01	3.63E-02	4.29E-01	1.00E-01
2560	Gridded	1.46E-05	3.04E-06	2.97E-06	6.68E-07	1.79E-04	3.65E-05	1.84E-04	3.77E-05	1.93E-04	4.39E-05	4.24E-06	8.63E-07	7.14E-04	1.46E-04	7.92E-04	1.67E-04	1.06E-03	2.77E-04	1.80E-04	3.68E-05	3.36E-05	6.83E-06	9.72E-06	1.98E-06	2.30E-05	4.68E-06	7.95E-06	7.95E-06	1.46E-01	3.64E-02	4.44E-01	7.25E-02
2561	Gridded	1.42E-05	2.53E-06	3.08E-06	5.60E-07	1.64E-04	2.85E-05	1.72E-04	3.02E-05	2.02E-04	3.69E-05	3.84E-06	6.67E-07	6.51E-04	1.13E-04	7.77E-04	1.39E-04	1.29E-03	2.43E-04	1.66E-04	2.89E-05	3.04E-05	5.28E-06	8.80E-06	1.53E-06	2.08E-05	3.61E-06	6.81E-06	6.81E-06	1.46E-01	3.11E-02	3.98E-01	4.15E-02
2562	Gridded	1.71E-05	1.98E-06	3.52E-06	4.53E-07	2.06E-04	2.24E-05	2.13E-04	2.35E-05	2.29E-04	3.00E-05	4.88E-06	5.25E-07	8.22E-04	8.91E-05	9.26E-04	1.09E-04	1.40E-03	2.24E-04	2.08E-04	2.26E-05	3.86E-05	4.16E-06	1.12E-05	1.20E-06	2.64E-05	2.85E-06	5.89E-06	5.89E-06	1.45E-01	2.23E-02	4.14E-01	4.52E-02
2563	Gridded	1.61E-05	2.45E-06	3.55E-06	5.31E-07	1.84E-04	2.84E-05	1.94E-04	2.98E-05	2.33E-04	3.48E-05	4.30E-06	6.67E-07	7.30E-04	1.13E-04	8.85E-04	1.34E-04	1.48E-03	2.04E-04	1.86E-04	2.87E-05	3.40E-05	5.28E-06	9.85E-06	1.53E-06	2.33E-05	3.61E-06	6.10E-06	6.10E-06	1.29E-01	2.21E-02	2.90E-01	4.43E-02
2564	Gridded	1.91E-05	2.77E-06	3.81E-06	5.96E-07	2.37E-04	3.21E-05	2.43E-04	3.36E-05	2.46E-04	3.91E-05	5.64E-06	7.55E-07	9.47E-04	1.28E-04	1.03E-03	1.51E-04	1.33E-03	2.24E-04	2.39E-04	3.25E-05	4.46E-05	5.97E-06	1.29E-05	1.73E-06	3.05E-05	4.09E-06	6.78E-06	6.78E-06	1.42E-01	2.57E-02	3.96E-01	7.41E-02
2565	Gridded	1.47E-05	2.26E-06	3.22E-06	4.87E-07	1.67E-04	2.62E-05	1.76E-04	2.75E-05	2.11E-04	3.19E-05	3.92E-06	6.16E-07	6.65E-04	1.04E-04	8.04E-04	1.23E-04	1.35E-03	1.83E-04	1.69E-04	2.65E-05	3.10E-05	4.88E-06	8.98E-06	1.41E-06	2.12E-05	3.34E-06	5.53E-06	5.53E-06	1.20E-01	2.33E-02	4.13E-01	6.24E-02
2566	Gridded	2.04E-05	3.03E-06	4.29E-06	6.67E-07	2.43E-04	3.44E-05	2.53E-04	3.63E-05	2.80E-04	4.39E-05	5.74E-06	8.06E-07	9.70E-04	1.37E-04	1.11E-03	1.66E-04	1.94E-03	2.80E-04	2.45E-04	3.49E-05	4.54E-05	6.38E-06	1.32E-05	1.85E-06	3.11E-05	4.37E-06	7.98E-06	7.98E-06	1.84E-01	2.51E-02	4.64E-01	4.98E-02
2567	Gridded	2.28E-05	2.91E-06	5.15E-06	6.36E-07	2.52E-04	3.33E-05	2.68E-04	3.50E-05	3.40E-04	4.17E-05	5.86E-06	7.81E-07	9.99E-04	1.32E-04	1.25E-03	1.59E-04	2.44E-03	2.57E-04	2.55E-04	3.37E-05	4.64E-05	6.18E-06	1.34E-05	1.79E-06	3.17E-05	4.23E-06	7.47E-06	7.47E-06	1.82E-01	2.34E-02	4.25E-01	4.94E-02
2568	Gridded	3.33E-05	2.93E-06	6.48E-06	6.36E-07	4.23E-04	3.38E-05	4.30E-04	3.55E-05	4.17E-04	4.18E-05	1.01E-05	7.94E-07	1.69E-03	1.35E-04	1.79E-03	1.61E-04	2.24E-03	2.48E-04	4.24E-04	3.42E-05	7.98E-05	6.28E-06	2.31E-05	1.82E-06	5.46E-05	4.30E-06	7.36E-06	7.36E-06	1.92E-01	2.49E-02	4.19E-01	4.36E-02
2569	Gridded	3.07E-05	2.42E-06	6.51E-06	4.99E-07	3.75E-04	2.92E-05	3.79E-04	3.02E-05	4.25E-04	3.25E-05	8.96E-06	6.91E-07	1.50E-03	1.16E-04	1.67E-03	1.31E-04	2.24E-03	2.06E-04	3.76E-04	2.94E-05	7.09E-05	5.47E-06	2.05E-05	1.58E-06	4.85E-05	3.74E-06	5.69E-06	5.69E-06	2.39E-01	2.74E-02	5.44E-01	5.45E-02
2570	Gridded	2.07E-05	1.88E-06	3.96E-06	4.14E-07	2.67E-04	2.17E-05	2.70E-04	2.26E-05	2.54E-04	2.72E-05	6.37E-06	5.11E-07	1.07E-03	8.64E-05	1.11E-03	1.03E-04	1.24E-03	1.73E-04	2.67E-04	2.19E-05	5.04E-05	4.05E-06	1.46E-05	1.17E-06	3.45E-05	2.77E-06	4.95E-06	4.95E-06	2.20E-01	2.63E-02	5.20E-01	4.76E-02
2571	Gridded	1.49E-05	2.09E-06	3.11E-06	4.59E-07	1.78E-04	2.38E-05	1.85E-04	2.51E-05	2.02E-04	3.01E-05	4.21E-06	5.57E-07	7.10E-04	9.46E-05	8.09E-04	1.14E-04	1.18E-03	1.90E-04	1.80E-04	2.41E-05	3.33E-05	4.41E-06	9.64E-06	1.28E-06	2.28E-05	3.02E-06	5.46E-06	5.46E-06	1.31E-01	1.79E-02	2.74E-01	3.13E-02
2572	Gridded	1.20E-05	2.48E-06	2.73E-06	5.34E-07	1.34E-04	2.88E-05	1.42E-04	3.01E-05	1.81E-04	3.50E-05	3.12E-06	6.75E-07	5.31E-04	1.14E-04	6.59E-04	1.35E-04	1.37E-03	2.02E-04	1.35E-04	2.91E-05	2.47E-05	5.35E-06	7.14E-06	1.55E-06	1.69E-05	3.66E-06	6.09E-06	6.09E-06	1.19E-01	1.49E-02	2.68E-01	3.03E-02
2573	Gridded	1.64E-05	2.86E-06	3.69E-06	6.22E-07	1.82E-04	3.29E-05	1.94E-04	3.45E-05	2.44E-04	4.08E-05	4.24E-06	7.71E-07	7.23E-04	1.31E-04	9.03E-04	1.57E-04	1.71E-03	2.46E-04	1.85E-04	3.33E-05	3.36E-05	6.11E-06	9.73E-06	1.77E-06	2.30E-05	4.18E-06	7.24E-06	7.24E-06	1.29E-01	2.33E-02	3.70E-01	4.29E-02
2574	Gridded	1.97E-05	2.32E-06	4.25E-06	5.12E-07	2.28E-04	2.64E-05	2.39E-04	2.79E-05	2.79E-04	3.36E-05	5.35E-06	6.18E-07	9.06E-04	1.05E-04	1.08E-03	1.27E-04	1.63E-03	2.15E-04	2.30E-04	2.67E-05	4.23E-05	4.89E-06	1.22E-05	1.42E-06	2.90E-05	3.35E-06	6.12E-06	6.12E-06	1.32E-01	2.21E-02	3.78E-01	4.59E-02
2575	Gridded	1.91E-05	2.62E-06	3.93E-06	5.67E-07	2.32E-04	3.04E-05	2.39E-04	3.19E-05	2.56E-04	3.71E-05	5.49E-06	7.14E-07	9.25E-04	1.21E-04	1.04E-03	1.43E-04	1.09E-03	2.15E-04	2.34E-04	3.07E-05	4.35E-05	5.65E-06	1.26E-05	1.64E-06	2.97E-05	3.87E-06	6.47E-06	6.47E-06	1.89E-01	2.57E-02	3.92E-01	5.06E-02
2576	Gridded	1.37E-05	3.16E-06	2.71E-06	6.92E-07	1.71E-04	3.62E-05	1.75E-04	3.81E-05	1.75E-04	4.54E-05	4.06E-06	8.48E-07	6.82E-04	1.44E-04	7.38E-04	1.73E-04	9.48E-04	2.81E-04	1.72E-04	3.66E-05	3.22E-05	6.71E-06	9.31E-06	1.94E-06	2.20E-05	4.59E-06	8.16E-06	8.16E-06	1.60E-01	2.18E-02	3.73E-01	4.12E-02
2577	Gridded	1.19E-05	2.87E-06	2.58E-06	6.31E-07	1.37E-04	3.27E-05	1.44E-04	3.44E-05	1.69E-04	4.15E-05	3.22E-06	7.65E-07	5.46E-04	1.30E-04	6.50E-04	1.57E-04	9.96E-04	2.63E-04	1.39E-04	3.31E-05	2.55E-05	6.05E-06	7.38E-06	1.75E-06	1.75E-05	4.14E-06	7.54E-06	7.54E-06	9.90E-02	2.64E-02	1.97E-01	4.29E-02
2578	Gridded	1.24E-05	3.27E-06	2.69E-06	7.12E-07	1.43E-04	3.77E-05	1.50E-04	3.96E-05	1.77E-04	4.68E-05	3.34E-06	8.84E-07	5.67E-04	1.50E-04	6.78E-04	1.79E-04	1.06E-03	2.81E-04	1.44E-04	3.81E-05	2.65E-05	7.00E-06	7.66E-06	2.03E-06	1.81E-05	4.79E-06	8.28E-06	8.28E-06	1.01E-01	1.92E-02	3.04E-01	4.65E-02
2579	Gridded	1.42E-05	3.36E-06	2.97E-06	7.37E-07	1.70E-04	3.85E-05	1.77E-04	4.05E-05	1.94E-04	4.84E-05	4.02E-06	9.02E-07	6.79E-04	1.53E-04	7.75E-04	1.84E-04	1.13E-03	3.00E-04	1.72E-04	3.90E-05	3.18E-05	7.14E-06	9.22E-06	2.07E-06	2.18E-05	4.89E-06	8.69E-06	8.69E-06	9.79E-02	1.81E-02	1.87E-01	3.27E-02
2580	Gridded	1.58E-05	2.96E-06	3.46E-06	6.35E-07	1.81E-04	3.45E-05	1.91E-04	3.61E-05	2.27E-04	4.15E-05	4.24E-06	8.11E-07	7.20E-04	1.37E-04	8.67E-04	1.62E-04	1.61E-03	2.72E-04	1.83E-04	3.49E-05	3.36E-05	6.42E-06	9.72E-06	1.86E-06	2.30E-05	4.39E-06	7.65E-06	7.65E-06	1.04E-01	2.29E-02	2.21E-01	4.39E-02
2581	Gridded	2.21E-05	2.14E-06	4.69E-06	4.75E-07	2.61E-04	2.50E-05	2.72E-04	2.61E-05	3.06E-04	3.14E-05	6.15E-06	5.87E-07	1.04E-03	9.95E-05	1.21E-03	1.17E-04	1.74E-03	2.18E-04	2.63E-04	2.52E-05	4.87E-05	4.65E-06	1.41E-05	1.35E-06	3.33E-05	3.18E-06	5.95E-06	5.95E-06	1.09E-01	2.39E-02	2.35E-01	3.67E-02
2582	Gridded	3.12E-05	3.60E-06	6.41E-06	7.81E-07	3.80E-04	4.17E-05	3.91E-04	4.37E-05	4.16E-04	5.12E-05	8.99E-06	9.78E-07	1.51E-03	1.66E-04	1.70E-03	1.97E-04	2.07E-03	3.01E-04	3.82E-04	4.21E-05	7.12E-05	7.74E-06	2.06E-05	2.24E-06	4.87E-05	5.30E-06	8.99E-06	8.99E-06	1.00E-01	2.55E-02	2.48E-01	4.88E-02
2583	Gridded	2.58E-05	2.75E-06	5.68E-06	5.95E-07	3.04E-04	3.18E-05	3.15E-04	3.34E-05	3.73E-04	3.90E-05	7.16E-06	7.47E-07	1.21E-03	1.27E-04	1.42E-03	1.50E-04	2.36E-03	2.28E-04	3.06E-04	3.22E-05	5.67E-05	5.91E-06	1.64E-05	1.71E-06	3.88E-05	4.05E-06	6.82E-06	6.82E-06	1.77E-01	3.12E-02	3.18E-01	5.62E-02
2584	Gridded	2.73E-05	2.60E-06	5.92E-06	5.76E-07	3.16E-04	2.94E-05	3.31E-04	3.11E-05	3.88E-04	3.79E-05	7.41E-06	6.87E-07	1.26E-03	1.17E-04	1.49E-03	1.43E-04	2.28E-03	2.48E-04	3.19E-04	2.98E-05	5.87E-05	5.44E-06	1.70E-05	1.58E-06	4.01E-05	3.72E-06	6.98E-06	6.98E-06	3.16E-01	2.81E-02	6.59E-01	5.23E-02
2585	Gridded	2.13E-05	2.80E-06	4.68E-06	6.15E-07	2.42E-04	3.20E-05	2.55E-04	3.37E-05	3.08E-04	4.04E-05	5.67E-06	7.49E-07	9.61E-04	1.27E-04	1.17E-03	1.54E-04	1.96E-03	2.53E-04	2.45E-04	3.23E-05	4.49E-05	5.93E-06	1.30E-05	1.72E-06	3.07E-05	4.05E-06	7.29E-06	7.29E-06	4.15E-01	2.97E-02	1.23E+00	6.37E-02
2586	Gridded	2.58E-05	2.81E-06	5.67E-06	6.08E-07	2.94E-04	3.24E-05	3.10E-04	3.40E-05	3.73E-04	3.99E-05	6.88E-06	7.61E-07	1.17E-03	1.29E-04	1.41E-03	1.54E-04	2.35E-03	2.37E-04	2.97E-04	3.28E-05	5.44E-05	6.03E-06	1.58E-05	1.75E-06	3.72E-05	4.12E-06	6.99E-06	6.99E-06	3.82E-01	2.67E-02	1.02E+00	6.86E-02
2587	Gridded	2.50E-05	2.51E-06	5.15E-06	5.42E-07	3.03E-04	2.91E-05	3.13E-04	3.05E-05	3.34E-04	3.55E-05	7.17E-06	6.82E-07	1.21E-03	1.16E-04	1.36E-03	1.37E-04	2.03E-03	2.24E-04	3.05E-04	2.94E-05	5.68E-05	5.40E-06	1.64E-05	1.56E-06	3.89E-05	3.70E-06	6.38E-06	6.38E-06	2.23E-01	2.67E-02	4.74E-01	5.95E-02
2588	Gridded	1.92E-05	3.08E-06	4.09E-06	6.81E-07	2.34E-04	3.48E-05	2.40E-04	3.67E-05	2.68E-04	4.48E-05	5.54E-06	8.13E-07	9.32E-04	1.38E-04	1.05E-03	1.69E-04	2.46E-03	2.93E-04	2.35E-04	3.52E-05	4.39E-05	6.44E-06	1.27E-05	1.86E-06	3.00E-05	4.40E-06	8.26E-06	8.26E-06	1.52E-01	2.50E-02	4.13E-01	3.95E-02
2589	Gridded	2.49E-05	3.28E-06	5.43E-06	7.23E-07	2.87E-04	3.72E-05	3.01E-04	3.93E-05	3.56E-04	4.75E-05	6.73E-06	8.71E-07	1.14E-03	1.48E-04	1.37E-03	1.80E-04	2.15E-03	3.05E-04	2.90E-04	3.77E-05	5.32E-05	6.90E-06	1.54E-05	2.00E-06	3.64E-05	4.72E-06	8.67E-06	8.67E-06	1.77E-01	2.50E-02	4.48E-01	5.28E-02
2590	Gridded	2.46E-05	3.69E-06	5.07E-06	8.08E-07	2.98E-04	4.22E-05	3.07E-04	4.44E-05	3.30E-04	5.31E-05	7.04E-06	9.89E-07	1.19E-03	1.68E-04	1.34E-03	2.02E-04	1.77E-03	3.29E-04	3.00E-04	4.27E-05	5.58E-05	7.83E-06	1.61E-05	2.27E-06	3.82E-05	5.36E-06	9.53E-06	9.53E-06	1.72E-01	2.44E-02	3.89E-01	5.64E-02
2591	Gridded	2.56E-05	3.67E-06	5.48E-06	8.13E-07	3.00E-04	4.18E-05	3.13E-04	4.39E-05	3.58E-04	5.35E-05	7.05E-06	9.80E-07	1.19E-03	1.66E-04	1.40E-03	2.01E-04	1.97E-03	3.52E-04	3.03E-04	4.23E-05	5.58E-05	7.76E-06	1.62E-05	2.25E-06	3.82E-05	5.31E-06	9.89E-06	9.89E-06	1.79E-01	2.01E-02	3.27E-01	4.18E-02
2592	Gridded	2.59E-05	3.04E-06	5.69E-06	6.75E-07	2.97E-04	3.44E-05	3.12E-04	3.64E-05	3.76E-04	4.44E-05	6.96E-06	8.05E-07	1.18E-03	1.37E-04	1.42E-03	1.67E-04	2.69E-03	2.91E-04	3.00E-04	3.48E-05	5.51E-05	6.37E-06	1.59E-05	1.84E-06	3.77E-05	4.36E-06	8.19E-06	8.19E-06	1.50E-01	2.14E-02	3.60E-01	3.96E-02
2593	Gridded	2.07E-05	3.45E-06	4.64E-06	7.71E-07	2.43E-04	3.86E-05	2.53E-04	4.09E-05	3.08E-04	5.08E-05	5.71E-06	9.01E-07	9.66E-04	1.53E-04	1.13E-03	1.90E-04	2.46E-03	3.47E-04	2.45E-04	3.91E-05	4.52E-05	7.13E-06	1.31E-05	2.07E-06	3.09E-05	4.88E-06	9.55E-06	9.55E-06	1.40E-01	1.90E-02	3.40E-01	3.48E-02
2594	Gridded	1.82E-05	3.82E-06	3.99E-06	8.48E-07	2.08E-04	4.32E-05	2.19E-04	4.56E-05	2.62E-04	5.58E-05	4.89E-06	1.01E-06	8.27E-04	1.72E-04	9.98E-04	2.10E-04	1.69E-03	3.68E-04	2.10E-04	4.37E-05	3.87E-05	7.99E-06	1.12E-05	2.31E-06	2.65E-05	5.47E-06	1.03E-05	1.03E-05	1.55E-01	1.65E-02	2.68E-01	2.77E-02
2595	Gridded	1.69E-05	3.28E-06	4.00E-06	7.23E-07	2.16E-04	3.74E-05	2.16E-04	3.94E-05	2.66E-04	4.75E-05	5.19E-06	8.75E-07	8.65E-04	1.49E-04	9.40E-04	1.80E-04	2.21E-03	3.02E-04	2.16E-04	3.78E-05	4.11E-05	6.93E-06	1.19E-05	2.00E-06	2.81E-05	4.74E-06	8.64E-06	8.64E-06	2.08E-01	1.90E-02	3.61E-01	3.34E-02
2596	Gridded	2.57E-05	2.99E-06	5.65E-06	6.46E-07	2.94E-04	3.46E-05	3.09E-04	3.62E-05	3.72E-04	4.24E-05	6.88E-06	8.11E-07	1.17E-03	1.38E-04	1.41E-03	1.63E-04	2.34E-03	2.54E-04	2.97E-04	3.49E-05	5.44E-05	6.42E-06	1.58E-05	1.86E-06	3.73E-05	4.39E-06	7.42E-06	7.42E-06	1.91E-01	1.84E-02	3.01E-01	3.20E-02
2597	Gridded	2.93E-05	2.93E-06	6.12E-06	6.32E-07	3.51E-04	3.39E-05	3.64E-04	3.55E-05	3.99E-04	4.14E-05	8.29E-06	7.96E-07	1.40E-03	1.35E-04	1.60E-03	1.60E-04	2.18E-03	2.63E-04	3.54E-04	3.43E-05	6.57E-05	6.30E-06	1.90E-05	1.82E-06	4.49E-05	4.31E-06	7.23E-06	7.23E-06	1.36E-01	2.17E-02	2.53E-01	3.70E-02
2598	Gridded	2.58E-05	2.88E-06	5.19E-06	6.31E-07	3.19E-04	3.29E-05	3.26E-04	3.46E-05	3.36E-04	4.14E-05	7.56E-06	7.71E-07	1.27E-03	1.31E-04	1.39E-03	1.58E-04	2.19E-03	2.60E-04	3.20E-04	3.33E-05	5.98E-05	6.10E-06	1.73E-05	1.77E-06	4.09E-05	4.18E-06	7.46E-06	7.46E-06	1.60E-01	2.29E-02	2.82E-01	3.94E-02
2599	Gridded	1.82E-05	3.11E-06	3.76E-06	6.87E-07	2.25E-04	3.53E-05	2.31E-04	3.72E-05	2.46E-04	4.52E-05	5.35E-06	8.25E-07	9.00E-04	1.40E-04	9.82E-04	1.71E-04	1.61E-03	2.92E-04	2.27E-04	3.57E-05	4.24E-05	6.53E-06	1.23E-05	1.89E-06	2.90E-05	4.47E-06	8.27E-06	8.27E-06	1.61E-01	2.17E-02	2.88E-01	3.78E-02
2600	Gridded	1.78E-05	3.36E-06	3.92E-06	7.28E-07	2.04E-04	3.88E-05	2.13E-04	4.06E-05	2.58E-04	4.77E-05	4.80E-06	9.09E-07	8.12E-04	1.54E-04	9.76E-04	1.84E-04	1.64E-03	2.82E-04	2.06E-04	3.92E-05	3.80E-05	7.20E-06	1.10E-05	2.08E-06	2.60E-05	4.92E-06	8.40E-06	8.40E-06	1.44E-01	1.92E-02	2.44E-01	3.42E-02
2601	Gridded	2.02E-05	3.42E-06	4.41E-06	7.28E-07	2.31E-04	4.01E-05	2.43E-04	4.18E-05	2.90E-04	4.76E-05	5.42E-06	9.44E-07	9.20E-04	1.60E-04	1.11E-03	1.86E-04	1.78E-03	2.57E-04	2.34E-04	4.05E-05	4.29E-05	7.47E-06	1.24E-05	2.16E-06	2.94E-05	5.11E-06	8.05E-06	8.05E-06	1.32E-01	1.89E-02	2.51E-01	3.74E-02
2786	Gridded	1.54E-04	1.05E-05	3.04E-05	2.16E-06	1.93E-03	1.30E-04	1.97E-03	1.33E-04	1.96E-03	1.41E-04	4.60E-05	3.09E-06	7.72E-03	5.19E-04	8.30E-03	5.67E-04	5.63E-03	7.64E-04	1.94E-03	1.31E-04	3.64E-04	2.45E-05	1.05E-04	7.08E-06	2.49E-04	1.67E-05	2.39E-05	2.39E-05	1.03E+00	1.15E-01	2.64E+00	1.93E-01
2787	Gridded	1.66E-04	1.13E-05	3.37E-05	2.33E-06	2.04E-03	1.37E-04	2.09E-03	1.41E-04	2.18E-03	1.51E-04	4.82E-05	3.23E-06	8.12E-03	5.44E-04	8.99E-03	6.12E-04	8.38E-03	8.63E-04	2.05E-03	1.38E-04	3.82E-04	2.56E-05	1.11E-04	7.40E-06	2.61E-04	1.75E-05	2.61E-05	2.61E-05	8.93E-01	1.28E-01	2.44E+00	1.96E-01
2788	Gridded	1.39E-04	1.05E-05	2.98E-05	2.31E-06	1.62E-03	1.21E-04	1.70E-03	1.27E-04	1.95E-03	1.51E-04	3.82E-05	2.83E-06	6.47E-03	4.80E-04	7.60E-03	5.78E-04	1.09E-02	9.35E-04	1.64E-03	1.22E-04	3.02E-04	2.24E-05	8.75E-05	6.48E-06	2.07E-04	1.53E-05	2.72E-05	2.72E-05	6.84E-01	1.40E-01	2.05E+00	2.28E-01
2789	Gridded	8.76E-05	9.91E-06	2.07E-05	2.20E-06	9.24E-04	1.12E-04	1.00E-03	1.18E-04	1.37E-03	1.45E-04	2.13E-05	2.61E-06	3.66E-03	4.44E-04	4.86E-03	5.44E-04	1.14E-02	9.61E-04	9.41E-04	1.13E-04	1.69E-04	2.07E-05	4.89E-05	5.98E-06	1.16E-04	1.41E-05	2.69E-05	2.69E-05	7.27E-01	1.54E-01	1.50E+00	2.62E-01
2790	Gridded	7.97E-05	8.96E-06	1.75E-05	2.02E-06	9.10E-04	9.95E-05	9.58E-04	1.06E-04	1.15E-03	1.33E-04	2.13E-05	2.32E-06	3.62E-03	3.95E-04	4.37E-03	4.93E-04	9.15E-03	9.36E-04	9.20E-04	1.01E-04	1.69E-04	1.84E-05	4.88E-05	5.32E-06	1.15E-04	1.26E-05	2.54E-05	2.54E-05	7.82E-01	1.59E-01	1.28E+00	2.87E-01
2791	Gridded	7.68E-05	9.26E-06	1.70E-05	1.88E-06	8.69E-04	1.14E-04	9.18E-04	1.17E-04	1.12E-03	1.22E-04	2.03E-05	2.69E-06	3.46E-03	4.53E-04	4.22E-03	5.02E-04	7.27E-03	8.67E-04	8.80E-04	1.14E-04	1.61E-04	2.13E-05	4.66E-05	6.17E-06	1.10E-04	1.46E-05	2.30E-05	2.30E-05	7.30E-01	1.53E-01	1.63E+00	3.16E-01
2792	Gridded	7.59E-05	1.02E-05	1.57E-05	2.06E-06	9.18E-04	1.26E-04	9.48E-04	1.29E-04	1.02E-03	1.33E-04	2.17E-05	2.99E-06	3.66E-03	5.03E-04	4.13E-03	5.52E-04	6.84E-03	7.69E-04	9.24E-04	1.27E-04	1.72E-04	2.37E-05	4.97E-05	6.86E-06	1.18E-04	1.62E-05	2.01E-05	2.01E-05	8.86E-01	1.38E-01	1.77E+00	3.08E-01
2793	Gridded	8.42E-05	1.02E-05	1.76E-05	2.05E-06	1.01E-03	1.26E-04	1.04E-03	1.29E-04	1.15E-03	1.33E-04	2.37E-05	2.99E-06	4.01E-03	5.02E-04	4.58E-03	5.51E-04	5.93E-03	6.56E-04	1.01E-03	1.27E-04	1.88E-04	2.36E-05	5.44E-05	6.84E-06	1.29E-04	1.62E-05	1.94E-05	1.94E-05	9.82E-01	1.24E-01	2.04E+00	2.69E-01
2794	Gridded	8.54E-05	9.24E-06	1.81E-05	1.89E-06	1.01E-03	1.13E-04	1.05E-03	1.16E-04	1.19E-03	1.23E-04	2.37E-05	2.67E-06	4.01E-03	4.49E-04	4.66E-03	5.01E-04	6.23E-03	6.04E-04	1.02E-03	1.13E-04	1.88E-04	2.11E-05	5.43E-05	6.11E-06	1.28E-04	1.44E-05	1.89E-05	1.89E-05	9.78E-01	1.15E-01	2.17E+00	2.24E-01
2795	Gridded	7.81E-05	8.22E-06	1.68E-05	1.73E-06	9.08E-04	9.75E-05	9.51E-04	1.01E-04	1.10E-03	1.13E-04	2.13E-05	2.30E-06	3.61E-03	3.88E-04	4.27E-03	4.48E-04	6.31E-03	6.18E-04	9.18E-04	9.83E-05	1.69E-04	1.82E-05	4.89E-05	5.26E-06	1.16E-04	1.24E-05	1.86E-05	1.86E-05	1.02E+00	1.08E-01	2.55E+00	1.93E-01
2796	Gridded	8.34E-05	9.63E-06	1.72E-05	1.99E-06	1.01E-03	1.16E-04	1.04E-03	1.20E-04	1.12E-03	1.30E-04	2.39E-05	2.74E-06	4.03E-03	4.63E-04	4.53E-03	5.23E-04	5.72E-03	6.48E-04	1.02E-03	1.17E-04	1.89E-04	2.17E-05	5.48E-05	6.29E-06	1.29E-04	1.49E-05	2.03E-05	2.03E-05	1.06E+00	9.82E-02	1.93E+00	1.68E-01
2797	Gridded	1.11E-04	1.08E-05	2.33E-05	2.28E-06	1.33E-03	1.29E-04	1.38E-03	1.34E-04	1.52E-03	1.49E-04	3.15E-05	3.04E-06	5.31E-03	5.14E-04	6.06E-03	5.90E-04	7.23E-03	7.35E-04	1.34E-03	1.30E-04	2.49E-04	2.41E-05	7.21E-05	6.97E-06	1.70E-04	1.65E-05	2.42E-05	2.42E-05	7.93E-01	1.02E-01	2.21E+00	1.78E-01
2798	Gridded	1.34E-04	1.15E-05	2.84E-05	2.46E-06	1.57E-03	1.36E-04	1.64E-03	1.41E-04	1.86E-03	1.61E-04	3.70E-05	3.19E-06	6.26E-03	5.40E-04	7.29E-03	6.30E-04	9.87E-03	8.64E-04	1.59E-03	1.37E-04	2.93E-04	2.53E-05	8.48E-05	7.32E-06	2.01E-04	1.73E-05	2.71E-05	2.71E-05	6.49E-01	1.00E-01	1.50E+00	1.81E-01
2799	Gridded	1.43E-04	1.18E-05	3.10E-05	2.53E-06	1.64E-03	1.37E-04	1.73E-03	1.43E-04	2.03E-03	1.66E-04	3.86E-05	3.22E-06	6.54E-03	5.45E-04	7.81E-03	6.43E-04	1.22E-02	9.40E-04	1.66E-03	1.38E-04	3.05E-04	2.55E-05	8.84E-05	7.37E-06	2.09E-04	1.74E-05	2.86E-05	2.86E-05	7.56E-01	9.68E-02	1.57E+00	1.84E-01
2800	Gridded	1.35E-04	1.13E-05	3.02E-05	2.47E-06	1.52E-03	1.30E-04	1.61E-03	1.37E-04	1.99E-03	1.62E-04	3.54E-05	3.06E-06	6.02E-03	5.19E-04	7.43E-03	6.21E-04	1.34E-02	9.77E-04	1.54E-03	1.32E-04	2.80E-04	2.42E-05	8.11E-05	7.01E-06	1.92E-04	1.66E-05	2.87E-05	2.87E-05	9.71E-01	1.00E-01	2.04E+00	1.81E-01
2801	Gridded	1.13E-04	1.04E-05	2.60E-05	2.30E-06	1.22E-03	1.18E-04	1.31E-03	1.25E-04	1.72E-03	1.51E-04	2.84E-05	2.76E-06	4.85E-03	4.70E-04	6.24E-03	5.72E-04	1.32E-02	9.74E-04	1.24E-03	1.20E-04	2.25E-04	2.19E-05	6.51E-05	6.33E-06	1.54E-04	1.50E-05	2.77E-05	2.77E-05	1.17E+00	1.06E-01	2.45E+00	1.76E-01
2802	Gridded	9.15E-05	9.18E-06	1.98E-05	2.05E-06	1.12E-03	1.03E-04	1.15E-03	1.09E-04	1.32E-03	1.35E-04	2.66E-05	2.40E-06	4.47E-03	4.08E-04	4.96E-03	5.05E-04	1.15E-02	9.23E-04	1.13E-03	1.04E-04	2.10E-04	1.90E-05	6.09E-05	5.50E-06	1.44E-04	1.30E-05	2.54E-05	2.54E-05	1.32E+00	1.14E-01	2.67E+00	2.07E-01
2803	Gridded	9.86E-05	7.57E-06	2.07E-05	1.72E-06	1.17E-03	8.53E-05	1.22E-03	8.98E-05	1.35E-03	1.14E-04	2.77E-05	2.00E-06	4.67E-03	3.39E-04	5.37E-03	4.17E-04	8.74E-03	8.30E-04	1.18E-03	8.62E-05	2.19E-04	1.58E-05	6.34E-05	4.59E-06	1.50E-04	1.08E-05	2.21E-05	2.21E-05	1.37E+00	1.24E-01	2.63E+00	2.24E-01
2804	Gridded	9.36E-05	7.11E-06	2.05E-05	1.61E-06	1.07E-03	7.93E-05	1.13E-03	8.38E-05	1.34E-03	1.06E-04	2.52E-05	1.86E-06	4.27E-03	3.15E-04	5.13E-03	3.92E-04	8.26E-03	7.64E-04	1.09E-03	8.02E-05	1.99E-04	1.47E-05	5.76E-05	4.26E-06	1.36E-04	1.01E-05	2.05E-05	2.05E-05	1.29E+00	1.22E-01	2.33E+00	2.18E-01
2805	Gridded	7.85E-05	6.51E-06	1.79E-05	1.49E-06	8.60E-04	7.47E-05	9.19E-04	7.70E-05	1.19E-03	9.84E-05	2.00E-05	1.77E-06	3.41E-03	2.98E-04	4.33E-03	3.59E-04	8.81E-03	7.31E-04	8.73E-04	7.52E-05	1.58E-04	1.40E-05	4.58E-05	4.05E-06	1.08E-04	9.58E-06	1.93E-05	1.93E-05	1.06E+00	1.08E-01	1.88E+00	1.92E-01
2806	Gridded	8.27E-05	6.97E-06	1.81E-05	1.44E-06	9.48E-04	8.41E-05	9.97E-04	8.69E-05	1.19E-03	9.40E-05	2.22E-05	1.99E-06	3.77E-03	3.35E-04	4.53E-03	3.79E-04	8.13E-03	6.85E-04	9.59E-04	8.47E-05	1.76E-04	1.57E-05	5.09E-05	4.55E-06	1.20E-04	1.08E-05	1.78E-05	1.78E-05	7.70E-01	9.02E-02	1.40E+00	1.59E-01
2807	Gridded	9.18E-05	7.99E-06	2.02E-05	1.68E-06	1.05E-03	9.53E-05	1.10E-03	9.88E-05	1.33E-03	1.09E-04	2.49E-05	2.25E-06	4.19E-03	3.80E-04	5.04E-03	4.35E-04	8.56E-03	6.30E-04	1.06E-03	9.61E-05	1.97E-04	1.78E-05	5.70E-05	5.15E-06	1.35E-04	1.22E-05	1.77E-05	1.77E-05	6.53E-01	8.30E-02	1.47E+00	1.92E-01
2808	Gridded	9.81E-05	9.48E-06	2.17E-05	1.99E-06	1.18E-03	1.13E-04	1.22E-03	1.17E-04	1.43E-03	1.30E-04	2.79E-05	2.66E-06	4.70E-03	4.50E-04	5.37E-03	5.16E-04	9.55E-03	6.38E-04	1.19E-03	1.14E-04	2.21E-04	2.11E-05	6.39E-05	6.10E-06	1.51E-04	1.44E-05	2.11E-05	2.11E-05	6.85E-01	9.88E-02	1.46E+00	1.79E-01
2809	Gridded	1.04E-04	1.08E-05	2.25E-05	2.28E-06	1.23E-03	1.29E-04	1.27E-03	1.34E-04	1.48E-03	1.49E-04	2.89E-05	3.04E-06	4.88E-03	5.13E-04	5.65E-03	5.90E-04	1.01E-02	7.36E-04	1.24E-03	1.30E-04	2.29E-04	2.41E-05	6.61E-05	6.97E-06	1.56E-04	1.65E-05	2.42E-05	2.42E-05	6.42E-01	1.13E-01	1.37E+00	1.81E-01
2810	Gridded	1.02E-04	1.13E-05	2.26E-05	2.41E-06	1.18E-03	1.32E-04	1.24E-03	1.38E-04	1.49E-03	1.57E-04	2.77E-05	3.11E-06	4.70E-03	5.26E-04	5.58E-03	6.15E-04	1.03E-02	8.55E-04	1.19E-03	1.33E-04	2.19E-04	2.46E-05	6.35E-05	7.12E-06	1.50E-04	1.68E-05	2.67E-05	2.67E-05	6.06E-01	1.09E-01	1.40E+00	1.80E-01
2811	Gridded	9.88E-05	1.07E-05	2.22E-05	2.36E-06	1.10E-03	1.22E-04	1.17E-03	1.29E-04	1.46E-03	1.55E-04	2.57E-05	2.86E-06	4.38E-03	4.86E-04	5.44E-03	5.88E-04	1.01E-02	9.77E-04	1.12E-03	1.24E-04	2.03E-04	2.27E-05	5.89E-05	6.56E-06	1.39E-04	1.55E-05	2.81E-05	2.81E-05	6.75E-01	9.11E-02	1.58E+00	1.50E-01
2812	Gridded	9.53E-05	9.34E-06	2.13E-05	2.12E-06	1.07E-03	1.03E-04	1.13E-03	1.10E-04	1.41E-03	1.40E-04	2.49E-05	2.39E-06	4.24E-03	4.08E-04	5.24E-03	5.15E-04	9.56E-03	1.02E-03	1.08E-03	1.04E-04	1.97E-04	1.89E-05	5.71E-05	5.48E-06	1.35E-04	1.30E-05	2.72E-05	2.72E-05	7.15E-01	6.73E-02	1.37E+00	1.23E-01
2813	Gridded	9.09E-05	8.35E-06	2.02E-05	1.81E-06	1.03E-03	1.03E-04	1.09E-03	1.06E-04	1.33E-03	1.20E-04	2.40E-05	2.45E-06	4.08E-03	4.12E-04	5.00E-03	4.51E-04	8.79E-03	9.78E-04	1.04E-03	1.04E-04	1.90E-04	1.94E-05	5.49E-05	5.62E-06	1.30E-04	1.33E-05	2.47E-05	2.47E-05	7.13E-01	8.57E-02	1.47E+00	1.65E-01
2814	Gridded	8.52E-05	1.03E-05	1.88E-05	2.10E-06	9.68E-04	1.26E-04	1.02E-03	1.30E-04	1.23E-03	1.36E-04	2.27E-05	2.99E-06	3.85E-03	5.03E-04	4.67E-03	5.59E-04	7.89E-03	8.48E-04	9.80E-04	1.27E-04	1.79E-04	2.36E-05	5.19E-05	6.84E-06	1.23E-04	1.62E-05	2.09E-05	2.09E-05	6.70E-01	1.02E-01	1.43E+00	1.90E-01
2815	Gridded	7.68E-05	1.16E-05	1.69E-05	2.40E-06	8.77E-04	1.41E-04	9.24E-04	1.45E-04	1.11E-03	1.56E-04	2.05E-05	3.32E-06	3.49E-03	5.60E-04	4.21E-03	6.31E-04	6.96E-03	6.95E-04	8.87E-04	1.42E-04	1.63E-04	2.63E-05	4.71E-05	7.61E-06	1.11E-04	1.80E-05	2.44E-05	2.44E-05	5.53E-01	1.11E-01	1.33E+00	2.00E-01
2816	Gridded	6.66E-05	1.35E-05	1.46E-05	2.81E-06	7.59E-04	1.63E-04	8.00E-04	1.68E-04	9.62E-04	1.83E-04	1.78E-05	3.85E-06	3.02E-03	6.49E-04	3.65E-03	7.36E-04	6.07E-03	8.46E-04	7.68E-04	1.64E-04	1.41E-04	3.05E-05	4.07E-05	8.82E-06	9.63E-05	2.08E-05	2.90E-05	2.90E-05	5.96E-01	1.18E-01	1.41E+00	2.05E-01
2817	Gridded	1.12E-04	1.02E-05	2.15E-05	2.15E-06	1.43E-03	1.21E-04	1.45E-03	1.26E-04	1.38E-03	1.40E-04	3.41E-05	2.86E-06	5.72E-03	4.83E-04	6.00E-03	5.56E-04	4.06E-03	7.03E-04	1.44E-03	1.22E-04	2.70E-04	2.26E-05	7.83E-05	6.55E-06	1.85E-04	1.55E-05	2.30E-05	2.30E-05	1.17E+00	1.01E-01	2.57E+00	1.88E-01
2818	Gridded	1.44E-04	1.14E-05	2.83E-05	2.43E-06	1.81E-03	1.34E-04	1.85E-03	1.40E-04	1.83E-03	1.59E-04	4.31E-05	3.16E-06	7.23E-03	5.35E-04	7.76E-03	6.23E-04	5.10E-03	8.48E-04	1.82E-03	1.36E-04	3.41E-04	2.50E-05	9.88E-05	7.24E-06	2.34E-04	1.71E-05	2.67E-05	2.67E-05	1.10E+00	1.17E-01	2.81E+00	2.02E-01
2819	Gridded	1.43E-04	1.18E-05	2.92E-05	2.55E-06	1.73E-03	1.37E-04	1.79E-03	1.43E-04	1.90E-03	1.67E-04	4.10E-05	3.22E-06	6.91E-03	5.45E-04	7.73E-03	6.46E-04	7.94E-03	9.67E-04	1.75E-03	1.38E-04	3.25E-04	2.55E-05	9.40E-05	7.37E-06	2.22E-04	1.74E-05	2.91E-05	2.91E-05	9.63E-01	1.30E-01	2.80E+00	2.11E-01
2820	Gridded	1.09E-04	1.15E-05	2.41E-05	2.52E-06	1.24E-03	1.31E-04	1.31E-03	1.38E-04	1.58E-03	1.65E-04	2.90E-05	3.06E-06	4.93E-03	5.20E-04	5.99E-03	6.29E-04	1.01E-02	1.04E-03	1.26E-03	1.32E-04	2.30E-04	2.43E-05	6.65E-05	7.02E-06	1.57E-04	1.66E-05	2.98E-05	2.98E-05	7.31E-01	1.45E-01	2.41E+00	2.33E-01
2821	Gridded	8.77E-05	1.06E-05	1.91E-05	2.36E-06	1.01E-03	1.19E-04	1.06E-03	1.26E-04	1.25E-03	1.55E-04	2.36E-05	2.78E-06	4.01E-03	4.73E-04	4.80E-03	5.82E-04	9.93E-03	1.04E-03	1.02E-03	1.21E-04	1.87E-04	2.20E-05	5.42E-05	6.37E-06	1.28E-04	1.51E-05	2.89E-05	2.89E-05	7.69E-01	1.61E-01	1.75E+00	2.72E-01
2822	Gridded	8.85E-05	9.49E-06	1.95E-05	2.14E-06	1.01E-03	1.05E-04	1.06E-03	1.12E-04	1.28E-03	1.41E-04	2.36E-05	2.46E-06	4.01E-03	4.19E-04	4.85E-03	5.22E-04	8.11E-03	9.90E-04	1.02E-03	1.07E-04	1.87E-04	1.95E-05	5.40E-05	5.63E-06	1.28E-04	1.33E-05	2.69E-05	2.69E-05	8.24E-01	1.65E-01	1.30E+00	2.94E-01
2823	Gridded	8.06E-05	9.55E-06	1.80E-05	1.93E-06	9.19E-04	1.18E-04	9.59E-04	1.21E-04	1.18E-03	1.25E-04	2.17E-05	2.79E-06	3.66E-03	4.69E-04	4.43E-03	5.17E-04	7.97E-03	9.08E-04	9.25E-04	1.18E-04	1.72E-04	2.21E-05	4.98E-05	6.40E-06	1.18E-04	1.51E-05	2.42E-05	2.42E-05	8.13E-01	1.55E-01	1.62E+00	3.21E-01
2824	Gridded	8.81E-05	1.01E-05	1.83E-05	2.04E-06	1.06E-03	1.25E-04	1.10E-03	1.29E-04	1.19E-03	1.32E-04	2.51E-05	2.98E-06	4.23E-03	5.00E-04	4.79E-03	5.49E-04	7.10E-03	8.00E-04	1.07E-03	1.26E-04	1.98E-04	2.36E-05	5.74E-05	6.82E-06	1.36E-04	1.61E-05	2.09E-05	2.09E-05	9.65E-01	1.38E-01	1.94E+00	3.06E-01
2825	Gridded	9.35E-05	9.58E-06	1.97E-05	1.95E-06	1.11E-03	1.17E-04	1.15E-03	1.21E-04	1.29E-03	1.26E-04	2.62E-05	2.78E-06	4.43E-03	4.68E-04	5.10E-03	5.19E-04	6.56E-03	6.75E-04	1.12E-03	1.18E-04	2.07E-04	2.20E-05	6.00E-05	6.38E-06	1.42E-04	1.51E-05	1.91E-05	1.91E-05	9.71E-01	1.24E-01	2.07E+00	2.57E-01
2826	Gridded	8.87E-05	8.54E-06	1.90E-05	1.78E-06	1.04E-03	1.02E-04	1.08E-03	1.06E-04	1.24E-03	1.16E-04	2.44E-05	2.42E-06	4.13E-03	4.08E-04	4.84E-03	4.64E-04	6.85E-03	6.08E-04	1.05E-03	1.03E-04	1.93E-04	1.92E-05	5.59E-05	5.54E-06	1.32E-04	1.31E-05	1.84E-05	1.84E-05	9.97E-01	1.17E-01	2.35E+00	2.10E-01
2827	Gridded	7.76E-05	9.57E-06	1.66E-05	1.97E-06	9.10E-04	1.16E-04	9.49E-04	1.20E-04	1.08E-03	1.28E-04	2.16E-05	2.75E-06	3.63E-03	4.63E-04	4.24E-03	5.20E-04	6.36E-03	6.07E-04	9.19E-04	1.17E-04	1.71E-04	2.18E-05	4.94E-05	6.30E-06	1.17E-04	1.49E-05	1.97E-05	1.97E-05	1.06E+00	1.06E-01	2.28E+00	1.80E-01

Scenario 1 Results

2828 Gridded	1.06E-04	1.11E-05	2.19E-05	2.31E-06	1.28E-03	1.33E-04	1.32E-03	1.38E-04	1.43E-03	1.51E-04	3.03E-05	3.14E-06	5.11E-03	5.29E-04	5.76E-03	6.03E-04	6.31E-03	7.11E-04	1.29E-03	1.34E-04	2.40E-04	2.48E-05	6.94E-05	7.19E-06	1.64E-04	1.70E-05	2.41E-05	2.41E-05	8.84E-01	1.09E-01	2.17E+00	1.78E-01
2829 Gridded	1.34E-04	1.20E-05	2.82E-05	2.54E-06	1.59E-03	1.42E-04	1.65E-03	1.47E-04	1.84E-03	1.66E-04	3.75E-05	3.33E-06	6.33E-03	5.64E-04	7.29E-03	6.54E-04	9.20E-03	8.66E-04	1.60E-03	1.43E-04	2.97E-04	2.64E-05	8.58E-05	7.64E-06	2.03E-04	1.81E-05	2.77E-05	2.77E-05	6.33E-01	1.08E-01	1.75E+00	1.91E-01
2830 Gridded	1.48E-04	1.24E-05	3.19E-05	2.65E-06	1.72E-03	1.44E-04	1.80E-03	1.51E-04	2.09E-03	1.73E-04	4.04E-05	3.39E-06	6.85E-03	5.74E-04	8.10E-03	6.75E-04	1.19E-02	9.70E-04	1.74E-03	1.46E-04	3.20E-04	2.68E-05	9.26E-05	7.76E-06	2.19E-04	1.84E-05	2.98E-05	2.98E-05	7.76E-01	1.05E-01	1.63E+00	1.92E-01
2831 Gridded	1.43E-04	1.20E-05	3.17E-05	2.60E-06	1.61E-03	1.38E-04	1.70E-03	1.45E-04	2.09E-03	1.71E-04	3.77E-05	3.24E-06	6.41E-03	5.49E-04	7.84E-03	6.56E-04	1.37E-02	1.02E-03	1.63E-03	1.40E-04	2.98E-04	2.56E-05	8.64E-05	7.42E-06	2.04E-04	1.75E-05	3.02E-05	3.02E-05	1.03E+00	1.02E-01	2.19E+00	1.94E-01
2832 Gridded	1.19E-04	1.10E-05	2.74E-05	2.43E-06	1.30E-03	1.25E-04	1.39E-03	1.32E-04	1.82E-03	1.60E-04	3.01E-05	2.93E-06	5.14E-03	4.98E-04	6.59E-03	6.05E-04	1.38E-02	1.03E-03	1.32E-03	1.27E-04	2.38E-04	2.32E-05	6.90E-05	6.71E-06	1.63E-04	1.59E-05	2.93E-05	2.93E-05	1.29E+00	1.05E-01	2.73E+00	1.83E-01
2833 Gridded	9.17E-05	9.65E-06	2.07E-05	2.16E-06	1.13E-03	1.08E-04	1.16E-03	1.14E-04	1.38E-03	1.43E-04	2.69E-05	2.52E-06	4.52E-03	4.29E-04	4.96E-03	5.31E-04	1.21E-02	9.80E-04	1.14E-03	1.09E-04	2.13E-04	1.99E-05	6.16E-05	5.77E-06	1.46E-04	1.36E-05	2.69E-05	2.69E-05	1.48E+00	1.18E-01	3.06E+00	2.04E-01
2834 Gridded	9.94E-05	7.80E-06	2.08E-05	1.78E-06	1.19E-03	9.05E-05	1.23E-03	9.48E-05	1.35E-03	1.18E-04	2.81E-05	2.13E-06	4.74E-03	3.60E-04	5.41E-03	4.29E-04	9.15E-03	8.77E-04	1.20E-03	9.15E-05	2.22E-04	1.68E-05	6.43E-05	4.87E-06	1.52E-04	1.15E-05	2.31E-05	2.31E-05	1.55E+00	1.28E-01	3.01E+00	2.17E-01
2835 Gridded	9.35E-05	7.31E-06	2.04E-05	1.63E-06	1.07E-03	8.37E-05	1.13E-03	8.80E-05	1.34E-03	1.08E-04	2.52E-05	1.96E-06	4.27E-03	3.33E-04	5.13E-03	4.01E-04	8.14E-03	7.78E-04	1.09E-03	8.46E-05	1.99E-04	1.55E-05	5.77E-05	4.49E-06	1.36E-04	1.06E-05	2.08E-05	2.08E-05	1.43E+00	1.24E-01	2.61E+00	2.08E-01
2836 Gridded	7.77E-05	6.53E-06	1.76E-05	1.50E-06	9.03E-04	7.39E-05	9.45E-04	7.62E-05	1.16E-03	9.90E-05	2.12E-05	1.75E-06	3.59E-03	2.95E-04	4.25E-03	3.61E-04	8.73E-03	7.42E-04	9.12E-04	7.43E-05	1.68E-04	1.39E-05	4.86E-05	4.01E-06	1.15E-04	9.48E-06	1.95E-05	1.95E-05	1.14E+00	1.07E-01	2.03E+00	1.84E-01
2837 Gridded	9.01E-05	7.13E-06	1.97E-05	1.47E-06	1.04E-03	8.66E-05	1.09E-03	8.93E-05	1.29E-03	9.52E-05	2.43E-05	2.05E-06	4.12E-03	3.45E-04	4.94E-03	3.87E-04	7.92E-03	6.93E-04	1.05E-03	8.72E-05	1.92E-04	1.62E-05	5.56E-05	4.70E-06	1.31E-04	1.11E-05	1.79E-05	1.79E-05	8.04E-01	8.81E-02	1.49E+00	1.67E-01
2838 Gridded	9.90E-05	8.60E-06	2.19E-05	1.79E-06	1.15E-03	1.03E-04	1.19E-03	1.07E-04	1.44E-03	1.16E-04	2.71E-05	2.44E-06	4.57E-03	4.12E-04	5.44E-03	4.68E-04	9.23E-03	6.35E-04	1.15E-03	1.04E-04	2.15E-04	1.94E-05	6.22E-05	5.60E-06	1.47E-04	1.32E-05	1.84E-05	1.84E-05	5.93E-01	9.00E-02	1.72E+00	1.93E-01
2839 Gridded	1.06E-04	1.03E-05	2.32E-05	2.15E-06	1.27E-03	1.24E-04	1.31E-03	1.28E-04	1.53E-03	1.40E-04	2.99E-05	2.92E-06	5.05E-03	4.93E-04	5.75E-03	5.62E-04	1.02E-02	6.59E-04	1.28E-03	1.25E-04	2.37E-04	2.31E-05	6.86E-05	6.70E-06	1.62E-04	1.58E-05	2.24E-05	2.24E-05	7.01E-01	1.09E-01	1.85E+00	1.71E-01
2840 Gridded	1.09E-04	1.14E-05	2.36E-05	2.41E-06	1.28E-03	1.36E-04	1.34E-03	1.41E-04	1.56E-03	1.58E-04	3.02E-05	3.20E-06	5.11E-03	5.40E-04	5.95E-03	6.23E-04	1.08E-02	7.99E-04	1.29E-03	1.37E-04	2.39E-04	2.53E-05	6.92E-05	7.33E-06	1.64E-04	1.73E-05	2.59E-05	2.59E-05	7.40E-01	1.19E-01	1.74E+00	1.91E-01
2841 Gridded	1.04E-04	1.12E-05	2.33E-05	2.43E-06	1.20E-03	1.30E-04	1.26E-03	1.36E-04	1.54E-03	1.60E-04	2.80E-05	3.05E-06	4.76E-03	5.16E-04	5.71E-03	6.14E-04	1.08E-02	9.39E-04	1.21E-03	1.31E-04	2.22E-04	2.41E-05	6.43E-05	6.98E-06	1.52E-04	1.65E-05	2.80E-05	2.80E-05	6.88E-01	1.06E-01	1.40E+00	1.70E-01
2842 Gridded	1.00E-04	1.00E-05	2.25E-05	2.25E-06	1.12E-03	1.12E-04	1.19E-03	1.19E-04	1.48E-03	1.49E-04	2.60E-05	2.61E-06	4.44E-03	4.45E-04	5.51E-03	5.53E-04	1.03E-02	1.03E-03	1.13E-03	1.14E-04	2.06E-04	2.07E-05	5.97E-05	5.99E-06	1.41E-04	1.41E-05	2.82E-05	2.82E-05	6.82E-01	8.14E-02	1.44E+00	1.29E-01
2843 Gridded	9.56E-05	8.37E-06	2.14E-05	1.95E-06	1.07E-03	9.67E-05	1.14E-03	9.89E-05	1.41E-03	1.29E-04	2.50E-05	2.30E-06	4.26E-03	3.86E-04	5.26E-03	4.64E-04	9.53E-03	1.02E-03	1.09E-03	9.72E-05	1.98E-04	1.82E-05	5.74E-05	5.26E-06	1.36E-04	1.24E-05	2.61E-05	2.61E-05	5.98E-01	8.26E-02	1.34E+00	1.60E-01
2844 Gridded	8.90E-05	1.01E-05	1.98E-05	2.05E-06	1.00E-03	1.24E-04	1.06E-03	1.27E-04	1.30E-03	1.33E-04	2.35E-05	2.94E-06	3.99E-03	4.95E-04	4.89E-03	5.47E-04	8.71E-03	9.22E-04	1.02E-03	1.25E-04	1.86E-04	2.33E-05	5.38E-05	6.74E-06	1.27E-04	1.59E-05	2.27E-05	2.27E-05	6.52E-01	1.04E-01	1.49E+00	1.96E-01
2845 Gridded	7.99E-05	1.19E-05	1.77E-05	2.45E-06	9.06E-04	1.45E-04	9.57E-04	1.49E-04	1.16E-03	1.59E-04	2.12E-05	3.42E-06	3.60E-03	5.76E-04	4.39E-03	6.47E-04	7.64E-03	7.62E-04	9.17E-04	1.46E-04	1.68E-04	2.71E-05	4.86E-05	7.84E-06	1.15E-04	1.85E-05	2.45E-05	2.45E-05	5.78E-01	1.16E-01	1.33E+00	2.12E-01
2846 Gridded	6.94E-05	1.38E-05	1.53E-05	2.86E-06	7.87E-04	1.66E-04	8.31E-04	1.72E-04	1.01E-03	1.86E-04	1.84E-05	3.92E-06	3.13E-03	6.61E-04	3.81E-03	7.49E-04	6.50E-03	8.41E-04	7.97E-04	1.67E-04	1.46E-04	3.10E-05	4.22E-05	8.99E-06	9.98E-05	2.12E-05	2.93E-05	2.93E-05	6.12E-01	1.22E-01	1.49E+00	2.18E-01
2847 Gridded	7.03E-05	1.47E-05	1.44E-05	3.11E-06	8.57E-04	1.75E-04	8.82E-04	1.82E-04	9.33E-04	2.03E-04	2.03E-05	4.12E-06	3.42E-03	6.96E-04	3.81E-03	8.03E-04	5.95E-03	1.03E-03	8.63E-04	1.76E-04	1.61E-04	3.26E-05	4.65E-05	9.44E-06	1.10E-04	2.23E-05	3.34E-05	3.34E-05	5.77E-01	1.30E-01	1.28E+00	2.25E-01
2848 Gridded	6.05E-05	1.13E-05	1.15E-05	2.40E-06	7.84E-04	1.33E-04	7.91E-04	1.39E-04	7.34E-04	1.57E-04	1.87E-05	3.14E-06	3.13E-03	5.32E-04	3.24E-03	6.17E-04	3.50E-03	8.22E-04	7.86E-04	1.35E-04	1.48E-04	2.49E-05	4.29E-05	7.20E-06	1.02E-04	1.70E-05	2.62E-05	2.62E-05	1.27E+00	9.32E-02	1.96E+00	1.95E-01
2849 Gridded	9.56E-05	1.12E-05	1.84E-05	2.35E-06	1.22E-03	1.33E-04	1.24E-03	1.38E-04	1.18E-03	1.54E-04	2.92E-05	3.13E-06	4.89E-03	5.29E-04	5.14E-03	6.09E-04	4.37E-03	7.65E-04	1.23E-03	1.34E-04	2.31E-04	2.48E-05	6.69E-05	7.18E-06	1.58E-04	1.70E-05	2.51E-05	2.51E-05	1.21E+00	9.95E-02	2.50E+00	1.97E-01
2850 Gridded	1.22E-04	1.24E-05	2.42E-05	2.65E-06	1.53E-03	1.46E-04	1.56E-03	1.52E-04	1.56E-03	1.73E-04	3.64E-05	3.44E-06	6.11E-03	5.82E-04	6.59E-03	6.78E-04	5.10E-03	9.26E-04	1.54E-03	1.47E-04	2.88E-04	2.72E-05	8.34E-05	7.88E-06	1.97E-04	1.86E-05	2.91E-05	2.91E-05	1.17E+00	1.15E-01	2.96E+00	2.01E-01
2851 Gridded	1.18E-04	1.28E-05	2.45E-05	2.76E-06	1.41E-03	1.49E-04	1.46E-03	1.56E-04	1.60E-03	1.81E-04	3.33E-05	3.49E-06	5.62E-03	5.91E-04	6.40E-03	7.00E-04	7.43E-03	1.04E-03	1.42E-03	1.50E-04	2.64E-04	2.76E-05	7.64E-05	8.00E-06	1.81E-04	1.89E-05	3.15E-05	3.15E-05	1.02E+00	1.33E-01	3.06E+00	2.25E-01
2852 Gridded	9.15E-05	1.24E-05	1.99E-05	2.72E-06	1.06E-03	1.42E-04	1.11E-03	1.50E-04	1.30E-03	1.79E-04	2.48E-05	3.34E-06	4.21E-03	5.66E-04	5.01E-03	6.82E-04	9.24E-03	1.11E-03	1.07E-03	1.44E-04	1.96E-04	2.64E-05	5.68E-05	7.65E-06	1.34E-04	1.81E-05	3.21E-05	3.21E-05	7.55E-01	1.52E-01	2.75E+00	2.42E-01
2853 Gridded	9.68E-05	1.15E-05	2.12E-05	2.56E-06	1.11E-03	1.30E-04	1.17E-03	1.37E-04	1.39E-03	1.69E-04	2.59E-05	3.03E-06	4.40E-03	5.15E-04	5.31E-03	6.33E-04	8.64E-03	1.12E-03	1.12E-03	1.31E-04	2.05E-04	2.40E-05	5.94E-05	6.94E-06	1.40E-04	1.64E-05	3.13E-05	3.13E-05	8.01E-01	1.68E-01	1.99E+00	2.73E-01
2854 Gridded	9.40E-05	1.03E-05	2.08E-05	2.31E-06	1.06E-03	1.14E-04	1.12E-03	1.21E-04	1.37E-03	1.53E-04	2.49E-05	2.65E-06	4.23E-03	4.52E-04	5.16E-03	5.65E-04	8.88E-03	1.08E-03	1.08E-03	1.15E-04	1.97E-04	2.10E-05	5.70E-05	6.08E-06	1.35E-04	1.44E-05	2.92E-05	2.92E-05	8.16E-01	1.67E-01	1.31E+00	3.01E-01
2855 Gridded	8.82E-05	9.75E-06	1.85E-05	2.00E-06	1.07E-03	1.20E-04	1.11E-03	1.23E-04	1.22E-03	1.32E-04	2.54E-05	2.85E-06	4.27E-03	4.79E-04	4.79E-03	5.28E-04	8.31E-03	9.83E-04	1.08E-03	1.21E-04	2.01E-04	2.25E-05	5.81E-05	6.52E-06	1.37E-04	1.54E-05	2.59E-05	2.59E-05	8.66E-01	1.54E-01	1.60E+00	3.22E-01
2856 Gridded	9.85E-05	9.74E-06	2.05E-05	1.98E-06	1.18E-03	1.20E-04	1.22E-03	1.23E-04	1.34E-03	1.28E-04	2.79E-05	2.83E-06	4.71E-03	4.77E-04	5.36E-03	5.27E-04	7.28E-03	8.49E-04	1.19E-03	1.20E-04	2.21E-04	2.24E-05	6.39E-05	6.49E-06	1.51E-04	1.53E-05	2.18E-05	2.18E-05	9.82E-01	1.36E-01	2.06E+00	2.93E-01
2857 Gridded	9.81E-05	8.77E-06	2.08E-05	1.81E-06	1.16E-03	1.06E-04	1.21E-03	1.09E-04	1.36E-03	1.18E-04	2.73E-05	2.51E-06	4.62E-03	4.23E-04	5.35E-03	4.76E-04	7.22E-03	6.90E-04	1.17E-03	1.07E-04	2.16E-04	1.98E-05	6.27E-05	5.74E-06	1.48E-04	1.36E-05	1.85E-05	1.85E-05	1.03E+00	1.25E-01	1.83E+00	2.37E-01
2858 Gridded	8.54E-05	9.31E-06	1.84E-05	1.90E-06	9.95E-04	1.14E-04	1.04E-03	1.17E-04	1.20E-03	1.24E-04	2.34E-05	2.69E-06	3.96E-03	4.53E-04	4.67E-03	5.05E-04	6.81E-03	5.96E-04	1.01E-03	1.14E-04	1.85E-04	2.13E-05	5.36E-05	6.16E-06	1.27E-04	1.46E-05	1.87E-05	1.87E-05	1.01E+00	1.17E-01	2.17E+00	1.94E-01
2859 Gridded	9.90E-05	1.12E-05	2.02E-05	2.32E-06	1.21E-03	1.35E-04	1.24E-03	1.39E-04	1.31E-03	1.51E-04	2.86E-05	3.18E-06	4.82E-03	5.37E-04	5.37E-03	6.07E-04	6.21E-03	6.76E-04	1.22E-03	1.36E-04	2.27E-04	2.52E-05	6.56E-05	7.30E-06	1.55E-04	1.72E-05	2.37E-05	2.37E-05	9.37E-01	1.15E-01	1.87E+00	1.71E-01
2860 Gridded	1.32E-04	1.24E-05	2.76E-05	2.61E-06	1.59E-03	1.47E-04	1.65E-03	1.53E-04	1.80E-03	1.70E-04	3.75E-05	3.47E-06	6.33E-03	5.86E-04	7.20E-03	6.74E-04	8.37E-03	8.51E-04	1.60E-03	1.48E-04	2.97E-04	2.75E-05	8.60E-05	7.95E-06	2.03E-04	1.88E-05	2.79E-05	2.79E-05	6.52E-01	1.18E-01	1.91E+00	2.03E-01
2861 Gridded	1.52E-04	1.30E-05	3.25E-05	2.77E-06	1.79E-03	1.52E-04	1.86E-03	1.59E-04	2.13E-03	1.81E-04	4.20E-05	3.58E-06	7.11E-03	6.06E-04	8.32E-03	7.09E-04	1.16E-02	9.83E-04	1.80E-03	1.54E-04	3.32E-04	2.84E-05	9.62E-05	8.21E-06	2.27E-04	1.94E-05	3.07E-05	3.07E-05	7.67E-01	1.16E-01	1.63E+00	2.08E-01
2862 Gridded	1.49E-04	1.28E-05	3.30E-05	2.76E-06	1.70E-03	1.48E-04	1.79E-03	1.55E-04	2.17E-03	1.81E-04	3.97E-05	3.47E-06	6.74E-03	5.88E-04	8.20E-03	6.98E-04	1.40E-02	1.06E-03	1.72E-03	1.49E-04	3.14E-04	2.75E-05	9.09E-05	7.95E-06	2.15E-04	1.88E-05	3.16E-05	3.16E-05	1.07E+00	1.13E-01	2.34E+00	2.14E-01
2863 Gridded	1.25E-04	1.18E-05	2.87E-05	2.59E-06	1.35E-03	1.35E-04	1.45E-03	1.42E-04	1.90E-03	1.71E-04	3.14E-05	3.15E-06	5.37E-03	5.35E-04	6.88E-03	6.48E-04	1.45E-02	1.08E-03	1.37E-03	1.36E-04	2.49E-04	2.49E-05	7.20E-05	7.22E-06	1.70E-04	1.71E-05	3.09E-05	3.09E-05	1.41E+00	1.09E-01	3.13E+00	2.07E-01
2864 Gridded	9.17E-05	1.02E-05	2.13E-05	2.29E-06	1.14E-03	1.14E-04	1.17E-03	1.21E-04	1.42E-03	1.51E-04	2.72E-05	2.67E-06	4.56E-03	4.54E-04	4.96E-03	5.62E-04	1.27E-02	1.03E-03	1.15E-03	1.16E-04	2.15E-04	2.11E-05	6.22E-05	6.11E-06	1.47E-04	1.44E-05	2.83E-05	2.83E-05	1.67E+00	1.25E-01	3.67E+00	2.20E-01
2865 Gridded	9.98E-05	8.04E-06	2.07E-05	1.84E-06	1.20E-03	9.32E-05	1.24E-03	9.75E-05	1.35E-03	1.22E-04	2.84E-05	2.19E-06	4.78E-03	3.71E-04	5.42E-03	4.44E-04	9.47E-03	9.20E-04	1.21E-03	9.42E-05	2.24E-04	1.73E-05	6.50E-05	5.02E-06	1.54E-04	1.19E-05	2.41E-05	2.41E-05	1.76E+00	1.35E-01	3.61E+00	2.28E-01
2866 Gridded	9.27E-05	7.46E-06	2.03E-05	1.63E-06	1.06E-03	8.55E-05	1.12E-03	8.99E-05	1.33E-03	1.08E-04	2.49E-05	2.00E-06	4.23E-03	3.40E-04	5.08E-03	4.09E-04	8.15E-03	7.84E-04	1.08E-03	8.65E-05	1.97E-04	1.59E-05	5.71E-05	4.59E-06	1.35E-04	1.09E-05	2.09E-05	2.09E-05	1.60E+00	1.27E-01	2.98E+00	2.09E-01
2867 Gridded	8.42E-05	6.64E-06	1.81E-05	1.48E-06	9.81E-04	7.66E-05	1.03E-03	8.04E-05	1.18E-03	9.81E-05	2.31E-05	1.81E-06	3.91E-03	3.05E-04	4.60E-03	3.64E-04	8.80E-03	7.44E-04	9.91E-04	7.74E-05	1.83E-04	1.43E-05	5.28E-05	4.14E-06	1.25E-04	9.79E-06	1.94E-05	1.94E-05	1.24E+00	1.07E-01	2.16E+00	1.78E-01
2868 Gridded	9.72E-05	7.66E-06	2.12E-05	1.56E-06	1.12E-03	9.37E-05	1.18E-03	9.63E-05	1.39E-03	1.01E-04	2.62E-05	2.22E-06	4.45E-03	3.74E-04	5.33E-03	4.15E-04	8.38E-03	6.91E-04	1.13E-03	9.43E-05	2.08E-04	1.76E-05	6.01E-05	5.08E-06	1.42E-04	1.20E-05	1.77E-05	1.77E-05	8.34E-01	8.62E-02	1.82E+00	1.79E-01
2869 Gridded	1.06E-04	9.66E-06	2.34E-05	1.99E-06	1.23E-03	1.17E-04	1.27E-03	1.21E-04	1.54E-03	1.29E-04	2.90E-05	2.77E-06	4.89E-03	4.67E-04	5.82E-03	5.24E-04	9.88E-03	6.29E-04	1.24E-03	1.18E-04	2.30E-04	2.19E-05	6.65E-05	6.35E-06	1.57E-04	1.50E-05	1.99E-05	1.99E-05	6.79E-01	1.02E-01	2.11E+00	1.91E-01
2870 Gridded	1.12E-04	1.15E-05	2.45E-05	2.39E-06	1.34E-03	1.38E-04	1.39E-03	1.43E-04	1.62E-03	1.55E-04	3.15E-05	3.26E-06	5.32E-03	5.49E-04	6.09E-03	6.24E-04	1.09E-02	7.16E-04	1.35E-03	1.39E-04	2.49E-04	2.58E-05	7.22E-05	7.46E-06	1.71E-04	1.76E-05	2.46E-05	2.46E-05	8.27E-01	1.21E-01	2.34E+00	1.95E-01
2871 Gridded	1.13E-04	1.19E-05	2.46E-05	2.54E-06	1.32E-03	1.40E-04	1.38E-03	1.46E-04	1.63E-03	1.66E-04	3.10E-05	3.30E-06	5.25E-03	5.58E-04	6.16E-03	6.52E-04	1.13E-02	8.94E-04	1.33E-03	1.42E-04	2.46E-04	2.61E-05	7.11E-05	7.56E-06	1.68E-04	1.79E-05	2.81E-05	2.81E-05	8.52E-01	1.20E-01	2.11E+00	1.94E-01
2872 Gridded	1.06E-04	1.10E-05	2.38E-05	2.43E-06	1.20E-03	1.24E-04	1.26E-03	1.31E-04	1.57E-03	1.60E-04	2.80E-05	2.90E-06	4.76E-03	4.94E-04	5.82E-03	6.02E-04	1.11E-02	1.04E-03	1.21E-03	1.26E-04	2.22E-04	2.30E-05	6.42E-05	6.65E-06	1.52E-04	1.57E-05	2.94E-05	2.94E-05	7.59E-01	9.75E-02	1.60E+00	1.55E-01
2873 Gridded	9.96E-05	9.17E-06	2.24E-05	2.11E-06	1.11E-03	9.94E-05	1.18E-03	1.07E-04	1.48E-03	1.40E-04	2.58E-05	2.31E-06	4.40E-03	3.95E-04	5.49E-03	5.07E-04	1.04E-02	1.07E-03	1.12E-03	1.01E-04	2.04E-04	1.83E-05	5.92E-05	5.29E-06	1.40E-04	1.25E-05	2.79E-05	2.79E-05	6.01E-01	7.78E-02	1.13E+00	1.51E-01
2874 Gridded	9.31E-05	9.45E-06	2.08E-05	1.90E-06	1.04E-03	1.17E-04	1.10E-03	1.20E-04	1.37E-03	1.23E-04	2.43E-05	2.77E-06	4.14E-03	4.66E-04	5.12E-03	5.11E-04	9.54E-03	9.94E-04	1.06E-03	1.17E-04	1.92E-04	2.19E-05	5.57E-05	6.35E-06	1.32E-04	1.50E-05	2.46E-05	2.46E-05	5.92E-01	1.01E-01	1.41E+00	1.92E-01
2875 Gridded	8.46E-05	1.21E-05	1.88E-05	2.47E-06	9.54E-04	1.49E-04	1.01E-03	1.53E-04	1.24E-03	1.60E-04	2.23E-05	3.52E-06	3.79E-03	5.92E-04	4.65E-03	6.58E-04	8.55E-03	8.43E-04	9.66E-04	1.49E-04	1.77E-04	2.79E-05	5.11E-05	8.07E-06	1.21E-04	1.91E-05	2.40E-05	2.40E-05	5.93E-01	1.19E-01	1.29E+00	2.19E-01
2876 Gridded	7.32E-05	1.45E-05	1.62E-05	2.98E-06	8.26E-04	1.75E-04	8.74E-04	1.81E-04	1.07E-03	1.94E-04	1.93E-05	4.14E-06	3.28E-03	6.98E-04	4.02E-03	7.86E-04	7.28E-03	8.43E-04	8.37E-04	1.76E-04	1.53E-04	3.28E-05	4.43E-05	9.49E-06	1.05E-04	2.24E-05	3.01E-05	3.01E-05	6.35E-01	1.29E-01	1.54E+00	2.33E-01
2877 Gridded	7.43E-05	1.55E-05	1.51E-05	3.26E-06	9.10E-04	1.84E-04	9.36E-04	1.91E-04	9.81E-04	2.13E-04	2.16E-05	4.34E-06	3.63E-03	7.33E-04	4.03E-03	8.44E-04	6.44E-03	1.06E-03	9.16E-04	1.86E-04	1.71E-04	3.44E-05	4.94E-05	9.95E-06	1.17E-04	2.35E-05	3.48E-05	3.48E-05	6.03E-01	1.38E-01	1.34E+00	2.42E-01
2878 Gridded	8.15E-05	1.48E-05	1.69E-05	3.19E-06	9.85E-04	1.71E-04	1.02E-03	1.79E-04	1.10E-03	2.09E-04	2.33E-05	4.02E-06	3.92E-03	6.81E-04	4.43E-03	8.07E-04	6.54E-03	1.21E-03	9.92E-04	1.73E-04	1.84E-04	3.18E-05	5.33E-05	9.20E-06	1.26E-04	2.18E-05	3.64E-05	3.64E-05	5.89E-01	1.47E-01	1.11E+00	2.46E-01
2879 Gridded	4.51E-05	1.41E-05	9.34E-06	2.97E-06	5.45E-04	1.68E-04	5.63E-04	1.74E-04	6.09E-04	1.94E-04	1.29E-05	3.96E-06	2.17E-03	6.69E-04	2.45E-03	7.69E-04	3.45E-03	9.66E-04	5.49E-04	1.69E-04	1.02E-04	3.13E-05	2.95E-05	9.07E-06	6.98E-05	2.14E-05	3.17E-05	3.17E-05	1.34E+00	1.06E-01	1.17E+00	1.87E-01
2880 Gridded	5.87E-05	1.25E-05	1.22E-05	2.64E-06	7.03E-04	1.48E-04	7.28E-04	1.54E-04	7.97E-04	1.72E-04	1.66E-05	3.49E-06	2.80E-03	5.90E-04	3.19E-03	6.82E-04	3.75E-03	8.75E-04	7.08E-04	1.50E-04	1.31E-04	2.77E-05	3.80E-05	8.01E-06	8.99E-05	1.89E-05	2.84E-05	2.84E-05	1.33E+00	9.58E-02	1.64E+00	1.96E-01
2881 Gridded	7.96E-05	1.20E-05	1.54E-05	2.51E-06	1.02E-03	1.43E-04	1.03E-03	1.48E-04	9.87E-04	1.64E-04	2.43E-05	3.37E-06	4.07E-03	5.69E-04	4.28E-03	6.52E-04	5.05E-03	8.02E-04	1.02E-03	1.44E-04	1.92E-04	2.67E-05	5.57E-05	7.72E-06	1.32E-04	1.82E-05	2.66E-05	2.66E-05	1.24E+00	1.02E-01	2.27E+00	2.07E-01
2882 Gridded	1.02E-04	1.37E-05	2.03E-05	2.89E-06	1.27E-03	1.61E-04	1.30E-03	1.68E-04	1.31E-03	1.89E-04	3.01E-05	3.80E-06	5.06E-03	6.43E-04	5.49E-03	7.44E-04	6.12E-03	9.77E-04	1.27E-03	1.63E-04	2.38E-04	3.01E-05	6.90E-05	8.71E-06	1.63E-04	2.06E-05	3.14E-05	3.14E-05	1.19E+00	1.17E-01	2.89E+00	2.06E-01
2883 Gridded	9.05E-05	1.43E-05	1.93E-05	3.08E-06	1.06E-03	1.67E-04	1.11E-03	1.75E-04	1.26E-03	2.02E-04	2.50E-05	3.93E-06	4.23E-03	6.66E-04	4.94E-03	7.84E-04	7.28E-03	1.14E-03	1.07E-03	1.69E-04	1.98E-04	3.11E-05	5.73E-05	9.01E-06	1.35E-04	2.13E-05	3.47E-05	3.47E-05	1.06E+00	1.32E-01	3.30E+00	2.44E-01
2884 Gridded	1.01E-04	1.39E-05	2.19E-05	3.04E-06	1.16E-03	1.59E-04	1.22E-03	1.67E-04	1.44E-03	2.00E-04	2.73E-05	3.72E-06	4.62E-03	6.32E-04	5.52E-03	7.62E-04	8.58E-03	1.24E-03	1.17E-03	1.61E-04	2.16E-04	2.95E-05	6.25E-05	8.53E-06	1.48E-04	2.02E-05	3.59E-05	3.59E-05	7.59E-01	1.54E-01	3.07E+00	2.64E-01
2885 Gridded	1.08E-04	1.26E-05	2.35E-05	2.83E-06	1.24E-03	1.42E-04	1.30E-03	1.50E-04	1.54E-03	1.86E-04	2.90E-05	3.31E-06	4.93E-03	5.63E-04	5.91E-03	6.96E-04	9.39E-03	1.27E-03	1.25E-03	1.44E-04	2.30E-04	2.62E-05	6.65E-05	7.58E-06	1.57E-04	1.79E-05	3.49E-05	3.49E-05	7.92E-01	1.69E-01	2.13E+00	2.66E-01
2886 Gridded	1.04E-04	1.09E-05	2.29E-05	2.48E-06	1.18E-03	1.20E-04	1.25E-03	1.28E-04	1.51E-03	1.64E-04	2.77E-05	2.79E-06	4.71E-03	4.76E-04	5.71E-03	6.01E-04	9.61E-03	1.20E-03	1.20E-03	1.22E-04	2.19E-04	2.21E-05	6.35E-05	6.39E-06	1.50E-04	1.51E-05	3.18E-05	3.18E-05	7.76E-01	1.64E-01	1.32E+00	2.99E-01
2887 Gridded	1.01E-04	9.53E-06	2.08E-05	2.06E-06	1.23E-03	1.17E-04	1.27E-03	1.20E-04	1.35E-03	1.37E-04	2.92E-05	2.77E-06	4.92E-03	4.66E-04	5.51E-03	5.17E-04	8.88E-03	1.06E-03	1.24E-03	1.17E-04	2.31E-04	2.19E-05	6.69E-05	6.34E-06	1.58E-04	1.50E-05	2.74E-05	2.74E-05	9.02E-01	1.49E-01	1.50E+00	3.12E-01
2888 Gridded	1.08E-04	9.00E-06	2.25E-05	1.85E-06	1.30E-03	1.09E-04	1.34E-03	1.13E-04	1.47E-03	1.20E-04	3.06E-05	2.59E-06	5.16E-03	4.36E-04	5.88E-03	4.88E-04	8.01E-03	8.76E-04	1.31E-03	1.10E-04	2.42E-04	2.05E-05	7.01E-05	5.93E-06	1.66E-04	1.40E-05	2.21E-05	2.21E-05	1.05E+00	1.33E-01	1.88E+00	2.71E-01
2889 Gridded	9.87E-05	8.85E-06	2.10E-05	1.80E-06	1.16E-03	1.08E-04	1.21E-03	1.11E-04	1.37E-03	1.17E-04	2.74E-05	2.57E-06	4.64E-03	4.32E-04	5.38E-03	4.80E-04	7.66E-03	6.65E-04	1.17E-03	1.09E-04	2.17E-04	2.03E-05	6.28E-05	5.88E-06	1.48E-04	1.39E-05	1.87E-05	1.87E-05	1.13E+00	1.24E-01	2.02E+00	2.14E-01
2890 Gridded	8.74E-05	1.11E-05	1.76E-05	2.28E-06	1.08E-03	1.35E-04	1.11E-03	1.39E-04	1.15E-03	1.48E-04	2.56E-05	3.19E-06	4.30E-03	5.38E-04	4.73E-03	6.03E-04	6.89E-03	6.26E-04	1.08E-03	1.36E-04	2.02E-04	2.53E-05	5.86E-05	7.32E-06	1.38E-04	1.73E-05	2.28E-05	2.28E-05	1.03E+00	1.19E-01	2.08E+00	1.81E-01
2891 Gridded	1.24E-04	1.28E-05	2.56E-05	2.67E-06	1.50E-03	1.54E-04	1.55E-03	1.59E-04	1.67E-03	1.74E-04	3.56E-05	3.63E-06	6.00E-03	6.12E-04	6.75E-03	6.97E-04	7.23E-03	8.14E-04	1.52E-03	1.55E-04	2.82E-04	2.87E-05	8.15E-05	8.31E-06	1.93E-04	1.96E-05	2.78E-05	2.78E-05	8.06E-01	1.28E-01	1.87E+00	2.07E-01
2892 Gridded	1.49E-04	1.39E-05	3.15E-05	2.93E-06	1.75E-03	1.65E-04	1.82E-03	1.71E-04	2.06E-03	1.92E-04	4.13E-05	3.88E-06	6.98E-03	6.55E-04	8.10E-03	7.57E-04	1.08E-02	9.77E-04	1.77E-03	1.66E-04	3.27E-04	3.07E-05	9.46E-05	8.89E-06	2.24E-04	2.10E-05	3.16E-05	3.16E-05	7.35E-01	1.29E-01	1.59E+00	2.22E-01
2893 Gridded	1.49E-04	1.40E-05	3.27E-05	3.00E-06	1.69E-03	1.64E-04	1.78E-03	1.71E-04	2.15E-03	1.96E-04	3.96E-05	3.85E-06	6.73E-03	6.53E-04	8.15E-03	7.65E-04	1.36E-02	1.08E-03	1.71E-03	1.66E-04	3.14E-04	3.05E-05	9.08E-05	8.83E-06	2.15E-04	2.09E-05	3.35E-05	3.35E-05	1.12E+00	1.28E-01	2.54E+00	2.33E-01
2894 Gridded	1.24E-04	1.31E-05	2.85E-05	2.84E-06	1.34E-03	1.50E-04	1.44E-03	1.58E-04	1.89E-03	1.87E-04	3.11E-05	3.52E-06	5.32E-03	5.97E-04	6.84E-03	7.15E-04	1.45E-02	1.13E-03	1.36E-03	1.52E-04	2.46E-04	2.79E-05	7.13E-05	8.07E-06	1.69E-04	1.91E-05	3.31E-05	3.31E-05	1.57E+00	1.23E-01	3.75E+00	2.32E-01
2895 Gridded	9.36E-05	1.11E-05	2.08E-05	2.48E-06	1.18E-03	1.25E-04	1.20E-03	1.32E-04	1.39E-03	1.63E-04	2.81E-05	2.92E-06	4.71E-03	4.97E-04	5.04E-03	6.11E-04	1.28E-02	1.09E-03	1.18E-03	1.27E-04	2.22E-04	2.31E-05	6.43E-05	6.69E-06	1.52E-04	1.58E-05	3.04E-05	3.04E-05	1.93E+00	1.37E-01	4.63E+00	2.56E-01
2896 Gridded	1.02E-04	8.46E-06	2.10E-05	1.94E-06	1.24E-03	9.49E-05	1.28E-03	9.91E-05	1.36E-03	1.29E-04	2.93E-05	2.23E-06	4.94E-03	3.78E-04	5.54E-03	4.67E-04	9.33E-03	9.74E-04	1.25E-03	9.58E-05	2.32E-04	1.77E-05	6.71E-05	5.11E-06	1.59E-04	1.21E-05	2.54E-05	2.54E-05	2.02E+00	1.45E-01	4.53E+00	2.58E-01
2897 Gridded	9.24E-05	7.71E-06	2.01E-05	1.64E-06	1.06E-03	9.04E-05	1.11E-03	9.43E-05	1.32E-03	1.08E-04	2.49E-05	2.13E-06	4.22E-03	3.60E-04	5.06E-03	4.21E-04	8.05E-03	7.92E-04	1.07E-03	9.12E-05	1.97E-04	1.68E-05	5.70E-05	4.87E-06	1.35E-04	1.15E-05	2.08E-05	2.08E-05	1.77E+00	1.33E-01	3.52E+00	2.22E-01
2898 Gridded	9.13E-05	7.35E-06	1.96E-05	1.59E-06	1.07E-03	8.82E-05	1.12E-03	9.06E-05	1.28E-03	1.04E-04	2.51E-05	2.09E-06	4.25E-03	3.52E-04	4.99E-03	4.02E-04	8.75E-03	7.41E-04	1.08E-03	8.87E-05	1.99E-04	1.65E-05	5.75E-05	4.79E-06	1.36E-04	1.13E-05	1.92E-05	1.92E-05	1.31E+00	1.09E-01	2.30E+00	1.76E-01
2899 Gridded	1.04E-04	8.49E-06	2.27E-05	1.72E-06	1.20E-03	1.05E-04	1.26E-03	1.07E-04	1.49E-03	1.11E-04	2.81E-05	2.48E-06	4.76E-03	4.17E-04	5.70E-03	4.60E-04	9.00E-03	6.81E-04	1.21E-03	1.05E-04	2.22E-04	1.96E-05	6.43E-05	5.68E-06	1.52E-04	1.34E-05	1.73E-05	1.73E-05	8.46E-01	9.40E-02	2.31E+00	1.92E-01
2900 Gridded	1.12E-04	1.09E-05	2.47E-05	2.23E-06	1.29E-03	1.33E-04	1.34E-03	1.37E-04	1.62E-03	1.45E-04	3.04E-05	3.14E-06	5.13E-03	5.28E-04	6.13E-03	5.90E-04	1.05E-02	6.64E-04	1.30E-03	1.33E-04	2.41E-04	2.48E-05	6.97E-05	7.19E-06	1.65E-04	1.70E-05	2.20E-05	2.20E-05	7.90E-01	1.18E-01	2.67E+00	2.20E-01
2901 Gridded	1.15E-04	1.25E-05	2.56E-05	2.61E-06	1.36E-03	1.50E-04	1.41E-03	1.55E-04	1.69E-03	1.70E-04	3.20E-05	3.53E-06	5.41E-03	5.96E-04	6.29E-03	6.80E-04	1.15E-02	8.03E-04	1.37E-03	1.51E-04	2.53E-04	2.80E-05	7.33E-05	8.09E-06	1.73E-04	1.91E-05	2.72E-05	2.72E-05	9.42E-01	1.33E-01	2.82E+00	2.28E-01
2902 Gridded	1.13E-04	1.23E-05	2.53E-05	2.66E-06	1.31E-03	1.42E-04	1.37E-03	1.49E-04	1.67E-03	1.74E-04	3.07E-05	3.33E-06	5.20E-03	5.64E-04	6.20E-03	6.71E-04	1.17E-02	1.02E-03	1.32E-03	1.43E-04	2.43E-04	2.64E-05	7.04E-05	7.63E-06	1.66E-04	1.80E-05	3.05E-05	3.05E-05	9.34E-01	1.18E-01	2.39E+00	2.01E-01
2903 Gridded	1.07E-04	1.05E-05	2.41E-05	2.40E-06	1.18E-03	1.16E-04	1.26E-03	1.24E-04	1.59E-03	1.58E-04	2.76E-05	2.70E-06	4.71E-03	4.61E-04	5.89E-03	5.82E-04	1.13E-02	1.15E-03	1.20E-03	1.18E-04	2.18E-04	2.14E-05	6.32E-05	6.19E-06	1.49E-04	1.46E-05	3.07E-05	3.07E-05	7.92E-01	8.81E-02	1.68E+00	1.57E-01
2904 Gridded	9.75E-05	9.36E-06	2.20E-05	1.97E-06	1.08E-03	1.14E-04	1.15E-03	1.17E-04	1.45E-03	1.31E-04	2.52E-05	2.69E-06	4.30E-03	4.53E-04	5.37E-03	5.08E-04	1.03E-02	1.11E-03	1.10E-03	1.14E-04	1.99E-04	2.13E-05	5.77E-05	6.16E-06	1.36E-04	1.46E-05	2.75E-05	2.75E-05	5.90E-01	9.98E-02	1.29E+00	1.94E-01
2905 Gridded	8.71E-05	1.18E-05	1.96E-05	2.37E-06	9.69E-04	1.46E-04	1.03E-03	1.49E-04	1.29E-03	1.53E-04	2.26E-05	3.46E-06	3.85E-03	5.81E-04	4.79E-03	6.37E-04	9.38E-03	9.45E-04	9.82E-04	1.46E-04	1.79E-04	2.74E-05	5.17E-05	7.92E-06	1.22E-04	1.87E-05	2.27E-05	2.27E-05	5.68E-01	1.17E-01	1.21E+00	2.18E-01
2906 Gridded	7.93E-05	1.47E-05	1.73E-05	3.00E-06	9.12E-04	1.79E-04	9.58E-04	1.84E-04	1.13E-03	1.95E-04	2.14E-05	4.24E-06	3.63E-03	7.14E-04	4.34E-03	7.96E-04	8.18E-03	8.29E-04	9.22E-04	1.80E-04	1.69E-04	3.35E-05	4.90E-05	9.71E-06	1.16E-04	2.30E-05	2.95E-05	2.95E-05	6.08E-01	1.36E-01	1.50E+00	2.45E-01
2907 Gridded	7.63E-05	1.61E-05	1.65E-05	3.37E-06	9.37E-04	1.93E-04	9.63E-04	2.00E-04	1.09E-03	2.20E-04	2.22E-05	4.55E-06	3.74E-03	7.67E-04	4.13E-03	8.77E-04	7.10E-03	1.05E-03	9.43E-04	1.94E-04	1.76E-04	3.60E-05	5.09E-05	1.04E-05	1.20E-04	2.46E-05	3.54E-05	3.54E-05	5.95E-01	1.50E-01	1.37E+00	2.51E-01
2908 Gridded	8.73E-05	1.56E-05	1.80E-05	3.36E-06	1.06E-03	1.81E-04	1.09E-03	1.89E-04	1.17E-03	2.20E-04	2.50E-05	4.24E-06	4.22E-03	7.19E-04	4.74E-03	8.51E-04	7.03E-03	1.27E-03	1.07E-03	1.83E-04	1.98E-04	3.36E-05	5.74E-05	9.72E-06	1.36E-04	2.30E-05	3.83E-05	3.83E-05	6.22E-01	1.57E-01	1.20E+00	2.66E-01
2909 Gridded	9.23E-05	1.56E-05	1.93E-05	3.28E-06	1.10E-03	1.86E-04	1.14E-03	1.93E-04	1.26E-03	2.14E-04	2.60E-05	4.39E-06	4.39E-03	7.41E-04	5.02E-03	8.50E-04	6.90E-03	1.33E-03	1.11E-03	1.88E-04	2.06E-04	3.48E-05	5.96E-05	1.01E-05	1.41E-04	2.38E-05	3.70E-05	3.70E-05	6.34E-01	1.66E-01	1.44E+00	2.62E-01
2910 Gridded	5.33E-05	1.60E-05	1.11E-05	3.34E-06	6.42E-04	1.92E-04	6.64E-04	1.99E-04	7.21E-04	2.18E-04	1.52E-05	4.54E-06	2.56E-03	7.66E-04	2.90E-03	8.72E-04	3.29E-03	1.07E-03	6.46E-04	1.94E-04	1.20E-04	3.59E-05	3.47E-05	1.04E-05	8.21E-05	2.46E-05	3.47E-05	3.47E-05	8.95E-01	1.29E-01	1.75E+00	1.95E-01
2911 Gridded	4.98E-05	1.51E-05	1.05E-05	3.16E-06	6.05E-04	1.81E-04	6.22E-04	1.88E-04	6.82E-04	2.06E-04	1.43E-05	4.28E-06	2.41E-03	7.23E-04	2.71E-03	8.24E-04	3.45E-03	9.73E-04	6.08E-04	1.83E-04	1.13E-04	3.39E-05	3.28E-05	9.81E-06	7.75E-05	2.32E-05	3.30E-05	3.30E-05	1.15E+00	1.24E-01	1.58E+00	1.79E-01
2912 Gridded	6.92E-05	1.41E-05	1.43E-05	2.95E-06	8.36E-04	1.69E-04	8.63E-04	1.75E-04	9.30E-04	1.92E-04	1.98E-05	3.98E-06	3.33E-03	6.72E-04	3.76E-03	7.67E-04	4.10E-03	9.13E-04	8.42E-04	1.70E-04	1.56E-04	3.15E-05	4.53E-05	9.13E-06	1.07E-04	2.16E-05	3.08E-05	3.08E-05	1.23E+00	1.15E-01	1.26E+00	1.93E-01
2913 Gridded	8.18E-05	1.32E-05	1.73E-05	2.75E-06	9.69E-04	1.58E-04	1.01E-03	1.64E-04	1.13E-03	1.79E-04	2.28E-05	3.74E-06	3.86E-03	6.31E-04	4.46E-03	7.19E-04	5.74E-03	8.43E-04	9.77E-04	1.60E-04	1.81E-04	2.96E-05	5.23E-05	8.57E-06	1.24E-04	2.03E-05	2.86E-05	2.86E-05	1.21E+00	1.05E-01	1.89E+00	2.12E-01
2914 Gridded	7.88E-05	1.53E-05	1.71E-05	3.24E-06	9.54E-04	1.82E-04	9.78E-04	1.89E-04	1.12E-03	2.11E-04	2.26E-05	4.28E-06	3.81E-03	7.24E-04	4.30E-03	8.35E-04	6.81E-03	1.07E-03	9.60E-04	1.83E-04	1.79E-04	3.39E-05	5.19E-05	9.81E-06	1.23E-04	2.32E-05	3.48E-05	3.48E-05	1.20E+00	1.26E-01	2.65E+00	2.15E-01
2915 Gridded	1.00E-04	1.60E-05	2.15E-05	3.44E-06	1.17E-03	1.86E-04	1.22E-03	1.95E-04	1.41E-03	2.25E-04	2.74E-05	4.37E-06	4.64E-03	7.40E-04	5.46E-03	8.74E-04	7.87E-03	1.28E-03	1.18E-03	1.88E-04	2.17E-04	3.46E-05	6.28E-05	1.00E-05	1.49E-04	2.37E-05	3.90E-05	3.90E-05	1.03E+00	1.34E-01	3.19E+00	2.49E-01
2916 Gridded	1.19E-04	1.52E-05	2.56E-05	3.35E-06	1.38E-03	1.72E-04	1.45E-03	1.82E-04	1.68E-03	2.20E-04	3.25E-05	4.03E-06	5.51E-03	6.85E-04	6.51E-03	8.33E-04	9.56E-03	1.41E-03	1.40E-03	1.74E-04	2.57E-04	3.19E-05	7.45E-05	9.24E-06	1.76E-04	2.18E-05	4.02E-05	4.02E-05	6.95E-01	1.51E-01	2.98E+00	2.77E-01
2917 Gridded	1.26E-04	1.34E-05	2.75E-05	3.02E-06	1.45E-03	1.49E-04	1.53E-03	1.58E-04	1.80E-03	2.00E-04	3.41E-05	3.47E-06	5.78E-03	5.91E-04	6.91E-03	7.39E-04	1.08E-02	1.41E-03	1.47E-03	1.51E-04	2.70E-04	2.75E-05	7.81E-05	7.95E-06	1.85E-04	1.88E-05	3.81E-05	3.81E-05	7.47E-01	1.65E-01	2.06E+00	2.74E-01
2918 Gridded	1.13E-04	1.12E-05	2.51E-05	2.57E-06	1.27E-03	1.22E-04	1.35E-03	1.31E-04	1.65E-03	1.70E-04	2.98E-05	2.84E-06	5.06E-03	4.86E-04	6.21E-03	6.19E-04	1.09E-02	1.28E-03	1.29E-03	1.24E-04	2.36E-04	2.25E-05	6.82E-05	6.51E-06	1.61E-04	1.54E-05	3.35E-05	3.35E-05	8.13E-01	1.60E-01	1.32E+00	2.96E-01
2919 Gridded	1.13E-04	9.12E-06	2.33E-05	2.05E-06	1.38E-03	1.11E-04	1.42E-03	1.15E-04	1.51E-03	1.36E-04	3.26E-05	2.63E-06	5.50E-03	4.43E-04	6.15E-03	4.95E-04	9.26E-03	1.07E-03	1.39E-03	1.12E-04	2.58E-04	2.08E-05	7.48E-05	6.03E-06	1.77E-04	1.43E-05	2.74E-05	2.74E-05	1.02E+00	1.42E-01	1.45E+00	2.93E-01
2920 Gridded	1.09E-04	8.53E-06	2.28E-05	1.77E-06	1.30E-03	1.03E-04	1.35E-03	1.06E-04	1.49E-03	1.15E-04	3.07E-05	2.43E-06	5.19E-03	4.10E-04	5.93E-03	4.63E-04	8.53E-03	8.22E-04	1.31E-03	1.04E-04	2.43E-04	1.92E-05	7.04E-05	5.57E-06	1.67E-04	1.32E-05	2.08E-05	2.08E-05	1.19E+00	1.31E-01	1.92E+00	2.40E-01
2921 Gridded	8.66E-05	1.08E-05	1.84E-05	2.21E-06	1.02E-03	1.33E-04	1.06E-03	1.36E-04	1.21E-03	1.43E-04	2.39E-05	3.14E-06	4.05E-03	5.28E-04	4.73E-03	5.87E-04	8.04E-03	5.96E-04	1.03E-03	1.33E-04	1.90E-04	2.48E-05	5.49E-05	7.19E-06	1.30E-04	1.70E-05	2.15E-05	2.15E-05	1.18E+00	1.28E-01	2.28E+00	1.98E-01
2922 Gridded	1.10E-04	1.32E-05	2.24E-05	2.71E-06	1.34E-03	1.60E-04	1.38E-03	1.65E-04	1.45E-03	1.76E-04	3.18E-05	3.77E-06	5.35E-03	6.36E-04	5.95E-03	7.15E-04	7.04E-03	7.60E-04	1.35E-03	1.61E-04	2.52E-04	2.99E-05	7.29E-05	8.65E-06	1.72E-04	2.04E-05	2.73E-05	2.73E-05	1.00E+00	1.37E-01	2.19E+00	1.93E-01

Scenario 1 Results

2923	Gridded	1.40E-04	1.50E-05	2.93E-05	3.12E-06	1.67E-03	1.79E-04	1.73E-03	1.86E-04	1.91E-03	2.03E-04	3.93E-05	4.24E-06	6.63E-03	7.15E-04	7.60E-03	8.14E-04	9.29E-03	9.55E-04	1.68E-03	1.81E-04	3.11E-04	3.35E-05	9.00E-05	9.71E-06	2.13E-04	2.29E-05	3.25E-05	3.25E-05	9.03E-01	1.44E-01	1.53E+00	2.27E-01
2924	Gridded	1.45E-04	1.56E-05	3.15E-05	3.30E-06	1.66E-03	1.85E-04	1.75E-03	1.93E-04	2.07E-03	2.16E-04	3.90E-05	4.36E-06	6.62E-03	7.37E-04	7.92E-03	8.52E-04	1.25E-02	1.10E-03	1.68E-03	1.87E-04	3.09E-04	3.45E-05	8.94E-05	1.00E-05	2.11E-04	2.36E-05	3.57E-05	3.57E-05	1.16E+00	1.44E-01	2.63E+00	2.42E-01
2925	Gridded	1.21E-04	1.47E-05	2.77E-05	3.17E-06	1.31E-03	1.71E-04	1.41E-03	1.79E-04	1.83E-03	2.08E-04	3.05E-05	4.02E-06	5.21E-03	6.80E-04	6.66E-03	8.05E-04	1.38E-02	1.19E-03	1.33E-03	1.73E-04	2.42E-04	3.18E-05	6.99E-05	9.20E-06	1.65E-04	2.18E-05	3.60E-05	3.60E-05	1.79E+00	1.41E-01	4.48E+00	2.48E-01
2926	Gridded	9.54E-05	1.23E-05	1.98E-05	2.72E-06	1.22E-03	1.39E-04	1.23E-03	1.47E-04	1.32E-03	1.79E-04	2.90E-05	3.24E-06	4.86E-03	5.51E-04	5.13E-03	6.75E-04	1.24E-02	1.18E-03	1.22E-03	1.40E-04	2.30E-04	2.57E-05	6.65E-05	7.43E-06	1.57E-04	1.76E-05	3.31E-05	3.31E-05	2.27E+00	1.54E-01	5.96E+00	3.08E-01
2927	Gridded	1.04E-04	8.96E-06	2.10E-05	2.06E-06	1.27E-03	1.05E-04	1.31E-03	1.09E-04	1.36E-03	1.37E-04	3.02E-05	2.48E-06	5.08E-03	4.20E-04	5.62E-03	4.95E-04	8.93E-03	1.05E-03	1.28E-03	1.06E-04	2.39E-04	1.97E-05	6.92E-05	5.69E-06	1.64E-04	1.35E-05	2.72E-05	2.72E-05	2.35E+00	1.60E-01	5.75E+00	3.01E-01
2928	Gridded	8.96E-05	8.80E-06	1.94E-05	1.87E-06	1.04E-03	1.04E-04	1.09E-03	1.08E-04	1.27E-03	1.22E-04	2.43E-05	2.44E-06	4.12E-03	4.13E-04	4.91E-03	4.80E-04	7.50E-03	8.28E-04	1.05E-03	1.05E-04	1.92E-04	1.93E-05	5.57E-05	5.59E-06	1.32E-04	1.32E-05	2.05E-05	2.05E-05	1.98E+00	1.41E-01	4.10E+00	2.36E-01
2929	Gridded	1.01E-04	8.95E-06	2.17E-05	1.81E-06	1.19E-03	1.10E-04	1.24E-03	1.13E-04	1.42E-03	1.17E-04	2.80E-05	2.61E-06	4.74E-03	4.40E-04	5.54E-03	4.84E-04	8.12E-03	7.27E-04	1.20E-03	1.11E-04	2.22E-04	2.07E-05	6.42E-05	5.99E-06	1.52E-04	1.42E-05	2.03E-05	2.03E-05	1.39E+00	1.12E-01	2.36E+00	1.97E-01
2930	Gridded	1.13E-04	9.78E-06	2.47E-05	2.03E-06	1.30E-03	1.18E-04	1.37E-03	1.22E-04	1.62E-03	1.32E-04	3.05E-05	2.81E-06	5.17E-03	4.72E-04	6.19E-03	5.32E-04	9.83E-03	6.63E-04	1.31E-03	1.19E-04	2.41E-04	2.22E-05	6.98E-05	6.44E-06	1.65E-04	1.52E-05	2.06E-05	2.06E-05	9.30E-01	1.08E-01	2.86E+00	2.17E-01
2931	Gridded	1.17E-04	1.21E-05	2.61E-05	2.47E-06	1.37E-03	1.48E-04	1.41E-03	1.52E-04	1.72E-03	1.60E-04	3.23E-05	3.49E-06	5.45E-03	5.88E-04	6.46E-03	6.56E-04	1.14E-02	7.13E-04	1.38E-03	1.48E-04	2.56E-04	2.76E-05	7.40E-05	8.00E-06	1.75E-04	1.89E-05	2.43E-05	2.43E-05	9.79E-01	1.38E-01	3.51E+00	2.73E-01
2932	Gridded	1.17E-04	1.30E-05	2.62E-05	2.74E-06	1.37E-03	1.54E-04	1.43E-03	1.60E-04	1.73E-03	1.79E-04	3.23E-05	3.62E-06	5.47E-03	6.12E-04	6.41E-03	7.07E-04	1.21E-02	9.13E-04	1.39E-03	1.55E-04	2.56E-04	2.87E-05	7.41E-05	8.30E-06	1.75E-04	1.96E-05	2.96E-05	2.96E-05	1.12E+00	1.41E-01	3.51E+00	2.71E-01
2933	Gridded	1.12E-04	1.19E-05	2.53E-05	2.64E-06	1.27E-03	1.35E-04	1.33E-03	1.42E-04	1.67E-03	1.74E-04	2.96E-05	3.15E-06	5.03E-03	5.36E-04	6.15E-03	6.54E-04	1.20E-02	1.13E-03	1.28E-03	1.36E-04	2.35E-04	2.49E-05	6.79E-05	7.22E-06	1.60E-04	1.71E-05	3.20E-05	3.20E-05	1.02E+00	1.12E-01	2.67E+00	2.21E-01
2934	Gridded	1.04E-04	1.04E-05	2.36E-05	2.27E-06	1.16E-03	1.27E-04	1.23E-03	1.31E-04	1.56E-03	1.51E-04	2.69E-05	3.01E-06	4.59E-03	5.07E-04	5.76E-03	5.64E-04	1.11E-02	1.20E-03	1.17E-03	1.28E-04	2.13E-04	2.39E-05	6.17E-05	6.90E-06	1.46E-04	1.63E-05	3.06E-05	3.06E-05	7.90E-01	1.01E-01	1.65E+00	1.98E-01
2935	Gridded	9.36E-05	1.19E-05	2.11E-05	2.43E-06	1.04E-03	1.44E-04	1.10E-03	1.49E-04	1.40E-03	1.58E-04	2.42E-05	3.43E-06	4.12E-03	5.75E-04	5.16E-03	6.43E-04	9.99E-03	1.08E-03	1.05E-03	1.45E-04	1.91E-04	2.71E-05	5.54E-05	7.86E-06	1.31E-04	1.86E-05	2.60E-05	2.60E-05	5.54E-01	1.20E-01	1.23E+00	2.33E-01
2936	Gridded	8.68E-05	1.44E-05	1.86E-05	2.91E-06	1.01E-03	1.77E-04	1.06E-03	1.81E-04	1.22E-03	1.89E-04	2.38E-05	4.19E-06	4.02E-03	7.05E-04	4.74E-03	7.79E-04	8.97E-03	8.63E-04	1.02E-03	1.78E-04	1.88E-04	3.32E-05	5.45E-05	9.60E-06	1.29E-04	2.27E-05	2.87E-05	2.87E-05	5.80E-01	1.43E-01	1.42E+00	2.57E-01
2937	Gridded	8.39E-05	1.60E-05	1.84E-05	3.33E-06	9.58E-04	1.92E-04	1.01E-03	1.99E-04	1.21E-03	2.17E-04	2.27E-05	4.54E-06	3.81E-03	7.66E-04	4.60E-03	8.70E-04	7.61E-03	1.05E-03	9.69E-04	1.94E-04	1.80E-04	3.59E-05	5.21E-05	1.04E-05	1.23E-04	2.46E-05	3.45E-05	3.45E-05	5.71E-01	1.59E-01	1.30E+00	2.54E-01
2938	Gridded	8.92E-05	1.55E-05	1.83E-05	3.34E-06	1.08E-03	1.86E-04	1.12E-03	1.92E-04	1.19E-03	2.19E-04	2.56E-05	4.40E-06	4.32E-03	7.41E-04	4.84E-03	8.50E-04	7.70E-03	1.24E-03	1.09E-03	1.87E-04	2.03E-04	3.48E-05	5.87E-05	1.01E-05	1.39E-04	2.38E-05	3.78E-05	3.78E-05	6.09E-01	1.57E-01	1.23E+00	2.66E-01
2939	Gridded	9.76E-05	1.58E-05	2.04E-05	3.31E-06	1.17E-03	1.89E-04	1.21E-03	1.96E-04	1.33E-03	2.16E-04	2.75E-05	4.46E-06	4.65E-03	7.53E-04	5.31E-03	8.58E-04	7.28E-03	1.34E-03	1.18E-03	1.90E-04	2.18E-04	3.53E-05	6.31E-05	1.02E-05	1.49E-04	2.42E-05	3.74E-05	3.74E-05	6.28E-01	1.73E-01	1.52E+00	2.71E-01
2940	Gridded	1.10E-04	1.69E-05	2.29E-05	3.54E-06	1.32E-03	2.01E-04	1.37E-03	2.08E-04	1.49E-03	2.31E-04	3.13E-05	4.74E-06	5.27E-03	8.00E-04	5.99E-03	9.18E-04	8.21E-03	1.28E-03	1.33E-03	2.02E-04	2.47E-04	3.75E-05	7.16E-05	1.09E-05	1.69E-04	2.57E-05	3.78E-05	3.78E-05	7.39E-01	1.76E-01	1.52E+00	2.65E-01
2941	Gridded	5.42E-05	1.59E-05	1.12E-05	3.32E-06	6.55E-04	1.93E-04	6.77E-04	1.99E-04	7.28E-04	2.17E-04	1.55E-05	4.57E-06	2.61E-03	7.70E-04	2.95E-03	8.66E-04	3.34E-03	1.07E-03	6.60E-04	1.94E-04	1.23E-04	3.61E-05	3.55E-05	1.05E-05	8.39E-05	2.47E-05	3.53E-05	3.53E-05	6.42E-01	1.47E-01	2.20E+00	2.05E-01
2942	Gridded	5.68E-05	1.68E-05	1.17E-05	3.46E-06	6.88E-04	2.03E-04	7.10E-04	2.10E-04	7.62E-04	2.25E-04	1.63E-05	4.80E-06	2.74E-03	8.09E-04	3.09E-03	9.11E-04	3.38E-03	1.04E-03	6.92E-04	2.04E-04	1.29E-04	3.80E-05	3.73E-05	1.10E-05	8.81E-05	2.60E-05	3.49E-05	3.49E-05	5.69E-01	1.42E-01	2.18E+00	2.02E-01
2943	Gridded	5.57E-05	1.69E-05	1.16E-05	3.49E-06	6.71E-04	2.04E-04	6.94E-04	2.11E-04	7.52E-04	2.27E-04	1.59E-05	4.83E-06	2.67E-03	8.14E-04	3.03E-03	9.17E-04	3.41E-03	9.98E-04	6.76E-04	2.06E-04	1.26E-04	3.82E-05	3.63E-05	1.11E-05	8.59E-05	2.61E-05	3.54E-05	3.54E-05	6.99E-01	1.47E-01	2.01E+00	1.90E-01
2944	Gridded	7.27E-05	1.63E-05	1.50E-05	3.38E-06	8.81E-04	1.97E-04	9.09E-04	2.03E-04	9.72E-04	2.20E-04	2.08E-05	4.65E-06	3.51E-03	7.83E-04	3.94E-03	8.86E-04	4.17E-03	9.85E-04	8.87E-04	1.98E-04	1.65E-04	3.68E-05	4.78E-05	1.06E-05	1.13E-04	2.52E-05	3.45E-05	3.45E-05	1.01E+00	1.45E-01	1.68E+00	1.99E-01
2945	Gridded	8.62E-05	1.48E-05	1.82E-05	3.08E-06	1.02E-03	1.77E-04	1.06E-03	1.83E-04	1.19E-03	2.01E-04	2.41E-05	4.18E-06	4.08E-03	7.05E-04	4.70E-03	8.04E-04	5.97E-03	9.50E-04	1.03E-03	1.78E-04	1.91E-04	3.31E-05	5.53E-05	9.57E-06	1.31E-04	2.26E-05	3.22E-05	3.22E-05	1.17E+00	1.34E-01	1.31E+00	2.09E-01
2946	Gridded	9.07E-05	1.66E-05	1.93E-05	3.52E-06	1.07E-03	1.97E-04	1.11E-03	2.05E-04	1.26E-03	2.30E-04	2.51E-05	4.63E-06	4.25E-03	7.83E-04	4.95E-03	9.06E-04	7.26E-03	1.18E-03	1.08E-03	1.98E-04	1.99E-04	3.67E-05	5.75E-05	1.06E-05	1.36E-04	2.51E-05	3.81E-05	3.81E-05	1.15E+00	1.30E-01	2.04E+00	2.11E-01
2947	Gridded	1.19E-04	1.73E-05	2.54E-05	3.73E-06	1.40E-03	2.00E-04	1.46E-03	2.10E-04	1.66E-03	2.45E-04	3.29E-05	4.69E-06	5.57E-03	7.96E-04	6.51E-03	9.44E-04	9.03E-03	1.43E-03	1.41E-03	2.02E-04	2.60E-04	3.72E-05	7.54E-05	1.08E-05	1.78E-04	2.54E-05	4.28E-05	4.28E-05	9.31E-01	1.41E-01	2.74E+00	2.53E-01
2948	Gridded	1.38E-04	1.62E-05	2.98E-05	3.58E-06	1.60E-03	1.84E-04	1.68E-03	1.94E-04	1.95E-03	2.36E-04	3.76E-05	4.29E-06	6.37E-03	7.30E-04	7.54E-03	8.90E-04	1.13E-02	1.53E-03	1.62E-03	1.86E-04	2.97E-04	3.40E-05	8.61E-05	9.84E-06	2.04E-04	2.33E-05	4.32E-05	4.32E-05	7.39E-01	1.47E-01	2.84E+00	3.02E-01
2949	Gridded	1.34E-04	1.41E-05	2.95E-05	3.16E-06	1.53E-03	1.57E-04	1.61E-03	1.67E-04	1.94E-03	2.09E-04	3.57E-05	3.65E-06	6.07E-03	6.23E-04	7.36E-03	7.75E-04	1.24E-02	1.46E-03	1.54E-03	1.59E-04	2.83E-04	2.89E-05	8.19E-05	8.37E-06	1.94E-04	1.98E-05	3.97E-05	3.97E-05	6.79E-01	1.59E-01	1.87E+00	3.12E-01
2950	Gridded	1.09E-04	1.14E-05	2.42E-05	2.60E-06	1.34E-03	1.26E-04	1.38E-03	1.34E-04	1.60E-03	1.72E-04	3.19E-05	2.92E-06	5.36E-03	4.99E-04	5.92E-03	6.31E-04	1.12E-02	1.26E-03	1.35E-03	1.27E-04	2.52E-04	2.31E-05	7.30E-05	6.69E-06	1.73E-04	1.58E-05	3.35E-05	3.35E-05	9.07E-01	1.50E-01	1.49E+00	2.88E-01
2951	Gridded	1.15E-04	9.08E-06	2.35E-05	1.97E-06	1.40E-03	1.10E-04	1.45E-03	1.13E-04	1.52E-03	1.31E-04	3.33E-05	2.60E-06	5.60E-03	4.38E-04	6.23E-03	4.93E-04	9.49E-03	1.01E-03	1.41E-03	1.11E-04	2.63E-04	2.06E-05	7.62E-05	5.96E-06	1.80E-04	1.41E-05	2.61E-05	2.61E-05	1.18E+00	1.37E-01	1.68E+00	2.60E-01
2952	Gridded	9.96E-05	1.02E-05	2.10E-05	2.06E-06	1.20E-03	1.25E-04	1.24E-03	1.29E-04	1.38E-03	1.33E-04	2.84E-05	2.97E-06	4.79E-03	5.00E-04	5.41E-03	5.51E-04	9.48E-03	7.12E-04	1.21E-03	1.26E-04	2.25E-04	2.35E-05	6.52E-05	6.81E-06	1.54E-04	1.61E-05	1.96E-05	1.96E-05	1.33E+00	1.37E-01	2.34E+00	2.13E-01
2953	Gridded	9.33E-05	1.32E-05	1.87E-05	2.68E-06	1.16E-03	1.61E-04	1.18E-03	1.66E-04	1.21E-03	1.74E-04	2.75E-05	3.81E-06	4.61E-03	6.42E-04	5.05E-03	7.14E-04	8.68E-03	6.91E-04	1.16E-03	1.62E-04	2.17E-04	3.02E-05	6.29E-05	8.74E-06	1.49E-04	2.07E-05	2.61E-05	2.61E-05	1.18E+00	1.40E-01	2.55E+00	1.95E-01
2954	Gridded	1.31E-04	1.58E-05	2.69E-05	3.25E-06	1.58E-03	1.91E-04	1.63E-03	1.97E-04	1.75E-03	2.11E-04	3.74E-05	4.52E-06	6.31E-03	7.62E-04	7.09E-03	8.56E-04	7.55E-03	9.10E-04	1.59E-03	1.92E-04	2.96E-04	3.58E-05	8.58E-05	1.04E-05	2.03E-04	2.45E-05	3.27E-05	3.27E-05	1.16E+00	1.55E-01	2.14E+00	2.16E-01
2955	Gridded	1.42E-04	1.72E-05	3.05E-05	3.59E-06	1.66E-03	2.06E-04	1.73E-03	2.13E-04	2.00E-03	2.34E-04	3.90E-05	4.86E-06	6.61E-03	8.20E-04	7.77E-03	9.35E-04	1.12E-02	1.11E-03	1.68E-03	2.07E-04	3.09E-04	3.85E-05	8.94E-05	1.11E-05	2.11E-04	2.63E-05	3.75E-05	3.75E-05	1.18E+00	1.58E-01	2.37E+00	2.41E-01
2956	Gridded	1.18E-04	1.64E-05	2.70E-05	3.50E-06	1.29E-03	1.92E-04	1.38E-03	2.01E-04	1.78E-03	2.29E-04	3.00E-05	4.52E-06	5.12E-03	7.66E-04	6.51E-03	8.96E-04	1.33E-02	1.25E-03	1.31E-03	1.94E-04	2.37E-04	3.58E-05	6.87E-05	1.04E-05	1.62E-04	2.45E-05	3.89E-05	3.89E-05	2.04E+00	1.58E-01	5.11E+00	2.68E-01
2957	Gridded	9.44E-05	1.34E-05	1.85E-05	2.97E-06	1.22E-03	1.52E-04	1.23E-03	1.61E-04	1.24E-03	1.96E-04	2.91E-05	3.56E-06	4.87E-03	6.05E-04	5.07E-03	7.38E-04	1.22E-02	1.27E-03	1.22E-03	1.54E-04	2.30E-04	2.82E-05	6.67E-05	8.15E-06	1.58E-04	1.93E-05	3.59E-05	3.59E-05	2.72E+00	1.74E-01	7.71E+00	3.77E-01
2958	Gridded	1.01E-04	9.93E-06	2.02E-05	2.17E-06	1.26E-03	1.18E-04	1.29E-03	1.23E-04	1.31E-03	1.44E-04	2.99E-05	2.79E-06	5.02E-03	4.71E-04	5.46E-03	5.41E-04	8.41E-03	1.13E-03	1.26E-03	1.19E-04	2.36E-04	2.21E-05	6.84E-05	6.39E-06	1.62E-04	1.51E-05	2.90E-05	2.90E-05	2.74E+00	1.76E-01	7.27E+00	3.59E-01
2959	Gridded	9.29E-05	1.00E-05	1.93E-05	2.13E-06	1.12E-03	1.19E-04	1.16E-03	1.24E-04	1.25E-03	1.39E-04	2.65E-05	2.80E-06	4.46E-03	4.73E-04	5.05E-03	5.48E-04	6.54E-03	8.60E-04	1.13E-03	1.20E-04	2.09E-04	2.22E-05	6.06E-05	6.42E-06	1.43E-04	1.52E-05	2.30E-05	2.30E-05	2.17E+00	1.49E-01	4.42E+00	2.41E-01
2960	Gridded	1.13E-04	1.12E-05	2.41E-05	2.25E-06	1.33E-03	1.39E-04	1.39E-03	1.42E-04	1.58E-03	1.46E-04	3.14E-05	3.29E-06	5.31E-03	5.53E-04	6.18E-03	6.06E-04	8.38E-03	7.42E-04	1.35E-03	1.39E-04	2.49E-04	2.60E-05	7.20E-05	7.54E-06	1.70E-04	1.78E-05	2.26E-05	2.26E-05	1.42E+00	1.16E-01	2.51E+00	2.09E-01
2961	Gridded	1.23E-04	1.18E-05	2.70E-05	2.44E-06	1.42E-03	1.42E-04	1.49E-03	1.47E-04	1.77E-03	1.59E-04	3.32E-05	3.36E-06	5.63E-03	5.67E-04	6.77E-03	6.40E-04	1.08E-02	7.25E-04	1.43E-03	1.43E-04	2.63E-04	2.66E-05	7.61E-05	7.70E-06	1.80E-04	1.82E-05	2.48E-05	2.48E-05	1.09E+00	1.30E-01	3.27E+00	2.61E-01
2962	Gridded	1.24E-04	1.30E-05	2.78E-05	2.67E-06	1.45E-03	1.59E-04	1.51E-03	1.64E-04	1.83E-03	1.74E-04	3.43E-05	3.76E-06	5.79E-03	6.33E-04	6.83E-03	7.08E-04	1.24E-02	8.36E-04	1.46E-03	1.60E-04	2.72E-04	2.98E-05	7.86E-05	8.61E-06	1.86E-04	2.04E-05	2.65E-05	2.65E-05	1.29E+00	1.58E-01	4.51E+00	3.27E-01
2963	Gridded	1.20E-04	1.29E-05	2.68E-05	2.78E-06	1.39E-03	1.51E-04	1.45E-03	1.57E-04	1.77E-03	1.82E-04	3.27E-05	3.54E-06	5.53E-03	5.99E-04	6.54E-03	7.07E-04	1.28E-02	1.03E-03	1.40E-03	1.52E-04	2.58E-04	2.80E-05	7.48E-05	8.10E-06	1.77E-04	1.92E-05	3.15E-05	3.15E-05	1.39E+00	1.43E-01	4.18E+00	3.09E-01
2964	Gridded	1.08E-04	1.15E-05	2.47E-05	2.51E-06	1.21E-03	1.43E-04	1.28E-03	1.46E-04	1.64E-03	1.66E-04	2.83E-05	3.38E-06	4.82E-03	5.69E-04	5.98E-03	6.21E-04	1.21E-02	1.22E-03	1.23E-03	1.43E-04	2.24E-04	2.68E-05	6.49E-05	7.76E-06	1.54E-04	1.83E-05	3.24E-05	3.24E-05	1.14E+00	1.21E-01	2.78E+00	2.30E-01
2965	Gridded	9.72E-05	1.28E-05	2.21E-05	2.61E-06	1.07E-03	1.58E-04	1.14E-03	1.62E-04	1.46E-03	1.69E-04	2.48E-05	3.76E-06	4.23E-03	6.32E-04	5.36E-03	6.93E-04	1.08E-02	1.17E-03	1.08E-03	1.59E-04	1.96E-04	2.97E-05	5.68E-05	8.61E-06	1.34E-04	2.04E-05	2.87E-05	2.87E-05	7.71E-01	1.25E-01	1.43E+00	2.52E-01
2966	Gridded	8.75E-05	1.46E-05	1.91E-05	3.02E-06	1.03E-03	1.80E-04	1.08E-03	1.83E-04	1.26E-03	1.96E-04	2.44E-05	4.26E-06	4.12E-03	7.16E-04	4.77E-03	7.95E-04	9.62E-03	9.72E-04	1.04E-03	1.80E-04	1.93E-04	3.38E-05	5.58E-05	9.77E-06	1.32E-04	2.31E-05	3.04E-05	3.04E-05	6.77E-01	1.55E-01	1.37E+00	2.83E-01
2967	Gridded	8.91E-05	1.61E-05	1.93E-05	3.26E-06	1.03E-03	2.03E-04	1.08E-03	2.07E-04	1.27E-03	2.13E-04	2.42E-05	4.83E-06	4.10E-03	8.10E-04	4.88E-03	8.69E-04	8.29E-03	1.08E-03	1.04E-03	2.04E-04	1.92E-04	3.82E-05	5.55E-05	1.11E-05	1.31E-04	2.62E-05	3.50E-05	3.50E-05	6.36E-01	1.66E-01	1.48E+00	2.60E-01
2968	Gridded	9.51E-05	1.83E-05	1.93E-05	3.71E-06	1.16E-03	2.24E-04	1.20E-03	2.30E-04	1.25E-03	2.40E-04	2.76E-05	5.32E-06	4.64E-03	8.94E-04	5.15E-03	9.89E-04	8.02E-03	1.26E-03	1.17E-03	2.26E-04	2.18E-04	4.21E-05	6.32E-05	1.22E-05	1.49E-04	2.88E-05	3.73E-05	3.73E-05	6.25E-01	1.59E-01	1.60E+00	2.67E-01
2969	Gridded	1.03E-04	1.81E-05	2.14E-05	3.81E-06	1.23E-03	2.15E-04	1.27E-03	2.23E-04	1.40E-03	2.49E-04	2.90E-05	5.06E-06	4.90E-03	8.55E-04	5.58E-03	9.85E-04	7.97E-03	1.34E-03	1.24E-03	2.17E-04	2.30E-04	4.01E-05	6.65E-05	1.16E-05	1.57E-04	2.74E-05	4.08E-05	4.08E-05	6.39E-01	1.73E-01	1.53E+00	2.64E-01
2970	Gridded	1.22E-04	1.66E-05	2.52E-05	3.62E-06	1.47E-03	2.00E-04	1.52E-03	2.02E-04	1.64E-03	2.38E-04	3.47E-05	4.77E-06	5.86E-03	7.98E-04	6.61E-03	9.10E-04	8.44E-03	1.44E-03	1.48E-03	2.00E-04	2.75E-04	3.78E-05	7.96E-05	1.09E-05	1.88E-04	2.59E-05	4.22E-05	4.22E-05	8.00E-01	1.77E-01	1.58E+00	2.80E-01
2971	Gridded	1.37E-04	2.06E-05	2.88E-05	4.04E-06	1.63E-03	2.61E-04	1.69E-03	2.65E-04	1.88E-03	2.60E-04	3.84E-05	6.21E-06	6.49E-03	1.04E-03	7.46E-03	1.11E-03	9.85E-03	1.45E-03	1.64E-03	2.62E-04	3.04E-04	4.92E-05	8.81E-05	1.42E-05	2.08E-04	3.37E-05	4.06E-05	4.06E-05	9.00E-01	1.92E-01	1.72E+00	3.60E-01
2972	Gridded	5.16E-05	1.52E-05	1.08E-05	3.14E-06	6.17E-04	1.83E-04	6.38E-04	1.89E-04	7.05E-04	2.05E-04	1.46E-05	4.32E-06	2.46E-03	7.29E-04	2.81E-03	8.25E-04	3.44E-03	9.18E-04	6.21E-04	1.84E-04	1.16E-04	3.42E-05	3.34E-05	9.91E-06	7.90E-05	2.34E-05	3.21E-05	3.21E-05	7.49E-01	1.69E-01	2.24E+00	2.05E-01
2973	Gridded	5.65E-05	1.63E-05	1.16E-05	3.38E-06	6.87E-04	1.96E-04	7.08E-04	2.03E-04	7.55E-04	2.20E-04	1.63E-05	4.63E-06	2.74E-03	7.81E-04	3.07E-03	8.85E-04	3.31E-03	1.00E-03	6.91E-04	1.97E-04	1.29E-04	3.66E-05	3.73E-05	1.06E-05	8.81E-05	2.51E-05	3.48E-05	3.48E-05	7.37E-01	1.65E-01	2.45E+00	2.09E-01
2974	Gridded	6.13E-05	1.75E-05	1.25E-05	3.58E-06	7.50E-04	2.13E-04	7.71E-04	2.19E-04	8.11E-04	2.32E-04	1.78E-05	5.04E-06	2.99E-03	8.48E-04	3.32E-03	9.47E-04	3.38E-03	1.04E-03	7.55E-04	2.14E-04	1.41E-04	3.99E-05	4.07E-05	1.15E-05	9.62E-05	2.73E-05	3.53E-05	3.53E-05	6.98E-01	1.61E-01	2.58E+00	2.12E-01
2975	Gridded	6.23E-05	1.84E-05	1.28E-05	3.78E-06	7.58E-04	2.24E-04	7.81E-04	2.31E-04	8.29E-04	2.46E-04	1.79E-05	5.30E-06	3.02E-03	8.93E-04	3.38E-03	1.00E-03	3.44E-03	1.03E-03	7.63E-04	2.25E-04	1.42E-04	4.19E-05	4.11E-05	1.21E-05	9.72E-05	2.87E-05	3.77E-05	3.77E-05	6.22E-01	1.73E-01	2.55E+00	2.06E-01
2976	Gridded	7.32E-05	1.78E-05	1.50E-05	3.69E-06	8.91E-04	2.15E-04	9.18E-04	2.22E-04	9.75E-04	2.40E-04	2.11E-05	5.09E-06	3.55E-03	8.58E-04	3.97E-03	9.69E-04	4.04E-03	1.07E-03	8.97E-04	2.17E-04	1.67E-04	4.03E-05	4.83E-05	1.17E-05	1.14E-04	2.76E-05	3.75E-05	3.75E-05	7.57E-01	1.75E-01	2.23E+00	1.99E-01
2977	Gridded	8.93E-05	1.57E-05	1.87E-05	3.29E-06	1.06E-03	1.87E-04	1.10E-03	1.94E-04	1.22E-03	2.15E-04	2.51E-05	4.40E-06	4.24E-03	7.43E-04	4.86E-03	8.53E-04	5.99E-03	1.06E-03	1.07E-03	1.88E-04	1.99E-04	3.48E-05	5.75E-05	1.01E-05	1.36E-04	2.38E-05	3.50E-05	3.50E-05	1.02E+00	1.60E-01	1.70E+00	2.20E-01
2978	Gridded	1.01E-04	1.78E-05	2.16E-05	3.76E-06	1.19E-03	2.12E-04	1.24E-03	2.20E-04	1.41E-03	2.45E-04	2.81E-05	4.99E-06	4.76E-03	8.43E-04	5.53E-03	9.72E-04	7.46E-03	1.24E-03	1.21E-03	2.14E-04	2.23E-04	3.95E-05	6.44E-05	1.14E-05	1.52E-04	2.70E-05	4.03E-05	4.03E-05	1.02E+00	1.36E-01	1.44E+00	2.28E-01
2979	Gridded	1.30E-04	1.88E-05	2.79E-05	4.04E-06	1.52E-03	2.20E-04	1.58E-03	2.30E-04	1.83E-03	2.65E-04	3.56E-05	5.16E-06	6.04E-03	8.74E-04	7.10E-03	1.03E-03	1.02E-02	1.48E-03	1.53E-03	2.22E-04	2.82E-04	4.09E-05	8.17E-05	1.18E-05	1.93E-04	2.80E-05	4.55E-05	4.55E-05	8.52E-01	1.59E-01	2.29E+00	2.61E-01
2980	Gridded	1.46E-04	1.74E-05	3.16E-05	3.82E-06	1.69E-03	1.99E-04	1.77E-03	2.10E-04	2.07E-03	2.51E-04	3.96E-05	4.67E-06	6.71E-03	7.92E-04	7.99E-03	9.56E-04	1.22E-02	1.56E-03	1.71E-03	2.02E-04	3.13E-04	3.69E-05	9.07E-05	1.07E-05	2.14E-04	2.53E-05	4.52E-05	4.52E-05	8.89E-01	1.69E-01	2.56E+00	3.31E-01
2981	Gridded	1.33E-04	1.46E-05	2.94E-05	3.24E-06	1.51E-03	1.64E-04	1.59E-03	1.73E-04	1.94E-03	2.14E-04	3.53E-05	3.82E-06	6.01E-03	6.50E-04	7.31E-03	8.00E-04	1.25E-02	1.43E-03	1.53E-03	1.66E-04	2.80E-04	3.02E-05	8.10E-05	8.75E-06	1.91E-04	2.07E-05	3.98E-05	3.98E-05	7.60E-01	1.63E-01	1.87E+00	3.57E-01
2982	Gridded	1.22E-04	1.10E-05	2.66E-05	2.50E-06	1.49E-03	1.22E-04	1.52E-03	1.30E-04	1.75E-03	1.65E-04	3.54E-05	2.85E-06	5.94E-03	4.86E-04	6.70E-03	6.08E-04	1.05E-02	1.17E-03	1.49E-03	1.24E-04	2.80E-04	2.25E-05	8.11E-05	6.53E-06	1.92E-04	1.54E-05	3.16E-05	3.16E-05	1.08E+00	1.42E-01	1.62E+00	3.26E-01
2983	Gridded	1.16E-04	9.49E-06	2.58E-05	1.96E-06	1.40E-03	1.15E-04	1.44E-03	1.18E-04	1.70E-03	1.27E-04	3.33E-05	2.71E-06	5.60E-03	4.57E-04	6.39E-03	5.15E-04	1.11E-02	8.36E-04	1.41E-03	1.15E-04	2.64E-04	2.15E-05	7.63E-05	6.21E-06	1.80E-04	1.47E-05	2.20E-05	2.20E-05	1.39E+00	1.44E-01	1.97E+00	2.64E-01
2984	Gridded	9.47E-05	1.25E-05	2.17E-05	2.52E-06	1.04E-03	1.54E-04	1.11E-03	1.58E-04	1.43E-03	1.63E-04	2.41E-05	3.65E-06	4.11E-03	6.13E-04	5.23E-03	6.75E-04	1.07E-02	6.04E-04	1.05E-03	1.55E-04	1.90E-04	2.89E-05	5.51E-05	8.35E-06	1.30E-04	1.97E-05	2.39E-05	2.39E-05	1.37E+00	1.47E-01	2.50E+00	2.01E-01
2985	Gridded	1.17E-04	1.58E-05	2.35E-05	3.22E-06	1.44E-03	1.93E-04	1.48E-03	1.98E-04	1.52E-03	2.09E-04	3.42E-05	4.57E-06	5.75E-03	7.69E-04	6.32E-03	8.55E-04	8.94E-03	8.32E-04	1.45E-03	1.94E-04	2.71E-04	3.61E-05	7.83E-05	1.05E-05	1.85E-04	2.47E-05	3.14E-05	3.14E-05	1.32E+00	1.59E-01	2.91E+00	2.13E-01
2986	Gridded	1.36E-04	1.79E-05	2.87E-05	3.71E-06	1.61E-03	2.16E-04	1.68E-03	2.23E-04	1.87E-03	2.41E-04	3.80E-05	5.11E-06	6.43E-03	8.62E-04	7.41E-03	9.73E-04	9.48E-03	1.07E-03	1.63E-03	2.18E-04	3.01E-04	4.05E-05	8.72E-05	1.17E-05	2.06E-04	2.77E-05	3.77E-05	3.77E-05	1.10E+00	1.71E-01	1.71E+00	2.31E-01
2987	Gridded	1.13E-04	1.74E-05	2.56E-05	3.69E-06	1.24E-03	2.05E-04	1.32E-03	2.13E-04	1.69E-03	2.41E-04	2.88E-05	4.82E-06	4.92E-03	8.16E-04	6.22E-03	9.48E-04	1.24E-02	1.27E-03	1.26E-03	2.07E-04	2.28E-04	3.82E-05	6.61E-05	1.11E-05	1.56E-04	2.61E-05	4.03E-05	4.03E-05	2.28E+00	1.76E-01	4.97E+00	2.70E-01
2988	Gridded	8.81E-05	1.40E-05	1.83E-05	3.10E-06	1.15E-03	1.59E-04	1.16E-03	1.67E-04	1.20E-03	2.04E-04	2.75E-05	3.71E-06	4.60E-03	6.30E-04	4.71E-03	7.69E-04	1.17E-02	1.32E-03	1.15E-03	1.61E-04	2.18E-04	2.94E-05	6.31E-05	8.50E-06	1.49E-04	2.01E-05	3.74E-05	3.74E-05	3.21E+00	1.95E-01	8.88E+00	4.25E-01
2989	Gridded	9.07E-05	1.07E-05	1.78E-05	2.24E-06	1.15E-03	1.28E-04	1.17E-03	1.33E-04	1.14E-03	1.46E-04	2.73E-05	3.02E-06	4.58E-03	5.10E-04	4.89E-03	5.83E-04	7.68E-03	1.17E-03	1.15E-03	1.29E-04	2.16E-04	2.39E-05	6.26E-05	6.92E-06	1.48E-04	1.64E-05	2.97E-05	2.97E-05	3.03E+00	1.87E-01	8.01E+00	3.86E-01
2990	Gridded	1.01E-04	1.10E-05	2.07E-05	2.31E-06	1.22E-03	1.39E-04	1.26E-03	1.42E-04	1.35E-03	1.50E-04	2.88E-05	3.32E-06	4.85E-03	5.56E-04	5.46E-03	5.96E-04	5.84E-03	8.60E-04	1.23E-03	1.40E-04	2.28E-04	2.63E-05	6.60E-05	7.60E-06	1.56E-04	1.80E-05	2.48E-05	2.48E-05	2.18E+00	1.47E-01	3.87E+00	2.37E-01
2991	Gridded	1.22E-04	1.35E-05	2.60E-05	2.71E-06	1.44E-03	1.67E-04	1.50E-03	1.71E-04	1.70E-03	1.75E-04	3.39E-05	3.97E-06	5.74E-03	6.67E-04	6.67E-03	7.29E-04	8.93E-03	7.95E-04	1.45E-03	1.68E-04	2.69E-04	3.14E-05	7.78E-05	9.10E-06	1.84E-04	2.15E-05	2.51E-05	2.51E-05	1.32E+00	1.26E-01	3.21E+00	2.16E-01
2992	Gridded	1.30E-04	1.36E-05	2.86E-05	2.81E-06	1.49E-03	1.63E-04	1.57E-03	1.69E-04	1.88E-03	1.83E-04	3.49E-05	3.85E-06	5.92E-03	6.50E-04	7.14E-03	7.37E-04	1.17E-02	8.33E-04	1.51E-03	1.64E-04	2.76E-04	3.05E-05	7.99E-05	8.83E-06	1.89E-04	2.09E-05	2.89E-05	2.89E-05	1.19E+00	1.56E-01	4.11E+00	3.09E-01
2993	Gridded	1.27E-04	1.36E-05	2.86E-05	2.80E-06	1.48E-03	1.64E-04	1.54E-03	1.69E-04	1.89E-03	1.82E-04	3.49E-05	3.88E-06	5.90E-03	6.54E-04	6.99E-03	7.37E-04	1.33E-02	9.68E-04	1.50E-03	1.65E-04	2.77E-04	3.07E-05	8.01E-05	8.89E-06	1.89E-04	2.10E-05	2.88E-05	2.88E-05	1.68E+00	1.71E-01	5.15E+00	3.60E-01
2994	Gridded	1.18E-04	1.29E-05	2.68E-05	2.68E-06	1.35E-03	1.65E-04	1.42E-03	1.68E-04	1.77E-03	1.76E-04	3.16E-05	3.94E-06	5.37E-03	6.60E-04	6.46E-03	6.96E-04	1.33E-02	1.13E-03	1.37E-03	1.66E-04	2.51E-04	3.12E-05	7.25E-05	9.04E-06	1.71E-04	2.14E-05	3.22E-05	3.22E-05	1.66E+00	1.61E-01	4.25E+00	3.09E-01
2995	Gridded	1.02E-04	1.50E-05	2.35E-05	3.00E-06	1.12E-03	1.87E-04	1.19E-03	1.91E-04	1.56E-03	1.94E-04	2.61E-05	4.45E-06	4.45E-03	7.47E-04	5.64E-03	8.12E-04	1.21E-02	1.24E-03	1.14E-03	1.88E-04	2.06E-04	3.52E-05	5.97E-05	1.02E-05	1.41E-04	2.41E-05	3.11E-05	3.11E-05	1.21E+00	1.30E-01	2.38E+00	2.69E-01
2996	Gridded	8.48E-05	1.64E-05	1.96E-05	3.29E-06	1.01E-03	2.03E-04	1.04E-03	2.08E-04	1.30E-03	2.13E-04	2.38E-05	4.82E-06	4.02E-03	8.10E-04	4.69E-03	8.87E-04	1.04E-02	1.07E-03	1.02E-03	2.04E-04	1.89E-04	3.81E-05	5.46E-05	1.10E-05	1.29E-04	2.61E-05	3.18E-05	3.18E-05	8.55E-01	1.71E-01	1.77E+00	3.08E-01
2997	Gridded	8.80E-05	1.79E-05	1.88E-05	3.55E-06	1.12E-03	2.29E-04	1.13E-03	2.32E-04	1.23E-03	2.31E-04	2.69E-05	5.45E-06	4.50E-03	9.13E-04	4.81E-03	9.61E-04	8.99E-03	1.07E-03	1.13E-03	2.29E-04	2.13E-04	4.32E-05	6.17E-05	1.25E-05	1.46E-04	2.95E-05	3.68E-05	3.68E-05	7.68E-01	1.80E-01	1.65E+00	2.68E-01
2998	Gridded	9.69E-05	2.05E-05	1.95E-05	4.08E-06	1.20E-03	2.56E-04	1.23E-03	2.61E-04	1.26E-03	2.63E-04	2.85E-05	6.07E-06	4.79E-03	1.02E-03	5.24E-03	1.11E-03	7.73E-03	1.30E-03	1.21E-03	2.57E-04	2.25E-04	4.81E-05	6.53E-05	1.39E-05	1.54E-04	3.29E-05	4.02E-05	4.02E-05	7.14E-01	1.60E-01	1.79E+00	2.52E-01
2999	Gridded	1.11E-04	2.06E-05	2.29E-05	4.28E-06	1.34E-03	2.48E-04	1.39E-03	2.57E-04	1.49E-03	2.78E-04	3.18E-05	5.86E-06	5.36E-03	9.89E-04	6.03E-03	1.12E-03	7.99E-03	1.42E-03	1.35E-03	2.50E-04	2.52E-04	4.64E-05	7.29E-05	1.34E-05	1.72E-04	3.18E-05	4.39E-05	4.39E-05	6.93E-01	1.64E-01	1.92E+00	3.10E-01
3000	Gridded	1.33E-04	1.88E-05	2.73E-05	4.02E-06	1.62E-03	2.45E-04	1.67E-03	2.47E-04	1.77E-03	2.63E-04	3.85E-05	5.86E-06	6.48E-03	9.79E-04	7.23E-03	1.01E-03	8.71E-03	1.56E-03	1.63E-03	2.45E-04	3.04E-04	4.64E-05	8.81E-05	1.34E-05	2.08E-04	3.18E-05	4.63E-05	4.63E-05	8.34E-01	1.93E-01	1.80E+00	3.56E-01
3001	Gridded	1.56E-04	2.51E-05	3.26E-05	4.87E-06	1.87E-03	3.21E-04	1.93E-03	3.25E-04	2.12E-03	3.13E-04	4.40E-05	7.65E-06	7.43E-03	1.28E-03	8.48E-03	1.35E-03	1.02E-02	1.60E-03	1.88E-03	3.22E-04	3.49E-04	6.05E-05	1.01E-04	1.75E-05	2.39E-04	4.14E-05	4.40E-05	4.40E-05	9.88E-01	2.36E-01	1.85E+00	3.96E-01
3002	Gridded	1.63E-04	2.95E-05	3.47E-05	5.89E-06	1.92E-03	3.67E-04	2.00E-03	3.75E-04	2.27E-03	3.81E-04	4.53E-05	8.72E-06	7.66E-03	1.46E-03	8.91E-03	1.59E-03	1.20E-02	1.45E-03	1.94E-03	3.69E-04	3.59E-04	6.90E-05	1.04E-04	2.00E-05	2.45E-04	4.72E-05	5.38E-05	5.38E-05	1.05E+00	2.63E-01	1.89E+00	4.37E-01
3003	Gridded	5.25E-05	1.45E-05	1.09E-05	3.10E-06	6.34E-04	1.70E-04	6.55E-04	1.77E-04	7.06E-04	2.03E-04	1.50E-05	3.99E-06	2.53E-03	6.76E-04	2.85E-03	7.92E-04	3.15E-03	1.11E-03	6.39E-04	1.71E-04	1.19E-04	3.16E-05	3.44E-05	9.15E-06	8.12E-05	2.16E-05	3.45E-05	3.45E-05	7.05E-01	1.67E-01	2.27E+00	2.12E-01
3004	Gridded	5.51E-05	1.47E-05	1.14E-05	3.02E-06	6.64E-04	1.78E-04	6.86E-04	1.84E-04	7.43E-04	1.97E-04	1.57E-05	4.22E-06	2.65E-03	7.11E-04	2.99E-03	7.98E-04	3.36E-03	1.04E-03	6.69E-04	1.80E-04	1.24E-04	3.34E-05	3.59E-05	9.67E-06	8.50E-05	2.29E-05	3.20E-05	3.20E-05	7.78E-01	1.79E-01	2.24E+00	2.24E-01
3005	Gridded	5.95E-05	1.66E-05	1.21E-05	3.42E-06	7.30E-04	2.01E-04	7.50E-04	2.07E-04	7.84E-04	2.22E-04	1.73E-05	4.75E-06	2.91E-03	8.01E-04	3.22E-03	9.01E-04	3.36E-03	9.60E-04	7.34E-04	2.02E-04	1.37E-04	3.76E-05	3.96E-05	1.09E-05	9.37E-05	2.57E-05	3.44E-05	3.44E-05	8.36E-01	1.82E-01	2.57E+00	2.38E-01
3006	Gridded	6.52E-05	1.73E-05	1.32E-05	3.53E-06	8.02E-04	2.11E-04	8.23E-04	2.17E-04	8.55E-04	2.30E-04	1.90E-05	5.00E-06	3.20E-03	8.42E-04	3.53E-03	9.37E-04	3.33E-03	1.03E-03	8.07E-04	2.12E-04	1.51E-04	3.96E-05	4.36E-05	1.15E-05	1.03E-04	2.71E-05	3.61E-05	3.61E-05	8.41E-01	1.75E-01	2.90E+00	2.37E-01
3007	Gridded	6.61E-05	1.86E-05	1.34E-05	3.81E-06	8.11E-04	2.26E-04	8.34E-04	2.33E-04	8.70E-04	2.48E-04	1.92E-05	5.34E-06	3.24E-03	9.00E-04	3.58E-03	1.01E-03	3.36E-03	1.04E-03	8.16E-04	2.27E-04	1.52E-04	4.23E-05	4.41E-05	1.22E-05	1.04E-04	2.89E-05	3.80E-05	3.80E-05	7.63E-01	1.93E-01	2.98E+00	2.21E-01
3008	Gridded	7.09E-05	1.84E-05	1.44E-05	3.80E-06	8.68E-04	2.21E-04	8.93E-04	2.29E-04	9.35E-04	2.48E-04	2.06E-05	5.23E-06	3.46E-03	8.83E-04	3.84E-03	9.98E-04	3.94E-03	1.11E-03	8.74E-04	2.23E-04	1.63E-04	4.14E-05	4.71E-05	1.20E-05	1.11E-04	2.84E-05	3.89E-05	3.89E-05	6.86E-01	1.95E-01	2.74E+00	2.04E-01
3009	Gridded	8.82E-05	1.64E-05	1.84E-05	3.44E-06	1.06E-03	1.95E-04	1.09E-03	2.02E-04	1.20E-03	2.25E-04	2.49E-05	4.59E-06	4.20E-03	7.75E-04	4.80E-03	8.92E-04	5.70E-03	1.12E-03	1.06E-03	1.96E-04	1.97E-04	3.63E-05	5.71E-05	1.05E-05	1.35E-04	2.49E-05	3.67E-05	3.67E-05	7.60E-01	1.90E-01	2.26E+00	2.32E-01
3010	Gridded	1.04E-04	1.94E-05	2.22E-05	4.05E-06	1.23E-03	2.33E-04	1.28E-03	2.41E-04	1.45E-03	2.64E-04	2.89E-05	5.51E-06	4.88E-03	9.29E-04	5.68E-03	1.06E-03	7.69E-03	1.23E-03	1.24E-03	2.35E-04	2.29E-04	4.36E-05	6.62E-05	1.26E-05	1.56E-04	2.98E-05	4.20E-05	4.20E-05	9.30E-01	1.63E-01	1.50E+00	2.59E-01
3011	Gridded	1.36E-04	1.99E-05	2.92E-05	4.22E-06	1.60E-03	2.35E-04	1.67E-03	2.44E-04	1.91E-03	2.76E-04	3.76E-05	5.53E-06	6.36E-03	9.34E-04	7.45E-03	1.09E-03	1.05E-02	1.45E-03	1.61E-03	2.37E-04	2.97E-04	4.37E-05	8.61E-05	1.27E-05	2.03E-04	2.99E-05	4.62E-05	4.62E-05	1.02E+00	1.85E-01	1.68E+00	2.69E-01
3012	Gridded	1.44E-04	1.74E-05	3.14E-05	3.76E-06	1.66E-03	2.01E-04	1.74E-03	2.11E-04	2.06E-03	2.47E-04	3.88E-05	4.73E-06	6.59E-03	8.01E-04	7.89E-03	9.52E-04	1.24E-02	1.44E-03	1.68E-03	2.04E-04	3.08E-04	3.74E-05	8.90E-05	1.08E-05	2.10E-04	2.56E-05	4.32E-05	4.32E-05	9.89E-01	2.02E-01	1.93E+00	3.49E-01
3013	Gridded	1.38E-04	1.36E-05	2.96E-05	2.98E-06	1.60E-03	1.55E-04	1.67E-03	1.63E-04	1.94E-03	1.96E-04	3.76E-05	3.62E-06	6.37E-03	6.15E-04	7.52E-03	7.44E-04	1.15E-02	1.23E-03	1.62E-03	1.57E-04	2.97E-04	2.87E-05	8.61E-05	8.30E-06	2.04E-04	1.96E-05	3.54E-05	3.54E-05	8.44E-01	1.89E-01	1.94E+00	3.87E-01
3014	Gridded	1.37E-04	9.94E-06	3.00E-05	2.08E-06	1.56E-03	1.22E-04	1.64E-03	1.25E-04	1.97E-03	1.37E-04	3.64E-05	2.88E-06	6.19E-03	4.85E-04	7.49E-03	5.39E-04	1.25E-02	8.95E-04	1.57E-03	1.22E-04	2.88E-04	2.28E-05	8.35E-05	6.60E-06	1.97E-04	1.56E-05	2.52E-05	2.52E-05	1.24E+00	1.59E-01	1.63E+00	3.68E-01
3015	Gridded	1.16E-04	1.12E-05	2.64E-05	2.24E-06	1.28E-03	1.39E-04	1.37E-03	1.42E-04	1.74E-03	1.45E-04	2.99E-05	3.30E-06	5.10E-03	5.54E-04	6.42E-03	6.05E-04	1.26E-02	6.19E-04	1.30E-03	1.40E-04	2.37E-04	2.61E-05	6.85E-05	7.55E-06	1.62E-04	1.79E-05	2.07E-05	2.07E-05	1.42E+00	1.51E-01	2.13E+00	2.90E-01
3016	Gridded	9.51E-05	1.51E-05	1.95E-05	3.06E-06	1.19E-03	1.87E-04	1.22E-03	1.92E-04	1.30E-03	1.98E-04	2.84E-05	4.43E-06	4.77E-03	7.46E-04	5.13E-03	8.20E-04	1.09E-02	7.15E-04	1.20E-03	1.88E-04	2.25E-04	3.51E-05	6.51E-05	1.02E-05	1.54E-04	2.40E-05	2.88E-05	2.88E-05	1.44E+00	1.65E-01	2.75E+00	2.22E-01
3017	Gridded	1.20E-04	1.83E-05	2.49E-05	3.74E-06	1.45E-03	2.24E-04	1.50E-03	2.30E-04	1.62E-03	2.43E-04	3.42E-05	5.30E-06	5.76E-03	8.92E-04	6.52E-03	9.92E-04	7.98E-03	9.74E-04	1.46E-03	2.25E-04	2.71E-04	4.19E-05	7.83E-05	1.21E-05	1.85E-04	2.87E-05	3.66E-05	3.66E-05	1.32E+00	1.79E-01	2.05E+00	2.37E-01

Scenario 1 Results

3018	Gridded	1.01E-04	1.82E-05	2.29E-05	3.82E-06	1.13E-03	2.17E-04	1.20E-03	2.25E-04	1.51E-03	2.49E-04	2.67E-05	5.13E-06	4.51E-03	8.66E-04	5.58E-03	9.92E-04	1.07E-02	1.21E-03	1.14E-03	2.19E-04	2.11E-04	4.06E-05	6.11E-05	1.18E-05	1.44E-04	2.78E-05	4.03E-05	4.03E-05	2.24E+00	1.96E-01	3.78E+00	2.38E-01
3019	Gridded	7.84E-05	1.42E-05	1.68E-05	3.13E-06	1.03E-03	1.62E-04	1.04E-03	1.71E-04	1.10E-03	2.06E-04	2.48E-05	3.79E-06	4.14E-03	6.44E-04	4.29E-03	7.80E-04	1.05E-02	1.30E-03	1.04E-03	1.64E-04	1.96E-04	3.00E-05	5.68E-05	8.69E-06	1.34E-04	2.05E-05	3.73E-05	3.73E-05	3.39E+00	2.01E-01	8.84E+00	4.20E-01
3020	Gridded	7.55E-05	1.15E-05	1.44E-05	2.38E-06	9.76E-04	1.38E-04	9.86E-04	1.43E-04	9.39E-04	1.55E-04	2.33E-05	3.26E-06	3.90E-03	5.50E-04	4.05E-03	6.23E-04	6.75E-03	1.15E-03	9.78E-04	1.39E-04	1.85E-04	2.58E-05	5.34E-05	7.48E-06	1.26E-04	1.77E-05	2.89E-05	2.89E-05	2.91E+00	1.78E-01	7.28E+00	3.52E-01
3021	Gridded	1.03E-04	1.31E-05	2.11E-05	2.56E-06	1.25E-03	1.67E-04	1.29E-03	1.70E-04	1.37E-03	1.65E-04	2.96E-05	3.98E-06	4.98E-03	6.66E-04	5.58E-03	7.07E-04	5.77E-03	8.12E-04	1.26E-03	1.67E-04	2.34E-04	3.15E-05	6.78E-05	9.11E-06	1.60E-04	2.15E-05	2.54E-05	2.54E-05	1.91E+00	1.44E-01	3.12E+00	2.25E-01
3022	Gridded	1.22E-04	1.51E-05	2.60E-05	3.02E-06	1.44E-03	1.87E-04	1.50E-03	1.91E-04	1.70E-03	1.96E-04	3.38E-05	4.43E-06	5.72E-03	7.44E-04	6.66E-03	8.14E-04	9.05E-03	8.04E-04	1.45E-03	1.88E-04	2.68E-04	3.51E-05	7.75E-05	1.02E-05	1.83E-04	2.40E-05	2.81E-05	2.81E-05	1.28E+00	1.38E-01	4.03E+00	2.21E-01
3023	Gridded	1.26E-04	1.40E-05	2.78E-05	2.94E-06	1.43E-03	1.72E-04	1.51E-03	1.75E-04	1.83E-03	1.92E-04	3.35E-05	4.08E-06	5.70E-03	6.85E-04	6.92E-03	7.64E-04	1.17E-02	9.30E-04	1.45E-03	1.72E-04	2.65E-04	3.23E-05	7.68E-05	9.36E-06	1.82E-04	2.21E-05	3.10E-05	3.10E-05	1.77E+00	1.84E-01	5.42E+00	3.73E-01
3024	Gridded	1.20E-04	1.32E-05	2.71E-05	2.74E-06	1.41E-03	1.72E-04	1.47E-03	1.73E-04	1.79E-03	1.79E-04	3.30E-05	4.12E-06	5.59E-03	6.88E-04	6.56E-03	7.14E-04	1.31E-02	1.04E-03	1.42E-03	1.73E-04	2.62E-04	3.26E-05	7.57E-05	9.44E-06	1.79E-04	2.23E-05	2.97E-05	2.97E-05	2.16E+00	1.96E-01	5.53E+00	3.77E-01
3025	Gridded	1.09E-04	1.75E-05	2.45E-05	3.36E-06	1.22E-03	2.25E-04	1.30E-03	2.28E-04	1.63E-03	2.16E-04	2.86E-05	5.37E-06	4.86E-03	8.98E-04	5.99E-03	9.41E-04	1.28E-02	1.14E-03	1.24E-03	2.25E-04	2.26E-04	4.25E-05	6.55E-05	1.23E-05	1.55E-04	2.91E-05	3.04E-05	3.04E-05	1.76E+00	1.68E-01	3.52E+00	2.89E-01
3026	Gridded	9.00E-05	1.93E-05	2.09E-05	3.84E-06	9.69E-04	2.42E-04	1.04E-03	2.47E-04	1.38E-03	2.48E-04	2.25E-05	5.75E-06	3.85E-03	9.65E-04	4.98E-03	1.04E-03	1.11E-02	1.11E-03	9.86E-04	2.43E-04	1.78E-04	4.55E-05	5.15E-05	1.32E-05	1.22E-04	3.11E-05	3.42E-05	3.42E-05	1.13E+00	1.85E-01	2.30E+00	3.23E-01
3027	Gridded	8.96E-05	1.93E-05	1.77E-05	3.86E-06	1.19E-03	2.46E-04	1.19E-03	2.48E-04	1.15E-03	2.51E-04	2.86E-05	5.88E-06	4.77E-03	9.82E-04	4.78E-03	1.04E-03	9.70E-03	1.07E-03	1.19E-03	2.46E-04	2.27E-04	4.65E-05	6.56E-05	1.35E-05	1.55E-04	3.18E-05	3.82E-05	3.82E-05	9.80E-01	1.96E-01	1.88E+00	2.96E-01
3028	Gridded	1.01E-04	2.24E-05	1.89E-05	4.34E-06	1.32E-03	2.85E-04	1.32E-03	2.89E-04	1.20E-03	2.79E-04	3.15E-05	6.79E-06	5.26E-03	1.14E-03	5.38E-03	1.20E-03	7.94E-03	1.23E-03	1.32E-03	2.86E-04	2.49E-04	5.38E-05	7.21E-05	1.56E-05	1.71E-04	3.68E-05	4.07E-05	4.07E-05	8.13E-01	1.79E-01	1.74E+00	3.18E-01
3029	Gridded	1.08E-04	2.16E-05	2.20E-05	4.41E-06	1.32E-03	2.64E-04	1.36E-03	2.72E-04	1.43E-03	2.86E-04	3.12E-05	6.26E-06	5.26E-03	1.05E-03	5.85E-03	1.17E-03	7.74E-03	1.46E-03	1.33E-03	2.66E-04	2.47E-04	4.96E-05	7.15E-05	1.43E-05	1.69E-04	3.39E-05	4.29E-05	4.29E-05	7.92E-01	1.85E-01	1.89E+00	4.09E-01
3030	Gridded	1.35E-04	2.06E-05	2.73E-05	4.14E-06	1.66E-03	2.72E-04	1.70E-03	2.73E-04	1.77E-03	2.72E-04	3.94E-05	6.52E-06	6.62E-03	1.09E-03	7.31E-03	1.10E-03	8.23E-03	1.55E-03	1.67E-03	2.72E-04	3.12E-04	5.16E-05	9.02E-05	1.50E-05	2.13E-04	3.53E-05	4.70E-05	4.70E-05	8.21E-01	2.60E-01	2.06E+00	4.44E-01
3031	Gridded	1.70E-04	2.94E-05	3.51E-05	5.61E-06	2.05E-03	3.80E-04	2.12E-03	3.84E-04	2.28E-03	3.59E-04	4.85E-05	9.09E-06	8.18E-03	1.52E-03	9.22E-03	1.58E-03	1.02E-02	1.67E-03	2.07E-03	3.81E-04	3.84E-04	7.20E-05	1.11E-04	2.08E-05	2.63E-04	4.92E-05	4.55E-05	4.55E-05	1.02E+00	3.05E-01	1.92E+00	4.41E-01
3032	Gridded	1.85E-04	3.48E-05	3.90E-05	6.86E-06	2.20E-03	4.37E-04	2.29E-03	4.45E-04	2.54E-03	4.42E-04	5.19E-05	1.04E-05	8.77E-03	1.74E-03	1.01E-02	1.87E-03	1.27E-02	1.52E-03	2.22E-03	4.39E-04	4.11E-04	8.23E-05	1.19E-04	2.38E-05	2.81E-04	5.63E-05	6.00E-05	6.00E-05	1.13E+00	3.21E-01	1.94E+00	4.21E-01
3033	Gridded	1.80E-04	3.54E-05	3.86E-05	7.23E-06	2.11E-03	4.32E-04	2.20E-03	4.45E-04	2.53E-03	4.69E-04	4.96E-05	1.02E-05	8.39E-03	1.72E-03	9.85E-03	1.92E-03	1.39E-02	1.89E-03	2.13E-03	4.35E-04	3.93E-04	8.11E-05	1.14E-04	2.35E-05	2.69E-04	5.55E-05	7.09E-05	7.09E-05	1.12E+00	3.00E-01	2.05E+00	3.86E-01
3034	Gridded	5.33E-05	1.72E-05	1.10E-05	3.64E-06	6.43E-04	2.04E-04	6.64E-04	2.12E-04	7.17E-04	2.37E-04	1.52E-05	4.80E-06	2.56E-03	8.11E-04	2.89E-03	9.37E-04	3.24E-03	1.22E-03	6.47E-04	2.05E-04	1.20E-04	3.80E-05	3.48E-05	1.10E-05	8.23E-05	2.60E-05	3.93E-05	3.93E-05	7.09E-01	1.71E-01	2.20E+00	1.95E-01
3035	Gridded	5.05E-05	1.71E-05	1.03E-05	3.62E-06	6.15E-04	2.02E-04	6.34E-04	2.10E-04	6.70E-04	2.36E-04	1.46E-05	4.76E-06	2.45E-03	8.05E-04	2.74E-03	9.32E-04	3.23E-03	1.22E-03	6.19E-04	2.04E-04	1.15E-04	3.77E-05	3.34E-05	1.09E-05	7.89E-05	2.58E-05	3.92E-05	3.92E-05	7.22E-01	1.77E-01	2.40E+00	2.04E-01
3036	Gridded	5.62E-05	1.61E-05	1.15E-05	3.41E-06	6.84E-04	1.89E-04	7.04E-04	1.97E-04	7.48E-04	2.23E-04	1.62E-05	4.45E-06	2.72E-03	7.53E-04	3.05E-03	8.76E-04	3.16E-03	1.18E-03	6.88E-04	1.91E-04	1.28E-04	3.53E-05	3.71E-05	1.02E-05	8.76E-05	2.41E-05	3.73E-05	3.73E-05	7.74E-01	1.85E-01	2.60E+00	2.26E-01
3037	Gridded	5.92E-05	1.60E-05	1.19E-05	3.28E-06	7.33E-04	1.95E-04	7.51E-04	2.01E-04	7.71E-04	2.13E-04	1.74E-05	4.61E-06	2.92E-03	7.77E-04	3.20E-03	8.68E-04	3.26E-03	1.08E-03	7.37E-04	1.96E-04	1.38E-04	3.65E-05	3.99E-05	1.06E-05	9.42E-05	2.50E-05	3.35E-05	3.35E-05	8.81E-01	1.93E-01	2.68E+00	2.44E-01
3038	Gridded	6.58E-05	1.72E-05	1.33E-05	3.55E-06	8.15E-04	2.09E-04	8.34E-04	2.16E-04	8.59E-04	2.31E-04	1.93E-05	4.94E-06	3.25E-03	8.33E-04	3.56E-03	9.35E-04	3.25E-03	9.89E-04	8.19E-04	2.10E-04	1.53E-04	3.91E-05	4.43E-05	1.13E-05	1.05E-04	2.68E-05	3.56E-05	3.56E-05	9.16E-01	1.92E-01	2.79E+00	2.58E-01
3039	Gridded	7.03E-05	1.84E-05	1.41E-05	3.77E-06	8.72E-04	2.24E-04	8.93E-04	2.31E-04	9.13E-04	2.45E-04	2.07E-05	5.31E-06	3.48E-03	8.95E-04	3.80E-03	9.98E-04	3.29E-03	1.03E-03	8.76E-04	2.26E-04	1.64E-04	4.21E-05	4.74E-05	1.22E-05	1.12E-04	2.88E-05	3.71E-05	3.71E-05	8.92E-01	2.06E-01	3.13E+00	2.63E-01
3040	Gridded	6.43E-05	1.86E-05	1.31E-05	3.84E-06	7.92E-04	2.24E-04	8.13E-04	2.31E-04	8.46E-04	2.50E-04	1.88E-05	5.29E-06	3.16E-03	8.92E-04	3.48E-03	1.01E-03	3.85E-03	1.12E-03	7.97E-04	2.26E-04	1.49E-04	4.19E-05	4.31E-05	1.21E-05	1.02E-04	2.87E-05	3.92E-05	3.92E-05	7.77E-01	2.26E-01	3.22E+00	2.52E-01
3041	Gridded	8.30E-05	1.62E-05	1.71E-05	3.44E-06	1.01E-03	1.92E-04	1.04E-03	2.00E-04	1.11E-03	2.24E-04	2.38E-05	4.52E-06	4.01E-03	7.64E-04	4.51E-03	8.85E-04	4.96E-03	1.16E-03	1.01E-03	1.93E-04	1.88E-04	3.58E-05	5.45E-05	1.04E-05	1.29E-04	2.45E-05	3.73E-05	3.73E-05	7.13E-01	2.21E-01	2.84E+00	2.33E-01
3042	Gridded	9.42E-05	1.87E-05	2.01E-05	3.82E-06	1.11E-03	2.27E-04	1.15E-03	2.34E-04	1.31E-03	2.48E-04	2.60E-05	5.38E-06	4.40E-03	9.06E-04	5.14E-03	1.01E-03	7.11E-03	1.06E-03	1.12E-03	2.29E-04	2.06E-04	4.26E-05	5.96E-05	1.23E-05	1.41E-04	2.91E-05	3.77E-05	3.77E-05	9.29E-01	1.99E-01	2.05E+00	2.84E-01
3043	Gridded	1.21E-04	1.83E-05	2.61E-05	3.80E-06	1.41E-03	2.20E-04	1.47E-03	2.27E-04	1.71E-03	2.47E-04	3.30E-05	5.19E-06	5.60E-03	8.75E-04	6.61E-03	9.94E-04	9.74E-03	1.14E-03	1.42E-03	2.21E-04	2.62E-04	4.11E-05	7.57E-05	1.19E-05	1.79E-04	2.81E-05	3.92E-05	3.92E-05	1.07E+00	2.08E-01	1.49E+00	3.18E-01
3044	Gridded	1.40E-04	1.57E-05	3.01E-05	3.30E-06	1.64E-03	1.87E-04	1.71E-03	1.94E-04	1.97E-03	2.15E-04	3.86E-05	4.42E-06	6.54E-03	7.46E-04	7.67E-03	8.56E-04	1.09E-02	1.06E-03	1.66E-03	1.89E-04	3.06E-04	3.50E-05	8.85E-05	1.01E-05	2.09E-04	2.39E-05	3.50E-05	3.50E-05	9.57E-01	2.32E-01	1.98E+00	3.62E-01
3045	Gridded	1.47E-04	1.21E-05	3.22E-05	2.55E-06	1.69E-03	1.44E-04	1.78E-03	1.49E-04	2.11E-03	1.67E-04	3.96E-05	3.39E-06	6.72E-03	5.73E-04	8.07E-03	6.60E-04	1.29E-02	8.35E-04	1.71E-03	1.45E-04	3.14E-04	2.68E-05	9.08E-05	7.77E-06	2.15E-04	1.84E-05	2.73E-05	2.73E-05	8.91E-01	2.26E-01	2.20E+00	4.33E-01
3046	Gridded	1.32E-04	1.03E-05	2.96E-05	2.10E-06	1.47E-03	1.26E-04	1.56E-03	1.30E-04	1.95E-03	1.36E-04	3.42E-05	2.99E-06	5.83E-03	5.04E-04	7.25E-03	5.59E-04	1.36E-02	6.64E-04	1.49E-03	1.27E-04	2.71E-04	2.37E-05	7.84E-05	6.86E-06	1.85E-04	1.62E-05	2.04E-05	2.04E-05	1.26E+00	1.77E-01	1.57E+00	3.90E-01
3047	Gridded	9.35E-05	1.36E-05	2.21E-05	2.70E-06	9.83E-04	1.69E-04	1.07E-03	1.73E-04	1.47E-03	1.75E-04	2.27E-05	4.02E-06	3.90E-03	6.74E-04	5.19E-03	7.32E-04	1.23E-02	6.13E-04	1.00E-03	1.70E-04	1.80E-04	3.18E-05	5.20E-05	9.20E-06	1.23E-04	2.18E-05	2.45E-05	2.45E-05	1.35E+00	1.76E-01	2.02E+00	2.54E-01
3048	Gridded	9.21E-05	1.78E-05	1.88E-05	3.58E-06	1.13E-03	2.20E-04	1.16E-03	2.25E-04	1.22E-03	2.31E-04	2.67E-05	5.22E-06	4.49E-03	8.78E-04	4.99E-03	9.62E-04	9.27E-03	8.15E-04	1.13E-03	2.21E-04	2.11E-04	4.13E-05	6.12E-05	1.20E-05	1.45E-04	2.83E-05	3.34E-05	3.34E-05	1.56E+00	1.85E-01	2.00E+00	2.18E-01
3049	Gridded	8.51E-05	1.81E-05	1.75E-05	3.75E-06	1.04E-03	2.19E-04	1.07E-03	2.26E-04	1.16E-03	2.44E-04	2.45E-05	5.18E-06	4.13E-03	8.73E-04	4.62E-03	9.85E-04	8.07E-03	1.08E-03	1.04E-03	2.21E-04	1.94E-04	4.10E-05	5.62E-05	1.19E-05	1.33E-04	2.81E-05	3.80E-05	3.80E-05	1.83E+00	2.06E-01	1.83E+00	1.77E-01
3050	Gridded	6.71E-05	1.33E-05	1.47E-05	2.92E-06	8.09E-04	1.52E-04	8.36E-04	1.60E-04	9.68E-04	1.92E-04	1.91E-05	3.55E-06	3.22E-03	6.04E-04	3.67E-03	7.30E-04	8.37E-03	1.21E-03	8.15E-04	1.54E-04	1.51E-04	2.81E-05	4.38E-05	8.15E-06	1.04E-04	1.93E-05	3.47E-05	3.47E-05	3.03E+00	1.97E-01	6.82E+00	3.23E-01
3051	Gridded	7.74E-05	1.17E-05	1.48E-05	2.42E-06	9.98E-04	1.42E-04	1.01E-03	1.47E-04	9.48E-04	1.57E-04	2.38E-05	3.37E-06	3.99E-03	5.68E-04	4.15E-03	6.38E-04	5.58E-03	1.06E-03	1.00E-03	1.43E-04	1.89E-04	2.67E-05	5.46E-05	7.72E-06	1.29E-04	1.82E-05	2.57E-05	2.57E-05	2.27E+00	1.82E-01	4.75E+00	2.36E-01
3052	Gridded	9.97E-05	1.53E-05	2.03E-05	2.95E-06	1.22E-03	1.96E-04	1.25E-03	1.99E-04	1.32E-03	1.90E-04	2.89E-05	4.67E-06	4.87E-03	7.83E-04	5.40E-03	8.23E-04	5.20E-03	7.48E-04	1.23E-03	1.97E-04	2.29E-04	3.70E-05	6.62E-05	1.07E-05	1.57E-04	2.53E-05	2.50E-05	2.50E-05	1.53E+00	1.40E-01	2.43E+00	1.51E-01
3053	Gridded	1.15E-04	1.64E-05	2.46E-05	3.28E-06	1.35E-03	2.03E-04	1.41E-03	2.08E-04	1.61E-03	2.12E-04	3.18E-05	4.83E-06	5.39E-03	8.12E-04	6.30E-03	8.85E-04	8.72E-03	7.75E-04	1.37E-03	2.04E-04	2.52E-04	3.82E-05	7.30E-05	1.11E-05	1.72E-04	2.62E-05	3.01E-05	3.01E-05	1.43E+00	1.73E-01	4.30E+00	2.25E-01
3054	Gridded	1.12E-04	1.35E-05	2.51E-05	2.86E-06	1.30E-03	1.68E-04	1.34E-03	1.71E-04	1.65E-03	1.87E-04	3.07E-05	3.98E-06	5.18E-03	6.69E-04	6.18E-03	7.35E-04	1.12E-02	9.77E-04	1.31E-03	1.68E-04	2.43E-04	3.15E-05	7.04E-05	9.13E-06	1.66E-04	2.16E-05	3.12E-05	3.12E-05	2.52E+00	2.23E-01	6.40E+00	4.07E-01
3055	Gridded	1.06E-04	1.72E-05	2.32E-05	3.23E-06	1.22E-03	2.25E-04	1.29E-03	2.26E-04	1.52E-03	2.07E-04	2.87E-05	5.37E-06	4.87E-03	8.97E-04	5.83E-03	9.21E-04	1.19E-02	1.03E-03	1.24E-03	2.25E-04	2.27E-04	4.25E-05	6.57E-05	1.23E-05	1.55E-04	2.91E-05	2.78E-05	2.78E-05	2.53E+00	2.16E-01	4.93E+00	3.49E-01
3056	Gridded	9.26E-05	2.21E-05	2.12E-05	4.24E-06	1.01E-03	2.83E-04	1.08E-03	2.87E-04	1.40E-03	2.72E-04	2.36E-05	6.76E-06	4.03E-03	1.13E-03	5.11E-03	1.19E-03	1.10E-02	9.65E-04	1.03E-03	2.84E-04	1.87E-04	5.35E-05	5.41E-05	1.55E-05	1.28E-04	3.66E-05	3.36E-05	3.36E-05	1.66E+00	1.99E-01	3.09E+00	3.55E-01
3057	Gridded	9.17E-05	2.30E-05	1.75E-05	4.55E-06	1.22E-03	2.89E-04	1.22E-03	2.94E-04	1.16E-03	2.94E-04	2.93E-05	6.87E-06	4.89E-03	1.15E-03	4.89E-03	1.24E-03	9.95E-03	9.74E-04	1.22E-03	2.90E-04	2.32E-04	5.44E-05	6.72E-05	1.57E-05	1.59E-04	3.72E-05	4.02E-05	4.02E-05	1.22E+00	2.07E-01	2.34E+00	3.51E-01
3058	Gridded	1.02E-04	2.22E-05	1.86E-05	4.24E-06	1.35E-03	2.88E-04	1.35E-03	2.91E-04	1.18E-03	2.75E-04	3.25E-05	6.90E-06	5.41E-03	1.15E-03	5.42E-03	1.19E-03	8.42E-03	1.16E-03	1.35E-03	2.89E-04	2.57E-04	5.46E-05	7.44E-05	1.58E-05	1.76E-04	3.74E-05	4.23E-05	4.23E-05	9.27E-01	2.10E-01	2.52E+00	4.51E-01
3059	Gridded	1.01E-04	2.14E-05	2.01E-05	4.24E-06	1.26E-03	2.69E-04	1.28E-03	2.74E-04	1.30E-03	2.74E-04	3.01E-05	6.38E-06	5.04E-03	1.07E-03	5.45E-03	1.16E-03	7.27E-03	1.29E-03	1.26E-03	2.70E-04	2.38E-04	5.05E-05	6.90E-05	1.46E-05	1.63E-04	3.46E-05	4.04E-05	4.04E-05	9.37E-01	2.54E-01	2.35E+00	5.45E-01
3060	Gridded	1.28E-04	1.81E-05	2.53E-05	3.79E-06	1.61E-03	2.40E-04	1.64E-03	2.41E-04	1.63E-03	2.48E-04	3.82E-05	5.76E-06	6.41E-03	9.60E-04	6.91E-03	9.76E-04	7.88E-03	1.43E-03	1.61E-03	2.40E-04	3.02E-04	4.56E-05	8.75E-05	1.32E-05	2.07E-04	3.12E-05	4.11E-05	4.11E-05	7.73E-01	3.34E-01	1.83E+00	5.21E-01
3061	Gridded	1.69E-04	2.94E-05	3.46E-05	5.51E-06	2.07E-03	3.86E-04	2.13E-03	3.88E-04	2.25E-03	3.52E-04	4.89E-05	9.23E-06	8.24E-03	1.54E-03	9.18E-03	1.58E-03	9.47E-03	1.51E-03	2.08E-03	3.86E-04	3.87E-04	7.31E-05	1.12E-04	2.12E-05	2.65E-04	5.00E-05	4.14E-05	4.14E-05	1.00E+00	3.73E-01	1.86E+00	4.55E-01
3062	Gridded	1.92E-04	3.61E-05	4.01E-05	6.98E-06	2.30E-03	4.61E-04	2.39E-03	4.67E-04	2.61E-03	4.49E-04	5.43E-05	1.10E-05	9.17E-03	1.84E-03	1.05E-02	1.94E-03	1.24E-02	1.42E-03	2.32E-03	4.62E-04	4.30E-04	8.70E-05	1.25E-04	2.52E-05	2.94E-04	5.95E-05	5.68E-05	5.68E-05	1.13E+00	3.65E-01	2.07E+00	3.78E-01
3063	Gridded	1.95E-04	3.73E-05	4.13E-05	7.53E-06	2.30E-03	4.61E-04	2.40E-03	4.73E-04	2.70E-03	4.87E-04	5.42E-05	1.09E-05	9.17E-03	1.84E-03	1.06E-02	2.02E-03	1.40E-02	1.76E-03	2.32E-03	4.64E-04	4.29E-04	8.66E-05	1.24E-04	2.51E-05	2.94E-04	5.92E-05	7.08E-05	7.08E-05	1.14E+00	3.19E-01	2.17E+00	3.85E-01
3064	Gridded	1.81E-04	3.30E-05	3.82E-05	6.92E-06	2.24E-03	3.93E-04	2.30E-03	4.08E-04	2.50E-03	4.51E-04	5.33E-05	9.28E-06	8.95E-03	1.57E-03	9.81E-03	1.80E-03	1.42E-02	2.20E-03	2.26E-03	3.97E-04	4.22E-04	7.34E-05	1.22E-04	2.13E-05	2.88E-04	5.03E-05	7.32E-05	7.32E-05	1.17E+00	2.62E-01	2.27E+00	3.48E-01
3065	Gridded	6.20E-05	1.73E-05	1.27E-05	3.63E-06	7.56E-04	2.09E-04	7.78E-04	2.14E-04	8.25E-04	2.36E-04	1.79E-05	4.95E-06	3.01E-03	8.33E-04	3.37E-03	9.41E-04	3.39E-03	1.15E-03	7.61E-04	2.10E-04	1.42E-04	3.92E-05	4.10E-05	1.13E-05	9.69E-05	2.68E-05	3.84E-05	3.84E-05	6.43E-01	1.64E-01	1.63E+00	1.87E-01
3066	Gridded	6.41E-05	1.86E-05	1.31E-05	3.90E-06	7.82E-04	2.22E-04	8.05E-04	2.30E-04	8.50E-04	2.55E-04	1.85E-05	5.24E-06	3.12E-03	8.85E-04	3.48E-03	1.01E-03	3.44E-03	1.24E-03	7.87E-04	2.24E-04	1.47E-04	4.15E-05	4.25E-05	1.20E-05	1.00E-04	2.84E-05	4.12E-05	4.12E-05	7.16E-01	1.79E-01	1.91E+00	1.99E-01
3067	Gridded	6.06E-05	1.90E-05	1.24E-05	4.00E-06	7.39E-04	2.26E-04	7.61E-04	2.35E-04	8.06E-04	2.61E-04	1.75E-05	5.34E-06	2.95E-03	9.02E-04	3.29E-03	1.04E-03	3.30E-03	1.29E-03	7.44E-04	2.28E-04	1.39E-04	4.23E-05	4.01E-05	1.22E-05	9.48E-05	2.89E-05	4.25E-05	4.25E-05	7.89E-01	1.97E-01	2.24E+00	2.09E-01
3068	Gridded	5.32E-05	1.82E-05	1.09E-05	3.84E-06	6.47E-04	2.15E-04	6.67E-04	2.24E-04	7.08E-04	2.51E-04	1.53E-05	5.08E-06	2.58E-03	8.58E-04	2.89E-03	9.91E-04	3.27E-03	1.28E-03	6.52E-04	2.17E-04	1.21E-04	4.02E-05	3.51E-05	1.16E-05	8.30E-05	2.75E-05	4.14E-05	4.14E-05	8.29E-01	2.06E-01	2.55E+00	2.12E-01
3069	Gridded	5.75E-05	1.65E-05	1.17E-05	3.49E-06	7.05E-04	1.94E-04	7.25E-04	2.02E-04	7.59E-04	2.28E-04	1.67E-05	4.58E-06	2.81E-03	7.74E-04	3.12E-03	8.98E-04	3.30E-03	1.19E-03	7.10E-04	1.96E-04	1.32E-04	3.62E-05	3.83E-05	1.05E-05	9.05E-05	2.48E-05	3.80E-05	3.80E-05	8.09E-01	2.05E-01	2.76E+00	2.28E-01
3070	Gridded	6.53E-05	1.67E-05	1.30E-05	3.41E-06	8.12E-04	2.04E-04	8.30E-04	2.10E-04	8.43E-04	2.21E-04	1.93E-05	4.83E-06	3.24E-03	8.13E-04	3.53E-03	9.05E-04	3.29E-03	1.04E-03	8.16E-04	2.05E-04	1.53E-04	3.82E-05	4.42E-05	1.11E-05	1.04E-04	2.61E-05	3.34E-05	3.34E-05	9.20E-01	2.05E-01	2.93E+00	2.61E-01
3071	Gridded	6.96E-05	1.67E-05	1.39E-05	3.44E-06	8.67E-04	2.04E-04	8.86E-04	2.10E-04	8.98E-04	2.24E-04	2.06E-05	4.82E-06	3.46E-03	8.12E-04	3.76E-03	9.07E-04	3.31E-03	9.60E-04	8.71E-04	2.05E-04	1.63E-04	3.82E-05	4.72E-05	1.11E-05	1.12E-04	2.61E-05	3.45E-05	3.45E-05	9.66E-01	2.02E-01	2.88E+00	2.89E-01
3072	Gridded	6.59E-05	1.76E-05	1.32E-05	3.62E-06	8.18E-04	2.13E-04	8.38E-04	2.20E-04	8.54E-04	2.35E-04	1.94E-05	5.04E-06	3.27E-03	8.50E-04	3.57E-03	9.55E-04	3.77E-03	1.01E-03	8.23E-04	2.15E-04	1.54E-04	3.99E-05	4.45E-05	1.16E-05	1.05E-04	2.73E-05	3.64E-05	3.64E-05	9.03E-01	2.47E-01	3.30E+00	3.02E-01
3073	Gridded	7.24E-05	1.57E-05	1.53E-05	3.28E-06	8.59E-04	1.89E-04	8.93E-04	1.96E-04	9.96E-04	2.14E-04	2.02E-05	4.46E-06	3.42E-03	7.53E-04	3.94E-03	8.56E-04	5.03E-03	9.95E-04	8.66E-04	1.90E-04	1.60E-04	3.53E-05	4.64E-05	1.02E-05	1.10E-04	2.42E-05	3.40E-05	3.40E-05	7.57E-01	2.61E-01	3.33E+00	2.84E-01
3074	Gridded	9.83E-05	1.61E-05	2.08E-05	3.19E-06	1.16E-03	2.02E-04	1.21E-03	2.06E-04	1.36E-03	2.06E-04	2.74E-05	4.81E-06	4.63E-03	8.07E-04	5.36E-03	8.70E-04	6.99E-03	7.96E-04	1.17E-03	2.03E-04	2.17E-04	3.81E-05	6.27E-05	1.10E-05	1.48E-04	2.60E-05	2.82E-05	2.82E-05	9.06E-01	2.42E-01	2.70E+00	3.11E-01
3075	Gridded	1.26E-04	1.77E-05	2.68E-05	3.52E-06	1.48E-03	2.22E-04	1.54E-03	2.27E-04	1.75E-03	2.27E-04	3.48E-05	5.28E-06	5.88E-03	8.86E-04	6.87E-03	9.57E-04	9.45E-03	6.89E-04	1.49E-03	2.23E-04	2.75E-04	4.18E-05	7.97E-05	1.21E-05	1.88E-04	2.86E-05	3.13E-05	3.13E-05	1.11E+00	2.37E-01	1.93E+00	3.95E-01
3076	Gridded	1.43E-04	1.55E-05	3.08E-05	3.13E-06	1.65E-03	1.92E-04	1.73E-03	1.97E-04	2.02E-03	2.03E-04	3.88E-05	4.55E-06	6.58E-03	7.65E-04	7.80E-03	8.40E-04	1.17E-02	7.30E-04	1.67E-03	1.93E-04	3.07E-04	3.60E-05	8.90E-05	1.04E-05	2.10E-04	2.46E-05	2.94E-05	2.94E-05	9.83E-01	2.93E-01	2.26E+00	3.93E-01
3077	Gridded	1.33E-04	1.03E-05	2.96E-05	2.06E-06	1.49E-03	1.29E-04	1.58E-03	1.32E-04	1.95E-03	1.34E-04	3.48E-05	3.05E-06	5.92E-03	5.13E-04	7.30E-03	5.58E-04	1.32E-02	6.60E-04	1.51E-03	1.29E-04	2.75E-04	2.42E-05	7.97E-05	7.00E-06	1.88E-04	1.65E-05	2.11E-05	2.11E-05	9.16E-01	2.66E-01	2.17E+00	3.71E-01
3078	Gridded	9.15E-05	1.03E-05	2.19E-05	2.03E-06	9.48E-04	1.29E-04	1.03E-03	1.31E-04	1.46E-03	1.31E-04	2.18E-05	3.06E-06	3.75E-03	5.13E-04	5.09E-03	5.53E-04	1.27E-02	5.94E-04	9.67E-04	1.29E-04	1.73E-04	2.42E-05	5.00E-05	7.01E-06	1.18E-04	1.66E-05	1.95E-05	1.95E-05	1.08E+00	1.69E-01	9.15E-01	2.78E-01
3079	Gridded	6.71E-05	1.49E-05	1.46E-05	2.97E-06	8.21E-04	1.86E-04	8.36E-04	1.90E-04	9.55E-04	1.92E-04	1.95E-05	4.41E-06	3.28E-03	7.40E-04	3.68E-03	8.04E-04	9.61E-03	6.20E-04	8.24E-04	1.86E-04	1.55E-04	3.49E-05	4.48E-05	1.01E-05	1.06E-04	2.39E-05	2.69E-05	2.69E-05	1.43E+00	1.88E-01	9.12E-01	1.20E-01
3080	Gridded	6.41E-05	1.59E-05	1.39E-05	3.27E-06	8.13E-04	1.93E-04	8.26E-04	1.99E-04	9.14E-04	2.12E-04	1.94E-05	4.56E-06	3.25E-03	7.69E-04	3.49E-03	8.62E-04	5.60E-03	9.02E-04	8.16E-04	1.94E-04	1.53E-04	3.61E-05	4.44E-05	1.05E-05	1.05E-04	2.47E-05	3.27E-05	3.27E-05	1.15E+00	1.90E-01	9.40E-01	1.14E-01
3081	Gridded	6.49E-05	1.08E-05	1.27E-05	2.42E-06	8.21E-04	1.27E-04	8.35E-04	1.31E-04	8.30E-04	1.59E-04	1.95E-05	3.00E-06	3.28E-03	5.06E-04	3.49E-03	5.96E-04	5.32E-03	1.08E-03	8.24E-04	1.28E-04	1.55E-04	2.38E-05	4.48E-05	6.88E-06	1.06E-04	1.63E-05	2.98E-05	2.98E-05	2.12E+00	1.98E-01	3.64E+00	1.67E-01
3082	Gridded	7.28E-05	1.06E-05	1.38E-05	2.19E-06	9.45E-04	1.28E-04	9.53E-04	1.32E-04	8.81E-04	1.43E-04	2.26E-05	3.04E-06	3.77E-03	5.11E-04	3.90E-03	5.76E-04	4.80E-03	9.26E-04	9.46E-04	1.29E-04	1.79E-04	2.40E-05	5.17E-05	6.96E-06	1.22E-04	1.64E-05	2.22E-05	2.22E-05	1.32E+00	1.78E-01	2.33E+00	1.13E-01
3083	Gridded	8.23E-05	1.54E-05	1.66E-05	2.95E-06	1.02E-03	1.98E-04	1.04E-03	2.00E-04	1.07E-03	1.89E-04	2.41E-05	4.72E-06	4.05E-03	7.90E-04	4.45E-03	8.26E-04	4.36E-03	7.02E-04	1.02E-03	1.98E-04	1.91E-04	3.74E-05	5.52E-05	1.08E-05	1.31E-04	2.56E-05	2.31E-05	2.31E-05	1.10E+00	1.50E-01	2.34E+00	1.03E-01
3084	Gridded	9.48E-05	1.53E-05	2.03E-05	3.07E-06	1.16E-03	1.89E-04	1.16E-03	1.94E-04	1.33E-03	1.98E-04	2.77E-05	4.49E-06	4.62E-03	7.54E-04	5.18E-03	8.25E-04	7.31E-03	7.05E-04	1.16E-03	1.90E-04	2.19E-04	3.55E-05	6.35E-05	1.03E-05	1.50E-04	2.43E-05	2.85E-05	2.85E-05	1.63E+00	1.99E-01	2.98E+00	1.96E-01
3085	Gridded	8.88E-05	1.56E-05	2.01E-05	3.07E-06	1.06E-03	2.03E-04	1.10E-03	2.03E-04	1.33E-03	1.98E-04	2.50E-05	4.86E-06	4.23E-03	8.10E-04	4.88E-03	8.43E-04	9.67E-03	9.27E-04	1.07E-03	2.03E-04	1.98E-04	3.84E-05	5.74E-05	1.11E-05	1.36E-04	2.63E-05	2.78E-05	2.78E-05	2.86E+00	2.44E-01	4.84E+00	3.12E-01
3086	Gridded	8.46E-05	2.07E-05	1.87E-05	3.91E-06	1.12E-03	2.70E-04	1.12E-03	2.72E-04	1.23E-03	2.50E-04	2.68E-05	6.45E-06	4.47E-03	1.08E-03	4.62E-03	1.11E-03	9.83E-03	8.81E-04	1.12E-03	2.70E-04	2.12E-04	5.11E-05	6.13E-05	1.48E-05	1.45E-04	3.49E-05	2.86E-05	2.86E-05	2.15E+00	2.37E-01	3.42E+00	4.13E-01
3087	Gridded	8.54E-05	2.37E-05	1.65E-05	4.59E-06	1.13E-03	3.03E-04	1.13E-03	3.07E-04	1.10E-03	2.95E-04	2.71E-05	7.21E-06	4.53E-03	1.21E-03	4.56E-03	1.27E-03	8.97E-03	8.85E-04	1.13E-03	3.03E-04	2.15E-04	5.71E-05	6.22E-05	1.65E-05	1.47E-04	3.91E-05	3.74E-05	3.74E-05	1.51E+00	2.28E-01	2.56E+00	3.71E-01
3088	Gridded	1.04E-04	2.29E-05	1.90E-05	4.56E-06	1.39E-03	2.86E-04	1.39E-03	2.92E-04	1.21E-03	2.95E-04	3.33E-05	6.79E-06	5.55E-03	1.14E-03	5.55E-03	1.24E-03	8.15E-03	9.42E-04	1.39E-03	2.87E-04	2.64E-04	5.38E-05	7.63E-05	1.56E-05	1.80E-04	3.68E-05	4.13E-05	4.13E-05	1.07E+00	2.29E-01	1.69E+00	5.69E-01
3089	Gridded	9.41E-05	1.90E-05	1.73E-05	3.92E-06	1.25E-03	2.29E-04	1.25E-03	2.37E-04	1.12E-03	2.55E-04	3.01E-05	5.42E-06	5.01E-03	9.14E-04	5.02E-03	1.03E-03	6.56E-03	1.12E-03	1.25E-03	2.31E-04	2.38E-04	4.29E-05	6.89E-05	1.24E-05	1.63E-04	2.94E-05	3.97E-05	3.97E-05	9.08E-01	3.62E-01	2.74E+00	7.16E-01
3090	Gridded	1.09E-04	1.47E-05	2.12E-05	3.17E-06	1.41E-03	1.90E-04	1.43E-03	1.90E-04	1.37E-03	2.08E-04	3.37E-05	4.55E-06	5.64E-03	7.59E-04	5.87E-03	8.04E-04	7.27E-03	1.20E-03	1.41E-03	1.90E-04	2.67E-04	3.60E-05	7.72E-05	1.04E-05	1.83E-04	2.47E-05	3.62E-05	3.62E-05	8.78E-01	4.29E-01	2.14E+00	6.01E-01
3091	Gridded	1.59E-04	2.28E-05	3.16E-05	4.24E-06	1.99E-03	3.00E-04	2.03E-03	3.01E-04	2.04E-03	2.70E-04	4.73E-05	7.19E-06	7.94E-03	1.20E-03	8.58E-03	1.22E-03	8.22E-03	1.20E-03	2.00E-03	3.00E-04	3.74E-04	5.69E-05	1.08E-04	1.65E-05	2.56E-04	3.90E-05	3.25E-05	3.25E-05	8.94E-01	4.08E-01	1.85E+00	4.28E-01
3092	Gridded	1.86E-04	2.95E-05	3.82E-05	5.61E-06	2.25E-03	3.81E-04	2.32E-03	3.85E-04	2.48E-03	3.59E-04	5.33E-05	9.10E-06	8.98E-03	1.52E-03	1.01E-02	1.58E-03	1.06E-02	1.12E-03	2.27E-03	3.82E-04	4.22E-04	7.21E-05	1.22E-04	2.09E-05	2.89E-04	4.93E-05	4.27E-05	4.27E-05	1.17E+00	3.57E-01	2.20E+00	3.24E-01
3093	Gridded	1.87E-04	3.02E-05	3.94E-05	5.96E-06	2.22E-03	3.80E-04	2.31E-03	3.87E-04	2.57E-03	3.84E-04	5.24E-05	9.03E-06	8.85E-03	1.52E-03	1.02E-02	1.63E-03	1.29E-02	1.26E-03	2.24E-03	3.81E-04	4.15E-04	7.15E-05	1.20E-04	2.07E-05	2.84E-04	4.89E-05	5.21E-05	5.21E-05	1.41E+00	2.82E-01	2.40E+00	3.24E-01
3094	Gridded	1.88E-04	2.68E-05	3.74E-05	5.54E-06	2.36E-03	3.24E-04	2.41E-03	3.34E-04	2.43E-03	3.60E-04	5.61E-05	7.65E-06	9.42E-03	1.29E-03	1.02E-02	1.46E-03	1.32E-02	1.60E-03	2.37E-03	3.26E-04	4.44E-04	6.05E-05	1.29E-04	1.75E-05	3.04E-04	4.14E-05	5.63E-05	5.63E-05	1.49E+00	2.58E-01	2.82E+00	3.54E-01
3095	Gridded	2.01E-04	2.10E-05	4.09E-05	4.54E-06	2.47E-03	2.43E-04	2.53E-03	2.54E-04	2.65E-03	2.98E-04	5.84E-05	5.69E-06	9.83E-03	9.65E-04	1.09E-02	1.15E-03	1.22E-02	1.75E-03	2.48E-03	2.45E-04	4.62E-04	4.51E-05	1.34E-04	1.30E-05	3.16E-04	3.08E-05	5.23E-05	5.23E-05	1.33E+00	2.37E-01	2.95E+00	3.60E-01
3096	Gridded	5.92E-05	1.51E-05	1.15E-05	3.03E-06	7.54E-04	1.88E-04	7.66E-04	1.92E-04	7.40E-04	1.98E-04	1.80E-05	4.46E-06	3.01E-03	7.49E-04	3.19E-03	8.17E-04	3.17E-03	1.03E-03	7.57E-04	1.89E-04	1.42E-04	3.53E-05	4.12E-05	1.02E-05	9.74E-05	2.41E-05	3.29E-05	3.29E-05	6.24E-01	1.70E-01	1.64E+00	1.90E-01
3097	Gridded	6.35E-05	1.66E-05	1.29E-05	3.43E-06	7.79E-04	2.06E-04	8.01E-04	2.10E-04	8.36E-04	2.24E-04	1.85E-05	4.88E-06	3.11E-03	8.20E-04	3.44E-03	8.96E-04	3.22E-03	1.06E-03	7.84E-04	2.07E-04	1.46E-04	3.86E-05	4.23E-05	1.12E-05	1.00E-04	2.64E-05	3.58E-05	3.58E-05	6.22E-01	1.80E-01	1.66E+00	1.94E-01
3098	Gridded	6.84E-05	1.82E-05	1.39E-05	3.80E-06	8.41E-04	2.18E-04	8.64E-04	2.26E-04	8.99E-04	2.47E-04	1.99E-05	5.14E-06	3.35E-03	8.67E-04	3.71E-03	9.89E-04	3.40E-03	1.17E-03	8.46E-04	2.19E-04	1.58E-04	4.07E-05	4.57E-05	1.18E-05	1.08E-04	2.78E-05	3.97E-05	3.97E-05	6.56E-01	1.87E-01	1.66E+00	1.94E-01
3099	Gridded	7.07E-05	1.93E-05	1.43E-05	4.03E-06	8.70E-04	2.31E-04	8.93E-04	2.39E-04	9.26E-04	2.63E-04	2.06E-05	5.45E-06	3.47E-03	9.20E-04	3.83E-03	1.05E-03	3.43E-03	1.25E-03	8.75E-04	2.33E-04	1.63E-04	4.31E-05	4.73E-05	1.25E-05	1.12E-04	2.95E-05	4.22E-05	4.22E-05	7.20E-01	1.91E-01	1.63E+00	2.02E-01
3100	Gridded	6.64E-05	1.96E-05	1.34E-05	4.10E-06	8.18E-04	2.35E-04	8.39E-04	2.43E-04	8.71E-04	2.67E-04	1.94E-05	5.54E-06	3.26E-03	9.36E-04	3.60E-03	1.07E-03	3.25E-03	1.27E-03	8.23E-04	2.37E-04	1.54E-04	4.39E-05	4.44E-05	1.27E-05	1.05E-04	3.00E-05	4.29E-05	4.29E-05	8.00E-01	2.16E-01	1.97E+00	2.12E-01
3101	Gridded	5.37E-05	1.85E-05	1.09E-05	3.88E-06	6.57E-04	2.21E-04	6.76E-04	2.29E-04	7.10E-04	2.53E-04	1.56E-05	5.20E-06	2.62E-03	8.79E-04	2.91E-03	1.01E-03	3.24E-03	1.23E-03	6.61E-04	2.22E-04	1.23E-04	4.12E-05	3.57E-05	1.19E-05	8.43E-05	2.82E-05	4.09E-05	4.09E-05	8.68E-01	2.30E-01	2.36E+00	2.23E-01
3102	Gridded	5.67E-05	1.58E-05	1.15E-05	3.34E-06	7.11E-04	1.88E-04	7.25E-04	1.95E-04	7.48E-04	2.18E-04	1.69E-05	4.42E-06	2.84E-03	7.47E-04	3.06E-03	8.62E-04	3.46E-03	1.11E-03	7.14E-04	1.89E-04	1.34E-04	3.50E-05	3.87E-05	1.01E-05	9.16E-05	2.39E-05	3.59E-05	3.59E-05	8.73E-01	2.37E-01	2.72E+00	2.40E-01
3103	Gridded	6.53E-05	1.59E-05	1.29E-05	3.21E-06	8.24E-04	1.95E-04	8.39E-04	2.00E-04	8.30E-04	2.08E-04	1.96E-05	4.62E-06	3.29E-03	7.78E-04	3.52E-03	8.59E-04	3.49E-03	9.06E-04	8.27E-04	1.96E-04	1.55E-04	3.66E-05	4.50E-05	1.06E-05	1.06E-04	2.50E-05	3.07E-05	3.07E-05	9.13E-01	2.40E-01	3.04E+00	2.73E-01
3104	Gridded	6.58E-05	1.60E-05	1.29E-05	3.20E-06	8.32E-04	2.00E-04	8.46E-04	2.04E-04	8.32E-04	2.07E-04	1.98E-05	4.74E-06	3.32E-03	7.97E-04	3.55E-03	8.66E-04	3.72E-03	7.53E-04	8.35E-04	2.01E-04	1.57E-04	3.75E-05	4.54E-05	1.09E-05	1.07E-04	2.57E-05	2.91E-05	2.91E-05	9.44E-01	2.39E-01	3.04E+00	3.09E-01
3105	Gridded	6.63E-05	1.42E-05	1.41E-05	2.85E-06	7.82E-04	1.76E-04	8.14E-04	1.80E-04	9.19E-04	1.84E-04	1.84E-05	4.18E-06	3.11E-03	7.02E-04	3.62E-03	7.67E-04	4.83E-03	6.57E-04	7.89E-04	1.77E-04	1.46E-04	3.31E-05	4.22E-05	9.57E-06	9.97E-05	2.26E-05	2.64E-05	2.64E-05	8.35E-01	2.88E-01	3.22E+00	3.22E-01
3106	Gridded	9.12E-05	1.65E-05	1.94E-05	3.17E-06	1.07E-03	2.12E-04	1.12E-03	2.15E-04	1.27E-03	2.03E-04	2.53E-05	5.06E-06	4.28E-03	8.48E-04	4.97E-03	8.87E-04	6.69E-03	5.66E-04	1.08E-03	2.13E-04	2.01E-04	4.01E-05	5.81E-05	1.16E-05	1.37E-04	2.74E-05	2.50E-05	2.50E-05	1.12E+00	2.87E-01	3.00E+00	2.89E-01
3107	Gridded	1.10E-04	1.78E-05	2.37E-05	3.46E-06	1.27E-03	2.27E-04	1.33E-03	2.30E-04	1.55E-03	2.23E-04	2.99E-05	5.40E-06	5.06E-03	9.05E-04	6.00E-03	9.58E-04	8.98E-03	5.45E-04	1.29E-03	2.27E-04	2.36E-04	4.28E-05	6.84E-05	1.24E-05	1.62E-04	2.93E-05	2.87E-05	2.87E-05	1.30E+00	2.66E-01	1.87E+00	3.49E-01
3108	Gridded	1.04E-04	1.31E-05	2.34E-05	2.63E-06	1.15E-03	1.63E-04	1.23E-03	1.67E-04	1.54E-03	1.70E-04	2.69E-05	3.86E-06	4.58E-03	6.49E-04	5.72E-03	7.09E-04	1.09E-02	5.77E-04	1.17E-03	1.64E-04	2.13E-04	3.06E-05	6.16E-05	8.86E-06	1.46E-04	2.09E-05	2.42E-05	2.42E-05	9.40E-01	3.35E-01	1.87E+00	2.96E-01
3109	Gridded	6.80E-05	8.41E-06	1.69E-05	1.70E-06	7.69E-04	1.03E-04	7.89E-04	1.06E-04	1.13E-03	1.10E-04	1.82E-05	2.45E-06	3.07E-03	4.13E-04	3.81E-03	4.55E-04	1.09E-02	5.25E-04	7.74E-04	1.04E-04	1.44E-04	1.94E-05	4.18E-05	5.62E-06	9.88E-05	1.33E-05	1.63E-05	1.63E-05	9.07E-01	2.53E-01	1.03E+00	1.53E-01
3110	Gridded	5.72E-05	1.07E-05	1.17E-05	2.10E-06	7.37E-04	1.35E-04	7.45E-04	1.38E-04	7.68E-04	1.35E-04	1.76E-05	3.22E-06	2.94E-03	5.39E-04	3.07E-03	5.77E-04	7.85E-03	4.91E-04	7.39E-04	1.36E-04	1.39E-04	2.55E-05	4.03E-05	7.37E-06	9.53E-05	1.74E-05	1.81E-05	1.81E-05	8.60E-01	1.55E-01	9.76E-01	1.26E-01
3111	Gridded	5.51E-05	1.21E-05	1.10E-05	2.44E-06	6.95E-04	1.48E-04	7.07E-04	1.52E-04	7.25E-04	1.58E-04	1.65E-05	3.52E-06	2.77E-03	5.92E-04	2.97E-03	6.53E-04	4.53E-03	5.94E-04	6.97E-04	1.49E-04	1.31E-04	2.78E-05	3.79E-05	8.06E-06	8.95E-05	1.90E-05	2.33E-05	2.33E-05	7.89E-01	1.42E-01	1.10E+00	6.61E-02
3112	Gridded	6.48E-05	8.55E-06	1.23E-05	1.71E-06	8.38E-04	1.06E-04	8.46E-04	1.09E-04	7.88E-04	1.11E-04	2.00E-05	2.52E-06	3.35E-03	4.23E-04	3.47E-03	4.62E-04	4.23E-03	7.51E-04	8.40E-04	1.07E-04	1.59E-04	1.99E-05	4.59E-05	5.77E-06	1.08E-04	1.36E-05	2.05E-05	2.05E-05	1.00E+00	1.65E-01	1.33E+00	7.51E-02

Scenario 1 Results

3113	Gridded	6.48E-05	9.35E-06	1.22E-05	1.81E-06	8.44E-04	1.20E-04	8.50E-04	1.21E-04	7.81E-04	1.16E-04	2.02E-05	2.85E-06	3.37E-03	4.78E-04	3.47E-03	5.03E-04	3.73E-03	6.22E-04	8.45E-04	1.20E-04	1.60E-04	2.26E-05	4.63E-05	6.54E-06	1.09E-04	1.55E-05	1.72E-05	1.72E-05	9.37E-01	1.40E-01	1.32E+00	9.05E-02
3114	Gridded	8.69E-05	1.30E-05	1.59E-05	2.47E-06	1.16E-03	1.69E-04	1.16E-03	1.70E-04	1.01E-03	1.58E-04	2.78E-05	4.03E-06	4.63E-03	6.74E-04	4.63E-03	6.98E-04	3.57E-03	5.30E-04	1.16E-03	1.69E-04	2.20E-04	3.19E-05	6.36E-05	9.24E-06	1.50E-04	2.19E-05	1.86E-05	1.86E-05	9.79E-01	1.61E-01	1.38E+00	1.07E-01
3115	Gridded	9.40E-05	1.51E-05	1.76E-05	2.86E-06	1.23E-03	1.95E-04	1.24E-03	1.97E-04	1.12E-03	1.83E-04	2.95E-05	4.66E-06	4.93E-03	7.80E-04	5.03E-03	8.07E-04	4.54E-03	5.52E-04	1.23E-03	1.96E-04	2.34E-04	3.69E-05	6.77E-05	1.07E-05	1.60E-04	2.53E-05	2.15E-05	2.15E-05	1.82E+00	1.85E-01	1.93E+00	1.61E-01
3116	Gridded	8.60E-05	1.80E-05	1.62E-05	3.35E-06	1.12E-03	2.37E-04	1.13E-03	2.38E-04	1.04E-03	2.14E-04	2.69E-05	5.68E-06	4.50E-03	9.48E-04	4.60E-03	9.63E-04	6.35E-03	7.52E-04	1.13E-03	2.37E-04	2.13E-04	4.50E-05	6.17E-05	1.30E-05	1.46E-04	3.08E-05	2.52E-05	2.52E-05	2.00E+00	2.63E-01	2.47E+00	3.10E-01
3117	Gridded	8.29E-05	2.15E-05	1.52E-05	4.09E-06	1.11E-03	2.78E-04	1.11E-03	2.81E-04	9.62E-04	2.62E-04	2.65E-05	6.64E-06	4.42E-03	1.11E-03	4.42E-03	1.15E-03	6.37E-03	7.36E-04	1.11E-03	2.79E-04	2.10E-04	5.26E-05	6.08E-05	1.52E-05	1.44E-04	3.60E-05	3.13E-05	3.13E-05	1.59E+00	2.66E-01	1.87E+00	3.00E-01
3118	Gridded	1.06E-04	2.12E-05	1.94E-05	4.07E-06	1.41E-03	2.78E-04	1.42E-03	2.79E-04	1.24E-03	2.62E-04	3.39E-05	6.65E-06	5.66E-03	1.11E-03	5.67E-03	1.13E-03	6.34E-03	7.84E-04	1.41E-03	2.78E-04	2.69E-04	5.27E-05	7.78E-05	1.52E-05	1.84E-04	3.60E-05	3.48E-05	3.48E-05	1.12E+00	2.63E-01	1.33E+00	4.83E-01
3119	Gridded	1.08E-04	1.89E-05	1.98E-05	3.71E-06	1.44E-03	2.38E-04	1.44E-03	2.42E-04	1.26E-03	2.39E-04	3.46E-05	5.66E-06	5.76E-03	9.49E-04	5.78E-03	1.02E-03	5.62E-03	9.02E-04	1.44E-03	2.39E-04	2.74E-04	4.48E-05	7.92E-05	1.30E-05	1.87E-04	3.06E-05	3.45E-05	3.45E-05	8.62E-01	4.53E-01	1.48E+00	6.68E-01
3120	Gridded	9.90E-05	1.54E-05	1.86E-05	3.21E-06	1.29E-03	1.85E-04	1.30E-03	1.92E-04	1.19E-03	2.09E-04	3.09E-05	4.37E-06	5.16E-03	7.37E-04	5.30E-03	8.38E-04	5.41E-03	9.70E-04	1.29E-03	1.86E-04	2.45E-04	3.46E-05	7.08E-05	1.00E-05	1.67E-04	2.37E-05	3.32E-05	3.32E-05	9.59E-01	4.58E-01	1.57E+00	5.17E-01
3121	Gridded	1.30E-04	1.71E-05	2.48E-05	3.18E-06	1.67E-03	2.26E-04	1.69E-03	2.27E-04	1.59E-03	2.03E-04	3.99E-05	5.41E-06	6.67E-03	9.04E-04	6.96E-03	9.16E-04	6.79E-03	1.01E-03	1.67E-03	2.26E-04	3.16E-04	4.29E-05	9.13E-05	1.24E-05	2.16E-04	2.93E-05	3.10E-05	3.10E-05	9.80E-01	3.77E-01	2.17E+00	3.28E-01
3122	Gridded	1.60E-04	1.84E-05	3.17E-05	3.50E-06	1.99E-03	2.39E-04	2.04E-03	2.41E-04	2.05E-03	2.24E-04	4.74E-05	5.72E-06	7.96E-03	9.56E-04	8.62E-03	9.89E-04	8.11E-03	9.21E-04	2.00E-03	2.40E-04	3.75E-04	4.53E-05	1.09E-04	1.31E-05	2.57E-04	3.10E-05	2.67E-05	2.67E-05	1.42E+00	2.76E-01	2.52E+00	2.95E-01
3123	Gridded	1.66E-04	1.82E-05	3.42E-05	3.56E-06	2.01E-03	2.29E-04	2.07E-03	2.33E-04	2.22E-03	2.29E-04	4.80E-05	5.46E-06	8.03E-03	9.16E-04	9.00E-03	9.79E-04	9.71E-03	9.65E-04	2.02E-03	2.30E-04	3.80E-04	4.32E-05	1.10E-04	1.25E-05	2.60E-04	2.96E-05	3.05E-05	3.05E-05	1.64E+00	2.39E-01	3.00E+00	3.06E-01
3124	Gridded	1.76E-04	1.69E-05	3.44E-05	3.40E-06	2.24E-03	2.09E-04	2.27E-03	2.14E-04	2.21E-03	2.20E-04	5.33E-05	4.97E-06	8.94E-03	8.35E-04	9.49E-03	9.14E-04	1.08E-02	1.01E-03	2.25E-03	2.10E-04	4.22E-04	3.93E-05	1.22E-04	1.14E-05	2.89E-04	2.69E-05	3.16E-05	3.16E-05	1.60E+00	2.25E-01	3.19E+00	3.26E-01
3125	Gridded	1.85E-04	1.63E-05	3.72E-05	3.37E-06	2.30E-03	1.97E-04	2.35E-03	2.03E-04	2.41E-03	2.19E-04	5.45E-05	4.65E-06	9.16E-03	7.85E-04	1.00E-02	8.85E-04	1.04E-02	1.12E-03	2.31E-03	1.98E-04	4.32E-04	3.68E-05	1.25E-04	1.07E-05	2.95E-04	2.52E-05	3.41E-05	3.41E-05	1.65E+00	2.05E-01	3.06E+00	3.55E-01
3126	Gridded	1.82E-04	1.56E-05	3.75E-05	3.12E-06	2.20E-03	1.93E-04	2.27E-03	1.98E-04	2.44E-03	2.02E-04	5.21E-05	4.59E-06	8.78E-03	7.71E-04	9.88E-03	8.42E-04	1.12E-02	1.06E-03	2.22E-03	1.94E-04	4.12E-04	3.63E-05	1.19E-04	1.05E-05	2.82E-04	2.48E-05	3.36E-05	3.36E-05	1.58E+00	2.18E-01	2.80E+00	3.65E-01
3127	Gridded	5.40E-05	1.44E-05	1.11E-05	2.92E-06	6.55E-04	1.76E-04	6.76E-04	1.81E-04	7.23E-04	1.89E-04	1.55E-05	4.18E-06	2.61E-03	7.03E-04	2.93E-03	7.78E-04	3.46E-03	9.41E-04	6.60E-04	1.77E-04	1.23E-04	3.31E-05	3.55E-05	9.58E-06	8.40E-05	2.26E-05	3.03E-05	3.03E-05	6.45E-01	1.49E-01	1.06E+00	2.02E-01
3128	Gridded	5.16E-05	1.43E-05	1.08E-05	2.97E-06	6.27E-04	1.76E-04	6.39E-04	1.80E-04	7.03E-04	1.94E-04	1.50E-05	4.16E-06	2.50E-03	7.00E-04	2.81E-03	7.76E-04	3.37E-03	9.90E-04	6.28E-04	1.77E-04	1.18E-04	3.29E-05	3.43E-05	9.54E-06	8.10E-05	2.25E-05	3.21E-05	3.21E-05	6.58E-01	1.67E-01	1.07E+00	2.14E-01
3129	Gridded	5.47E-05	1.44E-05	1.10E-05	3.05E-06	6.75E-04	1.71E-04	6.92E-04	1.78E-04	7.15E-04	1.99E-04	1.60E-05	4.02E-06	2.69E-03	6.80E-04	2.96E-03	7.86E-04	3.42E-03	1.02E-03	6.79E-04	1.72E-04	1.27E-04	3.19E-05	3.67E-05	9.22E-06	8.68E-05	2.18E-05	3.29E-05	3.29E-05	6.54E-01	1.82E-01	1.24E+00	2.22E-01
3130	Gridded	6.45E-05	1.58E-05	1.30E-05	3.28E-06	7.99E-04	1.90E-04	8.19E-04	1.97E-04	8.38E-04	2.14E-04	1.90E-05	4.49E-06	3.19E-03	7.57E-04	3.49E-03	8.59E-04	3.45E-03	1.01E-03	8.04E-04	1.91E-04	1.50E-04	3.55E-05	4.35E-05	1.03E-05	1.03E-04	2.43E-05	3.39E-05	3.39E-05	6.81E-01	1.95E-01	1.38E+00	2.24E-01
3131	Gridded	7.09E-05	1.77E-05	1.42E-05	3.68E-06	8.80E-04	2.14E-04	9.01E-04	2.21E-04	9.18E-04	2.39E-04	2.09E-05	5.05E-06	3.51E-03	8.52E-04	3.83E-03	9.64E-04	3.31E-03	1.08E-03	8.84E-04	2.15E-04	1.65E-04	4.00E-05	4.79E-05	1.16E-05	1.13E-04	2.74E-05	3.77E-05	3.77E-05	6.99E-01	2.06E-01	1.43E+00	2.26E-01
3132	Gridded	7.23E-05	1.90E-05	1.45E-05	3.93E-06	8.99E-04	2.29E-04	9.20E-04	2.36E-04	9.36E-04	2.56E-04	2.13E-05	5.41E-06	3.59E-03	9.12E-04	3.91E-03	1.03E-03	3.30E-03	1.15E-03	9.03E-04	2.30E-04	1.69E-04	4.28E-05	4.89E-05	1.24E-05	1.16E-04	2.93E-05	4.02E-05	4.02E-05	6.98E-01	2.13E-01	1.39E+00	2.25E-01
3133	Gridded	6.72E-05	1.90E-05	1.34E-05	3.94E-06	8.37E-04	2.30E-04	8.56E-04	2.37E-04	8.66E-04	2.57E-04	1.99E-05	5.42E-06	3.34E-03	9.15E-04	3.63E-03	1.03E-03	3.31E-03	1.15E-03	8.41E-04	2.31E-04	1.57E-04	4.29E-05	4.56E-05	1.24E-05	1.08E-04	2.94E-05	4.03E-05	4.03E-05	7.56E-01	2.19E-01	1.35E+00	2.18E-01
3134	Gridded	5.82E-05	1.74E-05	1.20E-05	3.61E-06	7.04E-04	2.09E-04	7.27E-04	2.16E-04	7.82E-04	2.35E-04	1.67E-05	4.94E-06	2.81E-03	8.34E-04	3.16E-03	9.44E-04	3.49E-03	1.06E-03	7.09E-04	2.11E-04	1.32E-04	3.91E-05	3.82E-05	1.13E-05	9.02E-05	2.68E-05	3.70E-05	3.70E-05	8.24E-01	2.55E-01	1.78E+00	2.18E-01
3135	Gridded	5.81E-05	1.39E-05	1.20E-05	2.90E-06	7.04E-04	1.72E-04	7.24E-04	1.76E-04	7.82E-04	1.89E-04	1.68E-05	4.08E-06	2.81E-03	6.85E-04	3.15E-03	7.55E-04	3.71E-03	8.98E-04	7.06E-04	1.73E-04	1.33E-04	3.23E-05	3.85E-05	9.35E-06	9.09E-05	2.21E-05	3.03E-05	3.03E-05	8.51E-01	2.75E-01	2.28E+00	2.37E-01
3136	Gridded	5.45E-05	1.24E-05	1.11E-05	2.51E-06	6.93E-04	1.55E-04	7.04E-04	1.57E-04	7.23E-04	1.62E-04	1.65E-05	3.68E-06	2.77E-03	6.17E-04	2.93E-03	6.71E-04	3.78E-03	6.82E-04	6.95E-04	1.55E-04	1.31E-04	2.91E-05	3.79E-05	8.43E-06	8.95E-05	1.99E-05	2.37E-05	2.37E-05	8.11E-01	2.81E-01	2.69E+00	2.47E-01
3137	Gridded	5.00E-05	1.14E-05	1.01E-05	2.26E-06	6.58E-04	1.43E-04	6.59E-04	1.46E-04	6.51E-04	1.46E-04	1.58E-05	3.39E-06	2.63E-03	5.69E-04	2.71E-03	6.14E-04	3.60E-03	5.09E-04	6.58E-04	1.43E-04	1.25E-04	2.68E-05	3.61E-05	7.77E-06	8.54E-05	1.84E-05	2.01E-05	2.01E-05	8.22E-01	2.65E-01	2.73E+00	2.76E-01
3138	Gridded	8.34E-05	1.57E-05	1.54E-05	2.99E-06	1.10E-03	2.04E-04	1.11E-03	2.06E-04	9.83E-04	1.91E-04	2.64E-05	4.88E-06	4.41E-03	8.15E-04	4.46E-03	8.44E-04	5.01E-03	4.44E-04	1.10E-03	2.04E-04	2.09E-04	3.86E-05	6.05E-05	1.12E-05	1.43E-04	2.64E-05	2.24E-05	2.24E-05	9.25E-01	2.90E-01	2.41E+00	2.61E-01
3139	Gridded	6.58E-05	1.50E-05	1.34E-05	2.91E-06	8.20E-04	1.91E-04	8.28E-04	1.94E-04	8.67E-04	1.87E-04	1.96E-05	4.55E-06	3.28E-03	7.63E-04	3.56E-03	8.06E-04	6.24E-03	4.27E-04	8.21E-04	1.92E-04	1.55E-04	3.61E-05	4.49E-05	1.04E-05	1.06E-04	2.47E-05	2.39E-05	2.39E-05	9.29E-01	2.82E-01	1.88E+00	1.95E-01
3140	Gridded	4.71E-05	6.23E-06	9.33E-06	1.32E-06	5.97E-04	7.38E-05	6.07E-04	7.68E-05	6.13E-04	8.60E-05	1.42E-05	1.74E-06	2.39E-03	2.94E-04	2.54E-03	3.40E-04	6.17E-03	4.39E-04	6.00E-04	7.45E-05	1.13E-04	1.38E-05	3.26E-05	3.99E-06	7.71E-05	9.42E-06	1.42E-05	1.42E-05	8.82E-01	2.75E-01	1.02E+00	1.20E-01
3141	Gridded	4.10E-05	6.08E-06	8.41E-06	1.16E-06	5.32E-04	7.83E-05	5.37E-04	7.92E-05	5.52E-04	7.46E-05	1.27E-05	1.87E-06	2.13E-03	3.13E-04	2.20E-03	3.27E-04	4.13E-03	2.66E-04	5.33E-04	7.85E-05	1.01E-04	1.48E-05	2.92E-05	4.29E-06	6.90E-05	1.01E-05	9.49E-06	9.49E-06	8.43E-01	1.72E-01	1.10E+00	6.49E-02
3142	Gridded	5.12E-05	7.77E-06	9.78E-06	1.52E-06	6.60E-04	9.85E-05	6.67E-04	1.00E-04	6.27E-04	9.75E-05	1.58E-05	2.35E-06	2.64E-03	3.93E-04	2.75E-03	4.18E-04	3.22E-03	2.43E-04	6.61E-04	9.89E-05	1.25E-04	1.86E-05	3.61E-05	5.38E-06	8.54E-05	1.27E-05	1.27E-05	1.27E-05	7.07E-01	9.93E-02	1.27E+00	7.36E-02
3143	Gridded	5.27E-05	6.80E-06	9.78E-06	1.33E-06	6.94E-04	8.58E-05	6.96E-04	8.74E-05	6.23E-04	8.59E-05	1.66E-05	2.04E-06	2.77E-03	3.43E-04	2.81E-03	3.66E-04	2.93E-03	3.35E-04	6.94E-04	8.62E-05	1.32E-04	1.62E-05	3.81E-05	4.68E-06	9.00E-05	1.11E-05	1.15E-05	1.15E-05	6.68E-01	1.15E-01	1.44E+00	8.34E-02
3144	Gridded	6.01E-05	7.16E-06	1.12E-05	1.35E-06	7.92E-04	9.33E-05	7.95E-04	9.40E-05	7.11E-04	8.63E-05	1.90E-05	2.23E-06	3.17E-03	3.73E-04	3.21E-03	3.84E-04	2.56E-03	2.89E-04	7.93E-04	9.35E-05	1.50E-04	1.77E-05	4.35E-05	5.12E-06	1.03E-04	1.21E-05	9.98E-06	9.98E-06	8.49E-01	9.96E-02	1.57E+00	9.60E-02
3145	Gridded	8.18E-05	9.45E-06	1.49E-05	1.75E-06	1.09E-03	1.25E-04	1.09E-03	1.26E-04	9.49E-04	1.12E-04	2.62E-05	3.01E-06	4.36E-03	5.02E-04	4.36E-03	5.05E-04	2.64E-03	2.67E-04	1.09E-03	1.25E-04	2.07E-04	2.38E-05	5.99E-05	6.89E-06	1.42E-04	1.63E-05	1.33E-05	1.33E-05	1.02E+00	1.35E-01	1.63E+00	1.07E-01
3146	Gridded	9.33E-05	1.39E-05	1.71E-05	2.55E-06	1.24E-03	1.84E-04	1.24E-03	1.84E-04	1.08E-03	1.62E-04	2.98E-05	4.41E-06	4.97E-03	7.35E-04	4.98E-03	7.40E-04	3.04E-03	2.96E-04	1.24E-03	1.84E-04	2.36E-04	3.49E-05	6.84E-05	1.01E-05	1.62E-04	2.39E-05	1.67E-05	1.67E-05	1.13E+00	2.29E-01	1.63E+00	1.49E-01
3147	Gridded	1.02E-04	1.70E-05	1.86E-05	3.20E-06	1.36E-03	2.22E-04	1.36E-03	2.23E-04	1.18E-03	2.04E-04	3.25E-05	5.31E-06	5.42E-03	8.86E-04	5.43E-03	9.11E-04	3.57E-03	4.04E-04	1.36E-03	2.22E-04	2.58E-04	4.20E-05	7.46E-05	1.22E-05	1.76E-04	2.87E-05	2.32E-05	2.32E-05	1.13E+00	2.84E-01	1.58E+00	2.00E-01
3148	Gridded	1.15E-04	2.14E-05	2.12E-05	3.96E-06	1.53E-03	2.84E-04	1.53E-03	2.84E-04	1.35E-03	2.52E-04	3.67E-05	6.80E-06	6.11E-03	1.13E-03	6.16E-03	1.15E-03	3.63E-03	5.21E-04	1.53E-03	2.84E-04	2.90E-04	5.38E-05	8.40E-05	1.56E-05	1.99E-04	3.68E-05	2.72E-05	2.72E-05	9.75E-01	3.46E-01	1.51E+00	1.93E-01
3149	Gridded	1.30E-04	1.88E-05	2.37E-05	3.55E-06	1.73E-03	2.44E-04	1.73E-03	2.46E-04	1.50E-03	2.27E-04	4.15E-05	5.84E-06	6.91E-03	9.76E-04	6.92E-03	1.01E-03	3.28E-03	6.66E-04	1.73E-03	2.45E-04	3.28E-04	4.62E-05	9.51E-05	1.34E-05	2.25E-04	3.16E-05	2.64E-05	2.64E-05	1.01E+00	4.68E-01	1.43E+00	2.15E-01
3150	Gridded	1.05E-04	1.47E-05	1.94E-05	2.93E-06	1.40E-03	1.84E-04	1.40E-03	1.88E-04	1.23E-03	1.89E-04	3.36E-05	4.37E-06	5.60E-03	7.33E-04	5.63E-03	7.94E-04	3.63E-03	6.61E-04	1.40E-03	1.85E-04	2.66E-04	3.46E-05	7.70E-05	1.00E-05	1.82E-04	2.37E-05	2.63E-05	2.63E-05	8.98E-01	3.87E-01	1.89E+00	2.53E-01
3151	Gridded	1.03E-04	1.20E-05	2.05E-05	2.29E-06	1.36E-03	1.58E-04	1.36E-03	1.58E-04	1.33E-03	1.49E-04	3.25E-05	3.78E-06	5.42E-03	6.31E-04	5.56E-03	6.39E-04	4.56E-03	6.85E-04	1.36E-03	1.58E-04	2.58E-04	3.00E-05	7.45E-05	8.67E-06	1.76E-04	2.05E-05	2.36E-05	2.36E-05	1.22E+00	2.57E-01	2.33E+00	2.71E-01
3152	Gridded	1.22E-04	1.29E-05	2.45E-05	2.46E-06	1.51E-03	1.66E-04	1.55E-03	1.68E-04	1.59E-03	1.58E-04	3.59E-05	3.97E-06	6.04E-03	6.64E-04	6.61E-03	6.91E-04	5.46E-03	6.13E-04	1.52E-03	1.67E-04	2.85E-04	3.14E-05	8.24E-05	9.09E-06	1.95E-04	2.15E-05	1.91E-05	1.91E-05	1.51E+00	2.25E-01	2.84E+00	2.92E-01
3153	Gridded	1.39E-04	1.49E-05	2.83E-05	2.89E-06	1.73E-03	1.89E-04	1.75E-03	1.92E-04	1.84E-03	1.86E-04	4.13E-05	4.50E-06	6.90E-03	7.55E-04	7.52E-03	8.00E-04	7.33E-03	6.30E-04	1.73E-03	1.90E-04	3.27E-04	3.57E-05	9.46E-05	1.03E-05	2.24E-04	2.44E-05	2.41E-05	2.41E-05	1.64E+00	2.12E-01	3.05E+00	3.56E-01
3154	Gridded	1.53E-04	1.57E-05	3.13E-05	3.13E-06	1.94E-03	1.95E-04	1.97E-03	2.00E-04	2.04E-03	2.02E-04	4.62E-05	4.64E-06	7.74E-03	7.79E-04	8.21E-03	8.47E-04	9.39E-03	7.41E-04	1.95E-03	1.96E-04	3.66E-04	3.67E-05	1.06E-04	1.06E-05	2.50E-04	2.51E-05	2.85E-05	2.85E-05	1.84E+00	2.01E-01	3.02E+00	4.14E-01
3155	Gridded	1.55E-04	1.52E-05	3.28E-05	3.13E-06	1.89E-03	1.84E-04	1.93E-03	1.90E-04	2.14E-03	2.03E-04	4.50E-05	4.35E-06	7.56E-03	7.33E-04	8.43E-03	8.24E-04	1.11E-02	8.72E-04	1.90E-03	1.85E-04	3.56E-04	3.45E-05	1.03E-04	9.97E-06	2.44E-04	2.36E-05	3.14E-05	3.14E-05	1.83E+00	2.18E-01	2.65E+00	4.36E-01
3156	Gridded	1.54E-04	1.41E-05	3.31E-05	2.94E-06	1.78E-03	1.80E-04	1.87E-03	1.83E-04	2.17E-03	1.92E-04	4.19E-05	4.29E-06	7.10E-03	7.18E-04	8.40E-03	7.61E-04	1.24E-02	9.77E-04	1.80E-03	1.80E-04	3.32E-04	3.39E-05	9.61E-05	9.82E-06	2.27E-04	2.32E-05	3.17E-05	3.17E-05	1.70E+00	2.23E-01	2.49E+00	4.12E-01
3157	Gridded	1.49E-04	1.41E-05	3.24E-05	2.79E-06	1.71E-03	1.78E-04	1.79E-03	1.81E-04	2.13E-03	1.80E-04	4.00E-05	4.23E-06	6.79E-03	7.09E-04	8.14E-03	7.62E-04	1.29E-02	9.82E-04	1.73E-03	1.78E-04	3.17E-04	3.35E-05	9.17E-05	9.69E-06	2.17E-04	2.29E-05	2.98E-05	2.98E-05	1.49E+00	2.25E-01	2.39E+00	3.79E-01
3158	Gridded	6.53E-05	1.38E-05	1.33E-05	2.88E-06	7.98E-04	1.70E-04	8.21E-04	1.74E-04	8.65E-04	1.88E-04	1.89E-05	4.02E-06	3.18E-03	6.76E-04	3.54E-03	7.45E-04	3.66E-03	9.85E-04	8.03E-04	1.71E-04	1.50E-04	3.18E-05	4.33E-05	9.21E-06	1.02E-04	2.18E-05	3.14E-05	3.14E-05	6.04E-01	1.58E-01	1.16E+00	1.99E-01
3159	Gridded	6.49E-05	1.44E-05	1.32E-05	2.91E-06	7.96E-04	1.78E-04	8.18E-04	1.82E-04	8.56E-04	1.88E-04	1.88E-05	4.21E-06	3.17E-03	7.08E-04	3.52E-03	7.80E-04	3.43E-03	9.52E-04	8.00E-04	1.79E-04	1.49E-04	3.34E-05	4.32E-05	9.65E-06	1.02E-04	2.28E-05	3.04E-05	3.04E-05	6.60E-01	1.67E-01	1.19E+00	2.04E-01
3160	Gridded	6.28E-05	1.43E-05	1.27E-05	2.89E-06	7.73E-04	1.76E-04	7.93E-04	1.81E-04	8.23E-04	1.87E-04	1.83E-05	4.17E-06	3.08E-03	7.02E-04	3.40E-03	7.74E-04	3.54E-03	8.89E-04	7.77E-04	1.77E-04	1.45E-04	3.30E-05	4.20E-05	9.57E-06	9.93E-05	2.26E-05	2.83E-05	2.83E-05	6.90E-01	1.71E-01	1.19E+00	2.01E-01
3161	Gridded	5.82E-05	1.37E-05	1.17E-05	2.79E-06	7.18E-04	1.69E-04	7.37E-04	1.73E-04	7.59E-04	1.81E-04	1.70E-05	4.00E-06	2.87E-03	6.73E-04	3.15E-03	7.44E-04	3.49E-03	8.98E-04	7.22E-04	1.70E-04	1.35E-04	3.17E-05	3.91E-05	9.17E-06	9.23E-05	2.17E-05	2.91E-05	2.91E-05	7.14E-01	1.73E-01	1.13E+00	2.03E-01
3162	Gridded	5.68E-05	1.31E-05	1.17E-05	2.75E-06	6.86E-04	1.57E-04	7.09E-04	1.61E-04	7.63E-04	1.80E-04	1.62E-05	3.71E-06	2.74E-03	6.25E-04	3.08E-03	7.12E-04	3.36E-03	9.08E-04	6.91E-04	1.58E-04	1.28E-04	2.94E-05	3.72E-05	8.51E-06	8.79E-05	2.01E-05	2.96E-05	2.96E-05	7.01E-01	1.80E-01	1.04E+00	2.12E-01
3163	Gridded	5.68E-05	1.37E-05	1.17E-05	2.84E-06	7.04E-04	1.65E-04	7.19E-04	1.71E-04	7.59E-04	1.84E-04	1.67E-05	3.91E-06	2.81E-03	6.59E-04	3.08E-03	7.45E-04	3.33E-03	8.93E-04	7.07E-04	1.67E-04	1.32E-04	3.10E-05	3.83E-05	8.96E-06	9.06E-05	2.12E-05	2.91E-05	2.91E-05	7.07E-01	1.99E-01	9.30E-01	2.21E-01
3164	Gridded	6.69E-05	1.58E-05	1.32E-05	3.25E-06	8.42E-04	1.92E-04	8.57E-04	1.98E-04	8.49E-04	2.11E-04	2.00E-05	4.54E-06	3.36E-03	7.65E-04	3.61E-03	8.57E-04	3.33E-03	8.91E-04	8.45E-04	1.93E-04	1.59E-04	3.59E-05	4.59E-05	1.04E-05	1.08E-04	2.46E-05	3.24E-05	3.24E-05	7.11E-01	2.22E-01	8.36E-01	2.31E-01
3165	Gridded	7.15E-05	1.73E-05	1.40E-05	3.54E-06	9.05E-04	2.11E-04	9.20E-04	2.18E-04	9.00E-04	2.30E-04	2.16E-05	5.01E-06	3.61E-03	8.43E-04	3.85E-03	9.40E-04	3.48E-03	9.32E-04	9.09E-04	2.13E-04	1.71E-04	3.96E-05	4.94E-05	1.15E-05	1.17E-04	2.71E-05	3.48E-05	3.48E-05	7.86E-01	2.44E-01	8.84E-01	2.41E-01
3166	Gridded	6.09E-05	1.68E-05	1.20E-05	3.44E-06	7.69E-04	2.04E-04	7.83E-04	2.11E-04	7.70E-04	2.23E-04	1.83E-05	4.84E-06	3.07E-03	8.15E-04	3.28E-03	9.11E-04	3.67E-03	9.23E-04	7.72E-04	2.06E-04	1.45E-04	3.83E-05	4.20E-05	1.11E-05	9.92E-05	2.62E-05	3.40E-05	3.40E-05	7.46E-01	2.58E-01	9.20E-01	2.42E-01
3167	Gridded	5.58E-05	1.35E-05	1.15E-05	2.80E-06	6.79E-04	1.62E-04	7.00E-04	1.68E-04	7.44E-04	1.82E-04	1.61E-05	3.84E-06	2.71E-03	6.47E-04	3.03E-03	7.33E-04	3.56E-03	8.21E-04	6.84E-04	1.64E-04	1.27E-04	3.04E-05	3.68E-05	8.80E-06	8.71E-05	2.08E-05	2.86E-05	2.86E-05	7.88E-01	2.60E-01	9.00E-01	2.22E-01
3168	Gridded	5.22E-05	1.14E-05	1.09E-05	2.25E-06	6.31E-04	1.43E-04	6.50E-04	1.46E-04	7.13E-04	1.45E-04	1.49E-05	3.40E-06	2.52E-03	5.71E-04	2.84E-03	6.14E-04	3.47E-03	6.19E-04	6.35E-04	1.44E-04	1.18E-04	2.69E-05	3.42E-05	7.80E-06	8.09E-05	1.84E-05	2.13E-05	2.13E-05	7.99E-01	2.92E-01	1.20E+00	1.86E-01
3169	Gridded	5.10E-05	1.10E-05	1.02E-05	2.11E-06	6.44E-04	1.40E-04	6.55E-04	1.42E-04	6.64E-04	1.36E-04	1.53E-05	3.34E-06	2.57E-03	5.60E-04	2.75E-03	5.89E-04	3.34E-03	4.26E-04	6.46E-04	1.41E-04	1.21E-04	2.65E-05	3.51E-05	7.66E-06	8.30E-05	1.81E-05	1.70E-05	1.70E-05	7.38E-01	2.92E-01	1.47E+00	1.48E-01
3170	Gridded	5.65E-05	1.07E-05	1.12E-05	2.02E-06	7.08E-04	1.38E-04	7.22E-04	1.40E-04	7.22E-04	1.29E-04	1.68E-05	3.31E-06	2.83E-03	5.53E-04	3.05E-03	5.71E-04	2.70E-03	3.49E-04	7.11E-04	1.39E-04	1.33E-04	2.62E-05	3.86E-05	7.59E-06	9.12E-05	1.79E-05	1.50E-05	1.50E-05	7.87E-01	2.48E-01	1.62E+00	1.57E-01
3171	Gridded	5.22E-05	9.30E-06	1.03E-05	1.80E-06	6.53E-04	1.19E-04	6.67E-04	1.20E-04	6.67E-04	1.16E-04	1.55E-05	2.83E-06	2.61E-03	4.73E-04	2.82E-03	5.00E-04	2.28E-03	2.71E-04	6.56E-04	1.19E-04	1.23E-04	2.24E-05	3.56E-05	6.48E-06	8.41E-05	1.53E-05	1.48E-05	1.48E-05	8.19E-01	2.47E-01	1.09E+00	1.24E-01
3172	Gridded	4.04E-05	4.44E-06	7.62E-06	8.37E-07	5.26E-04	5.77E-05	5.30E-04	5.82E-05	4.87E-04	5.35E-05	1.26E-05	1.38E-06	2.10E-03	2.31E-04	2.16E-03	2.38E-04	2.20E-03	2.27E-04	5.27E-04	5.78E-05	9.95E-05	1.09E-05	2.88E-05	3.16E-06	6.81E-05	7.48E-06	6.56E-06	6.56E-06	7.67E-01	1.78E-01	1.23E+00	7.09E-02
3173	Gridded	4.93E-05	6.69E-06	9.25E-06	1.26E-06	6.44E-04	8.75E-05	6.48E-04	8.80E-05	5.91E-04	8.02E-05	1.54E-05	2.09E-06	2.57E-03	3.50E-04	2.64E-03	3.58E-04	2.05E-03	1.33E-04	6.45E-04	8.76E-05	1.22E-04	1.66E-05	3.53E-05	4.80E-06	8.34E-05	1.13E-05	9.00E-06	9.00E-06	6.80E-01	5.91E-02	1.44E+00	8.14E-02
3174	Gridded	4.74E-05	6.03E-06	8.66E-06	1.16E-06	6.31E-04	7.71E-05	6.31E-04	7.81E-05	5.50E-04	7.46E-05	1.51E-05	1.84E-06	2.52E-03	3.08E-04	2.53E-03	3.24E-04	1.99E-03	1.64E-04	6.31E-04	7.73E-05	1.20E-04	1.46E-05	3.47E-05	4.22E-06	8.20E-05	9.97E-06	9.35E-06	9.35E-06	7.68E-01	6.36E-02	1.66E+00	9.31E-02
3175	Gridded	6.17E-05	6.48E-06	1.13E-05	1.20E-06	8.22E-04	8.61E-05	8.22E-04	8.62E-05	7.18E-04	7.69E-05	1.97E-05	2.07E-06	3.29E-03	3.44E-04	3.29E-03	3.46E-04	2.09E-03	2.04E-04	8.22E-04	8.61E-05	1.56E-04	1.64E-05	4.52E-05	4.73E-06	1.07E-04	1.12E-05	8.59E-06	8.59E-06	8.31E-01	7.27E-02	1.83E+00	1.05E-01
3176	Gridded	7.64E-05	1.36E-05	1.40E-05	2.48E-06	1.02E-03	1.81E-04	1.02E-03	1.81E-04	8.87E-04	1.57E-04	2.45E-05	4.33E-06	4.08E-03	7.22E-04	4.08E-03	7.23E-04	2.15E-03	1.53E-04	1.02E-03	1.81E-04	1.94E-04	3.43E-05	5.61E-05	9.93E-06	1.32E-04	2.35E-05	1.57E-05	1.57E-05	8.70E-01	1.45E-01	1.91E+00	1.13E-01
3177	Gridded	1.37E-04	1.89E-05	2.50E-05	3.45E-06	1.82E-03	2.51E-04	1.82E-03	2.51E-04	1.59E-03	2.19E-04	4.37E-05	6.03E-06	7.29E-03	1.01E-03	7.29E-03	1.01E-03	2.26E-03	1.98E-04	1.82E-03	2.51E-04	3.46E-04	4.77E-05	1.00E-04	1.38E-05	2.37E-04	3.27E-05	2.17E-05	2.17E-05	1.07E+00	2.35E-01	1.89E+00	1.21E-01
3178	Gridded	1.36E-04	2.06E-05	2.49E-05	3.77E-06	1.81E-03	2.73E-04	1.81E-03	2.74E-04	1.58E-03	2.40E-04	4.35E-05	6.56E-06	7.25E-03	1.09E-03	7.27E-03	1.10E-03	2.57E-03	3.53E-04	1.81E-03	2.73E-04	3.44E-04	5.19E-05	9.97E-05	1.50E-05	2.36E-04	3.55E-05	2.43E-05	2.43E-05	9.92E-01	4.12E-01	1.80E+00	1.21E-01
3179	Gridded	9.28E-05	1.35E-05	1.70E-05	2.55E-06	1.23E-03	1.75E-04	1.24E-03	1.76E-04	1.08E-03	1.63E-04	2.96E-05	4.19E-06	4.94E-03	7.00E-04	4.95E-03	7.22E-04	2.30E-03	4.94E-04	1.23E-03	1.75E-04	2.34E-04	3.31E-05	6.78E-05	9.59E-06	1.60E-04	2.27E-05	1.88E-05	1.88E-05	1.00E+00	3.55E-01	1.70E+00	1.14E-01
3180	Gridded	9.22E-05	9.26E-06	1.71E-05	1.82E-06	1.21E-03	1.17E-04	1.22E-03	1.19E-04	1.09E-03	1.17E-04	2.91E-05	2.78E-06	4.85E-03	4.65E-04	4.93E-03	4.99E-04	2.62E-03	4.73E-04	1.21E-03	1.17E-04	2.30E-04	2.20E-05	6.66E-05	6.36E-06	1.58E-04	1.50E-05	1.58E-05	1.58E-05	9.94E-01	2.37E-01	1.87E+00	1.47E-01
3181	Gridded	1.00E-04	1.07E-05	1.97E-05	2.00E-06	1.27E-03	1.40E-04	1.29E-03	1.41E-04	1.27E-03	1.28E-04	3.02E-05	3.35E-06	5.06E-03	5.60E-04	5.41E-03	5.72E-04	3.41E-03	4.17E-04	1.27E-03	1.40E-04	2.39E-04	2.65E-05	6.91E-05	7.68E-06	1.63E-04	1.82E-05	1.41E-05	1.41E-05	1.28E+00	2.21E-01	2.28E+00	2.19E-01
3182	Gridded	1.21E-04	1.16E-05	2.40E-05	2.22E-06	1.51E-03	1.50E-04	1.54E-03	1.51E-04	1.55E-03	1.42E-04	3.59E-05	3.58E-06	6.02E-03	5.98E-04	6.51E-03	6.23E-04	4.78E-03	4.05E-04	1.52E-03	1.50E-04	2.84E-04	2.83E-05	8.22E-05	8.19E-06	1.94E-04	1.94E-05	1.72E-05	1.72E-05	1.43E+00	2.01E-01	2.29E+00	2.64E-01
3183	Gridded	1.34E-04	1.15E-05	2.72E-05	2.26E-06	1.65E-03	1.44E-04	1.70E-03	1.47E-04	1.76E-03	1.45E-04	3.92E-05	3.44E-06	6.60E-03	5.77E-04	7.27E-03	6.18E-04	6.52E-03	4.64E-04	1.66E-03	1.45E-04	3.10E-04	2.72E-05	8.99E-05	7.88E-06	2.12E-04	1.86E-05	1.95E-05	1.95E-05	1.64E+00	2.21E-01	2.31E+00	2.74E-01
3184	Gridded	1.45E-04	1.17E-05	3.02E-05	2.36E-06	1.75E-03	1.45E-04	1.81E-03	1.48E-04	1.96E-03	1.53E-04	4.14E-05	3.44E-06	6.98E-03	5.78E-04	7.90E-03	6.33E-04	8.88E-03	5.41E-04	1.76E-03	1.46E-04	3.28E-04	2.72E-05	9.48E-05	7.87E-06	2.24E-04	1.86E-05	2.21E-05	2.21E-05	1.75E+00	2.48E-01	2.43E+00	2.83E-01
3185	Gridded	1.51E-04	1.18E-05	3.22E-05	2.42E-06	1.78E-03	1.47E-04	1.86E-03	1.48E-04	2.10E-03	1.57E-04	4.19E-05	3.51E-06	7.09E-03	5.86E-04	8.26E-03	6.39E-04	1.12E-02	6.64E-04	1.80E-03	1.47E-04	3.32E-04	2.78E-05	9.60E-05	8.04E-06	2.27E-04	1.90E-05	2.41E-05	2.41E-05	1.68E+00	2.71E-01	2.45E+00	2.89E-01
3186	Gridded	1.49E-04	1.49E-05	3.25E-05	2.79E-06	1.72E-03	1.94E-04	1.81E-03	1.95E-04	2.13E-03	1.78E-04	4.04E-05	4.65E-06	6.85E-03	7.76E-04	8.19E-03	7.95E-04	1.27E-02	7.64E-04	1.74E-03	1.95E-04	3.20E-04	3.68E-05	9.26E-05	1.07E-05	2.19E-04	2.52E-05	2.49E-05	2.49E-05	1.56E+00	2.72E-01	2.24E+00	2.70E-01
3187	Gridded	1.43E-04	1.73E-05	3.17E-05	3.28E-06	1.62E-03	2.25E-04	1.71E-03	2.27E-04	2.08E-03	2.10E-04	3.79E-05	5.39E-06	6.44E-03	9.01E-04	7.86E-03	9.29E-04	1.36E-02	7.99E-04	1.64E-03	2.26E-04	3.00E-04	4.27E-05	8.68E-05	1.24E-05	2.05E-04	2.92E-05	2.55E-05	2.55E-05	1.50E+00	2.56E-01	1.97E+00	2.31E-01
3188	Gridded	1.34E-04	1.84E-05	3.00E-05	3.52E-06	1.50E-03	2.38E-04	1.59E-03	2.40E-04	1.98E-03	2.26E-04	3.50E-05	5.68E-06	5.96E-03	9.50E-04	7.37E-03	9.89E-04	1.35E-02	8.03E-04	1.52E-03	2.38E-04	2.77E-04	4.50E-05	8.03E-05	1.30E-05	1.90E-04	3.08E-05	2.72E-05	2.72E-05	1.40E+00	2.30E-01	1.77E+00	2.15E-01
3189	Gridded	6.24E-05	1.41E-05	1.28E-05	2.98E-06	7.61E-04	1.66E-04	7.83E-04	1.73E-04	8.30E-04	1.95E-04	1.80E-05	3.91E-06	3.03E-03	6.61E-04	3.39E-03	7.67E-04	3.59E-03	1.02E-03	7.66E-04	1.68E-04	1.43E-04	3.10E-05	4.13E-05	8.96E-06	9.75E-05	2.12E-05	3.25E-05	3.25E-05	6.28E-01	1.45E-01	1.01E+00	2.55E-01
3190	Gridded	6.68E-05	1.43E-05	1.36E-05	3.03E-06	8.16E-04	1.69E-04	8.40E-04	1.76E-04	8.83E-04	1.98E-04	1.93E-05	3.98E-06	3.25E-03	6.72E-04	3.62E-03	7.79E-04	3.58E-03	1.03E-03	8.21E-04	1.70E-04	1.53E-04	3.15E-05	4.43E-05	9.12E-06	1.05E-04	2.15E-05	3.29E-05	3.29E-05	6.67E-01	1.57E-01	1.09E+00	2.62E-01
3191	Gridded	7.14E-05	1.41E-05	1.45E-05	2.99E-06	8.77E-04	1.67E-04	9.01E-04	1.74E-04	9.37E-04	1.95E-04	2.08E-05	3.93E-06	3.50E-03	6.65E-04	3.86E-03	7.70E-04	3.55E-03	1.01E-03	8.82E-04	1.68E-04	1.65E-04	3.11E-05	4.77E-05	9.01E-06	1.13E-04	2.13E-05	3.24E-05	3.24E-05	6.89E-01	1.66E-01	1.15E+00	2.62E-01
3192	Gridded	7.33E-05	1.36E-05	1.48E-05	2.87E-06	9.06E-04	1.61E-04	9.29E-04	1.67E-04	9.55E-04	1.87E-04	2.15E-05	3.79E-06	3.61E-03	6.41E-04	3.97E-03	7.41E-04	3.42E-03	9.58E-04	9.11E-04	1.62E-04	1.70E-04	3.00E-05	4.93E-05	8.69E-06	1.16E-04	2.05E-05	3.10E-05	3.10E-05	6.98E-01	1.76E-01	1.17E+00	2.55E-01
3193	Gridded	7.14E-05	1.25E-05	1.43E-05	2.65E-06	8.86E-04	1.48E-04	9.07E-04	1.54E-04	9.26E-04	1.73E-04	2.10E-05	3.49E-06	3.53E-03	5.90E-04	3.86E-03	6.83E-04	3.51E-03	8.89E-04	8.90E-04	1.49E-04	1.66E-04	2.76E-05	4.82E-05	8.00E-06	1.14E-04	1.89E-05	2.86E-05	2.86E-05	6.79E-01	1.86E-01	1.18E+00	2.47E-01
3194	Gridded	6.88E-05	1.18E-05	1.37E-05	2.46E-06	8.59E-04	1.44E-04	8.78E-04	1.48E-04	8.84E-04	1.60E-04	2.04E-05	3.41E-06	3.43E-03	5.74E-04	3.72E-03	6.41E-04	3.51E-03	8.00E-04	8.63E-04	1.45E-04	1.62E-04	2.70E-05	4.68E-05	7.82E-06	1.11E-04	1.85E-05	2.57E-05	2.57E-05	7.11E-01	1.98E-01	1.17E+00	2.42E-01
3195	Gridded	6.36E-05	1.17E-05	1.25E-05	2.35E-06	8.01E-04	1.44E-04	8.16E-04	1.48E-04	8.07E-04	1.52E-04	1.91E-05	3.42E-06	3.20E-03	5.75E-04	3.43E-03	6.31E-04	3.34E-03	7.03E-04	8.04E-04	1.45E-04	1.51E-04	2.71E-05	4.37E-05	7.84E-06	1.03E-04	1.85E-05	2.38E-05	2.38E-05	9.10E-01	2.13E-01	1.14E+00	2.40E-01
3196	Gridded	5.75E-05	1.10E-05	1.17E-05	2.22E-06	7.03E-04	1.35E-04	7.23E-04	1.39E-04	7.59E-04	1.45E-04	1.67E-05	3.21E-06	2.80E-03	5.40E-04	3.11E-03	5.93E-04	3.60E-03	6.82E-04	7.08E-04	1.36E-04	1.32E-04	2.54E-05	3.82E-05	7.36E-06	9.02E-05	1.74E-05	2.32E-05	2.32E-05	1.26E+00	2.22E-01	1.06E+00	2.42E-01
3197	Gridded	5.33E-05	1.20E-05	1.10E-05	2.45E-06	6.46E-04	1.46E-04	6.66E-04	1.51E-04	7.12E-04	1.59E-04	1.53E-05	3.46E-06	2.58E-03	5.83E-04	2.89E-03	6.51E-04	3.54E-03	6.47E-04	6.51E-04	1.47E-04	1.21E-04	2.74E-05	3.50E-05	7.94E-06	8.28E-05	1.88E-05	2.41E-05	2.41E-05	1.54E+00	2.30E-01	9.39E-01	2.44E-01
3198	Gridded	4.95E-05	1.30E-05	1.00E-05	2.64E-06	6.29E-04	1.60E-04	6.39E-04	1.64E-04	6.51E-04	1.71E-04	1.50E-05	3.79E-06	2.51E-03	6.37E-04	2.66E-03	7.04E-04	3.23E-03	6.49E-04	6.31E-04	1.61E-04	1.19E-04	3.00E-05	3.44E-05	8.68E-06	8.12E-05	2.05E-05	2.53E-05	2.53E-05	1.43E+00	2.33E-01	8.09E-01	2.31E-01
3199	Gridded	5.30E-05	1.39E-05	1.06E-05	2.79E-06	6.58E-04	1.72E-04	6.74E-04	1.76E-04	6.87E-04	1.81E-04	1.56E-05	4.09E-06	2.63E-03	6.87E-04	2.87E-03	7.52E-04	3.17E-03	6.26E-04	6.62E-04	1.73E-04	1.24E-04	3.24E-05	3.58E-05	9.37E-06	8.47E-05	2.21E-05	2.59E-05	2.59E-05	1.10E+00	2.44E-01	8.31E-01	2.00E-01
3200	Gridded	6.21E-05	1.27E-05	1.23E-05	2.54E-06	7.78E-04	1.58E-04	7.94E-04	1.62E-04	7.95E-04	1.64E-04	1.85E-05	3.75E-06	3.10E-03	6.30E-04	3.35E-03	6.87E-04	3.01E-03	5.52E-04	7.81E-04	1.59E-04	1.46E-04	2.97E-05	4.24E-05	8.59E-06	1.00E-04	2.03E-05	2.34E-05	2.34E-05	7.70E-01	2.44E-01	9.10E-01	1.59E-01
3201	Gridded	5.26E-05	1.08E-05	1.07E-05	2.07E-06	6.64E-04	1.39E-04	6.71E-04	1.40E-04	6.98E-04	1.33E-04	1.59E-05	3.33E-06	2.65E-03	5.57E-04	2.85E-03	5.78E-04	2.83E-03	3.83E-04	6.66E-04	1.40E-04	1.26E-04	2.64E-05	3.64E-05	7.64E-06	8.59E-05	1.81E-05	1.67E-05	1.67E-05	8.15E-01	2.51E-01	9.71E-01	1.24E-01
3202	Gridded	5.51E-05	9.20E-06	1.07E-05	1.71E-06	7.01E-04	1.21E-04	7.12E-04	1.22E-04	6.87E-04	1.09E-04	1.67E-05	2.90E-06	2.80E-03	4.85E-04	2.96E-03	4.92E-04	2.29E-03	2.55E-04	7.03E-04	1.21E-04	1.32E-04	2.30E-05	3.83E-05	6.66E-06	9.05E-05	1.57E-05	1.17E-05	1.17E-05	8.11E-01	2.37E-01	1.13E+00	6.79E-02
3203	Gridded	2.69E-05	3.67E-06	5.03E-06	7.27E-07	3.59E-04	4.59E-05	3.59E-04	4.69E-05	3.25E-04	4.69E-05	8.62E-06	1.09E-06	1.44E-03	1.83E-04	1.44E-03	1.98E-04	1.71E-03	1.78E-04	3.59E-04	4.61E-05	6.83E-05	8.64E-06	1.98E-05	2.50E-06	4.67E-05	5.91E-06	6.47E-06	6.47E-06	6.68E-01	1.24E-01	1.35E+00	7.59E-02
3204	Gridded	2.84E-05	2.79E-06	5.21E-06	5.21E-07	3.78E-04	3.67E-05	3.78E-04	3.69E-05	3.31E-04	3.32E-05	9.06E-06	8.79E-07	1.51E-03	1.47E-04	1.52E-03	1.49E-04	1.54E-03	1.20E-04	3.78E-04	3.67E-05	7.17E-05	6.96E-06	2.08E-05	2.01E-06	4.91E-05	4.76E-06	4.13E-06	4.13E-06	7.83E-01	5.25E-02	1.59E+00	8.80E-02
3205	Gridded	3.15E-05	3.28E-06	5.78E-06	6.03E-07	4.19E-04	4.36E-05	4.20E-04	4.37E-05	3.67E-04	3.83E-05	1.01E-05	1.05E-06	1.68E-03	1.74E-04	1.68E-03	1.75E-04	1.63E-03	1.28E-04	4.19E-04	4.36E-05	7.96E-05	8.28E-06	2.30E-05	2.40E-06	5.45E-05	5.67E-06	4.40E-06	4.40E-06	8.95E-01	6.16E-02	1.85E+00	1.01E-01
3206	Gridded	5.94E-05	7.74E-06	1.09E-05	1.41E-06	7.93E-04	1.03E-04	7.93E-04	1.03E-04	6.90E-04	8.98E-05	1.90E-05	2.48E-06	3.17E-03	4.13E-04	3.17E-03	4.13E-04	1.72E-03	1.37E-04	7.93E-04	1.03E-04	1.51E-04	1.96E-05	4.36E-05	5.67E-06	1.03E-04	1.34E-05	8.87E-06	8.87E-06	9.74E-01	6.82E-02	2.05E+00	1.13E-01
3207	Gridded	1.77E-04	2.37E-05	3.22E-05	4.33E-06	2.35E-03	3.16E-04	2.35E-03	3.16E-04	2.05E-03	2.75E-04	5.65E-05	7.59E-06	9.41E-03	1.27E-03	9.41E-03	1.27E-03	1.77E-03	1.42E-04	2.35E-03	3.16E-04	4.47E-04	6.01E-05	1.29E-04	1.74E-05	3.06E-04	4.11E-05	2.72E-05	2.72E-05	1.00E+00	1.40E-01	2.14E+00	1.19E-01

Scenario 1 Results

3208 Gridded	1.42E-04	2.12E-05	2.59E-05	3.87E-06	1.89E-03	2.82E-04	1.89E-03	2.82E-04	1.64E-03	2.46E-04	4.53E-05	6.77E-06	7.56E-03	1.13E-03	7.56E-03	1.13E-03	1.77E-03	1.72E-04	1.89E-03	2.82E-04	3.59E-04	5.36E-05	1.04E-04	1.55E-05	2.46E-04	3.67E-05	2.44E-05	2.44E-05	9.82E-01	2.42E-01	2.11E+00	1.19E-01
3209 Gridded	1.01E-04	9.32E-06	1.85E-05	1.74E-06	1.34E-03	1.22E-04	1.34E-03	1.23E-04	1.17E-03	1.11E-04	3.23E-05	2.93E-06	5.38E-03	4.89E-04	5.39E-03	4.99E-04	1.77E-03	3.48E-04	1.34E-03	1.22E-04	2.55E-04	2.32E-05	7.39E-05	6.71E-06	1.75E-04	1.59E-05	1.22E-05	1.22E-05	9.28E-01	2.19E-01	2.00E+00	1.14E-01
3210 Gridded	6.02E-05	8.25E-06	1.17E-05	1.52E-06	7.64E-04	1.09E-04	7.76E-04	1.09E-04	7.55E-04	9.67E-05	1.82E-05	2.62E-06	3.05E-03	4.37E-04	3.24E-03	4.40E-04	1.87E-03	2.98E-04	7.66E-04	1.09E-04	1.44E-04	2.07E-05	4.17E-05	6.00E-06	9.86E-05	1.42E-05	9.98E-06	9.98E-06	9.06E-01	2.43E-01	1.86E+00	1.25E-01
3211 Gridded	8.28E-05	8.40E-06	1.61E-05	1.61E-06	1.05E-03	1.08E-04	1.07E-03	1.09E-04	1.03E-03	1.03E-04	2.51E-05	2.58E-06	4.21E-03	4.32E-04	4.46E-03	4.51E-04	2.40E-03	2.77E-04	1.06E-03	1.08E-04	1.99E-04	2.04E-05	5.76E-05	5.92E-06	1.36E-04	1.40E-05	1.26E-05	1.26E-05	1.10E+00	2.69E-01	2.12E+00	1.41E-01
3212 Gridded	1.04E-04	9.23E-06	2.06E-05	1.81E-06	1.31E-03	1.17E-04	1.33E-03	1.19E-04	1.33E-03	1.16E-04	3.11E-05	2.78E-06	5.22E-03	4.66E-04	5.62E-03	4.97E-04	3.84E-03	3.21E-04	1.31E-03	1.17E-04	2.46E-04	2.20E-05	7.14E-05	6.37E-06	1.69E-04	1.51E-05	1.54E-05	1.54E-05	1.25E+00	2.62E-01	2.01E+00	1.41E-01
3213 Gridded	1.19E-04	9.26E-06	2.41E-05	1.85E-06	1.46E-03	1.16E-04	1.50E-03	1.18E-04	1.56E-03	1.19E-04	3.47E-05	2.75E-06	5.83E-03	4.61E-04	6.44E-03	5.00E-04	5.91E-03	3.81E-04	1.47E-03	1.16E-04	2.74E-04	2.17E-05	7.94E-05	6.29E-06	1.88E-04	1.49E-05	1.67E-05	1.67E-05	1.26E+00	2.52E-01	1.68E+00	1.60E-01
3214 Gridded	1.25E-04	9.42E-06	2.61E-05	1.87E-06	1.50E-03	1.18E-04	1.55E-03	1.20E-04	1.70E-03	1.21E-04	3.54E-05	2.79E-06	5.98E-03	4.69E-04	6.80E-03	5.09E-04	7.91E-03	4.47E-04	1.51E-03	1.18E-04	2.81E-04	2.21E-05	8.12E-05	6.40E-06	1.92E-04	1.51E-05	1.76E-05	1.76E-05	1.38E+00	2.32E-01	1.38E+00	1.67E-01
3215 Gridded	1.28E-04	1.07E-05	2.74E-05	2.04E-06	1.49E-03	1.41E-04	1.56E-03	1.42E-04	1.79E-03	1.32E-04	3.51E-05	3.38E-06	5.95E-03	5.64E-04	6.98E-03	5.71E-04	9.94E-03	4.96E-04	1.51E-03	1.41E-04	2.78E-04	2.68E-05	8.05E-05	7.75E-06	1.90E-04	1.83E-05	1.93E-05	1.93E-05	1.47E+00	2.17E-01	1.35E+00	1.78E-01
3216 Gridded	1.29E-04	1.47E-05	2.83E-05	2.74E-06	1.70E-03	1.93E-04	1.71E-03	1.94E-04	1.86E-03	1.75E-04	4.08E-05	4.61E-06	6.81E-03	7.70E-04	7.05E-03	7.86E-04	1.18E-02	5.95E-04	1.70E-03	1.93E-04	3.23E-04	3.65E-05	9.35E-05	1.06E-05	2.21E-04	2.50E-05	2.19E-05	2.19E-05	1.45E+00	2.10E-01	2.01E+00	2.12E-01
3217 Gridded	1.34E-04	1.69E-05	2.77E-05	3.21E-06	1.76E-03	2.20E-04	1.76E-03	2.22E-04	1.83E-03	2.05E-04	4.21E-05	5.25E-06	7.02E-03	8.78E-04	7.14E-03	9.08E-04	1.26E-02	7.02E-04	1.76E-03	2.20E-04	3.33E-04	4.16E-05	9.64E-05	1.20E-05	2.28E-04	2.84E-05	2.40E-05	2.40E-05	1.32E+00	1.90E-01	2.61E+00	2.27E-01
3218 Gridded	1.30E-04	1.74E-05	2.64E-05	3.36E-06	1.69E-03	2.23E-04	1.71E-03	2.26E-04	1.74E-03	2.16E-04	4.05E-05	5.31E-06	6.76E-03	8.89E-04	6.97E-03	9.36E-04	1.28E-02	7.74E-04	1.70E-03	2.23E-04	3.20E-04	4.20E-05	9.28E-05	1.22E-05	2.19E-04	2.88E-05	2.71E-05	2.71E-05	1.16E+00	1.64E-01	2.98E+00	2.25E-01
3219 Gridded	1.15E-04	1.63E-05	2.44E-05	3.21E-06	1.48E-03	2.06E-04	1.50E-03	2.10E-04	1.61E-03	2.07E-04	3.53E-05	4.91E-06	5.91E-03	8.23E-04	6.17E-03	8.81E-04	1.22E-02	7.95E-04	1.48E-03	2.07E-04	2.79E-04	3.89E-05	8.09E-05	1.12E-05	1.91E-04	2.66E-05	2.77E-05	2.77E-05	1.02E+00	1.41E-01	3.23E+00	2.09E-01
3220 Gridded	5.23E-05	1.31E-05	1.02E-05	2.78E-06	6.64E-04	1.57E-04	6.74E-04	1.62E-04	6.63E-04	1.82E-04	1.58E-05	3.69E-06	2.65E-03	6.24E-04	2.81E-03	7.17E-04	3.38E-03	9.36E-04	6.66E-04	1.58E-04	1.25E-04	2.92E-05	3.63E-05	8.47E-06	8.57E-05	2.00E-05	3.01E-05	3.01E-05	6.27E-01	2.02E-01	8.47E-01	2.52E-01
3221 Gridded	5.20E-05	1.31E-05	1.02E-05	2.75E-06	6.64E-04	1.57E-04	6.73E-04	1.62E-04	6.66E-04	1.79E-04	1.58E-05	3.70E-06	2.65E-03	6.25E-04	2.80E-03	7.13E-04	3.46E-03	9.11E-04	6.66E-04	1.58E-04	1.25E-04	2.93E-05	3.63E-05	8.48E-06	8.58E-05	2.00E-05	2.96E-05	2.96E-05	6.51E-01	2.11E-01	9.15E-01	2.59E-01
3222 Gridded	5.21E-05	1.30E-05	1.07E-05	2.70E-06	6.36E-04	1.56E-04	6.55E-04	1.61E-04	6.92E-04	1.76E-04	1.51E-05	3.68E-06	2.54E-03	6.20E-04	2.83E-03	7.06E-04	3.55E-03	9.07E-04	6.40E-04	1.57E-04	1.19E-04	2.91E-05	3.45E-05	8.42E-06	8.16E-05	1.99E-05	2.88E-05	2.88E-05	6.64E-01	2.16E-01	9.79E-01	2.60E-01
3223 Gridded	5.63E-05	1.29E-05	1.14E-05	2.70E-06	6.89E-04	1.53E-04	7.09E-04	1.59E-04	7.42E-04	1.76E-04	1.63E-05	3.62E-06	2.75E-03	6.11E-04	3.05E-03	7.00E-04	3.61E-03	9.00E-04	6.94E-04	1.55E-04	1.29E-04	2.86E-05	3.74E-05	8.29E-06	8.85E-05	1.96E-05	2.87E-05	2.87E-05	6.69E-01	2.20E-01	1.04E+00	2.66E-01
3224 Gridded	5.91E-05	1.31E-05	1.20E-05	2.73E-06	7.28E-04	1.56E-04	7.47E-04	1.62E-04	7.75E-04	1.78E-04	1.73E-05	3.69E-06	2.90E-03	6.22E-04	3.20E-03	7.10E-04	3.54E-03	8.75E-04	7.32E-04	1.57E-04	1.37E-04	2.92E-05	3.95E-05	8.45E-06	9.34E-05	2.00E-05	2.86E-05	2.86E-05	6.57E-01	2.23E-01	1.09E+00	2.74E-01
3225 Gridded	6.32E-05	1.30E-05	1.26E-05	2.72E-06	7.85E-04	1.56E-04	8.04E-04	1.62E-04	8.17E-04	1.77E-04	1.87E-05	3.69E-06	3.13E-03	6.22E-04	3.42E-03	7.09E-04	3.41E-03	8.31E-04	7.89E-04	1.57E-04	1.48E-04	2.92E-05	4.27E-05	8.45E-06	1.01E-04	2.00E-05	2.83E-05	2.83E-05	6.78E-01	2.27E-01	1.12E+00	2.82E-01
3226 Gridded	6.73E-05	1.27E-05	1.33E-05	2.65E-06	8.45E-04	1.52E-04	8.61E-04	1.58E-04	8.57E-04	1.72E-04	2.01E-05	3.60E-06	3.37E-03	6.08E-04	3.63E-03	6.91E-04	3.47E-03	8.01E-04	8.48E-04	1.54E-04	1.59E-04	2.85E-05	4.61E-05	8.25E-06	1.09E-04	1.95E-05	2.74E-05	2.74E-05	8.68E-01	2.35E-01	1.14E+00	2.94E-01
3227 Gridded	6.77E-05	1.19E-05	1.33E-05	2.47E-06	8.56E-04	1.42E-04	8.71E-04	1.47E-04	8.55E-04	1.61E-04	2.04E-05	3.36E-06	3.42E-03	5.67E-04	3.65E-03	6.45E-04	3.72E-03	7.45E-04	8.59E-04	1.43E-04	1.61E-04	2.66E-05	4.67E-05	7.71E-06	1.10E-04	1.82E-05	2.56E-05	2.56E-05	1.21E+00	2.41E-01	1.13E+00	3.02E-01
3228 Gridded	5.87E-05	9.98E-06	1.15E-05	2.09E-06	7.41E-04	1.19E-04	7.54E-04	1.24E-04	7.41E-04	1.36E-04	1.77E-05	2.81E-06	2.96E-03	4.75E-04	3.16E-03	5.43E-04	3.65E-03	6.59E-04	7.44E-04	1.20E-04	1.40E-04	2.23E-05	4.05E-05	6.44E-06	9.56E-05	1.52E-05	2.20E-05	2.20E-05	1.53E+00	2.42E-01	1.10E+00	3.04E-01
3229 Gridded	5.12E-05	8.94E-06	1.03E-05	1.85E-06	6.53E-04	1.08E-04	6.62E-04	1.12E-04	6.71E-04	1.20E-04	1.56E-05	2.55E-06	2.61E-03	4.30E-04	2.75E-03	4.85E-04	3.32E-03	5.30E-04	6.55E-04	1.09E-04	1.23E-04	2.02E-05	3.57E-05	5.85E-06	8.44E-05	1.38E-05	1.87E-05	1.87E-05	1.55E+00	2.29E-01	1.06E+00	2.85E-01
3230 Gridded	4.86E-05	7.99E-06	1.00E-05	1.62E-06	6.03E-04	9.91E-05	6.17E-04	1.01E-04	6.53E-04	1.05E-04	1.43E-05	2.35E-06	2.41E-03	3.95E-04	2.63E-03	4.32E-04	3.10E-03	4.39E-04	6.06E-04	9.96E-05	1.13E-04	1.86E-05	3.28E-05	5.39E-06	7.75E-05	1.27E-05	1.60E-05	1.60E-05	1.41E+00	2.12E-01	9.99E-01	2.46E-01
3231 Gridded	5.34E-05	1.14E-05	1.05E-05	2.24E-06	6.71E-04	1.44E-04	6.84E-04	1.47E-04	6.79E-04	1.44E-04	1.60E-05	3.43E-06	2.68E-03	5.75E-04	2.88E-03	6.15E-04	2.65E-03	3.82E-04	6.74E-04	1.45E-04	1.26E-04	2.72E-05	3.66E-05	7.86E-06	8.65E-05	1.86E-05	1.91E-05	1.91E-05	1.10E+00	1.99E-01	9.10E-01	1.96E-01
3232 Gridded	5.79E-05	1.33E-05	1.12E-05	2.58E-06	7.39E-04	1.69E-04	7.49E-04	1.72E-04	7.19E-04	1.66E-04	1.76E-05	4.04E-06	2.95E-03	6.76E-04	3.11E-03	7.15E-04	2.27E-03	3.75E-04	7.41E-04	1.70E-04	1.39E-04	3.20E-05	4.04E-05	9.25E-06	9.54E-05	2.19E-05	2.11E-05	2.11E-05	7.32E-01	1.82E-01	9.90E-01	1.53E-01
3233 Gridded	4.28E-05	7.36E-06	8.47E-06	1.42E-06	5.36E-04	9.49E-05	5.47E-04	9.59E-05	5.47E-04	9.16E-05	1.27E-05	2.27E-06	2.14E-03	3.79E-04	2.31E-03	3.95E-04	2.16E-03	3.15E-04	5.39E-04	9.51E-05	1.01E-04	1.79E-05	2.92E-05	5.20E-06	6.91E-05	1.23E-05	1.31E-05	1.31E-05	6.49E-01	1.25E-01	1.19E+00	8.08E-02
3234 Gridded	2.76E-05	1.83E-06	5.05E-06	3.81E-07	3.68E-04	2.41E-05	3.68E-04	2.42E-05	3.27E-04	2.48E-05	8.84E-06	5.79E-07	1.47E-03	9.65E-05	1.47E-03	9.97E-05	1.60E-03	1.66E-04	3.68E-04	2.41E-05	7.00E-05	4.58E-06	2.03E-05	1.33E-06	4.79E-05	3.14E-06	4.05E-06	4.05E-06	7.40E-01	4.75E-02	1.43E+00	7.95E-02
3235 Gridded	2.94E-05	2.10E-06	5.38E-06	4.09E-07	3.90E-04	2.79E-05	3.91E-04	2.80E-05	3.42E-04	2.66E-05	9.37E-06	6.70E-07	1.56E-03	1.12E-04	1.57E-03	1.12E-04	1.29E-03	1.23E-04	3.91E-04	2.80E-05	7.42E-05	5.31E-06	2.15E-05	1.54E-06	5.07E-05	3.63E-06	4.22E-06	4.22E-06	8.76E-01	5.01E-02	1.70E+00	9.24E-02
3236 Gridded	3.29E-05	2.83E-06	6.02E-06	5.19E-07	4.37E-04	3.76E-05	4.38E-04	3.76E-05	3.83E-04	3.30E-05	1.05E-05	9.01E-07	1.75E-03	1.50E-04	1.75E-03	1.51E-04	1.35E-03	1.31E-04	4.37E-04	3.76E-05	8.30E-05	7.14E-06	2.40E-05	2.07E-06	5.68E-05	4.88E-06	4.50E-06	4.50E-06	1.01E+00	5.85E-02	1.98E+00	1.06E-01
3237 Gridded	7.58E-05	9.42E-06	1.38E-05	1.72E-06	1.01E-03	1.26E-04	1.01E-03	1.26E-04	8.79E-04	1.09E-04	2.43E-05	3.02E-06	4.04E-03	5.03E-04	4.04E-03	5.03E-04	1.40E-03	1.39E-04	1.01E-03	1.26E-04	1.92E-04	2.39E-05	5.56E-05	6.91E-06	1.31E-04	1.63E-05	1.08E-05	1.08E-05	1.10E+00	6.43E-02	2.19E+00	1.17E-01
3238 Gridded	1.16E-04	1.24E-05	2.12E-05	2.26E-06	1.55E-03	1.65E-04	1.55E-03	1.65E-04	1.35E-03	1.44E-04	3.72E-05	3.96E-06	6.20E-03	6.60E-04	6.20E-03	6.60E-04	1.43E-03	1.46E-04	1.55E-03	1.65E-04	2.95E-04	3.13E-05	8.53E-05	9.07E-06	2.02E-04	2.14E-05	1.42E-05	1.42E-05	1.13E+00	1.11E-01	2.28E+00	1.23E-01
3239 Gridded	6.74E-05	8.23E-06	1.23E-05	1.50E-06	8.98E-04	1.10E-04	8.98E-04	1.10E-04	7.83E-04	9.56E-05	2.16E-05	2.63E-06	3.59E-03	4.38E-04	3.60E-03	4.39E-04	1.44E-03	1.52E-04	8.98E-04	1.10E-04	1.71E-04	2.08E-05	4.94E-05	6.03E-06	1.17E-04	1.42E-05	9.51E-06	9.51E-06	1.09E+00	1.34E-01	2.24E+00	1.22E-01
3240 Gridded	7.82E-05	7.76E-06	1.43E-05	1.45E-06	1.04E-03	1.02E-04	1.04E-03	1.03E-04	9.08E-04	9.22E-05	2.50E-05	2.44E-06	4.17E-03	4.08E-04	4.17E-03	4.15E-04	1.49E-03	1.57E-04	1.04E-03	1.02E-04	1.98E-04	1.93E-05	5.74E-05	5.60E-06	1.36E-04	1.32E-05	1.00E-05	1.00E-05	1.02E+00	1.39E-01	2.60E+00	2.27E-01
3241 Gridded	7.70E-05	7.21E-06	1.41E-05	1.39E-06	1.02E-03	9.24E-05	1.02E-03	9.36E-05	8.98E-04	8.92E-05	2.46E-05	2.20E-06	4.09E-03	3.69E-04	4.11E-03	3.88E-04	1.86E-03	1.84E-04	1.02E-03	9.27E-05	1.94E-04	1.75E-05	5.63E-05	5.05E-06	1.33E-04	1.19E-05	1.11E-05	1.11E-05	1.19E+00	1.57E-01	2.77E+00	2.60E-01
3242 Gridded	7.50E-05	7.44E-06	1.39E-05	1.46E-06	1.00E-03	9.40E-05	1.00E-03	9.57E-05	8.84E-04	9.38E-05	2.40E-05	2.24E-06	4.00E-03	3.75E-04	4.00E-03	4.01E-04	2.54E-03	2.47E-04	1.00E-03	9.44E-05	1.90E-04	1.77E-05	5.50E-05	5.13E-06	1.30E-04	1.21E-05	1.24E-05	1.24E-05	1.34E+00	1.57E-01	2.85E+00	2.46E-01
3243 Gridded	9.13E-05	8.32E-06	1.68E-05	1.64E-06	1.22E-03	1.05E-04	1.22E-03	1.07E-04	1.09E-03	1.05E-04	2.92E-05	2.50E-06	4.87E-03	4.19E-04	4.87E-03	4.48E-04	4.35E-03	2.91E-04	1.22E-03	1.05E-04	2.31E-04	1.98E-05	6.69E-05	5.72E-06	1.58E-04	1.35E-05	1.41E-05	1.41E-05	1.28E+00	1.61E-01	2.64E+00	2.17E-01
3244 Gridded	9.74E-05	8.72E-06	1.95E-05	1.72E-06	1.30E-03	1.10E-04	1.30E-03	1.12E-04	1.27E-03	1.11E-04	3.11E-05	2.61E-06	5.19E-03	4.37E-04	5.20E-03	4.70E-04	6.52E-03	3.26E-04	1.30E-03	1.10E-04	2.46E-04	2.06E-05	7.13E-05	5.97E-06	1.69E-04	1.41E-05	1.51E-05	1.51E-05	1.06E+00	1.62E-01	2.12E+00	1.89E-01
3245 Gridded	9.45E-05	8.53E-06	2.06E-05	1.70E-06	1.24E-03	1.06E-04	1.24E-03	1.09E-04	1.35E-03	1.10E-04	2.97E-05	2.53E-06	4.95E-03	4.25E-04	5.18E-03	4.60E-04	8.13E-03	3.77E-04	1.24E-03	1.07E-04	2.35E-04	2.00E-05	6.80E-05	5.79E-06	1.61E-04	1.37E-05	1.55E-05	1.55E-05	9.11E-01	1.56E-01	1.56E+00	1.83E-01
3246 Gridded	9.22E-05	8.75E-06	2.06E-05	1.78E-06	1.15E-03	1.07E-04	1.15E-03	1.10E-04	1.36E-03	1.16E-04	2.76E-05	2.53E-06	4.60E-03	4.26E-04	5.07E-03	4.74E-04	9.22E-03	4.61E-04	1.15E-03	1.08E-04	2.18E-04	2.01E-05	6.32E-05	5.80E-06	1.49E-04	1.37E-05	1.74E-05	1.74E-05	9.56E-01	1.51E-01	1.95E+00	1.82E-01
3247 Gridded	9.01E-05	9.30E-06	2.06E-05	1.92E-06	1.09E-03	1.16E-04	1.09E-03	1.18E-04	1.36E-03	1.25E-04	2.60E-05	2.76E-06	4.34E-03	4.64E-04	4.98E-03	5.05E-04	1.01E-02	5.38E-04	1.09E-03	1.17E-04	2.06E-04	2.19E-05	5.96E-05	6.33E-06	1.41E-04	1.50E-05	1.93E-05	1.93E-05	9.48E-01	1.57E-01	2.61E+00	1.85E-01
3248 Gridded	8.60E-05	9.83E-06	1.99E-05	2.01E-06	1.03E-03	1.22E-04	1.04E-03	1.25E-04	1.32E-03	1.31E-04	2.45E-05	2.90E-06	4.10E-03	4.87E-04	4.76E-03	5.31E-04	1.03E-02	6.25E-04	1.03E-03	1.23E-04	1.94E-04	2.30E-05	5.61E-05	6.65E-06	1.33E-04	1.57E-05	2.11E-05	2.11E-05	9.17E-01	1.68E-01	3.04E+00	1.90E-01
3249 Gridded	8.00E-05	1.00E-05	1.87E-05	2.04E-06	9.96E-04	1.23E-04	1.01E-03	1.26E-04	1.24E-03	1.33E-04	2.37E-05	2.91E-06	3.98E-03	4.90E-04	4.43E-03	5.42E-04	9.90E-03	6.88E-04	1.00E-03	1.24E-04	1.88E-04	2.31E-05	5.43E-05	6.68E-06	1.28E-04	1.58E-05	2.21E-05	2.21E-05	8.81E-01	1.71E-01	3.17E+00	1.90E-01
3250 Gridded	7.66E-05	1.01E-05	1.71E-05	2.06E-06	9.55E-04	1.23E-04	9.76E-04	1.26E-04	1.14E-03	1.33E-04	2.27E-05	2.91E-06	3.81E-03	4.90E-04	4.14E-03	5.46E-04	9.22E-03	7.17E-04	9.59E-04	1.24E-04	1.80E-04	2.30E-05	5.20E-05	6.66E-06	1.23E-04	1.57E-05	2.24E-05	2.24E-05	9.62E-01	1.65E-01	3.20E+00	1.84E-01
3251 Gridded	5.40E-05	1.54E-05	1.10E-05	3.22E-06	6.60E-04	1.84E-04	6.79E-04	1.91E-04	7.17E-04	2.10E-04	1.56E-05	4.35E-06	2.63E-03	7.34E-04	2.93E-03	8.39E-04	3.66E-03	1.02E-03	6.64E-04	1.86E-04	1.24E-04	3.44E-05	3.58E-05	9.96E-06	8.47E-05	2.35E-05	3.38E-05	3.38E-05	6.45E-01	2.17E-01	7.19E-01	2.38E-01
3252 Gridded	5.50E-05	1.53E-05	1.12E-05	3.21E-06	6.75E-04	1.84E-04	6.93E-04	1.90E-04	7.24E-04	2.09E-04	1.60E-05	4.33E-06	2.69E-03	7.32E-04	2.98E-03	8.35E-04	3.79E-03	1.01E-03	6.79E-04	1.85E-04	1.27E-04	3.43E-05	3.67E-05	9.93E-06	8.67E-05	2.35E-05	3.36E-05	3.36E-05	6.62E-01	2.27E-01	7.77E-01	2.50E-01
3253 Gridded	5.57E-05	1.52E-05	1.13E-05	3.16E-06	6.87E-04	1.82E-04	7.05E-04	1.88E-04	7.29E-04	2.06E-04	1.63E-05	4.29E-06	2.74E-03	7.24E-04	3.02E-03	8.25E-04	3.94E-03	9.93E-04	6.91E-04	1.83E-04	1.29E-04	3.40E-05	3.74E-05	9.83E-06	8.83E-05	2.32E-05	3.30E-05	3.30E-05	6.63E-01	2.32E-01	8.38E-01	2.54E-01
3254 Gridded	5.55E-05	1.47E-05	1.12E-05	3.06E-06	6.87E-04	1.77E-04	7.04E-04	1.83E-04	7.22E-04	2.00E-04	1.63E-05	4.17E-06	2.74E-03	7.04E-04	3.00E-03	8.00E-04	4.02E-03	9.57E-04	6.91E-04	1.78E-04	1.29E-04	3.30E-05	3.74E-05	9.55E-06	8.83E-05	2.26E-05	3.18E-05	3.18E-05	6.81E-01	2.37E-01	9.01E-01	2.56E-01
3255 Gridded	5.31E-05	1.40E-05	1.08E-05	2.92E-06	6.59E-04	1.68E-04	6.75E-04	1.74E-04	7.09E-04	1.90E-04	1.57E-05	3.97E-06	2.63E-03	6.70E-04	2.87E-03	7.60E-04	3.96E-03	9.13E-04	6.63E-04	1.69E-04	1.24E-04	3.14E-05	3.59E-05	9.10E-06	8.48E-05	2.15E-05	3.07E-05	3.07E-05	6.66E-01	2.43E-01	9.62E-01	2.63E-01
3256 Gridded	5.12E-05	1.37E-05	1.07E-05	2.85E-06	6.26E-04	1.64E-04	6.43E-04	1.69E-04	7.03E-04	1.86E-04	1.49E-05	3.86E-06	2.50E-03	6.52E-04	2.78E-03	7.43E-04	3.89E-03	8.73E-04	6.29E-04	1.65E-04	1.18E-04	3.06E-05	3.41E-05	8.85E-06	8.06E-05	2.09E-05	2.97E-05	2.97E-05	6.34E-01	2.44E-01	1.01E+00	2.66E-01
3257 Gridded	4.99E-05	1.31E-05	1.04E-05	2.72E-06	6.10E-04	1.57E-04	6.27E-04	1.63E-04	6.74E-04	1.77E-04	1.45E-05	3.71E-06	2.43E-03	6.26E-04	2.71E-03	7.11E-04	3.66E-03	8.18E-04	6.14E-04	1.58E-04	1.15E-04	2.94E-05	3.31E-05	8.51E-06	7.83E-05	2.01E-05	2.81E-05	2.81E-05	6.85E-01	2.53E-01	1.05E+00	2.69E-01
3258 Gridded	4.98E-05	1.21E-05	1.06E-05	2.51E-06	5.85E-04	1.45E-04	6.10E-04	1.50E-04	6.92E-04	1.63E-04	1.38E-05	3.43E-06	2.33E-03	5.78E-04	2.72E-03	6.56E-04	3.69E-03	7.46E-04	5.91E-04	1.46E-04	1.09E-04	2.71E-05	3.16E-05	7.85E-06	7.46E-05	1.86E-05	2.58E-05	2.58E-05	7.20E-01	2.65E-01	1.07E+00	2.67E-01
3259 Gridded	4.94E-05	1.05E-05	1.05E-05	2.18E-06	5.82E-04	1.26E-04	6.07E-04	1.30E-04	6.86E-04	1.42E-04	1.37E-05	2.97E-06	2.32E-03	5.01E-04	2.70E-03	5.70E-04	3.61E-03	6.60E-04	5.88E-04	1.27E-04	1.09E-04	2.35E-05	3.14E-05	6.81E-06	7.43E-05	1.61E-05	2.26E-05	2.26E-05	7.61E-01	2.80E-01	1.19E+00	2.70E-01
3260 Gridded	5.12E-05	1.01E-05	1.07E-05	2.07E-06	6.11E-04	1.23E-04	6.34E-04	1.27E-04	6.99E-04	1.34E-04	1.44E-05	2.91E-06	2.44E-03	4.90E-04	2.79E-03	5.47E-04	3.37E-03	5.52E-04	6.16E-04	1.24E-04	1.14E-04	2.30E-05	3.31E-05	6.67E-06	7.81E-05	1.58E-05	2.04E-05	2.04E-05	7.73E-01	2.81E-01	1.20E+00	2.54E-01
3261 Gridded	5.25E-05	9.89E-06	1.09E-05	2.00E-06	6.33E-04	1.22E-04	6.54E-04	1.25E-04	7.07E-04	1.29E-04	1.50E-05	2.89E-06	2.52E-03	4.86E-04	2.85E-03	5.35E-04	3.16E-03	4.77E-04	6.38E-04	1.23E-04	1.18E-04	2.29E-05	3.43E-05	6.62E-06	8.11E-05	1.57E-05	1.89E-05	1.89E-05	7.47E-01	2.70E-01	1.10E+00	2.11E-01
3262 Gridded	5.19E-05	9.51E-06	1.05E-05	1.89E-06	6.35E-04	1.19E-04	6.53E-04	1.22E-04	6.84E-04	1.22E-04	1.50E-05	2.83E-06	2.53E-03	4.75E-04	2.81E-03	5.13E-04	2.76E-03	3.87E-04	6.39E-04	1.20E-04	1.19E-04	2.24E-05	3.45E-05	6.49E-06	8.15E-05	1.53E-05	1.68E-05	1.68E-05	7.67E-01	2.54E-01	1.01E+00	1.50E-01
3263 Gridded	4.94E-05	8.32E-06	9.92E-06	1.63E-06	6.13E-04	1.05E-04	6.27E-04	1.07E-04	6.42E-04	1.05E-04	1.46E-05	2.51E-06	2.45E-03	4.20E-04	2.67E-03	4.49E-04	2.35E-03	3.03E-04	6.16E-04	1.06E-04	1.15E-04	1.98E-05	3.33E-05	5.74E-06	7.88E-05	1.36E-05	1.41E-05	1.41E-05	7.91E-01	2.30E-01	1.02E+00	1.14E-01
3264 Gridded	2.79E-05	3.95E-06	5.14E-06	8.12E-07	3.72E-04	4.80E-05	3.72E-04	4.94E-05	3.37E-04	5.27E-05	8.92E-06	1.13E-06	1.49E-03	1.91E-04	1.49E-03	2.14E-04	1.89E-03	2.23E-04	3.72E-04	4.83E-05	7.06E-05	8.98E-06	2.04E-05	2.60E-06	4.83E-05	6.15E-06	8.11E-06	8.11E-06	7.13E-01	1.51E-01	1.22E+00	8.04E-02
3265 Gridded	2.80E-05	1.91E-06	5.33E-06	3.90E-07	3.74E-04	2.53E-05	3.74E-04	2.53E-05	3.45E-04	2.54E-05	8.97E-06	6.07E-07	1.50E-03	1.01E-04	1.50E-03	1.02E-04	1.28E-03	1.18E-04	3.74E-04	2.53E-05	7.10E-05	4.81E-06	2.06E-05	1.39E-06	4.86E-05	3.29E-06	4.04E-06	4.04E-06	7.91E-01	4.88E-02	1.46E+00	8.10E-02
3266 Gridded	3.00E-05	2.21E-06	5.50E-06	4.15E-07	4.00E-04	2.94E-05	4.00E-04	2.94E-05	3.50E-04	2.70E-05	9.59E-06	7.05E-07	1.60E-03	1.18E-04	1.60E-03	1.18E-04	1.31E-03	1.26E-04	4.00E-04	2.94E-05	7.59E-05	5.58E-06	2.20E-05	1.62E-06	5.19E-05	3.82E-06	4.31E-06	4.31E-06	9.41E-01	5.09E-02	1.73E+00	9.39E-02
3267 Gridded	3.34E-05	2.55E-06	6.12E-06	4.67E-07	4.45E-04	3.38E-05	4.45E-04	3.39E-05	3.89E-04	2.97E-05	1.07E-05	8.11E-07	1.78E-03	1.35E-04	1.78E-03	1.36E-04	1.34E-03	1.34E-04	4.45E-04	3.38E-05	8.44E-05	6.42E-06	2.44E-05	1.86E-06	5.78E-05	4.39E-06	4.55E-06	4.55E-06	1.08E+00	5.80E-02	1.99E+00	1.06E-01
3268 Gridded	3.61E-05	2.65E-06	6.63E-06	4.87E-07	4.80E-04	3.52E-05	4.81E-04	3.52E-05	4.21E-04	3.09E-05	1.15E-05	8.44E-07	1.92E-03	1.41E-04	1.93E-03	1.41E-04	1.33E-03	1.42E-04	4.80E-04	3.52E-05	9.12E-05	6.68E-06	2.64E-05	1.93E-06	6.24E-05	4.57E-06	4.82E-06	4.82E-06	1.17E+00	6.33E-02	2.20E+00	1.17E-01
3269 Gridded	1.63E-04	1.16E-05	2.98E-05	2.12E-06	2.17E-03	1.55E-04	2.17E-03	1.55E-04	1.89E-03	1.35E-04	5.22E-05	3.71E-06	8.70E-03	6.19E-04	8.70E-03	6.19E-04	1.30E-03	1.49E-04	2.17E-03	1.55E-04	4.13E-04	2.94E-05	1.20E-04	8.51E-06	2.83E-04	2.01E-05	1.33E-05	1.33E-05	1.20E+00	9.52E-02	2.29E+00	1.22E-01
3270 Gridded	1.73E-04	1.44E-05	3.17E-05	2.64E-06	2.31E-03	1.92E-04	2.31E-03	1.92E-04	2.01E-03	1.67E-04	5.55E-05	4.62E-06	9.25E-03	7.69E-04	9.25E-03	7.69E-04	1.36E-03	1.55E-04	2.31E-03	1.92E-04	4.39E-04	3.65E-05	1.27E-04	1.06E-05	3.00E-04	2.50E-05	1.66E-05	1.66E-05	1.16E+00	1.99E-01	2.26E+00	1.22E-01
3271 Gridded	1.52E-04	1.39E-05	2.78E-05	2.54E-06	2.03E-03	1.85E-04	2.03E-03	1.85E-04	1.76E-03	1.61E-04	4.86E-05	4.43E-06	8.10E-03	7.39E-04	8.11E-03	7.40E-04	1.41E-03	1.60E-04	2.03E-03	1.85E-04	3.85E-04	3.51E-05	1.11E-04	1.02E-05	2.63E-04	2.40E-05	1.60E-05	1.60E-05	1.66E+00	1.99E-01	4.03E+00	1.89E-01
3272 Gridded	1.28E-04	1.25E-05	2.36E-05	2.29E-06	1.70E-03	1.66E-04	1.71E-03	1.66E-04	1.50E-03	1.46E-04	4.09E-05	3.98E-06	6.82E-03	6.64E-04	6.86E-03	6.67E-04	1.73E-03	1.63E-04	1.70E-03	1.66E-04	3.24E-04	3.15E-05	9.37E-05	9.12E-06	2.21E-04	2.16E-05	1.48E-05	1.48E-05	1.45E+00	1.77E-01	3.30E+00	1.82E-01
3273 Gridded	1.06E-04	1.11E-05	1.98E-05	2.06E-06	1.39E-03	1.47E-04	1.40E-03	1.47E-04	1.26E-03	1.32E-04	3.33E-05	3.52E-06	5.57E-03	5.87E-04	5.68E-03	5.95E-04	2.39E-03	1.72E-04	1.39E-03	1.47E-04	2.64E-04	2.79E-05	7.64E-05	8.07E-06	1.81E-04	1.91E-05	1.40E-05	1.40E-05	1.52E+00	1.76E-01	3.07E+00	2.09E-01
3274 Gridded	9.61E-05	1.03E-05	1.79E-05	1.93E-06	1.27E-03	1.34E-04	1.27E-03	1.35E-04	1.15E-03	1.24E-04	3.03E-05	3.22E-06	5.06E-03	5.37E-04	5.14E-03	5.51E-04	3.71E-03	2.20E-04	1.27E-03	1.35E-04	2.40E-04	2.55E-05	6.95E-05	7.37E-06	1.64E-04	1.74E-05	1.40E-05	1.40E-05	1.43E+00	1.90E-01	2.84E+00	2.45E-01
3275 Gridded	9.85E-05	9.69E-06	1.84E-05	1.84E-06	1.29E-03	1.25E-04	1.30E-03	1.27E-04	1.18E-03	1.18E-04	3.09E-05	3.00E-06	5.16E-03	5.01E-04	5.27E-03	5.20E-04	5.19E-03	2.68E-04	1.29E-03	1.26E-04	2.45E-04	2.37E-05	7.08E-05	6.87E-06	1.67E-04	1.62E-05	1.40E-05	1.40E-05	1.15E+00	1.91E-01	2.22E+00	2.39E-01
3276 Gridded	9.59E-05	9.13E-06	1.81E-05	1.76E-06	1.25E-03	1.17E-04	1.26E-03	1.19E-04	1.16E-03	1.13E-04	2.98E-05	2.80E-06	4.98E-03	4.68E-04	5.14E-03	4.91E-04	6.10E-03	3.07E-04	1.25E-03	1.17E-04	2.36E-04	2.21E-05	6.82E-05	6.41E-06	1.61E-04	1.51E-05	1.51E-05	1.51E-05	1.22E+00	1.88E-01	1.60E+00	2.17E-01
3277 Gridded	9.33E-05	9.53E-06	1.79E-05	1.89E-06	1.20E-03	1.19E-04	1.21E-03	1.22E-04	1.15E-03	1.22E-04	2.86E-05	2.83E-06	4.78E-03	4.76E-04	5.01E-03	5.14E-04	6.36E-03	3.77E-04	1.20E-03	1.20E-04	2.26E-04	2.24E-05	6.55E-05	6.49E-06	1.55E-04	1.53E-05	1.69E-05	1.69E-05	1.27E+00	1.78E-01	1.40E+00	1.94E-01
3278 Gridded	9.30E-05	1.05E-05	1.79E-05	2.09E-06	1.23E-03	1.30E-04	1.23E-03	1.33E-04	1.15E-03	1.35E-04	2.95E-05	3.10E-06	4.93E-03	5.20E-04	4.97E-03	5.66E-04	6.63E-03	4.46E-04	1.23E-03	1.31E-04	2.34E-04	2.45E-05	6.77E-05	7.10E-06	1.60E-04	1.68E-05	1.91E-05	1.91E-05	1.25E+00	1.71E-01	1.38E+00	1.87E-01
3279 Gridded	9.66E-05	1.10E-05	1.79E-05	2.22E-06	1.27E-03	1.37E-04	1.28E-03	1.40E-04	1.14E-03	1.44E-04	3.05E-05	3.24E-06	5.09E-03	5.45E-04	5.16E-03	5.97E-04	6.60E-03	5.08E-04	1.27E-03	1.37E-04	2.42E-04	2.57E-05	6.99E-05	7.43E-06	1.65E-04	1.76E-05	2.08E-05	2.08E-05	1.18E+00	1.61E-01	1.53E+00	1.99E-01
3280 Gridded	9.77E-05	1.13E-05	1.82E-05	2.29E-06	1.28E-03	1.39E-04	1.29E-03	1.42E-04	1.16E-03	1.48E-04	3.07E-05	3.28E-06	5.12E-03	5.52E-04	5.23E-03	6.11E-04	6.45E-03	5.65E-04	1.28E-03	1.39E-04	2.43E-04	2.60E-05	7.03E-05	7.52E-06	1.66E-04	1.78E-05	2.20E-05	2.20E-05	1.08E+00	1.51E-01	1.65E+00	1.98E-01
3281 Gridded	9.62E-05	1.13E-05	1.81E-05	2.31E-06	1.25E-03	1.38E-04	1.26E-03	1.42E-04	1.16E-03	1.50E-04	3.00E-05	3.27E-06	5.01E-03	5.51E-04	5.15E-03	6.14E-04	7.14E-03	6.04E-04	1.26E-03	1.39E-04	2.37E-04	2.59E-05	6.87E-05	7.50E-06	1.62E-04	1.77E-05	2.26E-05	2.26E-05	1.01E+00	1.41E-01	1.69E+00	1.93E-01
3282 Gridded	6.52E-05	1.85E-05	1.34E-05	3.85E-06	7.90E-04	2.23E-04	8.15E-04	2.31E-04	8.74E-04	2.50E-04	1.87E-05	5.27E-06	3.15E-03	8.89E-04	3.54E-03	1.01E-03	3.79E-03	1.20E-03	7.95E-04	2.25E-04	1.48E-04	4.17E-05	4.28E-05	1.21E-05	1.01E-04	2.86E-05	3.95E-05	3.95E-05	6.58E-01	1.85E-01	9.23E-01	1.97E-01
3283 Gridded	6.62E-05	1.84E-05	1.36E-05	3.82E-06	8.04E-04	2.22E-04	8.29E-04	2.29E-04	8.85E-04	2.49E-04	1.90E-05	5.24E-06	3.20E-03	8.84E-04	3.59E-03	1.00E-03	3.94E-03	1.20E-03	8.09E-04	2.23E-04	1.50E-04	4.15E-05	4.36E-05	1.20E-05	1.03E-04	2.84E-05	3.92E-05	3.92E-05	6.62E-01	1.93E-01	1.06E+00	2.02E-01
3284 Gridded	6.66E-05	1.81E-05	1.36E-05	3.76E-06	8.11E-04	2.19E-04	8.35E-04	2.26E-04	8.86E-04	2.45E-04	1.92E-05	5.17E-06	3.23E-03	8.72E-04	3.61E-03	9.86E-04	4.14E-03	1.18E-03	8.16E-04	2.20E-04	1.52E-04	4.09E-05	4.40E-05	1.19E-05	1.04E-04	2.80E-05	3.84E-05	3.84E-05	6.61E-01	1.96E-01	1.20E+00	2.06E-01
3285 Gridded	6.66E-05	1.78E-05	1.36E-05	3.67E-06	8.14E-04	2.15E-04	8.38E-04	2.22E-04	8.82E-04	2.39E-04	1.93E-05	5.08E-06	3.25E-03	8.56E-04	3.61E-03	9.65E-04	4.27E-03	1.13E-03	8.20E-04	2.16E-04	1.53E-04	4.02E-05	4.42E-05	1.16E-05	1.04E-04	2.75E-05	3.72E-05	3.72E-05	6.71E-01	2.03E-01	1.35E+00	2.13E-01
3286 Gridded	6.48E-05	1.73E-05	1.32E-05	3.56E-06	7.93E-04	2.09E-04	8.15E-04	2.16E-04	8.55E-04	2.31E-04	1.88E-05	4.94E-06	3.16E-03	8.33E-04	3.51E-03	9.37E-04	4.25E-03	1.08E-03	7.98E-04	2.11E-04	1.49E-04	3.91E-05	4.31E-05	1.13E-05	1.02E-04	2.68E-05	3.58E-05	3.58E-05	6.71E-01	2.13E-01	1.51E+00	2.24E-01
3287 Gridded	6.25E-05	1.66E-05	1.26E-05	3.40E-06	7.71E-04	2.02E-04	7.91E-04	2.07E-04	8.18E-04	2.21E-04	1.83E-05	4.78E-06	3.07E-03	8.04E-04	3.38E-03	8.98E-04	4.15E-03	9.88E-04	7.75E-04	2.03E-04	1.45E-04	3.78E-05	4.19E-05	1.10E-05	9.90E-05	2.59E-05	3.37E-05	3.37E-05	6.97E-01	2.23E-01	1.63E+00	2.32E-01
3288 Gridded	5.95E-05	1.61E-05	1.19E-05	3.23E-06	7.40E-04	2.00E-04	7.57E-04	2.04E-04	7.69E-04	2.09E-04	1.76E-05	4.74E-06	2.95E-03	7.96E-04	3.22E-03	8.70E-04	3.89E-03	8.61E-04	7.44E-04	2.01E-04	1.39E-04	3.75E-05	4.03E-05	1.09E-05	9.52E-05	2.57E-05	3.10E-05	3.10E-05	7.42E-01	2.31E-01	1.72E+00	2.35E-01
3289 Gridded	5.44E-05	1.52E-05	1.08E-05	3.03E-06	6.79E-04	1.89E-04	6.94E-04	1.93E-04	6.99E-04	1.96E-04	1.61E-05	4.50E-06	2.71E-03	7.55E-04	2.94E-03	8.20E-04	3.66E-03	7.71E-04	6.83E-04	1.90E-04	1.28E-04	3.56E-05	3.70E-05	1.03E-05	8.75E-05	2.44E-05	2.78E-05	2.78E-05	7.56E-01	2.33E-01	1.75E+00	2.29E-01
3290 Gridded	4.70E-05	1.30E-05	9.80E-06	2.60E-06	5.66E-04	1.62E-04	5.85E-04	1.65E-04	6.41E-04	1.68E-04	1.34E-05	3.84E-06	2.26E-03	6.45E-04	2.55E-03	7.03E-04	3.58E-03	6.91E-04	5.70E-04	1.63E-04	1.06E-04	3.04E-05	3.07E-05	8.80E-06	7.24E-05	2.08E-05	2.41E-05	2.41E-05	7.62E-01	2.37E-01	1.68E+00	2.12E-01
3291 Gridded	4.70E-05	1.18E-05	9.87E-06	2.37E-06	5.74E-04	1.47E-04	5.91E-04	1.50E-04	6.44E-04	1.54E-04	1.36E-05	3.49E-06	2.29E-03	5.86E-04	2.55E-03	6.40E-04	3.40E-03	5.92E-04	5.78E-04	1.48E-04	1.08E-04	2.76E-05	3.11E-05	7.99E-06	7.36E-05	1.89E-05	2.19E-05	2.19E-05	7.85E-01	2.42E-01	1.39E+00	2.02E-01
3292 Gridded	4.85E-05	1.18E-05	9.86E-06	2.34E-06	5.99E-04	1.49E-04	6.14E-04	1.51E-04	6.43E-04	1.51E-04	1.42E-05	3.55E-06	2.39E-03	5.94E-04	2.62E-03	6.37E-04	3.26E-03	5.27E-04	6.02E-04	1.49E-04	1.12E-04	2.81E-05	3.25E-05	8.13E-06	7.69E-05	1.92E-05	2.07E-05	2.07E-05	7.61E-01	2.26E-01	1.06E+00	1.93E-01
3293 Gridded	4.92E-05	1.19E-05	9.67E-06	2.29E-06	6.21E-04	1.53E-04	6.32E-04	1.55E-04	6.23E-04	1.47E-04	1.48E-05	3.65E-06	2.48E-03	6.11E-04	2.65E-03	6.41E-04	2.85E-03	4.32E-04	6.23E-04	1.53E-04	1.17E-04	2.89E-05	3.39E-05	8.37E-06	8.01E-05	1.98E-05	1.88E-05	1.88E-05	7.01E-01	1.94E-01	1.04E+00	1.55E-01
3294 Gridded	4.65E-05	1.04E-05	9.07E-06	2.00E-06	5.90E-04	1.35E-04	6.00E-04	1.36E-04	5.84E-04	1.28E-04	1.41E-05	3.22E-06	2.36E-03	5.38E-04	2.51E-03	5.61E-04	2.46E-03	3.52E-04	5.92E-04	1.35E-04	1.11E-04	2.55E-05	3.22E-05	7.37E-06	7.62E-05	1.74E-05	1.56E-05	1.56E-05	7.17E-01	1.65E-01	1.02E+00	1.32E-01
3295 Gridded	2.74E-05	3.73E-06	5.28E-06	7.61E-07	3.65E-04	4.56E-05	3.65E-04	4.70E-05	3.42E-04	4.94E-05	8.75E-06	1.08E-06	1.46E-03	1.82E-04	1.46E-03	2.02E-04	2.00E-03	2.65E-04	3.65E-04	4.59E-05	6.93E-05	8.56E-06	2.01E-05	2.48E-06	4.74E-05	5.86E-06	7.59E-06	7.59E-06	7.11E-01	1.24E-01	1.21E+00	1.01E-01
3296 Gridded	2.80E-05	1.94E-06	5.48E-06	3.89E-07	3.73E-04	2.58E-05	3.73E-04	2.58E-05	3.55E-04	2.54E-05	8.96E-06	6.18E-07	1.49E-03	1.03E-04	1.49E-03	1.03E-04	1.29E-03	1.24E-04	3.73E-04	2.58E-05	7.09E-05	4.89E-06	2.05E-05	1.42E-06	4.85E-05	3.35E-06	4.06E-06	4.06E-06	8.10E-01	1.02E-01	1.44E+00	8.01E-02
3297 Gridded	2.99E-05	2.23E-06	5.49E-06	4.10E-07	3.98E-04	2.96E-05	3.98E-04	2.97E-05	3.55E-04	2.65E-05	9.55E-06	7.11E-07	1.59E-03	1.19E-04	1.60E-03	1.19E-04	1.34E-03	1.28E-04	3.98E-04	2.96E-05	7.56E-05	5.63E-06	2.19E-05	1.63E-06	5.18E-05	3.85E-06	4.28E-06	4.28E-06	9.63E-01	5.94E-02	1.69E+00	9.22E-02
3298 Gridded	3.28E-05	2.49E-06	6.02E-06	4.58E-07	4.37E-04	3.31E-05	4.37E-04	3.32E-05	3.82E-04	2.91E-05	1.05E-05	7.95E-07	1.75E-03	1.33E-04	1.75E-03	1.33E-04	1.36E-03	1.36E-04	4.37E-04	3.31E-05	8.30E-05	6.29E-06	2.40E-05	1.82E-06	5.68E-05	4.31E-06	4.61E-06	4.61E-06	1.10E+00	5.84E-02	1.92E+00	1.03E-01
3299 Gridded	5.59E-05	6.86E-06	1.02E-05	1.25E-06	7.45E-04	9.15E-05	7.45E-04	9.15E-05	6.48E-04	7.96E-05	1.79E-05	2.20E-06	2.98E-03	3.66E-04	2.98E-03	3.66E-04	1.35E-03	1.44E-04	7.45E-04	9.15E-05	1.42E-04	1.74E-05	4.10E-05	5.03E-06	9.69E-05	1.19E-05	7.88E-06	7.88E-06	1.19E+00	6.34E-02	2.11E+00	1.13E-01
3300 Gridded	2.27E-04	3.69E-05	4.15E-05	6.74E-06	3.03E-03	4.92E-04	3.03E-03	4.92E-04	2.64E-03	4.28E-04	7.28E-05	1.18E-05	1.21E-02	1.97E-03	1.21E-02	1.97E-03	1.31E-03	1.51E-04	3.03E-03	4.92E-04	5.76E-04	9.34E-05	1.67E-04	2.70E-05	3.94E-04	6.39E-05	4.23E-05	4.23E-05	1.21E+00	6.93E-02	2.19E+00	1.17E-01
3301 Gridded	2.26E-04	3.50E-05	4.12E-05	6.39E-06	3.01E-03	4.66E-04	3.01E-03	4.66E-04	2.62E-03	4.06E-04	7.22E-05	1.12E-05	1.20E-02	1.86E-03	1.20E-02	1.86E-03	1.38E-03	1.58E-04	3.01E-03	4.66E-04	5.71E-04	8.86E-05	1.65E-04	2.56E-05	3.91E-04	6.06E-05	4.01E-05	4.01E-05	1.18E+00	1.43E-01	2.18E+00	1.18E-01
3302 Gridded	1.86E-04	2.85E-05	3.41E-05	5.21E-06	2.48E-03	3.79E-04	2.48E-03	3.79E-04	2.16E-03	3.31E-04	5.94E-05	9.09E-06	9.91E-03	1.51E-03	9.93E-03	1.52E-03	1.43E-03	1.64E-04	2.48E-03	3.79E-04	4.70E-04	7.19E-05	1.36E-04	2.08E-05	3.22E-04	4.92E-05	3.31E-05	3.31E-05	1.70E+00	1.82E-01	3.91E+00	1.80E-01

Scenario 1 Results

3303 Gridded	1.52E-04	2.25E-05	2.80E-05	4.16E-06	2.01E-03	2.98E-04	2.01E-03	2.99E-04	1.78E-03	2.65E-04	4.82E-05	7.15E-06	8.04E-03	1.19E-03	8.11E-03	1.20E-03	1.46E-03	1.67E-04	2.01E-03	2.98E-04	3.81E-04	5.66E-05	1.10E-04	1.64E-05	2.61E-04	3.87E-05	2.76E-05	2.76E-05	1.33E+00	1.90E-01	2.67E+00	1.30E-01
3304 Gridded	1.24E-04	1.81E-05	2.32E-05	3.39E-06	1.63E-03	2.38E-04	1.64E-03	2.39E-04	1.48E-03	2.17E-04	3.91E-05	5.69E-06	6.52E-03	9.50E-04	6.65E-03	9.71E-04	1.69E-03	2.15E-04	1.63E-03	2.38E-04	3.09E-04	4.50E-05	8.95E-05	1.30E-05	2.12E-04	3.08E-05	2.40E-05	2.40E-05	1.36E+00	1.84E-01	2.53E+00	1.52E-01
3305 Gridded	1.05E-04	1.55E-05	2.00E-05	2.95E-06	1.37E-03	2.01E-04	1.38E-03	2.03E-04	1.28E-03	1.89E-04	3.27E-05	4.81E-06	5.47E-03	8.04E-04	5.65E-03	8.33E-04	2.33E-03	2.92E-04	1.37E-03	2.02E-04	2.59E-04	3.81E-05	7.50E-05	1.10E-05	1.77E-04	2.60E-05	2.23E-05	2.23E-05	1.25E+00	1.68E-01	2.35E+00	1.62E-01
3306 Gridded	9.58E-05	1.37E-05	1.86E-05	2.63E-06	1.25E-03	1.76E-04	1.26E-03	1.78E-04	1.20E-03	1.69E-04	2.99E-05	4.19E-06	5.00E-03	7.01E-04	5.16E-03	7.35E-04	2.76E-03	3.36E-04	1.25E-03	1.76E-04	2.37E-04	3.32E-05	6.85E-05	9.60E-06	1.62E-04	2.27E-05	2.09E-05	2.09E-05	1.17E+00	1.55E-01	1.84E+00	1.65E-01
3307 Gridded	9.44E-05	1.22E-05	1.79E-05	2.37E-06	1.23E-03	1.55E-04	1.24E-03	1.57E-04	1.14E-03	1.52E-04	2.93E-05	3.69E-06	4.90E-03	6.18E-04	5.06E-03	6.55E-04	3.15E-03	3.65E-04	1.23E-03	1.55E-04	2.32E-04	2.92E-05	6.72E-05	8.45E-06	1.59E-04	2.00E-05	1.97E-05	1.97E-05	1.03E+00	1.68E-01	1.50E+00	1.87E-01
3308 Gridded	9.38E-05	1.11E-05	1.80E-05	2.19E-06	1.21E-03	1.40E-04	1.22E-03	1.42E-04	1.15E-03	1.41E-04	2.88E-05	3.32E-06	4.82E-03	5.57E-04	5.04E-03	5.98E-04	3.20E-03	4.00E-04	1.21E-03	1.40E-04	2.28E-04	2.63E-05	6.60E-05	7.61E-06	1.56E-04	1.80E-05	1.91E-05	1.91E-05	9.35E-01	1.69E-01	1.52E+00	1.95E-01
3309 Gridded	9.17E-05	1.03E-05	1.78E-05	2.05E-06	1.17E-03	1.28E-04	1.19E-03	1.31E-04	1.14E-03	1.33E-04	2.79E-05	3.04E-06	4.67E-03	5.11E-04	4.94E-03	5.55E-04	3.88E-03	4.33E-04	1.17E-03	1.29E-04	2.21E-04	2.41E-05	6.39E-05	6.97E-06	1.51E-04	1.65E-05	1.87E-05	1.87E-05	9.77E-01	1.68E-01	1.45E+00	1.95E-01
3310 Gridded	8.94E-05	1.04E-05	1.75E-05	2.08E-06	1.15E-03	1.30E-04	1.15E-03	1.33E-04	1.13E-03	1.35E-04	2.74E-05	3.08E-06	4.58E-03	5.18E-04	4.82E-03	5.63E-04	4.66E-03	4.56E-04	1.15E-03	1.30E-04	2.17E-04	2.44E-05	6.28E-05	7.06E-06	1.48E-04	1.67E-05	1.92E-05	1.92E-05	9.79E-01	1.65E-01	1.41E+00	1.83E-01
3311 Gridded	8.91E-05	1.09E-05	1.69E-05	2.20E-06	1.15E-03	1.35E-04	1.16E-03	1.38E-04	1.08E-03	1.42E-04	2.76E-05	3.19E-06	4.61E-03	5.37E-04	4.78E-03	5.90E-04	5.23E-03	5.20E-04	1.16E-03	1.35E-04	2.18E-04	2.53E-05	6.31E-05	7.32E-06	1.49E-04	1.73E-05	2.07E-05	2.07E-05	9.40E-01	1.58E-01	1.36E+00	1.64E-01
3312 Gridded	8.86E-05	1.10E-05	1.70E-05	2.24E-06	1.14E-03	1.36E-04	1.15E-03	1.39E-04	1.09E-03	1.45E-04	2.72E-05	3.21E-06	4.54E-03	5.41E-04	4.76E-03	5.98E-04	5.63E-03	5.77E-04	1.14E-03	1.36E-04	2.15E-04	2.54E-05	6.22E-05	7.37E-06	1.47E-04	1.74E-05	2.15E-05	2.15E-05	8.98E-01	1.49E-01	1.24E+00	1.58E-01
3313 Gridded	6.79E-05	1.88E-05	1.38E-05	3.95E-06	8.33E-04	2.24E-04	8.56E-04	2.33E-04	8.94E-04	2.58E-04	1.97E-05	5.29E-06	3.32E-03	8.93E-04	3.68E-03	1.02E-03	3.67E-03	1.27E-03	8.38E-04	2.26E-04	1.56E-04	4.18E-05	4.52E-05	1.21E-05	1.07E-04	2.86E-05	4.20E-05	4.20E-05	6.67E-01	1.49E-01	1.42E+00	2.07E-01
3314 Gridded	6.78E-05	1.85E-05	1.37E-05	3.89E-06	8.34E-04	2.20E-04	8.56E-04	2.28E-04	8.90E-04	2.54E-04	1.98E-05	5.18E-06	3.33E-03	8.75E-04	3.67E-03	1.01E-03	3.82E-03	1.26E-03	8.39E-04	2.22E-04	1.57E-04	4.10E-05	4.53E-05	1.19E-05	1.07E-04	2.81E-05	4.15E-05	4.15E-05	6.52E-01	1.52E-01	1.58E+00	2.13E-01
3315 Gridded	6.66E-05	1.85E-05	1.35E-05	3.84E-06	8.22E-04	2.24E-04	8.43E-04	2.31E-04	8.71E-04	2.50E-04	1.95E-05	5.29E-06	3.28E-03	8.92E-04	3.61E-03	1.01E-03	4.03E-03	1.22E-03	8.26E-04	2.26E-04	1.54E-04	4.19E-05	4.47E-05	1.21E-05	1.06E-04	2.87E-05	4.02E-05	4.02E-05	6.10E-01	1.54E-01	1.71E+00	2.11E-01
3316 Gridded	6.43E-05	1.89E-05	1.29E-05	3.90E-06	7.94E-04	2.29E-04	8.14E-04	2.37E-04	8.38E-04	2.54E-04	1.88E-05	5.43E-06	3.17E-03	9.14E-04	3.48E-03	1.03E-03	4.16E-03	1.17E-03	7.98E-04	2.31E-04	1.49E-04	4.30E-05	4.32E-05	1.24E-05	1.02E-04	2.94E-05	3.92E-05	3.92E-05	6.63E-01	1.67E-01	1.78E+00	2.05E-01
3317 Gridded	5.91E-05	1.90E-05	1.19E-05	3.89E-06	7.31E-04	2.30E-04	7.49E-04	2.38E-04	7.71E-04	2.53E-04	1.73E-05	5.45E-06	2.92E-03	9.19E-04	3.20E-03	1.03E-03	4.14E-03	1.11E-03	7.35E-04	2.32E-04	1.37E-04	4.32E-05	3.97E-05	1.25E-05	9.39E-05	2.95E-05	3.87E-05	3.87E-05	6.98E-01	1.82E-01	1.83E+00	1.94E-01
3318 Gridded	5.92E-05	1.87E-05	1.20E-05	3.82E-06	7.26E-04	2.28E-04	7.46E-04	2.35E-04	7.79E-04	2.48E-04	1.72E-05	5.41E-06	2.89E-03	9.11E-04	3.21E-03	1.01E-03	4.04E-03	1.03E-03	7.30E-04	2.30E-04	1.37E-04	4.28E-05	3.95E-05	1.24E-05	9.34E-05	2.93E-05	3.75E-05	3.75E-05	7.02E-01	1.97E-01	1.79E+00	1.86E-01
3319 Gridded	5.87E-05	1.80E-05	1.19E-05	3.65E-06	7.40E-04	2.21E-04	7.51E-04	2.27E-04	7.69E-04	2.37E-04	1.76E-05	5.24E-06	2.95E-03	8.82E-04	3.18E-03	9.75E-04	3.90E-03	9.14E-04	7.42E-04	2.22E-04	1.39E-04	4.15E-05	4.04E-05	1.20E-05	9.54E-05	2.84E-05	3.51E-05	3.51E-05	7.22E-01	2.06E-01	1.60E+00	2.06E-01
3320 Gridded	5.63E-05	1.66E-05	1.13E-05	3.35E-06	7.14E-04	2.04E-04	7.25E-04	2.09E-04	7.35E-04	2.17E-04	1.70E-05	4.84E-06	2.85E-03	8.14E-04	3.05E-03	8.97E-04	3.84E-03	8.03E-04	7.17E-04	2.05E-04	1.35E-04	3.83E-05	3.90E-05	1.11E-05	9.22E-05	2.62E-05	3.18E-05	3.18E-05	7.41E-01	2.05E-01	1.32E+00	2.21E-01
3321 Gridded	4.94E-05	1.37E-05	9.97E-06	2.78E-06	6.08E-04	1.67E-04	6.24E-04	1.72E-04	6.46E-04	1.80E-04	1.44E-05	3.96E-06	2.43E-03	6.67E-04	2.67E-03	7.40E-04	3.57E-03	7.08E-04	6.12E-04	1.68E-04	1.14E-04	3.14E-05	3.31E-05	9.08E-06	7.82E-05	2.15E-05	2.70E-05	2.70E-05	7.59E-01	1.96E-01	9.80E-01	2.24E-01
3322 Gridded	4.32E-05	1.08E-05	9.14E-06	2.19E-06	5.12E-04	1.32E-04	5.32E-04	1.36E-04	5.97E-04	1.42E-04	1.21E-05	3.13E-06	2.04E-03	5.26E-04	2.36E-03	5.84E-04	3.23E-03	5.55E-04	5.16E-04	1.33E-04	9.55E-05	2.48E-05	2.76E-05	7.17E-06	6.53E-05	1.69E-05	2.12E-05	2.12E-05	7.78E-01	1.95E-01	9.62E-01	2.06E-01
3323 Gridded	4.28E-05	9.20E-06	8.69E-06	1.87E-06	5.27E-04	1.13E-04	5.41E-04	1.16E-04	5.67E-04	1.21E-04	1.25E-05	2.68E-06	2.10E-03	4.51E-04	2.32E-03	4.98E-04	3.08E-03	4.60E-04	5.30E-04	1.14E-04	9.88E-05	2.12E-05	2.86E-05	6.14E-06	6.76E-05	1.45E-05	1.79E-05	1.79E-05	7.38E-01	2.01E-01	9.93E-01	2.05E-01
3324 Gridded	4.73E-05	8.56E-06	9.44E-06	1.72E-06	5.89E-04	1.06E-04	6.02E-04	1.08E-04	6.10E-04	1.12E-04	1.40E-05	2.51E-06	2.35E-03	4.22E-04	2.56E-03	4.63E-04	2.67E-03	3.96E-04	5.92E-04	1.06E-04	1.11E-04	1.99E-05	3.21E-05	5.76E-06	7.58E-05	1.36E-05	1.61E-05	1.61E-05	7.81E-01	1.77E-01	1.01E+00	1.74E-01
3325 Gridded	5.42E-05	8.31E-06	1.02E-05	1.66E-06	7.22E-04	1.05E-04	7.22E-04	1.06E-04	6.57E-04	1.08E-04	1.73E-05	2.52E-06	2.89E-03	4.21E-04	2.89E-03	4.49E-04	2.49E-03	3.67E-04	7.22E-04	1.06E-04	1.37E-04	1.99E-05	3.97E-05	5.77E-06	9.38E-05	1.36E-05	1.54E-05	1.54E-05	7.79E-01	1.74E-01	1.04E+00	1.41E-01
3326 Gridded	4.24E-05	6.98E-06	8.28E-06	1.35E-06	5.46E-04	8.95E-05	5.47E-04	9.06E-05	5.33E-04	8.64E-05	1.31E-05	2.13E-06	2.18E-03	3.57E-04	2.28E-03	3.75E-04	2.41E-03	3.54E-04	5.46E-04	8.97E-05	1.04E-04	1.69E-05	3.00E-05	4.89E-06	7.09E-05	1.16E-05	1.14E-05	1.14E-05	8.29E-01	1.75E-01	1.18E+00	1.56E-01
3327 Gridded	2.75E-05	2.24E-06	5.46E-06	4.18E-07	3.66E-04	2.94E-05	3.66E-04	2.95E-05	3.53E-04	2.67E-05	8.79E-06	7.03E-07	1.47E-03	1.17E-04	1.47E-03	1.20E-04	1.71E-03	2.38E-04	3.66E-04	2.94E-05	6.96E-05	5.57E-06	2.01E-05	1.61E-06	4.76E-05	3.81E-06	4.88E-06	4.88E-06	9.08E-01	2.05E-01	1.39E+00	1.11E-01
3328 Gridded	2.93E-05	2.15E-06	5.44E-06	3.94E-07	3.90E-04	2.85E-05	3.90E-04	2.86E-05	3.53E-04	2.51E-05	9.35E-06	6.85E-07	1.56E-03	1.14E-04	1.56E-03	1.15E-04	1.34E-03	1.27E-04	3.90E-04	2.85E-05	7.40E-05	5.42E-06	2.14E-05	1.57E-06	5.06E-05	3.71E-06	4.12E-06	4.12E-06	1.05E+00	1.47E-01	1.60E+00	8.79E-02
3329 Gridded	3.20E-05	2.36E-06	5.87E-06	4.33E-07	4.26E-04	3.13E-05	4.27E-04	3.14E-05	3.73E-04	2.75E-05	1.02E-05	7.52E-07	1.70E-03	1.25E-04	1.71E-03	1.26E-04	1.36E-03	1.35E-04	4.26E-04	3.13E-05	8.10E-05	5.95E-06	2.34E-05	1.72E-06	5.54E-05	4.07E-06	4.38E-06	4.38E-06	1.06E+00	9.69E-02	1.80E+00	9.78E-02
3330 Gridded	3.44E-05	3.37E-06	6.31E-06	6.16E-07	4.58E-04	4.50E-05	4.58E-04	4.50E-05	4.01E-04	3.91E-05	1.10E-05	1.08E-06	1.83E-03	1.80E-04	1.84E-03	1.80E-04	1.34E-03	1.43E-04	4.58E-04	4.50E-05	8.70E-05	8.54E-06	2.52E-05	2.47E-06	5.95E-05	5.85E-06	4.73E-06	4.73E-06	1.14E+00	1.06E-01	1.95E+00	1.05E-01
3331 Gridded	4.60E-05	6.38E-06	8.41E-06	1.17E-06	6.13E-04	8.50E-05	6.13E-04	8.50E-05	5.34E-04	7.40E-05	1.47E-05	2.04E-06	2.45E-03	3.40E-04	2.45E-03	3.40E-04	1.30E-03	1.50E-04	6.13E-04	8.50E-05	1.17E-04	1.62E-05	3.37E-05	4.68E-06	7.97E-05	1.11E-05	7.32E-06	7.32E-06	1.16E+00	1.18E-01	2.03E+00	1.10E-01
3332 Gridded	6.72E-05	6.73E-06	1.23E-05	1.23E-06	8.96E-04	8.97E-05	8.96E-04	8.97E-05	7.80E-04	7.80E-05	2.15E-05	2.15E-06	3.58E-03	3.59E-04	3.58E-03	3.59E-04	1.37E-03	1.59E-04	8.96E-04	8.97E-05	1.70E-04	1.70E-05	4.93E-05	4.93E-06	1.16E-04	1.17E-05	7.75E-06	7.75E-06	1.16E+00	1.42E-01	2.41E+00	1.13E-01
3333 Gridded	9.92E-05	1.43E-05	1.81E-05	2.62E-06	1.32E-03	1.91E-04	1.32E-03	1.91E-04	1.15E-03	1.66E-04	3.18E-05	4.58E-06	5.29E-03	7.64E-04	5.29E-03	7.64E-04	1.42E-03	1.68E-04	1.32E-03	1.91E-04	2.51E-04	3.63E-05	7.28E-05	1.05E-05	1.72E-04	2.48E-05	1.66E-05	1.66E-05	1.08E+00	1.57E-01	3.61E+00	1.67E-01
3334 Gridded	1.16E-04	1.77E-05	2.12E-05	3.26E-06	1.54E-03	2.35E-04	1.54E-03	2.35E-04	1.34E-03	2.07E-04	3.70E-05	5.63E-06	6.17E-03	9.39E-04	6.17E-03	9.45E-04	1.45E-03	1.74E-04	1.54E-03	2.35E-04	2.93E-04	4.46E-05	8.49E-05	1.29E-05	2.01E-04	3.05E-05	2.12E-05	2.12E-05	1.16E+00	1.89E-01	5.77E+00	2.60E-01
3335 Gridded	1.03E-04	1.77E-05	1.91E-05	3.30E-06	1.37E-03	2.33E-04	1.37E-03	2.34E-04	1.22E-03	2.10E-04	3.29E-05	5.58E-06	5.49E-03	9.32E-04	5.50E-03	9.48E-04	1.65E-03	1.78E-04	1.37E-03	2.33E-04	2.61E-04	4.42E-05	7.55E-05	1.28E-05	1.78E-04	3.02E-05	2.27E-05	2.27E-05	1.59E+00	1.84E-01	5.87E+00	2.59E-01
3336 Gridded	1.11E-04	1.71E-05	2.03E-05	3.23E-06	1.47E-03	2.23E-04	1.48E-03	2.25E-04	1.29E-03	2.06E-04	3.54E-05	5.34E-06	5.90E-03	8.91E-04	5.91E-03	9.17E-04	2.39E-03	2.58E-04	1.48E-03	2.23E-04	2.80E-04	4.22E-05	8.11E-05	1.22E-05	1.92E-04	2.89E-05	2.35E-05	2.35E-05	1.75E+00	1.68E-01	3.76E+00	1.83E-01
3337 Gridded	1.07E-04	1.62E-05	1.96E-05	3.09E-06	1.42E-03	2.09E-04	1.42E-03	2.11E-04	1.24E-03	1.98E-04	3.40E-05	4.99E-06	5.67E-03	8.35E-04	5.69E-03	8.69E-04	2.88E-03	3.34E-04	1.42E-03	2.10E-04	2.69E-04	3.95E-05	7.79E-05	1.14E-05	1.84E-04	2.70E-05	2.37E-05	2.37E-05	1.44E+00	1.55E-01	1.94E+00	1.91E-01
3338 Gridded	9.66E-05	1.48E-05	1.78E-05	2.86E-06	1.28E-03	1.90E-04	1.28E-03	1.92E-04	1.14E-03	1.83E-04	3.07E-05	4.53E-06	5.13E-03	7.59E-04	5.16E-03	7.97E-04	3.11E-03	3.77E-04	1.28E-03	1.90E-04	2.43E-04	3.59E-05	7.04E-05	1.04E-05	1.66E-04	2.45E-05	2.29E-05	2.29E-05	1.54E+00	1.46E-01	1.49E+00	1.82E-01
3339 Gridded	9.25E-05	1.39E-05	1.81E-05	2.71E-06	1.18E-03	1.76E-04	1.19E-03	1.79E-04	1.16E-03	1.74E-04	2.84E-05	4.20E-06	4.73E-03	7.04E-04	4.98E-03	7.48E-04	3.39E-03	4.30E-04	1.18E-03	1.77E-04	2.25E-04	3.33E-05	6.50E-05	9.63E-06	1.54E-04	2.28E-05	2.27E-05	2.27E-05	1.52E+00	1.44E-01	1.38E+00	1.76E-01
3340 Gridded	9.08E-05	1.30E-05	1.80E-05	2.57E-06	1.19E-03	1.64E-04	1.20E-03	1.67E-04	1.16E-03	1.66E-04	2.86E-05	3.89E-06	4.78E-03	6.53E-04	4.90E-03	7.02E-04	3.64E-03	4.82E-04	1.20E-03	1.64E-04	2.27E-04	3.08E-05	6.56E-05	8.91E-06	1.55E-04	2.11E-05	2.26E-05	2.26E-05	1.39E+00	1.46E-01	1.53E+00	1.81E-01
3341 Gridded	9.68E-05	1.19E-05	1.81E-05	2.38E-06	1.27E-03	1.48E-04	1.28E-03	1.51E-04	1.16E-03	1.54E-04	3.04E-05	3.50E-06	5.07E-03	5.88E-04	5.18E-03	6.42E-04	3.87E-03	5.14E-04	1.27E-03	1.48E-04	2.40E-04	2.77E-05	6.96E-05	8.03E-06	1.64E-04	1.90E-05	2.18E-05	2.18E-05	1.23E+00	1.50E-01	1.60E+00	1.85E-01
3342 Gridded	9.60E-05	1.06E-05	1.81E-05	2.14E-06	1.25E-03	1.30E-04	1.26E-03	1.34E-04	1.16E-03	1.39E-04	2.99E-05	3.09E-06	5.00E-03	5.19E-04	5.15E-03	5.73E-04	4.36E-03	5.22E-04	1.25E-03	1.31E-04	2.37E-04	2.44E-05	6.86E-05	7.07E-06	1.62E-04	1.67E-05	2.05E-05	2.05E-05	1.05E+00	1.50E-01	1.57E+00	1.80E-01
3343 Gridded	9.27E-05	9.81E-06	1.76E-05	2.01E-06	1.20E-03	1.21E-04	1.21E-03	1.24E-04	1.13E-03	1.31E-04	2.87E-05	2.87E-06	4.80E-03	4.83E-04	4.97E-03	5.31E-04	4.74E-03	5.59E-04	1.20E-03	1.22E-04	2.27E-04	2.28E-05	6.58E-05	6.59E-06	1.56E-04	1.56E-05	2.02E-05	2.02E-05	8.80E-01	1.43E-01	1.48E+00	1.64E-01
3344 Gridded	6.28E-05	1.79E-05	1.28E-05	3.74E-06	7.70E-04	2.15E-04	7.91E-04	2.23E-04	8.32E-04	2.44E-04	1.82E-05	5.07E-06	3.07E-03	8.57E-04	3.40E-03	9.76E-04	3.72E-03	1.17E-03	7.75E-04	2.17E-04	1.44E-04	4.02E-05	4.18E-05	1.16E-05	9.88E-05	2.75E-05	3.91E-05	3.91E-05	6.96E-01	1.58E-01	1.61E+00	1.94E-01
3345 Gridded	6.63E-05	1.83E-05	1.35E-05	3.83E-06	8.14E-04	2.20E-04	8.36E-04	2.27E-04	8.72E-04	2.49E-04	1.93E-05	5.18E-06	3.25E-03	8.75E-04	3.59E-03	9.97E-04	3.57E-03	1.18E-03	8.19E-04	2.21E-04	1.53E-04	4.10E-05	4.42E-05	1.19E-05	1.04E-04	2.81E-05	4.00E-05	4.00E-05	7.14E-01	1.70E-01	1.69E+00	1.86E-01
3346 Gridded	6.75E-05	1.84E-05	1.37E-05	3.84E-06	8.29E-04	2.20E-04	8.52E-04	2.28E-04	8.88E-04	2.50E-04	1.97E-05	5.20E-06	3.31E-03	8.77E-04	3.66E-03	1.00E-03	3.62E-03	1.18E-03	8.34E-04	2.22E-04	1.56E-04	4.11E-05	4.50E-05	1.19E-05	1.06E-04	2.81E-05	4.01E-05	4.01E-05	6.95E-01	1.74E-01	1.69E+00	1.74E-01
3347 Gridded	6.77E-05	1.82E-05	1.37E-05	3.78E-06	8.33E-04	2.18E-04	8.55E-04	2.26E-04	8.89E-04	2.46E-04	1.97E-05	5.15E-06	3.32E-03	8.69E-04	3.67E-03	9.88E-04	3.71E-03	1.15E-03	8.38E-04	2.20E-04	1.56E-04	4.08E-05	4.52E-05	1.18E-05	1.07E-04	2.79E-05	3.92E-05	3.92E-05	6.89E-01	1.75E-01	1.58E+00	1.90E-01
3348 Gridded	6.40E-05	1.73E-05	1.30E-05	3.60E-06	7.85E-04	2.08E-04	8.06E-04	2.15E-04	8.42E-04	2.35E-04	1.86E-05	4.91E-06	3.13E-03	8.29E-04	3.46E-03	9.42E-04	3.67E-03	1.09E-03	7.90E-04	2.10E-04	1.47E-04	3.89E-05	4.26E-05	1.13E-05	1.01E-04	2.66E-05	3.73E-05	3.73E-05	7.11E-01	1.73E-01	1.42E+00	2.02E-01
3349 Gridded	5.84E-05	1.62E-05	1.19E-05	3.36E-06	7.16E-04	1.94E-04	7.36E-04	2.01E-04	7.70E-04	2.19E-04	1.70E-05	4.59E-06	2.86E-03	7.74E-04	3.17E-03	8.79E-04	4.00E-03	1.01E-03	7.21E-04	1.96E-04	1.34E-04	3.63E-05	3.89E-05	1.05E-05	9.19E-05	2.49E-05	3.47E-05	3.47E-05	7.14E-01	1.67E-01	1.17E+00	2.15E-01
3350 Gridded	5.31E-05	1.47E-05	1.12E-05	3.04E-06	6.55E-04	1.77E-04	6.65E-04	1.83E-04	7.31E-04	1.98E-04	1.56E-05	4.17E-06	2.61E-03	7.04E-04	2.88E-03	7.96E-04	4.25E-03	8.92E-04	6.57E-04	1.78E-04	1.24E-04	3.30E-05	3.58E-05	9.56E-06	8.45E-05	2.26E-05	3.11E-05	3.11E-05	7.37E-01	1.73E-01	8.27E-01	2.17E-01
3351 Gridded	5.17E-05	1.25E-05	1.05E-05	2.59E-06	6.48E-04	1.50E-04	6.61E-04	1.55E-04	6.92E-04	1.69E-04	1.54E-05	3.55E-06	2.59E-03	5.99E-04	2.79E-03	6.79E-04	4.22E-03	7.68E-04	6.51E-04	1.51E-04	1.22E-04	2.81E-05	3.53E-05	8.14E-06	8.35E-05	1.92E-05	2.66E-05	2.66E-05	7.57E-01	1.95E-01	8.64E-01	2.04E-01
3352 Gridded	4.91E-05	9.20E-06	1.01E-05	1.94E-06	6.11E-04	1.09E-04	6.25E-04	1.13E-04	6.55E-04	1.27E-04	1.45E-05	2.57E-06	2.44E-03	4.35E-04	2.66E-03	5.02E-04	3.87E-03	6.42E-04	6.14E-04	1.10E-04	1.15E-04	2.04E-05	3.33E-05	5.90E-06	7.87E-05	1.39E-05	2.09E-05	2.09E-05	7.28E-01	2.04E-01	9.33E-01	2.21E-01
3353 Gridded	4.69E-05	8.95E-06	9.77E-06	1.89E-06	5.79E-04	1.06E-04	5.93E-04	1.10E-04	6.37E-04	1.24E-04	1.38E-05	2.50E-06	2.31E-03	4.22E-04	2.55E-03	4.88E-04	3.23E-03	6.32E-04	5.82E-04	1.07E-04	1.09E-04	1.98E-05	3.15E-05	5.72E-06	7.45E-05	1.35E-05	2.04E-05	2.04E-05	7.66E-01	1.97E-01	8.60E-01	2.15E-01
3354 Gridded	5.54E-05	8.30E-06	1.07E-05	1.78E-06	7.31E-04	1.01E-04	7.33E-04	1.03E-04	6.92E-04	1.16E-04	1.75E-05	2.40E-06	2.92E-03	4.03E-04	2.96E-03	4.54E-04	3.38E-03	6.41E-04	7.31E-04	1.01E-04	1.39E-04	1.90E-05	4.01E-05	5.50E-06	9.49E-05	1.30E-05	1.98E-05	1.98E-05	8.25E-01	2.02E-01	1.17E+00	1.88E-01
3355 Gridded	5.70E-05	8.81E-06	1.14E-05	1.75E-06	7.34E-04	1.10E-04	7.38E-04	1.12E-04	7.34E-04	1.13E-04	1.76E-05	2.62E-06	2.94E-03	4.40E-04	3.08E-03	4.76E-04	3.30E-03	5.99E-04	7.35E-04	1.11E-04	1.39E-04	2.07E-05	4.03E-05	6.00E-06	9.52E-05	1.42E-05	1.77E-05	1.77E-05	8.28E-01	1.84E-01	1.70E+00	1.83E-01
3356 Gridded	5.54E-05	8.13E-06	1.04E-05	1.63E-06	7.36E-04	1.06E-04	7.37E-04	1.07E-04	6.76E-04	1.05E-04	1.77E-05	2.53E-06	2.95E-03	4.23E-04	2.96E-03	4.38E-04	2.89E-03	5.00E-04	7.37E-04	1.06E-04	1.40E-04	2.01E-05	4.05E-05	5.81E-06	9.57E-05	1.37E-05	1.50E-05	1.50E-05	8.70E-01	1.91E-01	1.36E+00	2.08E-01
3357 Gridded	8.71E-05	1.05E-05	1.59E-05	1.93E-06	1.16E-03	1.39E-04	1.16E-03	1.39E-04	1.01E-03	1.22E-04	2.79E-05	3.34E-06	4.65E-03	5.57E-04	4.65E-03	5.60E-04	2.43E-03	3.76E-04	1.16E-03	1.39E-04	2.21E-04	2.65E-05	6.39E-05	7.66E-06	1.51E-04	1.81E-05	1.24E-05	1.24E-05	9.30E-01	2.55E-01	1.14E+00	1.72E-01
3358 Gridded	1.28E-04	9.04E-06	2.33E-05	1.65E-06	1.70E-03	1.20E-04	1.70E-03	1.20E-04	1.48E-03	1.05E-04	4.08E-05	2.89E-06	6.81E-03	4.82E-04	6.81E-03	4.82E-04	1.84E-03	2.72E-04	1.70E-03	1.20E-04	3.23E-04	2.29E-05	9.36E-05	6.63E-06	2.21E-04	1.57E-05	1.04E-05	1.04E-05	9.73E-01	1.93E-01	1.38E+00	1.07E-01
3359 Gridded	4.47E-05	3.78E-06	8.16E-06	6.91E-07	5.96E-04	5.05E-05	5.96E-04	5.05E-05	5.18E-04	4.39E-05	1.43E-05	1.21E-06	2.38E-03	2.02E-04	2.38E-03	2.02E-04	1.31E-03	1.24E-04	5.96E-04	5.05E-05	1.13E-04	9.59E-06	3.28E-05	2.78E-06	7.74E-05	6.56E-06	4.39E-06	4.39E-06	1.18E+00	2.31E-01	1.48E+00	1.46E-01
3360 Gridded	3.09E-05	3.61E-06	5.67E-06	6.60E-07	4.12E-04	4.81E-05	4.12E-04	4.81E-05	3.60E-04	4.19E-05	9.88E-06	1.15E-06	1.65E-03	1.92E-04	1.65E-03	1.92E-04	1.32E-03	1.32E-04	4.12E-04	4.81E-05	7.82E-05	9.13E-06	2.26E-05	2.64E-06	5.35E-05	6.25E-06	4.16E-06	4.16E-06	9.78E-01	1.62E-01	1.65E+00	9.10E-02
3361 Gridded	5.57E-05	6.38E-06	1.02E-05	1.17E-06	7.43E-04	8.50E-05	7.43E-04	8.51E-05	6.47E-04	7.40E-05	1.78E-05	2.04E-06	2.97E-03	3.40E-04	2.97E-03	3.40E-04	1.30E-03	1.40E-04	7.43E-04	8.50E-05	1.41E-04	1.62E-05	4.08E-05	4.68E-06	9.65E-05	1.11E-05	7.33E-06	7.33E-06	1.05E+00	1.69E-01	1.79E+00	9.80E-02
3362 Gridded	5.59E-05	8.69E-06	1.02E-05	1.59E-06	7.45E-04	1.16E-04	7.45E-04	1.16E-04	6.49E-04	1.01E-04	1.79E-05	2.78E-06	2.98E-03	4.63E-04	2.98E-03	4.63E-04	1.26E-03	1.47E-04	7.45E-04	1.16E-04	1.42E-04	2.20E-05	4.10E-05	6.36E-06	9.68E-05	1.50E-05	1.00E-05	1.00E-05	1.08E+00	9.47E-02	1.87E+00	1.03E-01
3363 Gridded	5.29E-05	8.74E-06	9.83E-06	1.62E-06	6.98E-04	1.15E-04	7.00E-04	1.16E-04	6.26E-04	1.03E-04	1.67E-05	2.76E-06	2.79E-03	4.61E-04	2.83E-03	4.67E-04	1.33E-03	1.55E-04	6.98E-04	1.15E-04	1.32E-04	2.19E-05	3.83E-05	6.33E-06	9.05E-05	1.50E-05	1.10E-05	1.10E-05	2.34E+00	1.92E-01	1.89E+00	1.05E-01
3364 Gridded	4.56E-05	6.41E-06	8.69E-06	1.24E-06	5.89E-04	8.21E-05	5.95E-04	8.31E-05	5.57E-04	7.94E-05	1.41E-05	1.96E-06	2.36E-03	3.28E-04	2.44E-03	3.45E-04	1.38E-03	1.67E-04	5.91E-04	8.23E-05	1.12E-04	1.55E-05	3.23E-05	4.49E-06	7.63E-05	1.06E-05	9.96E-06	9.96E-06	2.71E+00	1.56E-01	5.75E+00	2.82E-01
3365 Gridded	3.87E-05	6.79E-06	7.47E-06	1.36E-06	5.15E-04	8.45E-05	5.15E-04	8.64E-05	4.81E-04	8.77E-05	1.24E-05	2.01E-06	2.06E-03	3.37E-04	2.06E-03	3.67E-04	1.89E-03	2.90E-04	5.15E-04	8.49E-05	9.79E-05	1.59E-05	2.83E-05	4.60E-06	6.70E-05	1.09E-05	1.24E-05	1.24E-05	1.37E+00	2.00E-01	5.73E+00	2.59E-01
3366 Gridded	6.20E-05	6.51E-06	1.13E-05	1.25E-06	8.26E-04	8.64E-05	8.26E-04	8.65E-05	7.21E-04	8.09E-05	1.98E-05	2.07E-06	3.30E-03	3.45E-04	3.31E-03	3.47E-04	2.01E-03	3.15E-04	8.26E-04	8.64E-05	1.57E-04	1.64E-05	4.54E-05	4.75E-06	1.07E-04	1.12E-05	1.21E-05	1.21E-05	1.56E+00	2.13E-01	7.16E+00	3.28E-01
3367 Gridded	6.78E-05	9.46E-06	1.24E-05	1.75E-06	9.02E-04	1.25E-04	9.03E-04	1.25E-04	7.91E-04	1.12E-04	2.16E-05	2.99E-06	3.61E-03	4.99E-04	3.62E-03	5.05E-04	1.95E-03	3.10E-04	9.02E-04	1.25E-04	1.71E-04	2.37E-05	4.96E-05	6.85E-06	1.17E-04	1.62E-05	1.18E-05	1.18E-05	1.35E+00	1.91E-01	8.28E+00	3.69E-01
3368 Gridded	8.85E-05	1.16E-05	1.63E-05	2.18E-06	1.18E-03	1.52E-04	1.18E-03	1.53E-04	1.03E-03	1.39E-04	2.82E-05	3.65E-06	4.70E-03	6.10E-04	4.72E-03	6.23E-04	2.16E-03	2.78E-04	1.18E-03	1.53E-04	2.23E-04	2.89E-05	6.46E-05	8.36E-06	1.53E-04	1.98E-05	1.54E-05	1.54E-05	9.58E-01	1.73E-01	6.40E+00	2.84E-01
3369 Gridded	9.83E-05	1.31E-05	1.81E-05	2.47E-06	1.30E-03	1.70E-04	1.30E-03	1.72E-04	1.15E-03	1.58E-04	3.12E-05	4.08E-06	5.21E-03	6.81E-04	5.25E-03	7.02E-04	2.36E-03	2.38E-04	1.30E-03	1.71E-04	2.47E-04	3.23E-05	7.15E-05	9.34E-06	1.69E-04	2.21E-05	1.82E-05	1.82E-05	1.02E+00	1.59E-01	3.81E+00	1.87E-01
3370 Gridded	9.68E-05	1.39E-05	1.81E-05	2.65E-06	1.28E-03	1.80E-04	1.28E-03	1.82E-04	1.16E-03	1.70E-04	3.07E-05	4.29E-06	5.11E-03	7.18E-04	5.17E-03	7.46E-04	3.02E-03	2.83E-04	1.28E-03	1.80E-04	2.43E-04	3.40E-05	7.02E-05	9.84E-06	1.66E-04	2.33E-05	2.03E-05	2.03E-05	1.30E+00	1.51E-01	1.83E+00	1.87E-01
3371 Gridded	1.06E-04	1.44E-05	1.98E-05	2.78E-06	1.39E-03	1.84E-04	1.39E-03	1.87E-04	1.26E-03	1.79E-04	3.32E-05	4.40E-06	5.54E-03	7.36E-04	5.66E-03	7.74E-04	3.66E-03	3.79E-04	1.39E-03	1.85E-04	2.63E-04	3.48E-05	7.61E-05	1.01E-05	1.80E-04	2.38E-05	2.25E-05	2.25E-05	1.46E+00	1.59E-01	1.52E+00	1.89E-01
3372 Gridded	1.10E-04	1.39E-05	2.07E-05	2.72E-06	1.43E-03	1.76E-04	1.44E-03	1.79E-04	1.32E-03	1.75E-04	3.42E-05	4.19E-06	5.71E-03	7.02E-04	5.88E-03	7.49E-04	3.86E-03	4.56E-04	1.43E-03	1.76E-04	2.70E-04	3.31E-05	7.83E-05	9.59E-06	1.85E-04	2.27E-05	2.31E-05	2.31E-05	1.48E+00	1.68E-01	1.62E+00	1.91E-01
3373 Gridded	1.06E-04	1.29E-05	2.01E-05	2.56E-06	1.37E-03	1.62E-04	1.38E-03	1.65E-04	1.29E-03	1.65E-04	3.27E-05	3.85E-06	5.46E-03	6.47E-04	5.66E-03	6.98E-04	4.69E-03	5.00E-04	1.37E-03	1.63E-04	2.59E-04	3.05E-05	7.48E-05	8.83E-06	1.77E-04	2.09E-05	2.28E-05	2.28E-05	1.40E+00	1.71E-01	1.56E+00	1.94E-01
3374 Gridded	9.68E-05	1.17E-05	1.85E-05	2.34E-06	1.25E-03	1.45E-04	1.26E-03	1.48E-04	1.19E-03	1.51E-04	2.98E-05	3.44E-06	4.98E-03	5.78E-04	5.20E-03	6.31E-04	5.42E-03	5.17E-04	1.25E-03	1.46E-04	2.36E-04	2.72E-05	6.82E-05	7.88E-06	1.61E-04	1.86E-05	2.15E-05	2.15E-05	1.29E+00	1.64E-01	1.43E+00	1.93E-01
3375 Gridded	6.31E-05	1.63E-05	1.31E-05	3.43E-06	7.59E-04	1.94E-04	7.85E-04	2.01E-04	8.52E-04	2.24E-04	1.80E-05	4.57E-06	3.02E-03	7.72E-04	3.43E-03	8.87E-04	3.89E-03	1.11E-03	7.65E-04	1.95E-04	1.42E-04	3.62E-05	4.12E-05	1.05E-05	9.75E-05	2.47E-05	3.66E-05	3.66E-05	6.88E-01	1.53E-01	1.39E+00	1.78E-01
3376 Gridded	6.47E-05	1.61E-05	1.30E-05	3.40E-06	8.03E-04	1.91E-04	8.22E-04	1.99E-04	8.39E-04	2.22E-04	1.91E-05	4.51E-06	3.20E-03	7.62E-04	3.50E-03	8.78E-04	3.87E-03	1.12E-03	8.07E-04	1.93E-04	1.51E-04	3.57E-05	4.37E-05	1.03E-05	1.03E-04	2.44E-05	3.64E-05	3.64E-05	6.98E-01	1.52E-01	1.32E+00	1.82E-01
3377 Gridded	6.60E-05	1.56E-05	1.32E-05	3.29E-06	8.19E-04	1.84E-04	8.38E-04	1.92E-04	8.55E-04	2.15E-04	1.94E-05	4.34E-06	3.27E-03	7.33E-04	3.57E-03	8.48E-04	3.77E-03	1.10E-03	8.23E-04	1.86E-04	1.54E-04	3.43E-05	4.46E-05	9.94E-06	1.05E-04	2.35E-05	3.55E-05	3.55E-05	6.97E-01	1.55E-01	1.18E+00	1.97E-01
3378 Gridded	6.51E-05	1.46E-05	1.31E-05	3.10E-06	8.07E-04	1.73E-04	8.27E-04	1.80E-04	8.45E-04	2.02E-04	1.92E-05	4.08E-06	3.22E-03	6.90E-04	3.52E-03	7.98E-04	3.52E-03	1.04E-03	8.12E-04	1.75E-04	1.52E-04	3.23E-05	4.39E-05	9.35E-06	1.04E-04	2.21E-05	3.36E-05	3.36E-05	7.43E-01	1.59E-01	9.68E-01	2.04E-01
3379 Gridded	5.96E-05	1.31E-05	1.20E-05	2.79E-06	7.35E-04	1.54E-04	7.54E-04	1.61E-04	7.78E-04	1.82E-04	1.74E-05	3.64E-06	2.93E-03	6.15E-04	3.22E-03	7.16E-04	3.63E-03	9.64E-04	7.39E-04	1.56E-04	1.38E-04	2.88E-05	4.00E-05	8.33E-06	9.45E-05	1.97E-05	3.05E-05	3.05E-05	7.47E-01	1.61E-01	8.27E-01	2.15E-01
3380 Gridded	5.73E-05	1.10E-05	1.16E-05	2.36E-06	7.05E-04	1.30E-04	7.24E-04	1.36E-04	7.53E-04	1.55E-04	1.67E-05	3.07E-06	2.81E-03	5.19E-04	3.11E-03	6.03E-04	3.89E-03	8.50E-04	7.09E-04	1.32E-04	1.32E-04	2.43E-05	3.83E-05	7.04E-06	9.05E-05	1.66E-05	2.63E-05	2.63E-05	7.37E-01	1.74E-01	8.63E-01	2.25E-01
3381 Gridded	5.83E-05	1.12E-05	1.18E-05	2.37E-06	7.16E-04	1.32E-04	7.35E-04	1.37E-04	7.67E-04	1.55E-04	1.70E-05	3.10E-06	2.85E-03	5.25E-04	3.16E-03	6.09E-04	4.08E-03	8.14E-04	7.20E-04	1.33E-04	1.34E-04	2.46E-05	3.89E-05	7.11E-06	9.19E-05	1.68E-05	2.59E-05	2.59E-05	6.97E-01	1.96E-01	8.52E-01	2.13E-01
3382 Gridded	6.70E-05	1.07E-05	1.26E-05	2.30E-06	8.78E-04	1.26E-04	8.83E-04	1.31E-04	8.01E-04	1.51E-04	2.10E-05	2.95E-06	3.51E-03	5.00E-04	3.59E-03	5.87E-04	3.98E-03	8.35E-04	8.79E-04	1.27E-04	1.66E-04	2.34E-05	4.82E-05	6.77E-06	1.14E-04	1.60E-05	2.58E-05	2.58E-05	7.35E-01	2.25E-01	8.53E-01	2.17E-01
3383 Gridded	7.71E-05	9.66E-06	1.45E-05	2.04E-06	1.01E-03	1.18E-04	1.01E-03	1.22E-04	9.27E-04	1.34E-04	2.41E-05	2.80E-06	4.02E-03	4.71E-04	4.13E-03	5.24E-04	3.60E-03	8.11E-04	1.01E-03	1.19E-04	1.90E-04	2.22E-05	5.51E-05	6.42E-06	1.30E-04	1.52E-05	2.38E-05	2.38E-05	7.63E-01	2.24E-01	8.66E-01	2.03E-01
3384 Gridded	6.59E-05	9.08E-06	1.25E-05	1.87E-06	8.52E-04	1.10E-04	8.61E-04	1.14E-04	8.03E-04	1.21E-04	2.04E-05	2.61E-06	3.41E-03	4.39E-04	3.53E-03	4.93E-04	3.52E-03	7.44E-04	8.54E-04	1.11E-04	1.61E-04	2.06E-05	4.67E-05	5.97E-06	1.10E-04	1.41E-05	2.09E-05	2.09E-05	8.10E-01	2.01E-01	1.58E+00	1.86E-01
3385 Gridded	5.50E-05	8.62E-06	1.14E-05	1.79E-06	6.72E-04	1.04E-04	6.85E-04	1.07E-04	7.41E-04	1.17E-04	1.61E-05	2.45E-06	2.69E-03	4.13E-04	2.99E-03	4.69E-04	3.40E-03	6.79E-04	6.72E-04	1.04E-04	1.27E-04	1.94E-05	3.69E-05	5.60E-06	8.72E-05	1.32E-05	1.86E-05	1.86E-05	8.69E-01	1.83E-01	2.13E+00	2.05E-01
3386 Gridded	5.65E-05	8.16E-06	1.04E-05	1.55E-06	7.52E-04	1.08E-04	7.53E-04	1.08E-04	6.59E-04	1.01E-04	1.81E-05	2.59E-06	3.01E-03	4.33E-04	3.02E-03	4.36E-04	3.36E-03	5.67E-04	7.52E-04	1.08E-04	1.43E-04	2.05E-05	4.14E-05	5.94E-06	9.78E-05	1.40E-05	1.70E-05	1.70E-05	8.71E-01	1.98E-01	1.80E+00	2.42E-01
3387 Gridded	7.31E-05	1.14E-05	1.34E-05	2.11E-06	9.75E-04	1.51E-04	9.75E-04	1.51E-04	8.48E-04	1.34E-04	2.34E-05	3.62E-06	3.90E-03	6.04E-04	3.90E-03	6.10E-04	2.97E-03	4.68E-04	9.75E-04	1.51E-04	1.85E-04	2.87E-05	5.36E-05	8.30E-06	1.27E-04	1.96E-05	1.40E-05	1.40E-05	9.11E-01	2.56E-01	9.77E-01	2.28E-01
3388 Gridded	9.50E-05	9.17E-06	1.74E-05	1.71E-06	1.26E-03	1.20E-04	1.26E-03	1.21E-04	1.10E-03	1.09E-04	3.03E-05	2.88E-06	5.06E-03	4.81E-04	5.07E-03	4.90E-04	2.25E-03	3.58E-04	1.26E-03	1.21E-04	2.40E-04	2.28E-05	6.95E-05	6.61E-06	1.64E-04	1.56E-05	1.19E-05	1.19E-05	1.13E+00	3.02E-01	1.09E+00	1.54E-01
3389 Gridded	1.17E-04	1.12E-05	2.14E-05	2.05E-06	1.56E-03	1.50E-04	1.56E-03	1.50E-04	1.36E-03	1.30E-04	3.75E-05	3.59E-06	6.25E-03	5.99E-04	6.25E-03	5.99E-04	2.26E-03	2.65E-04	1.56E-03	1.50E-04	2.97E-04	2.85E-05	8.59E-05	8.24E-06	2.03E-04	1.95E-05	1.29E-05	1.29E-05	1.22E+00	2.19E-01	1.62E+00	1.79E-01
3390 Gridded	6.82E-05	5.94E-06	1.25E-05	1.09E-06	9.09E-04	7.91E-05	9.09E-04	7.91E-05	7.92E-04	6.91E-05	2.18E-05	1.90E-06	3.63E-03	3.16E-04	3.64E-03	3.17E-04	1.83E-03	1.90E-04	9.09E-04	7.91E-05	1.73E-04	1.50E-05	5.00E-05	4.35E-06	1.18E-04	1.03E-05	8.37E-06	8.37E-06	1.14E+00	2.09E-01	1.38E+00	1.52E-01
3391 Gridded	4.87E-05	6.26E-06	8.90E-06	1.15E-06	6.48E-04	8.29E-05	6.48E-04	8.30E-05	5.65E-04	7.35E-05	1.56E-05	1.99E-06	2.59E-03	3.31E-04	2.60E-03	3.34E-04	1.62E-03	1.54E-04	6.48E-04	8.29E-05	1.23E-04	1.57E-05	3.56E-05	4.55E-06	8.43E-05	1.08E-05	7.62E-06	7.62E-06	9.38E-01	1.99E-01	1.52E+00	1.15E-01
3392 Gridded	5.33E-05	5.27E-06	9.74E-06	9.70E-07	7.11E-04	7.00E-05	7.11E-04	7.01E-05	6.18E-04	6.17E-05	1.71E-05	1.68E-06	2.84E-03	2.80E-04	2.84E-03	2.81E-04	1.24E-03	1.35E-04	7.11E-04	7.00E-05	1.35E-04	1.33E-05	3.91E-05	3.85E-06	9.24E-05	9.09E-06	6.30E-06	6.30E-06	9.56E-01	1.90E-01	1.64E+00	9.50E-02
3393 Gridded	5.80E-05	8.07E-06	1.10E-05	1.49E-06	7.54E-04	1.07E-04	7.60E-04	1.07E-04	7.00E-04	9.50E-05	1.80E-05	2.55E-06	3.02E-03	4.26E-04	3.11E-03	4.31E-04	1.21E-03	1.43E-04	7.56E-04	1.07E-04	1.43E-04	2.02E-05	4.13E-05	5.85E-06	9.77E-05	1.38E-05	9.98E-06	9.98E-06	9.88E-01	1.53E-01	1.72E+00	1.18E-01
3394 Gridded	5.24E-05	8.42E-06	9.70E-06	1.56E-06	6.92E-04	1.11E-04	6.94E-04	1.11E-04	6.18E-04	9.96E-05	1.66E-05	2.66E-06	2.77E-03	4.44E-04	2.80E-03	4.50E-04	1.88E-03	1.56E-04	6.93E-04	1.11E-04	1.31E-04	2.10E-05	3.80E-05	6.09E-06	8.99E-05	1.44E-05	1.09E-05	1.09E-05	1.49E+00	1.35E-01	1.76E+00	9.80E-02
3395 Gridded	5.30E-05	8.82E-06	1.02E-05	1.69E-06	6.80E-04	1.13E-04	6.89E-04	1.15E-04	6.55E-04	1.09E-04	1.62E-05	2.71E-06	2.72E-03	4.53E-04	2.85E-03	4.74E-04	1.75E-03	2.06E-04	6.82E-04	1.14E-04	1.29E-04	2.14E-05	3.72E-05	6.20E-06	8.79E-05	1.47E-05	1.33E-05	1.33E-05	4.08E+00	1.88E-01	3.93E+00	2.16E-01
3396 Gridded	4.77E-05	7.61E-06	9.36E-06	1.49E-06	6.03E-04	9.60E-05	6.14E-04	9.77E-05	6.03E-04	9.63E-05	1.44E-05	2.29E-06	2.41E-03	3.83E-04	2.57E-03	4.10E-04	1.69E-03	2.62E-04	6.06E-04	9.64E-05	1.14E-04	1.81E-05	3.29E-05	5.24E-06	7.78E-05	1.24E-05	1.29E-05	1.29E-05	3.72E+00	1.69E-01	7.64E+00	3.59E-01
3397 Gridded	4.66E-05	6.87E-06	8.81E-06	1.40E-06	6.07E-04	8.38E-05	6.11E-04	8.62E-05	5.63E-04	9.11E-05	1.45E-05	1.98E-06	2.42E-03	3.34E-04	2.50E-03	3.72E-04	2.15E-03	3.69E-04	6.08E-04	8.43E-05	1.15E-04	1.57E-05	3.32E-05	4.55E-06	7.86E-05	1.07E-05	1.38E-05	1.38E-05	2.03E+00	2.03E-01	6.31E+00	2.84E-01

Scenario 1 Results

3398	Gridded	4.63E-05	6.74E-06	8.73E-06	1.42E-06	6.03E-04	7.99E-05	6.07E-04	8.31E-05	5.58E-04	9.29E-05	1.44E-05	1.88E-06	2.41E-03	3.18E-04	2.48E-03	3.67E-04	2.61E-03	4.71E-04	6.04E-04	8.06E-05	1.14E-04	1.49E-05	3.30E-05	4.32E-06	7.81E-05	1.02E-05	1.53E-05	1.53E-05	1.91E+00	2.48E-01	7.45E+00	3.47E-01
3399	Gridded	5.87E-05	6.64E-06	1.12E-05	1.41E-06	7.77E-04	7.81E-05	7.78E-04	8.14E-05	7.15E-04	9.24E-05	1.86E-05	1.84E-06	3.11E-03	3.11E-04	3.15E-03	3.62E-04	2.65E-03	4.94E-04	7.77E-04	7.88E-05	1.48E-04	1.45E-05	4.27E-05	4.21E-06	1.01E-04	9.95E-06	1.56E-05	1.56E-05	1.75E+00	2.22E-01	8.90E+00	4.00E-01
3400	Gridded	8.06E-05	8.03E-06	1.49E-05	1.49E-06	1.07E-03	1.06E-04	1.07E-03	1.06E-04	9.45E-04	9.52E-05	2.56E-05	2.53E-06	4.27E-03	4.22E-04	4.30E-03	4.29E-04	2.41E-03	4.62E-04	1.07E-03	1.06E-04	2.03E-04	2.00E-05	5.87E-05	5.80E-06	1.39E-04	1.37E-05	1.47E-05	1.47E-05	1.25E+00	1.82E-01	7.64E+00	3.38E-01
3401	Gridded	8.76E-05	9.93E-06	1.62E-05	1.86E-06	1.15E-03	1.30E-04	1.16E-03	1.31E-04	1.04E-03	1.19E-04	2.77E-05	3.11E-06	4.62E-03	5.19E-04	4.68E-03	5.32E-04	3.18E-03	4.30E-04	1.16E-03	1.30E-04	2.19E-04	2.46E-05	6.34E-05	7.13E-06	1.50E-04	1.68E-05	1.39E-05	1.39E-05	7.88E-01	1.50E-01	5.13E+00	2.26E-01
3402	Gridded	9.12E-05	1.15E-05	1.71E-05	2.19E-06	1.20E-03	1.50E-04	1.20E-03	1.51E-04	1.09E-03	1.40E-04	2.86E-05	3.58E-06	4.78E-03	5.98E-04	4.88E-03	6.19E-04	3.77E-03	3.95E-04	1.20E-03	1.50E-04	2.27E-04	2.83E-05	6.56E-05	8.19E-06	1.55E-04	1.94E-05	1.65E-05	1.65E-05	8.79E-01	1.47E-01	3.07E+00	1.83E-01
3403	Gridded	1.02E-04	1.23E-05	1.92E-05	2.37E-06	1.33E-03	1.58E-04	1.34E-03	1.60E-04	1.23E-03	1.52E-04	3.17E-05	3.78E-06	5.30E-03	6.32E-04	5.46E-03	6.63E-04	4.10E-03	4.26E-04	1.33E-03	1.59E-04	2.51E-04	2.99E-05	7.27E-05	8.66E-06	1.72E-04	2.05E-05	1.88E-05	1.88E-05	1.09E+00	1.49E-01	1.69E+00	1.81E-01
3404	Gridded	1.01E-04	1.24E-05	1.93E-05	2.40E-06	1.31E-03	1.57E-04	1.32E-03	1.59E-04	1.23E-03	1.55E-04	3.13E-05	3.74E-06	5.23E-03	6.27E-04	5.43E-03	6.65E-04	4.16E-03	4.89E-04	1.31E-03	1.58E-04	2.48E-04	2.96E-05	7.17E-05	8.57E-06	1.69E-04	2.03E-05	2.00E-05	2.00E-05	1.21E+00	1.52E-01	1.77E+00	1.77E-01
3405	Gridded	9.28E-05	1.19E-05	1.78E-05	2.34E-06	1.19E-03	1.50E-04	1.21E-03	1.52E-04	1.14E-03	1.51E-04	2.85E-05	3.56E-06	4.77E-03	5.97E-04	4.98E-03	6.41E-04	4.04E-03	5.23E-04	1.20E-03	1.50E-04	2.26E-04	2.82E-05	6.53E-05	8.15E-06	1.54E-04	1.93E-05	2.04E-05	2.04E-05	1.27E+00	1.56E-01	1.77E+00	1.73E-01
3406	Gridded	6.63E-05	1.32E-05	1.36E-05	2.81E-06	8.07E-04	1.55E-04	8.32E-04	1.62E-04	8.82E-04	1.84E-04	1.91E-05	3.65E-06	3.22E-03	6.18E-04	3.60E-03	7.21E-04	3.65E-03	9.86E-04	8.13E-04	1.57E-04	1.51E-04	2.89E-05	4.38E-05	8.37E-06	1.03E-04	1.98E-05	3.10E-05	3.10E-05	7.04E-01	1.52E-01	9.38E-01	1.97E-01
3407	Gridded	6.51E-05	1.26E-05	1.34E-05	2.68E-06	7.91E-04	1.47E-04	8.16E-04	1.53E-04	8.68E-04	1.76E-04	1.87E-05	3.46E-06	3.15E-03	5.85E-04	3.53E-03	6.85E-04	3.65E-03	9.62E-04	7.97E-04	1.48E-04	1.48E-04	2.74E-05	4.29E-05	7.92E-06	1.01E-04	1.87E-05	2.99E-05	2.99E-05	7.38E-01	1.54E-01	8.40E-01	2.23E-01
3408	Gridded	5.94E-05	1.14E-05	1.23E-05	2.44E-06	7.19E-04	1.32E-04	7.42E-04	1.38E-04	7.97E-04	1.60E-04	1.70E-05	3.11E-06	2.86E-03	5.26E-04	3.23E-03	6.21E-04	3.48E-03	9.05E-04	7.24E-04	1.34E-04	1.35E-04	2.46E-05	3.89E-05	7.12E-06	9.20E-05	1.68E-05	2.76E-05	2.76E-05	7.64E-01	1.52E-01	7.96E-01	2.38E-01
3409	Gridded	5.47E-05	1.12E-05	1.12E-05	2.39E-06	6.77E-04	1.34E-04	6.94E-04	1.39E-04	7.31E-04	1.56E-04	1.61E-05	3.15E-06	2.70E-03	5.33E-04	2.96E-03	6.11E-04	3.42E-03	8.55E-04	6.81E-04	1.35E-04	1.27E-04	2.50E-05	3.68E-05	7.23E-06	8.70E-05	1.71E-05	2.66E-05	2.66E-05	7.83E-01	1.84E-01	8.24E-01	2.50E-01
3410	Gridded	5.63E-05	1.13E-05	1.17E-05	2.43E-06	7.00E-04	1.32E-04	7.08E-04	1.38E-04	7.61E-04	1.59E-04	1.67E-05	3.11E-06	2.80E-03	5.27E-04	3.06E-03	6.20E-04	3.50E-03	8.91E-04	7.02E-04	1.34E-04	1.32E-04	2.46E-05	3.83E-05	7.13E-06	9.05E-05	1.68E-05	2.73E-05	2.73E-05	7.65E-01	2.19E-01	8.13E-01	2.47E-01
3411	Gridded	7.00E-05	1.12E-05	1.34E-05	2.41E-06	9.01E-04	1.33E-04	9.11E-04	1.37E-04	8.59E-04	1.58E-04	2.15E-05	3.14E-06	3.60E-03	5.29E-04	3.76E-03	6.10E-04	3.56E-03	9.16E-04	9.04E-04	1.34E-04	1.70E-04	2.49E-05	4.93E-05	7.20E-06	1.17E-04	1.70E-05	2.76E-05	2.76E-05	7.55E-01	2.41E-01	7.99E-01	2.21E-01
3412	Gridded	8.48E-05	1.16E-05	1.62E-05	2.39E-06	1.09E-03	1.40E-04	1.10E-03	1.44E-04	1.04E-03	1.56E-04	2.61E-05	3.31E-06	4.37E-03	5.57E-04	4.56E-03	6.29E-04	3.63E-03	9.25E-04	1.10E-03	1.41E-04	2.07E-04	2.62E-05	5.98E-05	7.58E-06	1.41E-04	1.79E-05	2.70E-05	2.70E-05	7.72E-01	2.42E-01	7.83E-01	2.06E-01
3413	Gridded	8.63E-05	1.16E-05	1.66E-05	2.40E-06	1.11E-03	1.39E-04	1.12E-03	1.44E-04	1.07E-03	1.56E-04	2.64E-05	3.28E-06	4.42E-03	5.54E-04	4.64E-03	6.28E-04	3.99E-03	8.88E-04	1.11E-03	1.40E-04	2.09E-04	2.60E-05	6.05E-05	7.53E-06	1.43E-04	1.78E-05	2.50E-05	2.50E-05	7.97E-01	2.09E-01	1.10E+00	1.90E-01
3414	Gridded	7.07E-05	1.07E-05	1.39E-05	2.26E-06	8.94E-04	1.28E-04	9.09E-04	1.33E-04	8.92E-04	1.47E-04	2.13E-05	3.02E-06	3.57E-03	5.10E-04	3.81E-03	5.85E-04	4.05E-03	8.05E-04	8.97E-04	1.29E-04	1.68E-04	2.39E-05	4.88E-05	6.92E-06	1.15E-04	1.64E-05	2.39E-05	2.39E-05	9.02E-01	1.92E-01	1.77E+00	1.94E-01
3415	Gridded	6.39E-05	8.93E-06	1.21E-05	1.91E-06	8.33E-04	1.05E-04	8.39E-04	1.09E-04	7.70E-04	1.25E-04	1.99E-05	2.48E-06	3.33E-03	4.19E-04	3.42E-03	4.88E-04	4.03E-03	6.97E-04	8.34E-04	1.06E-04	1.58E-04	1.96E-05	4.57E-05	5.68E-06	1.08E-04	1.34E-05	2.15E-05	2.15E-05	8.66E-01	1.86E-01	2.28E+00	2.07E-01
3416	Gridded	5.85E-05	9.00E-06	1.08E-05	1.68E-06	7.74E-04	1.18E-04	7.76E-04	1.19E-04	6.86E-04	1.07E-04	1.86E-05	2.83E-06	3.10E-03	4.73E-04	3.12E-03	4.82E-04	3.79E-03	6.33E-04	7.75E-04	1.18E-04	1.47E-04	2.24E-05	4.25E-05	6.49E-06	1.01E-04	1.53E-05	1.84E-05	1.84E-05	8.46E-01	2.01E-01	2.01E+00	2.50E-01
3417	Gridded	6.03E-05	1.12E-05	1.11E-05	2.09E-06	8.01E-04	1.46E-04	8.02E-04	1.47E-04	7.05E-04	1.34E-04	1.92E-05	3.50E-06	3.20E-03	5.85E-04	3.22E-03	5.98E-04	3.48E-03	5.65E-04	8.01E-04	1.47E-04	1.52E-04	2.77E-05	4.40E-05	8.03E-06	1.04E-04	1.90E-05	1.50E-05	1.50E-05	9.00E-01	2.53E-01	1.06E+00	2.53E-01
3418	Gridded	9.61E-05	1.04E-05	1.76E-05	1.94E-06	1.28E-03	1.36E-04	1.28E-03	1.37E-04	1.12E-03	1.24E-04	3.07E-05	3.26E-06	5.11E-03	5.44E-04	5.13E-03	5.55E-04	2.92E-03	4.53E-04	1.28E-03	1.36E-04	2.43E-04	2.58E-05	7.03E-05	7.46E-06	1.66E-04	1.76E-05	1.42E-05	1.42E-05	1.06E+00	3.38E-01	1.03E+00	2.22E-01
3419	Gridded	1.18E-04	9.03E-06	2.15E-05	1.65E-06	1.57E-03	1.20E-04	1.57E-03	1.20E-04	1.36E-03	1.05E-04	3.76E-05	2.89E-06	6.27E-03	4.81E-04	6.27E-03	4.82E-04	2.79E-03	3.51E-04	1.57E-03	1.20E-04	2.98E-04	2.29E-05	8.62E-05	6.62E-06	2.04E-04	1.56E-05	1.12E-05	1.12E-05	1.11E+00	2.17E-01	1.33E+00	1.74E-01
3420	Gridded	9.74E-05	9.78E-06	1.78E-05	1.80E-06	1.30E-03	1.30E-04	1.30E-03	1.30E-04	1.13E-03	1.15E-04	3.11E-05	3.11E-06	5.19E-03	5.18E-04	5.19E-03	5.22E-04	2.62E-03	3.01E-04	1.30E-03	1.30E-04	2.46E-04	2.46E-05	7.13E-05	7.12E-06	1.69E-04	1.68E-05	1.19E-05	1.19E-05	1.12E+00	2.84E-01	1.27E+00	2.43E-01
3421	Gridded	6.69E-05	6.20E-06	1.24E-05	1.15E-06	8.86E-04	8.19E-05	8.88E-04	8.22E-05	7.86E-04	7.31E-05	2.12E-05	1.96E-06	3.54E-03	3.28E-04	3.58E-03	3.31E-04	2.52E-03	3.08E-04	8.86E-04	8.20E-05	1.68E-04	1.55E-05	4.87E-05	4.50E-06	1.15E-04	1.06E-05	9.85E-06	9.85E-06	1.15E+00	1.89E-01	1.29E+00	1.53E-01
3422	Gridded	5.12E-05	6.73E-06	9.41E-06	1.27E-06	6.79E-04	8.78E-05	6.80E-04	8.84E-05	5.98E-04	8.08E-05	1.63E-05	2.10E-06	2.72E-03	3.51E-04	2.73E-03	3.60E-04	2.37E-03	2.36E-04	6.79E-04	8.79E-05	1.29E-04	1.66E-05	3.73E-05	4.81E-06	8.82E-05	1.14E-05	9.16E-06	9.16E-06	9.26E-01	2.18E-01	1.41E+00	1.52E-01
3423	Gridded	4.60E-05	4.91E-06	8.45E-06	9.13E-07	6.13E-04	6.47E-05	6.13E-04	6.50E-05	5.42E-04	5.82E-05	1.47E-05	1.55E-06	2.45E-03	2.59E-04	2.45E-03	2.63E-04	1.67E-03	1.86E-04	6.13E-04	6.48E-05	1.16E-04	1.23E-05	3.37E-05	3.55E-06	7.97E-05	8.40E-06	7.75E-06	7.75E-06	8.83E-01	2.27E-01	1.56E+00	1.14E-01
3424	Gridded	5.80E-05	5.94E-06	1.10E-05	1.11E-06	7.52E-04	7.82E-05	7.59E-04	7.86E-05	7.04E-04	7.05E-05	1.80E-05	1.87E-06	3.01E-03	3.13E-04	3.11E-03	3.18E-04	1.79E-03	1.38E-04	7.54E-04	7.83E-05	1.42E-04	1.48E-05	4.12E-05	4.29E-06	9.74E-05	1.01E-05	7.60E-06	7.60E-06	9.35E-01	1.72E-01	1.58E+00	1.50E-01
3425	Gridded	5.56E-05	8.18E-06	1.11E-05	1.56E-06	6.94E-04	1.06E-04	7.09E-04	1.07E-04	7.14E-04	9.97E-05	1.65E-05	2.53E-06	2.77E-03	4.23E-04	3.00E-03	4.39E-04	2.25E-03	1.61E-04	6.98E-04	1.06E-04	1.31E-04	2.00E-05	3.78E-05	5.79E-06	8.94E-05	1.37E-05	1.19E-05	1.19E-05	9.09E-01	1.18E-01	1.63E+00	1.19E-01
3426	Gridded	4.76E-05	7.97E-06	9.28E-06	1.51E-06	6.11E-04	1.03E-04	6.16E-04	1.04E-04	5.97E-04	9.68E-05	1.46E-05	2.47E-06	2.44E-03	4.13E-04	2.56E-03	4.28E-04	2.63E-03	2.59E-04	6.12E-04	1.04E-04	1.16E-04	1.96E-05	3.35E-05	5.66E-06	7.91E-05	1.34E-05	1.26E-05	1.26E-05	3.00E+00	1.84E-01	2.16E+00	1.41E-01
3427	Gridded	5.36E-05	9.16E-06	1.05E-05	1.78E-06	6.79E-04	1.16E-04	6.90E-04	1.18E-04	6.73E-04	1.15E-04	1.62E-05	2.77E-06	2.71E-03	4.64E-04	2.88E-03	4.93E-04	2.16E-03	2.80E-04	6.81E-04	1.17E-04	1.28E-04	2.19E-05	3.70E-05	6.35E-06	8.75E-05	1.50E-05	1.49E-05	1.49E-05	4.83E+00	2.21E-01	5.58E+00	2.88E-01
3428	Gridded	5.47E-05	9.58E-06	1.05E-05	1.90E-06	7.18E-04	1.20E-04	7.22E-04	1.23E-04	6.77E-04	1.22E-04	1.72E-05	2.86E-06	2.87E-03	4.79E-04	2.93E-03	5.17E-04	2.20E-03	3.66E-04	7.19E-04	1.21E-04	1.36E-04	2.26E-05	3.94E-05	6.54E-06	9.31E-05	1.55E-05	1.68E-05	1.68E-05	3.69E+00	1.69E-01	6.45E+00	3.14E-01
3429	Gridded	6.15E-05	8.72E-06	1.17E-05	1.75E-06	7.97E-04	1.08E-04	8.04E-04	1.11E-04	7.47E-04	1.13E-04	1.91E-05	2.57E-06	3.19E-03	4.32E-04	3.30E-03	4.72E-04	2.38E-03	4.14E-04	7.99E-04	1.09E-04	1.51E-04	2.04E-05	4.37E-05	5.89E-06	1.03E-04	1.39E-05	1.61E-05	1.61E-05	2.03E+00	1.95E-01	4.31E+00	2.11E-01
3430	Gridded	5.26E-05	7.40E-06	1.02E-05	1.57E-06	6.71E-04	9.00E-05	6.80E-04	9.23E-05	6.54E-04	1.02E-04	1.60E-05	2.13E-06	2.68E-03	3.59E-04	2.83E-03	4.03E-04	2.66E-03	5.30E-04	6.73E-04	9.05E-05	1.27E-04	1.69E-05	3.67E-05	4.89E-06	8.67E-05	1.16E-05	1.70E-05	1.70E-05	1.92E+00	2.57E-01	6.87E+00	3.22E-01
3431	Gridded	5.50E-05	7.92E-06	1.06E-05	1.68E-06	7.02E-04	9.31E-05	7.12E-04	9.71E-05	6.83E-04	1.10E-04	1.67E-05	2.19E-06	2.80E-03	3.71E-04	2.96E-03	4.32E-04	2.79E-03	5.87E-04	7.04E-04	9.40E-05	1.32E-04	1.74E-05	3.84E-05	5.02E-06	9.06E-05	1.19E-05	1.85E-05	1.85E-05	1.88E+00	2.17E-01	8.58E+00	3.86E-01
3432	Gridded	6.42E-05	8.15E-06	1.19E-05	1.74E-06	8.49E-04	9.58E-05	8.51E-04	9.99E-05	7.56E-04	1.14E-04	2.04E-05	2.25E-06	3.40E-03	3.81E-04	3.43E-03	4.45E-04	3.35E-03	6.10E-04	8.50E-04	9.67E-05	1.61E-04	1.78E-05	4.66E-05	5.17E-06	1.10E-04	1.22E-05	1.92E-05	1.92E-05	1.48E+00	2.11E-01	7.99E+00	3.54E-01
3433	Gridded	7.88E-05	8.17E-06	1.47E-05	1.74E-06	1.03E-03	1.04E-04	1.04E-03	1.05E-04	9.40E-04	1.14E-04	2.47E-05	2.49E-06	4.13E-03	4.16E-04	4.22E-03	4.46E-04	4.32E-03	6.15E-04	1.03E-03	1.04E-04	1.96E-04	1.97E-05	5.67E-05	5.70E-06	1.34E-04	1.35E-05	1.93E-05	1.93E-05	1.03E+00	1.74E-01	6.12E+00	2.71E-01
3434	Gridded	9.20E-05	9.08E-06	1.74E-05	1.73E-06	1.20E-03	1.17E-04	1.21E-03	1.19E-04	1.11E-03	1.11E-04	2.86E-05	2.81E-06	4.79E-03	4.69E-04	4.93E-03	4.87E-04	4.96E-03	6.01E-04	1.20E-03	1.18E-04	2.27E-04	2.22E-05	6.56E-05	6.43E-06	1.55E-04	1.52E-05	1.86E-05	1.86E-05	8.95E-01	1.31E-01	4.04E+00	2.09E-01
3435	Gridded	9.34E-05	9.70E-06	1.75E-05	1.87E-06	1.22E-03	1.24E-04	1.23E-03	1.26E-04	1.12E-03	1.20E-04	2.92E-05	2.97E-06	4.88E-03	4.97E-04	5.00E-03	5.21E-04	5.30E-03	5.74E-04	1.22E-03	1.25E-04	2.31E-04	2.35E-05	6.70E-05	6.80E-06	1.58E-04	1.61E-05	1.76E-05	1.76E-05	9.22E-01	1.27E-01	2.39E+00	1.73E-01
3436	Gridded	9.71E-05	1.00E-05	1.84E-05	1.95E-06	1.26E-03	1.27E-04	1.27E-03	1.29E-04	1.17E-03	1.25E-04	3.02E-05	3.03E-06	5.05E-03	5.08E-04	5.20E-03	5.38E-04	5.35E-03	5.34E-04	1.27E-03	1.28E-04	2.39E-04	2.40E-05	6.92E-05	6.94E-06	1.64E-04	1.64E-05	1.62E-05	1.62E-05	8.99E-01	1.28E-01	1.67E+00	1.70E-01
3437	Gridded	6.98E-05	1.17E-05	1.35E-05	2.47E-06	8.93E-04	1.40E-04	9.05E-04	1.45E-04	8.66E-04	1.61E-04	2.13E-05	3.29E-06	3.57E-03	5.56E-04	3.76E-03	6.40E-04	3.75E-03	8.19E-04	8.96E-04	1.41E-04	1.69E-04	2.61E-05	4.88E-05	7.54E-06	1.15E-04	1.78E-05	2.64E-05	2.64E-05	7.57E-01	1.68E-01	8.23E-01	2.60E-01
3438	Gridded	6.61E-05	1.21E-05	1.28E-05	2.55E-06	8.43E-04	1.43E-04	8.55E-04	1.48E-04	8.23E-04	1.66E-04	2.01E-05	3.36E-06	3.37E-03	5.68E-04	3.55E-03	6.57E-04	3.48E-03	8.67E-04	8.46E-04	1.44E-04	1.59E-04	2.66E-05	4.61E-05	7.71E-06	1.09E-04	1.82E-05	2.75E-05	2.75E-05	7.90E-01	1.99E-01	8.84E-01	2.70E-01
3439	Gridded	6.05E-05	1.18E-05	1.20E-05	2.51E-06	7.57E-04	1.38E-04	7.73E-04	1.44E-04	7.75E-04	1.64E-04	1.80E-05	3.25E-06	3.02E-03	5.50E-04	3.27E-03	6.42E-04	3.68E-03	9.15E-04	7.60E-04	1.39E-04	1.42E-04	2.57E-05	4.12E-05	7.45E-06	9.75E-05	1.76E-05	2.77E-05	2.77E-05	7.48E-01	2.26E-01	8.97E-01	2.63E-01
3440	Gridded	6.93E-05	1.13E-05	1.35E-05	2.38E-06	8.81E-04	1.37E-04	8.94E-04	1.41E-04	8.67E-04	1.56E-04	2.10E-05	3.23E-06	3.52E-03	5.45E-04	3.73E-03	6.15E-04	3.76E-03	9.41E-04	8.84E-04	1.38E-04	1.66E-04	2.56E-05	4.81E-05	7.41E-06	1.14E-04	1.75E-05	2.76E-05	2.76E-05	7.39E-01	2.44E-01	8.41E-01	2.41E-01
3441	Gridded	8.27E-05	1.23E-05	1.62E-05	2.56E-06	1.05E-03	1.48E-04	1.07E-03	1.53E-04	1.04E-03	1.67E-04	2.50E-05	3.50E-06	4.18E-03	5.90E-04	4.46E-03	6.70E-04	3.75E-03	9.41E-04	1.05E-03	1.49E-04	1.98E-04	2.77E-05	5.72E-05	8.01E-06	1.35E-04	1.89E-05	2.71E-05	2.71E-05	8.06E-01	2.53E-01	8.78E-01	2.06E-01
3442	Gridded	8.75E-05	1.26E-05	1.72E-05	2.65E-06	1.10E-03	1.50E-04	1.12E-03	1.56E-04	1.11E-03	1.73E-04	2.62E-05	3.55E-06	4.39E-03	5.99E-04	4.72E-03	6.87E-04	3.63E-03	9.19E-04	1.11E-03	1.52E-04	2.07E-04	2.81E-05	6.00E-05	8.13E-06	1.42E-04	1.92E-05	2.80E-05	2.80E-05	8.08E-01	2.36E-01	9.11E-01	1.99E-01
3443	Gridded	8.03E-05	1.21E-05	1.60E-05	2.55E-06	1.00E-03	1.43E-04	1.02E-03	1.48E-04	1.03E-03	1.67E-04	2.38E-05	3.36E-06	3.99E-03	5.68E-04	4.34E-03	6.58E-04	3.84E-03	9.09E-04	1.00E-03	1.44E-04	1.88E-04	2.66E-05	5.44E-05	7.69E-06	1.29E-04	1.82E-05	2.78E-05	2.78E-05	8.39E-01	1.87E-01	1.31E+00	1.95E-01
3444	Gridded	7.38E-05	1.13E-05	1.40E-05	2.41E-06	9.60E-04	1.32E-04	9.68E-04	1.38E-04	8.93E-04	1.58E-04	2.30E-05	3.11E-06	3.84E-03	5.26E-04	3.96E-03	6.16E-04	4.15E-03	8.64E-04	9.62E-04	1.33E-04	1.82E-04	2.46E-05	5.26E-05	7.12E-06	1.24E-04	1.68E-05	2.68E-05	2.68E-05	9.28E-01	1.78E-01	1.92E+00	2.01E-01
3445	Gridded	7.37E-05	1.00E-05	1.41E-05	2.12E-06	9.48E-04	1.24E-04	9.59E-04	1.26E-04	9.07E-04	1.39E-04	2.26E-05	2.96E-06	3.79E-03	4.97E-04	3.96E-03	5.45E-04	4.25E-03	8.22E-04	9.51E-04	1.25E-04	1.79E-04	2.35E-05	5.19E-05	6.79E-06	1.23E-04	1.61E-05	2.44E-05	2.44E-05	8.17E-01	1.86E-01	2.27E+00	2.00E-01
3446	Gridded	7.67E-05	1.13E-05	1.43E-05	2.14E-06	1.01E-03	1.47E-04	1.01E-03	1.48E-04	9.10E-04	1.37E-04	2.41E-05	3.51E-06	4.03E-03	5.86E-04	4.10E-03	6.05E-04	4.19E-03	7.39E-04	1.01E-03	1.47E-04	1.91E-04	2.78E-05	5.53E-05	8.04E-06	1.31E-04	1.90E-05	2.07E-05	2.07E-05	8.52E-01	1.94E-01	2.03E+00	2.44E-01
3447	Gridded	7.16E-05	1.19E-05	1.32E-05	2.25E-06	9.46E-04	1.54E-04	9.49E-04	1.55E-04	8.42E-04	1.44E-04	2.27E-05	3.68E-06	3.78E-03	6.15E-04	3.82E-03	6.37E-04	3.75E-03	6.10E-04	9.47E-04	1.54E-04	1.80E-04	2.91E-05	5.20E-05	8.43E-06	1.23E-04	1.99E-05	1.70E-05	1.70E-05	8.90E-01	2.37E-01	1.21E+00	2.61E-01
3448	Gridded	8.41E-05	1.04E-05	1.55E-05	2.04E-06	1.11E-03	1.34E-04	1.12E-03	1.35E-04	9.86E-04	1.31E-04	2.67E-05	3.21E-06	4.46E-03	5.36E-04	4.49E-03	5.62E-04	3.20E-03	5.37E-04	1.12E-03	1.34E-04	2.12E-04	2.54E-05	6.12E-05	7.36E-06	1.45E-04	1.74E-05	1.73E-05	1.73E-05	9.98E-01	3.38E-01	1.04E+00	2.72E-01
3449	Gridded	6.70E-05	6.82E-06	1.23E-05	1.33E-06	8.94E-04	8.67E-05	8.94E-04	8.81E-05	7.78E-04	8.61E-05	2.14E-05	2.07E-06	3.57E-03	3.46E-04	3.58E-03	3.67E-04	3.25E-03	4.47E-04	8.94E-04	8.70E-05	1.70E-04	1.64E-05	4.91E-05	4.74E-06	1.16E-04	1.12E-05	1.40E-05	1.40E-05	1.14E+00	3.17E-01	1.20E+00	1.92E-01
3450	Gridded	1.00E-04	1.04E-05	1.84E-05	1.91E-06	1.33E-03	1.38E-04	1.33E-03	1.38E-04	1.17E-03	1.22E-04	3.19E-05	3.31E-06	5.31E-03	5.52E-04	5.34E-03	5.56E-04	3.24E-03	4.13E-04	1.33E-03	1.38E-04	2.52E-04	2.62E-05	7.30E-05	7.59E-06	1.73E-04	1.79E-05	1.25E-05	1.25E-05	9.78E-01	2.28E-01	1.42E+00	2.36E-01
3451	Gridded	7.04E-05	8.23E-06	1.29E-05	1.56E-06	9.38E-04	1.07E-04	9.39E-04	1.08E-04	8.19E-04	9.97E-05	2.25E-05	2.55E-06	3.75E-03	4.27E-04	3.76E-03	4.41E-04	2.99E-03	3.74E-04	9.38E-04	1.07E-04	1.78E-04	2.02E-05	5.16E-05	5.85E-06	1.22E-04	1.38E-05	1.32E-05	1.32E-05	1.06E+00	2.80E-01	1.08E+00	2.59E-01
3452	Gridded	6.38E-05	5.99E-06	1.19E-05	1.12E-06	8.35E-04	7.84E-05	8.40E-04	7.88E-05	7.62E-04	7.15E-05	2.00E-05	1.88E-06	3.34E-03	3.13E-04	3.41E-03	3.20E-04	3.10E-03	4.03E-04	8.36E-04	7.85E-05	1.58E-04	1.49E-05	4.58E-05	4.30E-06	1.08E-04	1.02E-05	1.06E-05	1.06E-05	1.08E+00	2.19E-01	1.19E+00	1.76E-01
3453	Gridded	5.18E-05	6.51E-06	9.80E-06	1.25E-06	6.74E-04	8.40E-05	6.80E-04	8.49E-05	6.27E-04	7.98E-05	1.61E-05	2.01E-06	2.69E-03	3.36E-04	2.78E-03	3.50E-04	2.74E-03	2.67E-04	6.75E-04	8.42E-05	1.28E-04	1.59E-05	3.69E-05	4.60E-06	8.73E-05	1.09E-05	9.67E-06	9.67E-06	8.92E-01	2.65E-01	1.30E+00	1.81E-01
3454	Gridded	4.73E-05	5.84E-06	8.99E-06	1.07E-06	6.30E-04	7.74E-05	6.30E-04	7.76E-05	5.78E-04	6.84E-05	1.51E-05	1.86E-06	2.52E-03	3.10E-04	2.52E-03	3.12E-04	2.16E-03	2.26E-04	6.30E-04	7.74E-05	1.20E-04	1.47E-05	3.47E-05	4.25E-06	8.19E-05	1.01E-05	8.94E-06	8.94E-06	8.74E-01	2.61E-01	1.84E+00	1.37E-01
3455	Gridded	5.17E-05	5.22E-06	9.47E-06	9.87E-07	6.88E-04	6.77E-05	6.89E-04	6.83E-05	6.02E-04	6.32E-05	1.65E-05	1.62E-06	2.75E-03	2.71E-04	2.76E-03	2.80E-04	2.14E-03	1.90E-04	6.89E-04	6.79E-05	1.31E-04	1.28E-05	3.79E-05	3.71E-06	8.95E-05	8.77E-06	7.46E-06	7.46E-06	8.77E-01	1.85E-01	1.47E+00	1.68E-01
3456	Gridded	5.63E-05	6.85E-06	1.11E-05	1.30E-06	7.07E-04	8.88E-05	7.20E-04	8.96E-05	7.17E-04	8.32E-05	1.68E-05	2.12E-06	2.82E-03	3.55E-04	3.03E-03	3.67E-04	2.09E-03	1.65E-04	7.10E-04	8.90E-05	1.33E-04	1.68E-05	3.85E-05	4.87E-06	9.11E-05	1.15E-05	9.77E-06	9.77E-06	8.44E-01	1.67E-01	1.50E+00	1.51E-01
3457	Gridded	5.27E-05	8.63E-06	1.09E-05	1.68E-06	6.55E-04	1.10E-04	6.62E-04	1.11E-04	7.08E-04	1.08E-04	1.56E-05	2.62E-06	2.62E-03	4.38E-04	2.86E-03	4.65E-04	3.08E-03	2.58E-04	6.57E-04	1.10E-04	1.24E-04	2.07E-05	3.58E-05	6.00E-06	8.47E-05	1.42E-05	1.40E-05	1.40E-05	1.65E+00	1.60E-01	1.66E+00	1.30E-01
3458	Gridded	5.36E-05	8.92E-06	1.06E-05	1.77E-06	6.72E-04	1.14E-04	6.86E-04	1.16E-04	6.85E-04	1.14E-04	1.60E-05	2.73E-06	2.68E-03	4.57E-04	2.89E-03	4.80E-04	3.19E-03	3.59E-04	6.75E-04	1.15E-04	1.27E-04	2.16E-05	3.66E-05	6.25E-06	8.66E-05	1.48E-05	1.59E-05	1.59E-05	3.54E+00	2.07E-01	3.13E+00	1.93E-01
3459	Gridded	5.78E-05	1.06E-05	1.14E-05	2.09E-06	7.26E-04	1.34E-04	7.40E-04	1.36E-04	7.35E-04	1.35E-04	1.73E-05	3.19E-06	2.90E-03	5.35E-04	3.12E-03	5.73E-04	2.63E-03	3.70E-04	7.29E-04	1.34E-04	1.37E-04	2.52E-05	3.96E-05	7.30E-06	9.36E-05	1.73E-05	1.80E-05	1.80E-05	3.65E+00	1.75E-01	4.22E+00	2.42E-01
3460	Gridded	5.44E-05	1.07E-05	1.10E-05	2.14E-06	6.70E-04	1.33E-04	6.88E-04	1.36E-04	7.12E-04	1.38E-04	1.59E-05	3.17E-06	2.67E-03	5.32E-04	2.94E-03	5.79E-04	2.62E-03	4.52E-04	6.74E-04	1.34E-04	1.26E-04	2.51E-05	3.65E-05	7.26E-06	8.63E-05	1.72E-05	1.95E-05	1.95E-05	2.48E+00	1.39E-01	3.72E+00	2.07E-01
3461	Gridded	6.28E-05	9.88E-06	1.21E-05	2.00E-06	8.06E-04	1.21E-04	8.16E-04	1.25E-04	7.74E-04	1.30E-04	1.92E-05	2.87E-06	3.22E-03	4.84E-04	3.37E-03	5.35E-04	2.80E-03	4.96E-04	8.08E-04	1.22E-04	1.52E-04	2.28E-05	4.41E-05	6.59E-06	1.04E-04	1.56E-05	1.93E-05	1.93E-05	1.68E+00	1.70E-01	3.36E+00	1.78E-01
3462	Gridded	6.30E-05	8.64E-06	1.23E-05	1.78E-06	7.95E-04	1.05E-04	8.09E-04	1.08E-04	7.95E-04	1.16E-04	1.89E-05	2.48E-06	3.18E-03	4.18E-04	3.39E-03	4.69E-04	3.07E-03	5.42E-04	7.99E-04	1.06E-04	1.50E-04	1.96E-05	4.34E-05	5.68E-06	1.03E-04	1.34E-05	1.78E-05	1.78E-05	1.80E+00	2.43E-01	6.19E+00	2.93E-01
3463	Gridded	5.73E-05	8.74E-06	1.11E-05	1.86E-06	7.31E-04	1.03E-04	7.41E-04	1.07E-04	7.14E-04	1.22E-04	1.74E-05	2.42E-06	2.92E-03	4.09E-04	3.08E-03	4.77E-04	3.01E-03	6.50E-04	7.33E-04	1.04E-04	1.38E-04	1.92E-05	3.99E-05	5.55E-06	9.43E-05	1.31E-05	2.05E-05	2.05E-05	1.87E+00	2.39E-01	7.95E+00	3.62E-01
3464	Gridded	6.38E-05	9.14E-06	1.22E-05	1.97E-06	8.43E-04	1.07E-04	8.45E-04	1.11E-04	7.85E-04	1.29E-04	2.02E-05	2.50E-06	3.37E-03	4.24E-04	3.41E-03	5.00E-04	4.03E-03	7.26E-04	8.43E-04	1.08E-04	1.60E-04	1.98E-05	4.63E-05	5.74E-06	1.09E-04	1.36E-05	2.22E-05	2.22E-05	1.60E+00	2.20E-01	7.78E+00	3.50E-01
3465	Gridded	8.29E-05	9.17E-06	1.55E-05	1.99E-06	1.09E-03	1.06E-04	1.09E-03	1.11E-04	9.86E-04	1.30E-04	2.61E-05	2.49E-06	4.35E-03	4.22E-04	4.44E-03	5.02E-04	5.03E-03	7.64E-04	1.09E-03	1.07E-04	2.06E-04	1.97E-05	5.97E-05	5.70E-06	1.41E-04	1.35E-05	2.28E-05	2.28E-05	1.18E+00	2.04E-01	6.34E+00	2.83E-01
3466	Gridded	8.47E-05	8.83E-06	1.59E-05	1.92E-06	1.11E-03	1.02E-04	1.11E-03	1.07E-04	1.02E-03	1.26E-04	2.64E-05	2.39E-06	4.42E-03	4.05E-04	4.54E-03	4.84E-04	5.70E-03	7.53E-04	1.11E-03	1.03E-04	2.09E-04	1.89E-05	6.06E-05	5.47E-06	1.43E-04	1.29E-05	2.23E-05	2.23E-05	8.48E-01	1.59E-01	4.57E+00	2.40E-01
3467	Gridded	7.84E-05	8.35E-06	1.56E-05	1.82E-06	1.01E-03	1.03E-04	1.02E-03	1.04E-04	1.02E-03	1.19E-04	2.40E-05	2.45E-06	4.02E-03	4.10E-04	4.21E-03	4.57E-04	6.03E-03	7.15E-04	1.01E-03	1.03E-04	1.90E-04	1.94E-05	5.51E-05	5.61E-06	1.30E-04	1.33E-05	2.11E-05	2.11E-05	9.15E-01	1.15E-01	2.92E+00	2.15E-01
3468	Gridded	6.22E-05	1.17E-05	1.26E-05	2.52E-06	7.67E-04	1.37E-04	7.87E-04	1.43E-04	8.15E-04	1.65E-04	1.82E-05	3.22E-06	3.06E-03	5.46E-04	3.37E-03	6.42E-04	3.67E-03	9.19E-04	7.71E-04	1.38E-04	1.44E-04	2.55E-05	4.17E-05	7.39E-06	9.85E-05	1.75E-05	2.83E-05	2.83E-05	7.20E-01	2.26E-01	9.56E-01	2.74E-01
3469	Gridded	6.42E-05	1.14E-05	1.30E-05	2.43E-06	8.06E-04	1.38E-04	8.22E-04	1.43E-04	8.41E-04	1.60E-04	1.92E-05	3.26E-06	3.22E-03	5.50E-04	3.46E-03	6.22E-04	3.80E-03	9.33E-04	8.10E-04	1.39E-04	1.52E-04	2.58E-05	4.39E-05	7.47E-06	1.04E-04	1.77E-05	2.79E-05	2.79E-05	7.50E-01	2.41E-01	9.32E-01	2.57E-01
3470	Gridded	7.40E-05	1.25E-05	1.47E-05	2.60E-06	9.26E-04	1.49E-04	9.45E-04	1.55E-04	9.48E-04	1.69E-04	2.20E-05	3.52E-06	3.69E-03	5.95E-04	4.00E-03	6.78E-04	4.11E-03	9.19E-04	9.30E-04	1.50E-04	1.74E-04	2.79E-05	5.04E-05	8.08E-06	1.19E-04	1.91E-05	2.77E-05	2.77E-05	7.55E-01	2.44E-01	8.79E-01	2.23E-01
3471	Gridded	8.01E-05	1.29E-05	1.60E-05	2.72E-06	9.95E-04	1.53E-04	1.02E-03	1.59E-04	1.04E-03	1.78E-04	2.36E-05	3.61E-06	3.97E-03	6.09E-04	4.33E-03	7.03E-04	4.20E-03	9.45E-04	1.00E-03	1.54E-04	1.87E-04	2.86E-05	5.42E-05	8.27E-06	1.28E-04	1.95E-05	2.95E-05	2.95E-05	7.71E-01	2.32E-01	9.06E-01	1.92E-01
3472	Gridded	8.02E-05	1.29E-05	1.62E-05	2.74E-06	9.88E-04	1.51E-04	1.01E-03	1.58E-04	1.05E-03	1.79E-04	2.34E-05	3.55E-06	3.94E-03	6.01E-04	4.34E-03	7.02E-04	3.97E-03	1.01E-03	9.94E-04	1.52E-04	1.85E-04	2.81E-05	5.37E-05	8.14E-06	1.27E-04	1.92E-05	3.03E-05	3.03E-05	8.00E-01	2.02E-01	9.38E-01	1.92E-01
3473	Gridded	6.89E-05	1.21E-05	1.42E-05	2.62E-06	8.78E-04	1.40E-04	8.88E-04	1.47E-04	9.23E-04	1.72E-04	2.10E-05	3.30E-06	3.51E-03	5.59E-04	3.74E-03	6.62E-04	4.01E-03	1.02E-03	8.80E-04	1.42E-04	1.66E-04	2.61E-05	4.80E-05	7.55E-06	1.14E-04	1.79E-05	2.99E-05	2.99E-05	8.64E-01	1.68E-01	1.41E+00	1.96E-01
3474	Gridded	7.78E-05	1.07E-05	1.51E-05	2.33E-06	9.94E-04	1.25E-04	1.01E-03	1.30E-04	9.68E-04	1.53E-04	2.37E-05	2.95E-06	3.97E-03	4.96E-04	4.19E-03	5.86E-04	3.64E-03	9.64E-04	9.97E-04	1.25E-04	1.88E-04	2.33E-05	5.43E-05	6.75E-06	1.28E-04	1.60E-05	2.73E-05	2.73E-05	9.06E-01	1.68E-01	1.93E+00	1.99E-01
3475	Gridded	7.40E-05	1.12E-05	1.42E-05	2.20E-06	9.65E-04	1.42E-04	9.72E-04	1.44E-04	9.16E-04	1.42E-04	2.31E-05	3.38E-06	3.86E-03	5.66E-04	3.96E-03	6.05E-04	3.78E-03	8.59E-04	9.67E-04	1.42E-04	1.83E-04	2.67E-05	5.29E-05	7.73E-06	1.25E-04	1.83E-05	2.46E-05	2.46E-05	8.16E-01	1.76E-01	2.24E+00	1.93E-01
3476	Gridded	8.09E-05	1.26E-05	1.52E-05	2.41E-06	1.06E-03	1.62E-04	1.06E-03	1.64E-04	9.71E-04	1.55E-04	2.53E-05	3.86E-06	4.22E-03	6.46E-04	4.33E-03	6.75E-04	3.97E-03	7.79E-04	1.06E-03	1.62E-04	2.00E-04	3.06E-05	5.80E-05	8.85E-06	1.37E-04	2.09E-05	2.20E-05	2.20E-05	8.28E-01	1.77E-01	2.03E+00	2.31E-01
3477	Gridded	7.97E-05	1.38E-05	1.50E-05	2.64E-06	1.05E-03	1.78E-04	1.05E-03	1.80E-04	9.60E-04	1.69E-04	2.52E-05	4.25E-06	4.20E-03	7.12E-04	4.26E-03	7.42E-04	3.76E-03	6.98E-04	1.05E-03	1.79E-04	1.99E-04	3.37E-05	5.76E-05	9.75E-06	1.36E-04	2.30E-05	2.07E-05	2.07E-05	8.62E-01	2.14E-01	1.31E+00	2.59E-01
3478	Gridded	8.78E-05	1.28E-05	1.63E-05	2.51E-06	1.16E-03	1.62E-04	1.16E-03	1.64E-04	1.04E-03	1.62E-04	2.78E-05	3.87E-06	4.64E-03	6.46E-04	4.69E-03	6.88E-04	3.69E-03	6.14E-04	1.16E-03	1.62E-04	2.20E-04	3.06E-05	6.37E-05	8.86E-06	1.51E-04	2.09E-05	2.19E-05	2.19E-05	9.92E-01	3.13E-01	9.97E-01	2.87E-01
3479	Gridded	7.75E-05	1.01E-05	1.47E-05	1.94E-06	1.01E-03	1.29E-04	1.01E-03	1.31E-04	9.39E-04	1.25E-04	2.40E-05	3.07E-06	4.02E-03	5.15E-04	4.15E-03	5.42E-04	3.29E-03	5.34E-04	1.01E-03	1.29E-04	1.90E-04	2.43E-05	5.51E-05	7.04E-06	1.30E-04	1.67E-05	1.81E-05	1.81E-05	1.10E+00	3.57E-01	1.31E+00	2.38E-01
3480	Gridded	8.24E-05	7.74E-06	1.51E-05	1.47E-06	1.09E-03	1.03E-04	1.10E-03	1.03E-04	9.62E-04	9.46E-05	2.62E-05	2.46E-06	4.38E-03	4.10E-04	4.40E-03	4.13E-04	3.39E-03	4.77E-04	1.09E-03	1.03E-04	2.08E-04	1.95E-05	6.01E-05	5.64E-06	1.42E-04	1.33E-05	1.33E-05	1.33E-05	1.05E+00	2.01E-01	1.11E+00	1.83E-01
3481	Gridded	8.43E-05	1.07E-05	1.55E-05	2.00E-06	1.12E-03	1.40E-04	1.12E-03	1.41E-04	9.87E-04	1.27E-04	2.68E-05	3.35E-06	4.47E-03	5.59E-04	4.50E-03	5.71E-04	3.54E-03	4.44E-04	1.12E-03	1.40E-04	2.12E-04	2.65E-05	6.15E-05	7.68E-06	1.45E-04	1.81E-05	1.53E-05	1.53E-05	9.54E-01	2.73E-01	1.19E+00	2.73E-01
3482	Gridded	6.36E-05	7.13E-06	1.17E-05	1.42E-06	8.43E-04	8.90E-05	8.44E-04	9.09E-05	7.46E-04	9.15E-05	2.02E-05	2.14E-06	3.37E-03	3.56E-04	3.40E-03	3.85E-04	3.42E-03	5.15E-04	8.43E-04	8.95E-05	1.60E-04	1.69E-05	4.63E-05	4.90E-06	1.09E-04	1.16E-05	1.53E-05	1.53E-05	9.73E-01	2.36E-01	1.02E+00	2.33E-01
3483	Gridded	5.85E-05	5.84E-06	1.12E-05	1.11E-06	7.54E-04	7.58E-05	7.62E-04	7.64E-05	7.18E-04	7.25E-05	1.80E-05	1.81E-06	3.01E-03	3.03E-04	3.14E-03	3.13E-04	3.43E-03	4.83E-04	7.55E-04	7.59E-05	1.42E-04	1.43E-05	4.12E-05	4.15E-06	9.75E-05	9.82E-06	1.18E-05	1.18E-05	1.07E+00	2.47E-01	1.10E+00	2.02E-01
3484	Gridded	5.07E-05	6.24E-06	9.72E-06	1.21E-06	6.52E-04	7.96E-05	6.60E-04	8.07E-05	6.23E-04	7.78E-05	1.56E-05	1.90E-06	2.60E-03	3.18E-04	2.72E-03	3.36E-04	3.21E-03	3.11E-04	6.54E-04	7.98E-05	1.23E-04	1.50E-05	3.57E-05	4.35E-06	8.43E-05	1.03E-05	1.05E-05	1.05E-05	8.76E-01	2.93E-01	1.19E+00	1.98E-01
3485	Gridded	4.63E-05	6.20E-06	9.04E-06	1.14E-06	5.87E-04	8.21E-05	5.97E-04	8.23E-05	5.82E-04	7.28E-05	1.40E-05	1.97E-06	2.34E-03	3.28E-04	2.49E-03	3.31E-04	2.69E-03	2.71E-04	5.89E-04	8.22E-05	1.11E-04	1.56E-05	3.20E-05	4.51E-06	7.57E-05	1.07E-05	9.87E-06	9.87E-06	8.98E-01	2.69E-01	1.99E+00	1.48E-01
3486	Gridded	4.30E-05	5.09E-06	8.84E-06	9.67E-07	5.59E-04	6.59E-05	5.62E-04	6.66E-05	5.75E-04	6.19E-05	1.34E-05	1.58E-06	2.24E-03	2.64E-04	2.33E-03	2.73E-04	2.46E-03	2.56E-04	5.60E-04	6.61E-05	1.06E-04	1.25E-05	3.07E-05	3.61E-06	7.25E-05	8.54E-06	8.18E-06	8.18E-06	8.78E-01	2.22E-01	1.88E+00	1.75E-01
3487	Gridded	5.35E-05	5.56E-06	1.05E-05	1.09E-06	6.75E-04	7.03E-05	6.87E-04	7.15E-05	6.78E-04	7.01E-05	1.61E-05	1.67E-06	2.69E-03	2.81E-04	2.88E-03	2.99E-04	2.74E-03	2.14E-04	6.77E-04	7.06E-05	1.27E-04	1.33E-05	3.68E-05	3.84E-06	8.70E-05	9.07E-06	9.25E-06	9.25E-06	8.60E-01	2.07E-01	1.37E+00	1.70E-01
3488	Gridded	5.72E-05	8.67E-06	1.17E-05	1.67E-06	6.97E-04	1.11E-04	7.18E-04	1.12E-04	7.60E-04	1.08E-04	1.65E-05	2.65E-06	2.78E-03	4.43E-04	3.10E-03	4.66E-04	3.10E-03	2.43E-04	7.02E-04	1.11E-04	1.31E-04	2.10E-05	3.78E-05	6.07E-06	8.94E-05	1.43E-05	1.35E-05	1.35E-05	9.89E-01	1.26E-01	1.47E+00	1.51E-01
3489	Gridded	5.67E-05	1.03E-05	1.11E-05	2.03E-06	7.29E-04	1.30E-04	7.32E-04	1.32E-04	7.12E-04	1.31E-04	1.75E-05	3.09E-06	2.92E-03	5.19E-04	3.05E-03	5.56E-04	3.61E-03	3.63E-04	7.30E-04	1.30E-04	1.38E-04	2.45E-05	4.00E-05	7.09E-06	9.46E-05	1.68E-05	1.76E-05	1.76E-05	1.99E+00	1.92E-01	1.99E+00	1.46E-01
3490	Gridded	5.44E-05	9.72E-06	1.09E-05	1.95E-06	6.90E-04	1.21E-04	6.97E-04	1.23E-04	7.07E-04	1.26E-04	1.65E-05	2.86E-06	2.76E-03	4.81E-04	2.94E-03	5.26E-04	3.35E-03	4.28E-04	6.92E-04	1.21E-04	1.31E-04	2.27E-05	3.78E-05	6.56E-06	8.94E-05	1.55E-05	1.80E-05	1.80E-05	2.49E+00	2.01E-01	2.74E+00	1.87E-01
3491	Gridded	5.64E-05	1.08E-05	1.13E-05	2.15E-06	7.00E-04	1.35E-04	7.17E-04	1.38E-04	7.31E-04	1.39E-04	1.66E-05	3.20E-06	2.79E-03	5.37E-04	3.05E-03	5.83E-04	2.83E-03	4.41E-04	7.04E-04	1.35E-04	1.32E-04	2.53E-05	3.81E-05	7.33E-06	9.01E-05	1.73E-05	1.94E-05	1.94E-05	2.23E+00	1.65E-01	3.02E+00	1.89E-01
3492	Gridded	5.43E-05	1.10E-05	1.12E-05	2.23E-06	6.59E-04	1.35E-04	6.80E-04	1.38E-04	7.27E-04	1.44E-04	1.56E-05	3.20E-06	2.63E-03	5.38E-04	2.95E-03	5.95E-04	3.11E-03	5.52E-04	6.63E-04	1.36E-04	1.23E-04	2.53E-05	3.57E-05	7.32E-06	8.44E-05	1.73E-05	2.14E-05	2.14E-05	1.84E+00	1.32E-01	2.88E+00	1.62E-01

Scenario 1 Results

3493	Gridded	6.00E-05	1.03E-05	1.16E-05	2.11E-06	7.67E-04	1.24E-04	7.77E-04	1.28E-04	7.44E-04	1.37E-04	1.83E-05	2.94E-06	3.06E-03	4.95E-04	3.22E-03	5.57E-04	3.20E-03	5.95E-04	7.69E-04	1.25E-04	1.45E-04	2.33E-05	4.19E-05	6.73E-06	9.91E-05	1.59E-05	2.13E-05	2.13E-05	1.50E+00	1.65E-01	3.34E+00	1.78E-01
3494	Gridded	6.62E-05	9.23E-06	1.31E-05	1.93E-06	8.33E-04	1.10E-04	8.49E-04	1.14E-04	8.42E-04	1.26E-04	1.98E-05	2.60E-06	3.32E-03	4.40E-04	3.57E-03	5.02E-04	3.35E-03	6.02E-04	8.36E-04	1.11E-04	1.57E-04	2.06E-05	4.54E-05	5.97E-06	1.07E-04	1.41E-05	2.02E-05	2.02E-05	1.66E+00	2.31E-01	5.68E+00	2.73E-01
3495	Gridded	6.27E-05	8.95E-06	1.27E-05	1.92E-06	7.72E-04	1.04E-04	7.92E-04	1.09E-04	8.21E-04	1.26E-04	1.83E-05	2.45E-06	3.08E-03	4.15E-04	3.39E-03	4.89E-04	3.59E-03	7.09E-04	7.77E-04	1.05E-04	1.45E-04	1.94E-05	4.20E-05	5.61E-06	9.92E-05	1.33E-05	2.17E-05	2.17E-05	1.75E+00	2.48E-01	7.06E+00	3.27E-01
3496	Gridded	5.99E-05	9.51E-06	1.20E-05	2.07E-06	7.44E-04	1.10E-04	7.61E-04	1.15E-04	7.76E-04	1.36E-04	1.77E-05	2.57E-06	2.97E-03	4.36E-04	3.24E-03	5.21E-04	4.35E-03	8.12E-04	7.47E-04	1.11E-04	1.40E-04	2.04E-05	4.05E-05	5.89E-06	9.56E-05	1.39E-05	2.40E-05	2.40E-05	1.58E+00	2.14E-01	7.25E+00	3.29E-01
3497	Gridded	7.06E-05	9.49E-06	1.37E-05	2.08E-06	9.23E-04	1.09E-04	9.29E-04	1.14E-04	9.00E-04	1.36E-04	2.21E-05	2.55E-06	3.69E-03	4.32E-04	3.78E-03	5.20E-04	5.28E-03	8.42E-04	9.25E-04	1.10E-04	1.75E-04	2.02E-05	5.06E-05	5.84E-06	1.20E-04	1.38E-05	2.45E-05	2.45E-05	1.25E+00	2.14E-01	6.27E+00	2.81E-01
3498	Gridded	8.35E-05	9.11E-06	1.58E-05	2.00E-06	1.08E-03	1.04E-04	1.09E-03	1.10E-04	1.01E-03	1.31E-04	2.59E-05	2.44E-06	4.33E-03	4.14E-04	4.47E-03	5.00E-04	5.88E-03	8.19E-04	1.09E-03	1.05E-04	2.05E-04	1.93E-05	5.93E-05	5.59E-06	1.40E-04	1.32E-05	2.37E-05	2.37E-05	8.80E-01	1.82E-01	4.71E+00	2.40E-01
3499	Gridded	6.50E-05	1.25E-05	1.31E-05	2.61E-06	8.03E-04	1.50E-04	8.24E-04	1.55E-04	8.48E-04	1.70E-04	1.91E-05	3.54E-06	3.20E-03	5.97E-04	3.52E-03	6.81E-04	4.71E-03	9.11E-04	8.08E-04	1.51E-04	1.51E-04	2.80E-05	4.37E-05	8.10E-06	1.03E-04	1.91E-05	2.73E-05	2.73E-05	7.19E-01	2.33E-01	9.35E-01	2.34E-01
3500	Gridded	7.28E-05	1.27E-05	1.47E-05	2.68E-06	8.96E-04	1.51E-04	9.20E-04	1.57E-04	9.55E-04	1.75E-04	2.13E-05	3.55E-06	3.57E-03	6.00E-04	3.94E-03	6.92E-04	4.99E-03	9.21E-04	9.01E-04	1.52E-04	1.68E-04	2.81E-05	4.87E-05	8.14E-06	1.15E-04	1.92E-05	2.91E-05	2.91E-05	7.36E-01	2.28E-01	9.06E-01	2.01E-01
3501	Gridded	7.41E-05	1.30E-05	1.51E-05	2.77E-06	9.05E-04	1.53E-04	9.31E-04	1.60E-04	9.82E-04	1.81E-04	2.14E-05	3.61E-06	3.61E-03	6.10E-04	4.02E-03	7.10E-04	4.91E-03	9.91E-04	9.11E-04	1.55E-04	1.70E-04	2.85E-05	4.91E-05	8.26E-06	1.16E-04	1.95E-05	3.05E-05	3.05E-05	7.61E-01	2.03E-01	9.32E-01	1.87E-01
3502	Gridded	6.71E-05	1.25E-05	1.39E-05	2.70E-06	8.07E-04	1.45E-04	8.35E-04	1.52E-04	9.06E-04	1.77E-04	1.91E-05	3.41E-06	3.22E-03	5.77E-04	3.65E-03	6.83E-04	4.44E-03	1.04E-03	8.13E-04	1.47E-04	1.51E-04	2.70E-05	4.37E-05	7.80E-06	1.03E-04	1.84E-05	3.07E-05	3.07E-05	7.71E-01	1.64E-01	9.63E-01	1.82E-01
3503	Gridded	6.99E-05	1.14E-05	1.36E-05	2.50E-06	8.88E-04	1.30E-04	9.02E-04	1.37E-04	8.76E-04	1.64E-04	2.12E-05	3.05E-06	3.55E-03	5.19E-04	3.76E-03	6.25E-04	3.95E-03	1.04E-03	8.91E-04	1.32E-04	1.68E-04	2.42E-05	4.85E-05	7.00E-06	1.15E-04	1.65E-05	2.96E-05	2.96E-05	8.28E-01	1.58E-01	1.46E+00	1.91E-01
3504	Gridded	7.68E-05	1.06E-05	1.52E-05	2.21E-06	9.65E-04	1.28E-04	9.83E-04	1.32E-04	9.79E-04	1.45E-04	2.29E-05	3.04E-06	3.85E-03	5.10E-04	4.14E-03	5.78E-04	3.48E-03	9.77E-04	9.69E-04	1.28E-04	1.82E-04	2.40E-05	5.26E-05	6.96E-06	1.24E-04	1.65E-05	2.70E-05	2.70E-05	8.25E-01	1.59E-01	1.95E+00	1.92E-01
3505	Gridded	7.75E-05	1.24E-05	1.49E-05	2.46E-06	9.97E-04	1.56E-04	1.01E-03	1.59E-04	9.57E-04	1.58E-04	2.38E-05	3.71E-06	3.98E-03	6.23E-04	4.16E-03	6.70E-04	3.46E-03	8.68E-04	9.99E-04	1.57E-04	1.88E-04	2.94E-05	5.45E-05	8.51E-06	1.29E-04	2.01E-05	2.48E-05	2.48E-05	8.48E-01	1.63E-01	2.16E+00	1.90E-01
3506	Gridded	8.22E-05	1.36E-05	1.57E-05	2.69E-06	1.06E-03	1.73E-04	1.07E-03	1.76E-04	1.01E-03	1.74E-04	2.53E-05	4.12E-06	4.23E-03	6.90E-04	4.41E-03	7.34E-04	3.58E-03	8.15E-04	1.06E-03	1.73E-04	2.00E-04	3.26E-05	5.80E-05	9.43E-06	1.37E-04	2.23E-05	2.46E-05	2.46E-05	8.56E-01	1.72E-01	1.97E+00	2.23E-01
3507	Gridded	8.21E-05	1.46E-05	1.57E-05	2.83E-06	1.06E-03	1.87E-04	1.07E-03	1.90E-04	1.01E-03	1.82E-04	2.52E-05	4.46E-06	4.22E-03	7.47E-04	4.41E-03	7.88E-04	3.70E-03	7.84E-04	1.06E-03	1.88E-04	2.00E-04	3.53E-05	5.78E-05	1.02E-05	1.37E-04	2.42E-05	2.42E-05	2.42E-05	8.55E-01	1.94E-01	1.39E+00	2.57E-01
3508	Gridded	8.26E-05	1.39E-05	1.58E-05	2.75E-06	1.07E-03	1.74E-04	1.08E-03	1.77E-04	1.01E-03	1.77E-04	2.55E-05	4.13E-06	4.26E-03	6.93E-04	4.44E-03	7.48E-04	3.98E-03	6.68E-04	1.07E-03	1.74E-04	2.02E-04	3.27E-05	5.84E-05	9.45E-06	1.38E-04	2.23E-05	2.45E-05	2.45E-05	9.45E-01	2.93E-01	9.12E-01	2.86E-01
3509	Gridded	8.85E-05	1.36E-05	1.68E-05	2.62E-06	1.14E-03	1.75E-04	1.16E-03	1.77E-04	1.08E-03	1.68E-04	2.73E-05	4.17E-06	4.57E-03	6.98E-04	4.75E-03	7.32E-04	3.79E-03	6.50E-04	1.15E-03	1.75E-04	2.16E-04	3.30E-05	6.27E-05	9.55E-06	1.48E-04	2.26E-05	2.26E-05	2.26E-05	1.04E+00	3.45E-01	1.11E+00	2.72E-01
3510	Gridded	6.55E-05	8.07E-06	1.20E-05	1.57E-06	8.69E-04	1.03E-04	8.70E-04	1.04E-04	7.65E-04	1.01E-04	2.08E-05	2.45E-06	3.48E-03	4.10E-04	3.49E-03	4.34E-04	3.60E-03	6.22E-04	8.69E-04	1.03E-04	1.65E-04	1.94E-05	4.78E-05	5.61E-06	1.13E-04	1.33E-05	1.78E-05	1.78E-05	1.13E+00	2.64E-01	1.24E+00	1.89E-01
3511	Gridded	8.35E-05	1.01E-05	1.56E-05	1.88E-06	1.10E-03	1.33E-04	1.10E-03	1.33E-04	9.94E-04	1.20E-04	2.63E-05	3.18E-06	4.38E-03	5.31E-04	4.47E-03	5.40E-04	3.81E-03	5.04E-04	1.10E-03	1.33E-04	2.08E-04	2.52E-05	6.02E-05	7.29E-06	1.42E-04	1.72E-05	1.64E-05	1.64E-05	9.06E-01	2.10E-01	1.10E+00	2.26E-01
3512	Gridded	7.30E-05	9.96E-06	1.37E-05	1.92E-06	9.55E-04	1.28E-04	9.61E-04	1.29E-04	8.74E-04	1.23E-04	2.29E-05	3.05E-06	3.82E-03	5.10E-04	3.91E-03	5.35E-04	3.73E-03	5.29E-04	9.56E-04	1.28E-04	1.81E-04	2.41E-05	5.24E-05	6.99E-06	1.24E-04	1.65E-05	1.75E-05	1.75E-05	9.61E-01	2.68E-01	1.02E+00	2.70E-01
3513	Gridded	5.85E-05	6.95E-06	1.17E-05	1.33E-06	7.25E-04	9.17E-05	7.42E-04	9.20E-05	7.59E-04	8.72E-05	1.72E-05	2.20E-06	2.89E-03	3.67E-04	3.16E-03	3.71E-04	3.71E-03	5.88E-04	7.28E-04	9.18E-05	1.36E-04	1.74E-05	3.94E-05	5.04E-06	9.32E-05	1.19E-05	1.60E-05	1.60E-05	8.93E-01	1.92E-01	9.48E-01	1.98E-01
3514	Gridded	5.64E-05	5.58E-06	1.11E-05	1.12E-06	7.13E-04	7.14E-05	7.25E-04	7.23E-05	7.12E-04	7.27E-05	1.70E-05	1.70E-06	2.85E-03	2.85E-04	3.04E-03	3.01E-04	3.51E-03	5.14E-04	7.16E-04	7.16E-05	1.34E-04	1.35E-05	3.89E-05	3.91E-06	9.20E-05	9.23E-06	1.21E-05	1.21E-05	9.36E-01	2.51E-01	1.22E+00	2.13E-01
3515	Gridded	5.17E-05	6.23E-06	1.00E-05	1.23E-06	6.57E-04	7.85E-05	6.67E-04	8.00E-05	6.46E-04	7.90E-05	1.57E-05	1.87E-06	2.62E-03	3.13E-04	2.78E-03	3.36E-04	3.57E-03	3.55E-04	6.59E-04	7.88E-05	1.24E-04	1.48E-05	3.59E-05	4.28E-06	8.48E-05	1.01E-05	1.14E-05	1.14E-05	8.31E-01	3.05E-01	1.08E+00	2.00E-01
3516	Gridded	4.71E-05	6.03E-06	9.29E-06	1.14E-06	5.93E-04	7.97E-05	6.04E-04	8.00E-05	5.99E-04	7.36E-05	1.41E-05	1.91E-06	2.37E-03	3.19E-04	2.54E-03	3.22E-04	3.18E-03	3.37E-04	5.96E-04	7.98E-05	1.12E-04	1.51E-05	3.23E-05	4.38E-06	7.64E-05	1.04E-05	1.12E-05	1.12E-05	9.25E-01	2.65E-01	1.98E+00	1.56E-01
3517	Gridded	4.86E-05	5.42E-06	9.97E-06	1.05E-06	6.21E-04	7.01E-05	6.23E-04	7.08E-05	6.48E-04	6.78E-05	1.49E-05	1.68E-06	2.48E-03	2.80E-04	2.63E-03	2.91E-04	2.82E-03	3.27E-04	6.21E-04	7.03E-05	1.18E-04	1.33E-05	3.41E-05	3.84E-06	8.05E-05	9.08E-06	9.75E-06	9.75E-06	8.14E-01	2.70E-01	2.10E+00	1.78E-01
3518	Gridded	5.56E-05	6.66E-06	1.06E-05	1.29E-06	7.18E-04	8.49E-05	7.25E-04	8.62E-05	6.82E-04	8.31E-05	1.72E-05	2.02E-06	2.87E-03	3.39E-04	2.99E-03	3.58E-04	3.16E-03	2.62E-04	7.19E-04	8.52E-05	1.36E-04	1.60E-05	3.94E-05	4.64E-06	9.31E-05	1.10E-05	1.06E-05	1.06E-05	8.34E-01	2.23E-01	1.24E+00	1.74E-01
3519	Gridded	5.34E-05	7.17E-06	1.09E-05	1.38E-06	6.65E-04	9.18E-05	6.80E-04	9.30E-05	7.05E-04	8.88E-05	1.58E-05	2.19E-06	2.65E-03	3.67E-04	2.89E-03	3.85E-04	2.84E-03	2.71E-04	6.68E-04	9.21E-05	1.25E-04	1.73E-05	3.62E-05	5.02E-06	8.56E-05	1.19E-05	1.16E-05	1.16E-05	7.87E-01	1.53E-01	1.27E+00	1.63E-01
3520	Gridded	5.20E-05	9.68E-06	1.09E-05	1.89E-06	6.21E-04	1.22E-04	6.42E-04	1.25E-04	7.14E-04	1.22E-04	1.48E-05	2.92E-06	2.48E-03	4.89E-04	2.83E-03	5.21E-04	3.57E-03	3.17E-04	6.23E-04	1.23E-04	1.17E-04	2.31E-05	3.40E-05	6.68E-06	8.03E-05	1.58E-05	1.61E-05	1.61E-05	1.22E+00	1.42E-01	1.63E+00	1.24E-01
3521	Gridded	5.75E-05	1.06E-05	1.13E-05	2.13E-06	7.48E-04	1.32E-04	7.54E-04	1.35E-04	7.28E-04	1.38E-04	1.79E-05	3.14E-06	2.99E-03	5.28E-04	3.08E-03	5.75E-04	3.85E-03	4.57E-04	7.49E-04	1.33E-04	1.42E-04	2.49E-05	4.10E-05	7.20E-06	9.69E-05	1.70E-05	1.95E-05	1.95E-05	1.66E+00	1.93E-01	2.15E+00	1.59E-01
3522	Gridded	5.54E-05	9.97E-06	1.10E-05	2.04E-06	7.04E-04	1.22E-04	7.15E-04	1.25E-04	7.15E-04	1.32E-04	1.68E-05	2.88E-06	2.81E-03	4.86E-04	2.98E-03	5.40E-04	3.53E-03	5.30E-04	7.06E-04	1.23E-04	1.33E-04	2.28E-05	3.85E-05	6.61E-06	9.09E-05	1.56E-05	1.99E-05	1.99E-05	1.83E+00	1.88E-01	2.54E+00	1.72E-01
3523	Gridded	5.25E-05	1.05E-05	1.06E-05	2.12E-06	6.46E-04	1.29E-04	6.63E-04	1.32E-04	6.90E-04	1.37E-04	1.53E-05	3.05E-06	2.58E-03	5.14E-04	2.84E-03	5.67E-04	3.33E-03	5.17E-04	6.50E-04	1.30E-04	1.21E-04	2.42E-05	3.51E-05	7.00E-06	8.30E-05	1.65E-05	2.02E-05	2.02E-05	1.76E+00	1.60E-01	2.59E+00	1.64E-01
3524	Gridded	5.08E-05	1.06E-05	1.05E-05	2.20E-06	6.12E-04	1.29E-04	6.33E-04	1.33E-04	6.86E-04	1.43E-04	1.45E-05	3.05E-06	2.44E-03	5.13E-04	2.76E-03	5.78E-04	3.33E-03	6.21E-04	6.17E-04	1.30E-04	1.14E-04	2.41E-05	3.31E-05	6.98E-06	7.83E-05	1.65E-05	2.22E-05	2.22E-05	1.53E+00	1.34E-01	2.33E+00	1.36E-01
3525	Gridded	5.45E-05	1.02E-05	1.06E-05	2.14E-06	6.92E-04	1.22E-04	7.03E-04	1.26E-04	6.84E-04	1.39E-04	1.65E-05	2.87E-06	2.76E-03	4.84E-04	2.94E-03	5.55E-04	3.44E-03	6.80E-04	6.95E-04	1.23E-04	1.31E-04	2.27E-05	3.78E-05	6.57E-06	8.93E-05	1.55E-05	2.26E-05	2.26E-05	1.22E+00	1.68E-01	3.15E+00	1.68E-01
3526	Gridded	6.37E-05	9.56E-06	1.28E-05	2.03E-06	7.91E-04	1.13E-04	8.10E-04	1.17E-04	8.25E-04	1.33E-04	1.88E-05	2.65E-06	3.16E-03	4.49E-04	3.44E-03	5.21E-04	3.43E-03	6.96E-04	7.95E-04	1.14E-04	1.49E-04	2.10E-05	4.30E-05	6.08E-06	1.02E-04	1.44E-05	2.21E-05	2.21E-05	1.46E+00	2.19E-01	4.98E+00	2.42E-01
3527	Gridded	6.55E-05	8.80E-06	1.34E-05	1.89E-06	7.99E-04	1.03E-04	8.23E-04	1.08E-04	8.70E-04	1.24E-04	1.89E-05	2.43E-06	3.19E-03	4.11E-04	3.55E-03	4.81E-04	4.31E-03	7.34E-04	8.05E-04	1.04E-04	1.50E-04	1.92E-05	4.34E-05	5.57E-06	1.03E-04	1.32E-05	2.18E-05	2.18E-05	1.62E+00	2.46E-01	6.29E+00	2.92E-01
3528	Gridded	6.09E-05	9.21E-06	1.31E-05	2.02E-06	7.07E-04	1.05E-04	7.40E-04	1.11E-04	8.61E-04	1.32E-04	1.67E-05	2.47E-06	2.82E-03	4.19E-04	3.33E-03	5.05E-04	4.96E-03	8.21E-04	7.14E-04	1.07E-04	1.32E-04	1.95E-05	3.83E-05	5.66E-06	9.05E-05	1.34E-05	2.38E-05	2.38E-05	1.49E+00	2.18E-01	6.47E+00	2.95E-01
3529	Gridded	6.22E-05	9.17E-06	1.35E-05	2.02E-06	7.16E-04	1.04E-04	7.52E-04	1.10E-04	8.88E-04	1.33E-04	1.68E-05	2.44E-06	2.85E-03	4.15E-04	3.41E-03	5.03E-04	5.33E-03	8.46E-04	7.24E-04	1.06E-04	1.33E-04	1.93E-05	3.85E-05	5.59E-06	9.10E-05	1.32E-05	2.41E-05	2.41E-05	1.22E+00	2.02E-01	5.73E+00	2.59E-01
3530	Gridded	6.42E-05	1.23E-05	1.33E-05	2.62E-06	7.86E-04	1.43E-04	8.02E-04	1.50E-04	8.63E-04	1.72E-04	1.88E-05	3.37E-06	3.14E-03	5.70E-04	3.49E-03	6.69E-04	5.57E-03	9.66E-04	7.87E-04	1.45E-04	1.49E-04	2.67E-05	4.31E-05	7.72E-06	1.02E-04	1.82E-05	2.95E-05	2.95E-05	7.20E-01	1.98E-01	9.00E-01	1.79E-01
3531	Gridded	6.31E-05	1.22E-05	1.32E-05	2.63E-06	8.20E-04	1.42E-04	8.25E-04	1.49E-04	8.57E-04	1.73E-04	1.96E-05	3.35E-06	3.28E-03	5.67E-04	3.43E-03	6.69E-04	5.34E-03	1.01E-03	8.21E-04	1.44E-04	1.55E-04	2.65E-05	4.49E-05	7.67E-06	1.06E-04	1.81E-05	3.02E-05	3.02E-05	7.21E-01	1.72E-01	9.14E-01	1.86E-01
3532	Gridded	6.71E-05	1.18E-05	1.25E-05	2.58E-06	8.82E-04	1.37E-04	8.86E-04	1.43E-04	8.01E-04	1.69E-04	2.11E-05	3.20E-06	3.52E-03	5.43E-04	3.59E-03	6.49E-04	4.73E-03	1.03E-03	8.82E-04	1.38E-04	1.67E-04	2.54E-05	4.84E-05	7.34E-06	1.14E-04	1.74E-05	2.99E-05	2.99E-05	7.42E-01	1.47E-01	9.96E-01	1.79E-01
3533	Gridded	7.27E-05	1.08E-05	1.38E-05	2.39E-06	9.48E-04	1.23E-04	9.55E-04	1.30E-04	8.90E-04	1.57E-04	2.27E-05	2.89E-06	3.79E-03	4.89E-04	3.89E-03	5.94E-04	3.81E-03	1.01E-03	9.50E-04	1.25E-04	1.80E-04	2.29E-05	5.20E-05	6.62E-06	1.23E-04	1.57E-05	2.86E-05	2.86E-05	7.77E-01	1.54E-01	1.42E+00	1.81E-01
3534	Gridded	7.09E-05	1.07E-05	1.43E-05	2.26E-06	8.75E-04	1.30E-04	8.98E-04	1.32E-04	9.26E-04	1.48E-04	2.08E-05	3.11E-06	3.49E-03	5.21E-04	3.84E-03	5.84E-04	3.48E-03	9.48E-04	8.80E-04	1.31E-04	1.64E-04	2.46E-05	4.76E-05	7.13E-06	1.12E-04	1.69E-05	2.59E-05	2.59E-05	7.85E-01	1.52E-01	1.84E+00	1.82E-01
3535	Gridded	7.60E-05	1.27E-05	1.48E-05	2.50E-06	9.67E-04	1.60E-04	9.82E-04	1.63E-04	9.51E-04	1.62E-04	2.31E-05	3.82E-06	3.86E-03	6.40E-04	4.09E-03	6.83E-04	3.80E-03	8.76E-04	9.71E-04	1.61E-04	1.83E-04	3.02E-05	5.28E-05	8.75E-06	1.25E-04	2.07E-05	2.56E-05	2.56E-05	8.31E-01	1.51E-01	2.08E+00	1.83E-01
3536	Gridded	8.06E-05	1.42E-05	1.56E-05	2.82E-06	1.03E-03	1.78E-04	1.04E-03	1.82E-04	1.00E-03	1.82E-04	2.45E-05	4.23E-06	4.10E-03	7.10E-04	4.33E-03	7.67E-04	3.81E-03	8.66E-04	1.03E-03	1.79E-04	1.94E-04	3.35E-05	5.61E-05	9.70E-06	1.33E-04	2.29E-05	2.64E-05	2.64E-05	8.25E-01	1.66E-01	1.94E+00	2.09E-01
3537	Gridded	8.39E-05	1.57E-05	1.63E-05	3.07E-06	1.07E-03	1.98E-04	1.08E-03	2.02E-04	1.05E-03	1.97E-04	2.54E-05	4.72E-06	4.26E-03	7.91E-04	4.51E-03	8.44E-04	3.68E-03	8.46E-04	1.07E-03	1.99E-04	2.01E-04	3.74E-05	5.83E-05	1.08E-05	1.38E-04	2.56E-05	2.76E-05	2.76E-05	8.77E-01	1.83E-01	1.42E+00	2.50E-01
3538	Gridded	8.45E-05	1.51E-05	1.63E-05	3.03E-06	1.08E-03	1.87E-04	1.09E-03	1.92E-04	1.05E-03	1.96E-04	2.58E-05	4.44E-06	4.31E-03	7.47E-04	4.54E-03	8.16E-04	3.68E-03	7.96E-04	1.08E-03	1.88E-04	2.04E-04	3.52E-05	5.90E-05	1.02E-05	1.40E-04	2.41E-05	2.80E-05	2.80E-05	9.49E-01	2.94E-01	1.03E+00	3.08E-01
3539	Gridded	8.75E-05	1.61E-05	1.67E-05	3.11E-06	1.13E-03	2.07E-04	1.14E-03	2.09E-04	1.07E-03	2.00E-04	2.70E-05	4.93E-06	4.51E-03	8.25E-04	4.70E-03	8.67E-04	3.79E-03	7.66E-04	1.13E-03	2.07E-04	2.14E-04	3.90E-05	6.18E-05	1.13E-05	1.46E-04	2.67E-05	2.62E-05	2.62E-05	9.70E-01	3.33E-01	1.06E+00	3.06E-01
3540	Gridded	6.72E-05	1.13E-05	1.35E-05	2.27E-06	8.34E-04	1.40E-04	8.54E-04	1.43E-04	8.71E-04	1.47E-04	1.98E-05	3.32E-06	3.33E-03	5.58E-04	3.63E-03	6.11E-04	3.89E-03	7.26E-04	8.38E-04	1.41E-04	1.57E-04	2.63E-05	4.54E-05	7.61E-06	1.07E-04	1.80E-05	2.12E-05	2.12E-05	9.71E-01	2.97E-01	1.33E+00	2.16E-01
3541	Gridded	8.15E-05	9.33E-06	1.52E-05	1.86E-06	1.07E-03	1.16E-04	1.08E-03	1.19E-04	9.66E-04	1.20E-04	2.57E-05	2.76E-06	4.29E-03	4.64E-04	4.36E-03	5.04E-04	3.82E-03	5.91E-04	1.07E-03	1.17E-04	2.03E-04	2.19E-05	5.88E-05	6.33E-06	1.39E-04	1.50E-05	1.68E-05	1.68E-05	8.84E-01	1.83E-01	8.71E-01	1.86E-01
3542	Gridded	8.20E-05	1.19E-05	1.52E-05	2.24E-06	1.08E-03	1.54E-04	1.08E-03	1.55E-04	9.69E-04	1.44E-04	2.59E-05	3.68E-06	4.32E-03	6.16E-04	4.38E-03	6.36E-04	4.15E-03	5.43E-04	1.08E-03	1.54E-04	2.05E-04	2.92E-05	5.93E-05	8.44E-06	1.40E-04	1.99E-05	1.96E-05	1.96E-05	8.70E-01	2.31E-01	9.38E-01	2.54E-01
3543	Gridded	6.82E-05	9.84E-06	1.26E-05	1.95E-06	9.02E-04	1.23E-04	9.04E-04	1.26E-04	8.02E-04	1.26E-04	2.16E-05	2.93E-06	3.61E-03	4.92E-04	3.64E-03	5.31E-04	3.87E-03	6.21E-04	9.03E-04	1.24E-04	1.71E-04	2.32E-05	4.96E-05	6.71E-06	1.17E-04	1.59E-05	1.95E-05	1.95E-05	8.21E-01	2.46E-01	9.20E-01	2.40E-01
3544	Gridded	5.72E-05	7.47E-06	1.17E-05	1.40E-06	7.12E-04	9.77E-05	7.19E-04	9.83E-05	7.62E-04	9.09E-05	1.70E-05	2.34E-06	2.85E-03	3.91E-04	3.10E-03	4.00E-04	3.81E-03	6.12E-04	7.14E-04	9.79E-05	1.35E-04	1.85E-05	3.90E-05	5.36E-06	9.22E-05	1.27E-05	1.66E-05	1.66E-05	9.63E-01	1.91E-01	9.08E-01	2.03E-01
3545	Gridded	5.70E-05	5.91E-06	1.13E-05	1.18E-06	7.21E-04	7.42E-05	7.27E-04	7.53E-05	7.31E-04	7.65E-05	1.73E-05	1.77E-06	2.88E-03	2.96E-04	3.08E-03	3.20E-04	3.84E-03	4.99E-04	7.22E-04	7.45E-05	1.37E-04	1.40E-05	3.95E-05	4.06E-06	9.34E-05	9.59E-06	1.23E-05	1.23E-05	8.43E-01	2.42E-01	1.31E+00	2.14E-01
3546	Gridded	5.49E-05	6.56E-06	1.07E-05	1.30E-06	6.94E-04	8.24E-05	7.06E-04	8.40E-05	6.92E-04	8.36E-05	1.65E-05	1.96E-06	2.77E-03	3.29E-04	2.96E-03	3.54E-04	3.73E-03	3.71E-04	6.97E-04	8.27E-05	1.31E-04	1.55E-05	3.79E-05	4.49E-06	8.96E-05	1.06E-05	1.25E-05	1.25E-05	8.00E-01	2.99E-01	9.78E-01	2.13E-01
3547	Gridded	5.07E-05	6.11E-06	9.98E-06	1.24E-06	6.39E-04	7.91E-05	6.51E-04	7.93E-05	6.43E-04	8.07E-05	1.52E-05	1.89E-06	2.55E-03	3.16E-04	2.73E-03	3.31E-04	3.47E-03	3.82E-04	6.41E-04	7.91E-05	1.20E-04	1.50E-05	3.48E-05	4.34E-06	8.23E-05	1.03E-05	1.28E-05	1.28E-05	9.06E-01	2.81E-01	1.92E+00	1.80E-01
3548	Gridded	5.37E-05	6.40E-06	1.02E-05	1.24E-06	7.08E-04	8.15E-05	7.10E-04	8.27E-05	6.65E-04	7.98E-05	1.70E-05	1.94E-06	2.83E-03	3.25E-04	2.87E-03	3.44E-04	3.09E-03	3.77E-04	7.09E-04	8.17E-05	1.34E-04	1.54E-05	3.89E-05	4.45E-06	9.19E-05	1.05E-05	1.15E-05	1.15E-05	8.26E-01	2.94E-01	2.20E+00	1.91E-01
3549	Gridded	5.18E-05	6.89E-06	9.90E-06	1.33E-06	6.69E-04	8.79E-05	6.76E-04	8.91E-05	6.44E-04	8.57E-05	1.60E-05	2.10E-06	2.67E-03	3.51E-04	2.78E-03	3.70E-04	3.39E-03	3.18E-04	6.70E-04	8.81E-05	1.27E-04	1.66E-05	3.66E-05	4.80E-06	8.66E-05	1.13E-05	1.09E-05	1.09E-05	8.29E-01	2.04E-01	1.24E+00	1.75E-01
3550	Gridded	5.74E-05	7.18E-06	1.14E-05	1.43E-06	7.34E-04	8.97E-05	7.42E-04	9.16E-05	7.32E-04	9.22E-05	1.75E-05	2.13E-06	2.93E-03	3.58E-04	3.10E-03	3.88E-04	3.37E-03	3.00E-04	7.36E-04	9.01E-05	1.39E-04	1.69E-05	4.02E-05	4.88E-06	9.50E-05	1.15E-05	1.29E-05	1.29E-05	7.62E-01	1.79E-01	1.14E+00	1.69E-01
3551	Gridded	4.97E-05	7.98E-06	1.05E-05	1.57E-06	5.91E-04	1.01E-04	6.14E-04	1.03E-04	6.83E-04	1.01E-04	1.41E-05	2.40E-06	2.36E-03	4.02E-04	2.71E-03	4.30E-04	3.40E-03	3.46E-04	5.96E-04	1.01E-04	1.12E-04	1.90E-05	3.24E-05	5.50E-06	7.66E-05	1.30E-05	1.35E-05	1.35E-05	9.12E-01	1.07E-01	1.24E+00	1.47E-01
3552	Gridded	4.92E-05	9.99E-06	9.88E-06	1.99E-06	6.17E-04	1.25E-04	6.29E-04	1.27E-04	6.48E-04	1.29E-04	1.47E-05	2.96E-06	2.46E-03	4.97E-04	2.65E-03	5.40E-04	3.89E-03	4.18E-04	6.19E-04	1.25E-04	1.16E-04	2.34E-05	3.36E-05	6.78E-06	7.94E-05	1.60E-05	1.81E-05	1.81E-05	1.25E+00	1.61E-01	1.69E+00	1.32E-01
3553	Gridded	5.99E-05	1.05E-05	1.18E-05	2.14E-06	7.72E-04	1.29E-04	7.81E-04	1.33E-04	7.72E-04	1.39E-04	1.84E-05	3.07E-06	3.09E-03	5.16E-04	3.21E-03	5.71E-04	3.86E-03	5.36E-04	7.74E-04	1.30E-04	1.46E-04	2.43E-05	4.23E-05	7.03E-06	9.99E-05	1.66E-05	2.07E-05	2.07E-05	1.47E+00	1.89E-01	2.02E+00	1.55E-01
3554	Gridded	6.02E-05	9.90E-06	1.28E-05	2.05E-06	7.39E-04	1.20E-04	7.52E-04	1.23E-04	8.33E-04	1.33E-04	1.76E-05	2.82E-06	2.95E-03	4.76E-04	3.28E-03	5.38E-04	4.31E-03	5.96E-04	7.42E-04	1.20E-04	1.39E-04	2.24E-05	4.03E-05	6.47E-06	9.52E-05	1.53E-05	2.09E-05	2.09E-05	1.52E+00	1.85E-01	2.13E+00	1.78E-01
3555	Gridded	5.47E-05	9.87E-06	1.16E-05	2.04E-06	6.47E-04	1.20E-04	6.73E-04	1.23E-04	7.57E-04	1.32E-04	1.52E-05	2.83E-06	2.57E-03	4.77E-04	2.98E-03	5.36E-04	3.93E-03	5.85E-04	6.52E-04	1.20E-04	1.21E-04	2.24E-05	3.49E-05	6.48E-06	8.25E-05	1.53E-05	2.05E-05	2.05E-05	1.38E+00	1.59E-01	1.98E+00	1.68E-01
3556	Gridded	4.75E-05	1.02E-05	1.00E-05	2.13E-06	5.69E-04	1.21E-04	5.87E-04	1.26E-04	6.53E-04	1.39E-04	1.35E-05	2.86E-06	2.27E-03	4.83E-04	2.59E-03	5.53E-04	3.37E-03	6.74E-04	5.73E-04	1.22E-04	1.07E-04	2.27E-05	3.08E-05	6.56E-06	7.29E-05	1.55E-05	2.25E-05	2.25E-05	1.15E+00	1.33E-01	1.84E+00	1.37E-01
3557	Gridded	4.83E-05	1.01E-05	9.84E-06	2.14E-06	6.06E-04	1.19E-04	6.18E-04	1.24E-04	6.41E-04	1.40E-04	1.44E-05	2.81E-06	2.42E-03	4.75E-04	2.60E-03	5.51E-04	3.46E-03	7.26E-04	6.08E-04	1.20E-04	1.14E-04	2.23E-05	3.30E-05	6.44E-06	7.80E-05	1.52E-05	2.33E-05	2.33E-05	9.79E-01	1.67E-01	2.82E+00	1.51E-01
3558	Gridded	5.85E-05	9.70E-06	1.18E-05	2.07E-06	7.22E-04	1.14E-04	7.40E-04	1.19E-04	7.66E-04	1.35E-04	1.71E-05	2.68E-06	2.88E-03	4.53E-04	3.17E-03	5.30E-04	3.76E-03	7.32E-04	7.26E-04	1.15E-04	1.36E-04	2.12E-05	3.92E-05	6.14E-06	9.27E-05	1.45E-05	2.29E-05	2.29E-05	1.29E+00	1.97E-01	4.32E+00	2.12E-01
3559	Gridded	6.10E-05	8.85E-06	1.25E-05	1.90E-06	7.40E-04	1.03E-04	7.63E-04	1.08E-04	8.18E-04	1.25E-04	1.75E-05	2.42E-06	2.95E-03	4.10E-04	3.31E-03	4.84E-04	4.61E-03	7.08E-04	7.45E-04	1.04E-04	1.39E-04	1.91E-05	4.01E-05	5.54E-06	9.49E-05	1.31E-05	2.15E-05	2.15E-05	1.41E+00	2.27E-01	5.33E+00	2.51E-01
3560	Gridded	6.22E-05	8.48E-06	1.35E-05	1.86E-06	7.18E-04	9.66E-05	7.53E-04	1.02E-04	8.87E-04	1.22E-04	1.68E-05	2.26E-06	2.86E-03	3.84E-04	3.41E-03	4.65E-04	5.27E-03	7.72E-04	7.26E-04	9.78E-05	1.33E-04	1.79E-05	3.86E-05	5.18E-06	9.12E-05	1.23E-05	2.22E-05	2.22E-05	1.33E+00	2.13E-01	5.58E+00	2.57E-01
3561	Gridded	7.31E-05	1.15E-05	1.39E-05	2.51E-06	9.45E-04	1.32E-04	9.54E-04	1.38E-04	8.92E-04	1.65E-04	2.26E-05	3.08E-06	3.78E-03	5.24E-04	3.92E-03	6.30E-04	5.60E-03	1.02E-03	9.47E-04	1.33E-04	1.79E-04	2.44E-05	5.17E-05	7.07E-06	1.22E-04	1.67E-05	2.95E-05	2.95E-05	6.95E-01	1.43E-01	8.99E-01	1.89E-01
3562	Gridded	7.77E-05	1.09E-05	1.47E-05	2.38E-06	1.01E-03	1.24E-04	1.02E-03	1.31E-04	9.38E-04	1.57E-04	2.42E-05	2.91E-06	4.04E-03	4.93E-04	4.16E-03	5.96E-04	4.90E-03	1.01E-03	1.01E-03	1.26E-04	1.91E-04	2.30E-05	5.54E-05	6.66E-06	1.31E-04	1.57E-05	2.86E-05	2.86E-05	7.22E-01	1.47E-01	1.02E+00	1.79E-01
3563	Gridded	7.45E-05	1.02E-05	1.43E-05	2.21E-06	9.60E-04	1.19E-04	9.71E-04	1.24E-04	9.15E-04	1.46E-04	2.29E-05	2.80E-06	3.83E-03	4.72E-04	4.00E-03	5.56E-04	3.87E-03	9.64E-04	9.62E-04	1.20E-04	1.81E-04	2.21E-05	5.25E-05	6.41E-06	1.24E-04	1.51E-05	2.68E-05	2.68E-05	7.44E-01	1.50E-01	1.40E+00	1.69E-01
3564	Gridded	6.66E-05	1.08E-05	1.37E-05	2.28E-06	8.30E-04	1.36E-04	8.45E-04	1.38E-04	8.87E-04	1.49E-04	1.97E-05	3.23E-06	3.31E-03	5.42E-04	3.62E-03	5.83E-04	3.67E-03	8.94E-04	8.33E-04	1.36E-04	1.56E-04	2.56E-05	4.52E-05	7.41E-06	1.07E-04	1.75E-05	2.55E-05	2.55E-05	7.67E-01	1.41E-01	1.72E+00	1.68E-01
3565	Gridded	7.31E-05	1.28E-05	1.44E-05	2.54E-06	9.20E-04	1.61E-04	9.37E-04	1.64E-04	9.29E-04	1.64E-04	2.19E-05	3.83E-06	3.67E-03	6.42E-04	3.94E-03	6.93E-04	4.02E-03	8.89E-04	9.23E-04	1.62E-04	1.73E-04	3.03E-05	5.01E-05	8.77E-06	1.19E-04	2.07E-05	2.64E-05	2.64E-05	8.13E-01	1.45E-01	1.90E+00	1.82E-01
3566	Gridded	7.61E-05	1.40E-05	1.50E-05	2.82E-06	9.60E-04	1.76E-04	9.78E-04	1.79E-04	9.65E-04	1.83E-04	2.29E-05	4.20E-06	3.83E-03	7.03E-04	4.10E-03	7.59E-04	3.91E-03	9.05E-04	9.64E-04	1.77E-04	1.81E-04	3.32E-05	5.24E-05	9.61E-06	1.24E-04	2.27E-05	2.71E-05	2.71E-05	8.05E-01	1.61E-01	1.82E+00	1.98E-01
3567	Gridded	8.14E-05	1.61E-05	1.60E-05	3.19E-06	1.03E-03	2.03E-04	1.04E-03	2.07E-04	1.03E-03	2.06E-04	2.44E-05	4.82E-06	4.10E-03	8.09E-04	4.39E-03	8.71E-04	3.98E-03	8.70E-04	1.03E-03	2.04E-04	1.93E-04	3.82E-05	5.60E-05	1.10E-05	1.32E-04	2.61E-05	2.91E-05	2.91E-05	8.67E-01	1.74E-01	1.43E+00	2.55E-01
3568	Gridded	8.45E-05	1.60E-05	1.65E-05	3.24E-06	1.07E-03	1.97E-04	1.09E-03	2.03E-04	1.06E-03	2.10E-04	2.55E-05	4.68E-06	4.27E-03	7.87E-04	4.55E-03	8.68E-04	4.01E-03	8.93E-04	1.07E-03	1.99E-04	2.02E-04	3.71E-05	5.84E-05	1.07E-05	1.38E-04	2.54E-05	3.08E-05	3.08E-05	9.11E-01	2.82E-01	1.02E+00	3.28E-01
3569	Gridded	8.19E-05	1.80E-05	1.57E-05	3.49E-06	1.05E-03	2.30E-04	1.07E-03	2.33E-04	1.01E-03	2.24E-04	2.51E-05	5.48E-06	4.20E-03	9.18E-04	4.40E-03	9.68E-04	3.92E-03	8.99E-04	1.06E-03	2.31E-04	1.99E-04	4.34E-05	5.76E-05	1.26E-05	1.36E-04	2.97E-05	3.01E-05	3.01E-05	9.15E-01	3.38E-01	1.18E+00	3.25E-01
3570	Gridded	7.50E-05	1.54E-05	1.49E-05	3.07E-06	9.35E-04	1.92E-04	9.56E-04	1.96E-04	9.65E-04	1.98E-04	2.22E-05	4.56E-06	3.73E-03	7.65E-04	4.05E-03	8.31E-04	3.95E-03	8.80E-04	9.40E-04	1.93E-04	1.76E-04	3.61E-05	5.09E-05	1.04E-05	1.20E-04	2.47E-05	2.79E-05	2.79E-05	9.93E-01	3.22E-01	1.28E+00	2.73E-01
3571	Gridded	6.47E-05	9.34E-06	1.22E-05	1.86E-06	8.51E-04	1.16E-04	8.55E-04	1.19E-04	7.88E-04	1.20E-04	2.04E-05	2.76E-06	3.40E-03	4.64E-04	3.46E-03	5.04E-04	3.78E-03	7.04E-04	8.52E-04	1.17E-04	1.61E-04	2.19E-05	4.67E-05	6.33E-06	1.10E-04	1.50E-05	1.97E-05	1.97E-05	9.85E-01	2.14E-01	1.12E+00	1.83E-01
3572	Gridded	8.21E-05	1.13E-05	1.57E-05	2.12E-06	1.06E-03	1.47E-04	1.07E-03	1.48E-04	1.00E-03	1.35E-04	2.53E-05	3.52E-06	4.24E-03	5.88E-04	4.41E-03	6.03E-04	3.95E-03	6.67E-04	1.06E-03	1.47E-04	2.01E-04	2.79E-05	5.81E-05	8.07E-06	1.37E-04	1.91E-05	2.05E-05	2.05E-05	8.64E-01	1.81E-01	8.61E-01	2.18E-01
3573	Gridded	8.09E-05	1.23E-05	1.53E-05	2.38E-06	1.05E-03	1.57E-04	1.06E-03	1.60E-04	9.81E-04	1.53E-04	2.51E-05	3.75E-06	4.19E-03	6.29E-04	4.34E-03	6.63E-04	4.13E-03	6.64E-04	1.05E-03	1.58E-04	1.99E-04	2.97E-05	5.75E-05	8.60E-06	1.36E-04	2.03E-05	2.17E-05	2.17E-05	8.97E-01	2.42E-01	9.13E-01	2.56E-01
3574	Gridded	7.04E-05	9.07E-06	1.32E-05	1.87E-06	9.22E-04	1.10E-04	9.27E-04	1.14E-04	8.42E-04	1.21E-04	2.21E-05	2.61E-06	3.69E-03	4.39E-04	3.77E-03	4.93E-04	3.80E-03	6.96E-04	9.23E-04	1.11E-04	1.75E-04	2.06E-05	5.06E-05	5.97E-06	1.20E-04	1.41E-05	2.04E-05	2.04E-05	7.98E-01	2.16E-01	8.76E-01	2.06E-01
3575	Gridded	5.50E-05	8.16E-06	1.13E-05	1.55E-06	7.12E-04	1.05E-04	7.13E-04	1.07E-04	7.40E-04	9.96E-05	1.71E-05	2.52E-06	2.85E-03	4.21E-04	2.96E-03	4.38E-04	3.81E-03	6.56E-04	7.12E-04	1.06E-04	1.35E-04	1.99E-05	3.91E-05	5.77E-06	9.24E-05	1.36E-05	1.70E-05	1.70E-05	1.00E+00	1.83E-01	9.78E-01	1.99E-01
3576	Gridded	5.57E-05	6.22E-06	1.12E-05	1.26E-06	7.18E-04	7.64E-05	7.25E-04	7.85E-05	7.25E-04	8.18E-05	1.71E-05	1.81E-06	2.87E-03	3.05E-04	3.00E-03	3.37E-04	4.13E-03	5.02E-04	7.19E-04	7.69E-05	1.36E-04	1.43E-05	3.93E-05	4.15E-06	9.29E-05	9.81E-06	1.31E-05	1.31E-05	8.15E-01	2.39E-01	1.34E+00	2.14E-01
3577	Gridded	5.52E-05	6.61E-06	1.09E-05	1.37E-06	6.91E-04	8.06E-05	7.05E-04	8.25E-05	7.05E-04	8.89E-05	1.64E-05	1.91E-06	2.76E-03	3.21E-04	2.98E-03	3.59E-04	3.99E-03	3.95E-04	6.94E-04	8.10E-05	1.30E-04	1.51E-05	3.77E-05	4.38E-06	8.90E-05	1.04E-05	1.39E-05	1.39E-05	7.73E-01	2.88E-01	1.02E+00	2.28E-01
3578	Gridded	5.23E-05	6.26E-06	1.04E-05	1.32E-06	6.55E-04	7.85E-05	6.68E-04	7.88E-05	6.69E-04	8.64E-05	1.56E-05	1.88E-06	2.61E-03	3.14E-04	2.82E-03	3.41E-04	3.91E-03	4.42E-04	6.58E-04	7.85E-05	1.23E-04	1.49E-05	3.57E-05	4.31E-06	8.43E-05	1.02E-05	1.43E-05	1.43E-05	8.73E-01	2.83E-01	1.83E+00	2.03E-01
3579	Gridded	5.09E-05	6.95E-06	1.01E-05	1.35E-06	6.72E-04	8.86E-05	6.74E-04	8.99E-05	6.58E-04	8.65E-05	1.61E-05	2.11E-06	2.69E-03	3.54E-04	2.72E-03	3.74E-04	3.52E-03	4.38E-04	6.72E-04	8.89E-05	1.27E-04	1.67E-05	3.69E-05	4.84E-06	8.72E-05	1.14E-05	1.31E-05	1.31E-05	8.60E-01	2.94E-01	2.22E+00	2.01E-01
3580	Gridded	5.27E-05	6.63E-06	1.01E-05	1.29E-06	6.76E-04	8.42E-05	6.84E-04	8.55E-05	6.54E-04	8.30E-05	1.61E-05	2.01E-06	2.70E-03	3.36E-04	2.83E-03	3.57E-04	3.60E-03	3.82E-04	6.77E-04	8.45E-05	1.28E-04	1.59E-05	3.69E-05	4.60E-06	8.73E-05	1.09E-05	1.19E-05	1.19E-05	8.42E-01	1.66E-01	1.48E+00	1.76E-01
3581	Gridded	5.90E-05	7.45E-06	1.11E-05	1.48E-06	7.67E-04	9.31E-05	7.73E-04	9.51E-05	7.12E-04	9.57E-05	1.83E-05	2.21E-06	3.06E-03	3.71E-04	3.16E-03	4.02E-04	3.70E-03	3.30E-04	7.68E-04	9.35E-05	1.45E-04	1.75E-05	4.20E-05	5.07E-06	9.93E-05	1.20E-05	1.33E-05	1.33E-05	7.74E-01	2.01E-01	1.03E+00	1.68E-01
3582	Gridded	5.35E-05	7.08E-06	1.10E-05	1.45E-06	6.52E-04	8.64E-05	6.71E-04	8.89E-05	7.11E-04	9.39E-05	1.54E-05	2.05E-06	2.60E-03	3.44E-04	2.90E-03	3.84E-04	3.46E-03	3.81E-04	6.56E-04	8.69E-05	1.22E-04	1.62E-05	3.53E-05	4.69E-06	8.35E-05	1.11E-05	1.42E-05	1.42E-05	7.16E-01	1.27E-01	1.03E+00	1.64E-01
3583	Gridded	5.15E-05	8.34E-06	9.81E-06	1.66E-06	6.67E-04	1.04E-04	6.73E-04	1.06E-04	6.28E-04	1.07E-04	1.59E-05	2.47E-06	2.66E-03	4.15E-04	2.77E-03	4.50E-04	3.89E-03	4.01E-04	6.68E-04	1.05E-04	1.26E-04	1.96E-05	3.65E-05	5.66E-06	8.63E-05	1.34E-05	1.50E-05	1.50E-05	9.50E-01	1.18E-01	1.41E+00	1.23E-01
3584	Gridded	5.82E-05	9.89E-06	1.24E-05	2.00E-06	6.85E-04	1.22E-04	7.14E-04	1.25E-04	8.10E-04	1.30E-04	1.61E-05	2.88E-06	2.73E-03	4.85E-04	3.18E-03	5.35E-04	4.33E-03	4.85E-04	6.91E-04	1.22E-04	1.28E-04	2.28E-05	3.69E-05	6.61E-06	8.73E-05	1.56E-05	1.91E-05	1.91E-05	1.16E+00	1.72E-01	1.62E+00	1.27E-01
3585	Gridded	6.61E-05	1.02E-05	1.41E-05	2.10E-06	7.81E-04	1.23E-04	8.08E-04	1.27E-04	9.24E-04	1.37E-04	1.86E-05	2.91E-06	3.12E-03	4.91E-04	3.61E-03	5.53E-04	5.05E-03	5.97E-04	7.84E-04	1.24E-04	1.47E-04	2.31E-05	4.27E-05	6.68E-06	1.01E-04	1.58E-05	2.13E-05	2.13E-05	1.21E+00	1.87E-01	1.92E+00	1.68E-01
3586	Gridded	6.43E-05	9.56E-06	1.37E-05	2.01E-06	7.52E-04	1.14E-04	7.85E-04	1.18E-04	8.99E-04	1.31E-04	1.77E-05	2.69E-06	2.99E-03	4.54E-04	3.51E-03	5.21E-04	4.94E-03	6.44E-04	7.60E-04	1.15E-04	1.40E-04	2.13E-05	4.05E-05	6.16E-06	9.58E-05	1.45E-05	2.13E-05	2.13E-05	1.15E+00	1.76E-01	1.97E+00	1.78E-01
3587	Gridded	5.53E-05	9.34E-06	1.18E-05	1.95E-06	6.48E-04	1.12E-04	6.76E-04	1.16E-04	7.72E-04	1.27E-04	1.52E-05	2.64E-06	2.58E-03	4.45E-04	3.02E-03	5.08E-04	4.20E-03	6.27E-04	6.54E-04	1.13E-04	1.21E-04	2.09E-05	3.49E-05	6.05E-06	8.26E-05	1.43E-05	2.04E-05	2.04E-05	1.00E+00	1.52E-01	1.51E+00	1.68E-01

Scenario 1 Results

3588	Gridded	4.58E-05	9.86E-06	9.67E-06	2.08E-06	5.44E-04	1.17E-04	5.65E-04	1.22E-04	6.32E-04	1.36E-04	1.28E-05	2.76E-06	2.17E-03	4.66E-04	2.49E-03	5.37E-04	3.50E-03	6.87E-04	5.49E-04	1.18E-04	1.02E-04	2.18E-05	2.94E-05	6.32E-06	6.95E-05	1.49E-05	2.24E-05	2.24E-05	1.04E+00	1.29E-01	1.87E+00	1.44E-01
3589	Gridded	4.56E-05	9.73E-06	9.33E-06	2.07E-06	5.56E-04	1.14E-04	5.72E-04	1.19E-04	6.10E-04	1.36E-04	1.32E-05	2.69E-06	2.22E-03	4.55E-04	2.47E-03	5.31E-04	3.39E-03	7.29E-04	5.59E-04	1.15E-04	1.04E-04	2.13E-05	3.02E-05	6.16E-06	7.13E-05	1.46E-05	2.29E-05	2.29E-05	9.69E-01	1.55E-01	2.53E+00	1.36E-01
3590	Gridded	4.97E-05	9.12E-06	1.06E-05	1.97E-06	6.10E-04	1.06E-04	6.27E-04	1.11E-04	6.94E-04	1.29E-04	1.45E-05	2.49E-06	2.43E-03	4.21E-04	2.71E-03	4.99E-04	3.76E-03	7.39E-04	6.14E-04	1.07E-04	1.14E-04	1.97E-05	3.31E-05	5.70E-06	7.83E-05	1.35E-05	2.23E-05	2.23E-05	1.10E+00	1.72E-01	3.72E+00	1.84E-01
3591	Gridded	5.61E-05	8.30E-06	1.21E-05	1.80E-06	6.51E-04	9.56E-05	6.82E-04	1.00E-04	7.94E-04	1.18E-04	1.54E-05	2.24E-06	2.59E-03	3.80E-04	3.07E-03	4.54E-04	4.59E-03	7.10E-04	6.58E-04	9.66E-05	1.22E-04	1.77E-05	3.52E-05	5.14E-06	8.33E-05	1.21E-05	2.10E-05	2.10E-05	1.22E+00	2.06E-01	4.59E+00	2.18E-01
3592	Gridded	8.09E-05	9.87E-06	1.55E-05	2.18E-06	1.04E-03	1.21E-04	1.05E-03	1.24E-04	9.95E-04	1.44E-04	2.48E-05	2.87E-06	4.16E-03	4.82E-04	4.35E-03	5.42E-04	4.86E-03	9.71E-04	1.04E-03	1.21E-04	1.97E-04	2.27E-05	5.69E-05	6.57E-06	1.35E-04	1.55E-05	2.69E-05	2.69E-05	6.91E-01	1.47E-01	9.93E-01	1.74E-01
3593	Gridded	7.41E-05	1.00E-05	1.45E-05	2.17E-06	9.39E-04	1.16E-04	9.55E-04	1.22E-04	9.34E-04	1.43E-04	2.24E-05	2.72E-06	3.75E-03	4.61E-04	3.99E-03	5.49E-04	3.86E-03	9.15E-04	9.42E-04	1.17E-04	1.77E-04	2.16E-05	5.12E-05	6.24E-06	1.21E-04	1.48E-05	2.51E-05	2.51E-05	7.35E-01	1.47E-01	1.35E+00	1.63E-01
3594	Gridded	6.13E-05	1.07E-05	1.23E-05	2.14E-06	7.66E-04	1.34E-04	7.81E-04	1.37E-04	7.96E-04	1.40E-04	1.82E-05	3.18E-06	3.06E-03	5.34E-04	3.32E-03	5.79E-04	3.77E-03	8.68E-04	7.69E-04	1.34E-04	1.44E-04	2.52E-05	4.18E-05	7.29E-06	9.88E-05	1.72E-05	2.51E-05	2.51E-05	7.40E-01	1.33E-01	1.66E+00	1.64E-01
3595	Gridded	6.95E-05	1.25E-05	1.39E-05	2.52E-06	8.65E-04	1.55E-04	8.84E-04	1.59E-04	8.98E-04	1.63E-04	2.05E-05	3.68E-06	3.45E-03	6.19E-04	3.76E-03	6.78E-04	3.99E-03	8.73E-04	8.69E-04	1.56E-04	1.63E-04	2.92E-05	4.71E-05	8.44E-06	1.11E-04	2.00E-05	2.55E-05	2.55E-05	7.85E-01	1.41E-01	1.79E+00	1.80E-01
3596	Gridded	7.38E-05	1.43E-05	1.47E-05	2.80E-06	9.33E-04	1.80E-04	9.40E-04	1.83E-04	9.49E-04	1.82E-04	2.23E-05	4.28E-06	3.73E-03	7.19E-04	3.98E-03	7.69E-04	4.13E-03	9.06E-04	9.34E-04	1.81E-04	1.77E-04	3.39E-05	5.12E-05	9.82E-06	1.21E-04	2.32E-05	2.73E-05	2.73E-05	7.92E-01	1.54E-01	1.69E+00	1.91E-01
3597	Gridded	7.94E-05	1.64E-05	1.57E-05	3.26E-06	9.94E-04	2.04E-04	1.01E-03	2.09E-04	1.02E-03	2.10E-04	2.36E-05	4.86E-06	3.97E-03	8.16E-04	4.29E-03	8.84E-04	4.22E-03	8.86E-04	9.99E-04	2.05E-04	1.87E-04	3.85E-05	5.42E-05	1.11E-05	1.28E-04	2.63E-05	2.97E-05	2.97E-05	8.49E-01	1.63E-01	1.38E+00	2.65E-01
3598	Gridded	7.99E-05	1.63E-05	1.58E-05	3.31E-06	1.01E-03	2.03E-04	1.02E-03	2.07E-04	1.02E-03	2.15E-04	2.39E-05	4.81E-06	4.01E-03	8.09E-04	4.31E-03	8.82E-04	4.27E-03	9.42E-04	1.01E-03	2.04E-04	1.89E-04	3.81E-05	5.48E-05	1.10E-05	1.30E-04	2.61E-05	3.22E-05	3.22E-05	8.65E-01	2.71E-01	9.89E-01	3.52E-01
3599	Gridded	8.53E-05	1.93E-05	1.57E-05	3.74E-06	1.13E-03	2.45E-04	1.13E-03	2.49E-04	1.00E-03	2.41E-04	2.71E-05	5.84E-06	4.52E-03	9.79E-04	4.55E-03	1.04E-03	4.23E-03	9.65E-04	1.13E-03	2.46E-04	2.14E-04	4.62E-05	6.21E-05	1.34E-05	1.47E-04	3.16E-05	3.19E-05	3.19E-05	8.93E-01	3.38E-01	1.22E+00	3.32E-01
3600	Gridded	7.76E-05	1.86E-05	1.54E-05	3.69E-06	9.69E-04	2.32E-04	9.90E-04	2.37E-04	9.97E-04	2.38E-04	2.30E-05	5.51E-06	3.87E-03	9.26E-04	4.19E-03	1.00E-03	4.07E-03	1.00E-03	9.73E-04	2.33E-04	1.82E-04	4.36E-05	5.28E-05	1.26E-05	1.25E-04	2.99E-05	3.32E-05	3.32E-05	9.30E-01	3.17E-01	1.19E+00	2.98E-01
3601	Gridded	7.25E-05	1.23E-05	1.34E-05	2.59E-06	9.58E-04	1.46E-04	9.61E-04	1.52E-04	8.54E-04	1.69E-04	2.30E-05	3.45E-06	3.83E-03	5.82E-04	3.88E-03	6.70E-04	3.97E-03	9.00E-04	9.59E-04	1.47E-04	1.82E-04	2.73E-05	5.26E-05	7.90E-06	1.24E-04	1.87E-05	2.76E-05	2.76E-05	9.43E-01	2.56E-01	1.31E+00	2.06E-01
3602	Gridded	7.40E-05	1.04E-05	1.40E-05	2.13E-06	9.60E-04	1.32E-04	9.68E-04	1.33E-04	8.97E-04	1.38E-04	2.29E-05	3.17E-06	3.83E-03	5.29E-04	3.97E-03	5.62E-04	3.98E-03	7.93E-04	9.61E-04	1.32E-04	1.82E-04	2.51E-05	5.26E-05	7.25E-06	1.24E-04	1.71E-05	2.11E-05	2.11E-05	8.04E-01	1.74E-01	8.09E-01	1.91E-01
3603	Gridded	7.39E-05	1.35E-05	1.43E-05	2.59E-06	9.51E-04	1.74E-04	9.59E-04	1.76E-04	9.24E-04	1.66E-04	2.28E-05	4.16E-06	3.80E-03	6.97E-04	3.97E-03	7.27E-04	3.74E-03	7.11E-04	9.52E-04	1.75E-04	1.80E-04	3.30E-05	5.22E-05	9.54E-06	1.23E-04	2.25E-05	2.34E-05	2.34E-05	8.84E-01	2.12E-01	8.96E-01	2.44E-01
3604	Gridded	7.28E-05	1.24E-05	1.42E-05	2.47E-06	9.23E-04	1.54E-04	9.38E-04	1.58E-04	9.15E-04	1.59E-04	2.20E-05	3.67E-06	3.68E-03	6.16E-04	3.92E-03	6.69E-04	3.70E-03	7.57E-04	9.26E-04	1.55E-04	1.74E-04	2.91E-05	5.04E-05	8.41E-06	1.19E-04	1.99E-05	2.31E-05	2.31E-05	9.09E-01	2.43E-01	8.72E-01	2.40E-01
3605	Gridded	6.76E-05	8.74E-06	1.29E-05	1.77E-06	8.75E-04	1.11E-04	8.83E-04	1.13E-04	8.23E-04	1.16E-04	2.09E-05	2.64E-06	3.50E-03	4.43E-04	3.63E-03	4.70E-04	3.62E-03	7.56E-04	8.77E-04	1.11E-04	1.65E-04	2.09E-05	4.79E-05	6.06E-06	1.13E-04	1.43E-05	2.13E-05	2.13E-05	6.92E-01	1.85E-01	7.95E-01	1.89E-01
3606	Gridded	5.60E-05	8.56E-06	1.06E-05	1.65E-06	7.38E-04	1.10E-04	7.41E-04	1.11E-04	6.85E-04	1.06E-04	1.77E-05	2.61E-06	2.95E-03	4.38E-04	2.99E-03	4.60E-04	3.66E-03	6.83E-04	7.38E-04	1.10E-04	1.40E-04	2.07E-05	4.05E-05	5.99E-06	9.58E-05	1.42E-05	1.73E-05	1.73E-05	9.64E-01	1.67E-01	1.03E+00	1.89E-01
3607	Gridded	5.57E-05	6.23E-06	1.11E-05	1.29E-06	7.13E-04	7.51E-05	7.22E-04	7.76E-05	7.19E-04	8.39E-05	1.70E-05	1.78E-06	2.85E-03	2.99E-04	3.01E-03	3.38E-04	4.15E-03	5.45E-04	7.15E-04	7.57E-05	1.35E-04	1.41E-05	3.90E-05	4.07E-06	9.21E-05	9.61E-06	1.48E-05	1.48E-05	8.11E-01	2.43E-01	1.37E+00	2.16E-01
3608	Gridded	5.47E-05	6.58E-06	1.09E-05	1.38E-06	6.81E-04	7.88E-05	6.96E-04	8.16E-05	7.06E-04	8.96E-05	1.62E-05	1.86E-06	2.72E-03	3.14E-04	2.96E-03	3.58E-04	3.97E-03	4.27E-04	6.84E-04	7.94E-05	1.28E-04	1.47E-05	3.71E-05	4.26E-06	8.76E-05	1.01E-05	1.44E-05	1.44E-05	7.69E-01	2.82E-01	1.07E+00	2.39E-01
3609	Gridded	5.24E-05	6.37E-06	1.04E-05	1.36E-06	6.54E-04	7.73E-05	6.68E-04	7.87E-05	6.75E-04	8.88E-05	1.55E-05	1.84E-06	2.61E-03	3.09E-04	2.83E-03	3.48E-04	4.07E-03	4.79E-04	6.57E-04	7.76E-05	1.23E-04	1.46E-05	3.56E-05	4.22E-06	8.42E-05	9.96E-06	1.50E-05	1.50E-05	8.34E-01	2.89E-01	1.77E+00	2.24E-01
3610	Gridded	4.57E-05	7.24E-06	9.55E-06	1.40E-06	6.02E-04	9.25E-05	6.03E-04	9.38E-05	6.22E-04	9.00E-05	1.44E-05	2.21E-06	2.41E-03	3.69E-04	2.48E-03	3.89E-04	3.71E-03	4.77E-04	6.02E-04	9.28E-05	1.14E-04	1.75E-05	3.30E-05	5.05E-06	7.81E-05	1.19E-05	1.41E-05	1.41E-05	8.85E-01	2.87E-01	2.22E+00	2.05E-01
3611	Gridded	5.82E-05	6.56E-06	1.11E-05	1.34E-06	7.52E-04	7.99E-05	7.60E-04	8.23E-05	7.09E-04	8.73E-05	1.80E-05	1.89E-06	3.01E-03	3.18E-04	3.12E-03	3.56E-04	3.52E-03	4.26E-04	7.54E-04	8.04E-05	1.42E-04	1.50E-05	4.12E-05	4.33E-06	9.73E-05	1.02E-05	1.33E-05	1.33E-05	8.55E-01	1.95E-01	1.68E+00	1.87E-01
3612	Gridded	5.39E-05	7.26E-06	1.04E-05	1.45E-06	7.06E-04	9.07E-05	7.10E-04	9.26E-05	6.75E-04	9.34E-05	1.69E-05	2.15E-06	2.82E-03	3.62E-04	2.89E-03	3.92E-04	3.72E-03	3.83E-04	7.06E-04	9.11E-05	1.34E-04	1.71E-05	3.87E-05	4.94E-06	9.15E-05	1.17E-05	1.30E-05	1.30E-05	7.34E-01	2.06E-01	9.19E-01	1.58E-01
3613	Gridded	6.02E-05	7.50E-06	1.17E-05	1.53E-06	7.66E-04	9.17E-05	7.78E-04	9.43E-05	7.50E-04	9.94E-05	1.83E-05	2.17E-06	3.06E-03	3.65E-04	3.24E-03	4.07E-04	4.04E-03	4.00E-04	7.69E-04	9.22E-05	1.45E-04	1.72E-05	4.19E-05	4.97E-06	9.89E-05	1.18E-05	1.50E-05	1.50E-05	6.47E-01	1.52E-01	9.25E-01	1.69E-01
3614	Gridded	4.64E-05	6.75E-06	9.80E-06	1.42E-06	6.03E-04	8.04E-05	6.08E-04	8.35E-05	6.40E-04	9.25E-05	1.44E-05	1.90E-06	2.41E-03	3.20E-04	2.52E-03	3.68E-04	4.67E-03	4.55E-04	6.05E-04	8.11E-05	1.14E-04	1.51E-05	3.31E-05	4.36E-06	7.82E-05	1.03E-05	1.50E-05	1.50E-05	7.01E-01	9.57E-02	1.05E+00	1.38E-01
3615	Gridded	5.63E-05	8.31E-06	1.21E-05	1.68E-06	6.81E-04	1.03E-04	6.92E-04	1.05E-04	7.92E-04	1.09E-04	1.62E-05	2.43E-06	2.72E-03	4.09E-04	3.08E-03	4.50E-04	4.49E-03	4.47E-04	6.84E-04	1.03E-04	1.29E-04	1.92E-05	3.72E-05	5.57E-06	8.79E-05	1.32E-05	1.59E-05	1.59E-05	9.49E-01	1.36E-01	1.54E+00	1.00E-01
3616	Gridded	6.72E-05	9.44E-06	1.45E-05	1.94E-06	7.80E-04	1.15E-04	8.17E-04	1.18E-04	9.50E-04	1.26E-04	1.83E-05	2.71E-06	3.10E-03	4.57E-04	3.67E-03	5.12E-04	5.46E-03	5.32E-04	7.88E-04	1.15E-04	1.45E-04	2.15E-05	4.20E-05	6.22E-06	9.92E-05	1.47E-05	1.93E-05	1.93E-05	1.19E+00	1.69E-01	1.62E+00	1.42E-01
3617	Gridded	7.01E-05	9.69E-06	1.51E-05	2.02E-06	8.13E-04	1.16E-04	8.52E-04	1.20E-04	9.91E-04	1.32E-04	1.91E-05	2.74E-06	3.24E-03	4.62E-04	3.83E-03	5.27E-04	5.70E-03	6.27E-04	8.22E-04	1.17E-04	1.51E-04	2.17E-05	4.38E-05	6.27E-06	1.03E-04	1.48E-05	2.12E-05	2.12E-05	1.14E+00	1.76E-01	1.96E+00	1.71E-01
3618	Gridded	6.51E-05	9.26E-06	1.40E-05	1.96E-06	7.58E-04	1.09E-04	7.93E-04	1.14E-04	9.16E-04	1.28E-04	1.78E-05	2.58E-06	3.02E-03	4.36E-04	3.56E-03	5.05E-04	5.18E-03	6.60E-04	7.65E-04	1.10E-04	1.41E-04	2.04E-05	4.08E-05	5.91E-06	9.65E-05	1.40E-05	2.12E-05	2.12E-05	8.63E-01	1.65E-01	1.80E+00	1.80E-01
3619	Gridded	5.48E-05	8.78E-06	1.17E-05	1.85E-06	6.42E-04	1.04E-04	6.70E-04	1.08E-04	7.66E-04	1.21E-04	1.51E-05	2.46E-06	2.56E-03	4.16E-04	2.99E-03	4.78E-04	4.19E-03	6.37E-04	6.48E-04	1.05E-04	1.20E-04	1.95E-05	3.46E-05	5.64E-06	8.18E-05	1.33E-05	1.98E-05	1.98E-05	9.76E-01	1.42E-01	1.44E+00	1.69E-01
3620	Gridded	4.34E-05	9.01E-06	9.37E-06	1.92E-06	5.12E-04	1.06E-04	5.33E-04	1.10E-04	6.16E-04	1.26E-04	1.20E-05	2.49E-06	2.04E-03	4.21E-04	2.37E-03	4.92E-04	3.81E-03	6.78E-04	5.16E-04	1.07E-04	9.54E-05	1.97E-05	2.76E-05	5.71E-06	6.52E-05	1.35E-05	2.12E-05	2.12E-05	1.05E+00	1.24E-01	1.88E+00	1.46E-01
3621	Gridded	4.33E-05	8.75E-06	8.89E-06	1.89E-06	5.25E-04	1.02E-04	5.42E-04	1.06E-04	5.83E-04	1.24E-04	1.24E-05	2.39E-06	2.09E-03	4.05E-04	2.35E-03	4.79E-04	3.61E-03	7.09E-04	5.29E-04	1.03E-04	9.84E-05	1.89E-05	2.85E-05	5.47E-06	6.73E-05	1.29E-05	2.15E-05	2.15E-05	9.86E-01	1.45E-01	2.27E+00	1.23E-01
3622	Gridded	4.64E-05	8.27E-06	9.93E-06	1.80E-06	5.43E-04	9.53E-05	5.67E-04	1.00E-04	6.50E-04	1.18E-04	1.28E-05	2.24E-06	2.16E-03	3.79E-04	2.53E-03	4.53E-04	3.58E-03	7.02E-04	5.48E-04	9.64E-05	1.01E-04	1.77E-05	2.92E-05	5.12E-06	6.91E-05	1.21E-05	2.08E-05	2.08E-05	9.56E-01	1.50E-01	3.26E+00	1.62E-01
3623	Gridded	6.80E-05	9.85E-06	1.36E-05	2.14E-06	8.47E-04	1.14E-04	8.66E-04	1.19E-04	8.76E-04	1.41E-04	2.01E-05	2.66E-06	3.38E-03	4.52E-04	3.67E-03	5.39E-04	3.75E-03	8.42E-04	8.51E-04	1.15E-04	1.59E-04	2.11E-05	4.61E-05	6.10E-06	1.09E-04	1.44E-05	2.49E-05	2.49E-05	6.97E-01	1.42E-01	1.25E+00	1.51E-01
3624	Gridded	5.70E-05	1.04E-05	1.15E-05	2.09E-06	7.14E-04	1.28E-04	7.27E-04	1.32E-04	7.46E-04	1.36E-04	1.70E-05	3.05E-06	2.85E-03	5.12E-04	3.08E-03	5.63E-04	3.87E-03	8.67E-04	7.17E-04	1.29E-04	1.34E-04	2.41E-05	3.89E-05	6.98E-06	9.20E-05	1.65E-05	2.47E-05	2.47E-05	6.97E-01	1.27E-01	1.53E+00	1.58E-01
3625	Gridded	6.29E-05	1.17E-05	1.26E-05	2.38E-06	8.25E-04	1.43E-04	8.29E-04	1.47E-04	8.14E-04	1.54E-04	1.98E-05	3.39E-06	3.30E-03	5.71E-04	3.36E-03	6.33E-04	3.79E-03	8.45E-04	8.26E-04	1.44E-04	1.56E-04	2.68E-05	4.53E-05	7.77E-06	1.07E-04	1.84E-05	2.37E-05	2.37E-05	7.20E-01	1.33E-01	1.69E+00	1.72E-01
3626	Gridded	7.31E-05	1.37E-05	1.38E-05	2.72E-06	9.50E-04	1.72E-04	9.58E-04	1.76E-04	8.86E-04	1.76E-04	2.27E-05	4.09E-06	3.79E-03	6.86E-04	3.92E-03	7.41E-04	4.04E-03	8.44E-04	9.51E-04	1.73E-04	1.80E-04	3.24E-05	5.20E-05	9.37E-06	1.23E-04	2.22E-05	2.61E-05	2.61E-05	7.42E-01	1.42E-01	1.64E+00	1.82E-01
3627	Gridded	7.27E-05	1.59E-05	1.46E-05	3.19E-06	9.03E-04	1.97E-04	9.24E-04	2.02E-04	9.42E-04	2.06E-04	2.14E-05	4.68E-06	3.60E-03	7.86E-04	3.93E-03	8.59E-04	4.18E-03	8.60E-04	9.08E-04	1.98E-04	1.70E-04	3.70E-05	4.91E-05	1.07E-05	1.16E-04	2.53E-05	2.95E-05	2.95E-05	8.11E-01	1.50E-01	1.35E+00	2.60E-01
3628	Gridded	7.96E-05	1.67E-05	1.52E-05	3.36E-06	1.05E-03	2.07E-04	1.05E-03	2.12E-04	9.81E-04	2.17E-04	2.51E-05	4.92E-06	4.19E-03	8.28E-04	4.26E-03	9.05E-04	4.35E-03	9.52E-04	1.05E-03	2.09E-04	1.99E-04	3.90E-05	5.76E-05	1.13E-05	1.36E-04	2.67E-05	3.29E-05	3.29E-05	8.08E-01	2.54E-01	1.02E+00	3.66E-01
3629	Gridded	8.76E-05	1.96E-05	1.62E-05	3.82E-06	1.16E-03	2.49E-04	1.16E-03	2.53E-04	1.03E-03	2.46E-04	2.78E-05	5.93E-06	4.63E-03	9.94E-04	4.68E-03	1.05E-03	4.43E-03	1.00E-03	1.16E-03	2.50E-04	2.20E-04	4.69E-05	6.36E-05	1.36E-05	1.50E-04	3.21E-05	3.39E-05	3.39E-05	8.63E-01	3.29E-01	1.20E+00	3.69E-01
3630	Gridded	8.87E-05	2.06E-05	1.66E-05	4.10E-06	1.16E-03	2.58E-04	1.17E-03	2.63E-04	1.06E-03	2.64E-04	2.77E-05	6.13E-06	4.63E-03	1.03E-03	4.75E-03	1.11E-03	4.22E-03	1.08E-03	1.16E-03	2.59E-04	2.20E-04	4.85E-05	6.36E-05	1.40E-05	1.50E-04	3.32E-05	3.67E-05	3.67E-05	8.52E-01	3.07E-01	1.28E+00	3.11E-01
3631	Gridded	7.91E-05	1.61E-05	1.46E-05	3.33E-06	1.05E-03	1.94E-04	1.05E-03	2.01E-04	9.30E-04	2.17E-04	2.51E-05	4.60E-06	4.19E-03	7.75E-04	4.23E-03	8.75E-04	4.04E-03	1.01E-03	1.05E-03	1.96E-04	1.99E-04	3.64E-05	5.75E-05	1.05E-05	1.36E-04	2.49E-05	3.39E-05	3.39E-05	8.88E-01	2.68E-01	1.27E+00	2.38E-01
3632	Gridded	5.82E-05	9.97E-06	1.13E-05	2.04E-06	7.58E-04	1.21E-04	7.64E-04	1.25E-04	7.32E-04	1.33E-04	1.81E-05	2.88E-06	3.03E-03	4.84E-04	3.12E-03	5.41E-04	4.10E-03	9.14E-04	7.59E-04	1.22E-04	1.44E-04	2.28E-05	4.15E-05	6.61E-06	9.82E-05	1.56E-05	2.48E-05	2.48E-05	8.48E-01	1.84E-01	1.03E+00	1.78E-01
3633	Gridded	7.66E-05	1.28E-05	1.46E-05	2.44E-06	9.87E-04	1.65E-04	9.98E-04	1.67E-04	9.38E-04	1.56E-04	2.36E-05	3.95E-06	3.94E-03	6.61E-04	4.11E-03	6.87E-04	3.91E-03	8.00E-04	9.90E-04	1.66E-04	1.87E-04	3.13E-05	5.40E-05	9.05E-06	1.28E-04	2.14E-05	2.36E-05	2.36E-05	8.56E-01	1.64E-01	8.92E-01	2.12E-01
3634	Gridded	7.34E-05	1.45E-05	1.40E-05	2.84E-06	9.46E-04	1.83E-04	9.56E-04	1.86E-04	8.99E-04	1.83E-04	2.26E-05	4.36E-06	3.78E-03	7.32E-04	3.94E-03	7.81E-04	3.73E-03	7.96E-04	9.48E-04	1.84E-04	1.79E-04	3.45E-05	5.17E-05	1.00E-05	1.22E-04	2.36E-05	2.46E-05	2.46E-05	8.89E-01	2.25E-01	8.73E-01	2.46E-01
3635	Gridded	6.26E-05	1.19E-05	1.26E-05	2.44E-06	8.16E-04	1.44E-04	8.20E-04	1.48E-04	8.18E-04	1.59E-04	1.95E-05	3.40E-06	3.26E-03	5.73E-04	3.39E-03	6.44E-04	3.74E-03	8.16E-04	8.17E-04	1.45E-04	1.55E-04	2.69E-05	4.47E-05	7.80E-06	1.06E-04	1.84E-05	2.45E-05	2.45E-05	7.97E-01	2.29E-01	7.94E-01	2.18E-01
3636	Gridded	6.41E-05	9.38E-06	1.25E-05	1.88E-06	8.16E-04	1.17E-04	8.28E-04	1.20E-04	8.01E-04	1.23E-04	1.94E-05	2.78E-06	3.26E-03	4.67E-04	3.45E-03	5.06E-04	3.51E-03	8.02E-04	8.18E-04	1.18E-04	1.54E-04	2.20E-05	4.46E-05	6.37E-06	1.05E-04	1.51E-05	2.20E-05	2.20E-05	6.88E-01	1.63E-01	7.34E-01	1.91E-01
3637	Gridded	5.88E-05	9.16E-06	1.10E-05	1.79E-06	7.70E-04	1.16E-04	7.74E-04	1.18E-04	7.02E-04	1.15E-04	1.84E-05	2.77E-06	3.08E-03	4.64E-04	3.14E-03	4.93E-04	4.00E-03	7.06E-04	7.71E-04	1.17E-04	1.46E-04	2.19E-05	4.22E-05	6.34E-06	9.98E-05	1.50E-05	1.93E-05	1.93E-05	8.99E-01	1.54E-01	1.04E+00	1.77E-01
3638	Gridded	5.68E-05	6.76E-06	1.11E-05	1.41E-06	7.20E-04	8.10E-05	7.32E-04	8.39E-05	7.14E-04	9.19E-05	1.72E-05	1.91E-06	2.88E-03	3.23E-04	3.06E-03	3.68E-04	4.00E-03	6.19E-04	7.23E-04	8.16E-05	1.36E-04	1.51E-05	3.93E-05	4.38E-06	9.29E-05	1.04E-05	1.64E-05	1.64E-05	8.03E-01	2.43E-01	1.33E+00	2.21E-01
3639	Gridded	5.18E-05	6.12E-06	1.05E-05	1.29E-06	6.39E-04	7.24E-05	6.55E-04	7.53E-05	6.77E-04	8.44E-05	1.51E-05	1.72E-06	2.55E-03	2.89E-04	2.80E-03	3.33E-04	3.69E-03	4.76E-04	6.42E-04	7.30E-05	1.20E-04	1.36E-05	3.47E-05	3.93E-06	8.21E-05	9.29E-06	1.40E-05	1.40E-05	7.73E-01	2.78E-01	1.09E+00	2.42E-01
3640	Gridded	4.98E-05	7.00E-06	9.99E-06	1.37E-06	6.18E-04	8.84E-05	6.33E-04	8.99E-05	6.46E-04	8.84E-05	1.47E-05	2.10E-06	2.47E-03	3.53E-04	2.69E-03	3.77E-04	3.84E-03	4.83E-04	6.22E-04	8.87E-05	1.16E-04	1.67E-05	3.36E-05	4.82E-06	7.95E-05	1.14E-05	1.47E-05	1.47E-05	7.96E-01	2.89E-01	1.67E+00	2.29E-01
3641	Gridded	4.63E-05	7.64E-06	9.72E-06	1.47E-06	5.93E-04	9.81E-05	6.00E-04	9.93E-05	6.34E-04	9.42E-05	1.41E-05	2.34E-06	2.37E-03	3.92E-04	2.52E-03	4.10E-04	3.56E-03	4.89E-04	5.94E-04	9.83E-05	1.12E-04	1.85E-05	3.24E-05	5.36E-06	7.66E-05	1.27E-05	1.42E-05	1.42E-05	8.84E-01	2.78E-01	2.15E+00	2.04E-01
3642	Gridded	5.97E-05	7.36E-06	1.13E-05	1.49E-06	7.74E-04	9.06E-05	7.81E-04	9.30E-05	7.25E-04	9.66E-05	1.85E-05	2.15E-06	3.09E-03	3.61E-04	3.20E-03	3.99E-04	3.25E-03	4.49E-04	7.76E-04	9.11E-05	1.47E-04	1.70E-05	4.24E-05	4.92E-06	1.00E-04	1.16E-05	1.42E-05	1.42E-05	8.15E-01	2.18E-01	1.77E+00	2.03E-01
3643	Gridded	5.69E-05	6.83E-06	1.16E-05	1.37E-06	6.96E-04	8.49E-05	7.16E-04	8.68E-05	7.53E-04	8.83E-05	1.65E-05	2.02E-06	2.77E-03	3.39E-04	3.09E-03	3.69E-04	3.91E-03	4.30E-04	7.00E-04	8.53E-05	1.30E-04	1.60E-05	3.78E-05	4.62E-06	8.92E-05	1.09E-05	1.35E-05	1.35E-05	7.52E-01	1.95E-01	9.62E-01	1.59E-01
3644	Gridded	6.10E-05	7.48E-06	1.19E-05	1.53E-06	7.81E-04	9.11E-05	7.91E-04	9.39E-05	7.80E-04	9.94E-05	1.86E-05	2.16E-06	3.12E-03	3.63E-04	3.28E-03	4.06E-04	4.43E-03	4.07E-04	7.83E-04	9.17E-05	1.48E-04	1.71E-05	4.27E-05	4.94E-06	1.01E-04	1.17E-05	1.51E-05	1.51E-05	6.94E-01	1.78E-01	8.33E-01	1.78E-01
3645	Gridded	5.37E-05	7.22E-06	1.09E-05	1.51E-06	6.63E-04	8.61E-05	6.80E-04	8.93E-05	7.20E-04	9.86E-05	1.57E-05	2.03E-06	2.65E-03	3.43E-04	2.91E-03	3.93E-04	5.23E-03	4.79E-04	6.67E-04	8.68E-05	1.25E-04	1.61E-05	3.60E-05	4.65E-06	8.52E-05	1.10E-05	1.60E-05	1.60E-05	6.57E-01	1.09E-01	9.59E-01	1.48E-01
3646	Gridded	5.23E-05	6.59E-06	1.13E-05	1.35E-06	6.36E-04	8.13E-05	6.44E-04	8.34E-05	7.43E-04	8.86E-05	1.52E-05	1.93E-06	2.54E-03	3.24E-04	2.86E-03	3.57E-04	5.20E-03	4.99E-04	6.38E-04	8.18E-05	1.20E-04	1.53E-05	3.47E-05	4.42E-06	8.21E-05	1.05E-05	1.52E-05	1.52E-05	6.91E-01	9.86E-02	1.21E+00	1.11E-01
3647	Gridded	6.55E-05	8.19E-06	1.42E-05	1.67E-06	7.56E-04	1.00E-04	7.93E-04	1.03E-04	9.34E-04	1.09E-04	1.77E-05	2.37E-06	3.01E-03	3.99E-04	3.59E-03	4.44E-04	5.58E-03	4.60E-04	7.64E-04	1.01E-04	1.40E-04	1.87E-05	4.06E-05	5.43E-06	9.60E-05	1.28E-05	1.64E-05	1.64E-05	1.04E+00	1.42E-01	1.61E+00	1.13E-01
3648	Gridded	7.24E-05	9.18E-06	1.57E-05	1.90E-06	8.36E-04	1.11E-04	8.77E-04	1.14E-04	1.03E-03	1.24E-04	1.96E-05	2.61E-06	3.33E-03	4.41E-04	3.97E-03	4.99E-04	6.13E-03	5.60E-04	8.45E-04	1.11E-04	1.55E-04	2.07E-05	4.49E-05	5.99E-06	1.06E-04	1.42E-05	1.95E-05	1.95E-05	1.18E+00	1.62E-01	1.70E+00	1.55E-01
3649	Gridded	7.22E-05	9.31E-06	1.56E-05	1.96E-06	8.36E-04	1.11E-04	8.76E-04	1.15E-04	1.02E-03	1.28E-04	1.96E-05	2.61E-06	3.33E-03	4.40E-04	3.95E-03	5.07E-04	5.96E-03	6.39E-04	8.45E-04	1.12E-04	1.55E-04	2.06E-05	4.50E-05	5.97E-06	1.06E-04	1.41E-05	2.09E-05	2.09E-05	1.05E+00	1.66E-01	1.83E+00	1.77E-01
3650	Gridded	6.58E-05	8.74E-06	1.41E-05	1.87E-06	7.66E-04	1.02E-04	8.01E-04	1.07E-04	9.26E-04	1.22E-04	1.80E-05	2.41E-06	3.05E-03	4.08E-04	3.59E-03	4.77E-04	5.22E-03	6.65E-04	7.74E-04	1.03E-04	1.43E-04	1.91E-05	4.13E-05	5.52E-06	9.75E-05	1.31E-05	2.07E-05	2.07E-05	8.00E-01	1.56E-01	1.60E+00	1.81E-01
3651	Gridded	5.52E-05	7.86E-06	1.18E-05	1.70E-06	6.47E-04	9.15E-05	6.76E-04	9.56E-05	7.72E-04	1.11E-04	1.52E-05	2.15E-06	2.58E-03	3.64E-04	3.02E-03	4.30E-04	4.22E-03	6.38E-04	6.53E-04	9.24E-05	1.21E-04	1.70E-05	3.49E-05	4.93E-06	8.25E-05	1.17E-05	1.93E-05	1.93E-05	9.81E-01	1.35E-01	1.48E+00	1.66E-01
3652	Gridded	4.52E-05	7.93E-06	9.90E-06	1.71E-06	5.18E-04	9.22E-05	5.45E-04	9.65E-05	6.50E-04	1.12E-04	1.21E-05	2.17E-06	2.06E-03	3.67E-04	2.48E-03	4.33E-04	4.01E-03	6.35E-04	5.24E-04	9.32E-05	9.61E-05	1.72E-05	2.78E-05	4.97E-06	6.58E-05	1.17E-05	1.93E-05	1.93E-05	1.04E+00	1.17E-01	1.86E+00	1.39E-01
3653	Gridded	4.29E-05	7.85E-06	9.42E-06	1.70E-06	5.12E-04	9.09E-05	5.20E-04	9.52E-05	6.19E-04	1.11E-04	1.22E-05	2.13E-06	2.05E-03	3.62E-04	2.35E-03	4.29E-04	3.88E-03	6.51E-04	5.14E-04	9.18E-05	9.66E-05	1.69E-05	2.80E-05	4.89E-06	6.61E-05	1.16E-05	1.95E-05	1.95E-05	9.84E-01	1.34E-01	2.04E+00	1.17E-01
3654	Gridded	5.51E-05	1.02E-05	1.11E-05	2.07E-06	6.85E-04	1.25E-04	7.00E-04	1.28E-04	7.21E-04	1.34E-04	1.63E-05	2.95E-06	2.73E-03	4.97E-04	2.98E-03	5.51E-04	3.90E-03	8.35E-04	6.88E-04	1.25E-04	1.29E-04	2.34E-05	3.73E-05	6.77E-06	8.81E-05	1.60E-05	2.38E-05	2.38E-05	6.49E-01	1.21E-01	1.41E+00	1.50E-01
3655	Gridded	6.44E-05	1.10E-05	1.21E-05	2.26E-06	8.42E-04	1.35E-04	8.47E-04	1.37E-04	7.73E-04	1.47E-04	2.01E-05	3.20E-06	3.36E-03	5.37E-04	3.45E-03	5.96E-04	3.80E-03	8.16E-04	8.43E-04	1.35E-04	1.59E-04	2.53E-05	4.61E-05	7.33E-06	1.09E-04	1.73E-05	2.26E-05	2.26E-05	6.73E-01	1.28E-01	1.53E+00	1.58E-01
3656	Gridded	7.24E-05	1.29E-05	1.38E-05	2.58E-06	9.35E-04	1.60E-04	9.44E-04	1.64E-04	8.86E-04	1.67E-04	2.23E-05	3.81E-06	3.73E-03	6.40E-04	3.89E-03	6.97E-04	3.87E-03	7.85E-04	9.37E-04	1.61E-04	1.77E-04	3.02E-05	5.12E-05	8.73E-06	1.21E-04	2.06E-05	2.46E-05	2.46E-05	6.84E-01	1.30E-01	1.51E+00	1.67E-01
3657	Gridded	6.38E-05	1.46E-05	1.29E-05	2.96E-06	8.08E-04	1.80E-04	8.13E-04	1.85E-04	8.36E-04	1.92E-04	1.93E-05	4.27E-06	3.23E-03	7.18E-04	3.45E-03	7.92E-04	3.93E-03	8.14E-04	8.09E-04	1.81E-04	1.53E-04	3.38E-05	4.43E-05	9.78E-06	1.05E-04	2.31E-05	2.81E-05	2.81E-05	7.35E-01	1.35E-01	1.31E+00	2.36E-01
3658	Gridded	7.77E-05	1.60E-05	1.45E-05	3.23E-06	1.02E-03	1.98E-04	1.03E-03	2.03E-04	9.23E-04	2.09E-04	2.44E-05	4.69E-06	4.08E-03	7.88E-04	4.16E-03	8.67E-04	4.13E-03	9.06E-04	1.02E-03	1.99E-04	1.93E-04	3.71E-05	5.60E-05	1.07E-05	1.32E-04	2.54E-05	3.15E-05	3.15E-05	7.45E-01	2.28E-01	9.73E-01	3.45E-01
3659	Gridded	8.15E-05	1.91E-05	1.51E-05	3.75E-06	1.07E-03	2.42E-04	1.08E-03	2.46E-04	9.62E-04	2.41E-04	2.58E-05	5.77E-06	4.30E-03	9.68E-04	4.35E-03	1.03E-03	4.37E-03	1.00E-03	1.08E-03	2.43E-04	2.04E-04	4.57E-05	5.90E-05	1.32E-05	1.40E-04	3.13E-05	3.47E-05	3.47E-05	8.16E-01	3.13E-01	1.13E+00	3.87E-01
3660	Gridded	9.58E-05	2.15E-05	1.80E-05	4.26E-06	1.25E-03	2.68E-04	1.26E-03	2.74E-04	1.15E-03	2.75E-04	2.99E-05	6.37E-06	5.00E-03	1.07E-03	5.13E-03	1.16E-03	4.26E-03	1.12E-03	1.25E-03	2.69E-04	2.37E-04	5.05E-05	6.86E-05	1.46E-05	1.62E-04	3.45E-05	3.82E-05	3.82E-05	8.16E-01	3.18E-01	1.31E+00	3.17E-01
3661	Gridded	7.75E-05	1.87E-05	1.43E-05	3.82E-06	1.03E-03	2.27E-04	1.03E-03	2.34E-04	9.11E-04	2.48E-04	2.46E-05	5.37E-06	4.10E-03	9.05E-04	4.14E-03	1.01E-03	4.05E-03	1.08E-03	1.03E-03	2.29E-04	1.95E-04	4.25E-05	5.64E-05	1.23E-05	1.33E-04	2.91E-05	3.78E-05	3.78E-05	8.29E-01	2.68E-01	1.24E+00	2.62E-01
3662	Gridded	7.52E-05	1.21E-05	1.42E-05	2.63E-06	9.80E-04	1.39E-04	9.87E-04	1.46E-04	9.04E-04	1.72E-04	2.34E-05	3.26E-06	3.92E-03	5.52E-04	4.03E-03	6.61E-04	4.15E-03	1.04E-03	9.82E-04	1.40E-04	1.86E-04	2.58E-05	5.37E-05	7.46E-06	1.27E-04	1.76E-05	3.05E-05	3.05E-05	8.19E-01	1.99E-01	1.11E+00	1.88E-01
3663	Gridded	6.43E-05	1.09E-05	1.22E-05	2.21E-06	8.32E-04	1.35E-04	8.40E-04	1.38E-04	7.82E-04	1.43E-04	1.99E-05	3.20E-06	3.32E-03	5.38E-04	3.45E-03	5.92E-04	4.09E-03	8.52E-04	8.34E-04	1.36E-04	1.57E-04	2.53E-05	4.56E-05	7.34E-06	1.08E-04	1.73E-05	2.23E-05	2.23E-05	7.55E-01	1.54E-01	8.12E-01	1.81E-01
3664	Gridded	7.27E-05	1.41E-05	1.43E-05	2.74E-06	9.18E-04	1.80E-04	9.34E-04	1.82E-04	9.18E-04	1.76E-04	2.19E-05	4.28E-06	3.66E-03	7.18E-04	3.92E-03	7.59E-04	4.16E-03	7.85E-04	9.21E-04	1.80E-04	1.73E-04	3.39E-05	5.01E-05	9.82E-06	1.18E-04	2.32E-05	2.53E-05	2.53E-05	8.25E-01	1.86E-01	8.38E-01	2.27E-01
3665	Gridded	6.83E-05	1.43E-05	1.34E-05	2.87E-06	8.63E-04	1.76E-04	8.78E-04	1.81E-04	8.63E-04	1.86E-04	2.06E-05	4.18E-06	3.45E-03	7.03E-04	3.68E-03	7.71E-04	3.85E-03	8.28E-04	8.67E-04	1.77E-04	1.63E-04	3.31E-05	4.71E-05	9.58E-06	1.11E-04	2.27E-05	2.69E-05	2.69E-05	8.96E-01	2.27E-01	9.05E-01	2.45E-01
3666	Gridded	6.52E-05	1.10E-05	1.24E-05	2.34E-06	8.43E-04	1.30E-04	8.51E-04	1.35E-04	7.96E-04	1.53E-04	2.01E-05	3.08E-06	3.37E-03	5.17E-04	3.50E-03	6.00E-04	3.68E-03	8.46E-04	8.45E-04	1.31E-04	1.59E-04	2.44E-05	4.62E-05	7.07E-06	1.09E-04	1.67E-05	2.56E-05	2.56E-05	7.89E-01	2.12E-01	8.28E-01	2.00E-01
3667	Gridded	6.08E-05	9.64E-06	1.23E-05	2.03E-06	7.58E-04	1.19E-04	7.75E-04	1.21E-04	8.01E-04	1.33E-04	1.80E-05	2.84E-06	3.03E-03	4.75E-04	3.29E-03	5.25E-04	4.06E-03	8.24E-04	7.62E-04	1.19E-04	1.43E-04	2.25E-05	4.13E-05	6.51E-06	9.76E-05	1.54E-05	2.22E-05	2.22E-05	7.48E-01	1.54E-01	7.28E-01	1.91E-01
3668	Gridded	5.97E-05	9.77E-06	1.16E-05	1.93E-06	7.75E-04	1.23E-04	7.82E-04	1.25E-04	7.61E-04	1.25E-04	1.85E-05	2.91E-06	3.10E-03	4.89E-04	3.20E-03	5.27E-04	4.70E-03	7.33E-04	7.76E-04	1.23E-04	1.47E-04	2.31E-05	4.25E-05	6.68E-06	1.00E-04	1.58E-05	2.10E-05	2.10E-05	8.12E-01	1.55E-01	1.03E+00	1.71E-01
3669	Gridded	5.67E-05	7.30E-06	1.13E-05	1.54E-06	7.09E-04	8.87E-05	7.24E-04	9.14E-05	7.28E-04	1.00E-04	1.69E-05	2.10E-06	2.83E-03	3.54E-04	3.06E-03	3.97E-04	4.50E-03	6.72E-04	7.12E-04	8.93E-05	1.33E-04	1.66E-05	3.86E-05	4.81E-06	9.13E-05	1.14E-05	1.75E-05	1.75E-05	7.78E-01	2.41E-01	1.31E+00	2.25E-01
3670	Gridded	4.95E-05	6.14E-06	9.84E-06	1.29E-06	6.28E-04	7.53E-05	6.38E-04	7.74E-05	6.38E-04	8.44E-05	1.50E-05	1.78E-06	2.51E-03	3.00E-04	2.67E-03	3.32E-04	3.63E-03	5.35E-04	6.30E-04	7.58E-05	1.18E-04	1.41E-05	3.43E-05	4.09E-06	8.10E-05	9.67E-06	1.53E-05	1.53E-05	7.70E-01	2.73E-01	1.13E+00	2.43E-01
3671	Gridded	4.67E-05	7.95E-06	9.61E-06	1.56E-06	5.75E-04	1.00E-04	5.90E-04	1.02E-04	6.29E-04	1.01E-04	1.36E-05	2.39E-06	2.29E-03	4.00E-04	2.53E-03	4.28E-04	3.42E-03	4.57E-04	5.78E-04	1.01E-04	1.08E-04	1.89E-05	3.12E-05	5.47E-06	7.38E-05	1.29E-05	1.41E-05	1.41E-05	7.87E-01	2.91E-01	1.56E+00	2.38E-01
3672	Gridded	4.68E-05	7.96E-06	9.55E-06	1.53E-06	5.98E-04	1.02E-04	6.06E-04	1.03E-04	6.23E-04	9.79E-05	1.43E-05	2.44E-06	2.39E-03	4.09E-04	2.52E-03	4.27E-04	3.51E-03	4.69E-04	6.00E-04	1.03E-04	1.13E-04	1.93E-05	3.27E-05	5.59E-06	7.73E-05	1.32E-05	1.42E-05	1.42E-05	8.56E-01	2.62E-01	2.06E+00	1.99E-01
3673	Gridded	5.59E-05	7.85E-06	1.06E-05	1.58E-06	7.25E-04	9.68E-05	7.31E-04	9.93E-05	6.79E-04	1.03E-04	1.73E-05	2.30E-06	2.90E-03	3.86E-04	3.00E-03	4.25E-04	3.35E-03	4.43E-04	7.26E-04	9.74E-05	1.37E-04	1.82E-05	3.97E-05	5.26E-06	9.38E-05	1.24E-05	1.50E-05	1.50E-05	7.56E-01	2.30E-01	1.84E+00	2.12E-01
3674	Gridded	6.09E-05	6.75E-06	1.24E-05	1.38E-06	7.46E-04	8.24E-05	7.67E-04	8.48E-05	8.02E-04	9.05E-05	1.77E-05	1.95E-06	2.98E-03	3.29E-04	3.30E-03	3.66E-04	4.22E-03	4.75E-04	7.51E-04	8.29E-05	1.40E-04	1.54E-05	4.05E-05	4.47E-06	9.58E-05	1.06E-05	1.51E-05	1.51E-05	7.95E-01	1.70E-01	1.11E+00	1.59E-01
3675	Gridded	6.19E-05	7.11E-06	1.32E-05	1.46E-06	7.28E-04	8.65E-05	7.59E-04	8.92E-05	8.60E-04	9.48E-05	1.71E-05	2.05E-06	2.90E-03	3.45E-04	3.38E-03	3.86E-04	4.62E-03	4.40E-04	7.35E-04	8.71E-05	1.36E-04	1.62E-05	3.93E-05	4.69E-06	9.29E-05	1.11E-05	1.45E-05	1.45E-05	7.04E-01	1.89E-01	7.50E-01	1.76E-01
3676	Gridded	5.79E-05	7.33E-06	1.25E-05	1.53E-06	7.21E-04	8.76E-05	7.37E-04	9.08E-05	8.26E-04	9.99E-05	1.71E-05	2.07E-06	2.88E-03	3.49E-04	3.13E-03	3.99E-04	5.63E-03	4.79E-04	7.24E-04	8.83E-05	1.36E-04	1.64E-05	3.92E-05	4.74E-06	9.27E-05	1.12E-05	1.61E-05	1.61E-05	5.90E-01	1.27E-01	9.21E-01	1.56E-01
3677	Gridded	4.77E-05	6.88E-06	1.10E-05	1.47E-06	5.53E-04	8.07E-05	5.76E-04	8.42E-05	7.31E-04	9.60E-05	1.32E-05	1.90E-06	2.21E-03	3.21E-04	2.62E-03	3.75E-04	5.81E-03	5.20E-04	5.55E-04	8.14E-05	1.04E-04	1.50E-05	3.02E-05	4.35E-06	7.13E-05	1.03E-05	1.63E-05	1.63E-05	5.69E-01	8.98E-02	1.00E+00	1.24E-01
3678	Gridded	6.22E-05	6.74E-06	1.36E-05	1.37E-06	7.14E-04	8.26E-05	7.50E-04	8.49E-05	8.93E-04	8.90E-05	1.67E-05	1.96E-06	2.84E-03	3.29E-04	3.41E-03	3.65E-04	5.47E-03	5.12E-04	7.22E-04	8.31E-05	1.32E-04	1.55E-05	3.83E-05	4.48E-06	9.06E-05	1.06E-05	1.50E-05	1.50E-05	8.04E-01	1.12E-01	1.38E+00	8.99E-02
3679	Gridded	7.26E-05	8.08E-06	1.58E-05	1.67E-06	8.34E-04	9.78E-05	8.77E-04	1.01E-04	1.04E-03	1.08E-04	1.96E-05	2.31E-06	3.32E-03	3.90E-04	3.98E-03	4.39E-04	6.33E-03	4.96E-04	8.44E-04	9.85E-05	1.55E-04	1.83E-05	4.48E-05	5.30E-06	1.06E-04	1.25E-05	1.68E-05	1.68E-05	1.05E+00	1.44E-01	1.59E+00	1.32E-01
3680	Gridded	7.64E-05	8.66E-06	1.66E-05	1.82E-06	8.80E-04	1.03E-04	9.24E-04	1.07E-04	1.09E-03	1.18E-04	2.07E-05	2.44E-06	3.50E-03	4.11E-04	4.18E-03	4.72E-04	6.51E-03	5.79E-04	8.90E-04	1.04E-04	1.63E-04	1.93E-05	4.73E-05	5.58E-06	1.12E-04	1.32E-05	1.92E-05	1.92E-05	1.10E+00	1.57E-01	1.67E+00	1.62E-01
3681	Gridded	7.36E-05	8.56E-06	1.59E-05	1.82E-06	8.51E-04	1.01E-04	8.93E-04	1.05E-04	1.04E-03	1.19E-04	2.00E-05	2.37E-06	3.39E-03	4.00E-04	4.03E-03	4.67E-04	6.12E-03	6.42E-04	8.61E-04	1.02E-04	1.58E-04	1.87E-05	4.58E-05	5.42E-06	1.08E-04	1.28E-05	2.01E-05	2.01E-05	9.58E-01	1.59E-01	1.72E+00	1.77E-01
3682	Gridded	6.58E-05	8.01E-06	1.42E-05	1.73E-06	7.63E-04	9.30E-05	7.99E-04	9.74E-05	9.30E-04	1.13E-04	1.79E-05	2.19E-06	3.04E-03	3.70E-04	3.60E-03	4.38E-04	5.36E-03	6.48E-04	7.71E-04	9.40E-05	1.42E-04	1.73E-05	4.11E-05	5.01E-06	9.71E-05	1.18E-05	1.96E-05	1.96E-05	8.12E-01	1.48E-01	1.48E+00	1.77E-01

Scenario 1 Results

3683	Gridded	5.53E-05	7.32E-06	1.19E-05	1.59E-06	6.44E-04	8.46E-05	6.74E-04	8.87E-05	7.78E-04	1.04E-04	1.51E-05	1.99E-06	2.56E-03	3.37E-04	3.02E-03	4.01E-04	4.38E-03	6.13E-04	6.51E-04	8.55E-05	1.20E-04	1.57E-05	3.47E-05	4.55E-06	8.20E-05	1.08E-05	1.83E-05	1.83E-05	9.69E-01	1.28E-01	1.47E+00	1.60E-01
3684	Gridded	4.65E-05	7.16E-06	1.02E-05	1.54E-06	5.29E-04	8.33E-05	5.57E-04	8.71E-05	6.72E-04	1.01E-04	1.24E-05	1.96E-06	2.10E-03	3.31E-04	2.55E-03	3.92E-04	4.27E-03	5.77E-04	5.35E-04	8.41E-05	9.80E-05	1.55E-05	2.84E-05	4.48E-06	6.70E-05	1.06E-05	1.75E-05	1.75E-05	1.02E+00	1.10E-01	1.80E+00	1.34E-01
3685	Gridded	6.39E-05	1.05E-05	1.21E-05	2.15E-06	8.32E-04	1.30E-04	8.38E-04	1.33E-04	7.71E-04	1.40E-04	1.99E-05	3.09E-06	3.32E-03	5.20E-04	3.42E-03	5.66E-04	3.67E-03	7.63E-04	8.33E-04	1.31E-04	1.57E-04	2.45E-05	4.56E-05	7.09E-06	1.08E-04	1.68E-05	2.19E-05	2.19E-05	6.23E-01	1.22E-01	1.44E+00	1.47E-01
3686	Gridded	6.95E-05	1.24E-05	1.33E-05	2.48E-06	8.92E-04	1.53E-04	9.03E-04	1.57E-04	8.56E-04	1.60E-04	2.13E-05	3.63E-06	3.56E-03	6.11E-04	3.73E-03	6.68E-04	3.77E-03	7.50E-04	8.95E-04	1.54E-04	1.69E-04	2.88E-05	4.88E-05	8.33E-06	1.15E-04	1.97E-05	2.37E-05	2.37E-05	6.34E-01	1.23E-01	1.40E+00	1.51E-01
3687	Gridded	6.00E-05	1.36E-05	1.19E-05	2.76E-06	7.66E-04	1.66E-04	7.72E-04	1.71E-04	7.73E-04	1.79E-04	1.83E-05	3.94E-06	3.06E-03	6.63E-04	3.24E-03	7.35E-04	3.79E-03	7.76E-04	7.67E-04	1.67E-04	1.45E-04	3.12E-05	4.20E-05	9.02E-06	9.93E-05	2.13E-05	2.67E-05	2.67E-05	6.72E-01	1.22E-01	1.23E+00	2.12E-01
3688	Gridded	7.25E-05	1.48E-05	1.36E-05	3.01E-06	9.49E-04	1.82E-04	9.55E-04	1.87E-04	8.66E-04	1.95E-04	2.27E-05	4.32E-06	3.79E-03	7.27E-04	3.88E-03	8.03E-04	3.89E-03	8.43E-04	9.50E-04	1.83E-04	1.80E-04	3.42E-05	5.21E-05	9.90E-06	1.23E-04	2.34E-05	2.94E-05	2.94E-05	6.67E-01	1.99E-01	9.61E-01	3.08E-01
3689	Gridded	7.55E-05	1.74E-05	1.44E-05	3.42E-06	9.74E-04	2.20E-04	9.84E-04	2.24E-04	9.25E-04	2.21E-04	2.33E-05	5.23E-06	3.89E-03	8.77E-04	4.05E-03	9.39E-04	4.10E-03	9.62E-04	9.76E-04	2.21E-04	1.84E-04	4.14E-05	5.33E-05	1.20E-05	1.26E-04	2.83E-05	3.34E-05	3.34E-05	7.27E-01	2.78E-01	1.01E+00	3.64E-01
3690	Gridded	9.20E-05	2.09E-05	1.73E-05	4.16E-06	1.20E-03	2.60E-04	1.21E-03	2.66E-04	1.11E-03	2.69E-04	2.87E-05	6.18E-06	4.80E-03	1.04E-03	4.93E-03	1.13E-03	4.07E-03	1.12E-03	1.20E-03	2.62E-04	2.28E-04	4.89E-05	6.59E-05	1.42E-05	1.56E-04	3.35E-05	3.76E-05	3.76E-05	7.66E-01	3.07E-01	1.25E+00	3.28E-01
3691	Gridded	7.69E-05	1.99E-05	1.49E-05	4.06E-06	9.79E-04	2.43E-04	9.93E-04	2.50E-04	9.60E-04	2.64E-04	2.33E-05	5.75E-06	3.91E-03	9.69E-04	4.14E-03	1.08E-03	3.92E-03	1.12E-03	9.82E-04	2.45E-04	1.85E-04	4.55E-05	5.35E-05	1.32E-05	1.26E-04	3.12E-05	3.97E-05	3.97E-05	7.72E-01	2.58E-01	1.31E+00	2.72E-01
3692	Gridded	8.25E-05	1.47E-05	1.55E-05	3.13E-06	1.08E-03	1.72E-04	1.09E-03	1.80E-04	9.87E-04	2.05E-04	2.58E-05	4.05E-06	4.31E-03	6.86E-04	4.42E-03	8.01E-04	4.13E-03	1.11E-03	1.08E-03	1.74E-04	2.05E-04	3.21E-05	5.92E-05	9.29E-06	1.40E-04	2.20E-05	3.47E-05	3.47E-05	7.40E-01	2.12E-01	1.13E+00	2.00E-01
3693	Gridded	5.77E-05	9.72E-06	1.13E-05	2.00E-06	7.30E-04	1.20E-04	7.43E-04	1.23E-04	7.28E-04	1.30E-04	1.74E-05	2.83E-06	2.91E-03	4.77E-04	3.11E-03	5.26E-04	4.20E-03	9.70E-04	7.33E-04	1.20E-04	1.38E-04	2.24E-05	3.98E-05	6.50E-06	9.42E-05	1.54E-05	2.51E-05	2.51E-05	7.14E-01	1.61E-01	8.27E-01	1.64E-01
3694	Gridded	6.78E-05	1.21E-05	1.31E-05	2.40E-06	8.66E-04	1.56E-04	8.78E-04	1.58E-04	8.43E-04	1.56E-04	2.07E-05	3.71E-06	3.46E-03	6.21E-04	3.65E-03	6.52E-04	4.42E-03	8.02E-04	8.69E-04	1.56E-04	1.64E-04	2.94E-05	4.73E-05	8.50E-06	1.12E-04	2.01E-05	2.34E-05	2.34E-05	7.49E-01	1.46E-01	8.56E-01	1.90E-01
3695	Gridded	6.62E-05	1.46E-05	1.33E-05	2.89E-06	8.16E-04	1.83E-04	8.37E-04	1.87E-04	8.64E-04	1.86E-04	1.94E-05	4.36E-06	3.26E-03	7.31E-04	3.58E-03	7.88E-04	4.24E-03	8.17E-04	8.21E-04	1.84E-04	1.53E-04	3.45E-05	4.44E-05	9.98E-06	1.05E-04	2.36E-05	2.70E-05	2.70E-05	8.26E-01	1.95E-01	8.41E-01	2.35E-01
3696	Gridded	6.21E-05	1.33E-05	1.25E-05	2.74E-06	7.67E-04	1.60E-04	7.86E-04	1.65E-04	8.12E-04	1.78E-04	1.82E-05	3.79E-06	3.06E-03	6.39E-04	3.36E-03	7.20E-04	3.88E-03	8.89E-04	7.71E-04	1.61E-04	1.44E-04	3.00E-05	4.17E-05	8.68E-06	9.85E-05	2.05E-05	2.77E-05	2.77E-05	8.17E-01	2.17E-01	8.25E-01	2.35E-01
3697	Gridded	6.38E-05	1.07E-05	1.26E-05	2.17E-06	8.11E-04	1.33E-04	8.24E-04	1.36E-04	8.18E-04	1.41E-04	1.93E-05	3.15E-06	3.24E-03	5.30E-04	3.43E-03	5.75E-04	3.74E-03	8.64E-04	8.14E-04	1.33E-04	1.53E-04	2.50E-05	4.43E-05	7.22E-06	1.05E-04	1.71E-05	2.52E-05	2.52E-05	7.20E-01	1.91E-01	8.15E-01	1.84E-01
3698	Gridded	6.43E-05	1.00E-05	1.37E-05	2.15E-06	7.54E-04	1.28E-04	7.86E-04	1.30E-04	8.98E-04	1.41E-04	1.77E-05	3.06E-06	3.00E-03	5.12E-04	3.51E-03	5.47E-04	4.88E-03	8.33E-04	7.61E-04	1.29E-04	1.40E-04	2.42E-05	4.06E-05	7.01E-06	9.60E-05	1.66E-05	2.40E-05	2.40E-05	8.05E-01	1.55E-01	8.08E-01	1.88E-01
3699	Gridded	6.00E-05	1.05E-05	1.28E-05	2.11E-06	7.71E-04	1.30E-04	7.81E-04	1.33E-04	8.43E-04	1.36E-04	1.84E-05	3.09E-06	3.08E-03	5.19E-04	3.23E-03	5.68E-04	5.40E-03	8.08E-04	7.73E-04	1.31E-04	1.46E-04	2.45E-05	4.22E-05	7.08E-06	9.97E-05	1.67E-05	2.25E-05	2.25E-05	7.52E-01	1.68E-01	1.03E+00	1.79E-01
3700	Gridded	5.59E-05	8.24E-06	1.13E-05	1.71E-06	6.89E-04	9.89E-05	7.07E-04	1.02E-04	7.32E-04	1.12E-04	1.63E-05	2.34E-06	2.75E-03	3.94E-04	3.03E-03	4.48E-04	5.00E-03	7.14E-04	6.93E-04	9.97E-05	1.29E-04	1.85E-05	3.74E-05	5.35E-06	8.85E-05	1.27E-05	1.85E-05	1.85E-05	7.70E-01	2.46E-01	1.31E+00	2.41E-01
3701	Gridded	5.19E-05	6.91E-06	1.03E-05	1.50E-06	6.52E-04	8.00E-05	6.65E-04	8.39E-05	6.61E-04	9.81E-05	1.55E-05	1.88E-06	2.60E-03	3.18E-04	2.80E-03	3.78E-04	3.82E-03	5.98E-04	6.55E-04	8.09E-05	1.23E-04	1.49E-05	3.56E-05	4.31E-06	8.40E-05	1.02E-05	1.72E-05	1.72E-05	7.72E-01	2.70E-01	1.16E+00	2.54E-01
3702	Gridded	4.55E-05	8.58E-06	9.26E-06	1.69E-06	5.63E-04	1.08E-04	5.77E-04	1.10E-04	6.06E-04	1.09E-04	1.34E-05	2.57E-06	2.25E-03	4.31E-04	2.46E-03	4.63E-04	3.43E-03	4.99E-04	5.66E-04	1.09E-04	1.06E-04	2.04E-05	3.06E-05	5.89E-06	7.24E-05	1.39E-05	1.52E-05	1.52E-05	7.70E-01	2.90E-01	1.47E+00	2.53E-01
3703	Gridded	4.53E-05	8.09E-06	9.29E-06	1.62E-06	5.77E-04	1.04E-04	5.86E-04	1.05E-04	6.06E-04	1.05E-04	1.38E-05	2.48E-06	2.30E-03	4.15E-04	2.44E-03	4.35E-04	3.49E-03	5.16E-04	5.79E-04	1.04E-04	1.09E-04	1.96E-05	3.15E-05	5.68E-06	7.45E-05	1.34E-05	1.65E-05	1.65E-05	8.36E-01	2.48E-01	2.00E+00	1.97E-01
3704	Gridded	5.17E-05	8.23E-06	1.02E-05	1.66E-06	6.56E-04	1.01E-04	6.67E-04	1.04E-04	6.67E-04	1.08E-04	1.56E-05	2.40E-06	2.62E-03	4.04E-04	2.79E-03	4.46E-04	3.37E-03	5.12E-04	6.58E-04	1.02E-04	1.24E-04	1.90E-05	3.58E-05	5.51E-06	8.47E-05	1.30E-05	1.58E-05	1.58E-05	6.91E-01	2.43E-01	1.87E+00	2.26E-01
3705	Gridded	6.25E-05	7.09E-06	1.26E-05	1.49E-06	7.71E-04	8.67E-05	7.91E-04	8.91E-05	8.18E-04	9.74E-05	1.83E-05	2.05E-06	3.07E-03	3.46E-04	3.38E-03	3.84E-04	4.37E-03	5.07E-04	7.75E-04	8.72E-05	1.45E-04	1.62E-05	4.19E-05	4.70E-06	9.90E-05	1.11E-05	1.62E-05	1.62E-05	7.78E-01	1.39E-01	1.24E+00	1.57E-01
3706	Gridded	6.60E-05	6.68E-06	1.39E-05	1.38E-06	7.83E-04	8.12E-05	8.14E-04	8.37E-05	9.07E-04	9.04E-05	1.85E-05	1.92E-06	3.12E-03	3.24E-04	3.60E-03	3.62E-04	4.94E-03	4.86E-04	7.90E-04	8.17E-05	1.46E-04	1.52E-05	4.23E-05	4.40E-06	1.00E-04	1.04E-05	1.52E-05	1.52E-05	6.60E-01	1.87E-01	6.84E-01	1.65E-01
3707	Gridded	6.20E-05	7.19E-06	1.37E-05	1.50E-06	7.13E-04	8.62E-05	7.43E-04	8.93E-05	8.99E-04	9.78E-05	1.70E-05	2.03E-06	2.85E-03	3.43E-04	3.40E-03	3.91E-04	5.75E-03	4.61E-04	7.16E-04	8.69E-05	1.34E-04	1.61E-05	3.89E-05	4.66E-06	9.19E-05	1.10E-05	1.57E-05	1.57E-05	5.95E-01	1.45E-01	8.21E-01	1.68E-01
3708	Gridded	5.41E-05	7.08E-06	1.24E-05	1.51E-06	6.30E-04	8.34E-05	6.49E-04	8.69E-05	8.21E-04	9.84E-05	1.49E-05	1.96E-06	2.51E-03	3.32E-04	2.99E-03	3.86E-04	6.17E-03	5.20E-04	6.34E-04	8.42E-05	1.18E-04	1.56E-05	3.41E-05	4.50E-06	8.07E-05	1.06E-05	1.65E-05	1.65E-05	5.93E-01	9.47E-02	1.02E+00	1.35E-01
3709	Gridded	5.75E-05	6.40E-06	1.26E-05	1.39E-06	6.56E-04	7.51E-05	6.91E-04	7.75E-05	8.30E-04	9.11E-05	1.54E-05	1.78E-06	2.61E-03	2.99E-04	3.15E-03	3.50E-04	5.86E-03	5.40E-04	6.64E-04	7.56E-05	1.22E-04	1.41E-05	3.52E-05	4.07E-06	8.32E-05	9.62E-06	1.60E-05	1.60E-05	5.78E-01	9.18E-02	1.00E+00	1.03E-01
3710	Gridded	6.98E-05	7.18E-06	1.53E-05	1.42E-06	7.97E-04	9.23E-05	8.39E-04	9.34E-05	1.01E-03	9.30E-05	1.87E-05	2.20E-06	3.17E-03	3.69E-04	3.83E-03	3.85E-04	6.30E-03	5.10E-04	8.06E-04	9.26E-05	1.48E-04	1.75E-05	4.28E-05	5.05E-06	1.01E-04	1.19E-05	1.55E-05	1.55E-05	8.54E-01	1.21E-01	1.46E+00	1.04E-01
3711	Gridded	7.67E-05	7.94E-06	1.68E-05	1.58E-06	8.77E-04	1.00E-04	9.23E-04	1.02E-04	1.10E-03	1.03E-04	2.06E-05	2.39E-06	3.49E-03	4.01E-04	4.20E-03	4.27E-04	6.85E-03	5.31E-04	8.87E-04	1.01E-04	1.63E-04	1.89E-05	4.71E-05	5.48E-06	1.11E-04	1.30E-05	1.66E-05	1.66E-05	1.02E+00	1.42E-01	1.54E+00	1.42E-01
3712	Gridded	7.76E-05	7.94E-06	1.69E-05	1.68E-06	8.90E-04	9.36E-05	9.36E-04	9.75E-05	1.11E-03	1.10E-04	2.09E-05	2.22E-06	3.54E-03	3.73E-04	4.25E-03	4.33E-04	6.80E-03	5.77E-04	9.00E-04	9.45E-05	1.65E-04	1.76E-05	4.78E-05	5.08E-06	1.13E-04	1.20E-05	1.84E-05	1.84E-05	1.03E+00	1.52E-01	1.66E+00	1.64E-01
3713	Gridded	7.32E-05	7.80E-06	1.59E-05	1.68E-06	8.43E-04	9.09E-05	8.85E-04	9.51E-05	1.04E-03	1.10E-04	1.98E-05	2.14E-06	3.36E-03	3.62E-04	4.01E-03	4.26E-04	6.24E-03	6.17E-04	8.53E-04	9.19E-05	1.57E-04	1.69E-05	4.53E-05	4.90E-06	1.07E-04	1.16E-05	1.89E-05	1.89E-05	8.94E-01	1.51E-01	1.60E+00	1.73E-01
3714	Gridded	6.52E-05	7.40E-06	1.41E-05	1.60E-06	7.54E-04	8.56E-05	7.91E-04	8.98E-05	9.24E-04	1.05E-04	1.77E-05	2.01E-06	3.00E-03	3.41E-04	3.56E-03	4.05E-04	5.39E-03	6.12E-04	7.62E-04	8.66E-05	1.40E-04	1.59E-05	4.06E-05	4.61E-06	9.59E-05	1.09E-05	1.83E-05	1.83E-05	8.06E-01	1.38E-01	1.32E+00	1.69E-01
3715	Gridded	5.54E-05	6.92E-06	1.19E-05	1.50E-06	6.45E-04	8.00E-05	6.75E-04	8.39E-05	7.81E-04	9.84E-05	1.52E-05	1.88E-06	2.57E-03	3.18E-04	3.03E-03	3.79E-04	4.43E-03	5.80E-04	6.51E-04	8.09E-05	1.20E-04	1.49E-05	3.47E-05	4.30E-06	8.21E-05	1.02E-05	1.73E-05	1.73E-05	9.39E-01	1.19E-01	1.44E+00	1.53E-01
3716	Gridded	6.60E-05	1.15E-05	1.28E-05	2.33E-06	8.42E-04	1.42E-04	8.54E-04	1.46E-04	8.20E-04	1.51E-04	2.01E-05	3.38E-06	3.36E-03	5.68E-04	3.55E-03	6.25E-04	3.49E-03	6.86E-04	8.45E-04	1.43E-04	1.59E-04	2.67E-05	4.60E-05	7.74E-06	1.09E-04	1.83E-05	2.21E-05	2.21E-05	5.85E-01	1.16E-01	1.35E+00	1.40E-01
3717	Gridded	5.74E-05	1.28E-05	1.14E-05	2.62E-06	7.36E-04	1.57E-04	7.42E-04	1.61E-04	7.40E-04	1.70E-04	1.76E-05	3.71E-06	2.94E-03	6.25E-04	3.10E-03	6.96E-04	3.63E-03	7.36E-04	7.38E-04	1.58E-04	1.39E-04	2.94E-05	4.04E-05	8.51E-06	9.54E-05	2.01E-05	2.56E-05	2.56E-05	6.18E-01	1.10E-01	1.20E+00	1.95E-01
3718	Gridded	6.62E-05	1.41E-05	1.24E-05	2.86E-06	8.65E-04	1.73E-04	8.70E-04	1.77E-04	7.94E-04	1.85E-04	2.07E-05	4.09E-06	3.46E-03	6.88E-04	3.54E-03	7.62E-04	3.77E-03	8.08E-04	8.66E-04	1.74E-04	1.64E-04	3.24E-05	4.74E-05	9.37E-06	1.12E-04	2.22E-05	2.80E-05	2.80E-05	6.11E-01	1.74E-01	9.48E-01	2.76E-01
3719	Gridded	7.15E-05	1.56E-05	1.37E-05	3.09E-06	9.19E-04	1.96E-04	9.30E-04	2.00E-04	8.79E-04	2.01E-04	2.19E-05	4.67E-06	3.67E-03	7.83E-04	3.84E-03	8.42E-04	3.92E-03	9.20E-04	9.21E-04	1.97E-04	1.74E-04	3.69E-05	5.03E-05	1.07E-05	1.19E-04	2.53E-05	3.18E-05	3.18E-05	6.52E-01	2.45E-01	8.78E-01	3.32E-01
3720	Gridded	8.08E-05	1.91E-05	1.52E-05	3.82E-06	1.05E-03	2.37E-04	1.06E-03	2.43E-04	9.71E-04	2.47E-04	2.52E-05	5.64E-06	4.22E-03	9.47E-04	4.33E-03	1.03E-03	3.79E-03	1.07E-03	1.06E-03	2.39E-04	2.00E-04	4.46E-05	5.78E-05	1.29E-05	1.37E-04	3.05E-05	3.49E-05	3.49E-05	6.83E-01	2.80E-01	1.16E+00	3.18E-01
3721	Gridded	7.91E-05	1.98E-05	1.53E-05	4.05E-06	1.01E-03	2.43E-04	1.03E-03	2.50E-04	9.81E-04	2.63E-04	2.41E-05	5.75E-06	4.04E-03	9.68E-04	4.25E-03	1.08E-03	3.79E-03	1.11E-03	1.02E-03	2.44E-04	1.91E-04	4.55E-05	5.53E-05	1.32E-05	1.31E-04	3.11E-05	3.95E-05	3.95E-05	6.81E-01	2.55E-01	1.31E+00	2.68E-01
3722	Gridded	7.82E-05	1.66E-05	1.46E-05	3.50E-06	1.02E-03	1.97E-04	1.03E-03	2.04E-04	9.34E-04	2.28E-04	2.45E-05	4.63E-06	4.09E-03	7.83E-04	4.18E-03	9.03E-04	4.00E-03	1.15E-03	1.03E-03	1.98E-04	1.94E-04	3.67E-05	5.62E-05	1.06E-05	1.33E-04	2.51E-05	3.75E-05	3.75E-05	7.13E-01	2.15E-01	1.25E+00	2.17E-01
3723	Gridded	7.09E-05	1.06E-05	1.37E-05	2.37E-06	9.07E-04	1.29E-04	9.20E-04	1.31E-04	8.79E-04	1.56E-04	2.16E-05	3.06E-06	3.62E-03	5.13E-04	3.81E-03	5.82E-04	4.21E-03	1.06E-03	9.10E-04	1.29E-04	1.71E-04	2.42E-05	4.96E-05	7.01E-06	1.17E-04	1.66E-05	2.93E-05	2.93E-05	7.03E-01	1.59E-01	9.92E-01	1.71E-01
3724	Gridded	5.60E-05	1.07E-05	1.08E-05	2.19E-06	7.19E-04	1.31E-04	7.28E-04	1.34E-04	6.90E-04	1.42E-04	1.72E-05	3.09E-06	2.87E-03	5.21E-04	3.01E-03	5.80E-04	4.53E-03	8.40E-04	7.21E-04	1.31E-04	1.36E-04	2.45E-05	3.93E-05	7.09E-06	9.29E-05	1.68E-05	2.15E-05	2.15E-05	6.77E-01	1.33E-01	7.93E-01	1.65E-01
3725	Gridded	6.53E-05	1.33E-05	1.29E-05	2.61E-06	8.19E-04	1.69E-04	8.35E-04	1.72E-04	8.34E-04	1.68E-04	1.95E-05	4.03E-06	3.27E-03	6.75E-04	3.52E-03	7.19E-04	4.52E-03	7.65E-04	8.22E-04	1.70E-04	1.54E-04	3.19E-05	4.46E-05	9.23E-06	1.05E-04	2.18E-05	2.55E-05	2.55E-05	7.41E-01	1.56E-01	8.21E-01	2.07E-01
3726	Gridded	6.32E-05	1.44E-05	1.25E-05	2.91E-06	7.96E-04	1.78E-04	8.11E-04	1.82E-04	8.03E-04	1.88E-04	1.89E-05	4.22E-06	3.18E-03	7.09E-04	3.41E-03	7.80E-04	4.11E-03	8.57E-04	7.99E-04	1.79E-04	1.50E-04	3.34E-05	4.34E-05	9.66E-06	1.03E-04	2.28E-05	2.79E-05	2.79E-05	7.85E-01	1.97E-01	9.06E-01	2.38E-01
3727	Gridded	5.79E-05	1.23E-05	1.20E-05	2.60E-06	6.98E-04	1.45E-04	7.21E-04	1.51E-04	7.80E-04	1.70E-04	1.66E-05	3.41E-06	2.78E-03	5.77E-04	3.14E-03	6.68E-04	3.96E-03	9.41E-04	7.03E-04	1.46E-04	1.32E-04	2.70E-05	3.81E-05	7.82E-06	9.01E-05	1.85E-05	2.81E-05	2.81E-05	7.35E-01	2.09E-01	8.05E-01	2.28E-01
3728	Gridded	6.55E-05	1.09E-05	1.38E-05	2.28E-06	7.80E-04	1.33E-04	8.10E-04	1.37E-04	8.98E-04	1.49E-04	1.85E-05	3.16E-06	3.11E-03	5.31E-04	3.57E-03	5.93E-04	4.44E-03	8.84E-04	7.87E-04	1.34E-04	1.47E-04	2.50E-05	4.25E-05	7.23E-06	1.00E-04	1.71E-05	2.43E-05	2.43E-05	7.11E-01	1.69E-01	7.77E-01	1.86E-01
3729	Gridded	6.85E-05	1.08E-05	1.48E-05	2.22E-06	7.95E-04	1.36E-04	8.32E-04	1.39E-04	9.69E-04	1.45E-04	1.87E-05	3.25E-06	3.16E-03	5.45E-04	3.75E-03	5.80E-04	5.60E-03	8.67E-04	8.03E-04	1.37E-04	1.48E-04	2.57E-05	4.28E-05	7.45E-06	1.01E-04	1.76E-05	2.57E-05	2.57E-05	8.26E-01	1.56E-01	8.78E-01	1.80E-01
3730	Gridded	6.22E-05	1.12E-05	1.38E-05	2.28E-06	7.83E-04	1.38E-04	7.95E-04	1.42E-04	9.11E-04	1.47E-04	1.87E-05	3.27E-06	3.13E-03	5.50E-04	3.42E-03	6.08E-04	6.04E-03	8.69E-04	7.86E-04	1.39E-04	1.48E-04	2.59E-05	4.28E-05	7.50E-06	1.01E-04	1.77E-05	2.37E-05	2.37E-05	7.50E-01	1.85E-01	9.81E-01	2.01E-01
3731	Gridded	5.62E-05	9.18E-06	1.15E-05	1.93E-06	6.98E-04	1.09E-04	7.05E-04	1.14E-04	7.45E-04	1.26E-04	1.67E-05	2.58E-06	2.79E-03	4.36E-04	3.05E-03	5.00E-04	5.46E-03	7.49E-04	6.99E-04	1.10E-04	1.32E-04	2.04E-05	3.82E-05	5.91E-06	9.03E-05	1.40E-05	2.05E-05	2.05E-05	7.69E-01	2.53E-01	1.24E+00	2.64E-01
3732	Gridded	5.44E-05	7.83E-06	1.08E-05	1.70E-06	6.79E-04	9.04E-05	6.94E-04	9.48E-05	6.99E-04	1.11E-04	1.61E-05	2.12E-06	2.71E-03	3.60E-04	2.94E-03	4.29E-04	4.12E-03	6.60E-04	6.82E-04	9.14E-05	1.28E-04	1.68E-05	3.70E-05	4.86E-06	8.74E-05	1.15E-05	1.96E-05	1.96E-05	7.82E-01	2.70E-01	1.14E+00	2.74E-01
3733	Gridded	4.60E-05	9.08E-06	9.28E-06	1.79E-06	5.67E-04	1.14E-04	5.81E-04	1.16E-04	6.02E-04	1.15E-04	1.34E-05	2.72E-06	2.26E-03	4.56E-04	2.49E-03	4.90E-04	3.50E-03	5.45E-04	5.70E-04	1.15E-04	1.06E-04	2.15E-05	3.08E-05	6.23E-06	7.28E-05	1.47E-05	1.61E-05	1.61E-05	7.56E-01	2.86E-01	1.35E+00	2.71E-01
3734	Gridded	4.63E-05	8.85E-06	9.62E-06	1.82E-06	5.58E-04	1.07E-04	5.77E-04	1.11E-04	6.26E-04	1.18E-04	1.32E-05	2.53E-06	2.22E-03	4.27E-04	2.52E-03	4.80E-04	3.69E-03	5.48E-04	5.62E-04	1.08E-04	1.04E-04	2.01E-05	3.02E-05	5.81E-06	7.14E-05	1.37E-05	1.83E-05	1.83E-05	7.94E-01	2.31E-01	1.85E+00	2.21E-01
3735	Gridded	5.00E-05	8.62E-06	1.00E-05	1.74E-06	6.34E-04	1.06E-04	6.44E-04	1.09E-04	6.55E-04	1.13E-04	1.51E-05	2.52E-06	2.53E-03	4.24E-04	2.69E-03	4.67E-04	3.71E-03	5.98E-04	6.36E-04	1.07E-04	1.19E-04	1.99E-05	3.46E-05	5.77E-06	8.17E-05	1.36E-05	1.65E-05	1.65E-05	7.22E-01	2.49E-01	1.83E+00	2.39E-01
3736	Gridded	6.18E-05	7.49E-06	1.25E-05	1.58E-06	7.64E-04	8.99E-05	7.83E-04	9.24E-05	8.07E-04	1.03E-04	1.81E-05	2.13E-06	3.05E-03	3.59E-04	3.35E-03	4.08E-04	4.41E-03	5.32E-04	7.68E-04	9.05E-05	1.43E-04	1.69E-05	4.15E-05	4.89E-06	9.81E-05	1.15E-05	1.71E-05	1.71E-05	7.18E-01	1.57E-01	1.33E+00	1.82E-01
3737	Gridded	6.75E-05	7.13E-06	1.41E-05	1.51E-06	8.07E-04	8.45E-05	8.36E-04	8.79E-05	9.21E-04	9.83E-05	1.90E-05	1.99E-06	3.21E-03	3.37E-04	3.67E-03	3.89E-04	5.12E-03	5.20E-04	8.13E-04	8.53E-05	1.51E-04	1.58E-05	4.36E-05	4.57E-06	1.03E-04	1.08E-05	1.62E-05	1.62E-05	6.82E-01	1.77E-01	7.67E-01	1.54E-01
3738	Gridded	6.61E-05	6.76E-06	1.44E-05	1.41E-06	7.60E-04	8.09E-05	7.98E-04	8.39E-05	9.44E-04	9.19E-05	1.78E-05	1.91E-06	3.02E-03	3.23E-04	3.62E-03	3.68E-04	5.68E-03	5.04E-04	7.69E-04	8.16E-05	1.41E-04	1.51E-05	4.09E-05	4.38E-06	9.66E-05	1.04E-05	1.47E-05	1.47E-05	6.14E-01	1.60E-01	6.95E-01	1.81E-01
3739	Gridded	6.00E-05	6.88E-06	1.36E-05	1.46E-06	6.65E-04	8.10E-05	7.08E-04	8.44E-05	8.95E-04	9.54E-05	1.55E-05	1.91E-06	2.64E-03	3.23E-04	3.31E-03	3.75E-04	6.35E-03	5.02E-04	6.75E-04	8.18E-05	1.23E-04	1.51E-05	3.55E-05	4.37E-06	8.39E-05	1.03E-05	1.60E-05	1.60E-05	5.52E-01	1.08E-01	9.62E-01	1.43E-01
3740	Gridded	5.27E-05	6.51E-06	1.21E-05	1.41E-06	6.64E-04	7.55E-05	6.76E-04	7.91E-05	8.00E-04	9.23E-05	1.58E-05	1.77E-06	2.65E-03	3.00E-04	2.88E-03	3.56E-04	6.31E-03	5.37E-04	6.66E-04	7.63E-05	1.25E-04	1.40E-05	3.62E-05	4.06E-06	8.55E-05	9.60E-06	1.61E-05	1.61E-05	5.99E-01	8.80E-02	1.07E+00	1.15E-01
3741	Gridded	6.40E-05	6.76E-06	1.42E-05	1.41E-06	7.26E-04	8.10E-05	7.66E-04	8.39E-05	9.32E-04	9.19E-05	1.70E-05	1.91E-06	2.88E-03	3.23E-04	3.52E-03	3.68E-04	6.05E-03	5.26E-04	7.35E-04	8.16E-05	1.34E-04	1.51E-05	3.89E-05	4.38E-06	9.19E-05	1.04E-05	1.50E-05	1.50E-05	6.45E-01	9.46E-02	1.14E+00	9.32E-02
3742	Gridded	7.34E-05	7.80E-06	1.62E-05	1.52E-06	8.33E-04	9.92E-05	8.80E-04	1.01E-04	1.07E-03	9.85E-05	1.95E-05	2.37E-06	3.31E-03	3.96E-04	4.03E-03	4.20E-04	6.86E-03	5.44E-04	8.44E-04	9.96E-05	1.54E-04	1.87E-05	4.47E-05	5.42E-06	1.06E-04	1.28E-05	1.68E-05	1.68E-05	8.80E-01	1.23E-01	1.51E+00	1.17E-01
3743	Gridded	7.79E-05	8.08E-06	1.71E-05	1.61E-06	8.88E-04	1.01E-04	9.35E-04	1.03E-04	1.13E-03	1.04E-04	2.08E-05	2.40E-06	3.53E-03	4.03E-04	4.27E-03	4.36E-04	7.10E-03	5.74E-04	8.98E-04	1.02E-04	1.65E-04	1.90E-05	4.76E-05	5.51E-06	1.13E-04	1.30E-05	1.67E-05	1.67E-05	1.00E+00	1.39E-01	1.46E+00	1.46E-01
3744	Gridded	7.73E-05	7.35E-06	1.69E-05	1.57E-06	8.86E-04	8.95E-05	9.32E-04	9.19E-05	1.11E-03	1.03E-04	2.08E-05	2.12E-06	3.52E-03	3.57E-04	4.24E-03	4.01E-04	6.83E-03	5.56E-04	8.96E-04	9.00E-05	1.64E-04	1.68E-05	4.76E-05	4.86E-06	1.12E-04	1.15E-05	1.74E-05	1.74E-05	9.64E-01	1.44E-01	1.54E+00	1.61E-01
3745	Gridded	7.26E-05	7.30E-06	1.58E-05	1.57E-06	8.36E-04	8.50E-05	8.78E-04	8.89E-05	1.04E-03	1.03E-04	1.96E-05	2.00E-06	3.33E-03	3.38E-04	3.98E-03	3.99E-04	6.22E-03	5.84E-04	8.45E-04	8.58E-05	1.55E-04	1.58E-05	4.49E-05	4.57E-06	1.06E-04	1.08E-05	1.78E-05	1.78E-05	8.03E-01	1.41E-01	1.42E+00	1.66E-01
3746	Gridded	6.49E-05	6.97E-06	1.41E-05	1.51E-06	7.51E-04	8.06E-05	7.87E-04	8.45E-05	9.22E-04	9.91E-05	1.76E-05	1.89E-06	2.99E-03	3.21E-04	3.55E-03	3.82E-04	5.43E-03	5.83E-04	7.59E-04	8.15E-05	1.39E-04	1.50E-05	4.04E-05	4.34E-06	9.54E-05	1.02E-05	1.74E-05	1.74E-05	7.86E-01	1.28E-01	1.17E+00	1.61E-01
3747	Gridded	6.63E-05	5.51E-06	1.21E-05	1.01E-06	8.84E-04	7.35E-05	8.84E-04	7.35E-05	7.70E-04	6.46E-05	2.12E-05	1.76E-06	3.53E-03	2.94E-04	3.54E-03	2.94E-04	1.84E-03	1.92E-04	8.84E-04	7.35E-05	1.68E-04	1.40E-05	4.86E-05	4.04E-06	1.15E-04	9.55E-06	7.85E-06	7.85E-06	1.15E+00	2.35E-01	1.39E+00	1.60E-01
3748	Gridded	6.63E-05	5.51E-06	1.21E-05	1.01E-06	8.84E-04	7.35E-05	8.84E-04	7.35E-05	7.70E-04	6.46E-05	2.12E-05	1.76E-06	3.53E-03	2.94E-04	3.54E-03	2.94E-04	1.84E-03	1.92E-04	8.84E-04	7.35E-05	1.68E-04	1.40E-05	4.86E-05	4.04E-06	1.15E-04	9.55E-06	7.85E-06	7.85E-06	1.15E+00	2.35E-01	1.39E+00	1.60E-01
3749	Gridded	4.08E-05	5.73E-06	8.44E-06	1.10E-06	5.19E-04	7.38E-05	5.23E-04	7.47E-05	5.54E-04	7.03E-05	1.24E-05	1.76E-06	2.07E-03	2.95E-04	2.21E-03	3.08E-04	4.39E-03	2.87E-04	5.20E-04	7.40E-05	9.82E-05	1.40E-05	2.84E-05	4.04E-06	6.72E-05	9.55E-06	9.54E-06	9.54E-06	8.69E-01	1.89E-01	1.08E+00	6.42E-02
3750	Gridded	5.20E-05	8.13E-06	1.01E-05	1.63E-06	6.64E-04	1.01E-04	6.73E-04	1.03E-04	6.47E-04	1.05E-04	1.58E-05	2.40E-06	2.65E-03	4.03E-04	2.79E-03	4.40E-04	3.59E-03	3.58E-04	6.66E-04	1.01E-04	1.25E-04	1.90E-05	3.63E-05	5.49E-06	8.58E-05	1.30E-05	1.50E-05	1.50E-05	7.40E-01	1.09E-01	1.24E+00	7.24E-02
3751	Gridded	5.08E-05	6.91E-06	9.89E-06	1.37E-06	6.73E-04	8.75E-05	6.74E-04	8.90E-05	6.38E-04	8.94E-05	1.61E-05	2.08E-06	2.69E-03	3.49E-04	2.71E-03	3.72E-04	3.44E-03	4.10E-04	6.73E-04	8.78E-05	1.28E-04	1.65E-05	3.70E-05	4.78E-06	8.74E-05	1.13E-05	1.42E-05	1.42E-05	8.01E-01	1.31E-01	1.31E+00	7.66E-02
3752	Gridded	5.32E-05	6.82E-06	9.85E-06	1.33E-06	7.03E-04	8.65E-05	7.05E-04	8.79E-05	6.28E-04	8.58E-05	1.68E-05	2.06E-06	2.81E-03	3.45E-04	2.84E-03	3.68E-04	2.88E-03	3.09E-04	7.03E-04	8.68E-05	1.33E-04	1.63E-05	3.86E-05	4.72E-06	9.12E-05	1.12E-05	1.12E-05	1.12E-05	6.84E-01	1.13E-01	1.44E+00	8.30E-02
3753	Gridded	5.16E-05	6.23E-06	9.45E-06	1.22E-06	6.87E-04	7.89E-05	6.88E-04	8.02E-05	6.01E-04	7.85E-05	1.65E-05	1.88E-06	2.75E-03	3.15E-04	2.75E-03	3.36E-04	2.25E-03	2.24E-04	6.87E-04	7.92E-05	1.31E-04	1.49E-05	3.78E-05	4.30E-06	8.93E-05	1.02E-05	1.04E-05	1.04E-05	7.36E-01	9.68E-02	1.59E+00	9.07E-02
3754	Gridded	5.74E-05	6.22E-06	1.05E-05	1.16E-06	7.64E-04	8.14E-05	7.65E-04	8.19E-05	6.67E-04	7.43E-05	1.83E-05	1.95E-06	3.06E-03	3.26E-04	3.06E-03	3.33E-04	2.05E-03	1.83E-04	7.64E-04	8.15E-05	1.45E-04	1.54E-05	4.20E-05	4.47E-06	9.93E-05	1.06E-05	9.06E-06	9.06E-06	7.86E-01	7.41E-02	1.71E+00	9.63E-02
3755	Gridded	5.72E-05	6.17E-06	1.05E-05	1.15E-06	7.62E-04	8.11E-05	7.63E-04	8.14E-05	6.66E-04	7.33E-05	1.83E-05	1.94E-06	3.05E-03	3.24E-04	3.05E-03	3.30E-04	1.94E-03	1.65E-04	7.62E-04	8.12E-05	1.45E-04	1.54E-05	4.19E-05	4.45E-06	9.91E-05	1.05E-05	7.96E-06	7.96E-06	8.31E-01	6.46E-02	1.79E+00	1.00E-01
3756	Gridded	6.10E-05	6.23E-06	1.12E-05	1.16E-06	8.13E-04	8.29E-05	8.13E-04	8.29E-05	7.09E-04	7.38E-05	1.95E-05	1.99E-06	3.25E-03	3.32E-04	3.25E-03	3.32E-04	2.01E-03	1.89E-04	8.13E-04	8.29E-05	1.54E-04	1.57E-05	4.47E-05	4.56E-06	1.06E-04	1.08E-05	8.08E-06	8.08E-06	8.46E-01	6.71E-02	1.84E+00	1.04E-01
3757	Gridded	9.82E-05	1.38E-05	1.81E-05	2.60E-06	1.30E-03	1.79E-04	1.30E-03	1.80E-04	1.15E-03	1.67E-04	3.12E-05	4.28E-06	5.20E-03	7.15E-04	5.24E-03	7.38E-04	4.17E-03	5.19E-04	1.30E-03	1.79E-04	2.47E-04	3.39E-05	7.14E-05	9.81E-06	1.69E-04	2.32E-05	2.06E-05	2.06E-05	1.28E+00	1.76E-01	1.52E+00	1.14E-01
3758	Gridded	4.55E-05	6.43E-06	8.67E-06	1.24E-06	5.89E-04	8.22E-05	5.95E-04	8.33E-05	5.55E-04	7.96E-05	1.41E-05	1.96E-06	2.35E-03	3.28E-04	2.44E-03	3.45E-04	1.38E-03	1.68E-04	5.90E-04	8.25E-05	1.11E-04	1.55E-05	3.22E-05	4.49E-06	7.62E-05	1.06E-05	9.99E-06	9.99E-06	2.69E+00	1.56E-01	5.76E+00	2.82E-01

Scenario 1 Results

SO2		NO2		CO		H_2SO_4		HCl		TSP		PM_{10}		$PM_{2.5}$		Dioxins and Furans	
1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr
4.83E+00	7.73E-01	1.30E+01	9.86E-01	3.21E+00	2.34E-01	5.80E+00	4.24E-01	9.49E-01	6.81E-02	3.11E+00	5.22E-01	1.87E+00	2.60E-01	1.23E-02	8.72E-04	3.22E-09	2.29E-10
2.31E+01	1.19E+00	1.50E+01	2.08E+00	4.53E+00	6.06E-01	6.26E+00	7.54E-01	1.00E+00	1.24E-01	1.41E+01	8.21E-01	8.32E+00	4.30E-01	1.29E-02	1.34E-03	3.38E-09	3.51E-10
9.44E+00	1.49E+00	1.48E+01	2.73E+00	4.80E+00	7.77E-01	5.77E+00	9.87E-01	1.04E+00	1.71E-01	6.66E+00	1.03E+00	3.99E+00	4.89E-01	1.18E-02	1.93E-03	3.09E-09	5.08E-10
2.57E+01	2.17E+00	1.91E+01	3.42E+00	7.79E+00	1.26E+00	6.93E+00	1.04E+00	1.27E+00	2.11E-01	1.57E+01	1.54E+00	9.35E+00	8.31E-01	1.33E-02	2.00E-03	3.48E-09	5.24E-10
234.5	22.9	100.5										130.8	64.9	61.8	25.9		
2.39E+02	2.37E+01	1.14E+02	9.86E-01	3.21E+00	2.34E-01	5.80E+00	4.24E-01	9.49E-01	6.81E-02	3.11E+00	5.22E-01	1.33E+02	6.52E+01	6.18E+01	2.59E+01	3.22E-09	2.29E-10
2.58E+02	2.41E+01	1.15E+02	2.08E+00	4.53E+00	6.06E-01	6.26E+00	7.54E-01	1.00E+00	1.24E-01	1.41E+01	8.21E-01	1.39E+02	6.53E+01	6.18E+01	2.59E+01	3.38E-09	3.51E-10
2.44E+02	2.44E+01	1.15E+02	2.73E+00	4.80E+00	7.77E-01	5.77E+00	9.87E-01	1.04E+00	1.71E-01	6.66E+00	1.03E+00	1.35E+02	6.54E+01	6.18E+01	2.59E+01	3.09E-09	5.08E-10
2.60E+02	2.51E+01	1.20E+02	3.42E+00	7.79E+00	1.26E+00	6.93E+00	1.04E+00	1.27E+00	2.11E-01	1.57E+01	1.54E+00	1.40E+02	6.57E+01	6.18E+01	2.59E+01	3.48E-09	5.24E-10
4.83E+00	5.67E-01	9.10E+00	8.61E-01	2.56E+00	2.34E-01	3.69E+00	3.02E-01	6.02E-01	5.09E-02	3.11E+00	4.00E-01	1.87E+00	2.23E-01	7.22E-03	5.24E-04	1.87E-09	1.37E-10
4.33E+00	7.73E-01	1.30E+01	9.86E-01	3.21E+00	2.34E-01	5.80E+00	4.24E-01	9.49E-01	6.81E-02	2.73E+00	5.22E-01	1.10E+00	2.60E-01	1.23E-02	8.72E-04	3.22E-09	2.29E-10
5.17E+00	5.62E-01	6.85E+00	1.02E+00	2.50E+00	2.28E-01	2.77E+00	3.41E-01	5.07E-01	5.38E-02	3.64E+00	3.84E-01	1.90E+00	1.80E-01	5.67E-03	6.00E-04	1.49E-09	1.58E-10
5.76E+00	4.55E-01	4.34E+00	6.62E-01	2.12E+00	2.87E-01	1.07E+00	1.55E-01	3.14E-01	3.26E-02	3.89E+00	3.95E-01	2.11E+00	1.64E-01	1.73E-03	2.60E-04	4.50E-10	6.84E-11
5.56E+00	8.67E-01	4.95E+00	1.51E+00	1.64E+00	4.06E-01	1.55E+00	5.53E-01	3.21E-01	9.14E-02	3.30E+00	6.05E-01	2.03E+00	2.72E-01	2.94E-03	9.69E-04	7.71E-10	2.54E-10
6.79E+00	5.00E-01	5.93E+00	1.11E+00	2.30E+00	3.06E-01	2.01E+00	3.76E-01	3.34E-01	5.61E-02	4.06E+00	4.31E-01	2.28E+00	1.72E-01	3.99E-03	7.78E-04	1.04E-09	2.04E-10
5.93E+00	9.80E-01	1.06E+01	1.75E+00	3.81E+00	5.73E-01	3.58E+00	5.33E-01	7.41E-01	1.05E-01	4.20E+00	7.26E-01	2.46E+00	3.04E-01	7.29E-03	8.83E-04	1.91E-09	2.32E-10
9.14E+00	8.40E-01	1.23E+01	1.08E+00	3.32E+00	3.08E-01	4.63E+00	4.24E-01	7.48E-01	5.45E-02	6.34E+00	6.00E-01	2.90E+00	2.89E-01	8.94E-03	7.03E-04	2.34E-09	1.85E-10
6.87E+00	1.05E+00	1.13E+01	1.11E+00	3.38E+00	2.95E-01	3.76E+00	4.84E-01	6.48E-01	6.72E-02	4.81E+00	7.13E-01	2.03E+00	3.57E-01	7.41E-03	8.92E-04	1.94E-09	2.34E-10
4.91E+00	1.05E+00	7.83E+00	1.13E+00	2.19E+00	2.59E-01	4.07E+00	4.41E-01	5.43E-01	6.54E-02	3.30E+00	7.10E-01	1.62E+00	3.53E-01	8.62E-03	8.03E-04	2.26E-09	2.11E-10
4.42E+00	1.11E+00	1.32E+01	1.13E+00	3.05E+00	3.15E-01	5.54E+00	3.89E-01	9.17E-01	5.55E-02	2.95E+00	8.21E-01	1.55E+00	4.21E-01	1.20E-02	5.75E-04	3.14E-09	1.51E-10
7.51E+00	1.16E+00	1.18E+01	2.08E+00	3.83E+00	5.42E-01	4.24E+00	7.54E-01	8.56E-01	1.24E-01	4.98E+00	7.71E-01	2.79E+00	3.35E-01	8.98E-03	1.34E-03	2.36E-09	3.51E-10
1.10E+01	9.58E-01	1.16E+01	1.61E+00	2.96E+00	4.48E-01	3.83E+00	5.71E-01	5.48E-01	9.61E-02	7.10E+00	6.39E-01	3.49E+00	2.79E-01	6.06E-03	9.72E-04	1.59E-09	2.55E-10
1.16E+01	8.72E-01	1.43E+01	1.41E+00	4.23E+00	3.71E-01	4.65E+00	5.25E-01	7.58E-01	8.40E-02	7.37E+00	5.73E-01	3.42E+00	2.60E-01	6.14E-03	8.95E-04	1.61E-09	2.35E-10
1.10E+01	7.73E-01	1.32E+01	1.18E+00	4.53E+00	3.25E-01	3.54E+00	4.18E-01	6.73E-01	6.93E-02	7.17E+00	5.06E-01	3.19E+00	2.28E-01	3.88E-03	6.97E-04	1.02E-09	1.83E-10
1.02E+01	6.96E-01	1.13E+01	1.01E+00	3.72E+00	2.79E-01	2.99E+00	3.54E-01	5.36E-01	5.88E-02	6.69E+00	4.61E-01	3.06E+00	2.12E-01	3.26E-03	5.84E-04	8.56E-10	1.53E-10
6.70E+00	6.90E-01	5.97E+00	1.05E+00	1.49E+00	2.92E-01	1.55E+00	4.05E-01	2.56E-01	6.74E-02	4.61E+00	4.54E-01	2.30E+00	2.26E-01	2.82E-03	7.30E-04	7.39E-10	1.92E-10
4.21E+00	7.90E-01	4.72E+00	1.41E+00	1.43E+00	4.14E-01	1.60E+00	5.16E-01	3.10E-01	8.85E-02	2.60E+00	5.40E-01	1.39E+00	2.46E-01	3.56E-03	9.32E-04	9.36E-10	2.45E-10
4.50E+00	8.18E-01	4.83E+00	1.59E+00	1.57E+00	4.97E-01	1.46E+00	5.29E-01	3.04E-01	9.95E-02	2.76E+00	5.81E-01	1.68E+00	2.49E-01	2.76E-03	9.91E-04	7.24E-10	2.60E-10
5.72E+00	8.43E-01	4.71E+00	1.52E+00	1.52E+00	4.67E-01	1.55E+00	5.06E-01	2.96E-01	9.70E-02	3.48E+00	6.04E-01	2.01E+00	2.89E-01	2.89E-03	9.48E-04	7.59E-10	2.49E-10
5.48E+00	8.58E-01	4.60E+00	1.36E+00	1.44E+00	3.97E-01	1.59E+00	4.69E-01	3.07E-01	8.13E-02	3.45E+00	6.21E-01	2.02E+00	2.81E-01	3.08E-03	7.96E-04	8.08E-10	2.09E-10
4.12E+00	8.70E-01	5.99E+00	1.96E+00	2.31E+00	6.06E-01	1.65E+00	5.81E-01	3.95E-01	1.19E-01	2.63E+00	6.55E-01	1.59E+00	2.99E-01	2.96E-03	1.09E-03	7.76E-10	2.87E-10
9.14E+00	1.03E+00	5.72E+00	1.72E+00	1.97E+00	4.95E-01	2.04E+00	4.36E-01	4.23E-01	8.58E-02	5.28E+00	7.82E-01	3.25E+00	3.81E-01	4.27E-03	6.87E-04	1.12E-09	1.80E-10
2.97E+00	1.05E+00	5.31E+00	1.49E+00	1.56E+00	3.92E-01	1.82E+00	4.33E-01	3.11E-01	7.62E-02	2.24E+00	7.86E-01	1.33E+00	3.91E-01	3.27E-03	7.16E-04	8.56E-10	1.88E-10
7.61E+00	7.79E-01	1.01E+01	1.00E+00	2.52E+00	2.64E-01	3.62E+00	3.45E-01	5.57E-01	5.26E-02	4.75E+00	5.58E-01	2.71E+00	2.69E-01	5.92E-03	5.58E-04	1.54E-09	1.46E-10
5.67E+00	6.83E-01	1.28E+01	1.14E+00	3.84E+00	3.07E-01	4.87E+00	4.33E-01	8.77E-01	7.01E-02	3.85E+00	4.58E-01	1.64E+00	2.22E-01	9.42E-03	7.52E-04	2.46E-09	1.97E-10
5.92E+00	6.40E-01	1.36E+01	1.08E+00	3.46E+00	2.76E-01	5.54E+00	4.25E-01	9.10E-01	6.72E-02	3.94E+00	4.36E-01	2.01E+00	2.07E-01	1.10E-02	7.62E-04	2.87E-09	2.00E-10
5.90E+00	7.04E-01	1.27E+01	1.07E+00	2.86E+00	2.61E-01	5.41E+00	4.31E-01	8.43E-01	6.66E-02	4.03E+00	4.74E-01	2.23E+00	2.31E-01	1.09E-02	7.80E-04	2.85E-09	2.05E-10
5.94E+00	9.44E-01	1.36E+01	1.50E+00	4.44E+00	4.31E-01	4.90E+00	5.32E-01	9.42E-01	8.97E-02	4.10E+00	6.49E-01	1.72E+00	2.90E-01	9.38E-03	8.77E-04	2.46E-09	2.30E-10
1.14E+01	1.08E+00	1.50E+01	1.78E+00	3.82E+00	4.95E-01	6.03E+00	6.40E-01	1.00E+00	1.07E-01	7.15E+00	7.47E-01	4.20E+00	3.32E-01	1.20E-02	1.08E-03	3.15E-09	2.84E-10
1.17E+01	8.62E-01	1.44E+01	1.42E+00	2.95E+00	3.41E-01	6.26E+00	5.65E-01	9.50E-01	8.56E-02	7.51E+00	5.69E-01	4.24E+00	2.65E-01	1.29E-02	9.94E-04	3.38E-09	2.61E-10
9.12E+00	7.01E-01	1.25E+01	1.22E+00	2.84E+00	2.85E-01	5.53E+00	4.95E-01	8.23E-01	7.47E-02	6.09E+00	4.59E-01	3.38E+00	2.42E-01	1.13E-02	8.95E-04	2.97E-09	2.35E-10
8.70E+00	7.12E-01	1.09E+01	1.13E+00	2.96E+00	2.58E-01	4.91E+00	4.62E-01	7.17E-01	6.90E-02	5.86E+00	4.83E-01	3.23E+00	2.54E-01	1.01E-02	8.38E-04	2.66E-09	2.20E-10
8.23E+00	7.27E-01	1.05E+01	1.09E+00	2.93E+00	2.49E-01	4.74E+00	4.45E-01	6.91E-01	6.66E-02	5.55E+00	4.89E-01	3.06E+00	2.59E-01	9.78E-03	8.08E-04	2.56E-09	2.12E-10
6.30E+00	6.98E-01	1.30E+01	1.10E+00	2.92E+00	2.70E-01	5.55E+00	4.43E-01	8.63E-01	6.86E-02	4.28E+00	4.71E-01	2.37E+00	2.30E-01	1.12E-02	8.02E-04	2.93E-09	2.10E-10
2.31E+01	1.19E+00	1.18E+01	1.77E+00	3.02E+00	4.19E-01	5.39E+00	6.79E-01	7.73E-01	1.03E-01	1.41E+01	7.63E-01	8.32E+00	4.30E-01	1.14E-02	1.18E-03	2.98E-09	3.10E-10
1.67E+01	9.75E-01	1.03E+01	1.21E+00	3.25E+00	2.66E-01	3.61E+00	5.09E-01	5.98E-01	7.13E-02	1.07E+01	6.52E-01	5.99E+00	3.44E-01	7.91E-03	9.28E-04	2.07E-09	2.43E-10
1.39E+01	8.57E-01	9.93E+00	1.25E+00	3.18E+00	2.66E-01	4.67E+00	5.20E-01	6.56E-01	7.40E-02	8.98E+00	5.79E-01	5.02E+00	3.05E-01	9.97E-03	9.23E-04	2.61E-09	2.42E-10
9.07E+00	7.54E-01	9.95E+00	9.31E-01	2.97E+00	2.27E-01	3.65E+00	3.98E-01	6.50E-01	5.80E-02	6.24E+00	5.20E-01	3.41E+00	2.67E-01	6.93E-03	7.43E-04	1.82E-09	1.95E-10
7.52E+00	7.76E-01	1.01E+01	8.44E-01	2.83E+00	2.06E-01	3.84E+00	3.55E-01	6.62E-01	5.62E-02	5.20E+00	5.25E-01	2.84E+00	2.73E-01	7.26E-03	6.95E-04	1.90E-09	1.82E-10
6.96E+00	7.75E-01	1.00E+01	8.25E-01	2.70E+00	2.00E-01	3.92E+00	3.48E-01	6.60E-01	5.50E-02	4.84E+00	5.22E-01	2.64E+00	2.71E-01	7.51E-03	6.84E-04	1.97E-09	1.79E-10
7.66E+00	7.05E-01	1.15E+01	9.33E-01	3.29E+00	3.08E-01	4.42E+00	3.45E-01	7.61E-01	5.72E-02	4.84E+00	4.84E-01	2.89E+00	2.35E-01	8.30E-03	6.28E-04	2.17E-09	1.64E-10
6.04E+00	6.30E-01	9.71E+00	8.04E-01	2.82E+00	2.28E-01	3.75E+00	3.36E-01	6.50E-01	4.99E-02	4.21E+00	4.34E-01	2.23E+00	2.04E-01	7.73E-03	6.54E-04	2.03E-09	1.71E-10
6.78E+00	7.82E-01	1.24E+01	1.18E+00	3.38E+00	3.45E-01	4.99E+00	3.92E-01	8.17E-01	6.62E-02	6.24E+00	5.64E-01	3.72E+00	2.84E-01	9.71E-03	6.24E-04	2.53E-09	1.63E-10
9.94E+00	9.78E-01	1.36E+01	1.56E+00	3.38E+00	3.63E-01	5.68E+00	5.75E-01	9.03E-01	8.97E-02	7.46E+00	6.94E-01	4.38E+00	3.48E-01	1.14E-02	1.03E-03	2.97E-09	2.71E-10
5.22E+00	6.96E-01	1.25E+01	1.40E+00	3.09E+00	3.19E-01	5.13E+00	5.37E-01	8.37E-01	8.41E-02	5.33E+00	5.15E-01	3.09E+00	2.50E-01	1.04E-02	1.01E-03	2.70E-09	2.66E-10
7.16E+00	1.46E+00	1.40E+01	2.73E+00	4.55E+00	7.77E-01	5.01E+00	9.87E-01	9.35E-01	1.71E-01	4.89E+00	1.02E+00	1.95E+00	4.40E-01	9.07E-03	1.93E-03	2.37E-09	5.08E-10
4.80E+00	1.37E+00	9.25E+00	2.13E+00	2.37E+00	6.05E-01	4.01E+00	6.22E-01	6.46E-01	1.11E-01	3.25E+00	9.64E-01	1.56E+00	4.13E-01	8.70E-03	9.89E-04	2.27E-09	2.59E-10
6.58E+00	1.49E+00	1.34E+01	2.38E+00	3.76E+00	6.25E-01	4.83E+00	7.50E-01	8.45E-01	1.37E-01	4.53E+00	1.03E+00	1.83E+00	4.89E-01	8.99E-03	1.43E-03	2.35E-09	3.76E-10
7.07E+00	1.29E+00	1.32E+01	2.20E+00	3.92E+00	6.17E-01	4.74E+00	6.78E-01	8.39E-01	1.22E-01	4.73E+00	8.75E-01	1.97E+00	4.15E-01	9.20E-03	1.22E-03	2.41E-09	3.19E-10
5.84E+00	1.14E+00	9.72E+00	1.92E+00	3.09E+00	5.08E-01	3.42E+00	6.26E-01	6.22E-01	1.06E-01	3.90E+00	7.77E-01	1.66E+00	3.41E-01	6.97E-03	1.18E-03	1.83E-09	3.10E-10
4.28E+00	1.09E+00	7.75E+00	1.83E+00	2.63E+00	4.80E-01	3.13E+00	6.32E-01	5.18E-01	1.06E-01	2.92E+00	7.30E-01	1.39E+00	3.29E-01	6.27E-03	1.11E-03	1.65E-09	2.90E-10
4.15E+00	8.96E-01	8.79E+00	1.25E+00	2.42E+00	3.85E-01	3.60E+00	4.05E-01	6.18E-01	7.03E-02	2.64E+00	6.00E-01	1.40E+00	2.72E-01	7.64E-03	7.53E-04	2.00E-09	1.98E-10
4.46E+00	5.72E-01	1.09E+01	1.17E+00	2.80E+00	2.50E-01	4.45E+00	4.77E-01	7.41E-01	7.36E-02	3.33E+00	3.85E-01	1.90E+00	1.79E-01	9.04E-03	9.51E-04	2.35E-09	2.49E-10
5.25E+00	8.00E-01	1.17E+01	1.29E+00	3.14E+00	3.44E-01	4.78E+00	4.42E-01	7.72E-01	7.29E-02	4.82E+00	5.39E-01	2.83E+00	2.39E-01	9.47E-03	7.30E-04	2.46E-09	1.91E-10
4.91E+00	5.87E-01	1.04E+01	9.64E-01	2.86E+00	2.68E-01	4.21E+00	3.29E-01	6.88E-01	5.60E-02	4.17E+00	4.12E-01	2.49E+00	2.26E-01	8.20E-03	5.51E-04	2.13E-09	1.45E-10
4.21E+00	6.02E-01	8.03E+00	7.98E-01	2.21E+00	2.19E-01	3.48E+00	3.02E-01	5.37E-01	4.66E-02	2.84E+00	4.12E-01	1.58E+00	1.97E-01	7.26E-03	6.02E-04	1.90E-09	1.57E-10
5.32E+00	7.40E-01	9.43E+00	7.68E-01	2.31E+00	1.98E-01	3.88E+00	3.24E-01	6.25E-01	5.11E-02	3.78E+00	4.99E-01	2.06E+00	2.56E-01	7.66E-03	6.41E-04	2.01E-09	1.68E-10
5.47E+00	8.20E-01	9.20E+00	8.21E-01	2.61E+00	2.02E-01	3.52E+00	3.35E-01	6.09E-01	5.20E-02	3.91E+00	5.41E-01	2.14E+00	2.90E-01	6.66E-03	6.34E-04	1.75E-09	1.66E-10
5.05E+00	8.09E-01	8.91E+00	8.97E-01	2.59E+00	2.11E-01	3.96E+00	3.67E-01	5.86E-01	5.50E-02	3.61E+00	5.24E-01	1.98E+00	2.88E-01	8.13E-03	6.64E-04	2.13E-09	1.74E-10
5.63E+00	7.14E-01	1.18E+01	9.59E-01	2.73E+00	2.36E-01	4.98E+00	3.87E-01	7.83E-01	6.01E-02	3.46E+00	4.79E-01	1.82E+00	2.32E-01	9.99E-03	7.05E-04	2.61E-09	1.85E-10
5.39E+00	6.05E-01	1.24E+01	9.70E-01	3.24E+00	2.53E-01	4.98E+00	3.80E-01	8.31E-01	6.09E-02	3.60E+00	4.12E-01	1.81E+00	2.01E-01	1.11E-02	6.83E-04	2.92E-09	1.79E-10
5.16E+00	6.68E-01	1.17E+01	9.61E-01	3.28E+00	2.53E-01	4.61E+00	3.73E-01	7.96E-01	5.98E-02	3.47E+00	4.21E-01	1.67E+00	2.27E-01	9.29E-03	6.62E-04	2.44E-09	1.74E-10
5.18E+00	6.59E-01	1.05E+01	9.28E-01	3.09E+00	2.44E-01	4.05E+00	3.58E-01	7.18E-01	5.72E-02	3.33E+00	4.23E-01	1.62E+00	2.28E-01	7.89E-03	6.29E-04	2.06E-09	1.65E-10
5.40E+00	5.83E-01	8.78E+00	8.75E-01	2.70E+00	2.33E-01	3.61E+00	3.38E-01	6.00E-01	5.30E-02	3.41E+00	3.87E-01	1.66E+00	2.06E-01	6.38E-03	6.74E-04	1.67E-09	1.77E-10
6.43E+00	5.11E-01	9.84E+00	8.78E-01	2.42E+00	2.13E-01	3.74E+00	3.71E-01	5.68E-01	5.52E-02	4.22E+00	3.41E-01	1.97E+00	1.71E-01	6.25E-03	7.16E-04	1.64E-09	1.88E-10
5.27E+00	5.15E-01	6.71E+00	9.29E-01	2.21E+00	2.44E-01	2.37E+00	3.54E-01	3.80E-01	5.76E-02	3.56E+00	3.66E-01	1.58E+00	1.64E-01	4.40E-03	6.52E-04	1.15E-09	1.71E-10
4.84E+00	5.76E-01	6.28E+00	9.41E-01	2.16E+00	2.94E-01	2.75E+00	3.32E-01	3.79E-01	5.89E-02	3.02E+00	4.09E-01	1.71E+00	1.80E-01	5.57E-03	6.26E-04	1.46E-09	1.64E-10
4.80E+00	3.84E-01	7.77E+00	8.40E-01	2.39E+00	2.04E-01	2.72E+00	3.43E-01	4.64E-01	5.49E-02	3.22E+00	2.76E-01	1.41E+00	1.20E-01	4.78E-03	6.70E-04	1.25E-09	1.76E-10
4.57E+00	4.50E-01	8.36E+00	7.68E-01	2.04E+00	1.75E-01	3.34E+00	3.38E-01	5.21E-01	5.10E-02	2.98E+00	2.97E-01	1.33E+00	1.52E-01	6.13E-03	6.96E-04	1.61E-09	1.82E-10
4.35E+00	5.55E-01	8.15E+00	7.30E-01	2.37E+00	1.93E-01	3.15E+00	2.88E-01	5.53E-01	4.48E-02	2.84E+00	3.58E-01	1.37E+00	1.90E-01	6.22E-03	6.05E-04	1.63E-09	1.58E-10
4.64E+00	5.87E-01	9.54E+00	7.80E-01	2.64E+00	2.04E-01	3.78E+00	3.03E-01	6.46E-01	4.87E-02	3.10E+00	3.72E-01	1.43E+00	1.96E-01	7.71E-03	5.45E-04	2.02E-09	1.43E-10
4.35E+00	6.01E-01	1.00E+01	7.96E-01	2.62E+00	2.11E-01	4.05E+00	3.12E-01	6.73E-01	5.04E-02	2.92E+00	4.04E-01	1.42E+00	1.88E-01	9.61E-03	5.66E-04	2.52E-09	1.48E-10
4.81E+00	6.88E-01	9.68E+00	8.99E-01	2.36E+00	2.28E-01	4.03E+00	3.20E-01	6.47E-01	5.06E-02	3.14E+00	4.60E-01	1.53E+00	2.24E-01	8.08E-03	5.85E-04	2.10E-09	1.53E-10

Scenario 1 Results

5.46E+00	8.16E-01	8.38E+00	9.30E-01	2.35E+00	2.29E-01	3.64E+00	3.29E-01	5.55E-01	5.03E-02	2.89E+00	5.14E-01	1.79E+00	2.90E-01	7.40E-03	6.01E-04	1.93E-09	1.58E-10
5.80E+00	7.83E-01	8.41E+00	8.89E-01	2.30E+00	2.24E-01	3.31E+00	3.02E-01	5.62E-01	4.71E-02	3.15E+00	5.12E-01	1.93E+00	2.77E-01	6.43E-03	5.43E-04	1.68E-09	1.42E-10
5.12E+00	6.71E-01	8.25E+00	8.45E-01	2.04E+00	2.17E-01	3.40E+00	2.85E-01	5.52E-01	4.56E-02	2.88E+00	4.58E-01	1.68E+00	2.35E-01	6.79E-03	5.46E-04	1.78E-09	1.43E-10
4.79E+00	5.58E-01	8.16E+00	8.21E-01	2.36E+00	2.20E-01	3.34E+00	2.96E-01	5.48E-01	4.96E-02	2.99E+00	3.90E-01	1.65E+00	2.19E-01	6.59E-03	5.27E-04	1.70E-09	1.38E-10
4.50E+00	6.01E-01	9.76E+00	9.90E-01	2.87E+00	2.65E-01	4.01E+00	3.51E-01	6.81E-01	5.77E-02	3.15E+00	4.07E-01	1.87E+00	1.97E-01	8.34E-03	5.93E-04	2.19E-09	1.55E-10
4.63E+00	7.12E-01	1.04E+01	1.17E+00	2.82E+00	3.16E-01	4.25E+00	4.11E-01	6.85E-01	6.79E-02	3.22E+00	4.77E-01	1.88E+00	2.11E-01	8.46E-03	6.91E-04	2.19E-09	1.81E-10
5.07E+00	6.30E-01	1.03E+01	1.22E+00	2.64E+00	3.04E-01	4.21E+00	4.56E-01	6.93E-01	7.40E-02	3.17E+00	4.20E-01	1.71E+00	1.80E-01	8.46E-03	8.40E-04	2.19E-09	2.20E-10
4.26E+00	5.76E-01	9.44E+00	1.00E+00	2.60E+00	2.37E-01	3.78E+00	4.25E-01	6.50E-01	6.59E-02	2.91E+00	3.85E-01	1.48E+00	1.76E-01	7.74E-03	8.72E-04	2.02E-09	2.29E-10
3.93E+00	7.87E-01	7.78E+00	1.16E+00	2.27E+00	3.44E-01	3.07E+00	3.78E-01	5.49E-01	6.54E-02	2.51E+00	5.26E-01	1.26E+00	2.33E-01	6.29E-03	6.30E-04	1.63E-09	1.65E-10
3.66E+00	9.47E-01	6.57E+00	1.62E+00	2.30E+00	4.41E-01	2.52E+00	5.72E-01	4.42E-01	9.74E-02	2.50E+00	6.33E-01	1.22E+00	2.78E-01	5.41E-03	1.03E-03	1.42E-09	2.69E-10
4.78E+00	1.07E+00	8.02E+00	1.97E+00	2.48E+00	5.38E-01	3.08E+00	6.53E-01	5.46E-01	1.14E-01	3.18E+00	7.19E-01	1.44E+00	3.09E-01	6.34E-03	1.14E-03	1.66E-09	2.99E-10
6.26E+00	1.25E+00	1.30E+01	2.56E+00	4.18E+00	6.84E-01	4.62E+00	8.44E-01	8.70E-01	1.52E-01	4.31E+00	8.68E-01	1.66E+00	3.70E-01	8.57E-03	1.66E-03	2.24E-09	4.37E-10
5.96E+00	1.12E+00	1.24E+01	2.14E+00	3.60E+00	5.94E-01	4.38E+00	6.85E-01	7.87E-01	1.21E-01	4.14E+00	7.60E-01	1.63E+00	3.41E-01	8.18E-03	1.45E-03	2.14E-09	3.80E-10
5.68E+00	1.04E+00	1.18E+01	1.89E+00	3.51E+00	5.07E-01	4.17E+00	6.78E-01	7.57E-01	1.17E-01	3.94E+00	7.02E-01	1.55E+00	2.93E-01	7.78E-03	1.40E-03	2.03E-09	3.68E-10
5.86E+00	1.18E+00	1.22E+01	2.43E+00	3.89E+00	6.50E-01	4.34E+00	7.99E-01	8.14E-01	1.44E-01	4.05E+00	8.24E-01	1.56E+00	3.53E-01	8.09E-03	1.55E-03	2.11E-09	4.07E-10
5.56E+00	1.29E+00	1.14E+01	2.22E+00	3.87E+00	6.50E-01	4.04E+00	7.82E-01	7.82E-01	1.37E-01	3.82E+00	8.80E-01	1.46E+00	3.92E-01	7.44E-03	1.44E-03	1.94E-09	3.77E-10
5.18E+00	1.23E+00	9.87E+00	2.04E+00	3.34E+00	5.45E-01	3.68E+00	7.36E-01	6.38E-01	1.25E-01	3.35E+00	8.33E-01	1.54E+00	3.79E-01	7.05E-03	1.49E-03	1.84E-09	3.92E-10
4.92E+00	1.06E+00	9.12E+00	2.18E+00	2.64E+00	5.97E-01	3.32E+00	7.16E-01	5.73E-01	1.29E-01	3.30E+00	7.05E-01	1.38E+00	2.92E-01	7.22E-03	1.31E-03	1.89E-09	3.44E-10
3.89E+00	9.73E-01	6.96E+00	1.76E+00	2.29E+00	4.80E-01	2.57E+00	6.06E-01	4.76E-01	1.04E-01	2.60E+00	6.53E-01	1.22E+00	2.82E-01	5.04E-03	1.12E-03	1.32E-09	2.95E-10
4.10E+00	8.29E-01	5.94E+00	1.39E+00	1.91E+00	4.10E-01	2.43E+00	4.81E-01	4.41E-01	8.41E-02	2.79E+00	5.55E-01	1.40E+00	2.42E-01	5.33E-03	8.12E-04	1.40E-09	2.13E-10
4.12E+00	6.95E-01	8.11E+00	9.90E-01	2.36E+00	3.04E-01	3.19E+00	3.30E-01	5.68E-01	5.54E-02	2.81E+00	4.65E-01	1.33E+00	2.07E-01	6.51E-03	6.88E-04	1.68E-09	1.80E-10
5.12E+00	4.57E-01	9.43E+00	1.08E+00	2.53E+00	2.49E-01	3.79E+00	4.36E-01	6.42E-01	6.96E-02	3.44E+00	3.03E-01	1.54E+00	1.25E-01	7.66E-03	8.70E-04	1.98E-09	2.28E-10
4.64E+00	6.21E-01	9.87E+00	1.18E+00	2.53E+00	3.02E-01	4.02E+00	4.38E-01	6.61E-01	7.18E-02	3.07E+00	4.14E-01	1.51E+00	1.77E-01	8.08E-03	8.01E-04	2.09E-09	2.10E-10
4.38E+00	6.72E-01	9.73E+00	1.08E+00	2.77E+00	2.93E-01	4.00E+00	3.77E-01	6.43E-01	6.24E-02	2.92E+00	4.51E-01	1.57E+00	2.00E-01	8.30E-03	6.27E-04	2.18E-09	1.64E-10
4.52E+00	5.53E-01	8.99E+00	8.98E-01	2.69E+00	2.36E-01	3.75E+00	3.27E-01	6.80E-01	5.37E-02	2.90E+00	3.92E-01	1.65E+00	2.12E-01	8.21E-03	5.76E-04	2.15E-09	1.51E-10
4.67E+00	5.14E-01	7.35E+00	8.07E-01	2.15E+00	2.21E-01	2.98E+00	2.89E-01	5.30E-01	4.91E-02	2.99E+00	3.58E-01	1.72E+00	2.02E-01	6.07E-03	5.13E-04	1.59E-09	1.35E-10
4.84E+00	5.25E-01	6.42E+00	8.24E-01	1.80E+00	2.25E-01	2.80E+00	2.83E-01	4.33E-01	4.74E-02	3.22E+00	3.76E-01	1.56E+00	1.76E-01	5.81E-03	4.90E-04	1.52E-09	1.28E-10
4.71E+00	6.22E-01	7.64E+00	8.59E-01	1.85E+00	2.24E-01	3.19E+00	2.92E-01	5.13E-01	4.75E-02	3.08E+00	4.29E-01	1.54E+00	2.16E-01	6.44E-03	5.13E-04	1.68E-09	1.34E-10
5.75E+00	7.11E-01	8.01E+00	8.81E-01	2.10E+00	2.24E-01	3.22E+00	3.01E-01	5.36E-01	4.78E-02	3.16E+00	4.70E-01	1.90E+00	2.49E-01	6.37E-03	5.14E-04	1.66E-09	1.34E-10
5.58E+00	8.18E-01	7.76E+00	9.32E-01	2.26E+00	2.34E-01	2.95E+00	3.19E-01	5.18E-01	4.90E-02	3.24E+00	5.14E-01	1.87E+00	2.88E-01	5.65E-03	5.25E-04	1.48E-09	1.38E-10
5.49E+00	7.70E-01	7.77E+00	9.24E-01	2.13E+00	2.31E-01	3.32E+00	3.15E-01	5.17E-01	4.79E-02	2.91E+00	4.75E-01	1.81E+00	2.71E-01	6.73E-03	5.46E-04	1.75E-09	1.43E-10
4.80E+00	6.69E-01	8.58E+00	9.09E-01	2.07E+00	2.31E-01	3.59E+00	3.06E-01	5.73E-01	4.70E-02	3.06E+00	4.48E-01	1.59E+00	2.36E-01	7.23E-03	5.46E-04	1.88E-09	1.43E-10
4.09E+00	6.15E-01	9.21E+00	8.18E-01	2.36E+00	2.19E-01	3.77E+00	2.91E-01	6.19E-01	4.71E-02	2.72E+00	4.13E-01	1.37E+00	1.92E-01	8.98E-03	5.31E-04	2.35E-09	1.39E-10
4.43E+00	5.41E-01	9.15E+00	7.38E-01	2.49E+00	1.94E-01	3.66E+00	2.87E-01	6.19E-01	4.64E-02	2.94E+00	3.44E-01	1.34E+00	1.78E-01	8.00E-03	5.19E-04	2.10E-09	1.36E-10
4.13E+00	5.25E-01	7.79E+00	6.84E-01	2.23E+00	1.81E-01	3.04E+00	2.72E-01	5.27E-01	4.22E-02	2.70E+00	3.37E-01	1.28E+00	1.78E-01	6.04E-03	5.75E-04	1.58E-09	1.51E-10
3.99E+00	4.27E-01	7.72E+00	7.28E-01	1.90E+00	1.66E-01	3.13E+00	3.24E-01	4.90E-01	4.90E-02	2.59E+00	2.81E-01	1.14E+00	1.44E-01	5.88E-03	6.74E-04	1.54E-09	1.77E-10
4.46E+00	3.72E-01	7.98E+00	7.77E-01	2.26E+00	1.72E-01	3.02E+00	3.34E-01	4.97E-01	5.20E-02	2.95E+00	2.48E-01	1.28E+00	1.15E-01	5.39E-03	6.80E-04	1.41E-09	1.78E-10
7.11E+00	5.75E-01	1.00E+01	9.10E-01	2.67E+00	2.49E-01	3.94E+00	3.66E-01	5.64E-01	5.44E-02	4.57E+00	3.88E-01	2.23E+00	1.89E-01	6.42E-03	6.92E-04	1.68E-09	1.81E-10
6.41E+00	5.33E-01	9.30E+00	9.52E-01	2.56E+00	2.21E-01	3.17E+00	3.77E-01	5.17E-01	5.74E-02	4.35E+00	3.79E-01	1.99E+00	1.76E-01	4.98E-03	6.85E-04	1.31E-09	1.80E-10
5.87E+00	6.18E-01	6.99E+00	9.77E-01	1.92E+00	2.75E-01	2.63E+00	3.51E-01	3.97E-01	5.83E-02	3.63E+00	4.38E-01	2.04E+00	1.99E-01	4.71E-03	6.36E-04	1.24E-09	1.67E-10
5.37E+00	6.76E-01	6.86E+00	9.97E-01	2.45E+00	3.25E-01	3.21E+00	3.36E-01	4.20E-01	6.04E-02	3.59E+00	4.76E-01	1.92E+00	2.13E-01	6.41E-03	5.91E-04	1.68E-09	1.55E-10
5.22E+00	7.26E-01	6.71E+00	1.01E+00	2.32E+00	3.44E-01	3.11E+00	3.33E-01	4.06E-01	6.10E-02	3.54E+00	5.05E-01	1.59E+00	2.27E-01	6.23E-03	5.44E-04	1.63E-09	1.42E-10
5.17E+00	9.92E-01	6.25E+00	1.10E+00	1.69E+00	2.95E-01	3.11E+00	3.60E-01	4.25E-01	5.26E-02	3.34E+00	6.67E-01	1.61E+00	3.25E-01	6.91E-03	5.78E-04	1.81E-09	1.52E-10
4.64E+00	9.51E-01	5.89E+00	1.11E+00	1.83E+00	3.41E-01	2.40E+00	3.65E-01	3.95E-01	5.93E-02	3.17E+00	6.45E-01	1.65E+00	3.07E-01	4.73E-03	5.18E-04	1.24E-09	1.36E-10
5.25E+00	9.53E-01	6.46E+00	1.13E+00	2.18E+00	3.52E-01	2.58E+00	3.70E-01	3.94E-01	6.11E-02	3.69E+00	6.48E-01	1.80E+00	3.07E-01	5.17E-03	5.34E-04	1.36E-09	1.40E-10
6.46E+00	8.73E-01	7.92E+00	1.08E+00	2.46E+00	3.36E-01	2.94E+00	3.57E-01	4.44E-01	5.96E-02	4.40E+00	6.03E-01	2.02E+00	2.84E-01	5.77E-03	5.57E-04	1.51E-09	1.46E-10
6.64E+00	8.28E-01	9.07E+00	1.03E+00	2.40E+00	2.99E-01	3.16E+00	3.42E-01	5.07E-01	5.50E-02	4.26E+00	5.80E-01	2.42E+00	2.77E-01	5.21E-03	5.56E-04	1.34E-09	1.46E-10
7.85E+00	7.45E-01	1.16E+01	1.02E+00	3.45E+00	3.50E-01	4.39E+00	3.71E-01	7.77E-01	6.26E-02	4.92E+00	5.05E-01	2.93E+00	2.39E-01	8.26E-03	6.61E-04	2.16E-09	1.73E-10
3.22E+00	7.94E-01	5.56E+00	1.34E+00	2.07E+00	3.41E-01	1.88E+00	4.52E-01	3.53E-01	7.26E-02	2.27E+00	5.93E-01	1.03E+00	2.88E-01	3.43E-03	7.99E-04	8.99E-10	2.10E-10
4.54E+00	5.72E-01	7.02E+00	9.50E-01	2.09E+00	2.42E-01	2.88E+00	2.75E-01	5.05E-01	4.53E-02	3.10E+00	4.28E-01	1.64E+00	1.89E-01	5.68E-03	4.44E-04	1.49E-09	1.16E-10
4.54E+00	5.92E-01	7.33E+00	8.29E-01	2.09E+00	1.86E-01	2.90E+00	2.78E-01	5.15E-01	4.06E-02	3.06E+00	4.20E-01	1.50E+00	2.04E-01	5.90E-03	4.54E-04	1.54E-09	1.19E-10
3.89E+00	5.37E-01	6.32E+00	6.91E-01	1.80E+00	1.64E-01	2.43E+00	2.32E-01	4.35E-01	3.97E-02	2.86E+00	3.76E-01	1.53E+00	1.86E-01	4.91E-03	4.48E-04	1.29E-09	1.18E-10
5.48E+00	5.29E-01	4.75E+00	9.24E-01	1.37E+00	2.65E-01	1.91E+00	2.60E-01	3.28E-01	5.23E-02	3.77E+00	3.94E-01	2.11E+00	1.70E-01	3.87E-03	4.88E-04	1.01E-09	1.28E-10
6.11E+00	7.73E-01	5.72E+00	1.13E+00	1.53E+00	3.02E-01	2.14E+00	3.61E-01	3.72E-01	6.06E-02	4.22E+00	5.60E-01	2.62E+00	2.61E-01	4.22E-03	5.73E-04	1.11E-09	1.50E-10
4.87E+00	7.55E-01	7.15E+00	1.25E+00	1.91E+00	3.01E-01	2.84E+00	4.05E-01	4.89E-01	6.52E-02	3.56E+00	5.39E-01	2.22E+00	2.38E-01	5.76E-03	6.70E-04	1.51E-09	1.76E-10
3.15E+00	7.29E-01	6.07E+00	1.43E+00	2.10E+00	4.24E-01	1.82E+00	4.82E-01	3.83E-01	9.11E-02	2.41E+00	5.19E-01	1.14E+00	2.42E-01	3.38E-03	9.24E-04	8.86E-10	2.42E-10
4.21E+00	8.02E-01	6.08E+00	1.74E+00	2.09E+00	5.35E-01	1.85E+00	5.71E-01	3.93E-01	1.10E-01	2.65E+00	5.99E-01	1.63E+00	2.45E-01	3.40E-03	1.06E-03	8.91E-10	2.78E-10
3.76E+00	7.82E-01	5.83E+00	1.42E+00	2.34E+00	3.26E-01	2.41E+00	4.84E-01	3.45E-01	7.65E-02	2.75E+00	5.35E-01	1.10E+00	2.41E-01	5.48E-03	8.88E-04	1.44E-09	2.33E-10
3.44E+00	1.10E+00	5.96E+00	1.69E+00	1.93E+00	4.27E-01	1.96E+00	5.16E-01	3.93E-01	8.47E-02	2.49E+00	8.03E-01	1.12E+00	3.57E-01	3.77E-03	8.16E-04	9.87E-10	2.14E-10
3.75E+00	8.05E-01	5.80E+00	1.20E+00	2.30E+00	3.30E-01	1.91E+00	4.02E-01	3.62E-01	6.88E-02	2.80E+00	5.53E-01	1.18E+00	2.80E-01	3.67E-03	7.48E-04	9.64E-10	1.96E-10
3.66E+00	7.35E-01	6.25E+00	1.45E+00	1.85E+00	4.33E-01	2.01E+00	5.04E-01	3.66E-01	9.38E-02	2.53E+00	5.42E-01	1.40E+00	2.36E-01	3.54E-03	9.58E-04	9.27E-10	2.51E-10
4.15E+00	8.26E-01	5.61E+00	1.57E+00	1.82E+00	4.91E-01	1.82E+00	5.41E-01	3.68E-01	1.02E-01	2.52E+00	5.90E-01	1.54E+00	2.61E-01	3.50E-03	1.04E-03	9.17E-10	2.72E-10
2.82E+00	9.82E-01	5.07E+00	1.79E+00	1.98E+00	4.88E-01	1.63E+00	5.61E-01	3.17E-01	9.96E-02	2.07E+00	7.42E-01	1.26E+00	3.10E-01	3.14E-03	9.60E-04	8.24E-10	2.52E-10
2.78E+00	1.01E+00	4.81E+00	1.43E+00	1.96E+00	3.88E-01	1.71E+00	4.87E-01	3.10E-01	8.44E-02	2.25E+00	7.20E-01	1.40E+00	3.36E-01	3.54E-03	8.69E-04	9.28E-10	2.28E-10
3.18E+00	7.57E-01	4.84E+00	1.47E+00	1.80E+00	3.99E-01	2.05E+00	4.88E-01	3.50E-01	8.76E-02	2.53E+00	5.11E-01	1.58E+00	2.52E-01	4.19E-03	9.10E-04	1.10E-09	2.39E-10
3.25E+00	7.61E-01	5.09E+00	1.48E+00	2.08E+00	3.95E-01	2.18E+00	5.03E-01	3.72E-01	8.70E-02	2.70E+00	5.50E-01	1.68E+00	2.28E-01	4.40E-03	9.07E-04	1.15E-09	2.38E-10
3.58E+00	7.77E-01	5.26E+00	1.30E+00	1.89E+00	4.38E-01	2.23E+00	4.63E-01	3.80E-01	7.91E-02	3.09E+00	5.46E-01	1.87E+00	2.43E-01	4.43E-03	7.92E-04	1.16E-09	2.08E-10
4.85E+00	6.98E-01	5.22E+00	1.31E+00	1.81E+00	4.26E-01	2.19E+00	4.51E-01	3.70E-01	8.38E-02	3.66E+00	5.37E-01	2.21E+00	2.19E-01	4.30E-03	8.66E-04	1.13E-09	2.27E-10
4.74E+00	7.54E-01	5.16E+00	1.38E+00	2.09E+00	4.89E-01	2.15E+00	4.79E-01	3.62E-01	8.72E-02	3.03E+00	5.70E-01	1.87E+00	2.45E-01	4.20E-03	8.99E-04	1.10E-09	2.36E-10
5.63E+00	7.78E-01	5.08E+00	1.50E+00	1.93E+00	5.34E-01	2.10E+00	4.88E-01	3.54E-01	9.52E-02	3.14E+00	5.70E-01	1.94E+00	2.53E-01	4.11E-03	9.26E-04	1.08E-09	2.43E-10
5.05E+00	8.03E-01	4.90E+00	1.58E+00	1.71E+00	4.81E-01	2.02E+00	5.38E-01	3.39E-01	9.85E-02	3.14E+00	6.01E-01	1.92E+00	2.48E-01	3.97E-03	9.95E-04	1.04E-09	2.61E-10
5.17E+00	8.14E-01	4.62E+00	1.52E+00	1.50E+00	4.24E-01	1.88E+00	5.38E-01	3.17E-01	9.33E-02	3.14E+00	5.90E-01	1.93E+00	2.57E-01	3.73E-03	9.69E-04	9.76E-10	2.54E-10
5.21E+00	8.33E-01	4.24E+00	1.45E+00	1.44E+00	3.61E-01	1.67E+00	4.99E-01	2.89E-01	8.05E-02	3.36E+00	6.02E-01	1.98E+00	2.61E-01	3.34E-03	8.70E-04	8.74E-10	2.28E-10
5.68E+00	8.76E-01	4.25E+00	1.41E+00	1.34E+00	3.67E-01	1.56E+00	4.79E-01	2.82E-01	7.78E-02	3.57E+00	6.25E-01	2.02E+00	2.81E-01	3.13E-03	7.93E-04	8.22E-10	2.08E-10
4.95E+00	8.95E-01	4.28E+00	1.37E+00	1.39E+00	3.81E-01	1.55E+00	4.78E-01	2.83E-01	8.26E-02	3.16E+00	6.29E-01	1.73E+00	2.89E-01	3.03E-03	8.44E-04	7.94E-10	2.21E-10
4.51E+00	8.79E-01	4.44E+00	1.42E+00	1.44E+00	3.99E-01	1.69E+00	5.42E-01	3.01E-01	8.66E-02	2.78E+00	5.92E-01	1.46E+00	2.85E-01	4.04E-03	9.28E-04	1.06E-09	2.43E-10
4.06E+00	7.84E-01	4.56E+00	1.30E+00	1.29E+00	3.73E-01	1.88E+00	5.09E-01	2.82E-01	8.11E-02	2.58E+00	5.14E-01	1.35E+00	2.59E-01	4.51E-03	8.90E-04	1.18E-09	2.33E-10
3.60E+00	7.22E-01	4.56E+00	1.23E+00	1.35E+00	3.47E-01	1.86E+00	4.78E-01	2.59E-01	7.66E-02	2.81E+00	4.78E-01	1.51E+00	2.44E-01	4.47E-03	8.44E-04	1.17E-09	2.21E-10
6.43E+00	6.66E-01	6.12E+00	9.29E-01	1.54E+00	2.55E-01	1.59E+00	3.61E-01	2.90E-01	5.94E-02	4.30E+00	4.41E-01	2.11E+00	2.17E-01	2.90E-03	6.65E-04	7.61E-10	1.74E-10
7.52E+00	6.37E-01	8.46E+00	8.24E-01	2.48E+00	2.04E-01	2.28E+00	2.99E-01	3.77E-01	4.90E-02	4.89E+00	4.17E-01	2.27E+00	2.02E-01	3.10E-03	5.55E-04	8.13E-10	1.45E-10
7.97E+00	5.96E-01	1.05E+01	8.24E-01	3.37E+00	2.40E-01	3.01E+00	3.04E-01	5.51E-01	4.58E-02	5.15E+00	3.89E-01	2.26E+00	1.85E-01	3.84E-03	4.76E-04	1.00E-09	1.24E-10
7.90E+00	5.98E-01	1.29E+01	9.62E-01	4.36E+00	3.10E-01	4.06E+00	3.07E-01	7.87E-01	5.73E-02	5.11E+00	3.89E-01	2.08E+00	1.68E-01	6.44E-03	5.09E-04	1.69E-09	1.33E-10
7.31E+00	5.77E-01	1.43E+01	1.09E+00	4.80E+00	3.46E-01	4.95E+00	3.73E-01	9.55E-01	6.97E-02	4.75E+00	3.75E-01	1.82E+00	1.84E-01	8.89E-03	6.59E-04	2.33E-09	1.73E-10
6.39E+00	5.65E-01	1.48E+01	1.13E+00	4.73E+00	3.47E-01	5.57E+00	4.19E-01	1.04E+00	7.65E-02	4.15E+00	3.90E-01	1.51E+00	1.96E-01	1.08E-02	7.95E-04	2.83E-09	2.08E-10
5.27E+00	6.01E-01	1.42E+01	1.10E+00	4.17E+00	3.15E-01	5.77E+00	4.35E-01	1.03E+00	7.66E-02	3.40E+00	4.09E-01	1.21E+00	2.05E-01	1.18E-02	8.68E-04	3.09E-09	2.27E-10
4.94E+00	4.48E-01	1.02E+01	8.28E-01	3.50E+00	2.73E-01	3.63E+00	2.86E-01	7.06E-01	5.46E-02	3.24E+00	2.98E-01	1.23E+00	1.35E-01	6.69E-03	5.11E-04	1.75E-09	1.34E-10
5.55E+00	5.00E-01	9.47E+00	7.56E-01	3.29E+00	2.42E-01	3.08E+00	2.77E-01	6.03E-01	4.43E-02	3.64E+00	3.33E-01	1.46E+00	1.54E-01	5.07E-03	4.60E-04	1.32E-09	1.19E-10
5.74E+00	5.44E-01	8.34E+00	7.75E-01	2.78E+00	1.97E-01	2.56E+00	2.79E-01	4.82E-01	4.31E-02	3.75E+00	3.63E-01	1.60E+00	1.70E-01	3.92E-03	5.33E-04	1.03E-09	1.40E-10
5.58E+00	5.75E-01	7.08E+00	7.79E-01	2.23E+00	1.91E-01	2.10E+00	2.97E-01	3.71E-01	4.88E-02	3.64E+00	3.84E-01	1.64E+00	1.82E-01	3.76E-03	5.95E-04	9.87E-10	1.56E-10
4.54E+00	6.03E-01	4.94E+00	8.78E-01	1.69E+00	2.28E-01	1.66E+00	3.66E-01	3.26E-01	5.85E-02	3.01E+00	4.05E-01	1.47E+00	1.97E-01	3.71E-03	6.88E-04	9.73E-10	1.80E-10
3.92E+00	6.03E-01	4.81E+00	9.68E-01	1.64E+00	2.49E-01	1.75E+00	3.98E-01	3.03E-01	6.24E-02	2.64E+00	4.07E-01	1.34E+00	1.99E-01	4.20E-03	7.21E-04	1.10E-09	1.89E-10
3.04E+00	6.89E-01	4.94E+00	1.08E+00	1.45E+00	2.72E-01	1.96E+00	4.35E-01	2.81E-01	6.61E-02	2.15E+00	4.39E-01	1.13E+00	2.22E-01	4.72E-03	7.47E-04	1.24E-09	1.96E-10
3.49E+00	8.20E-01	4.69E+00	1.17E+00	1.27E+00	2.88E-01	2.07E+00	4.60E-01	2.79E-01	6.80E-02	2.23E+00	5.27E-01	9.98E-01	2.53E-01	4.98E-03	7.49E-04	1.31E-09	1.97E-10
3.77E+00	9.09E-01	3.96E+00	1.24E+00	1.22E+00	3.05E-01	1.96E+00	4.58E-01	3.04E-01	7.11E-02	2.37E+00	6.00E-01	1.16E+00	2.91E-01	4.69E-03	7.80E-04	1.23E-09	2.04E-10
3.99E+00	8.46E-01	4.09E+00	1.37E+00	1.29E+00	3.45E-01	2.25E+00	4.99E-01	3.04E-01	7.94E-02	2.50E+00	5.87E-01	1.24E+00	2.82E-01	5.44E-03	8.61E-04	1.43E-09	2.26E-10

Scenario 1 Results

3.95E+00	8.20E-01	4.24E+00	1.45E+00	1.27E+00	3.73E-01	2.58E+00	5.17E-01	3.10E-01	8.48E-02	2.42E+00	5.71E-01	1.24E+00	2.63E-01	6.23E-03	9.08E-04	1.63E-09	2.38E-10
4.17E+00	7.93E-01	4.47E+00	1.49E+00	1.27E+00	3.98E-01	2.41E+00	5.23E-01	3.19E-01	8.88E-02	2.65E+00	5.60E-01	1.45E+00	2.37E-01	5.83E-03	9.37E-04	1.53E-09	2.46E-10
4.53E+00	7.62E-01	5.11E+00	1.47E+00	1.48E+00	4.03E-01	2.15E+00	5.14E-01	3.66E-01	8.90E-02	2.83E+00	5.34E-01	1.62E+00	2.27E-01	4.32E-03	9.29E-04	1.13E-09	2.43E-10
4.05E+00	7.27E-01	5.65E+00	1.41E+00	1.76E+00	3.97E-01	2.40E+00	4.96E-01	4.07E-01	8.64E-02	2.68E+00	5.04E-01	1.58E+00	2.27E-01	4.83E-03	9.00E-04	1.26E-09	2.36E-10
3.74E+00	7.91E-01	6.22E+00	1.38E+00	1.75E+00	4.63E-01	2.65E+00	4.60E-01	4.50E-01	8.89E-02	2.43E+00	5.40E-01	1.48E+00	2.54E-01	5.33E-03	8.43E-04	1.40E-09	2.21E-10
3.62E+00	7.33E-01	6.61E+00	1.30E+00	1.96E+00	4.63E-01	2.82E+00	4.32E-01	4.82E-01	8.56E-02	2.17E+00	5.33E-01	1.33E+00	2.36E-01	5.66E-03	8.22E-04	1.48E-09	2.16E-10
4.27E+00	7.02E-01	6.74E+00	1.17E+00	1.95E+00	3.99E-01	2.88E+00	4.15E-01	4.94E-01	7.53E-02	2.62E+00	5.07E-01	1.60E+00	2.31E-01	5.75E-03	8.00E-04	1.51E-09	2.10E-10
8.56E+00	6.29E-01	6.78E+00	1.14E+00	2.00E+00	3.75E-01	2.89E+00	3.70E-01	5.01E-01	7.06E-02	4.89E+00	4.75E-01	2.96E+00	1.98E-01	5.80E-03	7.25E-04	1.52E-09	1.90E-10
9.44E+00	6.32E-01	6.66E+00	1.10E+00	1.97E+00	3.74E-01	2.85E+00	4.03E-01	4.95E-01	6.97E-02	6.66E+00	4.36E-01	3.99E+00	1.93E-01	5.72E-03	7.07E-04	1.50E-09	1.85E-10
7.12E+00	6.61E-01	6.29E+00	1.25E+00	1.94E+00	3.37E-01	2.70E+00	4.45E-01	4.70E-01	7.52E-02	5.71E+00	4.65E-01	3.44E+00	1.96E-01	5.49E-03	8.02E-04	1.44E-09	2.10E-10
3.47E+00	6.27E-01	5.77E+00	1.29E+00	1.86E+00	3.47E-01	2.50E+00	4.46E-01	4.34E-01	7.79E-02	3.37E+00	4.48E-01	2.07E+00	1.90E-01	5.12E-03	8.26E-04	1.34E-09	2.17E-10
2.80E+00	7.19E-01	5.03E+00	1.20E+00	1.93E+00	3.25E-01	2.19E+00	4.08E-01	3.79E-01	7.29E-02	2.50E+00	4.80E-01	1.55E+00	2.33E-01	4.54E-03	7.73E-04	1.19E-09	2.03E-10
2.77E+00	8.75E-01	4.69E+00	1.26E+00	1.85E+00	3.37E-01	1.88E+00	4.45E-01	3.22E-01	7.49E-02	2.26E+00	6.08E-01	1.41E+00	2.83E-01	3.92E-03	7.87E-04	1.03E-09	2.06E-10
2.62E+00	9.32E-01	5.26E+00	1.70E+00	2.02E+00	4.77E-01	1.54E+00	5.56E-01	3.35E-01	9.86E-02	2.00E+00	6.85E-01	1.21E+00	2.86E-01	2.88E-03	9.62E-04	7.56E-10	2.52E-10
3.49E+00	7.72E-01	5.88E+00	1.37E+00	1.78E+00	4.13E-01	1.98E+00	4.81E-01	3.58E-01	8.92E-02	2.33E+00	5.60E-01	1.32E+00	2.32E-01	3.70E-03	9.07E-04	9.69E-10	2.38E-10

9.53E-01	7.35E-02	2.61E+00	1.66E-01	7.37E-01	4.80E-02	1.07E+00	7.84E-02	1.86E-01	1.16E-02	6.58E-01	5.32E-02	2.40E-01	2.14E-02	2.28E-03	1.73E-04	5.76E-10	4.39E-11
8.72E-01	7.64E-02	2.47E+00	1.62E-01	6.48E-01	4.64E-02	1.04E+00	7.93E-02	1.75E-01	1.12E-02	5.98E-01	5.34E-02	2.23E-01	2.17E-02	2.24E-03	1.76E-04	5.68E-10	4.45E-11
6.59E-01	7.93E-02	1.85E+00	1.69E-01	4.51E-01	4.79E-02	7.96E-01	6.96E-02	1.29E-01	1.10E-02	4.50E-01	5.51E-02	1.83E-01	2.41E-02	1.72E-03	1.54E-04	4.35E-10	3.89E-11
6.10E-01	8.79E-02	1.47E+00	1.85E-01	5.79E-01	5.39E-02	8.79E-01	6.99E-02	1.05E-01	1.24E-02	4.18E-01	6.03E-02	1.87E-01	2.90E-02	1.96E-03	1.38E-04	5.02E-10	3.54E-11
6.24E-01	9.53E-02	1.38E+00	1.82E-01	6.84E-01	5.25E-02	8.01E-01	7.17E-02	1.13E-01	1.23E-02	4.07E-01	6.56E-02	2.34E-01	3.10E-02	1.85E-03	1.47E-04	4.73E-10	3.79E-11
8.33E-01	9.59E-02	1.47E+00	1.62E-01	6.09E-01	4.57E-02	7.67E-01	6.89E-02	1.22E-01	1.15E-02	5.49E-01	6.62E-02	2.82E-01	3.08E-02	1.88E-03	1.47E-04	4.74E-10	3.77E-11
9.92E-01	9.55E-02	1.39E+00	1.41E-01	4.34E-01	3.98E-02	7.71E-01	5.91E-02	1.13E-01	9.73E-03	6.71E-01	6.58E-02	3.24E-01	2.98E-02	1.89E-03	1.30E-04	4.76E-10	3.35E-11
9.81E-01	1.29E-01	1.32E+00	1.49E-01	5.12E-01	4.29E-02	7.34E-01	5.03E-02	1.01E-01	9.11E-03	6.76E-01	8.97E-02	3.31E-01	4.11E-02	1.80E-03	1.14E-04	4.53E-10	2.83E-11
8.10E-01	1.54E-01	1.54E+00	1.80E-01	6.99E-01	7.11E-02	6.46E-01	5.08E-02	1.14E-01	9.08E-03	5.67E-01	1.05E-01	2.41E-01	4.55E-02	1.58E-03	9.96E-05	3.97E-10	2.57E-11
8.59E-01	1.38E-01	1.78E+00	2.20E-01	6.51E-01	8.54E-02	7.19E-01	6.54E-02	1.43E-01	1.39E-02	5.77E-01	9.45E-02	2.87E-01	3.75E-02	1.55E-03	1.19E-04	3.99E-10	3.05E-11
1.04E+00	9.94E-02	1.73E+00	2.56E-01	6.57E-01	8.46E-02	8.99E-01	9.83E-02	1.38E-01	1.87E-02	7.06E-01	6.96E-02	3.27E-01	3.07E-02	2.13E-03	2.01E-04	5.46E-10	5.14E-11
9.23E-01	1.11E-01	1.83E+00	2.76E-01	6.06E-01	8.32E-02	8.70E-01	1.19E-01	1.49E-01	2.17E-02	6.44E-01	7.64E-02	2.80E-01	3.28E-02	2.10E-03	2.67E-04	5.39E-10	6.84E-11
1.29E+00	1.10E-01	2.66E+00	2.59E-01	7.16E-01	7.62E-02	1.07E+00	1.16E-01	1.77E-01	2.09E-02	8.86E-01	7.41E-02	3.74E-01	3.16E-02	2.10E-03	2.64E-04	5.37E-10	6.78E-11
1.25E+00	8.56E-02	3.92E+00	2.29E-01	1.10E+00	5.95E-02	1.71E+00	1.10E-01	2.95E-01	1.81E-02	8.73E-01	6.08E-02	3.06E-01	2.69E-02	3.71E-03	2.56E-04	9.46E-10	6.58E-11
1.15E+00	9.24E-02	3.18E+00	1.94E-01	8.72E-01	5.62E-02	1.44E+00	1.01E-01	2.49E-01	1.46E-02	7.74E-01	6.19E-02	3.17E-01	2.72E-02	3.26E-03	2.42E-04	8.33E-10	6.21E-11
1.15E+00	1.14E-01	2.10E+00	2.23E-01	7.99E-01	7.84E-02	9.38E-01	8.96E-02	1.58E-01	1.76E-02	7.54E-01	7.68E-02	4.04E-01	3.31E-02	2.24E-03	1.96E-04	5.78E-10	4.95E-11
9.79E-01	1.06E-01	2.52E+00	2.98E-01	8.50E-01	1.03E-01	9.71E-01	1.23E-01	1.95E-01	2.43E-02	6.86E-01	7.18E-02	2.90E-01	2.98E-02	2.13E-03	2.78E-04	5.49E-10	7.08E-11
1.09E+00	7.26E-02	2.44E+00	3.47E-01	8.26E-01	1.06E-01	1.05E+00	1.53E-01	2.03E-01	2.82E-02	7.76E-01	4.95E-02	3.00E-01	1.92E-02	2.37E-03	3.52E-04	6.10E-10	8.97E-11
1.05E+00	5.84E-02	2.89E+00	3.10E-01	8.24E-01	7.66E-02	1.32E+00	1.47E-01	2.35E-01	2.46E-02	7.29E-01	4.08E-02	3.04E-01	1.59E-02	3.05E-03	3.45E-04	7.84E-10	8.80E-11
8.36E-01	5.21E-02	2.12E+00	1.74E-01	6.09E-01	4.65E-02	1.02E+00	8.37E-02	1.58E-01	1.30E-02	5.76E-01	3.72E-02	2.67E-01	1.64E-02	2.32E-03	1.98E-04	5.96E-10	5.05E-11
9.91E-01	6.50E-02	2.07E+00	1.39E-01	7.04E-01	4.47E-02	8.62E-01	5.48E-02	1.39E-01	9.26E-03	6.98E-01	4.65E-02	2.62E-01	1.78E-02	1.87E-03	1.16E-04	4.79E-10	2.97E-11
1.04E+00	7.05E-02	2.97E+00	1.91E-01	8.55E-01	5.32E-02	1.20E+00	7.73E-02	2.13E-01	1.34E-02	7.17E-01	4.92E-02	2.51E-01	1.81E-02	2.55E-03	1.62E-04	6.52E-10	4.15E-11
8.88E-01	7.14E-02	2.74E+00	1.93E-01	6.84E-01	4.87E-02	1.19E+00	8.09E-02	1.97E-01	1.34E-02	5.97E-01	4.86E-02	2.41E-01	1.87E-02	2.57E-03	1.70E-04	6.60E-10	4.37E-11
7.88E-01	6.54E-02	1.64E+00	1.62E-01	4.71E-01	4.16E-02	7.20E-01	6.68E-02	1.17E-01	1.11E-02	5.46E-01	4.41E-02	2.20E-01	1.74E-02	1.56E-03	1.37E-04	4.02E-10	3.53E-11
8.62E-01	8.07E-02	2.05E+00	1.54E-01	6.01E-01	4.52E-02	7.98E-01	6.16E-02	1.42E-01	1.02E-02	5.88E-01	5.54E-02	2.24E-01	2.30E-02	1.60E-03	1.34E-04	4.12E-10	3.24E-11
8.63E-01	9.26E-02	1.74E+00	1.93E-01	4.82E-01	5.42E-02	7.10E-01	7.31E-02	1.23E-01	1.26E-02	5.92E-01	6.34E-02	2.55E-01	2.59E-02	1.57E-03	1.40E-04	4.00E-10	3.62E-11
9.59E-01	9.44E-02	2.06E+00	1.94E-01	6.77E-01	5.54E-02	8.24E-01	7.54E-02	1.40E-01	1.26E-02	6.67E-01	6.54E-02	2.50E-01	2.68E-02	1.71E-03	1.50E-04	4.42E-10	3.88E-11
7.96E-01	9.17E-02	2.17E+00	2.23E-01	6.06E-01	6.59E-02	8.88E-01	8.64E-02	1.51E-01	1.55E-02	5.44E-01	6.41E-02	2.03E-01	2.42E-02	1.85E-03	1.74E-04	4.79E-10	4.48E-11
6.22E-01	6.66E-02	1.32E+00	1.77E-01	4.55E-01	4.68E-02	5.44E-01	7.32E-02	9.62E-02	1.24E-02	4.22E-01	4.62E-02	1.85E-01	1.81E-02	1.24E-03	1.52E-04	3.20E-10	3.93E-11
5.14E-01	5.75E-02	1.12E+00	1.20E-01	4.98E-01	3.44E-02	4.65E-01	4.64E-02	7.70E-02	8.13E-03	3.52E-01	3.92E-02	1.70E-01	1.75E-02	9.76E-04	9.39E-05	2.49E-10	2.38E-11
5.94E-01	6.20E-02	1.12E+00	1.33E-01	5.66E-01	3.31E-02	5.02E-01	5.28E-02	8.83E-02	8.57E-03	3.85E-01	4.34E-02	2.02E-01	1.88E-02	1.06E-03	1.03E-04	2.71E-10	2.68E-11
5.97E-01	5.83E-02	1.10E+00	1.43E-01	5.65E-01	4.22E-02	5.54E-01	5.91E-02	9.25E-02	9.81E-03	4.06E-01	4.32E-02	2.05E-01	1.77E-02	1.18E-03	1.20E-04	3.07E-10	3.13E-11
5.28E-01	6.30E-02	1.34E+00	1.59E-01	5.29E-01	4.48E-02	6.27E-01	6.56E-02	9.08E-02	1.16E-02	3.32E-01	4.21E-02	1.84E-01	1.98E-02	1.32E-03	1.41E-04	3.43E-10	3.63E-11
5.12E-01	7.05E-02	1.29E+00	1.41E-01	4.87E-01	3.78E-02	5.44E-01	5.98E-02	8.86E-02	1.04E-02	3.35E-01	4.64E-02	1.68E-01	2.17E-02	1.12E-03	1.32E-04	2.91E-10	3.38E-11
6.02E-01	7.68E-02	1.03E+00	1.10E-01	4.45E-01	3.10E-02	4.76E-01	4.53E-02	8.64E-02	7.78E-03	3.83E-01	5.03E-02	2.09E-01	2.35E-02	9.90E-04	1.00E-04	2.58E-10	2.53E-11
7.48E-01	8.06E-02	1.39E+00	1.17E-01	5.00E-01	3.29E-02	5.98E-01	4.34E-02	1.13E-01	7.68E-03	5.09E-01	5.34E-02	2.17E-01	2.46E-02	1.22E-03	8.78E-05	3.19E-10	2.24E-11
7.40E-01	8.08E-02	1.66E+00	1.37E-01	4.91E-01	3.79E-02	6.93E-01	5.36E-02	1.29E-01	9.25E-03	5.05E-01	5.51E-02	2.22E-01	2.44E-02	1.56E-03	1.09E-04	4.07E-10	2.79E-11
7.95E-01	7.90E-02	1.44E+00	1.42E-01	4.13E-01	4.14E-02	5.91E-01	5.79E-02	1.04E-01	9.69E-03	5.72E-01	5.60E-02	2.40E-01	2.32E-02	1.23E-03	1.19E-04	3.19E-10	3.05E-11
8.14E-01	7.91E-02	1.74E+00	1.53E-01	5.66E-01	5.54E-02	7.25E-01	6.11E-02	1.27E-01	1.03E-02	6.06E-01	5.83E-02	2.28E-01	2.16E-02	1.54E-03	1.26E-04	4.02E-10	3.17E-11
7.46E-01	8.05E-02	1.57E+00	1.76E-01	6.71E-01	7.70E-02	6.69E-01	7.12E-02	1.21E-01	1.22E-02	5.68E-01	6.05E-02	1.89E-01	1.93E-02	1.47E-03	1.50E-04	3.83E-10	3.76E-11
6.07E-01	7.86E-02	1.35E+00	2.03E-01	6.57E-01	9.38E-02	5.62E-01	7.25E-02	9.73E-02	1.57E-02	4.64E-01	5.89E-02	1.51E-01	1.74E-02	1.23E-03	1.55E-04	3.18E-10	3.90E-11
6.94E-01	6.57E-02	1.97E+00	2.03E-01	7.49E-01	8.63E-02	8.89E-01	7.09E-02	1.39E-01	1.62E-02	4.75E-01	4.83E-02	1.93E-01	1.68E-02	1.89E-03	1.49E-04	4.90E-10	3.77E-11
7.44E-01	7.49E-02	2.08E+00	1.53E-01	5.48E-01	5.52E-02	9.47E-01	6.19E-02	1.46E-01	1.21E-02	5.13E-01	5.05E-02	2.13E-01	2.16E-02	2.01E-03	1.34E-04	5.20E-10	3.36E-11
5.88E-01	7.20E-02	1.46E+00	1.41E-01	3.98E-01	4.04E-02	6.40E-01	5.81E-02	1.06E-01	9.47E-03	4.11E-01	4.93E-02	1.75E-01	2.04E-02	1.32E-03	1.27E-04	3.43E-10	3.17E-11
6.04E-01	5.87E-02	1.90E+00	1.55E-01	5.04E-01	3.85E-02	8.12E-01	6.65E-02	1.39E-01	1.08E-02	4.09E-01	4.12E-02	1.63E-01	1.60E-02	1.75E-03	1.45E-04	4.53E-10	3.68E-11
7.30E-01	5.87E-02	1.86E+00	1.69E-01	5.18E-01	4.04E-02	7.60E-01	7.31E-02	1.31E-01	1.18E-02	4.96E-01	3.88E-02	1.89E-01	1.64E-02	1.69E-03	1.58E-04	4.30E-10	4.04E-11
6.38E-01	6.50E-02	2.03E+00	1.63E-01	4.87E-01	4.28E-02	8.93E-01	7.02E-02	1.46E-01	1.15E-02	4.33E-01	4.39E-02	1.59E-01	1.70E-02	1.92E-03	1.48E-04	5.00E-10	3.79E-11
5.18E-01	7.15E-02	1.57E+00	1.80E-01	3.99E-01	4.90E-02	7.14E-01	7.26E-02	1.11E-01	1.23E-02	3.34E-01	4.92E-02	1.42E-01	1.86E-02	1.65E-03	1.48E-04	4.14E-10	3.85E-11
6.50E-01	8.44E-02	1.57E+00	2.14E-01	4.12E-01	5.83E-02	6.28E-01	8.35E-02	1.06E-01	1.45E-02	4.29E-01	5.79E-02	1.68E-01	2.17E-02	1.53E-03	1.69E-04	3.77E-10	4.40E-11
6.73E-01	9.48E-02	1.63E+00	2.36E-01	5.06E-01	6.41E-02	6.88E-01	9.19E-02	1.16E-01	1.59E-02	4.64E-01	6.46E-02	1.69E-01	2.47E-02	1.51E-03	1.86E-04	3.78E-10	4.82E-11
6.87E-01	1.05E-01	1.75E+00	2.49E-01	5.21E-01	7.52E-02	1.06E+00	9.48E-02	1.28E-01	1.72E-02	4.76E-01	7.31E-02	1.74E-01	2.76E-02	2.60E-03	1.98E-04	6.73E-10	5.06E-11
8.66E-01	7.65E-02	2.22E+00	1.63E-01	6.62E-01	4.92E-02	8.76E-01	7.24E-02	1.57E-01	1.17E-02	6.00E-01	5.57E-02	2.20E-01	2.22E-02	1.82E-03	1.57E-04	4.62E-10	4.02E-11
9.16E-01	7.47E-02	2.49E+00	1.65E-01	6.88E-01	4.80E-02	1.02E+00	7.66E-02	1.76E-01	1.12E-02	6.32E-01	5.40E-02	2.34E-01	2.22E-02	2.17E-03	1.68E-04	5.49E-10	4.27E-11
7.87E-01	8.09E-02	2.18E+00	1.69E-01	5.59E-01	4.77E-02	9.17E-01	7.54E-02	1.53E-01	1.13E-02	5.40E-01	5.64E-02	2.07E-01	2.30E-02	1.97E-03	1.66E-04	4.98E-10	4.21E-11
6.66E-01	8.91E-02	1.65E+00	1.93E-01	5.24E-01	5.48E-02	8.12E-01	7.22E-02	1.15E-01	1.26E-02	4.54E-01	6.18E-02	2.05E-01	2.73E-02	1.73E-03	1.53E-04	4.44E-10	3.87E-11
6.29E-01	9.39E-02	1.54E+00	1.95E-01	6.57E-01	5.69E-02	9.05E-01	7.37E-02	1.07E-01	1.30E-02	4.61E-01	6.53E-02	1.95E-01	3.10E-02	2.01E-03	1.44E-04	5.15E-10	3.71E-11
6.76E-01	1.01E-01	1.54E+00	1.83E-01	6.81E-01	5.31E-02	8.66E-01	7.37E-02	1.14E-01	1.25E-02	4.26E-01	7.02E-02	2.50E-01	3.21E-02	2.11E-03	1.52E-04	5.33E-10	3.91E-11
9.28E-01	9.78E-02	1.54E+00	1.55E-01	5.36E-01	4.45E-02	8.58E-01	6.71E-02	1.12E-01	1.12E-02	6.16E-01	6.73E-02	3.11E-01	3.14E-02	2.09E-03	1.43E-04	5.28E-10	3.69E-11
1.07E+00	1.01E-01	1.52E+00	1.48E-01	4.08E-01	4.03E-02	8.43E-01	5.63E-02	1.10E-01	9.81E-03	7.25E-01	6.88E-02	3.38E-01	3.26E-02	2.06E-03	1.25E-04	5.18E-10	3.21E-11
9.24E-01	1.44E-01	1.43E+00	1.51E-01	5.99E-01	5.40E-02	7.63E-01	5.13E-02	1.01E-01	8.59E-03	6.49E-01	9.90E-02	2.99E-01	4.46E-02	1.86E-03	1.07E-04	4.67E-10	2.64E-11
7.62E-01	1.58E-01	1.85E+00	2.09E-01	7.22E-01	8.39E-02	7.24E-01	5.65E-02	1.43E-01	1.19E-02	5.30E-01	1.08E-01	2.43E-01	4.50E-02	1.76E-03	1.06E-04	4.43E-10	2.74E-11
1.10E+00	1.32E-01	2.10E+00	2.64E-01	7.13E-01	9.62E-02	9.26E-01	9.04E-02	1.69E-01	1.83E-02	7.44E-01	9.07E-02	3.52E-01	3.37E-02	2.08E-03	1.66E-04	5.36E-10	4.25E-11
1.16E+00	1.17E-01	2.10E+00	3.04E-01	7.10E-01	9.43E-02	1.03E+00	1.26E-01	1.74E-01	2.33E-02	7.96E-01	8.17E-02	3.38E-01	3.50E-02	2.48E-03	2.74E-04	6.37E-10	7.02E-11
1.23E+00	1.22E-01	2.16E+00	2.85E-01	6.34E-01	8.49E-02	8.49E-01	1.26E-01	1.35E-01	2.28E-02	8.35E-01	8.28E-02	3.70E-01	3.55E-02	2.00E-03	2.84E-04	5.15E-10	7.30E-11
1.37E+00	1.03E-01	3.75E+00	2.47E-01	1.05E+00	6.59E-02	1.60E+00	1.14E-01	2.74E-01	1.97E-02	9.53E-01	7.13E-02	3.58E-01	2.98E-02	3.37E-03	2.63E-04	8.63E-10	6.77E-11
1.37E+00	9.03E-02	3.74E+00	2.27E-01	1.03E+00	5.90E-02	1.68E+00	1.16E-01	2.90E-01	1.75E-02	9.28E-01	6.09E-02	3.67E-01	2.90E-02	3.76E-03	2.76E-04	9.62E-10	7.09E-11
1.27E+00	1.18E-01	2.02E+00	2.24E-01	8.07E-01	7.86E-02	9.48E-01	8.67E-02	1.64E-01	1.74E-02	8.45E-01	7.88E-02	3.74E-01	3.46E-02	2.23E-03	1.95E-04	5.76E-10	5.00E-11
8.41E-01	1.11E-01	1.95E+00	2.72E-01	7.81E-01	9.81E-02	7.67E-01	1.09E-01	1.66E-01	2.21E-02	5.45E-01	7.47E-02	2.99E-01	3.22E-02	1.69E-03	2.44E-04	4.35E-10	6.21E-11
9.55E-01	7.50E-02	2.30E+00	3.44E-01	8.34E-01	1.10E-01	9.55E-01	1.49E-01	1.93E-01	2.80E-02	6.82E-01	5.16E-02	2.85E-01	2.11E-02	2.24E-03	3.40E-04	5.78E-10	8.68E-11
1.06E+00	6.03E-02	2.92E+00	3.27E-01	8.44E-01	8.11E-02	1.33E+00	1.55E-01	2.38E-01	2.60E-02	7.42E-01	4.23E-02	3.02E-01	1.68E-02	3.06E-03	3.62E-04	7.88E-10	9.25E-11
8.54E-01	5.53E-02	2.14E+00	1.75E-01	6.22E-01	4.78E-02	1.03E+00	8.75E-02	1.59E-01	1.34E-02	5.89E-01	3.93E-02	2.66E-01	1.72E-02	2.34E-03	2.07E-04	6.01E-10	5.29E-11
9.97E-01	6.74E-02	2.11E+00	1.48E-01	7.22E-01	4.79E-02	8.77E-01	5.51E-02	1.43E-01	1.00E-02	7.01E-01	4.81E-02	2.61E-01	1.82E-02	1.89E-03	1.16E-04	4.85E-10	2.97E-11
1.08E+00	7.36E-02	3.07E+00	2.02E-01	8.76E-01	5.56E-02	1.25E+00	8.24E-02	2.21E-01	1.43E-02	7.36E-01	5.12E-02	2.59E-01	1.89E-02	2.65E-03	1.73E-04	6.78E-10	4.44E-11
9.43E-01	7.60E-02	2.87E+00	2.03E-01	7.16E-01	5.12E-02	1.24E+00	8.52E-02	2.05E-01	1.41E-02	6.32E-01	5.16E-02	2.69E-01	2.00E-02	2.68E-03	1.79E-04	6.87E-10	4.60E-11
8.43E-01	6.85E-02	1.67E+00	1.66E-01	5.04E-01	4.29E-02	7.26E-01	6.79E-02	1.19E-01	1.13E-02	5.83E-01	4.61E-02	2.35E-01	1.83E-02	1.56E-03	1.38E-04	4.03E-10	3.57E-11
8.74E-01	8.39E-02	2.09E+00	1.60E-01	6.11E-01	4.68E-02	8.19E-01	6.35E-02	1.45E-01	1.05E-02	5.96E-01	5.76E-02	2.27E-01	2.39E-02	1.64E-03	1.37E-04	4.24E-10	3.32E-11
9.29E-01	9.58E-02	1.74E+00	1.98E-01	4.89E-01	5.52E-02	7.15E-01	7.51E-02	1.23E-01	1.29E-02	6.36E-01	6.55E-02	2.73E-01	2.68E-02	1.54E-03	1.44E-04	3.95E-10	3.71E-11
9.89E-01	1.02E-01	2.22E+00	2.14E-01	7.24E-01	6.20E-02	8.93E-01	8.01E-02	1.52E-01	1.40E-02	6.89E-01	7.09E-02	2.54E-01	2.86E-02	1.85E-03	1.60E-04	4.78E-10	4.12E-11

Scenario 1 Results

8.36E-01	9.58E-02	2.27E+00	2.37E-01	6.11E-01	6.99E-02	9.22E-01	9.19E-02	1.58E-01	1.65E-02	5.73E-01	6.68E-02	2.12E-01	2.50E-02	1.92E-03	1.85E-04	4.96E-10	4.79E-11
6.76E-01	6.78E-02	1.29E+00	1.80E-01	5.47E-01	4.65E-02	5.57E-01	7.49E-02	1.03E-01	1.25E-02	4.60E-01	4.71E-02	1.96E-01	1.92E-02	1.21E-03	1.56E-04	3.13E-10	4.03E-11
5.16E-01	6.31E-02	1.22E+00	1.26E-01	5.28E-01	3.62E-02	5.04E-01	4.91E-02	8.44E-02	8.60E-03	3.58E-01	4.29E-02	1.77E-01	1.92E-02	1.06E-03	9.91E-05	2.72E-10	2.52E-11
6.53E-01	6.58E-02	1.13E+00	1.45E-01	5.29E-01	3.50E-02	5.10E-01	5.84E-02	8.40E-02	9.35E-03	4.28E-01	4.64E-02	2.26E-01	1.95E-02	1.07E-03	1.15E-04	2.75E-10	2.99E-11
6.02E-01	6.30E-02	1.22E+00	1.60E-01	4.92E-01	4.74E-02	6.07E-01	6.45E-02	8.50E-02	1.14E-02	3.89E-01	4.45E-02	2.16E-01	2.03E-02	1.29E-03	1.33E-04	3.36E-10	3.45E-11
5.75E-01	7.08E-02	1.45E+00	1.70E-01	4.41E-01	4.70E-02	6.69E-01	7.13E-02	9.02E-02	1.25E-02	3.64E-01	4.67E-02	1.87E-01	2.22E-02	1.40E-03	1.54E-04	3.65E-10	3.99E-11
5.84E-01	7.67E-02	1.30E+00	1.39E-01	3.93E-01	3.70E-02	5.30E-01	5.89E-02	8.66E-02	1.02E-02	3.39E-01	5.00E-02	2.02E-01	2.36E-02	1.08E-03	1.29E-04	2.82E-10	3.33E-11
6.56E-01	8.13E-02	1.20E+00	1.12E-01	4.26E-01	3.10E-02	5.43E-01	4.50E-02	8.93E-02	7.52E-03	4.43E-01	5.30E-02	2.16E-01	2.50E-02	1.12E-03	9.16E-05	2.93E-10	2.36E-11
7.94E-01	8.50E-02	1.59E+00	1.31E-01	5.47E-01	3.72E-02	6.76E-01	4.97E-02	1.33E-01	8.77E-03	5.40E-01	5.62E-02	2.24E-01	2.60E-02	1.51E-03	1.01E-04	3.93E-10	2.58E-11
8.01E-01	8.57E-02	1.71E+00	1.49E-01	4.95E-01	4.09E-02	7.09E-01	5.94E-02	1.27E-01	1.02E-02	5.40E-01	5.83E-02	2.53E-01	2.60E-02	1.61E-03	1.21E-04	4.21E-10	3.11E-11
8.73E-01	8.52E-02	1.56E+00	1.48E-01	4.27E-01	4.31E-02	6.19E-01	6.15E-02	1.06E-01	1.02E-02	6.15E-01	6.03E-02	2.62E-01	2.51E-02	1.24E-03	1.27E-04	3.24E-10	3.26E-11
8.58E-01	8.52E-02	1.73E+00	1.70E-01	5.93E-01	6.12E-02	7.19E-01	6.80E-02	1.27E-01	1.14E-02	6.29E-01	6.27E-02	2.36E-01	2.29E-02	1.54E-03	1.39E-04	4.02E-10	3.52E-11
7.62E-01	8.56E-02	1.46E+00	1.87E-01	7.01E-01	8.68E-02	5.67E-01	7.37E-02	1.03E-01	1.35E-02	5.73E-01	6.42E-02	1.87E-01	2.00E-02	1.25E-03	1.55E-04	3.26E-10	3.89E-11
6.05E-01	8.12E-02	1.44E+00	2.13E-01	6.74E-01	1.02E-01	5.97E-01	7.14E-02	1.08E-01	1.69E-02	4.57E-01	6.06E-02	1.58E-01	1.70E-02	1.29E-03	1.53E-04	3.20E-10	3.85E-11
7.80E-01	7.50E-02	2.14E+00	2.03E-01	7.56E-01	8.66E-02	9.52E-01	7.19E-02	1.51E-01	1.64E-02	5.33E-01	5.05E-02	2.16E-01	2.14E-02	2.00E-03	1.52E-04	5.20E-10	3.84E-11
6.77E-01	8.57E-02	1.93E+00	1.70E-01	4.82E-01	4.98E-02	8.93E-01	6.51E-02	1.36E-01	1.16E-02	4.73E-01	5.84E-02	1.98E-01	2.43E-02	1.90E-03	1.34E-04	4.94E-10	3.37E-11
6.93E-01	7.28E-02	1.99E+00	1.61E-01	5.30E-01	4.64E-02	8.65E-01	6.84E-02	1.46E-01	1.11E-02	4.79E-01	5.09E-02	1.81E-01	2.01E-02	1.82E-03	1.51E-04	4.73E-10	3.75E-11
7.86E-01	6.19E-02	2.00E+00	1.73E-01	5.40E-01	4.20E-02	8.34E-01	7.47E-02	1.44E-01	1.21E-02	5.32E-01	4.10E-02	2.06E-01	1.74E-02	1.82E-03	1.63E-04	4.72E-10	4.12E-11
6.85E-01	6.85E-02	2.02E+00	1.70E-01	5.12E-01	4.42E-02	8.65E-01	7.25E-02	1.44E-01	1.19E-02	4.67E-01	4.61E-02	1.73E-01	1.80E-02	1.83E-03	1.54E-04	4.76E-10	3.94E-11
5.99E-01	7.65E-02	1.77E+00	1.90E-01	4.65E-01	5.19E-02	8.96E-01	7.62E-02	1.24E-01	1.29E-02	3.98E-01	5.28E-02	1.48E-01	2.01E-02	2.15E-03	1.55E-04	5.57E-10	4.04E-11
6.93E-01	9.16E-02	1.68E+00	2.31E-01	4.42E-01	6.31E-02	8.42E-01	8.97E-02	1.14E-01	1.56E-02	4.58E-01	6.28E-02	1.79E-01	2.36E-02	2.02E-03	1.82E-04	5.22E-10	4.72E-11
7.25E-01	1.03E-01	1.75E+00	2.56E-01	5.42E-01	6.94E-02	7.42E-01	9.96E-02	1.24E-01	1.72E-02	5.02E-01	6.98E-02	1.83E-01	2.65E-02	1.55E-03	2.01E-04	4.00E-10	5.23E-11
7.55E-01	1.15E-01	1.92E+00	2.72E-01	5.75E-01	8.19E-02	9.44E-01	1.04E-01	1.36E-01	1.88E-02	5.23E-01	7.99E-02	1.91E-01	3.02E-02	2.30E-03	2.05E-04	5.99E-10	5.32E-11
6.24E-01	1.14E-01	2.10E+00	2.91E-01	4.53E-01	8.34E-02	1.28E+00	1.14E-01	1.53E-01	2.02E-02	4.29E-01	7.86E-02	1.65E-01	2.92E-02	3.12E-03	2.31E-04	8.10E-10	6.01E-11
6.59E-01	7.98E-02	1.54E+00	1.65E-01	4.81E-01	4.97E-02	6.79E-01	6.86E-02	1.18E-01	1.17E-02	4.59E-01	5.63E-02	1.90E-01	2.33E-02	1.54E-03	1.49E-04	3.97E-10	3.86E-11
8.23E-01	7.86E-02	2.09E+00	1.64E-01	6.10E-01	4.93E-02	8.30E-01	7.10E-02	1.47E-01	1.15E-02	5.71E-01	5.71E-02	2.13E-01	2.30E-02	1.77E-03	1.53E-04	4.53E-10	3.91E-11
8.16E-01	7.89E-02	2.17E+00	1.74E-01	5.89E-01	5.08E-02	9.02E-01	7.48E-02	1.52E-01	1.18E-02	5.63E-01	5.67E-02	2.14E-01	2.36E-02	1.96E-03	1.62E-04	5.01E-10	4.13E-11
7.13E-01	8.98E-02	1.88E+00	1.88E-01	5.18E-01	5.23E-02	9.02E-01	7.59E-02	1.31E-01	1.26E-02	4.92E-01	6.25E-02	2.17E-01	2.55E-02	2.00E-03	1.66E-04	5.15E-10	4.29E-11
6.70E-01	9.40E-02	1.60E+00	1.94E-01	5.46E-01	5.49E-02	8.27E-01	7.17E-02	1.15E-01	1.25E-02	4.79E-01	6.50E-02	2.02E-01	2.88E-02	2.03E-03	1.57E-04	5.17E-10	3.99E-11
6.61E-01	1.00E-01	1.43E+00	1.90E-01	6.40E-01	5.53E-02	8.16E-01	7.12E-02	1.02E-01	1.25E-02	4.92E-01	6.96E-02	2.07E-01	3.22E-02	1.95E-03	1.63E-04	4.96E-10	4.14E-11
6.79E-01	1.03E-01	1.45E+00	1.71E-01	5.83E-01	4.95E-02	8.00E-01	7.06E-02	1.04E-01	1.19E-02	4.54E-01	7.07E-02	2.47E-01	3.24E-02	1.93E-03	1.46E-04	4.88E-10	3.75E-11
1.00E+00	1.01E-01	1.50E+00	1.53E-01	4.69E-01	4.44E-02	8.27E-01	6.69E-02	1.08E-01	1.10E-02	6.71E-01	6.88E-02	3.30E-01	3.20E-02	2.00E-03	1.44E-04	5.05E-10	3.71E-11
1.06E+00	1.17E-01	1.44E+00	1.50E-01	4.19E-01	3.87E-02	7.84E-01	5.17E-02	1.04E-01	9.38E-03	7.29E-01	8.19E-02	3.35E-01	3.84E-02	1.90E-03	1.18E-04	4.78E-10	2.92E-11
9.47E-01	1.64E-01	1.85E+00	1.88E-01	7.44E-01	7.33E-02	7.87E-01	5.88E-02	1.31E-01	9.71E-03	6.68E-01	1.12E-01	2.87E-01	4.89E-02	1.90E-03	1.16E-04	4.80E-10	3.00E-11
1.05E+00	1.64E-01	2.50E+00	2.64E-01	8.53E-01	1.05E-01	1.02E+00	8.36E-02	1.98E-01	1.69E-02	7.11E-01	1.12E-01	3.39E-01	4.40E-02	2.20E-03	1.59E-04	5.67E-10	4.10E-11
1.28E+00	1.22E-01	2.17E+00	3.12E-01	8.07E-01	1.05E-01	1.08E+00	1.19E-01	1.79E-01	2.29E-02	8.71E-01	8.53E-02	3.87E-01	3.71E-02	2.54E-03	2.42E-04	6.52E-10	6.23E-11
1.10E+00	1.30E-01	1.87E+00	3.03E-01	6.48E-01	9.11E-02	9.18E-01	1.30E-01	1.52E-01	2.37E-02	7.35E-01	8.93E-02	3.38E-01	3.87E-02	2.20E-03	2.90E-04	5.67E-10	7.45E-11
1.45E+00	1.23E-01	3.50E+00	2.84E-01	9.62E-01	8.05E-02	1.45E+00	1.28E-01	2.45E-01	2.28E-02	1.00E+00	8.43E-02	3.98E-01	3.57E-02	2.96E-03	2.93E-04	7.58E-10	7.54E-11
1.45E+00	9.45E-02	4.16E+00	2.56E-01	1.14E+00	6.62E-02	1.84E+00	1.26E-01	3.18E-01	2.00E-02	9.82E-01	6.69E-02	3.83E-01	3.11E-02	4.07E-03	2.97E-04	1.04E-09	7.63E-11
1.27E+00	1.16E-01	2.25E+00	2.13E-01	7.17E-01	7.26E-02	1.02E+00	8.76E-02	1.77E-01	1.62E-02	8.39E-01	7.73E-02	3.68E-01	3.47E-02	2.32E-03	2.09E-04	5.95E-10	5.38E-11
1.00E+00	1.20E-01	1.81E+00	2.70E-01	8.15E-01	1.01E-01	7.33E-01	1.06E-01	1.56E-01	2.20E-02	6.54E-01	8.07E-02	3.29E-01	3.54E-02	1.74E-03	2.35E-04	4.48E-10	5.98E-11
8.16E-01	8.33E-02	2.16E+00	3.44E-01	8.41E-01	1.15E-01	9.41E-01	1.46E-01	1.83E-01	2.81E-02	5.83E-01	5.72E-02	2.86E-01	2.29E-02	2.19E-03	3.30E-04	5.65E-10	8.44E-11
1.04E+00	6.35E-02	2.93E+00	3.42E-01	8.68E-01	8.62E-02	1.32E+00	1.61E-01	2.39E-01	2.72E-02	7.30E-01	4.37E-02	2.91E-01	1.86E-02	3.03E-03	3.76E-04	7.80E-10	9.61E-11
9.05E-01	5.81E-02	2.23E+00	1.86E-01	6.53E-01	5.05E-02	1.07E+00	9.43E-02	1.66E-01	1.43E-02	6.26E-01	4.13E-02	2.74E-01	1.80E-02	2.44E-03	2.23E-04	6.26E-10	5.71E-11
9.88E-01	6.93E-02	2.10E+00	1.55E-01	7.17E-01	4.99E-02	8.68E-01	5.56E-02	1.43E-01	1.05E-02	6.93E-01	4.93E-02	2.57E-01	1.85E-02	1.86E-03	1.20E-04	4.78E-10	3.10E-11
1.08E+00	7.50E-02	3.03E+00	2.06E-01	8.56E-01	5.58E-02	1.23E+00	8.42E-02	2.16E-01	1.45E-02	7.34E-01	5.20E-02	2.61E-01	1.93E-02	2.60E-03	1.77E-04	6.67E-10	4.54E-11
9.58E-01	7.83E-02	2.83E+00	2.04E-01	7.13E-01	5.14E-02	1.21E+00	8.52E-02	2.01E-01	1.41E-02	6.42E-01	5.31E-02	2.77E-01	2.08E-02	2.60E-03	1.77E-04	6.69E-10	4.56E-11
8.98E-01	7.09E-02	1.71E+00	1.68E-01	5.39E-01	4.37E-02	7.11E-01	6.79E-02	1.17E-01	1.13E-02	6.20E-01	4.77E-02	2.50E-01	1.91E-02	1.56E-03	1.37E-04	4.03E-10	3.54E-11
8.85E-01	8.79E-02	2.15E+00	1.68E-01	6.24E-01	4.90E-02	8.47E-01	6.65E-02	1.49E-01	1.10E-02	6.02E-01	6.03E-02	2.34E-01	2.50E-02	1.70E-03	1.41E-04	4.41E-10	3.47E-11
1.01E+00	1.00E-01	1.81E+00	2.07E-01	5.04E-01	5.72E-02	7.25E-01	7.85E-02	1.25E-01	1.34E-02	6.87E-01	6.83E-02	2.94E-01	2.81E-02	1.53E-03	1.50E-04	3.96E-10	3.88E-11
1.02E+00	1.11E-01	2.38E+00	2.37E-01	7.77E-01	6.98E-02	9.70E-01	8.83E-02	1.65E-01	1.57E-02	7.08E-01	7.69E-02	2.55E-01	3.06E-02	2.00E-03	1.71E-04	5.18E-10	4.43E-11
8.77E-01	1.00E-01	2.38E+00	2.52E-01	6.42E-01	7.42E-02	9.58E-01	9.85E-02	1.65E-01	1.76E-02	6.01E-01	6.98E-02	2.21E-01	2.60E-02	1.99E-03	2.00E-04	5.15E-10	5.16E-11
7.10E-01	7.06E-02	1.35E+00	1.77E-01	4.99E-01	4.47E-02	5.94E-01	7.44E-02	1.06E-01	1.23E-02	4.84E-01	4.92E-02	2.01E-01	1.99E-02	1.28E-03	1.54E-04	3.33E-10	3.99E-11
5.35E-01	6.84E-02	1.29E+00	1.34E-01	4.60E-01	3.73E-02	5.30E-01	5.14E-02	9.09E-02	8.97E-03	3.74E-01	4.62E-02	1.85E-01	2.07E-02	1.12E-03	1.04E-04	2.87E-10	2.66E-11
6.69E-01	6.72E-02	1.09E+00	1.52E-01	4.21E-01	4.03E-02	4.92E-01	6.23E-02	8.00E-02	9.84E-03	4.44E-01	4.79E-02	2.35E-01	1.96E-02	1.04E-03	1.24E-04	2.71E-10	3.23E-11
6.48E-01	6.95E-02	1.30E+00	1.75E-01	4.00E-01	5.07E-02	6.37E-01	7.07E-02	8.76E-02	1.27E-02	3.87E-01	4.60E-02	2.32E-01	2.23E-02	1.35E-03	1.48E-04	3.52E-10	3.85E-11
6.04E-01	7.70E-02	1.52E+00	1.73E-01	3.88E-01	4.71E-02	6.88E-01	7.34E-02	9.55E-02	1.28E-02	3.84E-01	5.03E-02	1.73E-01	2.40E-02	1.44E-03	1.59E-04	3.74E-10	4.14E-11
6.58E-01	8.21E-02	1.26E+00	1.34E-01	3.80E-01	3.55E-02	5.00E-01	5.64E-02	8.60E-02	9.75E-03	3.66E-01	5.32E-02	2.27E-01	2.53E-02	1.01E-03	1.22E-04	2.64E-10	3.17E-11
7.51E-01	8.71E-02	1.41E+00	1.23E-01	5.20E-01	3.51E-02	6.23E-01	4.67E-02	1.15E-01	8.09E-03	5.09E-01	5.65E-02	2.25E-01	2.68E-02	1.28E-03	9.39E-05	3.34E-10	2.44E-11
8.28E-01	9.18E-02	1.83E+00	1.51E-01	5.89E-01	4.25E-02	8.00E-01	5.82E-02	1.52E-01	1.02E-02	5.65E-01	6.06E-02	2.51E-01	2.82E-02	1.80E-03	1.18E-04	4.69E-10	3.03E-11
8.95E-01	9.23E-02	1.66E+00	1.61E-01	4.76E-01	4.34E-02	6.73E-01	6.55E-02	1.18E-01	1.11E-02	5.92E-01	6.27E-02	2.81E-01	2.82E-02	1.54E-03	1.34E-04	4.01E-10	3.45E-11
9.23E-01	9.07E-02	1.57E+00	1.64E-01	4.44E-01	4.46E-02	6.20E-01	6.44E-02	1.08E-01	1.08E-02	6.40E-01	6.43E-02	2.73E-01	2.67E-02	1.26E-03	1.30E-04	3.29E-10	3.33E-11
8.65E-01	8.90E-02	1.54E+00	1.87E-01	6.15E-01	6.67E-02	6.37E-01	7.49E-02	1.14E-01	1.25E-02	6.27E-01	6.56E-02	2.33E-01	2.34E-02	1.37E-03	1.53E-04	3.59E-10	3.89E-11
7.43E-01	8.80E-02	1.54E+00	1.96E-01	7.18E-01	9.56E-02	5.22E-01	7.56E-02	1.10E-01	1.46E-02	5.53E-01	6.59E-02	1.75E-01	2.02E-02	1.12E-03	1.59E-04	2.92E-10	4.00E-11
7.08E-01	8.30E-02	1.75E+00	2.24E-01	7.93E-01	1.11E-01	7.08E-01	7.03E-02	1.23E-01	1.82E-02	4.74E-01	6.16E-02	1.82E-01	1.93E-02	1.43E-03	1.51E-04	3.72E-10	3.81E-11
8.08E-01	9.21E-02	2.23E+00	2.08E-01	7.90E-01	8.77E-02	1.00E+00	7.50E-02	1.58E-01	1.70E-02	5.54E-01	6.24E-02	2.26E-01	2.59E-02	2.11E-03	1.60E-04	5.48E-10	4.06E-11
6.85E-01	8.87E-02	1.67E+00	1.81E-01	5.23E-01	5.49E-02	7.99E-01	6.83E-02	1.18E-01	1.20E-02	4.56E-01	6.16E-02	2.06E-01	2.47E-02	1.73E-03	1.53E-04	4.49E-10	3.70E-11
8.58E-01	6.68E-02	2.39E+00	1.86E-01	6.25E-01	4.91E-02	1.02E+00	8.01E-02	1.74E-01	1.30E-02	5.78E-01	4.76E-02	2.27E-01	1.88E-02	2.20E-03	1.77E-04	5.72E-10	4.40E-11
8.08E-01	7.49E-02	2.31E+00	1.88E-01	5.91E-01	4.77E-02	9.91E-01	7.92E-02	1.65E-01	1.30E-02	5.48E-01	5.03E-02	2.06E-01	1.98E-02	2.09E-03	1.70E-04	5.42E-10	4.31E-11
6.86E-01	8.07E-02	1.95E+00	2.01E-01	5.26E-01	5.41E-02	7.87E-01	8.05E-02	1.37E-01	1.36E-02	4.59E-01	5.59E-02	1.64E-01	2.15E-02	1.65E-03	1.63E-04	4.27E-10	4.26E-11
7.53E-01	9.81E-02	1.86E+00	2.45E-01	4.78E-01	6.72E-02	1.12E+00	9.46E-02	1.35E-01	1.65E-02	4.98E-01	6.74E-02	1.95E-01	2.54E-02	2.69E-03	1.91E-04	6.98E-10	4.96E-11
7.70E-01	1.12E-01	1.88E+00	2.79E-01	5.70E-01	7.54E-02	1.03E+00	1.09E-01	1.34E-01	1.88E-02	5.34E-01	7.57E-02	1.96E-01	2.86E-02	2.47E-03	2.19E-04	6.41E-10	5.70E-11
8.19E-01	1.23E-01	2.10E+00	2.89E-01	6.23E-01	8.63E-02	8.21E-01	1.11E-01	1.48E-01	1.98E-02	5.67E-01	8.55E-02	2.07E-01	3.25E-02	1.90E-03	2.23E-04	4.96E-10	5.81E-11
6.75E-01	1.25E-01	2.19E+00	3.18E-01	4.85E-01	9.05E-02	1.33E+00	1.25E-01	1.60E-01	2.21E-02	4.60E-01	8.55E-02	1.77E-01	3.18E-02	3.25E-03	2.53E-04	8.46E-10	6.58E-11
5.35E-01	1.06E-01	2.05E+00	2.84E-01	3.77E-01	7.69E-02	1.25E+00	1.14E-01	1.50E-01	1.97E-02	3.69E-01	7.18E-02	1.98E-01	2.73E-02	3.04E-03	2.35E-04	7.91E-10	6.12E-11
5.03E-01	8.60E-02	1.52E+00	1.78E-01	4.76E-01	5.11E-02	6.33E-01	8.22E-02	1.18E-01	1.32E-02	3.56E-01	5.96E-02	1.84E-01	2.73E-02	1.39E-03	1.83E-04	3.59E-10	4.73E-11
6.17E-01	8.33E-02	1.52E+00	1.68E-01	4.83E-01	5.08E-02	6.86E-01	6.97E-02	1.20E-01	1.19E-02	4.31E-01	5.89E-02	1.74E-01	2.46E-02	1.56E-03	1.51E-04	4.02E-10	3.92E-11
7.24E-01	8.42E-02	1.80E+00	1.75E-01	5.67E-01	5.26E-02	8.29E-01	6.99E-02	1.25E-01	1.21E-02	5.03E-01	6.08E-02	1.91E-01	2.44E-02	1.81E-03	1.49E-04	4.64E-10	3.81E-11
7.37E-01	8.54E-02	1.94E+00	1.88E-01	6.44E-01	5.49E-02	9.49E-01	7.50E-02	1.41E-01	1.27E-02	4.97E-01	6.04E-02	2.30E-01	2.53E-02	2.32E-03	1.62E-04	5.92E-10	4.12E-11
7.24E-01	9.56E-02	1.97E+00	1.90E-01	5.37E-01	5.24E-02	1.14E+00	7.35E-02	1.45E-01	1.25E-02	5.01E-01	6.63E-02	2.13E-01	2.75E-02	2.79E-03	1.71E-04	7.11E-10	4.35E-11
7.52E-01	9.62E-02	1.85E+00	1.88E-01	5.33E-01	5.32E-02	1.07E+00	7.06E-02	1.37E-01	1.19E-02	5.28E-01	6.62E-02	2.25E-01	2.94E-02	2.63E-03	1.70E-04	6.71E-10	4.32E-11
7.30E-01	1.06E-01	1.47E+00	1.85E-01	5.72E-01	5.41E-02	8.44E-01	7.22E-02	1.09E-01	1.22E-02	5.32E-01	7.34E-02	2.15E-01	3.43E-02	2.07E-03	1.54E-04	5.28E-10	3.91E-11
7.53E-01	1.08E-01	1.34E+00	1.75E-01	5.13E-01	4.94E-02	6.77E-01	7.28E-02	9.95E-02	1.22E-02	5.08E-01	7.40E-02	2.58E-01	3.40E-02	1.62E-03	1.51E-04	4.09E-10	3.89E-11
1.06E+00	1.05E-01	1.31E+00	1.49E-01	4.49E-01	4.37E-02	6.93E-01	6.48E-02	9.89E-02	1.05E-02	7.18E-01	7.13E-02	3.43E-01	3.32E-02	1.66E-03	1.40E-04	4.19E-10	3.61E-11
1.17E+00	1.49E-01	1.73E+00	1.80E-01	6.38E-01	5.35E-02	7.66E-01	6.17E-02	1.15E-01	1.13E-02	8.13E-01	1.03E-01	3.55E-01	4.67E-02	1.83E-03	1.36E-04	4.63E-10	3.44E-11
9.54E-01	1.81E-01	2.41E+00	2.36E-01	8.96E-01	9.63E-02	8.91E-01	6.86E-02	1.82E-01	1.33E-02	6.71E-01	1.23E-01	3.00E-01	5.12E-02	1.93E-03	1.37E-04	4.95E-10	3.55E-11
1.18E+00	1.51E-01	2.32E+00	2.91E-01	7.67E-01	1.08E-01	1.02E+00	9.69E-02	1.84E-01	1.99E-02	8.00E-01	1.03E-01	3.69E-01	3.87E-02	2.28E-03	1.74E-04	5.87E-10	4.48E-11
1.11E+00	1.34E-01	1.97E+00	3.11E-01	7.03E-01	9.76E-02	1.00E+00	1.27E-01	1.61E-01	2.36E-02	7.57E-01	9.25E-02	3.22E-01	4.07E-02	2.40E-03	2.72E-04	6.18E-10	6.99E-11
1.42E+00	1.37E-01	2.89E+00	2.96E-01	7.73E-01	8.65E-02	1.14E+00	1.31E-01	1.88E-01	2.35E-02	9.72E-01	9.37E-02	4.10E-01	4.05E-02	2.20E-03	2.95E-04	5.65E-10	7.60E-11
1.36E+00	1.06E-01	4.21E+00	2.62E-01	1.17E+00	6.89E-02	1.82E+00	1.24E-01	3.15E-01	2.08E-02	9.36E-01	7.68E-02	3.59E-01	3.10E-02	3.94E-03	2.88E-04	1.01E-09	7.41E-11
1.24E+00	1.10E-01	2.74E+00	2.10E-01	7.51E-01	6.79E-02	1.23E+00	9.45E-02	2.14E-01	1.54E-02	8.24E-01	7.34E-02	3.57E-01	3.35E-02	2.77E-03	2.24E-04	7.11E-10	5.76E-11
1.17E+00	1.26E-01	1.67E+00	2.63E-01	8.35E-01	1.00E-01	7.79E-01	1.01E-01	1.47E-01	2.13E-02	7.67E-01	8.50E-02	3.65E-01	3.80E-02	1.83E-03	2.21E-04	4.74E-10	5.62E-11
8.38E-01	9.69E-02	2.16E+00	3.53E-01	8.66E-01	1.23E-01	9.53E-01	1.47E-01	1.78E-01	2.90E-02	5.86E-01	6.62E-02	2.80E-01	2.68E-02	2.20E-03	3.30E-04	5.68E-10	8.43E-11
9.81E-01	6.78E-02	2.92E+00	3.57E-01	9.06E-01	9.30E-02	1.29E+00	1.67E-01	2.40E-01	2.85E-02	6.88E-01	4.50E-02	3.23E-01	2.06E-02	2.95E-03	3.87E-04	7.60E-10	9.92E-11
9.34E-01	6.03E-02	2.33E+00	2.02E-01	6.71E-01	5.27E-02	1.11E+00	1.03E-01	1.73E-01	1.55E-02	6.45E-01	4.28E-02	2.76E-01	1.87E-02	2.54E-03	2.43E-04	6.52E-10	6.21E-11

Scenario 1 Results

9.78E-01	7.16E-02	2.07E+00	1.61E-01	7.00E-01	5.16E-02	8.57E-01	5.88E-02	1.40E-01	1.09E-02	6.84E-01	5.09E-02	2.56E-01	1.91E-02	1.83E-03	1.28E-04	4.70E-10	3.32E-11
1.07E+00	7.61E-02	2.94E+00	2.07E-01	8.30E-01	5.57E-02	1.19E+00	8.48E-02	2.09E-01	1.45E-02	7.28E-01	5.27E-02	2.63E-01	1.97E-02	2.50E-03	1.78E-04	6.42E-10	4.57E-11
9.63E-01	8.01E-02	2.74E+00	2.02E-01	7.03E-01	5.12E-02	1.16E+00	8.38E-02	1.94E-01	1.38E-02	6.46E-01	5.43E-02	2.79E-01	2.15E-02	2.46E-03	1.73E-04	6.35E-10	4.45E-11
9.71E-01	7.49E-02	1.86E+00	1.75E-01	5.88E-01	4.71E-02	7.17E-01	7.02E-02	1.21E-01	1.17E-02	6.70E-01	5.04E-02	2.69E-01	2.02E-02	1.67E-03	1.41E-04	4.33E-10	3.64E-11
9.03E-01	9.23E-02	2.21E+00	1.76E-01	6.37E-01	5.15E-02	8.76E-01	7.05E-02	1.54E-01	1.17E-02	6.16E-01	6.32E-02	2.42E-01	2.62E-02	1.77E-03	1.47E-04	4.58E-10	3.66E-11
1.07E+00	1.04E-01	1.98E+00	2.14E-01	5.41E-01	5.89E-02	7.47E-01	8.15E-02	1.28E-01	1.39E-02	7.31E-01	7.08E-02	3.11E-01	2.91E-02	1.57E-03	1.56E-04	4.05E-10	4.03E-11
9.78E-01	1.14E-01	2.39E+00	2.45E-01	7.71E-01	7.29E-02	9.84E-01	9.14E-02	1.67E-01	1.64E-02	6.81E-01	7.90E-02	2.51E-01	3.12E-02	2.02E-03	1.76E-04	5.24E-10	4.55E-11
8.59E-01	9.97E-02	2.30E+00	2.52E-01	6.24E-01	7.31E-02	9.24E-01	9.92E-02	1.60E-01	1.76E-02	5.89E-01	6.92E-02	2.25E-01	2.59E-02	1.91E-03	2.01E-04	4.95E-10	5.21E-11
7.16E-01	7.25E-02	1.37E+00	1.69E-01	4.54E-01	4.47E-02	6.14E-01	7.11E-02	1.07E-01	1.15E-02	4.89E-01	5.04E-02	2.15E-01	2.11E-02	1.32E-03	1.47E-04	3.44E-10	3.80E-11
6.56E-01	7.38E-02	1.34E+00	1.50E-01	4.64E-01	3.82E-02	5.47E-01	5.88E-02	9.64E-02	9.41E-03	4.24E-01	4.95E-02	2.31E-01	2.19E-02	1.15E-03	1.12E-04	3.00E-10	2.92E-11
6.57E-01	6.84E-02	1.08E+00	1.61E-01	3.72E-01	4.63E-02	5.01E-01	6.67E-02	7.96E-02	1.04E-02	4.38E-01	4.92E-02	2.34E-01	2.21E-02	1.05E-03	1.34E-04	2.75E-10	3.50E-11
6.48E-01	7.45E-02	1.37E+00	1.85E-01	3.78E-01	5.29E-02	6.65E-01	7.65E-02	9.48E-02	1.36E-02	3.89E-01	4.90E-02	2.32E-01	2.38E-02	1.41E-03	1.62E-04	3.66E-10	4.23E-11
6.23E-01	8.21E-02	1.57E+00	1.72E-01	4.07E-01	4.63E-02	6.93E-01	7.30E-02	1.00E-01	1.27E-02	4.00E-01	5.34E-02	2.08E-01	2.54E-02	1.44E-03	1.58E-04	3.74E-10	4.13E-11
6.80E-01	8.72E-02	1.19E+00	1.31E-01	4.14E-01	3.35E-02	5.34E-01	5.33E-02	8.88E-02	9.13E-03	4.12E-01	5.64E-02	2.34E-01	2.68E-02	1.11E-03	1.13E-04	2.89E-10	2.95E-11
8.33E-01	9.38E-02	1.66E+00	1.43E-01	6.03E-01	4.10E-02	6.94E-01	5.32E-02	1.39E-01	9.51E-03	5.66E-01	6.08E-02	2.44E-01	2.88E-02	1.50E-03	1.07E-04	3.92E-10	2.75E-11
8.73E-01	9.83E-02	1.84E+00	1.67E-01	5.64E-01	4.63E-02	8.19E-01	6.57E-02	1.52E-01	1.14E-02	5.50E-01	6.49E-02	2.82E-01	3.04E-02	1.85E-03	1.33E-04	4.82E-10	3.44E-11
9.57E-01	9.91E-02	1.53E+00	1.69E-01	4.29E-01	4.43E-02	6.28E-01	7.06E-02	1.10E-01	1.17E-02	6.29E-01	6.77E-02	2.98E-01	3.04E-02	1.36E-03	1.45E-04	3.55E-10	3.74E-11
9.30E-01	9.44E-02	1.48E+00	1.89E-01	4.65E-01	5.03E-02	5.81E-01	7.48E-02	1.02E-01	1.25E-02	6.42E-01	6.74E-02	2.71E-01	2.77E-02	1.19E-03	1.50E-04	3.11E-10	3.83E-11
8.28E-01	8.92E-02	1.42E+00	1.99E-01	6.32E-01	7.15E-02	5.09E-01	8.01E-02	9.30E-02	1.34E-02	5.98E-01	6.61E-02	2.15E-01	2.34E-02	1.06E-03	1.64E-04	2.78E-10	4.17E-11
6.90E-01	8.71E-02	1.55E+00	1.99E-01	7.22E-01	1.02E-01	5.73E-01	7.67E-02	1.15E-01	1.54E-02	5.10E-01	6.53E-02	1.63E-01	1.96E-02	1.22E-03	1.62E-04	3.18E-10	4.08E-11
8.46E-01	9.02E-02	2.05E+00	2.25E-01	9.27E-01	1.15E-01	8.27E-01	6.83E-02	1.44E-01	1.87E-02	5.65E-01	6.06E-02	2.19E-01	2.51E-02	1.66E-03	1.45E-04	4.31E-10	3.64E-11
7.65E-01	1.00E-01	2.17E+00	2.08E-01	8.30E-01	8.70E-02	9.95E-01	7.65E-02	1.55E-01	1.72E-02	5.30E-01	6.87E-02	2.18E-01	2.78E-02	2.11E-03	1.65E-04	5.48E-10	4.18E-11
7.83E-01	8.18E-02	1.99E+00	1.85E-01	5.41E-01	5.69E-02	8.61E-01	7.83E-02	1.45E-01	1.28E-02	5.27E-01	5.79E-02	2.12E-01	2.22E-02	1.78E-03	1.76E-04	4.63E-10	4.26E-11
9.51E-01	8.05E-02	2.59E+00	2.05E-01	6.73E-01	5.12E-02	1.09E+00	8.82E-02	1.83E-01	1.44E-02	6.43E-01	5.38E-02	2.46E-01	2.17E-02	2.30E-03	1.94E-04	5.96E-10	4.81E-11
8.25E-01	8.88E-02	2.18E+00	2.27E-01	6.02E-01	5.79E-02	9.42E-01	9.16E-02	1.53E-01	1.53E-02	5.56E-01	6.10E-02	2.07E-01	2.38E-02	2.03E-03	1.87E-04	5.28E-10	4.87E-11
8.61E-01	1.09E-01	2.06E+00	2.69E-01	5.42E-01	7.42E-02	8.36E-01	1.03E-01	1.44E-01	1.81E-02	5.68E-01	7.49E-02	2.23E-01	2.83E-02	2.03E-03	2.07E-04	5.27E-10	5.39E-11
8.06E-01	1.22E-01	2.20E+00	3.05E-01	5.78E-01	8.24E-02	1.33E+00	1.18E-01	1.60E-01	2.05E-02	5.58E-01	8.28E-02	2.08E-01	3.13E-02	3.23E-03	2.39E-04	8.38E-10	6.22E-11
8.81E-01	1.32E-01	2.29E+00	3.10E-01	6.61E-01	9.09E-02	1.10E+00	1.21E-01	1.61E-01	2.09E-02	6.09E-01	9.12E-02	2.24E-01	3.48E-02	2.64E-03	2.45E-04	6.84E-10	6.37E-11
7.38E-01	1.36E-01	2.19E+00	3.46E-01	5.45E-01	9.80E-02	1.33E+00	1.36E-01	1.60E-01	2.40E-02	5.00E-01	9.34E-02	1.93E-01	3.49E-02	3.23E-03	2.76E-04	8.44E-10	7.17E-11
6.11E-01	1.15E-01	2.58E+00	3.10E-01	5.37E-01	8.39E-02	1.57E+00	1.25E-01	1.89E-01	2.16E-02	4.20E-01	7.82E-02	2.11E-01	2.89E-02	3.81E-03	2.58E-04	9.95E-10	6.70E-11
5.20E-01	1.06E-01	1.61E+00	2.51E-01	3.95E-01	6.71E-02	9.82E-01	9.85E-02	1.18E-01	1.67E-02	4.23E-01	7.25E-02	2.46E-01	2.85E-02	2.39E-03	2.04E-04	6.23E-10	5.31E-11
5.34E-01	8.49E-02	1.52E+00	2.26E-01	5.44E-01	6.51E-02	6.67E-01	9.77E-02	1.12E-01	1.71E-02	3.90E-01	5.85E-02	1.73E-01	2.85E-02	1.46E-03	2.16E-04	3.78E-10	5.58E-11
5.44E-01	8.98E-02	1.52E+00	1.82E-01	4.97E-01	5.24E-02	6.36E-01	8.41E-02	1.19E-01	1.35E-02	3.86E-01	6.20E-02	1.65E-01	2.88E-02	1.46E-03	1.88E-04	3.76E-10	4.85E-11
6.34E-01	8.83E-02	1.58E+00	1.73E-01	5.17E-01	5.28E-02	8.48E-01	7.24E-02	1.26E-01	1.23E-02	4.39E-01	6.21E-02	1.81E-01	2.64E-02	2.05E-03	1.57E-04	5.24E-10	4.07E-11
8.50E-01	8.89E-02	2.40E+00	1.82E-01	6.75E-01	5.45E-02	1.15E+00	6.82E-02	1.74E-01	1.24E-02	5.80E-01	6.37E-02	2.11E-01	2.58E-02	2.80E-03	1.49E-04	7.18E-10	3.82E-11
8.06E-01	8.94E-02	2.41E+00	1.86E-01	6.68E-01	5.42E-02	1.32E+00	7.23E-02	1.74E-01	1.25E-02	5.39E-01	6.22E-02	2.25E-01	2.67E-02	3.21E-03	1.71E-04	8.22E-10	4.36E-11
7.25E-01	9.84E-02	2.15E+00	1.85E-01	5.33E-01	5.13E-02	1.22E+00	6.98E-02	1.58E-01	1.21E-02	4.99E-01	6.78E-02	2.22E-01	2.87E-02	2.99E-03	1.65E-04	7.65E-10	4.22E-11
8.72E-01	9.82E-02	1.73E+00	1.87E-01	4.82E-01	5.26E-02	9.67E-01	6.78E-02	1.29E-01	1.16E-02	5.90E-01	6.72E-02	2.68E-01	3.19E-02	2.35E-03	1.43E-04	6.01E-10	3.65E-11
8.15E-01	1.13E-01	1.28E+00	1.82E-01	4.99E-01	5.24E-02	6.83E-01	7.29E-02	9.71E-02	1.21E-02	5.68E-01	7.76E-02	2.49E-01	3.65E-02	1.65E-03	1.46E-04	4.20E-10	3.77E-11
9.09E-01	1.18E-01	1.47E+00	1.86E-01	5.18E-01	5.25E-02	6.76E-01	7.88E-02	1.08E-01	1.32E-02	6.14E-01	8.06E-02	3.05E-01	3.71E-02	1.58E-03	1.65E-04	4.04E-10	4.25E-11
1.27E+00	1.23E-01	1.53E+00	1.82E-01	5.31E-01	5.29E-02	6.84E-01	7.36E-02	1.27E-01	1.28E-02	8.64E-01	8.33E-02	3.92E-01	3.84E-02	1.59E-03	1.61E-04	4.10E-10	4.15E-11
1.15E+00	1.73E-01	2.08E+00	1.95E-01	7.88E-01	7.29E-02	7.07E-01	6.69E-02	1.40E-01	1.17E-02	8.02E-01	1.19E-01	3.37E-01	5.22E-02	1.64E-03	1.38E-04	4.21E-10	3.57E-11
9.63E-01	1.72E-01	2.26E+00	2.58E-01	7.92E-01	1.03E-01	9.08E-01	7.28E-02	1.76E-01	1.59E-02	6.57E-01	1.17E-01	3.10E-01	4.72E-02	1.91E-03	1.34E-04	4.94E-10	3.46E-11
1.20E+00	1.36E-01	2.06E+00	3.12E-01	7.38E-01	1.06E-01	1.02E+00	1.17E-01	1.66E-01	2.26E-02	8.11E-01	9.43E-02	3.58E-01	4.21E-02	2.36E-03	2.32E-04	6.09E-10	5.97E-11
1.33E+00	1.52E-01	2.36E+00	3.39E-01	7.06E-01	1.02E-01	9.84E-01	1.46E-01	1.64E-01	2.66E-02	8.99E-01	1.05E-01	3.94E-01	4.51E-02	2.36E-03	3.24E-04	6.08E-10	8.36E-11
1.53E+00	1.32E-01	4.28E+00	3.17E-01	1.17E+00	8.49E-02	1.82E+00	1.46E-01	3.11E-01	2.53E-02	1.05E+00	9.32E-02	4.16E-01	3.82E-02	3.84E-03	3.34E-04	9.86E-10	8.62E-11
1.38E+00	1.08E-01	3.47E+00	2.34E-01	9.46E-01	7.07E-02	1.55E+00	1.13E-01	2.68E-01	1.74E-02	9.21E-01	7.20E-02	3.88E-01	3.27E-02	3.45E-03	2.66E-04	8.86E-10	6.87E-11
1.31E+00	1.32E-01	1.77E+00	2.59E-01	8.65E-01	9.93E-02	8.28E-01	9.77E-02	1.45E-01	2.07E-02	8.68E-01	8.87E-02	4.02E-01	4.02E-02	1.96E-03	2.12E-04	5.06E-10	5.40E-11

9.78E-01	1.13E-01	2.17E+00	3.56E-01	8.66E-01	1.31E-01	9.28E-01	1.44E-01	1.81E-01	2.94E-02	6.46E-01	7.67E-02	3.25E-01	3.22E-02	2.13E-03	3.20E-04	5.49E-10	8.18E-11
9.78E-01	7.42E-02	2.91E+00	3.78E-01	9.69E-01	1.03E-01	1.25E+00	1.74E-01	2.41E-01	3.03E-02	6.65E-01	4.92E-02	3.42E-01	2.30E-02	2.84E-03	4.00E-04	7.31E-10	1.03E-10
9.76E-01	6.26E-02	2.52E+00	2.32E-01	7.06E-01	5.64E-02	1.20E+00	1.18E-01	1.87E-01	1.79E-02	6.73E-01	4.42E-02	2.80E-01	1.95E-02	2.76E-03	2.80E-04	7.11E-10	7.17E-11
9.79E-01	7.52E-02	2.03E+00	1.67E-01	6.86E-01	5.40E-02	8.77E-01	6.59E-02	1.38E-01	1.14E-02	6.83E-01	5.34E-02	2.58E-01	2.00E-02	1.86E-03	1.44E-04	4.80E-10	3.74E-11
1.08E+00	7.84E-02	2.88E+00	2.11E-01	8.20E-01	5.68E-02	1.16E+00	8.63E-02	2.04E-01	1.48E-02	7.35E-01	5.43E-02	2.69E-01	2.04E-02	2.41E-03	1.80E-04	6.19E-10	4.64E-11
9.91E-01	8.34E-02	2.73E+00	2.06E-01	7.15E-01	5.24E-02	1.14E+00	8.45E-02	1.93E-01	1.40E-02	6.65E-01	5.65E-02	2.87E-01	2.25E-02	2.40E-03	1.73E-04	6.20E-10	4.46E-11
1.02E+00	7.72E-02	1.96E+00	1.76E-01	6.21E-01	4.89E-02	7.08E-01	7.00E-02	1.27E-01	1.17E-02	7.05E-01	5.21E-02	2.83E-01	2.09E-02	1.69E-03	1.39E-04	4.38E-10	3.60E-11
9.36E-01	9.71E-02	2.27E+00	1.88E-01	6.50E-01	5.44E-02	9.06E-01	7.53E-02	1.59E-01	1.25E-02	6.39E-01	6.65E-02	2.48E-01	2.75E-02	1.84E-03	1.54E-04	4.76E-10	3.90E-11
1.11E+00	1.05E-01	2.12E+00	2.17E-01	5.72E-01	5.91E-02	7.88E-01	8.26E-02	1.32E-01	1.40E-02	7.53E-01	7.17E-02	3.18E-01	2.96E-02	1.57E-03	1.58E-04	4.06E-10	4.08E-11
9.61E-01	1.15E-01	2.42E+00	2.50E-01	7.52E-01	7.50E-02	9.83E-01	9.33E-02	1.66E-01	1.68E-02	6.52E-01	7.98E-02	2.56E-01	3.13E-02	2.01E-03	1.80E-04	5.21E-10	4.66E-11
7.93E-01	9.50E-02	2.08E+00	2.38E-01	5.62E-01	6.75E-02	8.35E-01	9.45E-02	1.44E-01	1.66E-02	5.42E-01	6.57E-02	2.34E-01	2.50E-02	1.71E-03	1.92E-04	4.45E-10	4.97E-11
6.70E-01	7.34E-02	1.33E+00	1.62E-01	4.57E-01	4.50E-02	5.88E-01	6.34E-02	9.86E-02	1.09E-02	4.58E-01	5.00E-02	2.18E-01	2.19E-02	1.26E-03	1.28E-04	3.28E-10	3.32E-11
7.30E-01	7.56E-02	1.29E+00	1.59E-01	4.35E-01	3.71E-02	5.66E-01	6.39E-02	9.81E-02	9.95E-03	4.75E-01	5.08E-02	2.60E-01	2.21E-02	1.20E-03	1.24E-04	3.11E-10	3.24E-11
7.27E-01	7.31E-02	1.15E+00	1.70E-01	3.81E-01	5.21E-02	5.33E-01	7.01E-02	8.18E-02	1.21E-02	4.20E-01	4.95E-02	2.59E-01	2.39E-02	1.13E-03	1.43E-04	2.95E-10	3.72E-11
5.93E-01	7.84E-02	1.46E+00	1.93E-01	4.09E-01	5.40E-02	6.94E-01	8.08E-02	9.85E-02	1.43E-02	3.64E-01	5.13E-02	2.14E-01	2.47E-02	1.46E-03	1.73E-04	3.81E-10	4.53E-11
6.64E-01	8.58E-02	1.55E+00	1.64E-01	4.35E-01	4.40E-02	6.65E-01	6.95E-02	1.01E-01	1.21E-02	3.98E-01	5.57E-02	2.29E-01	2.63E-02	1.37E-03	1.51E-04	3.57E-10	3.93E-11
7.20E-01	9.32E-02	1.40E+00	1.37E-01	4.80E-01	3.73E-02	6.32E-01	5.51E-02	9.92E-02	9.12E-03	4.86E-01	6.02E-02	2.28E-01	2.85E-02	1.30E-03	1.11E-04	3.40E-10	2.88E-11
8.55E-01	1.00E-01	1.78E+00	1.60E-01	6.24E-01	4.59E-02	7.49E-01	6.10E-02	1.49E-01	1.08E-02	5.83E-01	6.49E-02	2.57E-01	3.08E-02	1.66E-03	1.22E-04	4.34E-10	3.16E-11
9.44E-01	1.05E-01	1.73E+00	1.78E-01	4.99E-01	4.85E-02	7.61E-01	7.21E-02	1.38E-01	1.23E-02	5.94E-01	6.97E-02	3.01E-01	3.27E-02	1.72E-03	1.47E-04	4.50E-10	3.79E-11
9.66E-01	1.04E-01	1.47E+00	1.83E-01	3.65E-01	4.92E-02	6.50E-01	7.19E-02	1.04E-01	1.20E-02	6.38E-01	7.18E-02	2.96E-01	3.20E-02	1.33E-03	1.48E-04	3.46E-10	3.83E-11
8.78E-01	9.42E-02	1.31E+00	2.09E-01	4.89E-01	5.52E-02	5.30E-01	8.34E-02	9.12E-02	1.39E-02	6.12E-01	6.81E-02	2.48E-01	2.73E-02	1.12E-03	1.68E-04	2.92E-10	4.29E-11
7.47E-01	8.64E-02	1.40E+00	2.08E-01	6.44E-01	7.72E-02	5.96E-01	8.41E-02	9.62E-02	1.41E-02	5.44E-01	6.44E-02	1.83E-01	2.36E-02	1.23E-03	1.74E-04	3.20E-10	4.41E-11
7.55E-01	8.42E-02	1.55E+00	1.97E-01	7.10E-01	1.09E-01	6.27E-01	7.70E-02	1.16E-01	1.59E-02	4.93E-01	6.31E-02	1.84E-01	2.27E-02	1.31E-03	1.64E-04	3.42E-10	4.14E-11
9.49E-01	1.10E-01	2.33E+00	2.24E-01	1.09E+00	1.18E-01	9.68E-01	6.74E-02	1.66E-01	1.90E-02	6.37E-01	7.42E-02	2.49E-01	3.01E-02	1.96E-03	1.36E-04	5.09E-10	3.43E-11
7.50E-01	1.01E-01	2.10E+00	2.12E-01	8.76E-01	8.65E-02	9.97E-01	7.99E-02	1.52E-01	1.76E-02	5.05E-01	7.05E-02	2.25E-01	2.75E-02	2.14E-03	1.74E-04	5.58E-10	4.42E-11
9.57E-01	7.99E-02	2.37E+00	2.08E-01	6.40E-01	5.59E-02	1.01E+00	8.79E-02	1.73E-01	1.45E-02	6.47E-01	5.40E-02	2.54E-01	2.15E-02	2.13E-03	1.97E-04	5.55E-10	4.78E-11
9.07E-01	9.83E-02	2.77E+00	2.55E-01	6.72E-01	6.31E-02	1.22E+00	1.05E-01	1.99E-01	1.73E-02	6.14E-01	6.59E-02	2.43E-01	2.57E-02	2.59E-03	2.15E-04	6.75E-10	5.59E-11
9.90E-01	1.20E-01	2.52E+00	2.90E-01	6.68E-01	8.12E-02	1.02E+00	1.11E-01	1.77E-01	1.96E-02	6.50E-01	8.31E-02	2.53E-01	3.17E-02	2.15E-03	2.22E-04	5.60E-10	5.78E-11
8.60E-01	1.36E-01	2.30E+00	3.42E-01	5.99E-01	9.24E-02	1.09E+00	1.32E-01	1.63E-01	2.29E-02	5.92E-01	9.28E-02	2.23E-01	3.49E-02	2.67E-03	2.67E-04	6.93E-10	6.94E-11
8.95E-01	1.34E-01	2.29E+00	3.25E-01	6.45E-01	9.04E-02	1.33E+00	1.27E-01	1.60E-01	2.18E-02	6.16E-01	9.30E-02	2.30E-01	3.58E-02	3.23E-03	2.56E-04	8.40E-10	6.66E-11
7.29E-01	1.37E-01	2.09E+00	3.40E-01	5.28E-01	9.53E-02	9.46E-01	1.33E-01	1.48E-01	2.33E-02	4.94E-01	9.40E-02	1.92E-01	3.56E-02	2.30E-03	2.68E-04	6.00E-10	6.97E-11
6.67E-01	1.21E-01	2.65E+00	3.23E-01	5.60E-01	8.69E-02	1.61E+00	1.30E-01	1.94E-01	2.23E-02	4.58E-01	8.23E-02	2.17E-01	3.06E-02	3.91E-03	2.66E-04	1.02E-09	6.93E-11
6.00E-01	1.18E-01	2.22E+00	2.58E-01	6.38E-01	7.62E-02	1.35E+00	1.03E-01	1.62E-01	1.75E-02	4.29E-01	8.09E-02	2.51E-01	3.17E-02	3.27E-03	2.13E-04	8.55E-10	5.53E-11
6.80E-01	1.28E-01	1.49E+00	2.95E-01	5.00E-01	7.95E-02	6.86E-01	1.12E-01	1.15E-01	1.93E-02	4.87E-01	8.53E-02	2.69E-01	3.34E-02	1.62E-03	2.21E-04	4.22E-10	5.75E-11
6.49E-01	8.97E-02	1.80E+00	2.72E-01	5.88E-01	7.98E-02	7.38E-01	1.12E-01	1.29E-01	2.02E-02	4.69E-01	6.04E-02	1.75E-01	2.56E-02	1.56E-03	2.38E-04	4.04E-10	6.17E-11
5.52E-01	8.79E-02	1.61E+00	2.34E-01	5.87E-01	6.76E-02	7.07E-01	1.02E-01	1.20E-01	1.77E-02	4.03E-01	6.10E-02	1.84E-01	2.98E-02	1.66E-03	2.25E-04	4.27E-10	5.82E-11
6.19E-01	9.45E-02	1.83E+00	1.87E-01	5.22E-01	5.43E-02	1.02E+00	8.68E-02	1.34E-01	1.39E-02	4.16E-01	6.51E-02	2.07E-01	3.07E-02	2.47E-03	1.94E-04	6.34E-10	5.01E-11
8.86E-01	9.31E-02	2.28E+00	1.76E-01	6.82E-01	5.41E-02	1.29E+00	7.38E-02	1.67E-01	1.25E-02	6.13E-01	6.50E-02	2.24E-01	2.83E-02	3.13E-03	1.59E-04	8.02E-10	4.14E-11
1.02E+00	9.29E-02	2.87E+00	1.86E-01	7.95E-01	5.54E-02	1.37E+00	7.33E-02	2.07E-01	1.27E-02	6.91E-01	6.59E-02	2.52E-01	2.69E-02	3.32E-03	1.65E-04	8.51E-10	4.22E-11
8.39E-01	9.15E-02	2.54E+00	1.83E-01	6.54E-01	5.31E-02	1.20E+00	7.39E-02	1.83E-01	1.22E-02	5.59E-01	6.33E-02	2.15E-01	2.79E-02	2.91E-03	1.58E-04	7.45E-10	4.03E-11
7.87E-01	1.02E-01	1.84E+00	1.84E-01	5.09E-01	5.17E-02	9.72E-01	7.07E-02	1.40E-01	1.22E-02	5.02E-01	6.97E-02	2.45E-01	3.00E-02	2.33E-03	1.46E-04	5.96E-10	3.72E-11
9.84E-01	1.06E-01	1.55E+00	1.88E-01	4.41E-01	5.29E-02	7.53E-01	6.84E-02	1.18E-01	1.20E-02	6.40E-01	7.32E-02	3.07E-01	3.51E-02	1.78E-03	1.42E-04	4.56E-10	3.55E-11
1.06E+00	1.32E-01	1.47E+00	2.16E-01	5.73E-01	6.13E-02	7.37E-01	8.76E-02	1.08E-01	1.47E-02	7.11E-01	9.07E-02	3.25E-01	4.25E-02	1.71E-03	1.78E-04	4.40E-10	4.59E-11
1.16E+00	1.33E-01	1.68E+00	2.09E-01	6.21E-01	6.04E-02	8.08E-01	8.99E-02	1.30E-01	1.49E-02	7.82E-01	9.03E-02	3.77E-01	4.13E-02	1.81E-03	1.90E-04	4.66E-10	4.91E-11
1.29E+00	1.43E-01	1.71E+00	1.89E-01	5.94E-01	5.10E-02	6.96E-01	6.81E-02	1.23E-01	1.24E-02	8.83E-01	1.00E-01	3.85E-01	4.64E-02	1.57E-03	1.49E-04	3.95E-10	3.77E-11
9.99E-01	1.82E-01	2.18E+00	2.24E-01	8.32E-01	8.82E-02	7.83E-01	6.82E-02	1.59E-01	1.19E-02	6.99E-01	1.24E-01	3.29E-01	5.29E-02	1.66E-03	1.31E-04	4.27E-10	3.39E-11
1.22E+00	1.65E-01	2.50E+00	3.11E-01	8.00E-01	1.17E-01	1.10E+00	1.02E-01	1.98E-01	2.12E-02	8.28E-01	1.13E-01	3.71E-01	4.41E-02	2.43E-03	1.83E-04	6.30E-10	4.71E-11

Scenario 1 Results

1.43E+00	1.66E-01	2.96E+00	3.82E-01	9.47E-01	1.20E-01	1.27E+00	1.58E-01	2.27E-01	2.92E-02	9.80E-01	1.14E-01	3.82E-01	4.90E-02	2.90E-03	3.39E-04	7.49E-10	8.74E-11
1.62E+00	1.56E-01	3.93E+00	3.55E-01	1.17E+00	1.01E-01	1.61E+00	1.59E-01	2.73E-01	2.83E-02	1.11E+00	1.09E-01	4.53E-01	4.55E-02	3.29E-03	3.61E-04	8.47E-10	9.32E-11
1.83E+00	1.11E-01	4.32E+00	3.06E-01	1.16E+00	9.11E-02	1.91E+00	1.46E-01	3.28E-01	2.34E-02	1.23E+00	8.19E-02	4.93E-01	3.53E-02	4.22E-03	3.39E-04	1.09E-09	8.76E-11
1.54E+00	1.40E-01	2.17E+00	2.74E-01	9.49E-01	1.02E-01	9.63E-01	1.03E-01	1.67E-01	2.15E-02	1.03E+00	9.35E-02	4.60E-01	4.27E-02	2.23E-03	2.22E-04	5.79E-10	5.65E-11
1.23E+00	1.32E-01	2.13E+00	3.58E-01	8.49E-01	1.38E-01	8.94E-01	1.40E-01	1.81E-01	2.97E-02	8.20E-01	8.90E-02	4.02E-01	3.86E-02	2.01E-03	3.09E-04	5.19E-10	7.90E-11
1.02E+00	8.17E-02	2.86E+00	3.98E-01	1.03E+00	1.16E-01	1.18E+00	1.79E-01	2.39E-01	3.21E-02	6.93E-01	5.50E-02	3.44E-01	2.60E-02	2.66E-03	4.09E-04	6.88E-10	1.05E-10
9.30E-01	6.36E-02	2.66E+00	2.66E-01	7.01E-01	5.86E-02	1.26E+00	1.35E-01	1.98E-01	2.05E-02	6.40E-01	4.46E-02	3.17E-01	1.99E-02	2.97E-03	3.17E-04	7.67E-10	8.15E-11
9.66E-01	7.80E-02	1.95E+00	1.69E-01	6.47E-01	5.48E-02	8.73E-01	7.23E-02	1.51E-01	1.14E-02	6.70E-01	5.53E-02	2.62E-01	2.10E-02	1.94E-03	1.59E-04	5.03E-10	4.11E-11
1.10E+00	8.15E-02	2.85E+00	2.17E-01	8.23E-01	5.88E-02	1.13E+00	8.85E-02	2.00E-01	1.52E-02	7.51E-01	5.64E-02	2.77E-01	2.13E-02	2.32E-03	1.84E-04	5.98E-10	4.74E-11
1.03E+00	8.67E-02	2.73E+00	2.09E-01	7.29E-01	5.34E-02	1.13E+00	8.51E-02	1.91E-01	1.41E-02	6.91E-01	5.87E-02	2.90E-01	2.35E-02	2.33E-03	1.73E-04	6.03E-10	4.46E-11
1.07E+00	8.01E-02	2.05E+00	1.79E-01	6.48E-01	5.06E-02	7.20E-01	7.08E-02	1.33E-01	1.19E-02	7.37E-01	5.40E-02	2.97E-01	2.17E-02	1.71E-03	1.40E-04	4.44E-10	3.62E-11
9.59E-01	1.01E-01	2.30E+00	1.98E-01	6.54E-01	5.62E-02	9.20E-01	7.88E-02	1.61E-01	1.30E-02	6.54E-01	6.90E-02	2.52E-01	2.86E-02	1.87E-03	1.58E-04	4.84E-10	4.05E-11
1.13E+00	1.08E-01	2.27E+00	2.24E-01	6.10E-01	6.06E-02	8.53E-01	8.55E-02	1.43E-01	1.44E-02	7.72E-01	7.36E-02	3.21E-01	3.04E-02	1.61E-03	1.63E-04	4.17E-10	4.24E-11
9.66E-01	1.14E-01	2.39E+00	2.51E-01	7.14E-01	7.55E-02	9.64E-01	9.33E-02	1.62E-01	1.69E-02	6.57E-01	7.94E-02	2.57E-01	3.10E-02	1.96E-03	1.80E-04	5.08E-10	4.67E-11
7.84E-01	8.96E-02	1.82E+00	2.19E-01	4.94E-01	6.05E-02	7.30E-01	8.76E-02	1.25E-01	1.51E-02	5.31E-01	6.18E-02	2.34E-01	2.52E-02	1.49E-03	1.77E-04	3.87E-10	4.59E-11
6.60E-01	7.75E-02	1.40E+00	1.64E-01	4.60E-01	4.59E-02	5.70E-01	6.41E-02	9.59E-02	1.11E-02	4.30E-01	5.24E-02	2.33E-01	2.30E-02	1.22E-03	1.28E-04	3.17E-10	3.30E-11
7.43E-01	7.62E-02	1.26E+00	1.66E-01	3.90E-01	4.03E-02	5.90E-01	6.83E-02	9.88E-02	1.04E-02	4.86E-01	5.24E-02	2.66E-01	2.42E-02	1.26E-03	1.35E-04	3.26E-10	3.51E-11
7.37E-01	7.68E-02	1.28E+00	1.88E-01	4.11E-01	5.69E-02	5.75E-01	7.49E-02	9.12E-02	1.37E-02	4.29E-01	5.05E-02	2.63E-01	2.49E-02	1.22E-03	1.55E-04	3.18E-10	4.04E-11
6.23E-01	8.25E-02	1.57E+00	1.98E-01	4.16E-01	5.45E-02	7.30E-01	8.37E-02	9.81E-02	1.48E-02	3.92E-01	5.40E-02	1.91E-01	2.57E-02	1.53E-03	1.81E-04	3.99E-10	4.74E-11
7.02E-01	9.07E-02	1.52E+00	1.56E-01	3.97E-01	4.17E-02	6.30E-01	6.59E-02	1.01E-01	1.15E-02	3.95E-01	5.90E-02	2.41E-01	2.76E-02	1.29E-03	1.42E-04	3.36E-10	3.71E-11
8.01E-01	1.00E-01	1.62E+00	1.50E-01	5.55E-01	4.33E-02	7.16E-01	5.56E-02	1.19E-01	9.94E-03	5.43E-01	6.47E-02	2.45E-01	3.05E-02	1.47E-03	1.12E-04	3.84E-10	2.91E-11
8.79E-01	1.08E-01	1.85E+00	1.79E-01	6.18E-01	5.05E-02	7.92E-01	6.96E-02	1.54E-01	1.22E-02	5.79E-01	7.05E-02	2.81E-01	3.35E-02	1.77E-03	1.40E-04	4.62E-10	3.63E-11
9.69E-01	1.11E-01	1.58E+00	1.84E-01	4.38E-01	4.85E-02	6.65E-01	7.66E-02	1.19E-01	1.28E-02	6.14E-01	7.45E-02	3.04E-01	3.47E-02	1.51E-03	1.57E-04	3.95E-10	4.06E-11
9.13E-01	1.05E-01	1.39E+00	2.11E-01	3.98E-01	5.63E-02	6.05E-01	8.34E-02	9.87E-02	1.40E-02	6.12E-01	7.35E-02	2.95E-01	3.20E-02	1.26E-03	1.66E-04	3.28E-10	4.26E-11
7.77E-01	9.72E-02	1.35E+00	2.25E-01	5.20E-01	5.91E-02	5.91E-01	9.03E-02	8.89E-02	1.50E-02	5.52E-01	6.69E-02	2.37E-01	2.70E-02	1.21E-03	1.83E-04	3.16E-10	4.68E-11
6.90E-01	8.43E-02	1.59E+00	2.13E-01	6.50E-01	8.43E-02	6.34E-01	8.68E-02	1.08E-01	1.46E-02	4.72E-01	6.11E-02	2.12E-01	2.27E-02	1.31E-03	1.81E-04	3.40E-10	4.60E-11
9.69E-01	1.08E-01	2.01E+00	1.89E-01	8.75E-01	1.11E-01	7.01E-01	7.43E-02	1.40E-01	1.59E-02	6.36E-01	7.19E-02	2.36E-01	2.99E-02	1.39E-03	1.60E-04	3.51E-10	4.04E-11
9.32E-01	1.17E-01	2.39E+00	2.13E-01	1.19E+00	1.16E-01	1.02E+00	6.39E-02	1.72E-01	1.84E-02	6.35E-01	8.01E-02	2.51E-01	3.16E-02	2.10E-03	1.37E-04	5.47E-10	3.20E-11
7.91E-01	8.90E-02	1.74E+00	1.97E-01	8.31E-01	7.76E-02	8.43E-01	7.77E-02	1.27E-01	1.63E-02	5.46E-01	6.33E-02	2.29E-01	2.37E-02	1.85E-03	1.77E-04	4.85E-10	4.27E-11
1.02E+00	9.84E-02	2.66E+00	2.43E-01	7.13E-01	6.12E-02	1.12E+00	9.86E-02	1.93E-01	1.63E-02	6.92E-01	6.60E-02	2.66E-01	2.61E-02	2.40E-03	2.10E-04	6.24E-10	5.20E-11
1.06E+00	1.27E-01	2.76E+00	3.01E-01	7.52E-01	8.37E-02	1.13E+00	1.22E-01	1.94E-01	2.02E-02	6.96E-01	8.81E-02	2.71E-01	3.43E-02	2.39E-03	2.51E-04	6.22E-10	6.55E-11
1.04E+00	1.51E-01	2.70E+00	3.74E-01	7.09E-01	1.03E-01	1.11E+00	1.44E-01	1.87E-01	2.52E-02	6.95E-01	1.03E-01	2.67E-01	3.90E-02	2.28E-03	2.90E-04	5.93E-10	7.54E-11
9.88E-01	1.47E-01	2.47E+00	3.69E-01	6.99E-01	9.82E-02	1.21E+00	1.44E-01	1.70E-01	2.48E-02	6.80E-01	9.94E-02	2.56E-01	3.84E-02	2.96E-03	2.92E-04	7.70E-10	7.60E-11
7.20E-01	1.39E-01	1.98E+00	3.37E-01	5.08E-01	9.33E-02	1.08E+00	1.31E-01	1.39E-01	2.28E-02	4.89E-01	9.48E-02	1.90E-01	3.63E-02	2.62E-03	2.62E-04	6.82E-10	6.83E-11
6.62E-01	1.16E-01	1.73E+00	2.97E-01	4.64E-01	7.89E-02	1.02E+00	1.18E-01	1.23E-01	2.02E-02	4.53E-01	7.84E-02	2.12E-01	3.10E-02	2.47E-03	2.40E-04	6.47E-10	6.25E-11
7.29E-01	1.23E-01	1.99E+00	2.58E-01	6.21E-01	7.97E-02	1.21E+00	9.62E-02	1.45E-01	1.73E-02	4.81E-01	8.41E-02	2.42E-01	3.30E-02	2.93E-03	1.97E-04	7.67E-10	5.13E-11
8.70E-01	1.27E-01	1.72E+00	2.92E-01	6.77E-01	8.45E-02	7.81E-01	1.14E-01	1.42E-01	2.01E-02	5.63E-01	8.70E-02	2.66E-01	3.41E-02	1.89E-03	2.25E-04	4.95E-10	5.87E-11
7.56E-01	1.70E-01	1.82E+00	3.89E-01	5.45E-01	1.07E-01	6.96E-01	1.40E-01	1.26E-01	2.48E-02	5.19E-01	1.13E-01	2.61E-01	4.31E-02	1.44E-03	2.73E-04	3.75E-10	7.11E-11
6.78E-01	1.15E-01	1.60E+00	2.99E-01	5.08E-01	8.51E-02	6.98E-01	1.20E-01	1.23E-01	2.11E-02	4.88E-01	7.77E-02	1.79E-01	2.87E-02	1.56E-03	2.44E-04	4.04E-10	6.36E-11
6.95E-01	9.22E-02	1.91E+00	2.81E-01	6.50E-01	8.23E-02	7.83E-01	1.16E-01	1.38E-01	2.08E-02	5.02E-01	6.27E-02	1.88E-01	2.70E-02	1.86E-03	2.45E-04	4.77E-10	6.37E-11
5.72E-01	9.16E-02	2.02E+00	2.42E-01	6.30E-01	7.02E-02	1.12E+00	1.05E-01	1.48E-01	1.84E-02	4.12E-01	6.49E-02	1.95E-01	3.10E-02	2.69E-03	2.33E-04	6.92E-10	6.02E-11
7.23E-01	9.96E-02	2.39E+00	1.91E-01	5.44E-01	5.59E-02	1.32E+00	8.90E-02	1.76E-01	1.46E-02	5.05E-01	6.84E-02	1.95E-01	3.28E-02	3.19E-03	1.99E-04	8.19E-10	5.15E-11
1.04E+00	9.90E-02	2.54E+00	1.82E-01	7.89E-01	5.57E-02	1.30E+00	7.55E-02	1.79E-01	1.27E-02	7.20E-01	6.82E-02	2.66E-01	3.04E-02	3.11E-03	1.62E-04	7.99E-10	4.22E-11
1.08E+00	9.57E-02	3.07E+00	1.88E-01	8.44E-01	5.91E-02	1.29E+00	7.67E-02	2.21E-01	1.33E-02	7.35E-01	6.73E-02	2.69E-01	2.78E-02	2.75E-03	1.61E-04	6.99E-10	4.10E-11
8.34E-01	9.61E-02	2.60E+00	1.90E-01	6.43E-01	5.60E-02	1.18E+00	7.59E-02	1.87E-01	1.26E-02	5.52E-01	6.62E-02	2.24E-01	3.00E-02	2.60E-03	1.63E-04	6.61E-10	4.15E-11
8.26E-01	1.08E-01	1.72E+00	1.92E-01	4.99E-01	5.44E-02	8.19E-01	7.48E-02	1.37E-01	1.29E-02	5.20E-01	7.41E-02	2.59E-01	3.22E-02	1.79E-03	1.52E-04	4.59E-10	3.83E-11
1.22E+00	1.28E-01	1.74E+00	2.21E-01	5.13E-01	6.31E-02	7.90E-01	8.36E-02	1.32E-01	1.42E-02	7.83E-01	8.79E-02	3.83E-01	4.20E-02	1.77E-03	1.70E-04	4.52E-10	4.28E-11
1.23E+00	1.50E-01	1.70E+00	2.44E-01	6.52E-01	6.88E-02	8.55E-01	9.98E-02	1.29E-01	1.68E-02	8.16E-01	1.03E-01	3.82E-01	4.79E-02	1.94E-03	2.04E-04	5.00E-10	5.29E-11
1.29E+00	1.35E-01	1.68E+00	1.96E-01	5.90E-01	5.84E-02	7.36E-01	8.51E-02	1.24E-01	1.39E-02	8.73E-01	9.13E-02	4.10E-01	4.20E-02	1.66E-03	1.81E-04	4.26E-10	4.69E-11
1.24E+00	1.71E-01	1.98E+00	2.02E-01	7.37E-01	6.45E-02	7.24E-01	6.93E-02	1.26E-01	1.25E-02	8.57E-01	1.19E-01	3.74E-01	5.33E-02	1.62E-03	1.50E-04	4.16E-10	3.76E-11
1.11E+00	1.96E-01	2.86E+00	2.93E-01	9.73E-01	1.18E-01	1.15E+00	8.75E-02	2.22E-01	1.82E-02	7.61E-01	1.34E-01	3.47E-01	5.35E-02	2.41E-03	1.62E-04	6.23E-10	4.19E-11
1.59E+00	1.73E-01	3.15E+00	3.90E-01	9.79E-01	1.33E-01	1.52E+00	1.49E-01	2.49E-01	2.87E-02	1.08E+00	1.19E-01	4.38E-01	5.20E-02	3.51E-03	3.04E-04	9.10E-10	7.86E-11
1.61E+00	1.81E-01	3.78E+00	3.96E-01	1.12E+00	1.17E-01	1.49E+00	1.72E-01	2.59E-01	3.11E-02	1.09E+00	1.25E-01	4.61E-01	5.30E-02	3.01E-03	3.83E-04	7.83E-10	9.90E-11
1.80E+00	1.38E-01	4.75E+00	3.40E-01	1.29E+00	1.03E-01	2.07E+00	1.60E-01	3.54E-01	2.70E-02	1.22E+00	9.99E-02	4.87E-01	3.90E-02	4.46E-03	3.68E-04	1.15E-09	9.50E-11
1.57E+00	1.36E-01	2.57E+00	2.76E-01	9.05E-01	9.71E-02	1.17E+00	1.09E-01	2.00E-01	2.09E-02	1.05E+00	9.04E-02	4.62E-01	4.16E-02	2.63E-03	2.57E-04	6.78E-10	6.62E-11
1.43E+00	1.48E-01	2.10E+00	3.52E-01	8.77E-01	1.42E-01	8.68E-01	1.34E-01	1.79E-01	2.91E-02	9.60E-01	9.94E-02	4.57E-01	4.44E-02	2.01E-03	2.91E-04	5.21E-10	7.43E-11
1.02E+00	9.80E-02	2.72E+00	4.13E-01	1.09E+00	1.30E-01	1.10E+00	1.80E-01	2.31E-01	3.36E-02	6.95E-01	6.70E-02	3.31E-01	2.92E-02	2.55E-03	4.08E-04	6.58E-10	1.05E-10
9.87E-01	6.98E-02	2.71E+00	2.96E-01	6.88E-01	5.85E-02	1.31E+00	1.48E-01	2.10E-01	2.29E-02	6.54E-01	4.88E-02	3.44E-01	2.14E-02	3.07E-03	3.48E-04	7.93E-10	8.95E-11
9.77E-01	7.93E-02	1.97E+00	1.65E-01	6.49E-01	5.32E-02	8.58E-01	7.58E-02	1.56E-01	1.21E-02	6.63E-01	5.60E-02	2.67E-01	2.16E-02	1.99E-03	1.66E-04	5.17E-10	4.31E-11
1.12E+00	8.44E-02	2.77E+00	2.22E-01	8.17E-01	6.07E-02	1.08E+00	9.01E-02	1.94E-01	1.55E-02	7.62E-01	5.84E-02	2.83E-01	2.21E-02	2.19E-03	1.87E-04	5.66E-10	4.81E-11
1.11E+00	9.28E-02	2.88E+00	2.22E-01	7.82E-01	5.70E-02	1.17E+00	9.04E-02	2.01E-01	1.50E-02	7.47E-01	6.28E-02	3.10E-01	2.52E-02	2.41E-03	1.83E-04	6.24E-10	4.73E-11
1.14E+00	8.67E-02	2.20E+00	1.94E-01	6.95E-01	5.45E-02	7.91E-01	7.64E-02	1.43E-01	1.29E-02	7.86E-01	5.82E-02	3.16E-01	2.35E-02	1.88E-03	1.50E-04	4.88E-10	3.90E-11
1.01E+00	1.10E-01	2.44E+00	2.19E-01	6.93E-01	6.19E-02	9.84E-01	8.69E-02	1.72E-01	1.43E-02	6.91E-01	7.49E-02	2.80E-01	3.09E-02	2.01E-03	1.72E-04	5.20E-10	4.45E-11
1.19E+00	1.16E-01	2.49E+00	2.42E-01	6.79E-01	6.51E-02	9.43E-01	9.28E-02	1.60E-01	1.56E-02	8.08E-01	7.86E-02	3.30E-01	3.24E-02	1.81E-03	1.78E-04	4.69E-10	4.62E-11
1.02E+00	1.19E-01	2.49E+00	2.62E-01	7.11E-01	8.00E-02	9.95E-01	9.77E-02	1.68E-01	1.78E-02	6.92E-01	8.23E-02	2.70E-01	3.18E-02	2.01E-03	1.89E-04	5.22E-10	4.89E-11
8.13E-01	9.29E-02	1.67E+00	2.10E-01	5.07E-01	5.64E-02	6.82E-01	8.51E-02	1.18E-01	1.44E-02	5.53E-01	6.37E-02	2.37E-01	2.59E-02	1.39E-03	1.72E-04	3.61E-10	4.45E-11
7.41E-01	8.18E-02	1.46E+00	1.66E-01	4.75E-01	4.66E-02	5.80E-01	6.54E-02	1.03E-01	1.14E-02	4.71E-01	5.48E-02	2.64E-01	2.42E-02	1.22E-03	1.30E-04	3.18E-10	3.39E-11
7.64E-01	7.92E-02	1.28E+00	1.77E-01	3.83E-01	4.81E-02	6.28E-01	7.39E-02	1.01E-01	1.11E-02	4.75E-01	5.46E-02	2.73E-01	2.63E-02	1.34E-03	1.48E-04	3.48E-10	3.85E-11
7.43E-01	8.17E-02	1.41E+00	2.08E-01	4.36E-01	6.14E-02	6.35E-01	8.45E-02	1.04E-01	1.54E-02	4.36E-01	5.36E-02	2.66E-01	2.63E-02	1.34E-03	1.78E-04	3.50E-10	4.65E-11
6.68E-01	8.81E-02	1.68E+00	1.99E-01	4.36E-01	5.42E-02	7.61E-01	8.47E-02	1.05E-01	1.49E-02	4.23E-01	5.77E-02	2.19E-01	2.72E-02	1.59E-03	1.84E-04	4.14E-10	4.81E-11
7.09E-01	9.73E-02	1.45E+00	1.53E-01	3.87E-01	3.90E-02	5.86E-01	6.23E-02	1.00E-01	1.07E-02	4.37E-01	6.34E-02	2.42E-01	2.94E-02	1.30E-03	1.32E-04	3.22E-10	3.44E-11
8.39E-01	1.09E-01	1.78E+00	1.71E-01	6.04E-01	4.94E-02	7.71E-01	6.40E-02	1.35E-01	1.15E-02	5.72E-01	7.04E-02	2.51E-01	3.32E-02	1.58E-03	1.28E-04	4.12E-10	3.31E-11
9.43E-01	1.17E-01	1.78E+00	1.92E-01	5.67E-01	5.31E-02	7.80E-01	7.72E-02	1.47E-01	1.33E-02	5.78E-01	7.66E-02	2.96E-01	3.63E-02	1.75E-03	1.56E-04	4.57E-10	4.06E-11
9.51E-01	1.15E-01	1.58E+00	1.93E-01	3.97E-01	5.25E-02	7.00E-01	7.69E-02	1.13E-01	1.27E-02	6.11E-01	7.81E-02	3.22E-01	3.58E-02	1.43E-03	1.58E-04	3.74E-10	4.10E-11
8.51E-01	1.04E-01	1.44E+00	2.36E-01	4.18E-01	6.21E-02	6.12E-01	9.38E-02	1.06E-01	1.56E-02	6.01E-01	7.29E-02	3.01E-01	3.04E-02	1.29E-03	1.88E-04	3.38E-10	4.82E-11
7.69E-01	9.87E-02	1.61E+00	2.36E-01	5.59E-01	6.57E-02	7.03E-01	9.53E-02	1.05E-01	1.59E-02	5.18E-01	6.78E-02	2.38E-01	2.70E-02	1.45E-03	1.95E-04	3.79E-10	4.98E-11
9.45E-01	1.04E-01	1.73E+00	2.13E-01	7.03E-01	9.80E-02	7.22E-01	8.84E-02	1.22E-01	1.48E-02	6.13E-01	6.92E-02	2.42E-01	3.00E-02	1.51E-03	1.87E-04	3.93E-10	4.76E-11
1.07E+00	1.26E-01	2.30E+00	1.86E-01	1.03E+00	1.14E-01	8.58E-01	6.81E-02	1.63E-01	1.58E-02	7.13E-01	8.50E-02	2.71E-01	3.46E-02	1.62E-03	1.48E-04	4.23E-10	3.74E-11
7.98E-01	1.06E-01	2.03E+00	1.90E-01	1.14E+00	1.02E-01	8.96E-01	6.53E-02	1.48E-01	1.63E-02	5.22E-01	7.42E-02	2.39E-01	2.84E-02	1.86E-03	1.49E-04	4.85E-10	3.45E-11
9.70E-01	9.49E-02	2.01E+00	2.14E-01	6.67E-01	6.03E-02	7.48E-01	8.34E-02	1.35E-01	1.42E-02	6.56E-01	6.39E-02	2.61E-01	2.56E-02	1.64E-03	1.84E-04	4.11E-10	4.35E-11
9.44E-01	1.13E-01	2.81E+00	2.84E-01	7.36E-01	7.12E-02	1.17E+00	1.14E-01	2.03E-01	1.90E-02	6.42E-01	7.58E-02	2.57E-01	2.97E-02	2.55E-03	2.32E-04	6.63E-10	6.05E-11
1.23E+00	1.65E-01	3.07E+00	3.99E-01	8.18E-01	1.11E-01	1.25E+00	1.54E-01	2.16E-01	2.70E-02	8.18E-01	1.14E-01	3.14E-01	4.33E-02	2.63E-03	3.07E-04	6.86E-10	8.00E-11
1.14E+00	1.74E-01	2.78E+00	4.42E-01	8.01E-01	1.19E-01	1.14E+00	1.73E-01	1.90E-01	2.98E-02	7.86E-01	1.18E-01	2.96E-01	4.43E-02	2.62E-03	3.49E-04	6.81E-10	9.11E-11
8.73E-01	1.54E-01	2.38E+00	3.77E-01	6.19E-01	1.04E-01	1.21E+00	1.47E-01	1.67E-01	2.55E-02	5.94E-01	1.06E-01	2.24E-01	4.04E-02	2.95E-03	2.93E-04	7.67E-10	7.64E-11
7.51E-01	1.25E-01	1.86E+00	3.05E-01	4.81E-01	8.04E-02	8.34E-01	1.21E-01	1.31E-01	2.06E-02	5.15E-01	8.56E-02	2.10E-01	3.44E-02	1.90E-03	2.45E-04	4.87E-10	6.37E-11
8.93E-01	1.31E-01	1.73E+00	2.66E-01	6.94E-01	8.44E-02	8.03E-01	9.60E-02	1.21E-01	1.78E-02	5.87E-01	8.98E-02	2.29E-01	3.53E-02	1.93E-03	1.91E-04	5.05E-10	4.97E-11
1.03E+00	1.28E-01	1.41E+00	2.87E-01	7.75E-01	8.57E-02	6.63E-01	1.11E-01	1.18E-01	1.98E-02	6.59E-01	8.80E-02	2.58E-01	3.45E-02	1.53E-03	2.15E-04	3.95E-10	5.62E-11
8.53E-01	1.70E-01	1.72E+00	3.69E-01	6.98E-01	1.01E-01	6.35E-01	1.29E-01	1.38E-01	2.27E-02	5.41E-01	1.13E-01	2.61E-01	4.36E-02	1.42E-03	2.56E-04	3.71E-10	6.68E-11
9.43E-01	2.16E-01	2.17E+00	5.17E-01	6.06E-01	1.46E-01	8.47E-01	1.87E-01	1.49E-01	3.36E-02	6.40E-01	1.44E-01	2.52E-01	5.29E-02	1.74E-03	3.69E-04	4.53E-10	9.61E-11
6.75E-01	1.42E-01	1.93E+00	3.11E-01	5.35E-01	8.39E-02	8.38E-01	1.21E-01	1.41E-01	2.05E-02	4.70E-01	9.52E-02	1.96E-01	3.84E-02	1.81E-03	2.36E-04	4.69E-10	6.14E-11
7.50E-01	1.19E-01	1.69E+00	3.03E-01	5.57E-01	8.60E-02	7.65E-01	1.21E-01	1.28E-01	2.13E-02	5.39E-01	7.98E-02	1.97E-01	2.97E-02	1.74E-03	2.46E-04	4.48E-10	6.41E-11
7.28E-01	9.66E-02	2.01E+00	2.84E-01	7.03E-01	8.29E-02	1.05E+00	1.17E-01	1.45E-01	2.10E-02	5.25E-01	6.65E-02	1.93E-01	2.81E-02	2.50E-03	2.47E-04	6.43E-10	6.42E-11
5.98E-01	9.83E-02	2.31E+00	2.50E-01	6.66E-01	7.24E-02	1.22E+00	1.07E-01	1.74E-01	1.90E-02	4.18E-01	6.91E-02	2.01E-01	3.21E-02	2.89E-03	2.37E-04	7.43E-10	6.14E-11
8.57E-01	1.04E-01	2.32E+00	1.95E-01	5.67E-01	5.66E-02	1.16E+00	9.01E-02	1.78E-01	1.51E-02	5.98E-01	7.15E-02	2.33E-01	3.47E-02	2.71E-03	2.02E-04	6.98E-10	5.23E-11
1.17E+00	1.05E-01	2.81E+00	1.87E-01	8.81E-01	6.13E-02	1.07E+00	7.59E-02	1.98E-01	1.27E-02	8.07E-01	7.19E-02	2.98E-01	3.28E-02	2.31E-03	1.63E-04	5.94E-10	4.24E-11

Scenario 1 Results

1.16E+00	1.01E-01	3.34E+00	2.01E-01	9.12E-01	6.56E-02	1.40E+00	8.24E-02	2.41E-01	1.43E-02	7.84E-01	7.04E-02	2.85E-01	2.93E-02	3.01E-03	1.73E-04	7.67E-10	4.42E-11
8.60E-01	1.04E-01	2.80E+00	2.03E-01	6.63E-01	6.26E-02	1.29E+00	8.14E-02	2.02E-01	1.35E-02	5.66E-01	7.13E-02	2.46E-01	3.28E-02	2.85E-03	1.75E-04	7.26E-10	4.47E-11
9.39E-01	1.26E-01	1.99E+00	2.30E-01	5.77E-01	6.46E-02	9.65E-01	9.00E-02	1.49E-01	1.56E-02	5.84E-01	8.61E-02	2.93E-01	3.73E-02	2.12E-03	1.85E-04	5.43E-10	4.67E-11
1.35E+00	1.48E-01	1.83E+00	2.49E-01	6.10E-01	7.21E-02	8.97E-01	9.77E-02	1.32E-01	1.64E-02	8.64E-01	1.02E-01	4.23E-01	4.84E-02	2.01E-03	1.94E-04	5.19E-10	5.04E-11
1.12E+00	1.55E-01	1.77E+00	2.35E-01	6.06E-01	6.66E-02	7.68E-01	9.74E-02	1.30E-01	1.63E-02	7.40E-01	1.06E-01	3.60E-01	4.97E-02	1.85E-03	2.00E-04	4.75E-10	5.18E-11
1.39E+00	1.44E-01	1.67E+00	2.06E-01	5.70E-01	5.97E-02	7.50E-01	8.25E-02	1.31E-01	1.43E-02	9.47E-01	9.88E-02	4.25E-01	4.67E-02	1.69E-03	1.77E-04	4.21E-10	4.59E-11
1.26E+00	2.04E-01	2.66E+00	2.50E-01	9.90E-01	9.73E-02	9.35E-01	8.43E-02	1.91E-01	1.47E-02	8.73E-01	1.40E-01	3.90E-01	6.00E-02	1.93E-03	1.76E-04	5.02E-10	4.57E-11
1.52E+00	1.94E-01	3.55E+00	3.77E-01	1.04E+00	1.43E-01	1.57E+00	1.29E-01	2.81E-01	2.60E-02	1.03E+00	1.33E-01	4.41E-01	5.49E-02	3.48E-03	2.54E-04	9.03E-10	6.57E-11
1.55E+00	2.02E-01	3.38E+00	4.32E-01	1.07E+00	1.35E-01	1.42E+00	1.79E-01	2.49E-01	3.31E-02	1.05E+00	1.40E-01	4.34E-01	6.02E-02	3.23E-03	3.83E-04	8.38E-10	9.92E-11
1.74E+00	1.70E-01	4.78E+00	3.74E-01	1.31E+00	1.06E-01	2.01E+00	1.69E-01	3.44E-01	2.97E-02	1.19E+00	1.21E-01	5.01E-01	4.97E-02	4.21E-03	3.84E-04	1.09E-09	9.94E-11
1.57E+00	1.28E-01	3.39E+00	2.91E-01	9.00E-01	9.42E-02	1.52E+00	1.26E-01	2.60E-01	2.10E-02	1.05E+00	8.50E-02	4.56E-01	3.91E-02	3.38E-03	2.94E-04	8.72E-10	7.59E-11
1.53E+00	1.57E-01	1.98E+00	3.38E-01	9.74E-01	1.39E-01	9.31E-01	1.25E-01	1.73E-01	2.77E-02	1.03E+00	1.05E-01	4.78E-01	4.79E-02	2.20E-03	2.68E-04	5.70E-10	6.83E-11
1.14E+00	1.19E-01	2.51E+00	4.21E-01	1.13E+00	1.45E-01	1.10E+00	1.76E-01	2.16E-01	3.45E-02	7.79E-01	8.11E-02	3.83E-01	3.33E-02	2.59E-03	3.94E-04	6.71E-10	1.01E-10
1.04E+00	7.60E-02	2.78E+00	3.32E-01	6.93E-01	6.95E-02	1.34E+00	1.64E-01	2.22E-01	2.59E-02	6.96E-01	5.31E-02	3.58E-01	2.43E-02	3.13E-03	3.83E-04	8.10E-10	9.85E-11
9.90E-01	8.20E-02	2.06E+00	1.80E-01	6.92E-01	5.20E-02	9.47E-01	8.19E-02	1.65E-01	1.33E-02	6.94E-01	5.78E-02	2.77E-01	2.28E-02	2.24E-03	1.80E-04	5.78E-10	4.67E-11
1.14E+00	8.87E-02	2.72E+00	2.32E-01	8.18E-01	6.43E-02	1.05E+00	9.35E-02	1.89E-01	1.62E-02	7.76E-01	6.14E-02	2.91E-01	2.31E-02	2.24E-03	1.93E-04	5.79E-10	4.98E-11
1.19E+00	9.87E-02	3.01E+00	2.36E-01	8.33E-01	6.06E-02	1.22E+00	9.59E-02	2.10E-01	1.59E-02	8.03E-01	6.68E-02	3.29E-01	2.68E-02	2.48E-03	1.94E-04	6.42E-10	5.01E-11
1.21E+00	9.38E-02	2.32E+00	2.10E-01	7.36E-01	5.81E-02	8.60E-01	8.26E-02	1.51E-01	1.40E-02	8.32E-01	6.30E-02	3.34E-01	2.53E-02	2.04E-03	1.62E-04	5.30E-10	4.21E-11
1.07E+00	1.18E-01	2.59E+00	2.39E-01	7.42E-01	6.74E-02	1.05E+00	9.49E-02	1.82E-01	1.56E-02	7.27E-01	8.08E-02	3.09E-01	3.32E-02	2.14E-03	1.86E-04	5.55E-10	4.84E-11
1.22E+00	1.22E-01	2.67E+00	2.59E-01	7.96E-01	6.90E-02	1.02E+00	9.97E-02	1.73E-01	1.67E-02	8.32E-01	8.30E-02	3.34E-01	3.42E-02	1.97E-03	1.92E-04	5.12E-10	4.99E-11
1.09E+00	1.25E-01	2.66E+00	2.81E-01	8.56E-01	8.65E-02	1.05E+00	1.04E-01	1.80E-01	1.91E-02	7.45E-01	8.71E-02	2.90E-01	3.33E-02	2.11E-03	2.02E-04	5.50E-10	5.24E-11
8.64E-01	9.88E-02	1.77E+00	2.21E-01	6.67E-01	6.03E-02	7.43E-01	8.80E-02	1.29E-01	1.48E-02	5.92E-01	6.77E-02	2.57E-01	2.72E-02	1.53E-03	1.77E-04	3.98E-10	4.61E-11
8.30E-01	8.95E-02	1.57E+00	1.77E-01	5.19E-01	4.92E-02	6.57E-01	7.03E-02	1.14E-01	1.21E-02	5.30E-01	5.95E-02	2.97E-01	2.81E-02	1.41E-03	1.40E-04	3.67E-10	3.64E-11
8.91E-01	8.81E-02	1.33E+00	1.93E-01	4.16E-01	5.69E-02	6.69E-01	8.15E-02	1.05E-01	1.24E-02	5.09E-01	5.74E-02	3.16E-01	2.92E-02	1.42E-03	1.65E-04	3.70E-10	4.29E-11
7.69E-01	9.01E-02	1.51E+00	2.28E-01	4.42E-01	6.57E-02	7.22E-01	9.46E-02	1.14E-01	1.70E-02	4.57E-01	5.90E-02	2.75E-01	2.87E-02	1.52E-03	2.02E-04	3.97E-10	5.29E-11
7.03E-01	9.54E-02	1.76E+00	1.96E-01	4.61E-01	5.29E-02	7.79E-01	8.35E-02	1.13E-01	1.46E-02	4.49E-01	6.27E-02	2.38E-01	2.91E-02	1.61E-03	1.81E-04	4.21E-10	4.74E-11
7.06E-01	1.06E-01	1.54E+00	1.56E-01	4.48E-01	4.51E-02	6.98E-01	6.34E-02	9.94E-02	1.03E-02	4.70E-01	6.91E-02	2.40E-01	3.19E-02	1.44E-03	1.27E-04	3.76E-10	3.31E-11
8.34E-01	1.20E-01	1.83E+00	1.91E-01	6.21E-01	5.48E-02	7.75E-01	7.33E-02	1.45E-01	1.30E-02	5.70E-01	7.78E-02	2.56E-01	3.68E-02	1.58E-03	1.47E-04	4.14E-10	3.82E-11
9.75E-01	1.26E-01	1.71E+00	1.99E-01	4.89E-01	5.30E-02	7.25E-01	8.26E-02	1.33E-01	1.39E-02	6.02E-01	8.29E-02	3.32E-01	3.92E-02	1.64E-03	1.69E-04	4.28E-10	4.38E-11
1.00E+00	1.16E-01	1.53E+00	2.30E-01	4.46E-01	6.19E-02	6.86E-01	9.05E-02	1.12E-01	1.52E-02	6.74E-01	8.05E-02	3.53E-01	3.57E-02	1.42E-03	1.80E-04	3.69E-10	4.62E-11
8.02E-01	1.10E-01	1.60E+00	2.55E-01	4.94E-01	6.66E-02	7.05E-01	1.02E-01	1.05E-01	1.70E-02	5.85E-01	7.54E-02	2.79E-01	3.05E-02	1.45E-03	2.07E-04	3.78E-10	5.29E-11
7.78E-01	9.53E-02	1.91E+00	2.40E-01	6.22E-01	8.12E-02	7.71E-01	9.86E-02	1.31E-01	1.65E-02	5.22E-01	6.55E-02	2.43E-01	2.60E-02	1.55E-03	2.05E-04	4.05E-10	5.23E-11
1.24E+00	1.40E-01	2.39E+00	1.99E-01	8.98E-01	1.15E-01	7.90E-01	8.43E-02	1.64E-01	1.53E-02	8.13E-01	9.35E-02	3.04E-01	3.94E-02	1.50E-03	1.81E-04	3.92E-10	4.61E-11
9.92E-01	1.29E-01	2.29E+00	2.03E-01	1.15E+00	1.13E-01	9.15E-01	6.07E-02	1.65E-01	1.55E-02	6.72E-01	8.82E-02	2.79E-01	3.48E-02	1.80E-03	1.38E-04	4.69E-10	3.19E-11
8.68E-01	9.40E-02	1.49E+00	1.93E-01	9.31E-01	7.90E-02	6.45E-01	7.15E-02	1.06E-01	1.32E-02	5.86E-01	6.36E-02	2.43E-01	2.58E-02	1.46E-03	1.56E-04	3.63E-10	3.57E-11
1.06E+00	1.14E-01	2.46E+00	2.70E-01	7.31E-01	7.12E-02	9.48E-01	1.06E-01	1.70E-01	1.80E-02	7.21E-01	7.65E-02	2.77E-01	3.01E-02	1.86E-03	2.12E-04	4.84E-10	5.53E-11
1.13E+00	1.39E-01	2.89E+00	3.12E-01	7.28E-01	8.87E-02	1.19E+00	1.23E-01	2.07E-01	2.05E-02	7.45E-01	9.65E-02	2.94E-01	3.81E-02	2.64E-03	2.50E-04	6.89E-10	6.52E-11
1.17E+00	1.93E-01	3.20E+00	4.84E-01	8.19E-01	1.32E-01	1.34E+00	1.88E-01	2.25E-01	3.27E-02	8.01E-01	1.32E-01	3.06E-01	4.97E-02	2.80E-03	3.79E-04	7.30E-10	9.87E-11
1.11E+00	1.69E-01	2.91E+00	4.36E-01	7.84E-01	1.14E-01	1.35E+00	1.73E-01	2.02E-01	2.94E-02	7.57E-01	1.16E-01	2.85E-01	4.45E-02	3.28E-03	3.52E-04	8.55E-10	9.18E-11
8.80E-01	1.46E-01	1.99E+00	3.44E-01	5.67E-01	9.12E-02	1.03E+00	1.36E-01	1.43E-01	2.33E-02	6.04E-01	9.97E-02	2.57E-01	4.01E-02	2.50E-03	2.75E-04	6.50E-10	7.18E-11
1.05E+00	1.45E-01	1.91E+00	2.89E-01	7.99E-01	9.25E-02	8.36E-01	1.03E-01	1.34E-01	1.92E-02	6.84E-01	9.98E-02	2.66E-01	3.95E-02	1.89E-03	1.98E-04	4.86E-10	5.16E-11
1.18E+00	1.40E-01	1.64E+00	3.07E-01	8.68E-01	9.27E-02	7.35E-01	1.18E-01	1.12E-01	2.11E-02	7.48E-01	9.60E-02	2.96E-01	3.78E-02	1.67E-03	2.26E-04	4.29E-10	5.91E-11
9.10E-01	1.77E-01	1.63E+00	3.69E-01	7.26E-01	1.01E-01	8.39E-01	1.30E-01	1.10E-01	2.22E-02	5.71E-01	1.17E-01	2.64E-01	4.56E-02	2.00E-03	2.59E-04	5.19E-10	6.76E-11
1.08E+00	2.33E-01	2.34E+00	5.40E-01	6.78E-01	1.52E-01	8.71E-01	1.91E-01	1.60E-01	3.44E-02	7.28E-01	1.55E-01	2.98E-01	5.77E-02	1.82E-03	3.72E-04	4.74E-10	9.69E-11
9.41E-01	2.41E-01	2.51E+00	6.31E-01	6.75E-01	1.77E-01	1.03E+00	2.39E-01	1.76E-01	4.27E-02	6.40E-01	1.61E-01	2.53E-01	5.73E-02	2.12E-03	4.84E-04	5.53E-10	1.26E-10
7.79E-01	1.58E-01	2.02E+00	3.04E-01	6.34E-01	8.76E-02	9.73E-01	1.19E-01	1.63E-01	2.17E-02	5.23E-01	1.06E-01	2.19E-01	4.54E-02	2.13E-03	2.50E-04	5.51E-10	6.52E-11
7.03E-01	1.49E-01	2.03E+00	3.20E-01	5.60E-01	8.59E-02	8.83E-01	1.24E-01	1.48E-01	2.09E-02	5.13E-01	1.00E-01	2.15E-01	4.07E-02	1.91E-03	2.48E-04	4.95E-10	6.48E-11
8.25E-01	1.25E-01	1.79E+00	3.15E-01	6.25E-01	8.91E-02	8.40E-01	1.26E-01	1.33E-01	2.20E-02	5.91E-01	8.39E-02	2.14E-01	3.14E-02	1.95E-03	2.55E-04	5.03E-10	6.63E-11
7.77E-01	1.06E-01	2.16E+00	3.01E-01	7.75E-01	8.80E-02	9.91E-01	1.24E-01	1.62E-01	2.22E-02	5.59E-01	7.26E-02	2.02E-01	3.07E-02	2.28E-03	2.61E-04	5.88E-10	6.80E-11
6.38E-01	1.06E-01	2.21E+00	2.61E-01	7.04E-01	7.58E-02	9.65E-01	1.11E-01	1.75E-01	1.99E-02	4.48E-01	7.44E-02	2.18E-01	3.30E-02	2.17E-03	2.43E-04	5.60E-10	6.31E-11
1.01E+00	1.10E-01	2.17E+00	2.05E-01	7.54E-01	5.81E-02	9.87E-01	9.33E-02	1.73E-01	1.57E-02	7.00E-01	7.53E-02	2.74E-01	3.68E-02	2.13E-03	2.08E-04	5.45E-10	5.39E-11
1.33E+00	1.12E-01	3.19E+00	1.97E-01	1.01E+00	6.80E-02	1.21E+00	7.81E-02	2.24E-01	1.30E-02	9.17E-01	7.67E-02	3.36E-01	3.54E-02	2.47E-03	1.68E-04	6.31E-10	4.36E-11
1.28E+00	1.09E-01	3.76E+00	2.22E-01	1.03E+00	7.49E-02	1.59E+00	9.11E-02	2.72E-01	1.58E-02	8.67E-01	7.57E-02	3.11E-01	3.25E-02	3.41E-03	1.92E-04	8.70E-10	4.89E-11
9.32E-01	1.18E-01	3.17E+00	2.36E-01	7.70E-01	7.28E-02	1.47E+00	9.22E-02	2.30E-01	1.59E-02	6.36E-01	8.12E-02	2.82E-01	3.71E-02	3.27E-03	1.97E-04	8.35E-10	5.04E-11
9.12E-01	1.36E-01	2.12E+00	2.48E-01	6.84E-01	7.00E-02	1.04E+00	9.75E-02	1.46E-01	1.69E-02	5.92E-01	9.26E-02	3.01E-01	4.14E-02	2.29E-03	2.01E-04	5.88E-10	5.07E-11
1.17E+00	1.54E-01	1.71E+00	2.42E-01	6.58E-01	6.93E-02	8.78E-01	9.57E-02	1.23E-01	1.60E-02	7.48E-01	1.06E-01	3.67E-01	5.07E-02	1.93E-03	1.90E-04	4.98E-10	4.92E-11
1.30E+00	1.65E-01	1.89E+00	2.40E-01	6.53E-01	7.02E-02	7.92E-01	1.02E-01	1.37E-01	1.68E-02	8.80E-01	1.11E-01	4.23E-01	5.22E-02	1.92E-03	2.11E-04	4.93E-10	5.46E-11
1.54E+00	1.85E-01	2.28E+00	2.48E-01	8.39E-01	6.92E-02	8.49E-01	9.24E-02	1.57E-01	1.70E-02	1.06E+00	1.29E-01	4.43E-01	5.86E-02	1.95E-03	1.95E-04	5.07E-10	5.07E-11
1.27E+00	2.23E-01	3.31E+00	3.30E-01	1.14E+00	1.32E-01	1.30E+00	1.00E-01	2.53E-01	2.02E-02	8.64E-01	1.53E-01	4.17E-01	6.15E-02	2.67E-03	2.01E-04	6.91E-10	5.22E-11
1.58E+00	2.14E-01	2.97E+00	4.34E-01	9.88E-01	1.50E-01	1.40E+00	1.62E-01	2.35E-01	3.18E-02	1.07E+00	1.47E-01	4.81E-01	6.55E-02	3.21E-03	3.21E-04	8.30E-10	8.32E-11
1.85E+00	2.04E-01	4.33E+00	4.08E-01	1.18E+00	1.19E-01	1.74E+00	1.78E-01	2.96E-01	3.20E-02	1.26E+00	1.43E-01	5.56E-01	6.13E-02	3.50E-03	3.94E-04	9.04E-10	1.02E-10
1.48E+00	1.29E-01	4.11E+00	3.12E-01	1.10E+00	1.03E-01	1.81E+00	1.39E-01	3.10E-01	2.29E-02	9.86E-01	9.53E-02	4.30E-01	3.56E-02	3.95E-03	3.21E-04	1.02E-09	8.31E-11
1.53E+00	1.57E-01	2.10E+00	3.22E-01	1.04E+00	1.31E-01	9.39E-01	1.17E-01	1.62E-01	2.59E-02	1.03E+00	1.05E-01	4.70E-01	4.86E-02	2.17E-03	2.49E-04	5.62E-10	6.35E-11
1.28E+00	1.41E-01	2.24E+00	4.13E-01	1.13E+00	1.56E-01	1.05E+00	1.65E-01	1.92E-01	3.43E-02	8.76E-01	9.53E-02	4.17E-01	4.12E-02	2.43E-03	3.62E-04	6.28E-10	9.30E-11
1.03E+00	8.03E-02	2.82E+00	3.64E-01	7.51E-01	8.45E-02	1.32E+00	1.75E-01	2.28E-01	2.86E-02	6.90E-01	5.61E-02	3.45E-01	2.73E-02	3.04E-03	4.06E-04	7.86E-10	1.05E-10
1.11E+00	8.43E-02	2.10E+00	1.92E-01	7.26E-01	4.92E-02	1.09E+00	9.52E-02	1.66E-01	1.42E-02	7.79E-01	5.92E-02	3.32E-01	2.41E-02	2.57E-03	2.26E-04	6.64E-10	5.82E-11
1.19E+00	9.21E-02	2.71E+00	2.38E-01	8.64E-01	6.68E-02	1.13E+00	9.47E-02	1.97E-01	1.66E-02	8.20E-01	6.38E-02	3.10E-01	2.40E-02	2.43E-03	1.94E-04	6.28E-10	5.02E-11
1.25E+00	1.02E-01	3.04E+00	2.43E-01	8.55E-01	6.23E-02	1.21E+00	9.84E-02	2.10E-01	1.63E-02	8.41E-01	6.93E-02	3.32E-01	2.80E-02	2.43E-03	1.98E-04	6.30E-10	5.14E-11
1.25E+00	9.92E-02	2.38E+00	2.19E-01	7.56E-01	5.96E-02	8.83E-01	8.59E-02	1.55E-01	1.45E-02	8.59E-01	6.66E-02	3.46E-01	2.68E-02	2.08E-03	1.68E-04	5.42E-10	4.37E-11
1.10E+00	1.23E-01	2.66E+00	2.53E-01	7.69E-01	7.02E-02	1.08E+00	9.96E-02	1.87E-01	1.64E-02	7.49E-01	8.43E-02	3.31E-01	3.46E-02	2.19E-03	1.94E-04	5.69E-10	5.05E-11
1.23E+00	1.27E-01	2.78E+00	2.70E-01	8.77E-01	7.13E-02	1.06E+00	1.05E-01	1.82E-01	1.75E-02	8.38E-01	8.57E-02	3.31E-01	3.60E-02	2.08E-03	2.02E-04	5.42E-10	5.25E-11
1.11E+00	1.26E-01	2.63E+00	2.80E-01	9.40E-01	8.65E-02	1.04E+00	1.04E-01	1.77E-01	1.91E-02	7.58E-01	8.74E-02	2.98E-01	3.39E-02	2.06E-03	2.01E-04	5.37E-10	5.22E-11
8.84E-01	1.02E-01	1.86E+00	2.31E-01	7.71E-01	6.33E-02	8.03E-01	9.06E-02	1.44E-01	1.55E-02	6.07E-01	7.01E-02	3.01E-01	2.87E-02	1.69E-03	1.78E-04	4.39E-10	4.63E-11
8.93E-01	9.83E-02	1.67E+00	2.02E-01	5.59E-01	5.18E-02	7.70E-01	8.21E-02	1.23E-01	1.29E-02	5.73E-01	6.47E-02	3.20E-01	3.27E-02	1.66E-03	1.59E-04	4.31E-10	4.15E-11
1.05E+00	1.01E-01	1.50E+00	2.16E-01	4.94E-01	6.67E-02	7.03E-01	9.15E-02	1.10E-01	1.54E-02	5.99E-01	6.54E-02	3.71E-01	3.32E-02	1.49E-03	1.87E-04	3.90E-10	4.87E-11
8.30E-01	1.04E-01	1.82E+00	2.54E-01	4.83E-01	7.15E-02	8.66E-01	1.07E-01	1.23E-01	1.91E-02	5.03E-01	6.80E-02	2.96E-01	3.26E-02	1.81E-03	2.32E-04	4.73E-10	6.05E-11
7.67E-01	1.07E-01	1.89E+00	1.96E-01	4.82E-01	5.26E-02	8.04E-01	8.32E-02	1.23E-01	1.45E-02	5.23E-01	7.06E-02	2.61E-01	3.22E-02	1.65E-03	1.79E-04	4.31E-10	4.69E-11
7.95E-01	1.19E-01	1.82E+00	1.81E-01	5.29E-01	5.29E-02	8.07E-01	6.67E-02	1.16E-01	1.21E-02	5.40E-01	7.73E-02	2.56E-01	3.58E-02	1.66E-03	1.32E-04	4.32E-10	3.43E-11
9.73E-01	1.34E-01	1.82E+00	2.08E-01	6.08E-01	5.85E-02	7.64E-01	8.28E-02	1.49E-01	1.44E-02	5.61E-01	8.65E-02	3.32E-01	4.12E-02	1.70E-03	1.67E-04	4.43E-10	4.34E-11
1.15E+00	1.33E-01	1.79E+00	2.09E-01	5.21E-01	5.78E-02	7.92E-01	8.51E-02	1.28E-01	1.39E-02	7.21E-01	8.86E-02	3.98E-01	4.13E-02	1.62E-03	1.75E-04	4.24E-10	4.54E-11
1.00E+00	1.15E-01	1.61E+00	2.62E-01	5.10E-01	6.95E-02	7.00E-01	1.04E-01	1.18E-01	1.74E-02	7.06E-01	8.02E-02	3.54E-01	3.38E-02	1.47E-03	2.09E-04	3.85E-10	5.36E-11
8.94E-01	1.11E-01	1.92E+00	2.66E-01	5.81E-01	6.93E-02	8.32E-01	1.08E-01	1.26E-01	1.79E-02	6.01E-01	7.56E-02	2.44E-01	3.01E-02	1.73E-03	2.21E-04	4.51E-10	5.65E-11
1.17E+00	1.31E-01	2.03E+00	2.33E-01	8.26E-01	1.03E-01	8.34E-01	9.73E-02	1.40E-01	1.62E-02	7.61E-01	8.65E-02	3.06E-01	3.77E-02	1.76E-03	2.07E-04	4.60E-10	5.26E-11
1.31E+00	1.59E-01	2.76E+00	2.35E-01	1.11E+00	1.32E-01	1.03E+00	7.33E-02	1.96E-01	1.70E-02	8.76E-01	1.08E-01	3.35E-01	4.36E-02	1.92E-03	1.59E-04	5.02E-10	4.04E-11
9.12E-01	1.16E-01	1.96E+00	2.03E-01	1.16E+00	1.05E-01	8.30E-01	7.02E-02	1.44E-01	1.46E-02	5.95E-01	8.11E-02	2.68E-01	3.06E-02	1.70E-03	1.60E-04	4.42E-10	3.61E-11
1.10E+00	1.18E-01	2.19E+00	2.60E-01	7.03E-01	7.26E-02	7.68E-01	9.92E-02	1.44E-01	1.72E-02	7.47E-01	7.97E-02	2.93E-01	3.17E-02	1.57E-03	1.92E-04	3.65E-10	5.01E-11
9.91E-01	1.29E-01	2.87E+00	3.15E-01	8.52E-01	8.03E-02	1.16E+00	1.24E-01	2.14E-01	2.09E-02	6.69E-01	8.63E-02	2.73E-01	3.39E-02	2.50E-03	2.50E-04	6.51E-10	6.53E-11
1.25E+00	1.77E-01	2.95E+00	4.12E-01	8.10E-01	1.16E-01	1.14E+00	1.57E-01	1.98E-01	2.76E-02	8.33E-01	1.22E-01	3.22E-01	4.70E-02	2.44E-03	3.09E-04	6.35E-10	8.06E-11
1.28E+00	1.97E-01	3.10E+00	5.06E-01	8.76E-01	1.34E-01	1.26E+00	1.98E-01	2.11E-01	3.41E-02	8.74E-01	1.33E-01	3.32E-01	4.98E-02	3.06E-03	4.03E-04	8.00E-10	1.05E-10
9.86E-01	1.65E-01	2.39E+00	3.84E-01	6.84E-01	1.03E-01	1.42E+00	1.52E-01	1.71E-01	2.58E-02	6.80E-01	1.12E-01	3.01E-01	4.52E-02	3.46E-03	3.08E-04	9.02E-10	8.04E-11
1.23E+00	1.66E-01	2.17E+00	3.29E-01	9.10E-01	1.05E-01	8.81E-01	1.16E-01	1.51E-01	2.17E-02	7.98E-01	1.14E-01	3.16E-01	4.54E-02	1.83E-03	2.18E-04	4.78E-10	5.68E-11
1.29E+00	1.56E-01	1.89E+00	3.37E-01	9.18E-01	1.02E-01	8.05E-01	1.28E-01	1.28E-01	2.29E-02	8.12E-01	1.07E-01	3.27E-01	4.23E-02	1.80E-03	2.45E-04	4.63E-10	6.39E-11
9.48E-01	2.02E-01	1.86E+00	4.14E-01	6.28E-01	1.13E-01	7.64E-01	1.41E-01	1.21E-01	2.45E-02	6.53E-01	1.33E-01	2.86E-01	5.20E-02	1.64E-03	2.79E-04	4.27E-10	7.29E-11
1.17E+00	2.50E-01	2.42E+00	5.69E-01	6.83E-01	1.60E-01	1.01E+00	1.98E-01	1.62E-01	3.58E-02	7.92E-01	1.66E-01	3.28E-01	6.20E-02	2.39E-03	3.82E-04	6.23E-10	9.96E-11
1.08E+00	2.56E-01	2.68E+00	6.58E-01	7.31E-01	1.84E-01	1.08E+00	2.46E-01	1.85E-01	4.40E-02	7.34E-01	1.70E-01	2.83E-01	6.10E-02	2.17E-03	4.97E-04	5.66E-10	1.29E-10

Scenario 1 Results

9.16E-01	2.03E-01	2.37E+00	5.86E-01	6.32E-01	1.59E-01	1.04E+00	2.35E-01	1.66E-01	4.11E-02	6.39E-01	1.36E-01	2.45E-01	4.75E-02	2.52E-03	4.91E-04	6.56E-10	1.28E-10
7.95E-01	1.53E-01	1.85E+00	3.00E-01	5.96E-01	9.28E-02	9.77E-01	1.30E-01	1.52E-01	2.15E-02	5.46E-01	1.03E-01	2.59E-01	4.54E-02	2.15E-03	2.92E-04	5.58E-10	7.60E-11
8.09E-01	1.65E-01	2.04E+00	3.05E-01	6.39E-01	8.78E-02	9.64E-01	1.16E-01	1.65E-01	2.10E-02	5.44E-01	1.10E-01	2.22E-01	4.78E-02	2.10E-03	2.37E-04	5.45E-10	6.15E-11
7.92E-01	1.57E-01	2.13E+00	3.27E-01	5.68E-01	8.72E-02	9.20E-01	1.26E-01	1.56E-01	2.11E-02	5.73E-01	1.05E-01	2.39E-01	4.34E-02	2.06E-03	2.55E-04	5.35E-10	6.65E-11
9.09E-01	1.35E-01	1.90E+00	3.35E-01	7.00E-01	9.44E-02	9.02E-01	1.33E-01	1.42E-01	2.33E-02	6.48E-01	9.08E-02	2.32E-01	3.44E-02	2.06E-03	2.68E-04	5.34E-10	7.00E-11
8.32E-01	1.15E-01	2.28E+00	3.17E-01	8.41E-01	9.26E-02	9.16E-01	1.30E-01	1.65E-01	2.33E-02	5.97E-01	7.87E-02	2.04E-01	3.34E-02	1.92E-03	2.74E-04	4.98E-10	7.13E-11
6.89E-01	1.15E-01	2.03E+00	2.76E-01	8.50E-01	8.05E-02	8.79E-01	1.17E-01	1.61E-01	2.10E-02	4.97E-01	7.98E-02	2.30E-01	3.46E-02	1.94E-03	2.53E-04	5.03E-10	6.58E-11
1.16E+00	1.15E-01	2.19E+00	2.18E-01	7.95E-01	6.04E-02	1.03E+00	9.75E-02	1.54E-01	1.67E-02	8.07E-01	8.03E-02	3.17E-01	3.86E-02	2.20E-03	2.17E-04	5.64E-10	5.62E-11
1.51E+00	1.22E-01	3.60E+00	2.11E-01	1.15E+00	7.69E-02	1.36E+00	8.34E-02	2.53E-01	1.38E-02	1.04E+00	8.30E-02	3.81E-01	3.87E-02	2.72E-03	1.80E-04	6.95E-10	4.66E-11
1.45E+00	1.23E-01	4.32E+00	2.47E-01	1.18E+00	8.86E-02	1.82E+00	1.02E-01	3.14E-01	1.77E-02	9.78E-01	8.51E-02	3.47E-01	3.68E-02	3.91E-03	2.14E-04	1.00E-09	5.48E-11
1.00E+00	1.27E-01	3.46E+00	2.55E-01	8.18E-01	7.68E-02	1.61E+00	9.97E-02	2.53E-01	1.72E-02	6.74E-01	8.70E-02	3.02E-01	3.94E-02	3.59E-03	2.11E-04	9.18E-10	5.39E-11
8.72E-01	1.37E-01	2.08E+00	2.45E-01	7.01E-01	7.07E-02	1.02E+00	9.74E-02	1.44E-01	1.69E-02	6.04E-01	9.31E-02	2.94E-01	4.37E-02	2.24E-03	2.00E-04	5.77E-10	5.05E-11
1.19E+00	1.72E-01	1.93E+00	2.72E-01	7.28E-01	7.83E-02	9.29E-01	1.09E-01	1.41E-01	1.83E-02	7.72E-01	1.17E-01	3.74E-01	5.61E-02	2.21E-03	2.19E-04	5.73E-10	5.68E-11
1.57E+00	1.82E-01	2.11E+00	2.58E-01	7.46E-01	7.97E-02	8.76E-01	1.12E-01	1.58E-01	1.84E-02	1.06E+00	1.22E-01	4.87E-01	5.68E-02	1.97E-03	2.34E-04	5.10E-10	6.09E-11
1.51E+00	2.24E-01	2.78E+00	2.86E-01	1.05E+00	9.97E-02	9.57E-01	9.84E-02	1.90E-01	1.78E-02	1.04E+00	1.55E-01	4.43E-01	6.73E-02	2.14E-03	2.08E-04	5.57E-10	5.42E-11
1.50E+00	2.23E-01	3.30E+00	4.05E-01	1.04E+00	1.55E-01	1.41E+00	1.30E-01	2.58E-01	2.75E-02	1.02E+00	1.51E-01	4.50E-01	6.91E-02	3.06E-03	2.22E-04	7.94E-10	5.76E-11
1.79E+00	2.31E-01	3.57E+00	4.33E-01	9.65E-01	1.36E-01	1.36E+00	1.78E-01	2.28E-01	3.30E-02	1.21E+00	1.60E-01	5.41E-01	7.11E-02	2.89E-03	3.77E-04	7.51E-10	9.78E-11
1.53E+00	1.64E-01	4.69E+00	3.48E-01	1.27E+00	1.15E-01	2.03E+00	1.58E-01	3.46E-01	2.72E-02	1.04E+00	1.19E-01	4.58E-01	4.75E-02	4.33E-03	3.58E-04	1.12E-09	9.29E-11
1.55E+00	1.53E-01	2.34E+00	3.23E-01	1.08E+00	1.23E-01	1.04E+00	1.18E-01	1.77E-01	2.51E-02	1.04E+00	1.02E-01	4.69E-01	4.73E-02	2.24E-03	2.59E-04	5.81E-10	6.70E-11
1.36E+00	1.61E-01	2.12E+00	3.99E-01	1.07E+00	1.64E-01	9.18E-01	1.51E-01	1.76E-01	3.33E-02	9.31E-01	1.08E-01	4.31E-01	4.86E-02	2.07E-03	3.26E-04	5.36E-10	8.35E-11
1.05E+00	9.89E-02	2.92E+00	4.13E-01	9.11E-01	1.09E-01	1.29E+00	1.92E-01	2.41E-01	3.29E-02	7.13E-01	6.72E-02	3.51E-01	3.16E-02	2.93E-03	4.40E-04	7.59E-10	1.14E-10
1.26E+00	8.79E-02	2.44E+00	2.34E-01	7.74E-01	5.55E-02	1.26E+00	1.24E-01	1.84E-01	1.76E-02	8.80E-01	6.14E-02	3.74E-01	2.59E-02	2.96E-03	2.95E-04	7.67E-10	7.60E-11
1.29E+00	9.76E-02	3.03E+00	2.47E-01	9.27E-01	7.08E-02	1.24E+00	9.68E-02	2.20E-01	1.71E-02	8.86E-01	6.77E-02	3.39E-01	2.54E-02	2.63E-03	1.97E-04	6.82E-10	5.09E-11
1.36E+00	1.11E-01	3.25E+00	2.67E-01	9.33E-01	6.86E-02	1.28E+00	1.09E-01	2.24E-01	1.80E-02	9.17E-01	7.51E-02	3.68E-01	3.01E-02	2.55E-03	2.19E-04	6.62E-10	5.69E-11
1.33E+00	1.10E-01	2.56E+00	2.46E-01	8.09E-01	6.67E-02	9.91E-01	9.63E-02	1.70E-01	1.64E-02	9.14E-01	7.40E-02	3.67E-01	2.97E-02	2.33E-03	1.89E-04	6.06E-10	4.91E-11
1.18E+00	1.36E-01	2.88E+00	2.83E-01	8.44E-01	7.87E-02	1.17E+00	1.12E-01	2.03E-01	1.83E-02	8.01E-01	9.27E-02	3.67E-01	3.79E-02	2.38E-03	2.16E-04	6.18E-10	5.64E-11
1.28E+00	1.39E-01	3.01E+00	2.99E-01	1.03E+00	7.77E-02	1.16E+00	1.16E-01	2.00E-01	1.94E-02	8.74E-01	9.45E-02	3.37E-01	3.93E-02	2.29E-03	2.26E-04	5.96E-10	5.89E-11
1.19E+00	1.32E-01	2.77E+00	2.96E-01	1.02E+00	9.13E-02	1.08E+00	1.10E-01	1.85E-01	2.02E-02	8.07E-01	9.15E-02	3.18E-01	3.69E-02	2.15E-03	2.13E-04	5.60E-10	5.54E-11
9.36E-01	1.02E-01	1.84E+00	2.31E-01	7.34E-01	6.36E-02	8.10E-01	9.05E-02	1.38E-01	1.55E-02	5.85E-01	6.98E-02	3.27E-01	2.99E-02	1.73E-03	1.78E-04	4.50E-10	4.63E-11
9.14E-01	1.05E-01	1.60E+00	2.09E-01	5.36E-01	5.00E-02	7.94E-01	8.61E-02	1.23E-01	1.28E-02	5.47E-01	6.71E-02	3.24E-01	3.50E-02	1.71E-03	1.69E-04	4.45E-10	4.41E-11
1.16E+00	1.11E-01	1.68E+00	2.44E-01	5.32E-01	7.40E-02	6.80E-01	9.72E-02	1.20E-01	1.79E-02	6.62E-01	7.18E-02	4.06E-01	3.62E-02	1.51E-03	2.02E-04	3.94E-10	5.28E-11
8.74E-01	1.12E-01	2.03E+00	2.59E-01	5.47E-01	7.18E-02	9.40E-01	1.10E-01	1.25E-01	1.94E-02	5.89E-01	7.39E-02	2.83E-01	3.47E-02	1.96E-03	2.38E-04	5.12E-10	6.22E-11
9.12E-01	1.18E-01	1.82E+00	1.88E-01	4.91E-01	4.93E-02	7.45E-01	7.79E-02	1.22E-01	1.34E-02	6.01E-01	7.80E-02	2.95E-01	3.51E-02	1.51E-03	1.66E-04	3.96E-10	4.34E-11
9.25E-01	1.36E-01	2.09E+00	2.11E-01	6.25E-01	6.15E-02	9.04E-01	7.99E-02	1.36E-01	1.44E-02	6.00E-01	8.82E-02	2.99E-01	4.11E-02	1.85E-03	1.60E-04	4.83E-10	4.15E-11
1.27E+00	1.48E-01	1.91E+00	2.22E-01	5.88E-01	5.98E-02	8.11E-01	9.19E-02	1.53E-01	1.55E-02	7.44E-01	9.61E-02	4.33E-01	4.57E-02	1.81E-03	1.87E-04	4.75E-10	4.87E-11
1.27E+00	1.35E-01	1.85E+00	2.53E-01	6.16E-01	6.93E-02	7.91E-01	9.94E-02	1.27E-01	1.69E-02	8.26E-01	9.21E-02	4.41E-01	4.16E-02	1.64E-03	1.97E-04	4.27E-10	5.07E-11
9.21E-01	1.21E-01	1.89E+00	2.85E-01	6.00E-01	7.50E-02	8.44E-01	1.15E-01	1.22E-01	1.91E-02	6.86E-01	8.29E-02	3.24E-01	3.32E-02	1.74E-03	2.33E-04	4.54E-10	5.96E-11
9.39E-01	1.05E-01	2.17E+00	2.63E-01	6.43E-01	8.42E-02	8.89E-01	1.08E-01	1.51E-01	1.80E-02	6.30E-01	6.99E-02	2.91E-01	3.14E-02	1.81E-03	2.27E-04	4.74E-10	5.78E-11
1.35E+00	1.57E-01	2.50E+00	2.10E-01	9.44E-01	1.19E-01	8.18E-01	8.64E-02	1.70E-01	1.56E-02	8.92E-01	1.05E-01	3.39E-01	4.42E-02	1.66E-03	1.86E-04	4.22E-10	4.73E-11
1.12E+00	1.44E-01	2.45E+00	2.35E-01	1.24E+00	1.28E-01	9.78E-01	7.22E-02	1.78E-01	1.64E-02	7.18E-01	9.99E-02	3.25E-01	3.85E-02	1.92E-03	1.67E-04	5.02E-10	4.13E-11
1.29E+00	1.35E-01	2.44E+00	2.87E-01	1.00E+00	8.57E-02	8.39E-01	1.07E-01	1.57E-01	1.89E-02	8.66E-01	9.14E-02	3.46E-01	3.64E-02	1.66E-03	2.04E-04	4.33E-10	5.33E-11
1.06E+00	1.35E-01	2.45E+00	3.16E-01	7.93E-01	8.40E-02	9.18E-01	1.23E-01	1.74E-01	2.10E-02	7.22E-01	9.08E-02	2.71E-01	3.57E-02	1.81E-03	2.43E-04	4.71E-10	6.36E-11
1.31E+00	1.71E-01	3.13E+00	3.75E-01	8.20E-01	1.09E-01	1.25E+00	1.40E-01	2.23E-01	2.49E-02	8.74E-01	1.19E-01	3.46E-01	4.68E-02	2.77E-03	2.69E-04	7.22E-10	7.03E-11
1.20E+00	1.96E-01	2.98E+00	4.84E-01	8.06E-01	1.32E-01	1.17E+00	1.86E-01	2.09E-01	3.23E-02	8.18E-01	1.33E-01	3.23E-01	5.05E-02	2.51E-03	3.71E-04	6.54E-10	9.70E-11
1.10E+00	1.73E-01	2.73E+00	4.39E-01	8.88E-01	1.10E-01	1.32E+00	1.71E-01	1.88E-01	2.88E-02	7.10E-01	1.15E-01	3.67E-01	4.68E-02	3.19E-03	3.47E-04	8.35E-10	9.07E-11
1.45E+00	1.96E-01	2.57E+00	3.84E-01	1.03E+00	1.21E-01	1.35E+00	1.35E-01	1.73E-01	2.50E-02	9.30E-01	1.35E-01	3.75E-01	5.35E-02	2.95E-03	2.48E-04	7.65E-10	6.48E-11
1.56E+00	1.90E-01	2.11E+00	4.15E-01	1.07E+00	1.24E-01	9.75E-01	1.58E-01	1.41E-01	2.82E-02	9.75E-01	1.31E-01	3.99E-01	5.16E-02	2.25E-03	3.03E-04	5.85E-10	7.92E-11
1.02E+00	2.34E-01	2.06E+00	4.76E-01	6.13E-01	1.30E-01	7.43E-01	1.56E-01	1.32E-01	2.79E-02	7.05E-01	1.54E-01	3.19E-01	6.03E-02	1.64E-03	2.96E-04	4.20E-10	7.73E-11
1.32E+00	2.82E-01	2.67E+00	6.43E-01	7.59E-01	1.82E-01	9.65E-01	2.23E-01	1.78E-01	4.05E-02	9.00E-01	1.87E-01	3.70E-01	6.95E-02	1.98E-03	4.29E-04	5.16E-10	1.12E-10
1.16E+00	2.74E-01	2.91E+00	7.12E-01	7.97E-01	1.99E-01	1.17E+00	2.67E-01	2.01E-01	4.78E-02	7.92E-01	1.82E-01	3.04E-01	6.49E-02	2.36E-03	5.40E-04	6.16E-10	1.41E-10
9.47E-01	2.04E-01	2.51E+00	5.94E-01	6.70E-01	1.60E-01	1.03E+00	2.38E-01	1.75E-01	4.16E-02	6.57E-01	1.36E-01	2.57E-01	5.13E-02	2.49E-03	4.99E-04	6.52E-10	1.30E-10
8.88E-01	2.16E-01	2.22E+00	4.12E-01	6.23E-01	1.06E-01	9.80E-01	1.76E-01	1.60E-01	2.97E-02	5.83E-01	1.46E-01	2.61E-01	6.54E-02	2.05E-03	3.76E-04	5.34E-10	9.79E-11
7.57E-01	1.41E-01	2.02E+00	3.91E-01	6.40E-01	1.08E-01	8.78E-01	1.73E-01	1.65E-01	3.03E-02	4.73E-01	9.49E-02	2.93E-01	3.86E-02	1.97E-03	3.81E-04	5.12E-10	9.92E-11
8.16E-01	1.58E-01	1.96E+00	3.18E-01	6.18E-01	9.33E-02	1.01E+00	1.44E-01	1.61E-01	2.42E-02	5.61E-01	1.06E-01	2.47E-01	4.71E-02	2.22E-03	3.23E-04	5.77E-10	8.41E-11
8.55E-01	1.74E-01	2.09E+00	3.13E-01	6.58E-01	9.44E-02	9.24E-01	1.20E-01	1.69E-01	2.15E-02	5.76E-01	1.17E-01	2.32E-01	5.09E-02	2.14E-03	2.47E-04	5.55E-10	6.43E-11
8.66E-01	1.69E-01	2.24E+00	3.40E-01	7.46E-01	8.97E-02	1.02E+00	1.30E-01	1.64E-01	2.23E-02	6.19E-01	1.13E-01	2.58E-01	4.75E-02	2.40E-03	2.62E-04	6.23E-10	6.86E-11
9.72E-01	1.46E-01	1.99E+00	3.45E-01	8.78E-01	9.61E-02	9.48E-01	1.36E-01	1.48E-01	2.36E-02	6.88E-01	9.78E-02	2.47E-01	3.79E-02	2.19E-03	2.71E-04	5.69E-10	7.06E-11
8.83E-01	1.22E-01	2.33E+00	3.33E-01	8.79E-01	9.65E-02	9.22E-01	1.36E-01	1.68E-01	2.42E-02	6.31E-01	8.39E-02	2.16E-01	3.55E-02	1.92E-03	2.83E-04	4.98E-10	7.37E-11
7.88E-01	1.22E-01	2.08E+00	2.94E-01	7.76E-01	8.57E-02	9.12E-01	1.24E-01	1.55E-01	2.23E-02	5.58E-01	8.47E-02	2.36E-01	3.69E-02	2.00E-03	2.66E-04	5.20E-10	6.94E-11
1.30E+00	1.25E-01	2.39E+00	2.42E-01	8.21E-01	6.77E-02	9.91E-01	1.06E-01	1.55E-01	1.85E-02	9.00E-01	8.70E-02	3.56E-01	4.05E-02	2.11E-03	2.36E-04	5.41E-10	6.13E-11
1.72E+00	1.37E-01	4.04E+00	2.42E-01	1.30E+00	9.08E-02	1.51E+00	9.70E-02	2.83E-01	1.58E-02	1.18E+00	9.33E-02	4.30E-01	4.36E-02	3.01E-03	2.09E-04	7.70E-10	5.42E-11
1.60E+00	1.33E-01	4.73E+00	2.62E-01	1.31E+00	9.61E-02	1.98E+00	1.07E-01	3.43E-01	1.87E-02	1.08E+00	9.13E-02	3.82E-01	3.94E-02	4.23E-03	2.25E-04	1.09E-09	5.77E-11
1.06E+00	1.32E-01	3.67E+00	2.64E-01	8.18E-01	7.66E-02	1.70E+00	1.03E-01	2.68E-01	1.78E-02	6.91E-01	9.01E-02	3.10E-01	4.04E-02	3.78E-03	2.17E-04	9.69E-10	5.56E-11
9.48E-01	1.49E-01	2.16E+00	2.70E-01	7.17E-01	7.84E-02	1.08E+00	1.09E-01	1.54E-01	1.89E-02	6.56E-01	1.02E-01	3.13E-01	4.93E-02	2.35E-03	2.26E-04	6.07E-10	5.68E-11
1.23E+00	1.89E-01	2.11E+00	2.88E-01	7.36E-01	8.39E-02	9.89E-01	1.17E-01	1.56E-01	1.95E-02	8.35E-01	1.28E-01	4.10E-01	6.12E-02	2.37E-03	2.37E-04	6.13E-10	6.15E-11
1.76E+00	2.02E-01	2.27E+00	2.84E-01	7.99E-01	8.72E-02	1.05E+00	1.16E-01	1.74E-01	2.04E-02	1.20E+00	1.37E-01	5.22E-01	6.32E-02	2.41E-03	2.46E-04	6.02E-10	6.38E-11
1.52E+00	2.55E-01	3.32E+00	3.64E-01	1.19E+00	1.43E-01	1.23E+00	1.17E-01	2.46E-01	2.17E-02	1.02E+00	1.75E-01	5.04E-01	7.25E-02	2.51E-03	2.26E-04	6.50E-10	5.89E-11
1.59E+00	2.53E-01	2.80E+00	4.46E-01	9.67E-01	1.54E-01	1.32E+00	1.66E-01	2.18E-01	3.25E-02	1.06E+00	1.73E-01	5.43E-01	7.91E-02	3.11E-03	3.26E-04	8.05E-10	8.46E-11
1.79E+00	2.02E-01	4.82E+00	3.85E-01	1.32E+00	1.16E-01	2.01E+00	1.70E-01	3.45E-01	3.01E-02	1.21E+00	1.44E-01	5.45E-01	6.07E-02	4.18E-03	3.77E-04	1.08E-09	9.77E-11
1.51E+00	1.41E-01	2.88E+00	3.30E-01	1.01E+00	1.22E-01	1.30E+00	1.26E-01	2.19E-01	2.48E-02	1.01E+00	9.42E-02	4.53E-01	4.34E-02	2.89E-03	2.92E-04	7.50E-10	7.57E-11
1.43E+00	1.75E-01	2.07E+00	3.83E-01	9.42E-01	1.65E-01	9.52E-01	1.39E-01	1.74E-01	3.19E-02	9.76E-01	1.17E-01	4.42E-01	5.38E-02	2.24E-03	2.95E-04	5.81E-10	7.54E-11
1.18E+00	1.32E-01	2.87E+00	4.53E-01	1.09E+00	1.39E-01	1.20E+00	1.99E-01	2.42E-01	3.66E-02	8.09E-01	8.89E-02	3.79E-01	3.62E-02	2.86E-03	4.49E-04	7.43E-10	1.16E-10
1.42E+00	9.69E-02	2.87E+00	3.12E-01	7.99E-01	6.42E-02	1.45E+00	1.63E-01	2.17E-01	2.37E-02	9.88E-01	6.71E-02	4.26E-01	2.93E-02	3.38E-03	3.86E-04	8.75E-10	9.97E-11
1.37E+00	1.03E-01	3.31E+00	2.49E-01	9.76E-01	7.34E-02	1.31E+00	9.59E-02	2.38E-01	1.72E-02	9.40E-01	7.16E-02	3.66E-01	2.71E-02	2.73E-03	1.92E-04	7.08E-10	4.96E-11
1.43E+00	1.17E-01	3.31E+00	2.84E-01	9.70E-01	7.32E-02	1.28E+00	1.15E-01	2.29E-01	1.92E-02	9.66E-01	7.95E-02	3.82E-01	3.18E-02	2.67E-03	2.33E-04	6.94E-10	6.06E-11
1.40E+00	1.22E-01	2.75E+00	2.73E-01	8.54E-01	7.46E-02	1.11E+00	1.07E-01	1.91E-01	1.83E-02	9.59E-01	8.17E-02	3.85E-01	3.26E-02	2.52E-03	2.10E-04	6.57E-10	5.46E-11
1.31E+00	1.50E-01	3.13E+00	3.17E-01	1.02E+00	8.82E-02	1.26E+00	1.24E-01	2.18E-01	2.05E-02	8.57E-01	1.02E-01	4.04E-01	4.14E-02	2.56E-03	2.40E-04	6.68E-10	6.26E-11
1.29E+00	1.55E-01	3.16E+00	3.21E-01	1.12E+00	8.58E-02	1.22E+00	1.26E-01	2.13E-01	2.09E-02	8.81E-01	1.04E-01	3.39E-01	4.39E-02	2.44E-03	2.48E-04	6.34E-10	6.45E-11
1.24E+00	1.43E-01	2.86E+00	3.07E-01	1.04E+00	9.42E-02	1.12E+00	1.15E-01	1.90E-01	2.10E-02	8.45E-01	9.70E-02	3.36E-01	3.98E-02	2.20E-03	2.23E-04	5.75E-10	5.80E-11
1.06E+00	1.09E-01	1.94E+00	2.47E-01	7.27E-01	6.82E-02	8.81E-01	9.72E-02	1.46E-01	1.67E-02	6.16E-01	7.35E-02	3.70E-01	3.58E-02	1.92E-03	1.92E-04	4.99E-10	5.01E-11
1.09E+00	1.14E-01	1.64E+00	2.24E-01	5.23E-01	5.50E-02	8.30E-01	9.35E-02	1.28E-01	1.39E-02	6.16E-01	7.32E-02	3.83E-01	3.80E-02	1.78E-03	1.86E-04	4.63E-10	4.85E-11
1.17E+00	1.17E-01	1.77E+00	2.68E-01	5.26E-01	7.92E-02	7.73E-01	1.09E-01	1.30E-01	1.99E-02	6.78E-01	7.66E-02	4.07E-01	3.78E-02	1.63E-03	2.31E-04	4.25E-10	6.04E-11
9.42E-01	1.16E-01	2.09E+00	2.46E-01	5.61E-01	6.79E-02	9.45E-01	1.05E-01	1.32E-01	1.84E-02	6.04E-01	7.77E-02	3.07E-01	3.53E-02	1.96E-03	2.27E-04	5.12E-10	5.93E-11
9.01E-01	1.27E-01	1.80E+00	1.93E-01	5.11E-01	5.69E-02	8.17E-01	7.48E-02	1.22E-01	1.28E-02	5.74E-01	8.40E-02	2.95E-01	3.77E-02	1.68E-03	1.50E-04	4.39E-10	3.91E-11
1.17E+00	1.50E-01	2.02E+00	2.27E-01	6.23E-01	6.51E-02	8.59E-01	8.90E-02	1.43E-01	1.57E-02	6.59E-01	9.65E-02	3.99E-01	4.54E-02	1.76E-03	1.79E-04	4.60E-10	4.65E-11
1.50E+00	1.56E-01	2.01E+00	2.33E-01	6.77E-01	6.44E-02	8.81E-01	9.40E-02	1.44E-01	1.54E-02	9.01E-01	1.02E-01	5.12E-01	4.82E-02	1.81E-03	1.93E-04	4.72E-10	5.03E-11
1.26E+00	1.30E-01	2.04E+00	2.91E-01	7.12E-01	7.83E-02	8.61E-01	1.16E-01	1.31E-01	1.95E-02	8.63E-01	9.15E-02	4.40E-01	3.94E-02	1.78E-03	2.33E-04	4.56E-10	5.97E-11
1.03E+00	1.17E-01	2.19E+00	2.91E-01	6.68E-01	7.60E-02	9.24E-01	1.19E-01	1.46E-01	1.98E-02	7.04E-01	8.02E-02	2.82E-01	3.16E-02	1.93E-03	2.46E-04	5.05E-10	6.28E-11
1.25E+00	1.44E-01	2.04E+00	2.38E-01	8.32E-01	1.01E-01	8.65E-01	1.01E-01	1.48E-01	1.67E-02	8.20E-01	9.60E-02	3.32E-01	4.18E-02	1.85E-03	2.15E-04	4.84E-10	5.47E-11
1.25E+00	1.61E-01	2.58E+00	2.40E-01	1.11E+00	1.32E-01	9.44E-01	8.38E-02	1.82E-01	1.69E-02	8.40E-01	1.10E-01	3.48E-01	4.38E-02	1.93E-03	1.85E-04	4.83E-10	4.82E-11
1.27E+00	1.40E-01	2.25E+00	2.82E-01	1.19E+00	1.10E-01	8.39E-01	1.02E-01	1.40E-01	1.83E-02	8.53E-01	9.50E-02	3.46E-01	3.82E-02	1.84E-03	1.89E-04	4.61E-10	4.95E-11
1.38E+00	1.59E-01	3.16E+00	3.75E-01	9.49E-01	1.01E-01	1.19E+00	1.46E-01	2.16E-01	2.51E-02	9.32E-01	1.07E-01	3.54E-01	4.20E-02	2.31E-03	2.89E-04	6.04E-10	7.56E-11
1.34E+00	1.67E-01	2.99E+00	3.47E-01	8.61E-01	1.02E-01	1.15E+00	1.29E-01	2.15E-01	2.28E-02	8.91E-01	1.16E-01	3.63E-01	4.64E-02	2.51E-03	2.55E-04	6.55E-10	6.66E-11
1.15E+00	1.96E-01	2.67E+00	4.59E-01	7.57E-01	1.27E-01	1.06E+00	1.73E-01	1.85E-01	3.03E-02	7.84E-01	1.33E-01	3.21E-01	5.13E-02	2.14E-03	3.40E-04	5.59E-10	8.89E-11
1.09E+00	1.78E-01	2.53E+00	4.40E-01	9.62E-01	1.11E-01	9.75E-01	1.68E-01	1.68E-01	2.84E-02	7.43E-01	1.18E-01	3.07E-01	4.65E-02	2.07E-03	3.37E-04	5.40E-10	8.80E-11

Scenario 1 Results

1.32E+00	1.90E-01	2.23E+00	3.54E-01	1.02E+00	1.09E-01	1.00E+00	1.29E-01	1.50E-01	2.20E-02	8.17E-01	1.30E-01	4.49E-01	5.26E-02	2.11E-03	2.49E-04	5.52E-10	6.49E-11
1.63E+00	2.17E-01	3.22E+00	4.41E-01	1.07E+00	1.32E-01	1.67E+00	1.65E-01	1.83E-01	2.96E-02	1.01E+00	1.43E-01	4.21E-01	5.78E-02	3.59E-03	3.13E-04	9.34E-10	8.18E-11
1.32E+00	2.93E-01	2.55E+00	6.00E-01	7.08E-01	1.65E-01	1.40E+00	1.96E-01	1.65E-01	3.53E-02	8.88E-01	1.93E-01	3.92E-01	7.50E-02	3.23E-03	3.59E-04	8.40E-10	9.38E-11
1.52E+00	3.19E-01	3.11E+00	7.42E-01	9.01E-01	2.11E-01	1.15E+00	2.59E-01	2.02E-01	4.71E-02	1.04E+00	2.12E-01	4.21E-01	7.80E-02	2.21E-03	5.01E-04	5.77E-10	1.31E-10
1.18E+00	2.79E-01	3.12E+00	7.42E-01	8.52E-01	2.06E-01	1.27E+00	2.81E-01	2.20E-01	5.01E-02	8.06E-01	1.86E-01	3.17E-01	6.56E-02	2.61E-03	5.72E-04	6.82E-10	1.49E-10
9.75E-01	2.06E-01	2.68E+00	5.87E-01	7.17E-01	1.57E-01	1.10E+00	2.39E-01	1.88E-01	4.14E-02	6.76E-01	1.39E-01	2.67E-01	6.16E-02	2.40E-03	5.02E-04	6.27E-10	1.31E-10
9.05E-01	2.47E-01	2.19E+00	4.29E-01	5.98E-01	1.12E-01	9.73E-01	1.65E-01	1.55E-01	2.77E-02	6.00E-01	1.67E-01	2.69E-01	7.41E-02	2.01E-03	3.53E-04	5.23E-10	9.21E-11
9.93E-01	2.71E-01	2.04E+00	4.54E-01	6.32E-01	1.33E-01	8.88E-01	1.60E-01	1.32E-01	2.79E-02	6.80E-01	1.85E-01	2.91E-01	7.86E-02	1.85E-03	3.08E-04	4.81E-10	8.01E-11
7.74E-01	1.45E-01	1.62E+00	4.00E-01	7.48E-01	1.25E-01	7.04E-01	1.64E-01	1.33E-01	3.04E-02	6.03E-01	9.84E-02	3.74E-01	4.01E-02	1.59E-03	3.47E-04	4.12E-10	9.03E-11
6.36E-01	1.51E-01	1.90E+00	4.09E-01	6.95E-01	1.18E-01	8.20E-01	1.78E-01	1.55E-01	3.17E-02	4.48E-01	1.02E-01	2.74E-01	4.06E-02	1.83E-03	3.88E-04	4.77E-10	1.01E-10
8.18E-01	1.60E-01	2.00E+00	3.49E-01	6.38E-01	9.15E-02	1.01E+00	1.59E-01	1.65E-01	2.71E-02	5.65E-01	1.08E-01	2.17E-01	4.82E-02	2.21E-03	3.55E-04	5.73E-10	9.24E-11
9.01E-01	1.83E-01	2.25E+00	3.17E-01	7.27E-01	1.00E-01	1.03E+00	1.28E-01	1.74E-01	2.18E-02	6.11E-01	1.22E-01	2.34E-01	5.41E-02	2.33E-03	2.71E-04	6.06E-10	7.05E-11
9.03E-01	1.84E-01	2.31E+00	3.51E-01	8.44E-01	9.38E-02	1.00E+00	1.32E-01	1.68E-01	2.30E-02	6.38E-01	1.23E-01	2.68E-01	5.23E-02	2.34E-03	2.62E-04	6.08E-10	6.84E-11
1.02E+00	1.61E-01	2.19E+00	3.62E-01	8.01E-01	9.92E-02	9.97E-01	1.41E-01	1.63E-01	2.42E-02	7.18E-01	1.08E-01	2.62E-01	4.30E-02	2.27E-03	2.76E-04	5.90E-10	7.21E-11
9.31E-01	1.30E-01	2.32E+00	3.49E-01	8.93E-01	1.00E-01	9.02E-01	1.42E-01	1.66E-01	2.51E-02	6.62E-01	8.90E-02	2.26E-01	3.76E-02	2.00E-03	2.92E-04	5.20E-10	7.61E-11
7.61E-01	1.31E-01	2.23E+00	3.19E-01	8.25E-01	9.30E-02	9.60E-01	1.34E-01	1.65E-01	2.40E-02	5.32E-01	9.07E-02	2.45E-01	3.95E-02	2.09E-03	2.86E-04	5.44E-10	7.46E-11
1.41E+00	1.38E-01	2.51E+00	2.74E-01	8.66E-01	7.77E-02	9.31E-01	1.19E-01	1.61E-01	2.11E-02	9.75E-01	9.55E-02	3.89E-01	4.23E-02	1.98E-03	2.62E-04	5.10E-10	6.82E-11
1.88E+00	1.46E-01	4.31E+00	2.59E-01	1.40E+00	9.94E-02	1.59E+00	1.03E-01	2.99E-01	1.68E-02	1.29E+00	9.93E-02	4.74E-01	4.68E-02	3.12E-03	2.24E-04	8.00E-10	5.82E-11
1.74E+00	1.41E-01	5.03E+00	2.70E-01	1.41E+00	9.83E-02	2.09E+00	1.10E-01	3.65E-01	1.93E-02	1.17E+00	9.60E-02	4.14E-01	4.19E-02	4.44E-03	2.29E-04	1.14E-09	5.88E-11
1.12E+00	1.41E-01	3.92E+00	2.87E-01	8.65E-01	8.38E-02	1.82E+00	1.13E-01	2.87E-01	1.95E-02	7.31E-01	9.65E-02	3.25E-01	4.48E-02	4.03E-03	2.27E-04	1.04E-09	5.83E-11
1.03E+00	1.72E-01	2.26E+00	3.00E-01	6.97E-01	8.75E-02	1.11E+00	1.21E-01	1.71E-01	2.12E-02	7.13E-01	1.17E-01	3.36E-01	5.66E-02	2.43E-03	2.53E-04	6.28E-10	6.36E-11
1.65E+00	2.22E-01	2.47E+00	3.32E-01	8.65E-01	1.00E-01	1.16E+00	1.38E-01	1.86E-01	2.29E-02	1.11E+00	1.50E-01	5.27E-01	7.11E-02	2.80E-03	2.82E-04	7.26E-10	7.34E-11
1.85E+00	2.56E-01	2.93E+00	3.48E-01	1.11E+00	1.08E-01	1.15E+00	1.22E-01	1.95E-01	2.26E-02	1.27E+00	1.79E-01	5.11E-01	7.85E-02	2.58E-03	2.53E-04	6.45E-10	6.60E-11
1.55E+00	2.77E-01	3.33E+00	4.48E-01	1.09E+00	1.67E-01	1.38E+00	1.46E-01	2.57E-01	3.01E-02	1.05E+00	1.86E-01	5.29E-01	8.72E-02	3.07E-03	2.50E-04	7.97E-10	6.48E-11
1.94E+00	2.42E-01	4.48E+00	4.20E-01	1.26E+00	1.28E-01	1.78E+00	1.75E-01	3.07E-01	3.21E-02	1.32E+00	1.70E-01	6.00E-01	7.50E-02	3.53E-03	3.75E-04	9.15E-10	9.75E-11
1.38E+00	1.41E-01	3.77E+00	3.40E-01	9.86E-01	1.30E-01	1.68E+00	1.37E-01	2.85E-01	2.54E-02	9.37E-01	1.04E-01	4.15E-01	3.85E-02	3.67E-03	3.13E-04	9.52E-10	8.11E-11
1.45E+00	1.75E-01	2.21E+00	3.64E-01	1.09E+00	1.54E-01	1.02E+00	1.31E-01	1.72E-01	2.98E-02	9.85E-01	1.17E-01	4.42E-01	5.44E-02	2.21E-03	2.76E-04	5.74E-10	7.03E-11
1.28E+00	1.66E-01	2.61E+00	4.68E-01	1.22E+00	1.69E-01	1.20E+00	1.91E-01	2.26E-01	3.85E-02	8.95E-01	1.12E-01	3.89E-01	4.85E-02	2.82E-03	4.22E-04	7.33E-10	1.09E-10
1.54E+00	1.06E-01	3.23E+00	4.02E-01	8.36E-01	7.66E-02	1.58E+00	2.04E-01	2.45E-01	3.10E-02	1.06E+00	7.36E-02	4.81E-01	3.56E-02	3.71E-03	4.78E-04	9.62E-10	1.24E-10
1.47E+00	1.12E-01	3.63E+00	2.54E-01	1.12E+00	7.67E-02	1.38E+00	9.66E-02	2.56E-01	1.73E-02	9.99E-01	7.75E-02	4.38E-01	2.98E-02	2.78E-03	2.10E-04	7.22E-10	5.48E-11
1.47E+00	1.23E-01	3.24E+00	2.96E-01	1.01E+00	7.67E-02	1.30E+00	1.20E-01	2.43E-01	2.00E-02	9.91E-01	8.33E-02	3.86E-01	3.33E-02	2.86E-03	2.42E-04	7.44E-10	6.28E-11
1.43E+00	1.29E-01	2.91E+00	2.89E-01	8.72E-01	7.93E-02	1.15E+00	1.13E-01	2.01E-01	1.93E-02	9.77E-01	8.68E-02	3.92E-01	3.46E-02	2.50E-03	2.21E-04	6.52E-10	5.75E-11
1.40E+00	1.64E-01	3.25E+00	3.40E-01	1.11E+00	9.43E-02	1.30E+00	1.32E-01	2.27E-01	2.18E-02	9.13E-01	1.09E-01	4.29E-01	4.55E-02	2.64E-03	2.52E-04	6.88E-10	6.59E-11
1.30E+00	1.70E-01	3.22E+00	3.38E-01	1.17E+00	9.53E-02	1.30E+00	1.35E-01	2.20E-01	2.20E-02	8.60E-01	1.14E-01	3.63E-01	4.83E-02	2.64E-03	2.66E-04	6.88E-10	6.93E-11
1.24E+00	1.50E-01	2.85E+00	3.13E-01	9.87E-01	9.18E-02	1.13E+00	1.20E-01	1.94E-01	2.08E-02	8.43E-01	1.02E-01	3.48E-01	4.17E-02	2.26E-03	2.28E-04	5.89E-10	5.95E-11
1.10E+00	1.23E-01	2.02E+00	2.53E-01	6.97E-01	6.98E-02	8.93E-01	9.98E-02	1.47E-01	1.72E-02	6.39E-01	7.87E-02	3.81E-01	4.11E-02	1.98E-03	1.98E-04	5.15E-10	5.17E-11
1.24E+00	1.25E-01	1.75E+00	2.41E-01	5.11E-01	6.52E-02	8.40E-01	1.01E-01	1.33E-01	1.51E-02	7.01E-01	8.04E-02	4.32E-01	4.14E-02	1.79E-03	2.04E-04	4.66E-10	5.32E-11
1.03E+00	1.20E-01	1.79E+00	2.77E-01	5.33E-01	8.03E-02	8.68E-01	1.15E-01	1.27E-01	2.07E-02	6.20E-01	7.99E-02	3.58E-01	3.82E-02	1.82E-03	2.46E-04	4.76E-10	6.42E-11
8.75E-01	1.23E-01	2.09E+00	2.29E-01	5.36E-01	6.25E-02	9.12E-01	9.72E-02	1.34E-01	1.70E-02	5.58E-01	8.34E-02	2.98E-01	3.70E-02	1.88E-03	2.09E-04	4.92E-10	5.47E-11
9.50E-01	1.40E-01	2.07E+00	2.18E-01	5.20E-01	6.49E-02	9.21E-01	8.05E-02	1.32E-01	1.48E-02	5.71E-01	9.24E-02	3.23E-01	4.17E-02	1.89E-03	1.60E-04	4.95E-10	4.16E-11
1.48E+00	1.62E-01	1.95E+00	2.41E-01	6.73E-01	6.53E-02	8.09E-01	9.65E-02	1.45E-01	1.66E-02	8.40E-01	1.05E-01	5.00E-01	4.93E-02	1.66E-03	1.96E-04	4.28E-10	5.10E-11
1.63E+00	1.57E-01	2.29E+00	2.81E-01	7.92E-01	7.78E-02	1.02E+00	1.10E-01	1.54E-01	1.87E-02	1.01E+00	1.05E-01	5.54E-01	4.81E-02	2.13E-03	2.17E-04	5.47E-10	5.58E-11
1.13E+00	1.30E-01	2.14E+00	3.13E-01	8.02E-01	8.29E-02	9.50E-01	1.26E-01	1.43E-01	2.12E-02	8.19E-01	8.95E-02	3.92E-01	3.56E-02	2.01E-03	2.58E-04	5.15E-10	6.60E-11
1.16E+00	1.24E-01	2.34E+00	2.77E-01	6.98E-01	8.55E-02	9.78E-01	1.16E-01	1.65E-01	1.92E-02	7.90E-01	8.24E-02	3.36E-01	3.74E-02	2.03E-03	2.45E-04	5.30E-10	6.24E-11
1.32E+00	1.65E-01	2.39E+00	2.23E-01	9.06E-01	1.19E-01	8.84E-01	8.85E-02	1.62E-01	1.62E-02	8.83E-01	1.12E-01	3.40E-01	4.61E-02	1.99E-03	1.94E-04	5.20E-10	5.07E-11
1.22E+00	1.43E-01	2.16E+00	2.76E-01	1.24E+00	1.27E-01	9.19E-01	9.87E-02	1.60E-01	1.77E-02	8.14E-01	9.87E-02	3.36E-01	3.94E-02	2.06E-03	1.94E-04	5.15E-10	5.05E-11
1.46E+00	1.67E-01	3.17E+00	3.78E-01	9.73E-01	1.05E-01	1.15E+00	1.45E-01	2.12E-01	2.51E-02	9.83E-01	1.13E-01	3.76E-01	4.45E-02	2.19E-03	2.82E-04	5.72E-10	7.37E-11
1.62E+00	1.97E-01	3.64E+00	4.19E-01	1.09E+00	1.20E-01	1.41E+00	1.63E-01	2.66E-01	2.72E-02	1.07E+00	1.37E-01	4.34E-01	5.49E-02	3.03E-03	3.26E-04	7.92E-10	8.53E-11
1.20E+00	2.06E-01	2.78E+00	4.68E-01	7.33E-01	1.30E-01	1.08E+00	1.74E-01	1.84E-01	3.06E-02	8.17E-01	1.40E-01	3.41E-01	5.45E-02	2.14E-03	3.39E-04	5.59E-10	8.86E-11
1.15E+00	1.84E-01	2.50E+00	4.42E-01	8.87E-01	1.12E-01	9.41E-01	1.66E-01	1.65E-01	2.81E-02	7.81E-01	1.22E-01	3.14E-01	4.93E-02	2.12E-03	3.29E-04	5.24E-10	8.60E-11
1.15E+00	2.00E-01	2.22E+00	3.68E-01	1.07E+00	1.10E-01	8.57E-01	1.31E-01	1.47E-01	2.22E-02	7.33E-01	1.36E-01	3.24E-01	5.57E-02	1.87E-03	2.49E-04	4.65E-10	6.50E-11
1.52E+00	2.21E-01	2.14E+00	4.10E-01	9.88E-01	1.18E-01	1.02E+00	1.43E-01	1.38E-01	2.57E-02	9.52E-01	1.43E-01	5.26E-01	5.90E-02	1.85E-03	2.64E-04	4.80E-10	6.91E-11
1.51E+00	3.13E-01	3.66E+00	6.26E-01	7.55E-01	1.72E-01	1.87E+00	2.00E-01	2.03E-01	3.61E-02	1.03E+00	2.06E-01	4.80E-01	8.03E-02	4.01E-03	3.61E-04	1.04E-09	9.42E-11
1.63E+00	3.34E-01	3.44E+00	7.83E-01	1.02E+00	2.23E-01	1.77E+00	2.73E-01	2.27E-01	4.99E-02	1.13E+00	2.22E-01	4.47E-01	8.10E-02	4.11E-03	5.30E-04	1.07E-09	1.39E-10
1.26E+00	2.81E-01	3.32E+00	7.78E-01	9.04E-01	2.14E-01	1.38E+00	3.00E-01	2.39E-01	5.32E-02	8.52E-01	1.88E-01	3.46E-01	6.55E-02	2.88E-03	6.16E-04	7.53E-10	1.61E-10
9.98E-01	2.56E-01	2.87E+00	5.77E-01	7.56E-01	1.50E-01	1.19E+00	2.40E-01	2.03E-01	4.11E-02	6.90E-01	1.73E-01	2.94E-01	7.70E-02	2.49E-03	5.10E-04	6.51E-10	1.33E-10
1.01E+00	2.82E-01	2.21E+00	4.73E-01	6.17E-01	1.28E-01	9.81E-01	1.68E-01	1.43E-01	2.89E-02	6.83E-01	1.92E-01	2.96E-01	8.35E-02	2.01E-03	3.18E-04	5.24E-10	8.30E-11
9.73E-01	2.89E-01	1.94E+00	4.65E-01	6.06E-01	1.36E-01	7.92E-01	1.61E-01	1.33E-01	2.82E-02	6.68E-01	1.89E-01	2.97E-01	8.66E-02	1.64E-03	3.14E-04	4.27E-10	8.17E-11
1.28E+00	4.08E-01	2.11E+00	6.11E-01	6.80E-01	1.57E-01	8.19E-01	2.03E-01	1.37E-01	3.47E-02	8.41E-01	2.67E-01	4.00E-01	1.18E-01	1.71E-03	3.82E-04	4.40E-10	9.98E-11
7.68E-01	1.37E-01	1.85E+00	3.21E-01	5.96E-01	1.04E-01	8.06E-01	1.20E-01	1.50E-01	2.26E-02	7.48E-01	9.24E-02	4.66E-01	3.73E-02	1.81E-03	2.34E-04	4.72E-10	6.08E-11
6.62E-01	1.48E-01	1.71E+00	3.87E-01	7.50E-01	1.25E-01	7.55E-01	1.54E-01	1.40E-01	2.91E-02	5.75E-01	1.00E-01	3.57E-01	4.18E-02	1.69E-03	3.20E-04	4.41E-10	8.32E-11
6.60E-01	1.58E-01	1.88E+00	4.15E-01	8.13E-01	1.26E-01	8.02E-01	1.76E-01	1.51E-01	3.22E-02	4.44E-01	1.07E-01	2.40E-01	4.36E-02	1.77E-03	3.80E-04	4.60E-10	9.91E-11
7.97E-01	1.59E-01	2.32E+00	3.83E-01	8.10E-01	1.05E-01	1.01E+00	1.71E-01	1.80E-01	2.99E-02	5.52E-01	1.07E-01	2.18E-01	4.84E-02	2.23E-03	3.80E-04	5.79E-10	9.89E-11
9.35E-01	1.88E-01	2.22E+00	3.36E-01	7.24E-01	1.01E-01	9.84E-01	1.40E-01	1.68E-01	2.33E-02	6.37E-01	1.26E-01	2.38E-01	5.66E-02	2.19E-03	3.16E-04	5.70E-10	8.23E-11
9.08E-01	1.97E-01	2.30E+00	3.54E-01	7.37E-01	1.03E-01	1.02E+00	1.32E-01	1.73E-01	2.34E-02	6.45E-01	1.32E-01	2.75E-01	5.74E-02	2.29E-03	2.61E-04	5.96E-10	6.81E-11
1.05E+00	1.78E-01	2.32E+00	3.73E-01	7.01E-01	1.00E-01	1.02E+00	1.44E-01	1.72E-01	2.43E-02	7.37E-01	1.19E-01	2.78E-01	4.88E-02	2.20E-03	2.78E-04	5.74E-10	7.27E-11
9.92E-01	1.43E-01	2.31E+00	3.69E-01	9.09E-01	1.05E-01	9.34E-01	1.49E-01	1.63E-01	2.61E-02	7.02E-01	9.58E-02	2.40E-01	4.01E-02	2.12E-03	3.02E-04	5.53E-10	7.89E-11
7.77E-01	1.42E-01	2.40E+00	3.49E-01	8.94E-01	1.02E-01	1.01E+00	1.46E-01	1.77E-01	2.62E-02	5.58E-01	9.81E-02	2.56E-01	4.28E-02	2.19E-03	3.10E-04	5.69E-10	8.09E-11
1.48E+00	1.49E-01	2.53E+00	3.01E-01	8.71E-01	8.58E-02	8.50E-01	1.30E-01	1.63E-01	2.31E-02	1.02E+00	1.03E-01	4.15E-01	4.48E-02	1.94E-03	2.83E-04	5.04E-10	7.39E-11
2.02E+00	1.51E-01	4.48E+00	2.68E-01	1.46E+00	1.03E-01	1.63E+00	1.04E-01	3.09E-01	1.69E-02	1.38E+00	1.03E-01	5.14E-01	4.86E-02	3.16E-03	2.29E-04	8.11E-10	5.96E-11
1.92E+00	1.59E-01	5.55E+00	3.02E-01	1.56E+00	1.04E-01	2.30E+00	1.18E-01	4.02E-01	2.07E-02	1.29E+00	1.08E-01	4.55E-01	4.74E-02	4.87E-03	2.44E-04	1.25E-09	6.29E-11
1.22E+00	1.57E-01	4.34E+00	3.31E-01	9.85E-01	9.72E-02	2.02E+00	1.30E-01	3.18E-01	2.27E-02	7.89E-01	1.07E-01	3.57E-01	5.19E-02	4.49E-03	2.63E-04	1.16E-09	6.78E-11
1.16E+00	2.07E-01	2.56E+00	3.49E-01	7.87E-01	1.02E-01	1.25E+00	1.41E-01	2.02E-01	2.48E-02	7.99E-01	1.40E-01	3.88E-01	6.77E-02	2.74E-03	2.97E-04	7.13E-10	7.49E-11
1.96E+00	2.56E-01	2.77E+00	3.46E-01	9.25E-01	1.09E-01	1.20E+00	1.46E-01	2.09E-01	2.40E-02	1.33E+00	1.71E-01	6.00E-01	8.13E-02	2.89E-03	3.02E-04	7.52E-10	7.87E-11
1.67E+00	2.92E-01	3.12E+00	4.00E-01	1.17E+00	1.52E-01	1.11E+00	1.33E-01	2.20E-01	2.35E-02	1.09E+00	1.94E-01	5.64E-01	9.23E-02	2.45E-03	2.47E-04	6.16E-10	6.44E-11
1.93E+00	2.87E-01	3.67E+00	4.53E-01	1.05E+00	1.50E-01	1.36E+00	1.73E-01	2.33E-01	3.30E-02	1.31E+00	1.97E-01	6.01E-01	9.10E-02	3.17E-03	3.44E-04	8.23E-10	8.95E-11
1.50E+00	1.83E-01	4.61E+00	3.69E-01	1.27E+00	1.30E-01	1.98E+00	1.54E-01	3.42E-01	2.68E-02	1.02E+00	1.33E-01	4.50E-01	5.34E-02	4.21E-03	3.43E-04	1.09E-09	8.92E-11
1.36E+00	1.61E-01	2.89E+00	3.47E-01	1.14E+00	1.35E-01	1.22E+00	1.27E-01	2.06E-01	2.71E-02	9.23E-01	1.08E-01	4.14E-01	4.99E-02	2.50E-03	2.66E-04	6.52E-10	6.77E-11
1.41E+00	1.94E-01	2.38E+00	4.61E-01	1.23E+00	1.87E-01	1.04E+00	1.75E-01	1.94E-01	3.84E-02	9.88E-01	1.30E-01	4.15E-01	5.87E-02	2.36E-03	3.77E-04	6.15E-10	9.70E-11
1.55E+00	1.30E-01	3.53E+00	5.02E-01	9.21E-01	1.14E-01	1.67E+00	2.43E-01	2.82E-01	3.94E-02	1.07E+00	8.73E-02	5.05E-01	4.12E-02	3.87E-03	5.60E-04	1.01E-09	1.45E-10
1.75E+00	1.23E-01	3.94E+00	2.61E-01	1.26E+00	7.88E-02	1.43E+00	1.28E-01	2.70E-01	1.75E-02	1.19E+00	8.50E-02	4.83E-01	3.44E-02	3.06E-03	3.03E-04	7.96E-10	7.84E-11
1.53E+00	1.34E-01	3.55E+00	3.23E-01	1.15E+00	8.49E-02	1.52E+00	1.30E-01	2.68E-01	2.19E-02	1.03E+00	9.11E-02	4.03E-01	3.62E-02	3.36E-03	2.62E-04	8.72E-10	6.81E-11
1.47E+00	1.39E-01	3.12E+00	3.13E-01	9.09E-01	8.62E-02	1.22E+00	1.22E-01	2.15E-01	2.09E-02	1.00E+00	9.34E-02	4.03E-01	3.71E-02	2.68E-03	2.39E-04	6.98E-10	6.22E-11
1.43E+00	1.74E-01	3.22E+00	3.49E-01	1.10E+00	9.54E-02	1.28E+00	1.34E-01	2.25E-01	2.21E-02	9.31E-01	1.15E-01	4.37E-01	4.87E-02	2.62E-03	2.52E-04	6.85E-10	6.58E-11
1.29E+00	1.79E-01	3.10E+00	3.42E-01	1.10E+00	9.82E-02	1.32E+00	1.34E-01	2.10E-01	2.15E-02	8.91E-01	1.20E-01	3.67E-01	5.11E-02	2.69E-03	2.66E-04	7.02E-10	6.94E-11
1.22E+00	1.52E-01	2.97E+00	3.20E-01	8.88E-01	8.84E-02	1.18E+00	1.23E-01	2.01E-01	2.10E-02	8.13E-01	1.04E-01	4.07E-01	4.23E-02	2.36E-03	2.34E-04	6.14E-10	6.13E-11
1.05E+00	1.41E-01	2.21E+00	2.58E-01	6.80E-01	7.09E-02	9.44E-01	1.02E-01	1.51E-01	1.76E-02	6.57E-01	8.97E-02	3.65E-01	4.71E-02	2.04E-03	2.03E-04	5.32E-10	5.31E-11
1.32E+00	1.38E-01	1.98E+00	2.57E-01	5.86E-01	7.61E-02	8.83E-01	1.09E-01	1.37E-01	1.76E-02	7.54E-01	8.98E-02	4.57E-01	4.54E-02	1.90E-03	2.20E-04	4.96E-10	5.76E-11
8.98E-01	1.34E-01	2.17E+00	2.95E-01	6.36E-01	8.41E-02	1.03E+00	1.23E-01	1.34E-01	2.21E-02	5.84E-01	9.00E-02	3.14E-01	4.17E-02	2.14E-03	2.66E-04	5.61E-10	6.96E-11
1.05E+00	1.40E-01	2.05E+00	2.15E-01	5.89E-01	6.20E-02	8.62E-01	9.12E-02	1.39E-01	1.57E-02	6.31E-01	9.49E-02	3.60E-01	4.17E-02	1.76E-03	1.94E-04	4.61E-10	5.07E-11
1.17E+00	1.60E-01	2.26E+00	2.46E-01	6.23E-01	7.26E-02	9.83E-01	9.44E-02	1.47E-01	1.70E-02	6.49E-01	1.05E-01	3.96E-01	4.78E-02	2.02E-03	1.89E-04	5.28E-10	4.92E-11
1.77E+00	1.72E-01	2.26E+00	2.63E-01	8.00E-01	7.13E-02	9.83E-01	1.01E-01	1.66E-01	1.67E-02	1.03E+00	1.12E-01	5.95E-01	5.22E-02	2.07E-03	2.07E-04	5.33E-10	5.39E-11
1.57E+00	1.48E-01	2.52E+00	3.25E-01	9.14E-01	8.79E-02	1.15E+00	1.29E-01	1.76E-01	2.18E-02	1.03E+00	1.02E-01	5.37E-01	4.43E-02	2.48E-03	2.59E-04	6.39E-10	6.64E-11
1.24E+00	1.22E-01	2.44E+00	3.13E-01	8.79E-01	8.13E-02	9.68E-01	1.29E-01	1.66E-01	2.15E-02	8.66E-01	8.38E-02	3.24E-01	3.27E-02	2.12E-03	2.69E-04	5.45E-10	6.88E-11
1.34E+00	1.65E-01	2.20E+00	2.38E-01	8.55E-01	1.10E-01	9.14E-01	1.02E-01	1.66E-01	1.67E-02	8.88E-01	1.11E-01	3.62E-01	4.75E-02	2.06E-03	2.20E-04	5.37E-10	5.59E-11

Scenario 1 Results

1.21E+00	1.58E-01	2.27E+00	2.60E-01	1.15E+00	1.29E-01	9.88E-01	9.90E-02	1.72E-01	1.71E-02	8.02E-01	1.09E-01	3.65E-01	4.23E-02	2.25E-03	2.21E-04	5.87E-10	5.75E-11
1.50E+00	1.75E-01	3.15E+00	3.82E-01	1.06E+00	1.08E-01	1.12E+00	1.44E-01	2.08E-01	2.52E-02	1.01E+00	1.19E-01	3.89E-01	4.71E-02	2.10E-03	2.76E-04	5.49E-10	7.22E-11
1.59E+00	1.91E-01	3.22E+00	4.20E-01	1.02E+00	1.13E-01	1.21E+00	1.62E-01	2.35E-01	2.72E-02	1.05E+00	1.32E-01	4.34E-01	5.37E-02	2.55E-03	3.21E-04	6.67E-10	8.41E-11
1.41E+00	2.41E-01	3.36E+00	5.51E-01	8.70E-01	1.53E-01	1.31E+00	2.06E-01	2.21E-01	3.61E-02	9.57E-01	1.65E-01	3.99E-01	6.42E-02	2.77E-03	4.00E-04	7.24E-10	1.05E-10
1.25E+00	1.98E-01	2.63E+00	4.67E-01	7.73E-01	1.17E-01	1.00E+00	1.74E-01	1.71E-01	2.94E-02	8.51E-01	1.32E-01	3.46E-01	5.50E-02	2.23E-03	3.43E-04	5.54E-10	8.96E-11
1.09E+00	2.14E-01	2.29E+00	3.83E-01	9.80E-01	1.15E-01	9.57E-01	1.31E-01	1.49E-01	2.33E-02	7.36E-01	1.45E-01	3.15E-01	6.00E-02	2.00E-03	2.45E-04	5.09E-10	6.41E-11
1.18E+00	2.44E-01	2.18E+00	4.44E-01	9.84E-01	1.24E-01	8.17E-01	1.54E-01	1.47E-01	2.73E-02	8.06E-01	1.58E-01	3.99E-01	6.51E-02	1.76E-03	2.84E-04	4.45E-10	7.42E-11
1.69E+00	3.15E-01	2.36E+00	6.21E-01	8.07E-01	1.71E-01	1.07E+00	1.95E-01	1.53E-01	3.54E-02	1.07E+00	2.07E-01	5.90E-01	8.08E-02	1.88E-03	3.49E-04	4.89E-10	9.13E-11
1.54E+00	3.17E-01	3.92E+00	7.50E-01	1.01E+00	2.13E-01	1.98E+00	2.61E-01	2.23E-01	4.78E-02	1.07E+00	2.11E-01	4.79E-01	7.67E-02	4.26E-03	5.08E-04	1.11E-09	1.33E-10
1.24E+00	2.50E-01	3.53E+00	7.11E-01	8.78E-01	1.94E-01	1.92E+00	2.77E-01	2.26E-01	4.90E-02	8.32E-01	1.67E-01	3.35E-01	6.84E-02	4.47E-03	5.74E-04	1.17E-09	1.50E-10
1.11E+00	3.08E-01	2.98E+00	5.46E-01	7.76E-01	1.38E-01	1.25E+00	2.32E-01	2.13E-01	3.93E-02	7.48E-01	2.09E-01	3.32E-01	9.26E-02	2.65E-03	4.99E-04	6.93E-10	1.30E-10
1.20E+00	3.35E-01	2.59E+00	5.85E-01	7.53E-01	1.70E-01	1.14E+00	2.07E-01	1.63E-01	3.61E-02	8.22E-01	2.28E-01	3.50E-01	9.64E-02	2.34E-03	4.00E-04	6.10E-10	1.04E-10
1.24E+00	4.01E-01	2.08E+00	5.87E-01	6.53E-01	1.57E-01	8.24E-01	2.00E-01	1.45E-01	3.45E-02	8.10E-01	2.63E-01	3.91E-01	1.18E-01	1.71E-03	3.72E-04	4.47E-10	9.71E-11
1.33E+00	4.48E-01	2.17E+00	7.34E-01	6.66E-01	2.01E-01	7.44E-01	2.29E-01	1.41E-01	3.96E-02	8.94E-01	2.96E-01	3.95E-01	1.26E-01	1.42E-03	4.04E-04	3.72E-10	1.06E-10
1.59E+00	5.70E-01	4.21E+00	1.19E+00	1.22E+00	3.37E-01	1.47E+00	4.08E-01	2.77E-01	7.34E-02	1.08E+00	3.80E-01	4.51E-01	1.48E-01	2.98E-03	7.60E-04	7.77E-10	1.99E-10
7.41E-01	1.31E-01	1.79E+00	2.85E-01	6.05E-01	7.80E-02	7.94E-01	1.22E-01	1.37E-01	2.10E-02	8.15E-01	8.86E-02	5.07E-01	3.73E-02	1.70E-03	2.58E-04	4.41E-10	6.72E-11
6.38E-01	1.39E-01	1.84E+00	2.92E-01	6.29E-01	9.38E-02	8.13E-01	1.13E-01	1.48E-01	1.98E-02	7.26E-01	9.36E-02	4.52E-01	3.67E-02	1.83E-03	2.35E-04	4.76E-10	6.12E-11
7.43E-01	1.45E-01	1.83E+00	3.56E-01	8.89E-01	1.19E-01	8.02E-01	1.37E-01	1.43E-01	2.63E-02	5.45E-01	9.91E-02	3.18E-01	4.21E-02	1.79E-03	2.75E-04	4.68E-10	7.17E-11
9.24E-01	1.63E-01	2.33E+00	4.08E-01	9.94E-01	1.31E-01	8.16E-01	1.67E-01	1.77E-01	3.15E-02	6.61E-01	1.10E-01	2.13E-01	4.60E-02	1.77E-03	3.55E-04	4.58E-10	9.24E-11
8.36E-01	1.71E-01	2.38E+00	4.17E-01	8.59E-01	1.22E-01	1.05E+00	1.82E-01	1.79E-01	3.27E-02	5.83E-01	1.15E-01	2.17E-01	4.82E-02	2.32E-03	3.99E-04	6.02E-10	1.04E-10
9.58E-01	1.93E-01	2.03E+00	3.57E-01	6.50E-01	9.89E-02	1.05E+00	1.62E-01	1.67E-01	2.76E-02	6.57E-01	1.30E-01	2.52E-01	5.88E-02	2.27E-03	3.63E-04	5.91E-10	9.47E-11
9.73E-01	2.09E-01	2.21E+00	3.54E-01	7.41E-01	1.08E-01	1.04E+00	1.35E-01	1.74E-01	2.31E-02	6.56E-01	1.40E-01	2.85E-01	6.22E-02	2.32E-03	2.73E-04	6.03E-10	7.13E-11
1.10E+00	1.98E-01	2.44E+00	3.89E-01	6.91E-01	1.02E-01	1.02E+00	1.48E-01	1.79E-01	2.47E-02	7.66E-01	1.32E-01	2.99E-01	5.58E-02	2.21E-03	2.84E-04	5.77E-10	7.43E-11
1.08E+00	1.65E-01	2.32E+00	4.02E-01	9.45E-01	1.12E-01	1.05E+00	1.60E-01	1.68E-01	2.78E-02	7.63E-01	1.10E-01	2.59E-01	4.38E-02	2.37E-03	3.20E-04	6.17E-10	8.37E-11
8.69E-01	1.54E-01	2.56E+00	3.81E-01	9.71E-01	1.11E-01	1.05E+00	1.58E-01	1.88E-01	2.83E-02	6.21E-01	1.06E-01	2.68E-01	4.65E-02	2.24E-03	3.33E-04	5.84E-10	8.70E-11
1.55E+00	1.61E-01	2.54E+00	3.28E-01	8.79E-01	9.40E-02	9.33E-01	1.41E-01	1.64E-01	2.51E-02	1.07E+00	1.11E-01	4.41E-01	4.86E-02	2.10E-03	3.06E-04	5.46E-10	7.99E-11
2.27E+00	1.74E-01	4.98E+00	3.17E-01	1.64E+00	1.17E-01	1.80E+00	1.23E-01	3.43E-01	2.01E-02	1.54E+00	1.20E-01	5.76E-01	5.43E-02	3.46E-03	2.71E-04	8.92E-10	7.07E-11
2.18E+00	1.85E-01	6.36E+00	3.55E-01	1.80E+00	1.16E-01	2.63E+00	1.36E-01	4.62E-01	2.33E-02	1.46E+00	1.25E-01	5.10E-01	5.52E-02	5.57E-03	2.74E-04	1.44E-09	7.06E-11
1.33E+00	1.78E-01	4.92E+00	3.80E-01	1.11E+00	1.12E-01	2.30E+00	1.50E-01	3.63E-01	2.62E-02	8.62E-01	1.24E-01	3.95E-01	6.15E-02	5.13E-03	3.05E-04	1.32E-09	7.90E-11
1.52E+00	2.39E-01	2.75E+00	3.58E-01	8.95E-01	1.06E-01	1.28E+00	1.43E-01	2.01E-01	2.54E-02	1.03E+00	1.61E-01	4.99E-01	7.82E-02	2.88E-03	3.02E-04	7.41E-10	7.62E-11
2.03E+00	3.00E-01	2.80E+00	3.84E-01	1.05E+00	1.16E-01	1.22E+00	1.43E-01	2.12E-01	2.45E-02	1.38E+00	1.98E-01	5.93E-01	9.49E-02	2.69E-03	2.96E-04	7.01E-10	7.73E-11
1.74E+00	3.31E-01	3.22E+00	4.65E-01	1.09E+00	1.70E-01	1.29E+00	1.52E-01	2.41E-01	3.11E-02	1.12E+00	2.20E-01	5.98E-01	1.05E-01	2.76E-03	2.62E-04	7.18E-10	6.82E-11
1.94E+00	2.43E-01	4.72E+00	3.98E-01	1.39E+00	1.17E-01	1.89E+00	1.66E-01	3.34E-01	3.00E-02	1.31E+00	1.72E-01	6.02E-01	7.56E-02	3.78E-03	3.57E-04	9.84E-10	9.29E-11
1.53E+00	1.46E-01	3.18E+00	3.53E-01	9.86E-01	1.49E-01	1.33E+00	1.29E-01	2.25E-01	2.86E-02	1.04E+00	9.96E-02	4.16E-01	4.43E-02	2.95E-03	2.91E-04	7.67E-10	7.56E-11
1.48E+00	2.06E-01	2.48E+00	4.45E-01	1.09E+00	1.91E-01	1.09E+00	1.62E-01	1.90E-01	3.70E-02	1.03E+00	1.38E-01	4.37E-01	6.35E-02	2.50E-03	3.42E-04	6.52E-10	8.76E-11
1.39E+00	1.78E-01	3.55E+00	5.60E-01	1.17E+00	1.61E-01	1.50E+00	2.51E-01	2.90E-01	4.50E-02	9.59E-01	1.19E-01	4.66E-01	4.92E-02	3.54E-03	5.69E-04	9.22E-10	1.47E-10
2.11E+00	1.33E-01	4.06E+00	3.40E-01	1.30E+00	7.55E-02	1.59E+00	1.81E-01	2.64E-01	2.55E-02	1.44E+00	9.15E-02	5.71E-01	4.17E-02	3.79E-03	4.27E-04	9.87E-10	1.11E-10
1.54E+00	1.47E-01	3.94E+00	3.43E-01	1.27E+00	9.20E-02	1.73E+00	1.37E-01	2.90E-01	2.32E-02	1.04E+00	9.97E-02	4.44E-01	3.98E-02	3.76E-03	2.72E-04	9.78E-10	7.08E-11
1.53E+00	1.51E-01	3.36E+00	3.41E-01	1.03E+00	9.47E-02	1.30E+00	1.33E-01	2.30E-01	2.29E-02	1.04E+00	1.01E-01	4.24E-01	4.01E-02	2.98E-03	2.60E-04	7.78E-10	6.78E-11
1.49E+00	1.88E-01	3.27E+00	3.68E-01	1.14E+00	9.92E-02	1.32E+00	1.39E-01	2.30E-01	2.30E-02	9.76E-01	1.25E-01	4.52E-01	5.31E-02	2.78E-03	2.59E-04	7.26E-10	6.77E-11
1.39E+00	1.95E-01	3.28E+00	3.70E-01	1.07E+00	1.07E-01	1.42E+00	1.42E-01	2.14E-01	2.32E-02	9.53E-01	1.31E-01	3.91E-01	5.60E-02	2.89E-03	2.83E-04	7.54E-10	7.40E-11
1.44E+00	1.64E-01	3.27E+00	3.53E-01	8.98E-01	9.76E-02	1.30E+00	1.36E-01	2.21E-01	2.33E-02	8.95E-01	1.12E-01	4.96E-01	5.29E-02	2.62E-03	2.61E-04	6.85E-10	6.83E-11
1.50E+00	1.77E-01	2.70E+00	2.91E-01	7.72E-01	7.92E-02	1.13E+00	1.17E-01	1.80E-01	1.98E-02	8.37E-01	1.12E-01	5.18E-01	5.90E-02	2.44E-03	2.29E-04	6.37E-10	5.99E-11
1.39E+00	1.63E-01	2.34E+00	3.10E-01	7.26E-01	9.28E-02	1.07E+00	1.24E-01	1.58E-01	2.27E-02	8.16E-01	1.07E-01	4.78E-01	5.30E-02	2.29E-03	2.58E-04	5.98E-10	6.75E-11
1.19E+00	1.59E-01	2.64E+00	3.17E-01	7.36E-01	8.93E-02	1.22E+00	1.33E-01	1.65E-01	2.37E-02	6.68E-01	1.08E-01	4.09E-01	4.88E-02	2.53E-03	2.87E-04	6.61E-10	7.51E-11
1.27E+00	1.73E-01	2.38E+00	2.63E-01	6.72E-01	7.81E-02	1.08E+00	9.67E-02	1.65E-01	1.74E-02	7.62E-01	1.16E-01	4.36E-01	5.12E-02	2.21E-03	1.93E-04	5.79E-10	5.05E-11
1.68E+00	1.85E-01	2.30E+00	2.82E-01	7.68E-01	7.63E-02	9.40E-01	1.08E-01	1.66E-01	1.89E-02	9.35E-01	1.21E-01	5.63E-01	5.54E-02	1.94E-03	2.19E-04	5.07E-10	5.70E-11
1.93E+00	1.74E-01	2.67E+00	3.18E-01	9.52E-01	8.82E-02	1.18E+00	1.23E-01	2.00E-01	2.11E-02	1.17E+00	1.16E-01	6.52E-01	5.24E-02	2.57E-03	2.42E-04	6.62E-10	6.22E-11
1.33E+00	1.42E-01	2.65E+00	3.45E-01	1.03E+00	9.11E-02	1.24E+00	1.40E-01	1.92E-01	2.34E-02	9.39E-01	9.75E-02	4.52E-01	3.86E-02	2.78E-03	2.87E-04	7.17E-10	7.34E-11
1.39E+00	1.48E-01	2.40E+00	2.81E-01	9.26E-01	9.43E-02	1.02E+00	1.19E-01	1.70E-01	1.96E-02	9.63E-01	9.89E-02	3.82E-01	4.43E-02	2.15E-03	2.54E-04	5.63E-10	6.47E-11
1.38E+00	1.78E-01	2.44E+00	2.54E-01	1.11E+00	1.33E-01	1.08E+00	1.01E-01	1.85E-01	1.86E-02	9.28E-01	1.22E-01	3.99E-01	4.88E-02	2.45E-03	2.24E-04	6.40E-10	5.86E-11
1.51E+00	1.82E-01	3.07E+00	3.81E-01	1.17E+00	1.17E-01	1.07E+00	1.41E-01	2.00E-01	2.49E-02	1.01E+00	1.23E-01	3.93E-01	4.94E-02	2.44E-03	2.66E-04	6.36E-10	6.96E-11
1.66E+00	1.98E-01	3.10E+00	4.49E-01	1.02E+00	1.15E-01	1.14E+00	1.73E-01	2.26E-01	2.91E-02	1.10E+00	1.37E-01	4.57E-01	5.62E-02	2.43E-03	3.43E-04	6.34E-10	8.98E-11
1.45E+00	2.49E-01	3.46E+00	5.56E-01	8.63E-01	1.54E-01	1.30E+00	2.07E-01	2.28E-01	3.62E-02	9.79E-01	1.70E-01	4.13E-01	6.67E-02	2.83E-03	3.99E-04	7.40E-10	1.04E-10
1.41E+00	2.30E-01	3.01E+00	5.26E-01	7.92E-01	1.31E-01	1.14E+00	1.96E-01	1.95E-01	3.29E-02	9.58E-01	1.53E-01	3.91E-01	6.38E-02	2.45E-03	3.85E-04	6.13E-10	1.01E-10
1.16E+00	2.42E-01	2.65E+00	4.36E-01	9.60E-01	1.31E-01	1.14E+00	1.48E-01	1.84E-01	2.67E-02	7.53E-01	1.64E-01	3.59E-01	6.77E-02	2.45E-03	2.65E-04	6.23E-10	6.92E-11
1.21E+00	2.67E-01	2.43E+00	4.84E-01	8.85E-01	1.31E-01	9.72E-01	1.66E-01	1.62E-01	2.91E-02	8.34E-01	1.73E-01	4.02E-01	7.12E-02	2.14E-03	3.06E-04	5.44E-10	8.02E-11
1.61E+00	3.29E-01	2.56E+00	6.63E-01	7.59E-01	1.83E-01	9.45E-01	2.11E-01	1.64E-01	3.83E-02	1.09E+00	2.16E-01	4.75E-01	8.36E-02	1.97E-03	3.82E-04	5.06E-10	9.97E-11
1.80E+00	3.04E-01	3.16E+00	7.43E-01	9.37E-01	2.08E-01	1.23E+00	2.64E-01	2.14E-01	4.79E-02	1.13E+00	2.02E-01	6.15E-01	7.28E-02	2.31E-03	5.21E-04	6.04E-10	1.36E-10
1.45E+00	2.59E-01	4.17E+00	6.25E-01	8.09E-01	1.66E-01	2.10E+00	2.48E-01	2.33E-01	4.33E-02	8.24E-01	1.75E-01	4.36E-01	7.91E-02	4.60E-03	5.19E-04	1.20E-09	1.36E-10
1.11E+00	3.11E-01	3.26E+00	5.13E-01	6.39E-01	1.34E-01	1.77E+00	1.83E-01	2.09E-01	3.10E-02	7.64E-01	2.11E-01	3.29E-01	9.31E-02	4.11E-03	3.74E-04	1.07E-09	9.77E-11
1.22E+00	3.94E-01	2.38E+00	5.87E-01	7.16E-01	1.69E-01	1.05E+00	2.04E-01	1.60E-01	3.60E-02	8.12E-01	2.59E-01	3.92E-01	1.18E-01	2.13E-03	3.99E-04	5.57E-10	1.04E-10
1.61E+00	5.32E-01	2.55E+00	8.57E-01	7.99E-01	2.34E-01	9.04E-01	2.71E-01	1.67E-01	4.59E-02	1.08E+00	3.50E-01	4.78E-01	1.50E-01	1.90E-03	4.93E-04	4.97E-10	1.29E-10
1.41E+00	5.13E-01	3.12E+00	9.95E-01	9.22E-01	2.83E-01	1.03E+00	3.29E-01	1.99E-01	5.92E-02	9.63E-01	3.42E-01	3.93E-01	1.36E-01	2.04E-03	5.89E-04	5.34E-10	1.54E-10
1.45E+00	4.52E-01	3.38E+00	1.08E+00	9.24E-01	3.07E-01	1.22E+00	3.87E-01	2.24E-01	7.02E-02	9.63E-01	3.03E-01	3.80E-01	1.11E-01	2.54E-03	7.59E-04	6.64E-10	1.99E-10
2.16E+00	5.48E-01	4.94E+00	1.54E+00	1.53E+00	4.09E-01	1.87E+00	6.11E-01	3.32E-01	1.07E-01	1.45E+00	3.67E-01	5.60E-01	1.58E-01	3.64E-03	1.29E-03	9.51E-10	3.37E-10
6.79E-01	1.19E-01	1.93E+00	2.83E-01	6.05E-01	8.71E-02	1.12E+00	1.19E-01	1.28E-01	2.18E-02	7.65E-01	8.15E-02	4.77E-01	3.67E-02	2.46E-03	2.55E-04	6.38E-10	6.63E-11
7.11E-01	1.34E-01	1.81E+00	2.90E-01	6.24E-01	8.26E-02	9.87E-01	1.24E-01	1.34E-01	2.19E-02	8.23E-01	9.06E-02	5.13E-01	3.97E-02	2.14E-03	2.65E-04	5.57E-10	6.91E-11
8.08E-01	1.42E-01	1.78E+00	2.82E-01	8.24E-01	8.32E-02	7.86E-01	1.20E-01	1.38E-01	2.05E-02	6.85E-01	9.57E-02	4.27E-01	3.88E-02	1.77E-03	2.54E-04	4.61E-10	6.61E-11
1.11E+00	1.43E-01	2.28E+00	3.32E-01	1.02E+00	1.12E-01	9.98E-01	1.22E-01	1.65E-01	2.37E-02	7.88E-01	9.79E-02	2.88E-01	4.23E-02	2.21E-03	2.70E-04	5.73E-10	7.03E-11
1.11E+00	1.67E-01	2.37E+00	4.01E-01	1.02E+00	1.36E-01	9.20E-01	1.58E-01	1.73E-01	3.07E-02	7.83E-01	1.14E-01	2.54E-01	4.82E-02	1.99E-03	3.27E-04	5.18E-10	8.53E-11
8.26E-01	1.82E-01	2.14E+00	4.38E-01	8.94E-01	1.37E-01	1.08E+00	1.85E-01	1.64E-01	3.43E-02	5.84E-01	1.23E-01	2.09E-01	5.11E-02	2.37E-03	3.99E-04	6.17E-10	1.04E-10
9.59E-01	1.95E-01	1.99E+00	4.06E-01	7.17E-01	1.13E-01	1.12E+00	1.81E-01	1.65E-01	3.18E-02	6.60E-01	1.31E-01	2.62E-01	5.99E-02	2.42E-03	4.02E-04	6.30E-10	1.05E-10
1.06E+00	2.24E-01	2.20E+00	3.71E-01	7.62E-01	1.12E-01	1.04E+00	1.48E-01	1.72E-01	2.50E-02	7.18E-01	1.50E-01	2.99E-01	6.76E-02	2.30E-03	3.33E-04	6.01E-10	8.67E-11
1.17E+00	2.27E-01	2.60E+00	4.19E-01	8.06E-01	1.18E-01	1.14E+00	1.58E-01	1.89E-01	2.71E-02	8.13E-01	1.51E-01	3.28E-01	6.53E-02	2.55E-03	2.98E-04	6.64E-10	7.78E-11
1.20E+00	1.96E-01	2.61E+00	4.48E-01	9.93E-01	1.24E-01	1.19E+00	1.77E-01	1.96E-01	3.03E-02	8.42E-01	1.31E-01	2.86E-01	5.16E-02	2.62E-03	3.47E-04	6.84E-10	9.08E-11
9.83E-01	1.70E-01	2.72E+00	4.23E-01	1.06E+00	1.22E-01	1.09E+00	1.74E-01	1.99E-01	3.10E-02	7.00E-01	1.17E-01	2.88E-01	5.14E-02	2.28E-03	3.63E-04	5.95E-10	9.49E-11
1.68E+00	1.88E-01	2.67E+00	4.02E-01	9.53E-01	1.16E-01	1.11E+00	1.72E-01	1.97E-01	3.08E-02	1.15E+00	1.30E-01	4.78E-01	5.63E-02	2.48E-03	3.73E-04	6.47E-10	9.74E-11
2.55E+00	2.00E-01	5.50E+00	3.65E-01	1.83E+00	1.31E-01	1.97E+00	1.42E-01	3.77E-01	2.35E-02	1.73E+00	1.37E-01	6.43E-01	5.92E-02	3.74E-03	3.16E-04	9.65E-10	8.26E-11
2.42E+00	2.01E-01	7.03E+00	3.79E-01	2.01E+00	1.18E-01	2.90E+00	1.51E-01	5.11E-01	2.57E-02	1.61E+00	1.36E-01	5.60E-01	6.09E-02	6.11E-03	3.00E-04	1.58E-09	7.78E-11
1.40E+00	2.03E-01	5.32E+00	3.91E-01	1.14E+00	1.15E-01	2.51E+00	1.56E-01	3.93E-01	2.69E-02	9.06E-01	1.41E-01	4.22E-01	7.01E-02	5.60E-03	3.19E-04	1.45E-09	8.25E-11
1.84E+00	2.79E-01	3.07E+00	3.71E-01	9.61E-01	1.10E-01	1.23E+00	1.49E-01	2.18E-01	2.56E-02	1.25E+00	1.85E-01	5.88E-01	9.05E-02	2.87E-03	3.12E-04	7.48E-10	8.11E-11
1.88E+00	3.41E-01	2.90E+00	4.31E-01	1.17E+00	1.50E-01	1.17E+00	1.42E-01	2.04E-01	2.42E-02	1.28E+00	2.25E-01	5.85E-01	1.09E-01	2.61E-03	2.70E-04	6.78E-10	7.04E-11
2.10E+00	3.17E-01	3.87E+00	4.44E-01	1.17E+00	1.48E-01	1.38E+00	1.66E-01	2.47E-01	3.18E-02	1.43E+00	2.15E-01	6.46E-01	1.01E-01	2.96E-03	3.25E-04	7.71E-10	8.46E-11
1.66E+00	1.94E-01	4.37E+00	3.93E-01	1.20E+00	1.51E-01	1.88E+00	1.54E-01	3.24E-01	2.84E-02	1.14E+00	1.40E-01	4.74E-01	5.59E-02	3.99E-03	3.42E-04	1.04E-09	8.90E-11
1.43E+00	2.02E-01	3.44E+00	4.45E-01	1.30E+00	1.80E-01	1.44E+00	1.66E-01	2.42E-01	3.52E-02	9.91E-01	1.35E-01	4.90E-01	6.19E-02	2.94E-03	3.37E-04	7.67E-10	8.81E-11
1.58E+00	2.36E-01	3.60E+00	6.25E-01	1.51E+00	2.21E-01	1.57E+00	2.57E-01	2.94E-01	5.13E-02	1.10E+00	1.57E-01	4.93E-01	6.89E-02	3.70E-03	5.66E-04	9.64E-10	1.46E-10
2.47E+00	1.55E-01	4.12E+00	4.97E-01	1.29E+00	9.65E-02	1.96E+00	2.56E-01	2.84E-01	3.80E-02	1.68E+00	1.02E-01	7.08E-01	5.07E-02	4.64E-03	5.98E-04	1.21E-09	1.55E-10
1.61E+00	1.65E-01	4.66E+00	3.68E-01	1.44E+00	1.01E-01	1.98E+00	1.44E-01	3.36E-01	2.46E-02	1.11E+00	1.12E-01	5.11E-01	4.52E-02	4.21E-03	2.81E-04	1.10E-09	7.33E-11
1.61E+00	1.64E-01	3.53E+00	3.67E-01	1.11E+00	1.02E-01	1.49E+00	1.42E-01	2.39E-01	2.46E-02	1.09E+00	1.10E-01	4.49E-01	4.37E-02	3.41E-03	2.77E-04	8.91E-10	7.22E-11
1.55E+00	2.06E-01	3.39E+00	3.91E-01	1.16E+00	1.03E-01	1.38E+00	1.46E-01	2.40E-01	2.41E-02	1.01E+00	1.37E-01	5.09E-01	5.86E-02	2.96E-03	2.67E-04	7.75E-10	6.98E-11
1.61E+00	2.22E-01	3.62E+00	4.18E-01	1.07E+00	1.20E-01	1.58E+00	1.58E-01	2.36E-01	2.61E-02	1.10E+00	1.49E-01	4.53E-01	6.37E-02	3.23E-03	3.18E-04	8.45E-10	8.31E-11
1.82E+00	2.24E-01	3.63E+00	4.08E-01	1.01E+00	1.13E-01	1.46E+00	1.57E-01	2.46E-01	2.71E-02	1.07E+00	1.38E-01	6.22E-01	7.41E-02	2.95E-03	3.03E-04	7.71E-10	7.94E-11
1.88E+00	2.17E-01	3.20E+00	3.43E-01	8.61E-01	9.08E-02	1.28E+00	1.41E-01	2.10E-01	2.27E-02	1.05E+00	1.38E-01	6.40E-01	7.21E-02	2.73E-03	2.75E-04	7.14E-10	7.18E-11
1.26E+00	1.86E-01	2.40E+00	3.61E-01	8.11E-01	1.06E-01	1.10E+00	1.47E-01	1.77E-01	2.67E-02	7.96E-01	1.25E-01	4.33E-01	5.99E-02	2.34E-03	3.12E-04	6.13E-10	8.17E-11

Scenario 1 Results

1.48E+00	1.95E-01	2.96E+00	3.19E-01	7.69E-01	8.86E-02	1.33E+00	1.35E-01	1.94E-01	2.37E-02	8.66E-01	1.34E-01	5.09E-01	5.90E-02	2.75E-03	2.88E-04	7.18E-10	7.54E-11
1.54E+00	2.18E-01	2.96E+00	3.28E-01	9.09E-01	9.42E-02	1.32E+00	1.17E-01	1.89E-01	2.16E-02	9.11E-01	1.45E-01	5.18E-01	6.46E-02	2.72E-03	2.34E-04	7.12E-10	6.09E-11
2.25E+00	2.12E-01	2.78E+00	3.34E-01	9.51E-01	8.88E-02	1.15E+00	1.22E-01	2.16E-01	2.08E-02	1.29E+00	1.40E-01	7.52E-01	6.35E-02	2.36E-03	2.48E-04	6.12E-10	6.46E-11
1.82E+00	1.66E-01	3.04E+00	3.81E-01	1.13E+00	1.03E-01	1.39E+00	1.51E-01	2.32E-01	2.56E-02	1.18E+00	1.15E-01	6.16E-01	4.83E-02	3.11E-03	3.03E-04	8.03E-10	7.80E-11
1.48E+00	1.32E-01	2.87E+00	3.36E-01	1.14E+00	9.09E-02	1.25E+00	1.40E-01	1.92E-01	2.32E-02	1.05E+00	8.78E-02	3.78E-01	4.09E-02	2.87E-03	2.95E-04	7.43E-10	7.54E-11
1.51E+00	1.84E-01	2.53E+00	2.38E-01	9.24E-01	1.25E-01	1.01E+00	9.80E-02	1.64E-01	1.91E-02	1.04E+00	1.26E-01	4.14E-01	5.23E-02	2.24E-03	2.13E-04	5.66E-10	5.40E-11
1.55E+00	1.92E-01	3.05E+00	3.87E-01	1.29E+00	1.35E-01	1.14E+00	1.41E-01	1.97E-01	2.50E-02	1.04E+00	1.30E-01	4.25E-01	5.25E-02	2.61E-03	2.61E-04	6.82E-10	6.82E-11
1.69E+00	2.05E-01	3.05E+00	4.74E-01	9.83E-01	1.22E-01	1.16E+00	1.83E-01	2.12E-01	3.08E-02	1.12E+00	1.42E-01	4.72E-01	5.84E-02	2.43E-03	3.59E-04	6.37E-10	9.41E-11
1.48E+00	2.59E-01	3.53E+00	5.66E-01	9.89E-01	1.56E-01	1.29E+00	2.10E-01	2.31E-01	3.65E-02	9.95E-01	1.76E-01	4.40E-01	7.04E-02	2.84E-03	4.02E-04	7.42E-10	1.05E-10
1.49E+00	2.55E-01	3.18E+00	5.58E-01	9.40E-01	1.37E-01	1.31E+00	2.07E-01	2.33E-01	3.46E-02	1.01E+00	1.69E-01	4.13E-01	7.08E-02	2.77E-03	4.06E-04	7.09E-10	1.06E-10
1.29E+00	2.75E-01	3.06E+00	5.04E-01	1.09E+00	1.51E-01	1.35E+00	1.73E-01	2.23E-01	3.12E-02	8.46E-01	1.86E-01	4.12E-01	7.67E-02	2.96E-03	3.04E-04	7.57E-10	7.95E-11
1.43E+00	3.31E-01	2.73E+00	6.14E-01	1.03E+00	1.61E-01	1.15E+00	2.03E-01	1.88E-01	3.53E-02	9.44E-01	2.16E-01	4.36E-01	8.72E-02	2.57E-03	3.83E-04	6.57E-10	1.00E-10
1.65E+00	3.42E-01	2.89E+00	7.19E-01	8.17E-01	1.98E-01	1.14E+00	2.34E-01	1.90E-01	4.24E-02	1.12E+00	2.25E-01	4.71E-01	8.59E-02	2.30E-03	4.33E-04	5.85E-10	1.13E-10
1.56E+00	2.82E-01	2.94E+00	7.24E-01	8.27E-01	1.97E-01	1.15E+00	2.67E-01	2.02E-01	4.74E-02	9.93E-01	1.87E-01	5.51E-01	7.29E-02	2.30E-03	5.36E-04	6.01E-10	1.40E-10
1.73E+00	3.10E-01	3.17E+00	5.35E-01	7.13E-01	1.37E-01	1.49E+00	2.19E-01	1.81E-01	3.73E-02	1.04E+00	2.09E-01	5.60E-01	9.43E-02	2.94E-03	4.65E-04	7.67E-10	1.21E-10
1.30E+00	3.35E-01	4.14E+00	5.55E-01	7.14E-01	1.55E-01	2.11E+00	2.00E-01	2.37E-01	3.43E-02	8.14E-01	2.28E-01	3.71E-01	9.93E-02	4.68E-03	3.81E-04	1.22E-09	9.96E-11
1.47E+00	4.72E-01	2.75E+00	7.03E-01	7.07E-01	1.86E-01	1.50E+00	2.34E-01	1.78E-01	3.95E-02	9.76E-01	3.11E-01	4.52E-01	1.38E-01	3.49E-03	4.09E-04	9.10E-10	1.07E-10
1.64E+00	5.76E-01	2.90E+00	1.05E+00	8.87E-01	2.94E-01	9.49E-01	3.40E-01	1.83E-01	6.03E-02	1.11E+00	3.82E-01	4.67E-01	1.56E-01	1.88E-03	5.88E-04	4.92E-10	1.54E-10
1.59E+00	5.65E-01	4.14E+00	1.33E+00	1.16E+00	3.76E-01	1.46E+00	4.75E-01	2.72E-01	8.58E-02	1.05E+00	3.76E-01	4.49E-01	1.38E-01	3.02E-03	9.27E-04	7.90E-10	2.42E-10
1.83E+00	5.10E-01	3.91E+00	1.28E+00	1.17E+00	3.47E-01	1.39E+00	4.89E-01	2.54E-01	8.70E-02	1.22E+00	3.43E-01	4.70E-01	1.50E-01	2.85E-03	1.01E-03	7.46E-10	2.65E-10
1.92E+00	5.54E-01	4.15E+00	1.11E+00	1.51E+00	2.88E-01	1.61E+00	4.46E-01	3.13E-01	7.77E-02	1.27E+00	3.75E-01	4.77E-01	1.59E-01	3.05E-03	9.52E-04	7.99E-10	2.49E-10
2.53E+00	5.95E-01	5.98E+00	1.26E+00	1.71E+00	3.33E-01	2.52E+00	4.61E-01	4.31E-01	7.87E-02	1.68E+00	4.05E-01	6.70E-01	1.64E-01	5.02E-03	9.41E-04	1.31E-09	2.46E-10
7.27E-01	1.25E-01	1.75E+00	2.90E-01	5.76E-01	8.35E-02	1.03E+00	1.23E-01	1.25E-01	2.17E-02	6.09E-01	8.27E-02	3.80E-01	3.62E-02	2.31E-03	2.69E-04	5.99E-10	6.81E-11
7.26E-01	1.30E-01	1.88E+00	2.75E-01	5.93E-01	8.90E-02	1.12E+00	1.22E-01	1.34E-01	2.14E-02	8.00E-01	8.85E-02	4.98E-01	3.99E-02	2.48E-03	2.67E-04	6.45E-10	6.97E-11
7.79E-01	1.44E-01	1.85E+00	2.98E-01	6.46E-01	8.95E-02	1.05E+00	1.26E-01	1.34E-01	2.29E-02	8.19E-01	9.72E-02	5.10E-01	4.37E-02	2.29E-03	2.71E-04	5.97E-10	7.06E-11
1.13E+00	1.51E-01	2.09E+00	2.99E-01	8.58E-01	8.30E-02	9.85E-01	1.28E-01	1.41E-01	2.23E-02	7.95E-01	1.01E-01	4.16E-01	4.33E-02	2.23E-03	2.74E-04	5.78E-10	7.14E-11
1.28E+00	1.50E-01	2.28E+00	3.06E-01	9.83E-01	1.00E-01	1.22E+00	1.31E-01	1.52E-01	2.08E-02	8.98E-01	1.01E-01	3.23E-01	4.08E-02	2.70E-03	3.00E-04	7.01E-10	7.81E-11
1.07E+00	1.66E-01	2.10E+00	3.83E-01	9.95E-01	1.34E-01	1.07E+00	1.50E-01	1.59E-01	2.86E-02	7.65E-01	1.13E-01	2.46E-01	4.88E-02	2.35E-03	3.41E-04	6.11E-10	8.89E-11
8.19E-01	1.86E-01	1.98E+00	4.34E-01	8.78E-01	1.45E-01	1.05E+00	1.76E-01	1.46E-01	3.38E-02	5.36E-01	1.26E-01	2.73E-01	5.34E-02	2.33E-03	3.72E-04	6.07E-10	9.71E-11
9.28E-01	1.96E-01	2.03E+00	4.47E-01	7.59E-01	1.34E-01	1.20E+00	1.94E-01	1.47E-01	3.52E-02	6.42E-01	1.32E-01	2.65E-01	5.96E-02	2.61E-03	4.25E-04	6.80E-10	1.11E-10
1.16E+00	2.44E-01	2.38E+00	4.29E-01	7.88E-01	1.23E-01	1.15E+00	1.87E-01	1.97E-01	3.19E-02	7.91E-01	1.64E-01	3.17E-01	7.43E-02	2.46E-03	4.19E-04	6.41E-10	1.09E-10
1.24E+00	2.58E-01	2.72E+00	4.53E-01	9.17E-01	1.34E-01	1.28E+00	1.68E-01	1.97E-01	2.89E-02	8.56E-01	1.72E-01	3.56E-01	7.56E-02	2.84E-03	3.43E-04	7.42E-10	8.97E-11
1.27E+00	2.20E-01	2.75E+00	4.62E-01	9.70E-01	1.25E-01	1.19E+00	1.80E-01	2.05E-01	3.02E-02	8.86E-01	1.46E-01	3.12E-01	6.01E-02	2.55E-03	3.43E-04	6.66E-10	8.97E-11
1.11E+00	1.91E-01	2.89E+00	4.79E-01	1.16E+00	1.37E-01	1.19E+00	1.96E-01	2.14E-01	3.46E-02	7.88E-01	1.32E-01	3.20E-01	5.78E-02	2.71E-03	4.03E-04	7.07E-10	1.05E-10
1.79E+00	2.11E-01	2.86E+00	4.55E-01	1.02E+00	1.32E-01	1.23E+00	1.94E-01	2.24E-01	3.47E-02	1.22E+00	1.45E-01	5.15E-01	6.34E-02	2.72E-03	4.17E-04	7.11E-10	1.09E-10
2.77E+00	2.16E-01	5.80E+00	3.84E-01	1.96E+00	1.33E-01	2.03E+00	1.48E-01	3.94E-01	2.54E-02	1.88E+00	1.49E-01	7.04E-01	6.43E-02	3.80E-03	3.31E-04	9.82E-10	8.63E-11
2.59E+00	2.17E-01	7.60E+00	3.99E-01	2.18E+00	1.16E-01	3.13E+00	1.64E-01	5.54E-01	2.82E-02	1.73E+00	1.46E-01	5.97E-01	6.65E-02	6.59E-03	3.28E-04	1.71E-09	8.49E-11
1.40E+00	2.30E-01	5.61E+00	4.03E-01	1.17E+00	1.18E-01	2.67E+00	1.60E-01	4.17E-01	2.76E-02	9.45E-01	1.59E-01	4.56E-01	7.88E-02	5.99E-03	3.44E-04	1.55E-09	8.95E-11
2.00E+00	3.13E-01	3.18E+00	3.70E-01	9.63E-01	1.12E-01	1.26E+00	1.48E-01	2.29E-01	2.51E-02	1.35E+00	2.06E-01	6.22E-01	1.01E-01	2.98E-03	3.41E-04	7.72E-10	8.86E-11
1.70E+00	3.65E-01	3.03E+00	4.63E-01	1.09E+00	1.59E-01	1.29E+00	1.54E-01	2.22E-01	2.74E-02	1.13E+00	2.41E-01	5.83E-01	1.17E-01	2.73E-03	2.66E-04	7.09E-10	6.96E-11
2.13E+00	2.91E-01	4.80E+00	4.54E-01	1.41E+00	1.32E-01	1.88E+00	1.76E-01	3.32E-01	3.20E-02	1.44E+00	2.02E-01	6.55E-01	9.11E-02	3.67E-03	3.69E-04	9.57E-10	9.60E-11
1.95E+00	1.91E-01	3.87E+00	4.87E-01	1.31E+00	2.05E-01	1.49E+00	1.72E-01	2.53E-01	3.89E-02	1.33E+00	1.29E-01	5.39E-01	5.87E-02	3.28E-03	3.52E-04	8.57E-10	9.15E-11
1.90E+00	2.72E-01	3.44E+00	6.39E-01	1.61E+00	2.60E-01	1.46E+00	2.42E-01	2.55E-01	5.31E-02	1.33E+00	1.81E-01	5.70E-01	8.18E-02	3.38E-03	5.16E-04	8.84E-10	1.33E-10
2.55E+00	1.88E-01	4.28E+00	6.37E-01	1.19E+00	1.45E-01	2.12E+00	3.07E-01	3.42E-01	4.99E-02	1.74E+00	1.25E-01	7.68E-01	5.19E-02	4.89E-03	7.05E-04	1.27E-09	1.83E-10
2.04E+00	1.89E-01	5.50E+00	3.95E-01	1.65E+00	1.10E-01	2.24E+00	1.51E-01	3.88E-01	2.59E-02	1.36E+00	1.28E-01	6.42E-01	5.26E-02	4.61E-03	3.07E-04	1.20E-09	8.02E-11
1.83E+00	1.85E-01	3.78E+00	4.08E-01	1.24E+00	1.14E-01	1.92E+00	1.57E-01	2.53E-01	2.72E-02	1.24E+00	1.24E-01	4.87E-01	4.95E-02	4.36E-03	3.04E-04	1.14E-09	7.94E-11
1.82E+00	2.37E-01	3.78E+00	4.39E-01	1.26E+00	1.16E-01	1.58E+00	1.62E-01	2.76E-01	2.69E-02	1.11E+00	1.57E-01	6.21E-01	6.76E-02	3.45E-03	2.93E-04	9.02E-10	7.67E-11
1.86E+00	2.54E-01	3.97E+00	4.75E-01	1.13E+00	1.33E-01	1.75E+00	1.79E-01	2.59E-01	2.96E-02	1.27E+00	1.70E-01	5.32E-01	7.33E-02	3.58E-03	3.53E-04	9.38E-10	9.25E-11
1.99E+00	2.84E-01	3.72E+00	4.54E-01	1.13E+00	1.26E-01	1.51E+00	1.75E-01	2.52E-01	3.00E-02	1.30E+00	1.75E-01	6.81E-01	9.43E-02	3.08E-03	3.35E-04	8.05E-10	8.76E-11
1.85E+00	2.44E-01	3.51E+00	3.86E-01	8.95E-01	1.04E-01	1.40E+00	1.59E-01	2.22E-01	2.56E-02	1.11E+00	1.59E-01	6.29E-01	8.06E-02	2.93E-03	3.13E-04	7.67E-10	8.21E-11
1.57E+00	2.18E-01	2.76E+00	3.92E-01	9.92E-01	1.13E-01	1.35E+00	1.61E-01	1.91E-01	2.92E-02	9.10E-01	1.50E-01	5.40E-01	6.91E-02	2.83E-03	3.45E-04	7.41E-10	9.05E-11
1.68E+00	2.42E-01	2.74E+00	3.47E-01	9.65E-01	9.72E-02	1.18E+00	1.25E-01	1.97E-01	2.07E-02	1.04E+00	1.64E-01	5.79E-01	7.28E-02	2.65E-03	2.58E-04	6.94E-10	6.72E-11
2.25E+00	2.53E-01	3.07E+00	3.86E-01	1.16E+00	9.90E-02	1.28E+00	1.35E-01	2.29E-01	2.38E-02	1.26E+00	1.67E-01	7.49E-01	7.49E-02	2.66E-03	2.73E-04	6.97E-10	7.12E-11
2.21E+00	2.08E-01	3.46E+00	4.12E-01	1.17E+00	1.13E-01	1.42E+00	1.60E-01	2.61E-01	2.72E-02	1.37E+00	1.42E-01	7.45E-01	6.10E-02	3.08E-03	3.13E-04	7.95E-10	8.07E-11
1.63E+00	1.62E-01	3.40E+00	4.09E-01	1.32E+00	1.06E-01	1.49E+00	1.68E-01	2.40E-01	2.80E-02	1.17E+00	1.10E-01	4.37E-01	4.31E-02	3.39E-03	3.48E-04	8.77E-10	8.95E-11
1.64E+00	2.02E-01	3.08E+00	2.92E-01	1.18E+00	1.35E-01	1.13E+00	1.26E-01	2.03E-01	2.20E-02	1.16E+00	1.37E-01	4.91E-01	5.90E-02	2.53E-03	2.72E-04	6.58E-10	6.96E-11
1.69E+00	2.11E-01	3.28E+00	4.13E-01	1.40E+00	1.62E-01	1.12E+00	1.48E-01	2.11E-01	2.64E-02	1.13E+00	1.43E-01	4.55E-01	5.78E-02	2.40E-03	2.70E-04	6.26E-10	7.06E-11
1.79E+00	2.27E-01	3.51E+00	5.20E-01	9.94E-01	1.35E-01	1.34E+00	2.00E-01	2.37E-01	3.38E-02	1.19E+00	1.53E-01	5.03E-01	6.24E-02	2.65E-03	3.92E-04	6.95E-10	1.03E-10
1.61E+00	2.84E-01	3.79E+00	6.10E-01	1.19E+00	1.67E-01	1.38E+00	2.26E-01	2.49E-01	3.92E-02	1.08E+00	1.92E-01	5.18E-01	7.72E-02	3.02E-03	4.33E-04	7.89E-10	1.13E-10
1.50E+00	2.76E-01	3.51E+00	5.71E-01	1.13E+00	1.39E-01	1.47E+00	2.10E-01	2.73E-01	3.49E-02	1.03E+00	1.83E-01	4.32E-01	7.68E-02	3.16E-03	4.08E-04	8.12E-10	1.07E-10
1.39E+00	3.04E-01	3.51E+00	5.65E-01	1.19E+00	1.69E-01	1.58E+00	1.97E-01	2.65E-01	3.53E-02	9.57E-01	2.06E-01	4.58E-01	8.49E-02	3.53E-03	3.48E-04	9.06E-10	9.12E-11
1.66E+00	3.73E-01	2.98E+00	7.07E-01	1.21E+00	1.89E-01	1.34E+00	2.20E-01	2.14E-01	3.90E-02	1.10E+00	2.44E-01	4.97E-01	9.72E-02	3.06E-03	4.19E-04	7.84E-10	1.10E-10
1.80E+00	3.84E-01	3.48E+00	8.67E-01	1.01E+00	2.40E-01	1.31E+00	2.95E-01	2.16E-01	5.34E-02	1.23E+00	2.54E-01	5.01E-01	9.43E-02	2.65E-03	5.64E-04	6.72E-10	1.47E-10
1.41E+00	2.87E-01	3.07E+00	6.72E-01	7.76E-01	1.76E-01	1.23E+00	2.57E-01	1.99E-01	4.48E-02	9.80E-01	1.94E-01	4.55E-01	8.79E-02	2.47E-03	5.27E-04	6.27E-10	1.38E-10
1.52E+00	3.45E-01	2.55E+00	5.77E-01	6.54E-01	1.50E-01	1.02E+00	2.08E-01	1.61E-01	3.52E-02	9.35E-01	2.34E-01	5.10E-01	1.04E-01	1.99E-03	3.90E-04	5.08E-10	1.02E-10
1.44E+00	4.05E-01	3.20E+00	6.13E-01	6.58E-01	1.67E-01	1.54E+00	2.11E-01	1.63E-01	3.56E-02	8.59E-01	2.69E-01	4.35E-01	1.23E-01	3.19E-03	3.79E-04	8.33E-10	9.91E-11
1.51E+00	5.10E-01	3.27E+00	8.38E-01	7.02E-01	2.30E-01	1.69E+00	2.67E-01	1.91E-01	4.59E-02	1.01E+00	3.38E-01	4.50E-01	1.45E-01	3.76E-03	4.51E-04	9.81E-10	1.18E-10
1.36E+00	5.31E-01	3.05E+00	1.09E+00	8.87E-01	3.06E-01	1.01E+00	3.68E-01	1.94E-01	6.61E-02	9.52E-01	3.53E-01	4.31E-01	1.38E-01	2.34E-03	6.77E-04	6.12E-10	1.77E-10
1.76E+00	5.35E-01	3.79E+00	1.32E+00	1.15E+00	3.62E-01	1.37E+00	4.88E-01	2.48E-01	8.75E-02	1.16E+00	3.60E-01	4.37E-01	1.59E-01	2.90E-03	9.90E-04	7.58E-10	2.59E-10
1.84E+00	5.96E-01	4.30E+00	1.18E+00	1.47E+00	3.09E-01	1.54E+00	4.66E-01	2.86E-01	8.16E-02	1.23E+00	4.04E-01	4.76E-01	1.72E-01	3.04E-03	9.87E-04	7.94E-10	2.58E-10
2.52E+00	5.60E-01	5.43E+00	1.17E+00	1.70E+00	3.04E-01	2.19E+00	4.28E-01	3.90E-01	7.23E-02	1.68E+00	3.82E-01	6.69E-01	1.56E-01	4.19E-03	8.39E-04	1.10E-09	2.19E-10
2.40E+00	4.24E-01	4.84E+00	9.85E-01	1.26E+00	2.50E-01	1.95E+00	3.71E-01	3.18E-01	6.23E-02	1.62E+00	2.90E-01	6.92E-01	1.15E-01	3.71E-03	7.29E-04	9.71E-10	1.91E-10
1.72E+00	3.70E-01	3.86E+00	9.15E-01	1.03E+00	2.54E-01	1.56E+00	3.22E-01	2.63E-01	5.85E-02	1.19E+00	2.50E-01	5.37E-01	1.01E-01	3.30E-03	6.42E-04	8.58E-10	1.67E-10
7.03E-01	1.38E-01	1.85E+00	3.64E-01	8.17E-01	1.01E-01	7.83E-01	1.50E-01	1.33E-01	2.58E-02	4.74E-01	9.44E-02	2.48E-01	4.03E-02	1.64E-03	3.17E-04	4.25E-10	8.01E-11
7.69E-01	1.37E-01	1.75E+00	3.37E-01	7.47E-01	9.57E-02	8.25E-01	1.41E-01	1.26E-01	2.45E-02	6.38E-01	9.06E-02	3.97E-01	3.99E-02	1.86E-03	3.02E-04	4.83E-10	7.62E-11
7.82E-01	1.42E-01	1.74E+00	3.06E-01	6.02E-01	8.83E-02	9.94E-01	1.30E-01	1.30E-01	2.28E-02	8.10E-01	9.70E-02	5.04E-01	4.34E-02	2.22E-03	2.83E-04	5.76E-10	7.14E-11
9.96E-01	1.58E-01	1.82E+00	2.93E-01	6.00E-01	9.37E-02	1.02E+00	1.28E-01	1.33E-01	2.28E-02	8.26E-01	1.07E-01	5.15E-01	4.84E-02	2.25E-03	2.81E-04	5.87E-10	7.34E-11
1.28E+00	1.66E-01	2.15E+00	3.14E-01	7.75E-01	9.25E-02	1.17E+00	1.33E-01	1.36E-01	2.40E-02	8.78E-01	1.11E-01	4.24E-01	4.95E-02	2.63E-03	2.87E-04	6.82E-10	7.48E-11
1.24E+00	1.65E-01	2.50E+00	3.19E-01	8.96E-01	8.92E-02	1.34E+00	1.47E-01	1.58E-01	2.37E-02	8.71E-01	1.11E-01	3.22E-01	4.58E-02	2.98E-03	3.35E-04	7.74E-10	8.72E-11
9.67E-01	1.54E-01	2.51E+00	3.68E-01	8.87E-01	1.17E-01	1.27E+00	1.77E-01	1.53E-01	2.45E-02	6.92E-01	1.05E-01	3.10E-01	4.61E-02	2.74E-03	3.99E-04	7.11E-10	1.04E-10
1.19E+00	1.81E-01	2.81E+00	4.08E-01	8.21E-01	1.42E-01	1.38E+00	1.77E-01	1.57E-01	3.13E-02	7.29E-01	1.24E-01	3.89E-01	5.34E-02	2.93E-03	3.93E-04	7.61E-10	1.02E-10
1.09E+00	2.09E-01	2.42E+00	4.75E-01	7.81E-01	1.53E-01	1.29E+00	1.98E-01	1.62E-01	3.74E-02	7.02E-01	1.40E-01	3.68E-01	5.93E-02	2.84E-03	4.26E-04	7.39E-10	1.11E-10
1.16E+00	2.45E-01	2.34E+00	4.75E-01	8.08E-01	1.46E-01	1.36E+00	2.11E-01	1.83E-01	3.73E-02	7.94E-01	1.65E-01	3.20E-01	7.53E-02	2.97E-03	4.67E-04	7.74E-10	1.22E-10
1.22E+00	2.69E-01	2.47E+00	4.39E-01	9.01E-01	1.30E-01	1.19E+00	1.73E-01	1.97E-01	2.97E-02	8.45E-01	1.79E-01	3.67E-01	8.05E-02	2.64E-03	3.81E-04	6.90E-10	9.93E-11
1.36E+00	2.61E-01	3.04E+00	5.13E-01	9.69E-01	1.39E-01	1.33E+00	1.96E-01	2.25E-01	3.25E-02	9.46E-01	1.73E-01	3.45E-01	7.31E-02	2.94E-03	3.65E-04	7.69E-10	9.56E-11
1.26E+00	2.16E-01	3.12E+00	5.51E-01	1.26E+00	1.56E-01	1.42E+00	2.23E-01	2.29E-01	3.91E-02	8.92E-01	1.49E-01	3.66E-01	6.55E-02	3.19E-03	4.52E-04	8.32E-10	1.18E-10
1.92E+00	2.34E-01	3.25E+00	5.06E-01	1.15E+00	1.47E-01	1.33E+00	2.14E-01	2.52E-01	3.83E-02	1.31E+00	1.61E-01	5.59E-01	7.08E-02	2.92E-03	4.57E-04	7.64E-10	1.19E-10
3.03E+00	2.38E-01	6.18E+00	4.18E-01	2.14E+00	1.37E-01	2.12E+00	1.64E-01	4.19E-01	2.87E-02	2.05E+00	1.63E-01	7.69E-01	7.11E-02	3.90E-03	3.58E-04	1.01E-09	9.36E-11
2.73E+00	2.30E-01	8.02E+00	4.14E-01	2.33E+00	1.24E-01	3.28E+00	1.69E-01	5.86E-01	2.98E-02	1.82E+00	1.55E-01	6.20E-01	7.14E-02	6.91E-03	3.45E-04	1.79E-09	8.94E-11
1.44E+00	2.56E-01	5.76E+00	4.10E-01	1.20E+00	1.19E-01	2.75E+00	1.74E-01	4.30E-01	2.80E-02	9.74E-01	1.76E-01	4.70E-01	8.70E-02	6.18E-03	4.06E-04	1.60E-09	1.06E-10
2.13E+00	3.54E-01	3.27E+00	4.19E-01	9.98E-01	1.21E-01	1.32E+00	1.53E-01	2.38E-01	2.60E-02	1.44E+00	2.35E-01	6.44E-01	1.15E-01	2.74E-03	3.14E-04	7.15E-10	7.99E-11
2.25E+00	4.02E-01	3.76E+00	5.31E-01	1.13E+00	1.74E-01	1.64E+00	1.78E-01	2.50E-01	3.41E-02	1.54E+00	2.67E-01	6.73E-01	1.28E-01	3.46E-03	3.14E-04	9.02E-10	8.19E-11
1.93E+00	2.76E-01	5.24E+00	5.07E-01	1.41E+00	2.02E-01	2.22E+00	1.93E-01	3.77E-01	3.72E-02	1.32E+00	1.95E-01	5.97E-01	8.10E-02	4.60E-03	4.19E-04	1.20E-09	1.09E-10
2.15E+00	2.62E-01	4.44E+00	6.27E-01	1.50E+00	2.46E-01	1.81E+00	2.36E-01	3.05E-01	4.83E-02	1.50E+00	1.75E-01	6.14E-01	7.93E-02	3.60E-03	4.76E-04	9.42E-10	1.24E-10
2.20E+00	2.57E-01	4.40E+00	7.01E-01	1.45E+00	2.14E-01	1.89E+00	3.06E-01	3.42E-01	5.64E-02	1.51E+00	1.70E-01	6.91E-01	7.36E-02	4.17E-03	6.82E-04	1.09E-09	1.77E-10

Scenario 1 Results

2.58E+00	2.07E-01	5.90E+00	4.42E-01	1.78E+00	1.10E-01	2.30E+00	1.92E-01	4.02E-01	3.03E-02	1.71E+00	1.39E-01	7.25E-01	5.88E-02	4.50E-03	4.37E-04	1.17E-09	1.14E-10
2.00E+00	2.06E-01	4.49E+00	4.31E-01	1.23E+00	1.20E-01	2.35E+00	1.64E-01	3.06E-01	2.81E-02	1.36E+00	1.38E-01	5.46E-01	5.65E-02	5.27E-03	3.11E-04	1.38E-09	8.12E-11
2.04E+00	2.60E-01	4.10E+00	4.62E-01	1.24E+00	1.25E-01	1.69E+00	1.65E-01	2.92E-01	2.78E-02	1.24E+00	1.74E-01	6.96E-01	7.49E-02	3.58E-03	3.05E-04	9.37E-10	7.99E-11
2.02E+00	2.86E-01	3.96E+00	5.17E-01	1.22E+00	1.38E-01	1.75E+00	1.92E-01	2.58E-01	3.18E-02	1.37E+00	1.92E-01	6.23E-01	9.06E-02	3.61E-03	3.56E-04	9.44E-10	9.33E-11
2.28E+00	3.12E-01	3.61E+00	4.90E-01	1.18E+00	1.34E-01	1.58E+00	1.87E-01	2.44E-01	3.18E-02	1.54E+00	1.95E-01	7.40E-01	1.04E-01	3.43E-03	3.53E-04	8.98E-10	9.25E-11
1.61E+00	2.57E-01	3.32E+00	4.19E-01	9.58E-01	1.16E-01	1.39E+00	1.64E-01	2.18E-01	2.81E-02	1.10E+00	1.74E-01	5.26E-01	8.38E-02	2.92E-03	3.27E-04	7.65E-10	8.58E-11
1.92E+00	2.69E-01	3.24E+00	3.86E-01	9.79E-01	1.11E-01	1.54E+00	1.59E-01	2.27E-01	2.87E-02	1.15E+00	1.84E-01	6.58E-01	8.39E-02	3.23E-03	3.40E-04	8.47E-10	8.90E-11
2.01E+00	2.90E-01	3.38E+00	4.21E-01	1.27E+00	1.15E-01	1.42E+00	1.37E-01	2.37E-01	2.47E-02	1.19E+00	1.93E-01	6.71E-01	8.62E-02	2.94E-03	2.65E-04	7.70E-10	6.89E-11
2.10E+00	2.38E-01	3.79E+00	4.16E-01	1.25E+00	1.15E-01	1.40E+00	1.56E-01	2.78E-01	2.66E-02	1.28E+00	1.62E-01	7.05E-01	6.97E-02	2.97E-03	2.94E-04	7.67E-10	7.61E-11
1.83E+00	1.91E-01	3.98E+00	4.54E-01	1.45E+00	1.21E-01	1.57E+00	1.82E-01	2.72E-01	3.07E-02	1.31E+00	1.30E-01	4.89E-01	5.15E-02	3.53E-03	3.68E-04	9.14E-10	9.49E-11
1.84E+00	2.00E-01	3.76E+00	3.58E-01	1.46E+00	1.31E-01	1.34E+00	1.54E-01	2.55E-01	2.51E-02	1.32E+00	1.35E-01	5.54E-01	6.06E-02	2.99E-03	3.29E-04	7.73E-10	8.44E-11
1.71E+00	2.21E-01	3.11E+00	3.99E-01	1.29E+00	1.66E-01	1.09E+00	1.40E-01	1.99E-01	2.51E-02	1.19E+00	1.53E-01	4.61E-01	6.07E-02	2.43E-03	2.57E-04	6.35E-10	6.49E-11
2.00E+00	2.60E-01	4.26E+00	5.92E-01	1.28E+00	1.56E-01	1.65E+00	2.27E-01	2.88E-01	3.86E-02	1.33E+00	1.76E-01	5.63E-01	7.02E-02	3.29E-03	4.44E-04	8.61E-10	1.16E-10
1.85E+00	3.26E-01	4.44E+00	7.09E-01	1.44E+00	1.93E-01	1.63E+00	2.64E-01	2.93E-01	4.55E-02	1.23E+00	2.22E-01	6.14E-01	8.84E-02	3.54E-03	5.06E-04	9.28E-10	1.33E-10
1.67E+00	3.24E-01	3.91E+00	6.48E-01	1.36E+00	1.59E-01	1.60E+00	2.38E-01	3.12E-01	3.93E-02	1.16E+00	2.15E-01	4.82E-01	9.01E-02	3.47E-03	4.60E-04	8.92E-10	1.20E-10
1.54E+00	3.28E-01	3.93E+00	6.17E-01	1.24E+00	1.82E-01	1.78E+00	2.17E-01	3.05E-01	3.87E-02	1.06E+00	2.23E-01	4.99E-01	9.18E-02	4.02E-03	3.87E-04	1.03E-09	1.01E-10
1.97E+00	4.33E-01	3.22E+00	8.58E-01	1.34E+00	2.36E-01	1.54E+00	2.71E-01	2.46E-01	4.91E-02	1.32E+00	2.84E-01	5.78E-01	1.11E-01	3.53E-03	4.85E-04	9.07E-10	1.27E-10
1.71E+00	3.80E-01	3.72E+00	9.19E-01	1.05E+00	2.50E-01	1.43E+00	3.26E-01	2.40E-01	5.82E-02	1.18E+00	2.51E-01	4.63E-01	9.17E-02	2.88E-03	6.40E-04	7.32E-10	1.67E-10
1.57E+00	3.71E-01	3.42E+00	6.72E-01	8.57E-01	1.68E-01	1.39E+00	2.70E-01	2.22E-01	4.58E-02	1.08E+00	2.51E-01	4.59E-01	1.13E-01	2.79E-03	5.67E-04	7.09E-10	1.48E-10
1.41E+00	3.62E-01	2.88E+00	5.79E-01	7.13E-01	1.61E-01	1.16E+00	2.06E-01	1.83E-01	3.50E-02	9.68E-01	2.44E-01	4.21E-01	1.12E-01	2.30E-03	3.94E-04	5.82E-10	1.03E-10
1.53E+00	5.12E-01	2.56E+00	8.12E-01	6.88E-01	2.24E-01	1.21E+00	2.64E-01	1.37E-01	4.45E-02	1.03E+00	3.41E-01	4.66E-01	1.48E-01	2.43E-03	4.68E-04	6.34E-10	1.23E-10
1.35E+00	5.10E-01	2.72E+00	9.81E-01	7.14E-01	2.76E-01	1.34E+00	3.26E-01	1.50E-01	5.81E-02	9.11E-01	3.40E-01	4.21E-01	1.37E-01	2.83E-03	5.81E-04	7.40E-10	1.52E-10
1.33E+00	4.22E-01	2.68E+00	9.75E-01	7.39E-01	2.72E-01	1.06E+00	3.43E-01	1.68E-01	6.19E-02	9.37E-01	2.85E-01	4.11E-01	1.29E-01	2.34E-03	6.67E-04	6.10E-10	1.75E-10
1.37E+00	4.48E-01	2.94E+00	8.57E-01	8.53E-01	2.30E-01	9.70E-01	3.18E-01	1.81E-01	5.68E-02	8.94E-01	3.06E-01	3.94E-01	1.34E-01	1.82E-03	6.53E-04	4.76E-10	1.71E-10
2.04E+00	4.35E-01	3.56E+00	8.47E-01	1.35E+00	2.12E-01	1.28E+00	3.02E-01	2.54E-01	4.99E-02	1.36E+00	2.99E-01	5.47E-01	1.26E-01	2.31E-03	6.04E-04	6.05E-10	1.58E-10
2.74E+00	4.64E-01	5.23E+00	1.03E+00	1.49E+00	2.89E-01	2.04E+00	3.56E-01	3.45E-01	6.51E-02	1.84E+00	3.13E-01	7.82E-01	1.28E-01	3.75E-03	6.99E-04	9.83E-10	1.82E-10
2.22E+00	5.03E-01	4.50E+00	1.26E+00	1.36E+00	3.42E-01	1.65E+00	4.53E-01	3.03E-01	8.16E-02	1.53E+00	3.40E-01	6.80E-01	1.34E-01	3.18E-03	9.18E-04	8.32E-10	2.40E-10
2.11E+00	4.49E-01	5.35E+00	1.10E+00	1.44E+00	2.94E-01	2.12E+00	4.03E-01	3.64E-01	7.21E-02	1.40E+00	3.03E-01	5.27E-01	1.17E-01	4.29E-03	8.28E-04	1.12E-09	2.16E-10
1.79E+00	3.70E-01	5.31E+00	8.86E-01	1.38E+00	2.36E-01	2.16E+00	3.26E-01	3.71E-01	5.69E-02	1.21E+00	2.50E-01	4.73E-01	9.45E-02	4.55E-03	6.43E-04	1.19E-09	1.68E-10
9.76E-01	1.67E-01	2.99E+00	3.89E-01	7.70E-01	1.06E-01	1.21E+00	1.55E-01	2.08E-01	2.62E-02	6.65E-01	1.15E-01	2.78E-01	4.60E-02	2.56E-03	3.19E-04	6.66E-10	8.02E-11
9.26E-01	1.62E-01	2.44E+00	3.93E-01	8.30E-01	1.11E-01	9.02E-01	1.59E-01	1.78E-01	2.70E-02	5.99E-01	1.11E-01	2.69E-01	4.36E-02	1.87E-03	3.30E-04	4.85E-10	8.30E-11
8.27E-01	1.50E-01	1.85E+00	3.82E-01	8.68E-01	1.12E-01	7.99E-01	1.56E-01	1.37E-01	2.68E-02	6.33E-01	1.03E-01	3.94E-01	4.24E-02	1.69E-03	3.30E-04	4.42E-10	8.30E-11
8.48E-01	1.52E-01	1.80E+00	3.69E-01	8.14E-01	1.09E-01	8.62E-01	1.53E-01	1.34E-01	2.66E-02	8.15E-01	1.05E-01	5.08E-01	4.63E-02	1.94E-03	3.28E-04	5.04E-10	8.26E-11
1.06E+00	1.73E-01	1.72E+00	3.37E-01	6.52E-01	9.77E-02	9.55E-01	1.42E-01	1.26E-01	2.50E-02	8.45E-01	1.17E-01	5.26E-01	5.32E-02	2.12E-03	3.09E-04	5.51E-10	7.81E-11
1.21E+00	1.86E-01	2.12E+00	3.15E-01	6.32E-01	9.99E-02	1.17E+00	1.38E-01	1.28E-01	2.45E-02	8.31E-01	1.24E-01	4.34E-01	5.66E-02	2.59E-03	3.03E-04	6.73E-10	7.92E-11
1.13E+00	1.84E-01	2.28E+00	3.31E-01	7.36E-01	9.63E-02	1.24E+00	1.54E-01	1.41E-01	2.53E-02	7.92E-01	1.22E-01	3.04E-01	5.38E-02	2.71E-03	3.51E-04	7.06E-10	9.14E-11
1.08E+00	1.71E-01	3.12E+00	4.08E-01	7.66E-01	1.01E-01	1.65E+00	2.03E-01	1.78E-01	2.75E-02	6.79E-01	1.14E-01	3.33E-01	4.60E-02	3.62E-03	4.60E-04	9.41E-10	1.20E-10
1.35E+00	1.73E-01	3.66E+00	4.60E-01	7.64E-01	1.34E-01	1.90E+00	2.27E-01	2.04E-01	2.99E-02	7.66E-01	1.19E-01	4.20E-01	5.21E-02	4.13E-03	5.08E-04	1.07E-09	1.32E-10
1.42E+00	2.09E-01	3.56E+00	4.68E-01	7.56E-01	1.61E-01	1.80E+00	2.14E-01	1.90E-01	3.65E-02	8.26E-01	1.42E-01	4.47E-01	6.07E-02	3.86E-03	4.75E-04	1.00E-09	1.24E-10
1.27E+00	2.29E-01	2.86E+00	5.02E-01	8.05E-01	1.55E-01	1.46E+00	2.14E-01	1.60E-01	3.96E-02	7.77E-01	1.56E-01	4.13E-01	7.14E-02	3.21E-03	4.65E-04	8.39E-10	1.22E-10
1.29E+00	2.85E-01	2.49E+00	4.78E-01	9.39E-01	1.44E-01	1.43E+00	2.07E-01	2.00E-01	3.58E-02	8.81E-01	1.91E-01	3.84E-01	8.65E-02	3.09E-03	4.61E-04	8.07E-10	1.20E-10
1.43E+00	2.94E-01	3.06E+00	5.31E-01	1.08E+00	1.51E-01	1.44E+00	1.99E-01	2.22E-01	3.32E-02	9.95E-01	1.96E-01	3.80E-01	8.50E-02	3.19E-03	3.91E-04	8.33E-10	1.02E-10
1.40E+00	2.50E-01	3.28E+00	5.80E-01	1.28E+00	1.61E-01	1.47E+00	2.31E-01	2.48E-01	3.97E-02	9.86E-01	1.69E-01	3.75E-01	7.08E-02	3.22E-03	4.54E-04	8.42E-10	1.19E-10
2.04E+00	2.57E-01	3.64E+00	5.55E-01	1.30E+00	1.61E-01	1.40E+00	2.32E-01	2.77E-01	4.13E-02	1.39E+00	1.77E-01	6.01E-01	7.82E-02	3.02E-03	4.88E-04	7.88E-10	1.28E-10
3.16E+00	2.53E-01	6.14E+00	4.32E-01	2.16E+00	1.52E-01	2.05E+00	1.75E-01	4.10E-01	3.08E-02	2.14E+00	1.73E-01	8.09E-01	7.58E-02	3.64E-03	3.80E-04	9.44E-10	9.94E-11
2.82E+00	2.45E-01	8.16E+00	4.35E-01	2.41E+00	1.26E-01	3.29E+00	1.91E-01	5.95E-01	3.30E-02	1.89E+00	1.65E-01	6.40E-01	7.64E-02	6.88E-03	4.26E-04	1.79E-09	1.11E-10
1.52E+00	2.93E-01	6.02E+00	4.39E-01	1.28E+00	1.26E-01	2.85E+00	1.73E-01	4.51E-01	2.99E-02	1.03E+00	2.00E-01	4.97E-01	9.90E-02	6.42E-03	3.70E-04	1.67E-09	9.65E-11
2.32E+00	4.21E-01	3.48E+00	5.06E-01	1.16E+00	1.55E-01	1.43E+00	1.66E-01	2.54E-01	2.97E-02	1.57E+00	2.79E-01	6.78E-01	1.36E-01	3.17E-03	3.39E-04	8.22E-10	8.56E-11
2.71E+00	4.33E-01	5.28E+00	6.06E-01	1.55E+00	1.84E-01	2.01E+00	2.17E-01	3.44E-01	4.04E-02	1.83E+00	2.91E-01	7.93E-01	1.36E-01	4.23E-03	4.20E-04	1.10E-09	1.10E-10
2.42E+00	2.85E-01	4.54E+00	6.73E-01	1.64E+00	2.78E-01	2.04E+00	2.31E-01	3.31E-01	5.15E-02	1.66E+00	2.01E-01	6.83E-01	7.74E-02	4.33E-03	4.47E-04	1.13E-09	1.16E-10
1.97E+00	3.10E-01	4.32E+00	7.26E-01	1.75E+00	2.72E-01	1.63E+00	2.85E-01	3.17E-01	5.91E-02	1.38E+00	2.06E-01	6.67E-01	9.26E-02	3.63E-03	6.11E-04	9.49E-10	1.58E-10
3.16E+00	2.22E-01	6.15E+00	5.79E-01	1.92E+00	1.20E-01	2.27E+00	2.68E-01	4.03E-01	4.14E-02	2.10E+00	1.49E-01	8.56E-01	6.47E-02	5.13E-03	6.15E-04	1.34E-09	1.60E-10
2.25E+00	2.38E-01	5.22E+00	4.55E-01	1.23E+00	1.24E-01	2.77E+00	1.71E-01	3.63E-01	2.85E-02	1.53E+00	1.59E-01	6.35E-01	7.18E-02	6.10E-03	3.59E-04	1.60E-09	9.37E-11
2.14E+00	2.91E-01	4.55E+00	4.82E-01	1.31E+00	1.33E-01	1.86E+00	1.66E-01	3.07E-01	2.80E-02	1.37E+00	1.94E-01	7.26E-01	8.47E-02	3.77E-03	3.06E-04	9.61E-10	8.00E-11
2.35E+00	3.41E-01	4.19E+00	5.87E-01	1.31E+00	1.56E-01	1.87E+00	2.16E-01	2.71E-01	3.55E-02	1.48E+00	2.25E-01	8.00E-01	1.16E-01	3.86E-03	3.81E-04	1.01E-09	9.98E-11
2.71E+00	3.23E-01	3.71E+00	5.47E-01	1.25E+00	1.49E-01	1.78E+00	2.07E-01	2.45E-01	3.51E-02	1.79E+00	2.10E-01	7.80E-01	1.07E-01	3.83E-03	3.89E-04	1.00E-09	1.02E-10
1.87E+00	2.85E-01	3.10E+00	4.38E-01	1.15E+00	1.25E-01	1.40E+00	1.70E-01	2.26E-01	3.00E-02	1.21E+00	1.98E-01	6.45E-01	9.21E-02	3.18E-03	3.35E-04	8.02E-10	8.77E-11
2.25E+00	3.30E-01	3.53E+00	4.41E-01	1.35E+00	1.17E-01	1.52E+00	1.59E-01	2.38E-01	2.60E-02	1.40E+00	2.19E-01	7.72E-01	1.01E-01	3.18E-03	3.23E-04	8.32E-10	8.44E-11
2.01E+00	2.74E-01	4.21E+00	4.61E-01	1.42E+00	1.20E-01	1.69E+00	1.56E-01	2.96E-01	2.65E-02	1.21E+00	1.85E-01	6.69E-01	7.99E-02	3.46E-03	3.08E-04	8.79E-10	8.06E-11
2.02E+00	2.29E-01	4.56E+00	4.97E-01	1.44E+00	1.36E-01	1.66E+00	1.92E-01	3.09E-01	3.27E-02	1.41E+00	1.55E-01	5.29E-01	6.26E-02	3.65E-03	3.74E-04	9.44E-10	9.68E-11
2.07E+00	1.89E-01	4.52E+00	4.17E-01	1.69E+00	1.16E-01	1.47E+00	1.76E-01	3.13E-01	2.90E-02	1.48E+00	1.26E-01	5.78E-01	5.90E-02	3.28E-03	3.73E-04	8.49E-10	9.60E-11
1.87E+00	2.34E-01	3.82E+00	3.77E-01	1.43E+00	1.65E-01	1.24E+00	1.28E-01	2.57E-01	2.47E-02	1.32E+00	1.62E-01	5.39E-01	6.61E-02	2.74E-03	2.58E-04	6.96E-10	6.34E-11
1.87E+00	2.65E-01	4.02E+00	5.73E-01	1.30E+00	1.55E-01	1.50E+00	2.15E-01	2.68E-01	3.69E-02	1.25E+00	1.80E-01	5.41E-01	7.25E-02	2.92E-03	4.11E-04	7.65E-10	1.08E-10
1.86E+00	3.42E-01	4.40E+00	7.40E-01	1.61E+00	1.96E-01	1.57E+00	2.76E-01	2.91E-01	4.69E-02	1.26E+00	2.31E-01	6.21E-01	9.31E-02	3.40E-03	5.27E-04	8.92E-10	1.38E-10
1.84E+00	3.79E-01	4.39E+00	7.32E-01	1.57E+00	1.89E-01	1.75E+00	2.66E-01	3.51E-01	4.39E-02	1.28E+00	2.52E-01	5.27E-01	1.05E-01	3.78E-03	5.09E-04	9.72E-10	1.33E-10
1.76E+00	3.95E-01	4.33E+00	7.34E-01	1.32E+00	2.06E-01	1.94E+00	2.54E-01	3.37E-01	4.47E-02	1.21E+00	2.57E-01	5.61E-01	1.05E-01	4.37E-03	4.59E-04	1.13E-09	1.20E-10
2.18E+00	4.73E-01	3.62E+00	9.91E-01	1.45E+00	2.74E-01	1.66E+00	3.22E-01	2.68E-01	5.85E-02	1.48E+00	3.12E-01	6.26E-01	1.19E-01	3.81E-03	5.94E-04	9.81E-10	1.55E-10
1.70E+00	4.00E-01	4.01E+00	1.00E+00	1.09E+00	2.63E-01	1.57E+00	3.76E-01	2.70E-01	6.57E-02	1.17E+00	2.70E-01	4.90E-01	1.22E-01	3.16E-03	7.63E-04	8.27E-10	2.00E-10
1.65E+00	4.31E-01	3.61E+00	7.43E-01	9.22E-01	1.95E-01	1.46E+00	2.68E-01	2.37E-01	4.58E-02	1.14E+00	2.93E-01	4.79E-01	1.29E-01	2.94E-03	5.19E-04	7.47E-10	1.36E-10
1.70E+00	5.60E-01	3.09E+00	8.67E-01	7.65E-01	2.40E-01	1.26E+00	3.04E-01	1.99E-01	5.13E-02	1.14E+00	3.74E-01	5.23E-01	1.65E-01	2.50E-03	5.30E-04	6.35E-10	1.39E-10
1.31E+00	4.98E-01	2.38E+00	9.19E-01	6.29E-01	2.59E-01	9.65E-01	3.01E-01	1.50E-01	5.36E-02	8.85E-01	3.33E-01	4.18E-01	1.36E-01	1.87E-03	5.24E-04	4.85E-10	1.37E-10
1.44E+00	4.72E-01	2.77E+00	1.06E+00	7.55E-01	2.92E-01	1.19E+00	3.70E-01	1.74E-01	6.66E-02	1.01E+00	3.20E-01	4.51E-01	1.45E-01	2.49E-03	7.16E-04	6.50E-10	1.88E-10
1.38E+00	4.67E-01	2.92E+00	8.89E-01	8.51E-01	2.37E-01	1.03E+00	3.30E-01	1.80E-01	5.86E-02	9.41E-01	3.20E-01	4.26E-01	1.40E-01	2.19E-03	6.74E-04	5.72E-10	1.77E-10
1.67E+00	3.43E-01	2.50E+00	6.58E-01	1.05E+00	1.68E-01	8.35E-01	2.33E-01	1.75E-01	3.93E-02	1.10E+00	2.37E-01	4.54E-01	1.01E-01	1.71E-03	4.73E-04	4.47E-10	1.24E-10
2.16E+00	3.89E-01	3.10E+00	7.36E-01	1.09E+00	2.05E-01	1.04E+00	2.50E-01	1.93E-01	4.33E-02	1.45E+00	2.63E-01	6.34E-01	1.09E-01	1.91E-03	4.46E-04	4.95E-10	1.17E-10
2.27E+00	4.71E-01	3.46E+00	9.62E-01	1.09E+00	2.62E-01	1.16E+00	3.33E-01	2.21E-01	5.86E-02	1.56E+00	3.18E-01	7.06E-01	1.28E-01	2.46E-03	6.25E-04	6.40E-10	1.63E-10
2.29E+00	5.31E-01	5.25E+00	1.24E+00	1.46E+00	3.27E-01	1.96E+00	4.49E-01	3.44E-01	7.81E-02	1.51E+00	3.59E-01	5.80E-01	1.37E-01	3.81E-03	8.77E-04	9.99E-10	2.29E-10
2.84E+00	4.52E-01	7.36E+00	1.15E+00	1.98E+00	2.95E-01	2.89E+00	4.32E-01	5.01E-01	7.44E-02	1.88E+00	3.04E-01	6.96E-01	1.15E-01	5.88E-03	8.70E-04	1.53E-09	2.28E-10
2.16E+00	3.90E-01	6.52E+00	8.14E-01	1.72E+00	2.04E-01	2.63E+00	3.04E-01	4.56E-01	5.21E-02	1.47E+00	2.67E-01	5.07E-01	1.17E-01	5.54E-03	6.16E-04	1.45E-09	1.61E-10
1.60E+00	3.95E-01	3.67E+00	6.39E-01	1.07E+00	1.63E-01	1.49E+00	2.16E-01	2.60E-01	3.68E-02	1.04E+00	2.70E-01	4.13E-01	1.19E-01	3.22E-03	4.23E-04	8.40E-10	1.11E-10
1.52E+00	1.74E-01	4.26E+00	3.67E-01	7.26E-01	1.07E-01	1.90E+00	1.42E-01	2.75E-01	2.36E-02	9.93E-01	1.21E-01	4.21E-01	5.01E-02	4.05E-03	2.90E-04	1.05E-09	7.57E-11
1.48E+00	1.83E-01	4.25E+00	3.97E-01	8.27E-01	1.21E-01	1.85E+00	1.55E-01	2.81E-01	2.59E-02	9.72E-01	1.26E-01	3.90E-01	5.17E-02	3.94E-03	3.12E-04	1.03E-09	7.84E-11
1.26E+00	1.86E-01	3.65E+00	4.20E-01	9.06E-01	1.31E-01	1.50E+00	1.66E-01	2.51E-01	2.79E-02	8.43E-01	1.28E-01	3.13E-01	5.17E-02	3.15E-03	3.39E-04	8.20E-10	8.51E-11
9.77E-01	1.80E-01	2.64E+00	4.25E-01	8.94E-01	1.33E-01	9.74E-01	1.70E-01	1.93E-01	2.88E-02	6.40E-01	1.24E-01	3.91E-01	4.91E-02	1.99E-03	3.51E-04	5.19E-10	8.83E-11
8.86E-01	1.66E-01	2.09E+00	4.13E-01	9.20E-01	1.27E-01	8.17E-01	1.68E-01	1.45E-01	2.87E-02	8.32E-01	1.14E-01	5.18E-01	4.55E-02	1.76E-03	3.51E-04	4.59E-10	8.85E-11
9.54E-01	1.78E-01	1.88E+00	3.93E-01	8.45E-01	1.17E-01	8.29E-01	1.63E-01	1.36E-01	2.81E-02	8.73E-01	1.22E-01	5.44E-01	5.49E-02	1.86E-03	3.44E-04	4.84E-10	8.72E-11
1.09E+00	2.04E-01	1.96E+00	3.73E-01	7.15E-01	1.07E-01	1.10E+00	1.57E-01	1.29E-01	2.75E-02	7.38E-01	1.37E-01	4.59E-01	6.26E-02	2.40E-03	3.36E-04	6.25E-10	8.57E-11
1.10E+00	2.14E-01	2.03E+00	3.41E-01	5.90E-01	1.07E-01	1.12E+00	1.46E-01	1.26E-01	2.63E-02	7.62E-01	1.43E-01	3.26E-01	6.49E-02	2.55E-03	3.33E-04	6.62E-10	8.65E-11
1.05E+00	2.08E-01	2.96E+00	4.02E-01	6.24E-01	1.06E-01	1.66E+00	2.08E-01	1.85E-01	2.79E-02	7.37E-01	1.38E-01	2.89E-01	6.02E-02	3.75E-03	4.75E-04	9.74E-10	1.24E-10
1.17E+00	1.92E-01	3.86E+00	5.06E-01	6.98E-01	1.22E-01	2.13E+00	2.59E-01	2.35E-01	3.43E-02	6.89E-01	1.28E-01	3.48E-01	5.05E-02	4.76E-03	5.88E-04	1.24E-09	1.53E-10
1.43E+00	1.98E-01	4.23E+00	5.34E-01	7.28E-01	1.53E-01	2.27E+00	2.68E-01	2.47E-01	3.47E-02	7.66E-01	1.36E-01	4.31E-01	5.93E-02	5.00E-03	6.01E-04	1.30E-09	1.57E-10
1.67E+00	2.41E-01	4.32E+00	5.36E-01	7.42E-01	1.78E-01	2.23E+00	2.51E-01	2.37E-01	4.21E-02	9.40E-01	1.63E-01	5.16E-01	6.93E-02	4.79E-03	5.54E-04	1.25E-09	1.44E-10
1.58E+00	2.92E-01	3.43E+00	5.43E-01	9.23E-01	1.71E-01	1.77E+00	2.37E-01	1.92E-01	4.28E-02	9.50E-01	1.97E-01	5.13E-01	9.02E-02	3.87E-03	5.20E-04	1.01E-09	1.36E-10
1.49E+00	3.26E-01	2.90E+00	5.35E-01	1.09E+00	1.51E-01	1.49E+00	2.05E-01	2.17E-01	3.52E-02	1.04E+00	2.17E-01	4.22E-01	9.72E-02	3.21E-03	4.45E-04	8.39E-10	1.16E-10
1.54E+00	2.99E-01	3.47E+00	6.05E-01	1.25E+00	1.63E-01	1.54E+00	2.34E-01	2.54E-01	3.92E-02	1.08E+00	1.98E-01	3.84E-01	8.27E-02	3.33E-03	4.41E-04	8.72E-10	1.15E-10

Scenario 1 Results

1.89E+00	2.67E-01	3.59E+00	5.65E-01	1.32E+00	1.61E-01	1.51E+00	2.32E-01	2.65E-01	4.06E-02	1.29E+00	1.83E-01	5.75E-01	8.23E-02	3.28E-03	4.73E-04	8.58E-10	1.24E-10
3.03E+00	2.73E-01	5.47E+00	4.58E-01	1.93E+00	1.31E-01	1.77E+00	1.93E-01	3.54E-01	3.39E-02	2.04E+00	1.87E-01	7.94E-01	8.25E-02	3.77E-03	4.14E-04	9.82E-10	1.08E-10
2.95E+00	2.70E-01	8.14E+00	4.86E-01	2.44E+00	1.42E-01	3.22E+00	1.96E-01	5.87E-01	3.27E-02	1.97E+00	1.82E-01	6.76E-01	8.40E-02	6.63E-03	4.39E-04	1.73E-09	1.15E-10
1.73E+00	3.48E-01	6.53E+00	4.89E-01	1.45E+00	1.40E-01	3.04E+00	1.94E-01	4.88E-01	3.32E-02	1.20E+00	2.37E-01	5.57E-01	1.17E-01	6.80E-03	4.12E-04	1.77E-09	1.07E-10
2.50E+00	4.96E-01	3.80E+00	6.06E-01	1.28E+00	1.92E-01	1.58E+00	2.00E-01	2.78E-01	3.32E-02	1.68E+00	3.28E-01	7.15E-01	1.60E-01	3.32E-03	3.62E-04	8.69E-10	9.30E-11
2.73E+00	4.26E-01	5.81E+00	6.43E-01	1.61E+00	2.28E-01	2.34E+00	2.27E-01	3.89E-01	4.08E-02	1.82E+00	2.90E-01	8.26E-01	1.31E-01	4.86E-03	4.57E-04	1.27E-09	1.19E-10
2.70E+00	3.36E-01	4.78E+00	7.72E-01	1.91E+00	2.83E-01	1.81E+00	2.76E-01	3.06E-01	5.64E-02	1.88E+00	2.40E-01	7.07E-01	9.01E-02	3.35E-03	5.24E-04	8.78E-10	1.37E-10
3.53E+00	2.65E-01	5.84E+00	7.25E-01	1.93E+00	1.88E-01	2.21E+00	3.19E-01	3.61E-01	5.52E-02	2.37E+00	1.89E-01	1.01E+00	7.82E-02	5.01E-03	7.14E-04	1.31E-09	1.86E-10
2.54E+00	2.88E-01	5.51E+00	4.97E-01	1.36E+00	1.27E-01	2.91E+00	2.27E-01	4.22E-01	3.41E-02	1.71E+00	1.90E-01	7.69E-01	9.12E-02	6.22E-03	4.85E-04	1.63E-09	1.27E-10
2.39E+00	3.43E-01	5.45E+00	5.27E-01	1.46E+00	1.49E-01	2.22E+00	1.71E-01	3.66E-01	2.92E-02	1.63E+00	2.29E-01	7.93E-01	1.01E-01	4.48E-03	3.19E-04	1.15E-09	8.37E-11
3.07E+00	4.31E-01	4.80E+00	7.08E-01	1.53E+00	1.88E-01	2.16E+00	2.57E-01	3.08E-01	4.21E-02	1.69E+00	2.79E-01	1.03E+00	1.47E-01	4.44E-03	4.45E-04	1.16E-09	1.17E-10
3.13E+00	3.45E-01	4.13E+00	6.42E-01	1.43E+00	1.75E-01	1.96E+00	2.41E-01	2.72E-01	4.11E-02	2.03E+00	2.36E-01	8.97E-01	1.15E-01	4.18E-03	4.51E-04	1.10E-09	1.18E-10
2.85E+00	3.72E-01	3.81E+00	5.01E-01	1.42E+00	1.44E-01	1.59E+00	1.98E-01	2.65E-01	3.51E-02	1.68E+00	2.53E-01	9.75E-01	1.19E-01	3.66E-03	3.98E-04	9.27E-10	1.04E-10
2.29E+00	3.59E-01	4.52E+00	5.18E-01	1.72E+00	1.42E-01	1.91E+00	1.83E-01	3.21E-01	3.03E-02	1.43E+00	2.37E-01	7.62E-01	1.06E-01	3.98E-03	3.54E-04	1.02E-09	9.25E-11
2.18E+00	2.91E-01	5.16E+00	5.55E-01	1.40E+00	1.56E-01	2.04E+00	2.04E-01	3.48E-01	3.50E-02	1.50E+00	1.96E-01	5.92E-01	8.21E-02	4.15E-03	3.75E-04	1.06E-09	9.75E-11
2.29E+00	2.03E-01	5.22E+00	5.15E-01	1.72E+00	1.33E-01	1.87E+00	2.11E-01	3.59E-01	3.51E-02	1.61E+00	1.37E-01	5.88E-01	5.77E-02	3.88E-03	4.31E-04	1.00E-09	1.12E-10
2.08E+00	2.38E-01	4.64E+00	3.45E-01	1.71E+00	1.57E-01	1.53E+00	1.37E-01	3.22E-01	2.53E-02	1.48E+00	1.63E-01	6.40E-01	6.92E-02	2.93E-03	2.96E-04	7.47E-10	7.62E-11
1.84E+00	2.81E-01	4.07E+00	5.82E-01	1.34E+00	1.61E-01	1.47E+00	2.15E-01	2.68E-01	3.72E-02	1.23E+00	1.91E-01	5.50E-01	7.76E-02	2.84E-03	4.03E-04	7.41E-10	1.06E-10
1.82E+00	3.52E-01	4.10E+00	7.50E-01	1.66E+00	1.98E-01	1.43E+00	2.79E-01	3.02E-01	4.74E-02	1.23E+00	2.37E-01	5.74E-01	9.63E-02	3.04E-03	5.31E-04	7.96E-10	1.39E-10
1.83E+00	4.12E-01	4.80E+00	7.56E-01	1.66E+00	2.06E-01	1.92E+00	2.69E-01	3.77E-01	4.44E-02	1.26E+00	2.75E-01	5.90E-01	1.15E-01	4.11E-03	5.05E-04	1.06E-09	1.32E-10
2.05E+00	4.89E-01	4.74E+00	9.22E-01	1.46E+00	2.47E-01	2.11E+00	3.03E-01	3.63E-01	5.27E-02	1.38E+00	3.20E-01	6.17E-01	1.29E-01	4.73E-03	5.56E-04	1.22E-09	1.46E-10
2.33E+00	5.08E-01	4.41E+00	1.15E+00	1.61E+00	3.15E-01	1.75E+00	3.92E-01	2.86E-01	7.06E-02	1.59E+00	3.35E-01	6.47E-01	1.25E-01	3.98E-03	7.49E-04	1.02E-09	1.96E-10
2.10E+00	5.41E-01	4.41E+00	1.03E+00	1.20E+00	2.52E-01	1.64E+00	4.06E-01	2.78E-01	6.89E-02	1.41E+00	3.66E-01	6.35E-01	1.63E-01	3.45E-03	8.51E-04	9.04E-10	2.23E-10
1.89E+00	6.12E-01	3.69E+00	9.85E-01	9.78E-01	2.71E-01	1.48E+00	3.41E-01	2.44E-01	5.76E-02	1.26E+00	4.09E-01	5.91E-01	1.84E-01	2.97E-03	6.17E-04	7.55E-10	1.62E-10
1.76E+00	6.50E-01	3.12E+00	1.18E+00	8.50E-01	3.32E-01	1.27E+00	3.84E-01	2.04E-01	6.82E-02	1.20E+00	4.35E-01	5.43E-01	1.79E-01	2.53E-03	6.63E-04	6.43E-10	1.74E-10
1.58E+00	5.28E-01	2.92E+00	1.17E+00	8.24E-01	3.21E-01	1.14E+00	4.06E-01	1.85E-01	7.29E-02	1.11E+00	3.59E-01	4.98E-01	1.62E-01	2.31E-03	7.82E-04	6.05E-10	2.05E-10
1.22E+00	4.17E-01	2.49E+00	8.01E-01	7.34E-01	2.13E-01	9.50E-01	2.95E-01	1.52E-01	5.23E-02	8.41E-01	2.88E-01	3.88E-01	1.26E-01	1.95E-03	6.00E-04	5.10E-10	1.57E-10
1.80E+00	3.84E-01	2.36E+00	6.91E-01	9.88E-01	1.85E-01	8.93E-01	2.29E-01	1.52E-01	3.94E-02	1.20E+00	2.60E-01	5.15E-01	1.09E-01	1.85E-03	4.44E-04	4.70E-10	1.16E-10
2.11E+00	4.16E-01	2.83E+00	7.89E-01	9.57E-01	2.12E-01	9.81E-01	2.61E-01	1.62E-01	4.55E-02	1.43E+00	2.82E-01	6.34E-01	1.16E-01	2.05E-03	4.64E-04	5.20E-10	1.22E-10
1.91E+00	3.95E-01	2.63E+00	7.93E-01	8.44E-01	2.10E-01	1.27E+00	2.65E-01	1.72E-01	4.62E-02	1.31E+00	2.68E-01	6.05E-01	1.07E-01	2.72E-03	4.83E-04	7.08E-10	1.26E-10
1.49E+00	3.57E-01	2.85E+00	7.59E-01	8.40E-01	1.96E-01	1.45E+00	2.56E-01	1.75E-01	4.45E-02	1.04E+00	2.41E-01	4.88E-01	9.46E-02	3.21E-03	4.79E-04	8.33E-10	1.25E-10
2.17E+00	3.61E-01	4.86E+00	7.17E-01	1.31E+00	1.81E-01	1.80E+00	2.47E-01	3.12E-01	4.28E-02	1.38E+00	2.47E-01	5.36E-01	1.13E-01	3.54E-03	4.78E-04	9.26E-10	1.25E-10
2.97E+00	4.42E-01	7.79E+00	6.76E-01	2.09E+00	1.70E-01	3.04E+00	2.19E-01	5.28E-01	3.74E-02	1.94E+00	3.02E-01	7.12E-01	1.36E-01	6.18E-03	4.35E-04	1.62E-09	1.14E-10
2.29E+00	4.92E-01	6.98E+00	7.67E-01	1.84E+00	1.92E-01	2.81E+00	2.49E-01	4.89E-01	4.01E-02	1.55E+00	3.35E-01	5.36E-01	1.50E-01	5.93E-03	4.57E-04	1.55E-09	1.19E-10
2.60E+00	5.16E-01	6.08E+00	8.10E-01	1.74E+00	2.03E-01	2.50E+00	2.67E-01	4.19E-01	4.59E-02	1.74E+00	3.51E-01	7.03E-01	1.56E-01	4.96E-03	5.37E-04	1.30E-09	1.40E-10
2.65E+00	5.14E-01	6.60E+00	8.12E-01	1.83E+00	2.06E-01	2.68E+00	2.64E-01	4.61E-01	4.48E-02	1.78E+00	3.50E-01	6.85E-01	1.55E-01	5.39E-03	5.28E-04	1.41E-09	1.38E-10
1.72E+00	1.67E-01	4.23E+00	3.82E-01	7.43E-01	1.06E-01	1.93E+00	1.63E-01	2.63E-01	2.88E-02	1.11E+00	1.17E-01	5.11E-01	4.90E-02	4.01E-03	3.54E-04	1.04E-09	9.25E-11
1.95E+00	1.81E-01	5.04E+00	3.88E-01	8.05E-01	1.06E-01	2.29E+00	1.67E-01	3.18E-01	2.92E-02	1.27E+00	1.27E-01	5.71E-01	5.29E-02	4.81E-03	3.61E-04	1.25E-09	9.44E-11
1.93E+00	1.89E-01	5.17E+00	3.88E-01	8.34E-01	1.21E-01	2.34E+00	1.59E-01	3.30E-01	2.76E-02	1.25E+00	1.32E-01	5.52E-01	5.51E-02	4.94E-03	3.43E-04	1.29E-09	8.98E-11
1.61E+00	1.92E-01	4.44E+00	3.99E-01	8.37E-01	1.28E-01	1.95E+00	1.53E-01	2.90E-01	2.55E-02	1.05E+00	1.33E-01	4.37E-01	5.53E-02	4.11E-03	3.11E-04	1.07E-09	8.13E-11
1.17E+00	1.91E-01	3.29E+00	4.08E-01	8.22E-01	1.30E-01	1.35E+00	1.59E-01	2.26E-01	2.65E-02	7.84E-01	1.31E-01	4.36E-01	5.41E-02	2.81E-03	3.18E-04	7.33E-10	8.00E-11
1.24E+00	1.93E-01	2.42E+00	4.34E-01	8.26E-01	1.33E-01	9.30E-01	1.72E-01	1.77E-01	2.89E-02	8.69E-01	1.31E-01	5.33E-01	5.30E-02	2.06E-03	3.48E-04	5.37E-10	8.80E-11
1.30E+00	1.88E-01	2.34E+00	4.48E-01	9.01E-01	1.32E-01	8.67E-01	1.81E-01	1.39E-01	3.07E-02	9.26E-01	1.27E-01	5.77E-01	5.27E-02	1.90E-03	3.69E-04	4.95E-10	9.40E-11
1.29E+00	2.16E-01	2.29E+00	4.57E-01	9.05E-01	1.32E-01	1.09E+00	1.88E-01	1.39E-01	3.22E-02	8.75E-01	1.48E-01	5.13E-01	6.71E-02	2.35E-03	3.86E-04	6.12E-10	9.94E-11
1.17E+00	2.52E-01	2.04E+00	4.35E-01	7.95E-01	1.28E-01	1.10E+00	1.82E-01	1.42E-01	3.16E-02	7.86E-01	1.69E-01	3.90E-01	7.77E-02	2.34E-03	3.78E-04	6.10E-10	9.80E-11
1.16E+00	2.63E-01	1.98E+00	4.09E-01	6.36E-01	1.23E-01	1.10E+00	1.66E-01	1.36E-01	2.95E-02	7.87E-01	1.74E-01	3.58E-01	7.96E-02	2.63E-03	3.81E-04	6.87E-10	9.91E-11
1.16E+00	2.51E-01	2.69E+00	4.40E-01	6.06E-01	1.23E-01	1.53E+00	2.29E-01	1.72E-01	3.16E-02	7.97E-01	1.66E-01	3.83E-01	7.28E-02	3.49E-03	5.22E-04	9.08E-10	1.36E-10
1.21E+00	2.33E-01	4.07E+00	5.90E-01	8.06E-01	1.52E-01	2.26E+00	3.03E-01	2.51E-01	4.01E-02	8.43E-01	1.55E-01	3.91E-01	6.16E-02	5.08E-03	6.86E-04	1.32E-09	1.79E-10
1.70E+00	2.51E-01	5.05E+00	6.50E-01	8.89E-01	1.90E-01	2.72E+00	3.26E-01	2.96E-01	4.21E-02	9.01E-01	1.72E-01	5.08E-01	7.45E-02	5.97E-03	7.28E-04	1.56E-09	1.90E-10
1.92E+00	2.81E-01	4.53E+00	5.84E-01	8.94E-01	1.92E-01	2.32E+00	2.60E-01	2.42E-01	4.59E-02	1.08E+00	1.92E-01	6.00E-01	8.84E-02	4.89E-03	5.64E-04	1.28E-09	1.47E-10
1.73E+00	3.59E-01	3.85E+00	5.51E-01	1.12E+00	1.71E-01	1.91E+00	2.36E-01	2.72E-01	4.21E-02	1.06E+00	2.41E-01	5.75E-01	1.11E-01	4.12E-03	5.19E-04	1.08E-09	1.36E-10
1.61E+00	3.75E-01	4.77E+00	6.32E-01	1.69E+00	1.67E-01	1.98E+00	2.33E-01	3.47E-01	3.71E-02	1.12E+00	2.48E-01	4.27E-01	1.10E-01	4.15E-03	4.23E-04	1.09E-09	1.11E-10
1.54E+00	3.00E-01	4.16E+00	6.41E-01	1.30E+00	1.75E-01	1.74E+00	2.57E-01	3.06E-01	4.34E-02	1.07E+00	2.06E-01	4.75E-01	9.43E-02	3.65E-03	4.99E-04	9.56E-10	1.31E-10
2.80E+00	3.23E-01	4.56E+00	5.27E-01	1.58E+00	1.47E-01	2.15E+00	2.25E-01	2.82E-01	3.92E-02	1.87E+00	2.20E-01	7.61E-01	9.89E-02	5.22E-03	4.74E-04	1.36E-09	1.24E-10
3.36E+00	3.07E-01	8.28E+00	5.61E-01	2.61E+00	1.72E-01	3.11E+00	2.11E-01	5.83E-01	3.79E-02	2.23E+00	2.09E-01	7.86E-01	9.32E-02	6.15E-03	3.95E-04	1.61E-09	1.03E-10
1.97E+00	4.11E-01	7.28E+00	5.39E-01	1.72E+00	1.52E-01	3.29E+00	2.46E-01	5.40E-01	3.85E-02	1.36E+00	2.79E-01	6.21E-01	1.37E-01	7.22E-03	5.27E-04	1.89E-09	1.38E-10
2.54E+00	5.50E-01	4.60E+00	6.87E-01	1.36E+00	2.09E-01	1.64E+00	2.28E-01	2.88E-01	3.88E-02	1.71E+00	3.63E-01	7.62E-01	1.76E-01	3.34E-03	3.72E-04	8.75E-10	9.70E-11
2.71E+00	4.39E-01	5.76E+00	7.62E-01	1.64E+00	2.95E-01	2.61E+00	2.45E-01	3.75E-01	5.17E-02	1.85E+00	3.12E-01	7.95E-01	1.24E-01	5.40E-03	4.49E-04	1.41E-09	1.17E-10
3.24E+00	3.60E-01	4.61E+00	8.09E-01	1.88E+00	2.57E-01	1.86E+00	3.11E-01	3.39E-01	5.92E-02	2.20E+00	2.62E-01	1.01E+00	1.05E-01	3.83E-03	6.43E-04	1.00E-09	1.68E-10
2.89E+00	3.39E-01	6.61E+00	6.46E-01	1.80E+00	1.31E-01	2.72E+00	2.92E-01	4.56E-01	4.44E-02	1.88E+00	2.23E-01	8.41E-01	1.05E-01	5.38E-03	6.20E-04	1.41E-09	1.62E-10
3.11E+00	3.82E-01	6.58E+00	5.34E-01	1.74E+00	1.54E-01	2.66E+00	1.99E-01	4.43E-01	3.27E-02	2.08E+00	2.55E-01	9.05E-01	1.14E-01	5.35E-03	3.71E-04	1.37E-09	9.69E-11
3.75E+00	5.14E-01	5.30E+00	8.31E-01	1.71E+00	2.18E-01	2.40E+00	2.96E-01	3.48E-01	4.79E-02	2.04E+00	3.44E-01	1.25E+00	1.76E-01	4.89E-03	4.97E-04	1.28E-09	1.30E-10
3.28E+00	3.88E-01	5.02E+00	7.39E-01	1.61E+00	2.03E-01	2.07E+00	2.75E-01	3.50E-01	4.68E-02	2.12E+00	2.75E-01	9.97E-01	1.30E-01	4.52E-03	5.06E-04	1.18E-09	1.33E-10
4.36E+00	5.00E-01	4.81E+00	6.12E-01	1.82E+00	1.66E-01	2.02E+00	2.46E-01	3.39E-01	4.22E-02	2.54E+00	3.28E-01	1.47E+00	1.58E-01	4.49E-03	4.95E-04	1.18E-09	1.30E-10
3.56E+00	3.64E-01	5.82E+00	6.52E-01	1.95E+00	1.69E-01	2.43E+00	2.43E-01	4.08E-01	3.94E-02	2.35E+00	2.42E-01	1.08E+00	1.06E-01	5.00E-03	4.35E-04	1.28E-09	1.14E-10
2.87E+00	3.33E-01	6.13E+00	7.26E-01	1.75E+00	1.95E-01	2.39E+00	2.82E-01	4.18E-01	4.76E-02	1.93E+00	2.24E-01	8.06E-01	9.08E-02	4.88E-03	5.46E-04	1.26E-09	1.42E-10
2.64E+00	2.79E-01	5.55E+00	4.42E-01	1.88E+00	1.65E-01	1.98E+00	1.93E-01	3.87E-01	3.11E-02	1.80E+00	1.90E-01	8.65E-01	8.34E-02	3.89E-03	4.13E-04	9.95E-10	1.07E-10
2.02E+00	3.17E-01	4.47E+00	6.28E-01	1.49E+00	1.77E-01	1.59E+00	2.27E-01	2.91E-01	3.96E-02	1.34E+00	2.15E-01	5.66E-01	8.81E-02	3.02E-03	4.18E-04	7.91E-10	1.10E-10
2.04E+00	3.81E-01	4.14E+00	8.08E-01	1.67E+00	2.13E-01	1.44E+00	3.01E-01	3.09E-01	5.10E-02	1.36E+00	2.57E-01	6.25E-01	1.05E-01	3.08E-03	5.71E-04	8.08E-10	1.50E-10
1.86E+00	4.46E-01	5.18E+00	7.94E-01	1.69E+00	2.26E-01	2.08E+00	2.77E-01	3.96E-01	4.60E-02	1.33E+00	2.99E-01	6.40E-01	1.25E-01	4.44E-03	5.07E-04	1.15E-09	1.33E-10
2.22E+00	5.45E-01	5.11E+00	1.06E+00	1.65E+00	2.91E-01	2.27E+00	3.36E-01	3.83E-01	6.04E-02	1.49E+00	3.59E-01	6.73E-01	1.42E-01	5.05E-03	6.05E-04	1.30E-09	1.59E-10
2.19E+00	5.09E-01	4.81E+00	1.22E+00	1.83E+00	3.18E-01	1.82E+00	4.37E-01	3.03E-01	7.69E-02	1.50E+00	3.44E-01	6.82E-01	1.55E-01	4.10E-03	8.71E-04	1.05E-09	2.28E-10
2.16E+00	6.64E-01	4.29E+00	1.04E+00	1.35E+00	2.96E-01	1.65E+00	3.72E-01	2.82E-01	6.42E-02	1.59E+00	4.49E-01	6.62E-01	1.98E-01	3.40E-03	7.30E-04	8.91E-10	1.91E-10
2.40E+00	8.56E-01	3.80E+00	1.48E+00	1.11E+00	4.18E-01	1.52E+00	4.80E-01	2.54E-01	8.46E-02	1.63E+00	5.71E-01	7.02E-01	2.40E-01	3.08E-03	8.63E-04	7.84E-10	2.26E-10
2.12E+00	7.17E-01	3.93E+00	1.58E+00	1.13E+00	4.30E-01	1.37E+00	5.52E-01	2.51E-01	9.84E-02	1.44E+00	4.87E-01	6.43E-01	2.17E-01	2.82E-03	1.06E-03	7.39E-10	2.79E-10
1.58E+00	5.57E-01	3.52E+00	1.11E+00	1.02E+00	2.86E-01	1.28E+00	4.13E-01	2.20E-01	7.25E-02	1.05E+00	3.85E-01	5.18E-01	1.64E-01	2.58E-03	8.50E-04	6.74E-10	2.23E-10
2.18E+00	4.97E-01	2.93E+00	9.13E-01	1.17E+00	2.48E-01	1.16E+00	2.99E-01	1.82E-01	5.22E-02	1.47E+00	3.36E-01	6.30E-01	1.40E-01	2.40E-03	5.33E-04	6.27E-10	1.40E-10
1.92E+00	3.94E-01	2.57E+00	7.68E-01	7.94E-01	2.08E-01	1.05E+00	2.52E-01	1.76E-01	4.45E-02	1.32E+00	2.67E-01	5.92E-01	1.08E-01	2.19E-03	4.52E-04	5.56E-10	1.18E-10
1.47E+00	3.17E-01	2.65E+00	6.77E-01	7.11E-01	1.80E-01	1.11E+00	2.27E-01	1.81E-01	4.01E-02	1.04E+00	2.15E-01	4.75E-01	9.51E-02	2.43E-03	4.24E-04	6.33E-10	1.11E-10
1.30E+00	3.39E-01	2.82E+00	5.60E-01	7.01E-01	1.45E-01	1.49E+00	1.91E-01	2.01E-01	3.36E-02	8.79E-01	2.33E-01	4.06E-01	1.09E-01	3.35E-03	3.68E-04	8.71E-10	9.63E-11
1.37E+00	3.65E-01	3.08E+00	5.02E-01	7.90E-01	1.25E-01	1.66E+00	1.61E-01	2.22E-01	2.69E-02	9.09E-01	2.50E-01	4.14E-01	1.16E-01	3.79E-03	2.81E-04	9.86E-10	7.35E-11
2.17E+00	3.89E-01	4.85E+00	5.37E-01	1.34E+00	1.34E-01	1.83E+00	1.70E-01	3.18E-01	2.65E-02	1.38E+00	2.66E-01	5.40E-01	1.24E-01	3.79E-03	3.04E-04	9.89E-10	7.90E-11
2.80E+00	4.25E-01	7.48E+00	5.92E-01	2.02E+00	1.52E-01	2.93E+00	2.15E-01	5.11E-01	3.68E-02	1.83E+00	2.90E-01	6.62E-01	1.33E-01	5.99E-03	4.19E-04	1.57E-09	1.10E-10
2.86E+00	4.38E-01	6.79E+00	6.35E-01	1.87E+00	1.75E-01	2.73E+00	2.46E-01	4.68E-01	4.29E-02	1.89E+00	2.98E-01	7.44E-01	1.36E-01	5.47E-03	4.92E-04	1.43E-09	1.28E-10
2.95E+00	5.18E-01	7.62E+00	8.14E-01	2.14E+00	2.21E-01	3.05E+00	2.61E-01	5.34E-01	4.44E-02	1.96E+00	3.53E-01	7.27E-01	1.54E-01	6.17E-03	5.20E-04	1.61E-09	1.36E-10
2.10E+00	4.95E-01	5.74E+00	8.39E-01	1.65E+00	2.42E-01	2.27E+00	2.80E-01	4.06E-01	4.85E-02	1.40E+00	3.38E-01	5.38E-01	1.43E-01	4.66E-03	4.84E-04	1.22E-09	1.27E-10
1.77E+00	4.02E-01	3.61E+00	7.15E-01	9.72E-01	2.18E-01	1.53E+00	2.44E-01	2.54E-01	4.32E-02	1.19E+00	2.75E-01	5.64E-01	1.22E-01	3.42E-03	4.30E-04	8.96E-10	1.13E-10
1.45E+00	1.79E-01	3.42E+00	4.77E-01	1.01E+00	1.48E-01	1.59E+00	1.93E-01	2.54E-01	3.65E-02	9.15E-01	1.24E-01	4.54E-01	5.38E-02	3.30E-03	4.17E-04	8.60E-10	1.09E-10
1.66E+00	1.82E-01	3.82E+00	4.65E-01	9.06E-01	1.39E-01	1.77E+00	1.90E-01	2.31E-01	3.52E-02	1.07E+00	1.29E-01	5.17E-01	5.45E-02	3.65E-03	4.10E-04	9.50E-10	1.07E-10
1.83E+00	1.84E-01	4.27E+00	4.27E-01	8.42E-01	1.23E-01	2.00E+00	1.77E-01	2.59E-01	3.19E-02	1.19E+00	1.29E-01	5.74E-01	5.54E-02	4.12E-03	3.79E-04	1.07E-09	9.93E-11
1.90E+00	1.81E-01	4.62E+00	3.87E-01	8.53E-01	1.08E-01	2.17E+00	1.62E-01	2.83E-01	2.86E-02	1.23E+00	1.27E-01	5.91E-01	5.47E-02	4.51E-03	3.45E-04	1.18E-09	9.03E-11
1.82E+00	1.89E-01	4.70E+00	3.73E-01	9.68E-01	1.05E-01	2.17E+00	1.58E-01	2.94E-01	2.76E-02	1.18E+00	1.32E-01	5.42E-01	5.65E-02	4.56E-03	3.37E-04	1.19E-09	8.82E-11
1.48E+00	1.98E-01	4.01E+00	3.88E-01	9.93E-01	1.17E-01	1.78E+00	1.51E-01	2.59E-01	2.62E-02	9.69E-01	1.37E-01	5.19E-01	5.82E-02	3.74E-03	3.23E-04	9.76E-10	8.46E-11
1.49E+00	2.12E-01	3.16E+00	4.27E-01	9.25E-01	1.28E-01	1.31E+00	1.63E-01	2.12E-01	2.69E-02	1.00E+00	1.44E-01	5.63E-01	6.08E-02	2.73E-03	3.16E-04	7.12E-10	8.15E-11
1.60E+00	2.27E-01	2.48E+00	4.77E-01	8.16E-01	1.40E-01	1.01E+00	1.85E-01	1.94E-01	3.07E-02	1.07E+00	1.53E-01	5.98E-01	6.36E-02	2.17E-03	3.60E-04	5.68E-10	9.26E-11

Scenario 1 Results

1.61E+00	2.33E-01	2.23E+00	5.11E-01	9.06E-01	1.50E-01	1.15E+00	2.02E-01	1.65E-01	3.37E-02	1.07E+00	1.56E-01	5.63E-01	6.36E-02	2.50E-03	3.95E-04	6.52E-10	1.02E-10
1.51E+00	2.58E-01	2.12E+00	5.06E-01	9.51E-01	1.52E-01	1.18E+00	2.04E-01	1.37E-01	3.44E-02	1.00E+00	1.77E-01	4.72E-01	8.09E-02	2.53E-03	4.03E-04	6.61E-10	1.05E-10
1.59E+00	3.20E-01	2.24E+00	5.20E-01	1.07E+00	1.63E-01	1.19E+00	2.14E-01	1.61E-01	3.67E-02	1.05E+00	2.16E-01	4.79E-01	9.92E-02	2.51E-03	4.31E-04	6.55E-10	1.13E-10
1.79E+00	3.61E-01	2.49E+00	5.48E-01	1.18E+00	1.74E-01	1.25E+00	2.17E-01	1.81E-01	3.79E-02	1.17E+00	2.40E-01	5.39E-01	1.10E-01	2.96E-03	4.48E-04	7.74E-10	1.17E-10
1.71E+00	3.46E-01	2.96E+00	5.56E-01	1.03E+00	1.57E-01	1.72E+00	2.45E-01	2.00E-01	3.94E-02	1.10E+00	2.28E-01	5.15E-01	1.02E-01	4.03E-03	5.55E-04	1.06E-09	1.45E-10
1.50E+00	2.95E-01	3.55E+00	5.78E-01	8.38E-01	1.71E-01	2.00E+00	2.90E-01	2.29E-01	3.88E-02	1.00E+00	1.94E-01	4.70E-01	8.04E-02	4.62E-03	6.49E-04	1.21E-09	1.70E-10
1.75E+00	3.04E-01	4.12E+00	6.07E-01	1.08E+00	1.99E-01	2.10E+00	2.94E-01	2.19E-01	4.39E-02	1.21E+00	2.08E-01	5.28E-01	9.29E-02	4.42E-03	6.40E-04	1.16E-09	1.68E-10
2.08E+00	3.79E-01	4.02E+00	6.06E-01	2.41E+00	1.93E-01	1.93E+00	2.53E-01	2.79E-01	4.72E-02	1.45E+00	2.58E-01	6.60E-01	1.21E-01	4.13E-03	5.36E-04	1.08E-09	1.40E-10
1.99E+00	4.71E-01	4.35E+00	6.68E-01	1.84E+00	1.63E-01	1.40E+00	2.36E-01	3.24E-01	3.84E-02	1.39E+00	3.12E-01	4.81E-01	1.46E-01	3.09E-03	4.66E-04	8.09E-10	1.22E-10
1.71E+00	4.32E-01	3.83E+00	7.56E-01	1.40E+00	1.94E-01	2.32E+00	2.93E-01	2.81E-01	4.66E-02	1.20E+00	2.81E-01	5.46E-01	1.25E-01	5.63E-03	5.23E-04	1.47E-09	1.37E-10
2.58E+00	4.08E-01	4.36E+00	6.66E-01	1.49E+00	1.83E-01	1.75E+00	2.80E-01	3.20E-01	4.78E-02	1.73E+00	2.78E-01	7.44E-01	1.28E-01	4.24E-03	5.69E-04	1.11E-09	1.49E-10
3.96E+00	3.77E-01	8.06E+00	6.40E-01	2.59E+00	2.15E-01	2.82E+00	2.38E-01	5.33E-01	4.32E-02	2.60E+00	2.54E-01	9.93E-01	1.12E-01	5.17E-03	4.26E-04	1.35E-09	1.09E-10
2.72E+00	5.09E-01	8.56E+00	7.52E-01	2.20E+00	1.81E-01	3.70E+00	3.34E-01	6.20E-01	5.43E-02	1.77E+00	3.39E-01	8.10E-01	1.68E-01	8.00E-03	7.09E-04	2.09E-09	1.85E-10
3.02E+00	6.48E-01	5.62E+00	8.13E-01	1.52E+00	2.28E-01	2.13E+00	2.74E-01	3.54E-01	4.56E-02	2.01E+00	4.42E-01	9.10E-01	2.06E-01	3.89E-03	4.29E-04	1.02E-09	1.13E-10
3.78E+00	5.27E-01	6.39E+00	8.93E-01	2.19E+00	3.32E-01	2.90E+00	2.96E-01	4.12E-01	5.97E-02	2.58E+00	3.76E-01	1.24E+00	1.55E-01	5.95E-03	5.08E-04	1.56E-09	1.32E-10
4.54E+00	3.46E-01	7.70E+00	8.06E-01	2.32E+00	1.91E-01	2.77E+00	3.36E-01	4.70E-01	5.35E-02	3.03E+00	2.50E-01	1.32E+00	1.08E-01	4.99E-03	6.71E-04	1.31E-09	1.76E-10
4.04E+00	4.88E-01	7.94E+00	6.48E-01	2.19E+00	1.69E-01	3.16E+00	2.51E-01	5.37E-01	4.06E-02	2.71E+00	3.12E-01	1.22E+00	1.61E-01	6.28E-03	4.56E-04	1.62E-09	1.19E-10
4.82E+00	6.46E-01	6.21E+00	9.19E-01	1.82E+00	2.38E-01	2.51E+00	3.20E-01	4.11E-01	5.06E-02	2.58E+00	4.12E-01	1.60E+00	2.25E-01	5.12E-03	5.10E-04	1.32E-09	1.34E-10
4.13E+00	4.59E-01	5.79E+00	8.11E-01	1.69E+00	2.23E-01	2.55E+00	2.93E-01	3.90E-01	4.97E-02	2.68E+00	3.27E-01	1.25E+00	1.55E-01	5.60E-03	5.21E-04	1.47E-09	1.37E-10
5.18E+00	5.76E-01	6.04E+00	7.24E-01	2.33E+00	1.88E-01	2.69E+00	2.88E-01	4.69E-01	4.69E-02	3.04E+00	3.73E-01	1.72E+00	1.78E-01	6.06E-03	5.58E-04	1.58E-09	1.46E-10
3.43E+00	5.27E-01	7.28E+00	9.37E-01	1.92E+00	2.61E-01	2.99E+00	3.37E-01	4.90E-01	5.71E-02	2.24E+00	3.51E-01	1.06E+00	1.50E-01	6.09E-03	5.94E-04	1.56E-09	1.55E-10
3.43E+00	3.37E-01	6.79E+00	7.10E-01	2.07E+00	1.70E-01	2.74E+00	3.01E-01	4.72E-01	4.89E-02	2.29E+00	2.26E-01	1.19E+00	1.05E-01	5.44E-03	6.28E-04	1.43E-09	1.64E-10
2.38E+00	3.95E-01	5.12E+00	7.23E-01	1.71E+00	2.08E-01	1.86E+00	2.54E-01	3.61E-01	4.45E-02	1.59E+00	2.66E-01	6.68E-01	1.11E-01	3.70E-03	4.49E-04	9.48E-10	1.18E-10
2.39E+00	4.54E-01	4.64E+00	9.43E-01	1.74E+00	2.49E-01	1.67E+00	3.51E-01	3.26E-01	5.96E-02	1.58E+00	3.06E-01	7.13E-01	1.27E-01	3.62E-03	6.68E-04	9.50E-10	1.75E-10
2.32E+00	5.32E-01	5.65E+00	9.70E-01	1.74E+00	2.74E-01	2.29E+00	3.29E-01	4.21E-01	5.66E-02	1.58E+00	3.58E-01	7.10E-01	1.50E-01	4.87E-03	5.90E-04	1.25E-09	1.55E-10
2.51E+00	5.86E-01	5.46E+00	1.23E+00	1.90E+00	3.34E-01	2.42E+00	4.00E-01	3.99E-01	7.21E-02	1.71E+00	3.87E-01	7.31E-01	1.49E-01	5.33E-03	7.38E-04	1.37E-09	1.93E-10
2.60E+00	6.07E-01	5.22E+00	1.08E+00	2.06E+00	2.62E-01	1.86E+00	4.09E-01	3.59E-01	6.89E-02	1.88E+00	4.10E-01	7.62E-01	1.86E-01	4.13E-03	8.47E-04	1.06E-09	2.22E-10
2.71E+00	8.80E-01	5.06E+00	1.40E+00	1.53E+00	4.02E-01	1.76E+00	4.84E-01	3.01E-01	8.23E-02	1.99E+00	5.91E-01	7.90E-01	2.55E-01	3.60E-03	8.52E-04	9.24E-10	2.23E-10
2.40E+00	7.72E-01	3.78E+00	1.65E+00	1.13E+00	4.52E-01	1.52E+00	5.57E-01	2.58E-01	1.00E-01	1.73E+00	5.25E-01	7.55E-01	2.34E-01	3.14E-03	1.05E-03	8.05E-10	2.75E-10
1.87E+00	5.82E-01	3.66E+00	1.17E+00	1.07E+00	3.02E-01	1.18E+00	4.33E-01	2.26E-01	7.61E-02	1.28E+00	4.04E-01	6.26E-01	1.70E-01	2.42E-03	8.89E-04	6.19E-10	2.33E-10
2.58E+00	6.00E-01	3.41E+00	1.13E+00	1.34E+00	3.09E-01	1.30E+00	3.66E-01	2.03E-01	6.47E-02	1.74E+00	4.07E-01	7.54E-01	1.66E-01	2.59E-03	6.43E-04	6.77E-10	1.68E-10
2.52E+00	5.19E-01	3.75E+00	1.12E+00	1.09E+00	3.03E-01	1.15E+00	3.77E-01	2.02E-01	6.73E-02	1.75E+00	3.53E-01	7.68E-01	1.36E-01	2.34E-03	7.08E-04	6.10E-10	1.86E-10
1.55E+00	4.34E-01	2.76E+00	7.44E-01	8.16E-01	1.95E-01	1.12E+00	2.59E-01	1.90E-01	4.59E-02	1.05E+00	2.98E-01	5.06E-01	1.39E-01	2.36E-03	5.09E-04	6.01E-10	1.33E-10
1.34E+00	4.16E-01	2.65E+00	5.67E-01	7.03E-01	1.42E-01	1.30E+00	1.82E-01	1.97E-01	3.03E-02	9.19E-01	2.85E-01	4.59E-01	1.33E-01	2.95E-03	3.15E-04	7.68E-10	8.26E-11
1.18E+00	3.96E-01	3.08E+00	5.42E-01	6.62E-01	1.37E-01	1.55E+00	1.72E-01	2.35E-01	2.68E-02	8.24E-01	2.70E-01	4.30E-01	1.25E-01	3.56E-03	2.77E-04	9.26E-10	7.24E-11
1.64E+00	3.96E-01	3.17E+00	5.49E-01	9.67E-01	1.42E-01	1.60E+00	1.72E-01	2.43E-01	2.74E-02	1.04E+00	2.70E-01	4.10E-01	1.23E-01	3.69E-03	2.85E-04	9.60E-10	7.43E-11
2.52E+00	3.73E-01	5.63E+00	5.55E-01	1.72E+00	1.59E-01	1.92E+00	1.96E-01	3.63E-01	3.58E-02	1.63E+00	2.54E-01	5.95E-01	1.14E-01	3.69E-03	3.81E-04	9.65E-10	9.96E-11
3.05E+00	3.41E-01	7.62E+00	6.08E-01	2.28E+00	1.75E-01	2.78E+00	2.23E-01	5.16E-01	4.07E-02	1.99E+00	2.32E-01	7.02E-01	1.02E-01	5.49E-03	4.47E-04	1.44E-09	1.17E-10
2.75E+00	3.64E-01	7.48E+00	5.21E-01	2.28E+00	1.54E-01	2.78E+00	1.94E-01	5.22E-01	3.60E-02	1.79E+00	2.45E-01	5.98E-01	1.20E-01	5.63E-03	3.95E-04	1.47E-09	1.03E-10
2.36E+00	5.36E-01	5.61E+00	7.67E-01	1.70E+00	2.29E-01	2.13E+00	2.37E-01	3.99E-01	4.54E-02	1.60E+00	3.63E-01	7.48E-01	1.64E-01	4.39E-03	4.43E-04	1.15E-09	1.15E-10
2.85E+00	6.34E-01	4.48E+00	1.12E+00	1.29E+00	3.12E-01	1.80E+00	3.62E-01	2.68E-01	6.36E-02	1.93E+00	4.33E-01	8.74E-01	1.81E-01	4.06E-03	6.16E-04	1.06E-09	1.61E-10
2.66E+00	5.97E-01	4.58E+00	1.21E+00	1.44E+00	3.52E-01	1.60E+00	4.14E-01	3.02E-01	7.51E-02	1.84E+00	4.10E-01	8.06E-01	1.62E-01	3.18E-03	7.60E-04	8.35E-10	1.98E-10
2.16E+00	4.79E-01	3.93E+00	1.05E+00	1.23E+00	3.08E-01	1.39E+00	3.72E-01	2.62E-01	6.78E-02	1.51E+00	3.30E-01	6.34E-01	1.26E-01	2.72E-03	7.08E-04	7.13E-10	1.85E-10
1.99E+00	2.60E-01	3.93E+00	5.97E-01	1.27E+00	1.75E-01	1.65E+00	2.69E-01	3.03E-01	4.80E-02	1.35E+00	1.76E-01	6.73E-01	8.82E-02	3.57E-03	6.00E-04	9.34E-10	1.57E-10
2.00E+00	2.57E-01	3.49E+00	4.54E-01	1.14E+00	1.61E-01	1.52E+00	2.04E-01	2.66E-01	3.64E-02	1.35E+00	1.73E-01	6.61E-01	8.68E-02	3.32E-03	4.55E-04	8.69E-10	1.19E-10
1.94E+00	2.49E-01	3.14E+00	4.31E-01	1.01E+00	1.51E-01	1.42E+00	1.63E-01	2.31E-01	3.14E-02	1.29E+00	1.68E-01	6.57E-01	8.39E-02	3.13E-03	3.63E-04	8.19E-10	9.51E-11
1.69E+00	2.19E-01	2.70E+00	4.09E-01	8.32E-01	1.26E-01	1.29E+00	1.55E-01	1.88E-01	2.94E-02	1.06E+00	1.48E-01	5.81E-01	7.29E-02	2.60E-03	3.21E-04	6.78E-10	8.41E-11
1.66E+00	2.01E-01	3.61E+00	4.21E-01	7.92E-01	1.25E-01	1.75E+00	1.62E-01	2.11E-01	3.02E-02	1.07E+00	1.37E-01	5.51E-01	6.56E-02	3.57E-03	3.38E-04	9.33E-10	8.87E-11
1.80E+00	1.93E-01	4.15E+00	4.08E-01	8.20E-01	1.19E-01	2.00E+00	1.60E-01	2.46E-01	2.90E-02	1.16E+00	1.35E-01	5.83E-01	6.06E-02	4.13E-03	3.34E-04	1.08E-09	8.75E-11
1.74E+00	2.04E-01	4.17E+00	4.00E-01	9.56E-01	1.16E-01	1.98E+00	1.62E-01	2.52E-01	2.88E-02	1.11E+00	1.41E-01	5.65E-01	6.29E-02	4.12E-03	3.38E-04	1.08E-09	8.85E-11
1.52E+00	2.24E-01	3.71E+00	3.99E-01	1.10E+00	1.12E-01	1.71E+00	1.66E-01	2.35E-01	2.91E-02	9.67E-01	1.54E-01	5.97E-01	6.82E-02	3.55E-03	3.47E-04	9.28E-10	9.08E-11
1.30E+00	2.48E-01	3.17E+00	4.43E-01	1.22E+00	1.25E-01	1.40E+00	1.64E-01	2.57E-01	2.85E-02	8.83E-01	1.68E-01	5.50E-01	7.41E-02	3.14E-03	3.44E-04	8.22E-10	9.01E-11
1.35E+00	2.68E-01	3.03E+00	4.93E-01	1.26E+00	1.39E-01	1.28E+00	1.84E-01	2.48E-01	2.95E-02	9.28E-01	1.81E-01	5.78E-01	7.90E-02	2.82E-03	3.35E-04	7.37E-10	8.75E-11
1.43E+00	2.95E-01	2.76E+00	5.64E-01	1.29E+00	1.55E-01	1.34E+00	2.16E-01	2.29E-01	3.47E-02	9.72E-01	1.97E-01	5.74E-01	8.53E-02	2.89E-03	3.98E-04	7.54E-10	1.04E-10
1.70E+00	3.26E-01	2.79E+00	6.60E-01	1.30E+00	1.76E-01	1.38E+00	2.58E-01	2.30E-01	4.23E-02	1.16E+00	2.25E-01	5.54E-01	1.02E-01	2.92E-03	4.88E-04	7.62E-10	1.28E-10
1.84E+00	4.15E-01	2.88E+00	6.39E-01	1.20E+00	1.81E-01	1.29E+00	2.57E-01	1.89E-01	4.26E-02	1.23E+00	2.84E-01	6.02E-01	1.31E-01	2.65E-03	4.93E-04	6.93E-10	1.29E-10
1.93E+00	4.74E-01	2.93E+00	6.62E-01	1.20E+00	1.81E-01	1.17E+00	2.31E-01	1.95E-01	3.97E-02	1.28E+00	3.18E-01	6.41E-01	1.49E-01	2.38E-03	4.53E-04	6.21E-10	1.19E-10
1.86E+00	4.80E-01	3.11E+00	6.72E-01	1.08E+00	1.76E-01	1.44E+00	2.39E-01	2.08E-01	4.29E-02	1.23E+00	3.16E-01	6.10E-01	1.48E-01	3.11E-03	4.86E-04	8.16E-10	1.27E-10
1.99E+00	4.13E-01	3.40E+00	6.50E-01	3.00E+00	1.89E-01	1.80E+00	2.45E-01	3.27E-01	4.06E-02	1.39E+00	2.68E-01	6.87E-01	1.20E-01	4.12E-03	5.33E-04	1.08E-09	1.40E-10
2.03E+00	3.80E-01	3.12E+00	6.86E-01	1.94E+00	2.08E-01	1.51E+00	2.60E-01	2.31E-01	4.62E-02	1.46E+00	2.59E-01	5.86E-01	1.20E-01	3.29E-03	4.95E-04	8.64E-10	1.29E-10
2.16E+00	5.48E-01	3.40E+00	7.99E-01	1.68E+00	2.06E-01	1.56E+00	2.98E-01	2.58E-01	4.88E-02	1.45E+00	3.71E-01	6.44E-01	1.77E-01	3.77E-03	5.53E-04	9.87E-10	1.45E-10
2.28E+00	6.68E-01	4.44E+00	9.47E-01	1.35E+00	2.25E-01	2.70E+00	3.48E-01	3.25E-01	5.13E-02	1.53E+00	4.35E-01	7.20E-01	2.06E-01	6.55E-03	5.75E-04	1.71E-09	1.51E-10
3.35E+00	5.17E-01	4.72E+00	8.74E-01	1.66E+00	2.32E-01	1.77E+00	3.60E-01	3.24E-01	5.83E-02	2.23E+00	3.51E-01	1.04E+00	1.67E-01	4.26E-03	6.78E-04	1.12E-09	1.78E-10
5.68E+00	5.01E-01	9.78E+00	7.59E-01	3.37E+00	2.48E-01	3.20E+00	2.79E-01	6.23E-01	4.58E-02	3.72E+00	3.33E-01	1.49E+00	1.53E-01	5.30E-03	4.65E-04	1.39E-09	1.20E-10
4.85E+00	6.42E-01	1.39E+01	1.08E+00	3.92E+00	2.95E-01	5.84E+00	4.40E-01	1.02E+00	7.58E-02	3.11E+00	4.33E-01	1.10E+00	2.17E-01	1.21E-02	8.95E-04	3.18E-09	2.34E-10
4.03E+00	8.44E-01	5.85E+00	1.01E+00	1.55E+00	2.93E-01	2.35E+00	3.23E-01	3.50E-01	5.15E-02	2.63E+00	5.71E-01	1.23E+00	2.70E-01	5.16E-03	4.73E-04	1.35E-09	1.24E-10
5.13E+00	5.83E-01	6.62E+00	9.52E-01	2.09E+00	2.87E-01	2.66E+00	3.38E-01	3.88E-01	5.88E-02	3.18E+00	4.14E-01	1.79E+00	1.84E-01	5.32E-03	6.38E-04	1.40E-09	1.67E-10
4.73E+00	5.96E-01	8.80E+00	8.18E-01	2.62E+00	2.16E-01	3.36E+00	3.12E-01	5.99E-01	5.00E-02	3.08E+00	3.87E-01	1.51E+00	2.07E-01	6.53E-03	6.32E-04	1.69E-09	1.66E-10
5.21E+00	7.30E-01	8.86E+00	9.25E-01	2.08E+00	2.31E-01	3.74E+00	3.15E-01	5.90E-01	4.90E-02	3.00E+00	4.67E-01	1.72E+00	2.59E-01	7.56E-03	5.78E-04	1.97E-09	1.51E-10
4.92E+00	5.48E-01	6.78E+00	8.32E-01	1.58E+00	2.23E-01	2.88E+00	2.86E-01	4.57E-01	4.74E-02	3.21E+00	3.87E-01	1.52E+00	1.87E-01	5.89E-03	4.76E-04	1.54E-09	1.25E-10
4.93E+00	5.50E-01	8.10E+00	8.58E-01	2.64E+00	2.21E-01	3.57E+00	3.17E-01	6.26E-01	5.14E-02	3.10E+00	3.62E-01	1.57E+00	1.80E-01	8.00E-03	5.61E-04	2.10E-09	1.47E-10
4.59E+00	4.82E-01	8.43E+00	1.05E+00	2.26E+00	2.68E-01	3.39E+00	4.07E-01	5.72E-01	6.75E-02	3.08E+00	3.21E-01	1.33E+00	1.31E-01	6.85E-03	7.86E-04	1.76E-09	2.06E-10
3.29E+00	5.33E-01	6.40E+00	8.61E-01	2.02E+00	2.60E-01	2.43E+00	2.87E-01	4.53E-01	5.10E-02	2.33E+00	3.57E-01	1.01E+00	1.53E-01	4.89E-03	4.69E-04	1.26E-09	1.23E-10
2.72E+00	5.71E-01	5.16E+00	1.10E+00	1.83E+00	2.93E-01	1.93E+00	4.07E-01	3.53E-01	6.93E-02	1.80E+00	3.82E-01	7.95E-01	1.62E-01	3.92E-03	7.69E-04	1.03E-09	2.02E-10
3.04E+00	6.53E-01	6.33E+00	1.25E+00	1.82E+00	3.34E-01	2.58E+00	4.15E-01	4.58E-01	7.21E-02	2.06E+00	4.30E-01	8.77E-01	1.78E-01	5.65E-03	7.39E-04	1.47E-09	1.94E-10
2.71E+00	6.50E-01	5.85E+00	1.42E+00	2.29E+00	3.68E-01	2.57E+00	4.92E-01	4.18E-01	8.67E-02	1.89E+00	4.40E-01	8.74E-01	1.99E-01	5.59E-03	9.60E-04	1.44E-09	2.52E-10
3.26E+00	7.97E-01	6.58E+00	1.29E+00	2.31E+00	3.61E-01	2.19E+00	4.63E-01	4.39E-01	7.92E-02	2.33E+00	5.39E-01	8.76E-01	2.41E-01	4.09E-03	8.19E-04	1.05E-09	2.15E-10
3.21E+00	7.94E-01	5.81E+00	1.60E+00	1.66E+00	4.47E-01	1.84E+00	5.26E-01	3.28E-01	9.53E-02	2.32E+00	5.41E-01	9.48E-01	2.44E-01	3.79E-03	9.62E-04	9.80E-10	2.52E-10
2.74E+00	6.67E-01	4.24E+00	1.36E+00	1.24E+00	3.42E-01	1.48E+00	4.99E-01	2.63E-01	8.74E-02	1.93E+00	4.51E-01	8.67E-01	1.92E-01	3.09E-03	1.03E-03	7.95E-10	2.70E-10
2.87E+00	6.60E-01	3.56E+00	1.29E+00	1.41E+00	3.50E-01	1.23E+00	4.12E-01	2.03E-01	7.36E-02	1.96E+00	4.49E-01	8.56E-01	1.80E-01	2.43E-03	7.34E-04	6.33E-10	1.93E-10
2.60E+00	5.82E-01	3.92E+00	1.20E+00	1.21E+00	3.14E-01	1.34E+00	4.08E-01	2.33E-01	7.26E-02	1.84E+00	4.00E-01	7.99E-01	1.87E-01	2.87E-03	7.91E-04	7.41E-10	2.07E-10
2.15E+00	6.15E-01	3.20E+00	8.38E-01	9.56E-01	2.13E-01	1.32E+00	2.67E-01	2.23E-01	4.45E-02	1.45E+00	4.21E-01	6.57E-01	1.96E-01	2.89E-03	5.19E-04	7.36E-10	1.36E-10
1.66E+00	5.83E-01	2.90E+00	8.04E-01	7.25E-01	2.04E-01	1.23E+00	2.52E-01	2.04E-01	3.96E-02	1.16E+00	3.98E-01	6.29E-01	1.83E-01	2.81E-03	3.90E-04	7.32E-10	1.02E-10
1.56E+00	4.82E-01	3.20E+00	6.83E-01	7.64E-01	1.79E-01	1.53E+00	2.11E-01	2.53E-01	3.43E-02	1.06E+00	3.28E-01	4.95E-01	1.48E-01	3.50E-03	3.07E-04	9.13E-10	8.03E-11
1.18E+00	3.67E-01	3.35E+00	5.53E-01	8.38E-01	1.56E-01	1.59E+00	1.71E-01	2.67E-01	2.95E-02	8.18E-01	2.49E-01	4.38E-01	1.09E-01	3.62E-03	2.61E-04	9.43E-10	6.82E-11
1.38E+00	2.98E-01	3.08E+00	4.91E-01	8.18E-01	1.50E-01	1.43E+00	1.55E-01	2.47E-01	2.84E-02	9.29E-01	2.02E-01	5.18E-01	8.45E-02	3.25E-03	2.49E-04	8.47E-10	6.51E-11
1.52E+00	3.26E-01	2.67E+00	4.38E-01	7.72E-01	1.44E-01	1.16E+00	1.43E-01	2.05E-01	2.75E-02	1.04E+00	2.25E-01	5.31E-01	1.11E-01	2.64E-03	2.45E-04	6.85E-10	6.41E-11
1.84E+00	4.00E-01	3.19E+00	5.14E-01	8.60E-01	1.31E-01	1.27E+00	1.61E-01	2.03E-01	2.59E-02	1.23E+00	2.74E-01	6.15E-01	1.31E-01	3.07E-03	2.62E-04	8.03E-10	6.78E-11
1.99E+00	4.41E-01	2.86E+00	6.20E-01	8.44E-01	1.38E-01	1.32E+00	1.87E-01	1.90E-01	2.79E-02	1.33E+00	3.00E-01	6.64E-01	1.38E-01	3.05E-03	3.05E-04	7.96E-10	7.91E-11
2.77E+00	4.15E-01	3.74E+00	6.91E-01	9.37E-01	1.71E-01	1.28E+00	2.12E-01	1.94E-01	3.52E-02	1.86E+00	2.86E-01	8.75E-01	1.23E-01	1.90E-03	3.49E-04	4.97E-10	9.08E-11
3.11E+00	4.06E-01	4.31E+00	9.05E-01	1.20E+00	2.53E-01	1.35E+00	3.13E-01	2.26E-01	5.65E-02	2.09E+00	2.83E-01	9.99E-01	1.08E-01	2.23E-03	5.98E-04	5.84E-10	1.56E-10
3.47E+00	3.94E-01	4.69E+00	1.14E+00	1.57E+00	3.23E-01	1.77E+00	4.44E-01	3.36E-01	8.00E-02	2.33E+00	2.73E-01	1.03E+00	1.10E-01	3.61E-03	9.20E-04	9.45E-10	2.41E-10
2.63E+00	2.81E-01	3.63E+00	7.55E-01	1.69E+00	2.12E-01	1.32E+00	3.03E-01	2.49E-01	5.42E-02	1.86E+00	1.94E-01	7.70E-01	8.33E-02	3.03E-03	6.39E-04	7.94E-10	1.67E-10
2.29E+00	2.60E-01	3.42E+00	5.81E-01	1.67E+00	1.82E-01	1.46E+00	2.42E-01	2.48E-01	4.26E-02	1.61E+00	1.81E-01	6.69E-01	7.23E-02	3.41E-03	5.18E-04	8.92E-10	1.35E-10
2.27E+00	3.77E-01	3.60E+00	6.92E-01	1.27E+00	2.30E-01	1.30E+00	2.81E-01	2.58E-01	5.34E-02	1.48E+00	2.55E-01	7.70E-01	1.23E-01	3.02E-03	5.80E-04	7.90E-10	1.52E-10

Scenario 1 Results

2.26E+00	3.58E-01	3.50E+00	6.32E-01	1.17E+00	2.07E-01	1.23E+00	2.59E-01	2.24E-01	4.88E-02	1.58E+00	2.37E-01	8.10E-01	1.24E-01	2.60E-03	5.36E-04	6.80E-10	1.41E-10
2.44E+00	3.70E-01	3.83E+00	6.43E-01	1.29E+00	2.07E-01	1.36E+00	2.68E-01	2.42E-01	5.00E-02	1.73E+00	2.34E-01	8.76E-01	1.27E-01	2.46E-03	5.59E-04	6.45E-10	1.47E-10
2.43E+00	3.72E-01	3.72E+00	5.35E-01	1.19E+00	1.70E-01	1.28E+00	2.25E-01	2.35E-01	4.16E-02	1.76E+00	2.34E-01	8.75E-01	1.27E-01	2.59E-03	4.69E-04	6.77E-10	1.23E-10
2.07E+00	3.30E-01	2.99E+00	3.69E-01	8.68E-01	1.16E-01	1.25E+00	1.55E-01	1.91E-01	2.85E-02	1.54E+00	2.08E-01	7.49E-01	1.11E-01	2.68E-03	3.24E-04	6.97E-10	8.48E-11
1.83E+00	3.00E-01	2.72E+00	3.89E-01	6.93E-01	1.04E-01	1.36E+00	1.36E-01	1.83E-01	2.23E-02	1.31E+00	1.89E-01	6.43E-01	9.99E-02	2.99E-03	2.55E-04	7.80E-10	6.69E-11
1.85E+00	2.72E-01	2.92E+00	4.19E-01	7.23E-01	1.14E-01	1.46E+00	1.49E-01	1.99E-01	2.48E-02	1.18E+00	1.75E-01	6.45E-01	8.92E-02	3.29E-03	2.61E-04	8.57E-10	6.85E-11
1.68E+00	2.51E-01	3.16E+00	4.46E-01	8.31E-01	1.25E-01	1.59E+00	1.62E-01	2.39E-01	2.74E-02	1.11E+00	1.73E-01	5.78E-01	8.17E-02	3.48E-03	2.89E-04	9.08E-10	7.58E-11
1.63E+00	2.49E-01	3.41E+00	4.62E-01	1.01E+00	1.31E-01	1.57E+00	1.71E-01	2.76E-01	2.92E-02	1.08E+00	1.72E-01	5.39E-01	7.48E-02	3.63E-03	3.08E-04	9.48E-10	8.05E-11
1.47E+00	2.45E-01	3.38E+00	4.62E-01	1.08E+00	1.29E-01	1.63E+00	1.73E-01	2.76E-01	2.93E-02	9.99E-01	1.69E-01	5.17E-01	7.93E-02	3.78E-03	3.14E-04	9.86E-10	8.23E-11
1.56E+00	2.81E-01	3.62E+00	4.78E-01	1.10E+00	1.32E-01	1.74E+00	1.80E-01	2.57E-01	3.03E-02	1.05E+00	1.92E-01	5.30E-01	9.03E-02	4.05E-03	3.29E-04	1.06E-09	8.60E-11
2.33E+00	3.40E-01	4.08E+00	5.21E-01	1.30E+00	1.52E-01	1.95E+00	1.97E-01	2.71E-01	3.44E-02	1.48E+00	2.32E-01	8.46E-01	1.08E-01	4.54E-03	3.67E-04	1.19E-09	9.61E-11
2.11E+00	3.68E-01	4.33E+00	6.02E-01	1.39E+00	1.76E-01	2.03E+00	2.16E-01	2.87E-01	3.92E-02	1.35E+00	2.47E-01	7.69E-01	1.15E-01	4.75E-03	4.12E-04	1.24E-09	1.08E-10
1.85E+00	3.88E-01	4.46E+00	6.87E-01	1.27E+00	2.01E-01	2.05E+00	2.45E-01	2.96E-01	4.40E-02	1.45E+00	2.60E-01	9.04E-01	1.20E-01	4.78E-03	4.56E-04	1.25E-09	1.19E-10
2.90E+00	4.36E-01	4.28E+00	7.30E-01	1.01E+00	2.15E-01	1.90E+00	2.60E-01	2.86E-01	4.62E-02	2.43E+00	3.13E-01	1.50E+00	1.45E-01	4.40E-03	4.69E-04	1.15E-09	1.23E-10
3.52E+00	5.87E-01	3.83E+00	7.81E-01	1.12E+00	2.21E-01	1.60E+00	2.68E-01	2.61E-01	4.70E-02	3.33E+00	4.05E-01	2.00E+00	1.93E-01	3.65E-03	4.70E-04	9.56E-10	1.23E-10
3.56E+00	6.80E-01	3.75E+00	8.38E-01	3.30E+00	2.07E-01	1.78E+00	2.97E-01	3.60E-01	4.83E-02	3.11E+00	4.49E-01	1.84E+00	2.20E-01	3.90E-03	5.30E-04	1.02E-09	1.39E-10
2.50E+00	5.92E-01	3.21E+00	8.07E-01	2.03E+00	2.23E-01	1.35E+00	3.10E-01	2.51E-01	5.34E-02	1.57E+00	3.77E-01	8.75E-01	1.82E-01	2.85E-03	5.99E-04	7.41E-10	1.57E-10
2.83E+00	5.06E-01	3.88E+00	9.84E-01	1.24E+00	2.66E-01	1.78E+00	3.66E-01	2.63E-01	6.22E-02	1.84E+00	3.41E-01	8.64E-01	1.65E-01	4.30E-03	6.84E-04	1.13E-09	1.79E-10
3.30E+00	7.60E-01	4.68E+00	1.15E+00	1.05E+00	2.96E-01	2.84E+00	4.24E-01	3.42E-01	6.90E-02	2.13E+00	5.19E-01	9.96E-01	2.49E-01	6.88E-03	7.57E-04	1.80E-09	1.98E-10
3.21E+00	7.72E-01	4.72E+00	1.12E+00	1.35E+00	2.77E-01	2.05E+00	4.43E-01	2.68E-01	6.58E-02	2.07E+00	4.94E-01	9.32E-01	2.36E-01	4.93E-03	7.30E-04	1.29E-09	1.91E-10
7.36E+00	6.38E-01	8.17E+00	8.19E-01	2.36E+00	2.05E-01	2.20E+00	3.00E-01	3.58E-01	4.94E-02	4.79E+00	4.18E-01	2.23E+00	2.03E-01	3.15E-03	5.67E-04	8.27E-10	1.49E-10
6.99E+00	7.34E-01	1.49E+01	1.13E+00	4.56E+00	3.17E-01	5.69E+00	4.28E-01	1.02E+00	7.32E-02	4.47E+00	4.99E-01	1.75E+00	2.53E-01	1.08E-02	7.94E-04	2.83E-09	2.08E-10
4.99E+00	1.00E+00	6.29E+00	1.15E+00	1.97E+00	3.47E-01	2.58E+00	3.78E-01	4.22E-01	6.04E-02	3.34E+00	6.79E-01	1.78E+00	3.26E-01	5.10E-03	5.68E-04	1.34E-09	1.49E-10
7.74E+00	6.03E-01	1.04E+01	9.30E-01	2.59E+00	2.65E-01	3.81E+00	3.66E-01	5.47E-01	5.50E-02	5.09E+00	4.13E-01	2.45E+00	1.90E-01	5.83E-03	6.50E-04	1.53E-09	1.71E-10
5.55E+00	6.97E-01	1.30E+01	1.05E+00	3.06E+00	2.60E-01	5.43E+00	4.21E-01	8.61E-01	6.55E-02	3.67E+00	4.70E-01	1.93E+00	2.28E-01	1.09E-02	7.62E-04	2.84E-09	2.00E-10
4.83E+00	6.29E-01	8.31E+00	7.87E-01	1.85E+00	2.10E-01	3.59E+00	2.98E-01	5.55E-01	4.67E-02	3.26E+00	4.33E-01	1.54E+00	2.12E-01	7.33E-03	5.93E-04	1.92E-09	1.55E-10
4.72E+00	7.21E-01	1.05E+01	1.17E+00	2.92E+00	3.17E-01	4.30E+00	4.06E-01	6.91E-01	6.73E-02	3.44E+00	4.85E-01	2.02E+00	2.15E-01	8.54E-03	6.75E-04	2.21E-09	1.77E-10
4.24E+00	6.49E-01	8.30E+00	9.03E-01	2.40E+00	2.81E-01	3.27E+00	3.46E-01	5.80E-01	5.32E-02	2.98E+00	4.34E-01	1.44E+00	1.94E-01	6.66E-03	7.21E-04	1.72E-09	1.89E-10
3.29E+00	8.49E-01	6.36E+00	1.54E+00	2.08E+00	4.24E-01	2.27E+00	5.45E-01	4.11E-01	9.23E-02	2.25E+00	5.69E-01	1.05E+00	2.44E-01	4.71E-03	1.01E-03	1.24E-09	2.66E-10
4.06E+00	8.63E-01	7.57E+00	1.77E+00	2.19E+00	4.85E-01	3.02E+00	5.85E-01	5.14E-01	1.05E-01	2.74E+00	5.73E-01	1.14E+00	2.24E-01	6.42E-03	1.07E-03	1.68E-09	2.81E-10
3.91E+00	9.06E-01	8.05E+00	1.44E+00	2.96E+00	4.19E-01	2.78E+00	5.10E-01	5.66E-01	8.85E-02	2.70E+00	6.17E-01	1.06E+00	2.77E-01	5.86E-03	1.01E-03	1.52E-09	2.66E-10
4.17E+00	9.04E-01	8.55E+00	1.74E+00	2.68E+00	4.90E-01	2.96E+00	5.82E-01	5.52E-01	1.02E-01	2.94E+00	6.18E-01	1.14E+00	2.79E-01	5.48E-03	1.10E-03	1.42E-09	2.90E-10
3.59E+00	7.08E-01	6.47E+00	1.26E+00	1.73E+00	3.28E-01	2.13E+00	4.58E-01	3.64E-01	7.99E-02	2.54E+00	4.79E-01	1.06E+00	2.05E-01	3.82E-03	9.44E-04	9.95E-10	2.48E-10
2.82E+00	6.10E-01	4.22E+00	1.26E+00	1.26E+00	3.35E-01	1.56E+00	4.01E-01	2.63E-01	7.19E-02	1.95E+00	4.17E-01	8.79E-01	1.93E-01	3.07E-03	7.31E-04	7.87E-10	1.92E-10
2.42E+00	7.35E-01	4.26E+00	9.69E-01	1.10E+00	2.50E-01	1.69E+00	3.29E-01	2.86E-01	5.80E-02	1.59E+00	5.03E-01	7.45E-01	2.36E-01	3.58E-03	6.57E-04	9.35E-10	1.72E-10
2.38E+00	7.74E-01	3.98E+00	1.07E+00	9.54E-01	2.78E-01	1.66E+00	3.34E-01	2.78E-01	5.34E-02	1.64E+00	5.30E-01	8.47E-01	2.43E-01	3.59E-03	5.02E-04	9.36E-10	1.32E-10
2.33E+00	7.30E-01	3.74E+00	1.09E+00	1.23E+00	3.01E-01	1.46E+00	3.28E-01	2.43E-01	5.63E-02	1.63E+00	5.01E-01	7.51E-01	2.19E-01	3.19E-03	4.89E-04	8.29E-10	1.28E-10
2.26E+00	5.68E-01	3.69E+00	9.50E-01	1.09E+00	2.89E-01	1.70E+00	2.85E-01	2.96E-01	5.33E-02	1.65E+00	3.90E-01	9.33E-01	1.60E-01	3.85E-03	4.54E-04	1.00E-09	1.19E-10
1.88E+00	3.42E-01	3.96E+00	6.37E-01	1.12E+00	2.07E-01	1.80E+00	2.01E-01	3.19E-01	3.94E-02	1.38E+00	2.40E-01	7.44E-01	1.19E-01	4.06E-03	3.46E-04	1.06E-09	9.07E-11
1.45E+00	3.24E-01	3.66E+00	4.71E-01	1.12E+00	1.57E-01	1.61E+00	1.60E-01	2.98E-01	3.15E-02	1.06E+00	2.29E-01	5.30E-01	1.08E-01	3.61E-03	2.95E-04	9.42E-10	7.72E-11
1.23E+00	2.84E-01	2.97E+00	4.45E-01	9.94E-01	1.19E-01	1.26E+00	1.43E-01	2.44E-01	2.53E-02	8.42E-01	2.01E-01	4.20E-01	9.01E-02	2.79E-03	2.56E-04	7.27E-10	6.71E-11
1.25E+00	2.60E-01	2.22E+00	4.55E-01	7.93E-01	1.13E-01	9.09E-01	1.45E-01	1.83E-01	2.41E-02	8.68E-01	1.84E-01	4.08E-01	7.90E-02	1.99E-03	2.54E-04	5.18E-10	6.65E-11
1.40E+00	2.38E-01	2.33E+00	4.55E-01	6.44E-01	1.12E-01	9.28E-01	1.45E-01	1.57E-01	2.45E-02	9.23E-01	1.68E-01	4.57E-01	6.99E-02	1.84E-03	2.58E-04	4.72E-10	6.72E-11
2.18E+00	2.02E-01	2.51E+00	4.12E-01	6.79E-01	9.95E-02	9.99E-01	1.31E-01	1.67E-01	2.24E-02	1.44E+00	1.43E-01	7.08E-01	5.83E-02	1.99E-03	2.41E-04	5.07E-10	6.29E-11
2.89E+00	2.72E-01	3.23E+00	3.72E-01	8.22E-01	8.84E-02	1.05E+00	1.16E-01	1.72E-01	2.00E-02	1.95E+00	1.80E-01	9.43E-01	8.18E-02	2.08E-03	2.22E-04	5.32E-10	5.78E-11
3.77E+00	3.10E-01	4.51E+00	4.85E-01	1.22E+00	1.38E-01	1.35E+00	1.36E-01	2.11E-01	2.40E-02	2.46E+00	2.11E-01	1.16E+00	8.87E-02	2.08E-03	2.39E-04	5.32E-10	6.12E-11
4.05E+00	3.34E-01	5.48E+00	6.81E-01	2.36E+00	2.38E-01	1.55E+00	2.07E-01	3.30E-01	4.35E-02	2.79E+00	2.34E-01	1.13E+00	9.07E-02	3.58E-03	3.64E-04	9.38E-10	9.52E-11
2.78E+00	3.14E-01	5.52E+00	6.97E-01	2.46E+00	2.48E-01	2.01E+00	2.43E-01	4.04E-01	4.98E-02	2.09E+00	2.09E-01	7.09E-01	9.17E-02	4.15E-03	4.68E-04	1.09E-09	1.22E-10
1.90E+00	2.68E-01	4.46E+00	5.39E-01	1.81E+00	1.87E-01	1.70E+00	2.01E-01	3.28E-01	3.98E-02	1.36E+00	1.79E-01	5.84E-01	7.83E-02	3.36E-03	4.00E-04	8.79E-10	1.05E-10
1.54E+00	2.31E-01	3.71E+00	4.12E-01	1.47E+00	1.37E-01	1.40E+00	1.61E-01	2.80E-01	3.09E-02	1.01E+00	1.55E-01	5.31E-01	6.77E-02	2.89E-03	3.29E-04	7.56E-10	8.59E-11
3.06E+00	6.19E-01	2.83E+00	4.77E-01	1.16E+00	1.30E-01	1.05E+00	1.78E-01	2.15E-01	3.03E-02	1.93E+00	3.99E-01	1.06E+00	2.17E-01	2.34E-03	3.32E-04	6.13E-10	8.69E-11
3.11E+00	6.24E-01	2.79E+00	4.83E-01	1.10E+00	1.25E-01	1.02E+00	1.68E-01	2.10E-01	2.85E-02	1.97E+00	4.03E-01	1.08E+00	2.19E-01	2.28E-03	3.08E-04	5.96E-10	8.06E-11
3.22E+00	6.37E-01	2.85E+00	4.98E-01	1.07E+00	1.30E-01	1.05E+00	1.67E-01	2.13E-01	2.79E-02	2.04E+00	4.12E-01	1.12E+00	2.23E-01	2.37E-03	3.01E-04	6.18E-10	7.88E-11
3.23E+00	6.34E-01	2.79E+00	5.04E-01	9.93E-01	1.34E-01	1.13E+00	1.71E-01	2.08E-01	2.79E-02	2.05E+00	4.11E-01	1.12E+00	2.22E-01	2.75E-03	3.01E-04	7.17E-10	7.85E-11
2.94E+00	5.75E-01	2.37E+00	4.69E-01	7.94E-01	1.20E-01	1.07E+00	1.55E-01	1.74E-01	2.52E-02	1.86E+00	3.73E-01	1.02E+00	2.01E-01	2.59E-03	2.62E-04	6.76E-10	6.84E-11
2.76E+00	5.49E-01	2.53E+00	4.64E-01	6.93E-01	1.19E-01	9.10E-01	1.56E-01	1.60E-01	2.55E-02	1.74E+00	3.56E-01	9.55E-01	1.90E-01	2.06E-03	2.56E-04	5.38E-10	6.70E-11
2.57E+00	5.17E-01	2.81E+00	4.59E-01	7.13E-01	1.19E-01	1.13E+00	1.56E-01	1.72E-01	2.57E-02	1.67E+00	3.36E-01	8.60E-01	1.78E-01	2.26E-03	2.62E-04	5.91E-10	6.88E-11
2.59E+00	4.52E-01	3.18E+00	4.31E-01	7.06E-01	1.07E-01	1.45E+00	1.50E-01	2.03E-01	2.35E-02	1.67E+00	2.95E-01	8.70E-01	1.54E-01	2.91E-03	2.43E-04	7.62E-10	6.37E-11
2.17E+00	3.78E-01	3.22E+00	3.73E-01	7.26E-01	8.33E-02	1.53E+00	1.26E-01	1.96E-01	1.86E-02	1.56E+00	2.42E-01	8.39E-01	1.35E-01	3.13E-03	1.99E-04	8.16E-10	5.20E-11
1.96E+00	3.57E-01	2.64E+00	3.81E-01	7.46E-01	8.77E-02	1.33E+00	1.31E-01	1.84E-01	1.92E-02	1.40E+00	2.23E-01	7.56E-01	1.25E-01	2.77E-03	2.01E-04	7.24E-10	5.25E-11
2.12E+00	3.75E-01	2.42E+00	4.14E-01	7.20E-01	9.85E-02	1.29E+00	1.43E-01	1.84E-01	2.15E-02	1.42E+00	2.31E-01	7.28E-01	1.29E-01	2.73E-03	2.26E-04	7.15E-10	5.91E-11
2.19E+00	3.52E-01	2.29E+00	4.39E-01	6.52E-01	1.07E-01	1.18E+00	1.54E-01	1.82E-01	2.35E-02	1.44E+00	2.15E-01	7.44E-01	1.20E-01	2.59E-03	2.60E-04	6.77E-10	6.82E-11
2.75E+00	3.18E-01	2.26E+00	4.70E-01	6.90E-01	1.22E-01	1.07E+00	1.67E-01	1.79E-01	2.86E-02	1.87E+00	2.14E-01	1.04E+00	1.07E-01	2.38E-03	3.14E-04	6.23E-10	8.22E-11
3.58E+00	3.53E-01	2.62E+00	5.45E-01	8.08E-01	1.62E-01	1.03E+00	1.99E-01	1.75E-01	3.65E-02	2.45E+00	2.42E-01	1.36E+00	1.12E-01	2.24E-03	3.89E-04	5.86E-10	1.02E-10
4.15E+00	3.75E-01	2.91E+00	6.58E-01	9.11E-01	1.98E-01	1.19E+00	2.35E-01	1.94E-01	4.37E-02	2.87E+00	2.59E-01	1.58E+00	1.20E-01	2.21E-03	4.54E-04	5.73E-10	1.19E-10
5.18E+00	4.27E-01	3.32E+00	8.15E-01	1.02E+00	2.45E-01	1.41E+00	2.87E-01	2.34E-01	5.31E-02	3.47E+00	2.88E-01	1.94E+00	1.34E-01	2.66E-03	5.45E-04	6.89E-10	1.43E-10
5.77E+00	4.82E-01	3.91E+00	9.83E-01	1.22E+00	2.87E-01	1.53E+00	3.48E-01	2.90E-01	6.26E-02	3.55E+00	3.38E-01	1.94E+00	1.58E-01	3.27E-03	6.45E-04	8.48E-10	1.69E-10
5.93E+00	6.34E-01	4.48E+00	1.01E+00	2.03E+00	2.91E-01	1.90E+00	3.55E-01	3.52E-01	6.16E-02	5.15E+00	4.63E-01	2.99E+00	2.16E-01	4.13E-03	6.14E-04	1.08E-09	1.61E-10
3.79E+00	9.05E-01	5.21E+00	1.06E+00	2.23E+00	2.57E-01	2.22E+00	3.77E-01	4.02E-01	5.87E-02	3.17E+00	6.04E-01	1.69E+00	3.00E-01	4.65E-03	6.44E-04	1.21E-09	1.68E-10
3.70E+00	8.74E-01	5.55E+00	1.12E+00	1.85E+00	3.16E-01	2.38E+00	4.17E-01	4.16E-01	7.24E-02	2.23E+00	5.47E-01	1.26E+00	2.79E-01	4.91E-03	7.81E-04	1.28E-09	2.04E-10
3.99E+00	7.32E-01	4.96E+00	1.43E+00	1.40E+00	3.90E-01	2.28E+00	5.09E-01	3.59E-01	8.76E-02	2.50E+00	5.12E-01	1.39E+00	2.19E-01	5.50E-03	9.29E-04	1.44E-09	2.44E-10
4.15E+00	9.05E-01	4.10E+00	1.40E+00	1.34E+00	3.68E-01	1.51E+00	4.90E-01	2.74E-01	7.93E-02	2.58E+00	6.31E-01	1.37E+00	2.89E-01	3.64E-03	8.07E-04	9.55E-10	2.12E-10
4.48E+00	7.76E-01	4.26E+00	1.39E+00	1.36E+00	4.11E-01	1.49E+00	4.91E-01	2.83E-01	8.64E-02	3.74E+00	5.24E-01	1.92E+00	2.21E-01	3.06E-03	8.56E-04	8.03E-10	2.24E-10
9.86E+00	1.01E+00	1.15E+01	1.60E+00	2.84E+00	3.91E-01	5.06E+00	6.22E-01	6.73E-01	9.44E-02	5.94E+00	6.51E-01	3.16E+00	3.04E-01	7.81E-03	1.06E-03	2.05E-09	2.79E-10
7.93E+00	8.49E-01	1.18E+01	1.03E+00	3.06E+00	2.62E-01	4.07E+00	3.51E-01	6.45E-01	5.16E-02	5.40E+00	6.04E-01	2.46E+00	2.96E-01	6.85E-03	6.31E-04	1.79E-09	1.66E-10
9.00E+00	9.17E-01	1.62E+01	1.50E+00	4.01E+00	3.86E-01	6.62E+00	5.76E-01	1.08E+00	9.07E-02	5.79E+00	6.16E-01	3.29E+00	2.82E-01	1.33E-02	9.96E-04	3.48E-09	2.61E-10
6.07E+00	6.30E-01	9.73E+00	8.07E-01	2.82E+00	2.29E-01	3.75E+00	3.36E-01	6.52E-01	4.99E-02	4.23E+00	4.35E-01	2.24E+00	2.04E-01	7.73E-03	6.54E-04	2.03E-09	1.71E-10
4.69E+00	5.80E-01	1.18E+01	1.29E+00	2.92E+00	2.75E-01	4.86E+00	5.19E-01	7.98E-01	7.97E-02	4.38E+00	4.51E-01	2.52E+00	2.15E-01	9.91E-03	1.02E-03	2.58E-09	2.68E-10
4.22E+00	1.09E+00	7.67E+00	1.80E+00	2.65E+00	4.54E-01	2.98E+00	6.35E-01	5.07E-01	1.05E-01	2.88E+00	7.27E-01	1.37E+00	3.27E-01	6.26E-03	1.14E-03	1.64E-09	2.99E-10
5.96E+00	1.29E+00	1.16E+01	2.42E+00	3.24E+00	6.23E-01	4.30E+00	7.98E-01	7.35E-01	1.42E-01	3.99E+00	8.68E-01	1.69E+00	4.09E-01	7.90E-03	1.53E-03	2.07E-09	4.01E-10
5.81E+00	1.29E+00	1.20E+01	2.38E+00	3.98E+00	6.80E-01	4.26E+00	8.10E-01	8.15E-01	1.41E-01	4.00E+00	8.83E-01	1.53E+00	3.95E-01	7.87E-03	1.53E-03	2.05E-09	4.02E-10
5.15E+00	9.18E-01	1.05E+01	1.63E+00	3.03E+00	4.50E-01	3.70E+00	5.56E-01	6.60E-01	9.40E-02	3.59E+00	6.19E-01	1.43E+00	2.56E-01	6.87E-03	1.15E-03	1.79E-09	3.01E-10
3.67E+00	8.95E-01	6.48E+00	1.30E+00	1.64E+00	3.29E-01	2.37E+00	4.22E-01	3.88E-01	7.50E-02	2.51E+00	6.09E-01	1.08E+00	2.90E-01	4.99E-03	8.10E-04	1.29E-09	2.13E-10
2.50E+00	8.07E-01	5.20E+00	1.13E+00	1.34E+00	2.96E-01	2.17E+00	3.61E-01	3.62E-01	5.79E-02	1.63E+00	5.52E-01	8.35E-01	2.53E-01	4.63E-03	5.37E-04	1.21E-09	1.41E-10
2.42E+00	6.63E-01	4.85E+00	1.06E+00	1.29E+00	2.96E-01	1.91E+00	3.22E-01	3.21E-01	5.66E-02	1.50E+00	4.55E-01	8.94E-01	1.95E-01	4.05E-03	5.05E-04	1.06E-09	1.32E-10
2.71E+00	5.08E-01	4.87E+00	9.55E-01	1.26E+00	2.97E-01	1.95E+00	2.91E-01	3.27E-01	5.63E-02	1.87E+00	3.50E-01	1.05E+00	1.40E-01	3.92E-03	4.97E-04	1.02E-09	1.30E-10
2.37E+00	5.13E-01	4.36E+00	7.49E-01	1.25E+00	2.43E-01	1.93E+00	2.49E-01	3.46E-01	4.92E-02	1.65E+00	3.62E-01	8.94E-01	1.75E-01	4.31E-03	4.67E-04	1.13E-09	1.22E-10
2.72E+00	4.49E-01	4.55E+00	7.05E-01	1.36E+00	1.83E-01	2.00E+00	2.21E-01	3.65E-01	3.99E-02	1.73E+00	3.21E-01	8.49E-01	1.42E-01	4.46E-03	4.12E-04	1.16E-09	1.08E-10
1.76E+00	3.20E-01	4.23E+00	6.23E-01	1.36E+00	1.63E-01	1.80E+00	2.03E-01	3.42E-01	3.66E-02	1.20E+00	2.31E-01	5.59E-01	9.38E-02	3.99E-03	3.89E-04	1.04E-09	1.02E-10
1.70E+00	2.24E-01	3.53E+00	5.18E-01	1.25E+00	1.40E-01	1.44E+00	1.86E-01	2.88E-01	3.29E-02	1.10E+00	1.62E-01	5.77E-01	7.06E-02	3.13E-03	3.63E-04	8.16E-10	9.51E-11
1.59E+00	2.06E-01	3.04E+00	4.17E-01	9.99E-01	1.17E-01	1.22E+00	1.60E-01	2.12E-01	2.82E-02	1.08E+00	1.41E-01	5.48E-01	6.39E-02	2.40E-03	3.19E-04	6.23E-10	8.34E-11
1.45E+00	1.98E-01	3.07E+00	3.58E-01	8.11E-01	9.45E-02	1.23E+00	1.32E-01	2.05E-01	2.32E-02	9.68E-01	1.35E-01	5.04E-01	5.90E-02	2.46E-03	2.65E-04	6.33E-10	6.93E-11
1.74E+00	2.03E-01	3.04E+00	3.68E-01	7.88E-01	9.24E-02	1.22E+00	1.33E-01	2.01E-01	2.14E-02	1.18E+00	1.38E-01	5.99E-01	6.03E-02	2.44E-03	2.42E-04	6.26E-10	6.21E-11
2.26E+00	2.29E-01	2.98E+00	4.00E-01	7.64E-01	9.74E-02	1.19E+00	1.40E-01	1.95E-01	2.24E-02	1.55E+00	1.54E-01	7.56E-01	6.78E-02	2.39E-03	2.53E-04	6.10E-10	6.49E-11
2.92E+00	2.50E-01	3.38E+00	4.19E-01	8.93E-01	1.13E-01	1.15E+00	1.44E-01	1.87E-01	2.28E-02	1.93E+00	1.72E-01	9.25E-01	7.37E-02	2.30E-03	2.58E-04	5.88E-10	6.60E-11

Scenario 1 Results

4.35E+00	3.18E-01	5.43E+00	4.64E-01	1.76E+00	1.38E-01	1.53E+00	1.50E-01	2.78E-01	2.48E-02	2.87E+00	2.15E-01	1.29E+00	9.65E-02	2.19E-03	2.66E-04	5.55E-10	6.79E-11
3.77E+00	3.17E-01	5.05E+00	4.79E-01	2.05E+00	1.53E-01	1.22E+00	1.57E-01	2.87E-01	3.03E-02	2.59E+00	2.18E-01	1.07E+00	9.44E-02	2.26E-03	2.81E-04	5.92E-10	7.35E-11
2.52E+00	3.34E-01	6.29E+00	5.88E-01	2.16E+00	1.78E-01	2.46E+00	2.46E-01	4.81E-01	4.47E-02	1.94E+00	2.25E-01	7.44E-01	9.88E-02	5.08E-03	5.18E-04	1.33E-09	1.36E-10
1.67E+00	2.69E-01	4.07E+00	4.61E-01	1.40E+00	1.17E-01	1.72E+00	1.60E-01	3.19E-01	2.63E-02	1.12E+00	1.82E-01	5.31E-01	7.97E-02	3.67E-03	3.29E-04	9.62E-10	8.61E-11
1.66E+00	2.05E-01	3.09E+00	3.60E-01	1.13E+00	9.31E-02	1.18E+00	1.28E-01	2.06E-01	2.08E-02	1.14E+00	1.40E-01	4.51E-01	6.10E-02	2.26E-03	2.31E-04	5.91E-10	5.87E-11
2.14E+00	1.91E-01	3.21E+00	3.30E-01	1.17E+00	8.69E-02	1.25E+00	1.18E-01	2.14E-01	1.92E-02	1.46E+00	1.31E-01	6.23E-01	5.74E-02	2.38E-03	2.11E-04	6.22E-10	5.37E-11
2.19E+00	3.78E-01	2.33E+00	6.02E-01	8.34E-01	1.62E-01	9.45E-01	2.34E-01	1.81E-01	3.91E-02	1.33E+00	2.61E-01	7.77E-01	1.43E-01	2.11E-03	4.41E-04	5.51E-10	1.16E-10
2.36E+00	4.05E-01	2.52E+00	6.37E-01	8.74E-01	1.70E-01	1.02E+00	2.48E-01	1.90E-01	4.12E-02	1.44E+00	2.80E-01	8.36E-01	1.53E-01	2.30E-03	4.67E-04	6.01E-10	1.22E-10
2.36E+00	4.11E-01	2.45E+00	6.07E-01	8.17E-01	1.61E-01	9.81E-01	2.35E-01	1.77E-01	3.88E-02	1.44E+00	2.85E-01	8.38E-01	1.55E-01	2.22E-03	4.37E-04	5.80E-10	1.14E-10
2.54E+00	4.46E-01	2.60E+00	6.34E-01	8.72E-01	1.66E-01	1.02E+00	2.46E-01	1.86E-01	4.03E-02	1.55E+00	3.08E-01	8.99E-01	1.68E-01	2.31E-03	4.55E-04	6.05E-10	1.19E-10
2.52E+00	4.57E-01	2.53E+00	5.93E-01	8.06E-01	1.54E-01	9.12E-01	2.29E-01	1.68E-01	3.70E-02	1.54E+00	3.16E-01	8.95E-01	1.72E-01	2.08E-03	4.16E-04	5.45E-10	1.09E-10
2.82E+00	5.21E-01	2.85E+00	6.38E-01	9.09E-01	1.64E-01	9.78E-01	2.46E-01	1.82E-01	3.96E-02	1.74E+00	3.59E-01	1.00E+00	1.95E-01	2.16E-03	4.46E-04	5.67E-10	1.17E-10
2.72E+00	5.28E-01	2.78E+00	5.68E-01	8.73E-01	1.45E-01	8.71E-01	2.17E-01	1.49E-01	3.44E-02	1.78E+00	3.64E-01	9.93E-01	1.98E-01	1.87E-03	3.83E-04	4.87E-10	1.01E-10
2.54E+00	4.90E-01	2.45E+00	4.62E-01	7.36E-01	1.17E-01	1.31E+00	1.75E-01	1.47E-01	2.73E-02	1.65E+00	3.39E-01	9.24E-01	1.84E-01	2.98E-03	3.00E-04	7.76E-10	7.86E-11
2.50E+00	4.44E-01	3.13E+00	3.87E-01	5.99E-01	9.85E-02	1.67E+00	1.45E-01	1.85E-01	2.25E-02	1.53E+00	3.07E-01	8.61E-01	1.66E-01	3.73E-03	2.47E-04	9.74E-10	6.47E-11
2.29E+00	3.64E-01	2.72E+00	3.51E-01	5.79E-01	9.21E-02	1.34E+00	1.29E-01	1.39E-01	2.03E-02	1.29E+00	2.52E-01	7.39E-01	1.35E-01	2.80E-03	2.21E-04	7.32E-10	5.78E-11
2.14E+00	3.48E-01	2.09E+00	3.62E-01	6.26E-01	9.53E-02	8.66E-01	1.34E-01	1.41E-01	2.12E-02	1.32E+00	2.40E-01	7.26E-01	1.27E-01	1.85E-03	2.24E-04	4.83E-10	5.85E-11
2.01E+00	3.24E-01	2.23E+00	3.70E-01	6.71E-01	9.78E-02	8.34E-01	1.39E-01	1.50E-01	2.20E-02	1.27E+00	2.23E-01	7.03E-01	1.17E-01	1.90E-03	2.35E-04	4.98E-10	6.15E-11
2.13E+00	3.40E-01	2.41E+00	3.96E-01	7.26E-01	1.04E-01	8.88E-01	1.50E-01	1.61E-01	2.37E-02	1.34E+00	2.32E-01	7.36E-01	1.21E-01	1.79E-03	2.54E-04	4.69E-10	6.65E-11
2.53E+00	3.94E-01	2.61E+00	4.37E-01	7.91E-01	1.14E-01	9.64E-01	1.66E-01	1.74E-01	2.61E-02	1.60E+00	2.67E-01	8.63E-01	1.41E-01	1.82E-03	2.84E-04	4.76E-10	7.45E-11
2.80E+00	4.11E-01	2.80E+00	4.94E-01	8.30E-01	1.26E-01	1.00E+00	1.83E-01	1.83E-01	2.94E-02	1.75E+00	2.76E-01	9.36E-01	1.45E-01	1.91E-03	3.24E-04	4.99E-10	8.48E-11
3.50E+00	4.69E-01	3.21E+00	5.85E-01	9.53E-01	1.51E-01	1.16E+00	2.16E-01	2.09E-01	3.50E-02	2.15E+00	3.10E-01	1.15E+00	1.64E-01	2.16E-03	3.83E-04	5.66E-10	1.00E-10
3.50E+00	4.63E-01	3.45E+00	6.65E-01	1.08E+00	1.72E-01	1.24E+00	2.46E-01	2.27E-01	4.00E-02	2.11E+00	3.04E-01	1.14E+00	1.58E-01	2.26E-03	4.38E-04	5.93E-10	1.15E-10
7.16E+00	4.75E-01	4.11E+00	7.28E-01	1.32E+00	1.93E-01	1.33E+00	2.70E-01	2.55E-01	4.44E-02	5.21E+00	3.26E-01	2.89E+00	1.51E-01	2.77E-03	4.87E-04	7.20E-10	1.28E-10
9.52E+00	6.76E-01	5.26E+00	8.60E-01	1.53E+00	2.60E-01	1.95E+00	2.99E-01	3.46E-01	5.34E-02	5.95E+00	4.29E-01	3.41E+00	2.45E-01	4.08E-03	5.44E-04	1.06E-09	1.43E-10
9.41E+00	5.00E-01	6.25E+00	9.70E-01	1.89E+00	2.91E-01	2.69E+00	3.06E-01	4.76E-01	5.77E-02	6.86E+00	3.69E-01	4.07E+00	1.74E-01	5.54E-03	5.54E-04	1.45E-09	1.45E-10
3.76E+00	6.58E-01	7.14E+00	1.08E+00	2.11E+00	3.47E-01	3.06E+00	3.51E-01	5.32E-01	6.61E-02	2.39E+00	4.83E-01	1.45E+00	2.08E-01	6.19E-03	6.91E-04	1.62E-09	1.81E-10
4.31E+00	7.28E-01	5.88E+00	1.35E+00	1.97E+00	4.89E-01	2.47E+00	4.48E-01	4.21E-01	8.76E-02	2.46E+00	5.38E-01	1.50E+00	2.34E-01	4.88E-03	8.41E-04	1.28E-09	2.21E-10
6.22E+00	8.83E-01	4.69E+00	1.74E+00	1.49E+00	4.96E-01	1.59E+00	5.99E-01	3.00E-01	1.07E-01	3.81E+00	6.53E-01	2.33E+00	2.81E-01	2.91E-03	1.09E-03	7.64E-10	2.85E-10
8.61E+00	8.72E-01	5.65E+00	1.81E+00	2.18E+00	5.86E-01	1.69E+00	5.27E-01	3.79E-01	1.08E-01	4.99E+00	6.70E-01	3.05E+00	2.94E-01	3.02E-03	9.41E-04	7.92E-10	2.47E-10
5.82E+00	1.41E+00	1.30E+01	2.05E+00	4.01E+00	5.04E-01	4.96E+00	7.28E-01	9.41E-01	1.11E-01	3.89E+00	9.78E-01	2.20E+00	4.57E-01	1.07E-02	1.15E-03	2.82E-09	3.03E-10
5.60E+00	9.61E-01	9.92E+00	1.85E+00	3.16E+00	6.01E-01	3.56E+00	5.46E-01	6.97E-01	1.11E-01	3.79E+00	7.32E-01	2.24E+00	2.90E-01	7.23E-03	9.31E-04	1.90E-09	2.44E-10
1.34E+01	1.17E+00	1.28E+01	1.56E+00	3.60E+00	4.78E-01	4.89E+00	4.99E-01	8.54E-01	8.94E-02	8.33E+00	7.88E-01	5.06E+00	3.96E-01	9.50E-03	7.71E-04	2.49E-09	2.02E-10
6.23E+00	1.33E+00	8.43E+00	1.89E+00	3.46E+00	7.64E-01	3.39E+00	6.22E-01	5.53E-01	1.16E-01	4.45E+00	9.54E-01	1.97E+00	4.01E-01	7.47E-03	1.09E-03	1.96E-09	2.85E-10
9.11E+00	1.74E+00	1.91E+01	3.42E+00	5.74E+00	1.17E+00	6.93E+00	1.00E+00	1.26E+00	2.11E-01	6.24E+00	1.32E+00	2.65E+00	4.97E-01	1.29E-02	1.71E-03	3.39E-09	4.50E-10
8.58E+00	1.46E+00	1.72E+01	2.23E+00	5.29E+00	5.94E-01	6.08E+00	7.66E-01	1.12E+00	1.27E-01	5.92E+00	1.00E+00	2.35E+00	4.93E-01	1.11E-02	1.68E-03	2.91E-09	4.41E-10
5.20E+00	1.45E+00	1.02E+01	2.17E+00	2.65E+00	6.18E-01	4.18E+00	6.36E-01	6.76E-01	1.12E-01	3.53E+00	1.02E+00	1.50E+00	4.43E-01	9.06E-03	1.14E-03	2.36E-09	2.99E-10
3.59E+00	8.68E-01	7.13E+00	1.65E+00	2.03E+00	4.83E-01	2.99E+00	4.80E-01	4.75E-01	9.20E-02	2.64E+00	6.09E-01	1.54E+00	2.35E-01	6.38E-03	8.18E-04	1.66E-09	2.14E-10
4.14E+00	5.79E-01	7.48E+00	1.02E+00	2.01E+00	3.40E-01	2.96E+00	3.35E-01	5.09E-01	6.43E-02	2.43E+00	4.13E-01	1.43E+00	1.68E-01	5.98E-03	5.90E-04	1.56E-09	1.55E-10
3.83E+00	4.26E-01	6.62E+00	8.64E-01	1.71E+00	2.75E-01	2.68E+00	2.94E-01	4.55E-01	5.59E-02	2.55E+00	3.04E-01	1.46E+00	1.18E-01	5.56E-03	5.34E-04	1.45E-09	1.40E-10
3.11E+00	3.32E-01	5.37E+00	7.66E-01	1.36E+00	2.32E-01	2.20E+00	2.74E-01	3.71E-01	5.09E-02	2.32E+00	2.35E-01	1.29E+00	9.08E-02	4.63E-03	5.29E-04	1.21E-09	1.39E-10
2.24E+00	2.91E-01	4.61E+00	6.51E-01	1.42E+00	1.88E-01	1.94E+00	2.43E-01	3.61E-01	4.41E-02	1.72E+00	2.04E-01	9.29E-01	9.06E-02	4.24E-03	4.86E-04	1.11E-09	1.27E-10
2.18E+00	2.98E-01	4.25E+00	5.33E-01	1.32E+00	1.42E-01	1.70E+00	1.99E-01	3.19E-01	3.53E-02	1.49E+00	2.04E-01	7.34E-01	8.93E-02	3.60E-03	4.08E-04	9.40E-10	1.07E-10
3.07E+00	3.19E-01	4.11E+00	5.74E-01	1.12E+00	1.44E-01	1.64E+00	2.00E-01	2.75E-01	3.27E-02	2.00E+00	2.18E-01	1.04E+00	9.44E-02	3.28E-03	3.53E-04	8.55E-10	9.23E-11
3.54E+00	3.30E-01	3.86E+00	5.91E-01	1.12E+00	1.46E-01	1.54E+00	2.03E-01	2.57E-01	3.31E-02	2.41E+00	2.24E-01	1.19E+00	9.80E-02	3.09E-03	3.57E-04	8.06E-10	9.34E-11
3.03E+00	3.10E-01	3.77E+00	5.59E-01	1.12E+00	1.42E-01	1.41E+00	1.92E-01	2.35E-01	3.14E-02	2.17E+00	2.11E-01	1.01E+00	9.09E-02	2.85E-03	3.40E-04	7.41E-10	8.88E-11
2.43E+00	3.01E-01	4.11E+00	5.37E-01	1.26E+00	1.48E-01	1.28E+00	1.85E-01	2.26E-01	3.02E-02	1.80E+00	2.05E-01	7.89E-01	8.85E-02	2.59E-03	3.27E-04	6.71E-10	8.50E-11
1.62E+00	2.30E-01	3.03E+00	4.34E-01	8.51E-01	1.10E-01	1.20E+00	1.55E-01	2.02E-01	2.55E-02	1.11E+00	1.57E-01	5.28E-01	6.71E-02	2.44E-03	2.85E-04	6.19E-10	7.37E-11
1.98E+00	2.18E-01	3.00E+00	3.92E-01	8.36E-01	1.01E-01	1.19E+00	1.43E-01	2.03E-01	2.36E-02	1.33E+00	1.48E-01	6.13E-01	6.68E-02	2.46E-03	2.68E-04	6.18E-10	6.88E-11
2.90E+00	2.68E-01	3.76E+00	4.19E-01	1.30E+00	1.14E-01	1.22E+00	1.44E-01	2.11E-01	2.36E-02	1.95E+00	1.83E-01	8.56E-01	8.11E-02	2.56E-03	2.67E-04	6.41E-10	6.84E-11
3.65E+00	3.13E-01	4.73E+00	4.74E-01	1.72E+00	1.35E-01	1.26E+00	1.50E-01	2.55E-01	2.57E-02	2.44E+00	2.13E-01	1.05E+00	9.40E-02	2.67E-03	2.68E-04	6.68E-10	6.84E-11
3.05E+00	2.98E-01	3.80E+00	4.48E-01	1.41E+00	1.24E-01	1.25E+00	1.47E-01	2.16E-01	2.39E-02	2.09E+00	2.06E-01	8.96E-01	9.11E-02	2.66E-03	2.68E-04	6.66E-10	6.86E-11
2.10E+00	2.49E-01	3.15E+00	4.29E-01	9.68E-01	1.15E-01	1.17E+00	1.57E-01	2.00E-01	2.57E-02	1.43E+00	1.76E-01	6.52E-01	7.77E-02	2.48E-03	2.82E-04	6.22E-10	7.24E-11
3.70E+00	3.28E-01	4.47E+00	5.66E-01	1.79E+00	1.57E-01	1.86E+00	2.08E-01	3.15E-01	3.46E-02	2.52E+00	2.27E-01	1.11E+00	9.95E-02	3.71E-03	3.67E-04	9.71E-10	9.52E-11
3.69E+00	2.64E-01	3.77E+00	4.63E-01	1.59E+00	1.28E-01	1.55E+00	1.71E-01	2.60E-01	2.84E-02	2.50E+00	1.83E-01	1.18E+00	8.00E-02	3.10E-03	3.06E-04	8.12E-10	7.88E-11
3.19E+00	1.89E-01	2.82E+00	3.41E-01	1.24E+00	9.27E-02	1.03E+00	1.27E-01	1.72E-01	2.10E-02	2.15E+00	1.31E-01	1.07E+00	5.72E-02	2.04E-03	2.32E-04	5.32E-10	5.94E-11
4.23E+00	2.35E-01	3.66E+00	4.18E-01	1.81E+00	1.50E-01	1.49E+00	1.54E-01	2.39E-01	2.76E-02	2.85E+00	1.64E-01	1.43E+00	7.11E-02	2.95E-03	2.98E-04	7.73E-10	7.78E-11
2.15E+00	4.08E-01	2.82E+00	6.47E-01	8.98E-01	1.73E-01	9.80E-01	2.38E-01	1.91E-01	3.84E-02	1.36E+00	2.66E-01	7.62E-01	1.38E-01	1.99E-03	4.04E-04	5.18E-10	1.06E-10
2.27E+00	4.27E-01	2.71E+00	6.66E-01	9.81E-01	1.77E-01	9.10E-01	2.44E-01	1.78E-01	3.92E-02	1.44E+00	2.78E-01	8.09E-01	1.44E-01	1.94E-03	4.12E-04	5.09E-10	1.08E-10
2.31E+00	4.33E-01	2.50E+00	6.60E-01	1.03E+00	1.74E-01	8.43E-01	2.41E-01	1.70E-01	3.84E-02	1.48E+00	2.82E-01	8.31E-01	1.47E-01	1.86E-03	4.01E-04	4.87E-10	1.05E-10
2.63E+00	4.91E-01	2.90E+00	7.65E-01	1.23E+00	2.02E-01	1.02E+00	2.79E-01	2.05E-01	4.48E-02	1.69E+00	3.21E-01	9.52E-01	1.66E-01	2.25E-03	4.70E-04	5.89E-10	1.23E-10
2.97E+00	5.51E-01	3.41E+00	8.76E-01	1.44E+00	2.32E-01	1.21E+00	3.20E-01	2.43E-01	5.17E-02	1.92E+00	3.61E-01	1.08E+00	1.87E-01	2.67E-03	5.45E-04	7.00E-10	1.43E-10
3.12E+00	5.84E-01	3.70E+00	9.09E-01	1.54E+00	2.39E-01	1.24E+00	3.31E-01	2.55E-01	5.32E-02	2.03E+00	3.81E-01	1.14E+00	1.98E-01	2.74E-03	5.58E-04	7.18E-10	1.46E-10
2.86E+00	5.07E-01	3.11E+00	7.08E-01	1.27E+00	1.81E-01	1.00E+00	2.54E-01	2.09E-01	3.93E-02	1.75E+00	3.33E-01	1.00E+00	1.75E-01	2.32E-03	4.05E-04	6.04E-10	1.06E-10
2.76E+00	4.38E-01	3.08E+00	5.84E-01	1.02E+00	1.53E-01	1.72E+00	2.12E-01	1.97E-01	3.38E-02	1.60E+00	2.90E-01	9.62E-01	1.54E-01	3.98E-03	3.54E-04	1.04E-09	9.26E-11
2.83E+00	4.01E-01	3.41E+00	5.74E-01	8.49E-01	1.49E-01	1.81E+00	2.11E-01	2.02E-01	3.33E-02	1.71E+00	2.68E-01	1.03E+00	1.42E-01	4.09E-03	3.53E-04	1.07E-09	9.22E-11
2.33E+00	3.42E-01	2.27E+00	5.49E-01	6.54E-01	1.43E-01	1.05E+00	2.04E-01	1.44E-01	3.24E-02	1.40E+00	2.30E-01	8.47E-01	1.20E-01	2.10E-03	3.48E-04	5.46E-10	9.09E-11
1.84E+00	3.38E-01	2.30E+00	5.57E-01	6.64E-01	1.46E-01	9.04E-01	2.08E-01	1.44E-01	3.33E-02	1.14E+00	2.27E-01	6.74E-01	1.07E-01	2.07E-03	3.60E-04	5.40E-10	9.41E-11
1.83E+00	3.63E-01	2.41E+00	6.03E-01	6.98E-01	1.59E-01	8.48E-01	2.26E-01	1.49E-01	3.62E-02	1.07E+00	2.45E-01	6.12E-01	1.10E-01	1.74E-03	3.91E-04	4.54E-10	1.02E-10
1.94E+00	3.92E-01	2.51E+00	6.54E-01	7.31E-01	1.73E-01	9.27E-01	2.44E-01	1.55E-01	3.94E-02	1.13E+00	2.64E-01	6.52E-01	1.19E-01	1.81E-03	4.24E-04	4.75E-10	1.11E-10
2.31E+00	4.48E-01	2.68E+00	7.34E-01	7.92E-01	1.95E-01	1.01E+00	2.73E-01	1.72E-01	4.40E-02	1.35E+00	3.02E-01	7.82E-01	1.36E-01	1.97E-03	4.69E-04	5.17E-10	1.23E-10
3.01E+00	5.32E-01	2.92E+00	8.43E-01	9.04E-01	2.23E-01	1.10E+00	3.12E-01	1.94E-01	4.98E-02	1.76E+00	3.59E-01	1.02E+00	1.63E-01	2.13E-03	5.26E-04	5.60E-10	1.38E-10
3.97E+00	6.40E-01	3.34E+00	9.74E-01	1.04E+00	2.56E-01	1.20E+00	3.60E-01	2.21E-01	5.67E-02	2.33E+00	4.31E-01	1.35E+00	1.99E-01	2.28E-03	5.93E-04	5.99E-10	1.55E-10
4.08E+00	6.78E-01	3.63E+00	1.02E+00	1.15E+00	2.68E-01	1.28E+00	3.76E-01	2.38E-01	5.91E-02	2.37E+00	4.57E-01	1.38E+00	2.12E-01	2.31E-03	6.16E-04	6.06E-10	1.61E-10
3.19E+00	6.53E-01	3.71E+00	9.89E-01	1.21E+00	2.63E-01	1.28E+00	3.67E-01	2.39E-01	5.79E-02	1.82E+00	4.41E-01	1.07E+00	2.04E-01	2.22E-03	6.02E-04	5.81E-10	1.58E-10
2.26E+00	6.34E-01	3.78E+00	9.61E-01	1.34E+00	2.57E-01	1.21E+00	3.56E-01	2.57E-01	5.65E-02	1.53E+00	4.27E-01	9.21E-01	1.97E-01	2.82E-03	5.85E-04	7.36E-10	1.53E-10
2.73E+00	6.41E-01	4.22E+00	9.49E-01	1.56E+00	2.53E-01	1.36E+00	3.51E-01	2.84E-01	5.64E-02	2.25E+00	4.32E-01	1.40E+00	2.01E-01	2.84E-03	6.05E-04	7.41E-10	1.58E-10
2.55E+00	6.88E-01	4.76E+00	1.05E+00	1.83E+00	2.83E-01	1.96E+00	3.80E-01	3.41E-01	6.36E-02	2.55E+00	4.62E-01	1.58E+00	2.19E-01	4.08E-03	6.75E-04	1.07E-09	1.77E-10
3.00E+00	7.30E-01	5.02E+00	1.29E+00	1.88E+00	3.56E-01	2.19E+00	4.33E-01	3.76E-01	7.85E-02	2.49E+00	4.87E-01	1.55E+00	2.39E-01	4.52E-03	8.17E-04	1.18E-09	2.14E-10
3.00E+00	7.69E-01	5.44E+00	1.58E+00	2.02E+00	4.32E-01	1.75E+00	5.09E-01	3.75E-01	9.20E-02	2.50E+00	5.69E-01	1.56E+00	2.59E-01	3.51E-03	9.29E-04	9.22E-10	2.44E-10
3.12E+00	8.32E-01	5.51E+00	1.37E+00	1.94E+00	3.97E-01	1.71E+00	4.30E-01	3.49E-01	7.43E-02	2.18E+00	6.41E-01	1.28E+00	2.84E-01	3.18E-03	7.37E-04	8.34E-10	1.93E-10
2.77E+00	7.53E-01	5.29E+00	1.60E+00	1.73E+00	4.48E-01	1.62E+00	3.53E-01	3.09E-01	7.90E-02	2.05E+00	5.71E-01	9.98E-01	2.86E-01	3.01E-03	6.37E-04	7.91E-10	1.67E-10
4.58E+00	2.74E-01	3.12E+00	2.77E-01	1.12E+00	1.52E-01	8.48E-01	7.25E-02	1.58E-01	1.79E-02	3.10E+00	1.88E-01	1.65E+00	9.51E-02	1.80E-03	1.55E-04	4.72E-10	4.07E-11
6.25E+00	5.51E-01	6.69E+00	1.08E+00	4.86E+00	7.31E-01	1.16E+00	1.68E-01	5.32E-01	8.06E-02	4.19E+00	5.54E-01	2.27E+00	2.07E-01	2.03E-03	2.53E-04	5.32E-10	6.64E-11
6.35E+00	7.49E-01	9.62E+00	1.02E+00	4.06E+00	3.18E-01	3.00E+00	2.48E-01	7.19E-01	5.13E-02	4.19E+00	5.93E-01	2.34E+00	2.90E-01	5.69E-03	3.70E-04	1.49E-09	9.71E-11
6.86E+00	8.13E-01	1.37E+01	1.52E+00	4.24E+00	6.34E-01	5.72E+00	4.23E-01	9.81E-01	8.75E-02	3.65E+00	7.13E-01	2.26E+00	2.89E-01	1.22E-02	7.26E-04	3.19E-09	1.90E-10
9.76E+00	6.44E-01	9.38E+00	1.28E+00	2.51E+00	4.40E-01	4.04E+00	3.74E-01	6.38E-01	8.19E-02	5.36E+00	4.58E-01	3.20E+00	2.15E-01	8.60E-03	7.10E-04	2.25E-09	1.86E-10
8.91E+00	5.36E-01	7.46E+00	9.17E-01	1.99E+00	2.62E-01	2.97E+00	3.44E-01	5.16E-01	5.99E-02	5.12E+00	3.83E-01	2.97E+00	1.83E-01	6.33E-03	6.79E-04	1.66E-09	1.78E-10
6.23E+00	5.58E-01	7.78E+00	8.41E-01	1.94E+00	2.61E-01	3.14E+00	3.18E-01	5.21E-01	5.27E-02	4.08E+00	3.87E-01	2.28E+00	1.84E-01	6.35E-03	6.24E-04	1.66E-09	1.64E-10
4.00E+00	4.22E-01	7.64E+00	6.84E-01	1.76E+00	2.02E-01	2.92E+00	2.56E-01	4.68E-01	4.31E-02	2.73E+00	2.94E-01	1.47E+00	1.38E-01	5.84E-03	5.00E-04	1.53E-09	1.31E-10
3.62E+00	3.46E-01	6.96E+00	5.94E-01	1.53E+00	1.62E-01	2.75E+00	2.30E-01	4.14E-01	3.85E-02	2.42E+00	2.41E-01	1.08E+00	1.11E-01	5.17E-03	4.52E-04	1.35E-09	1.18E-10
3.12E+00	3.18E-01	5.97E+00	5.67E-01	1.36E+00	1.47E-01	2.39E+00	2.17E-01	3.57E-01	3.62E-02	2.12E+00	2.21E-01	9.55E-01	9.95E-02	4.52E-03	4.16E-04	1.18E-09	1.09E-10
2.68E+00	2.98E-01	5.08E+00	5.62E-01	1.23E+00	1.44E-01	2.04E+00	2.11E-01	3.25E-01	3.50E-02	1.84E+00	2.06E-01	8.32E-01	9.10E-02	3.94E-03	3.98E-04	1.03E-09	1.04E-10
2.38E+00	3.00E-01	4.45E+00	5.88E-01	1.12E+00	1.52E-01	1.78E+00	2.14E-01	2.98E-01	3.57E-02	1.65E+00	2.03E-01	7.44E-01	9.14E-02	3.61E-03	3.95E-04	9.44E-10	1.03E-10
2.18E+00	2.90E-01	4.03E+00	5.43E-01	1.01E+00	1.42E-01	1.59E+00	1.98E-01	2.68E-01	3.32E-02	1.53E+00	1.98E-01	6.82E-01	8.91E-02	3.26E-03	3.67E-04	8.51E-10	9.59E-11

Scenario 1 Results

2.74E+00	3.31E-01	3.73E+00	5.70E-01	1.21E+00	1.52E-01	1.44E+00	2.05E-01	2.42E-01	3.47E-02	1.86E+00	2.26E-01	8.10E-01	1.01E-01	2.97E-03	3.76E-04	7.74E-10	9.83E-11
2.53E+00	3.16E-01	3.63E+00	5.23E-01	1.33E+00	1.42E-01	1.37E+00	1.89E-01	2.34E-01	3.24E-02	1.73E+00	2.16E-01	7.16E-01	9.46E-02	2.76E-03	3.51E-04	7.20E-10	9.16E-11
2.73E+00	3.38E-01	3.92E+00	5.36E-01	1.55E+00	1.52E-01	1.34E+00	1.90E-01	2.32E-01	3.30E-02	1.86E+00	2.31E-01	7.58E-01	1.01E-01	2.72E-03	3.56E-04	7.09E-10	9.27E-11
2.13E+00	2.82E-01	3.16E+00	4.47E-01	1.10E+00	1.24E-01	1.28E+00	1.57E-01	2.21E-01	2.74E-02	1.45E+00	1.93E-01	6.07E-01	8.47E-02	2.60E-03	2.99E-04	6.77E-10	7.77E-11
1.54E+00	2.12E-01	3.01E+00	3.46E-01	9.17E-01	9.05E-02	1.22E+00	1.21E-01	2.10E-01	2.09E-02	1.09E+00	1.46E-01	4.59E-01	6.43E-02	2.48E-03	2.37E-04	6.45E-10	6.10E-11
1.82E+00	2.32E-01	3.04E+00	3.63E-01	9.26E-01	9.08E-02	1.19E+00	1.21E-01	2.05E-01	2.11E-02	1.21E+00	1.60E-01	6.15E-01	7.17E-02	2.45E-03	2.38E-04	6.33E-10	6.12E-11
2.67E+00	2.33E-01	2.97E+00	3.58E-01	1.21E+00	9.08E-02	1.16E+00	1.21E-01	2.01E-01	2.10E-02	1.77E+00	1.61E-01	9.18E-01	7.28E-02	2.39E-03	2.36E-04	6.18E-10	6.06E-11
3.31E+00	2.47E-01	2.76E+00	3.31E-01	1.43E+00	1.11E-01	1.12E+00	1.19E-01	1.93E-01	2.08E-02	2.20E+00	1.68E-01	1.15E+00	7.36E-02	2.29E-03	2.32E-04	5.92E-10	5.95E-11
3.95E+00	2.87E-01	3.72E+00	4.08E-01	1.74E+00	1.52E-01	1.24E+00	1.29E-01	2.17E-01	2.40E-02	2.64E+00	1.97E-01	1.37E+00	8.27E-02	2.18E-03	2.50E-04	5.62E-10	6.46E-11
4.71E+00	3.76E-01	6.55E+00	6.39E-01	2.43E+00	2.48E-01	2.32E+00	1.96E-01	4.02E-01	4.20E-02	3.18E+00	2.61E-01	1.64E+00	1.02E-01	3.96E-03	3.56E-04	1.04E-09	9.25E-11
4.01E+00	3.67E-01	7.08E+00	6.43E-01	2.16E+00	2.46E-01	2.49E+00	2.02E-01	4.45E-01	4.28E-02	2.71E+00	2.55E-01	1.39E+00	9.89E-02	4.32E-03	3.55E-04	1.13E-09	9.23E-11
3.15E+00	2.70E-01	4.67E+00	4.04E-01	1.42E+00	1.45E-01	1.50E+00	1.21E-01	2.64E-01	2.42E-02	2.13E+00	1.86E-01	9.32E-01	7.79E-02	2.27E-03	2.25E-04	5.94E-10	5.81E-11
3.73E+00	3.17E-01	5.87E+00	4.98E-01	1.90E+00	1.71E-01	1.89E+00	1.56E-01	3.50E-01	3.03E-02	2.53E+00	2.18E-01	1.07E+00	9.12E-02	2.97E-03	2.75E-04	7.77E-10	7.13E-11
2.15E+00	5.40E-01	3.65E+00	5.99E-01	1.08E+00	1.53E-01	1.16E+00	2.00E-01	2.16E-01	3.10E-02	1.33E+00	3.60E-01	7.73E-01	1.82E-01	2.05E-03	3.10E-04	5.36E-10	8.11E-11
2.11E+00	5.28E-01	3.31E+00	5.50E-01	9.41E-01	1.37E-01	1.05E+00	1.82E-01	1.88E-01	2.73E-02	1.33E+00	3.51E-01	7.60E-01	1.80E-01	1.78E-03	2.97E-04	4.66E-10	7.78E-11
2.33E+00	5.44E-01	3.22E+00	5.48E-01	8.79E-01	1.34E-01	1.04E+00	1.81E-01	1.75E-01	2.69E-02	1.42E+00	3.62E-01	7.90E-01	1.87E-01	1.77E-03	3.00E-04	4.64E-10	7.86E-11
2.69E+00	6.53E-01	3.84E+00	6.77E-01	1.07E+00	1.69E-01	1.28E+00	2.23E-01	2.08E-01	3.34E-02	1.73E+00	4.33E-01	9.13E-01	2.22E-01	2.30E-03	3.52E-04	6.02E-10	9.23E-11
3.01E+00	7.18E-01	4.14E+00	7.59E-01	1.22E+00	1.90E-01	1.39E+00	2.49E-01	2.32E-01	3.75E-02	1.92E+00	4.77E-01	1.01E+00	2.44E-01	2.65E-03	3.88E-04	6.95E-10	1.02E-10
3.14E+00	7.08E-01	3.63E+00	6.94E-01	1.09E+00	1.68E-01	1.21E+00	2.27E-01	2.01E-01	3.34E-02	1.92E+00	4.70E-01	1.07E+00	2.44E-01	2.32E-03	3.67E-04	6.08E-10	9.62E-11
2.88E+00	6.35E-01	3.04E+00	5.85E-01	8.66E-01	1.34E-01	1.75E+00	1.90E-01	2.05E-01	3.05E-02	1.87E+00	4.23E-01	9.69E-01	2.22E-01	4.15E-03	3.38E-04	1.08E-09	8.86E-11
2.95E+00	5.76E-01	3.69E+00	5.16E-01	7.17E-01	1.28E-01	2.05E+00	1.82E-01	2.37E-01	3.00E-02	1.94E+00	3.86E-01	1.01E+00	2.04E-01	4.80E-03	3.32E-04	1.25E-09	8.70E-11
2.63E+00	4.48E-01	2.44E+00	4.73E-01	5.79E-01	1.22E-01	1.22E+00	1.71E-01	1.33E-01	2.84E-02	1.72E+00	3.01E-01	9.25E-01	1.61E-01	2.61E-03	3.13E-04	6.82E-10	8.19E-11
2.25E+00	3.93E-01	2.09E+00	4.89E-01	5.99E-01	1.25E-01	7.60E-01	1.76E-01	1.36E-01	2.91E-02	1.48E+00	2.66E-01	7.95E-01	1.43E-01	1.63E-03	3.20E-04	4.23E-10	8.37E-11
1.89E+00	3.59E-01	2.18E+00	5.18E-01	6.25E-01	1.32E-01	7.97E-01	1.88E-01	1.40E-01	3.06E-02	1.27E+00	2.45E-01	6.92E-01	1.32E-01	1.50E-03	3.35E-04	3.91E-10	8.77E-11
1.87E+00	3.41E-01	2.33E+00	5.58E-01	6.76E-01	1.44E-01	8.50E-01	2.03E-01	1.50E-01	3.31E-02	1.26E+00	2.33E-01	6.90E-01	1.23E-01	1.58E-03	3.61E-04	4.13E-10	9.44E-11
1.88E+00	3.47E-01	2.53E+00	6.11E-01	7.41E-01	1.60E-01	9.15E-01	2.21E-01	1.63E-01	3.67E-02	1.28E+00	2.39E-01	7.04E-01	1.22E-01	1.69E-03	4.00E-04	4.43E-10	1.05E-10
2.46E+00	4.76E-01	2.97E+00	7.37E-01	8.72E-01	1.92E-01	1.07E+00	2.63E-01	1.91E-01	4.35E-02	1.69E+00	3.27E-01	9.25E-01	1.68E-01	1.98E-03	4.67E-04	5.17E-10	1.22E-10
3.28E+00	5.64E-01	3.37E+00	8.52E-01	9.97E-01	2.24E-01	1.20E+00	3.00E-01	2.16E-01	5.02E-02	2.03E+00	3.90E-01	1.08E+00	2.00E-01	2.22E-03	5.34E-04	5.82E-10	1.40E-10
4.68E+00	6.21E-01	3.78E+00	9.55E-01	1.12E+00	2.55E-01	1.36E+00	3.37E-01	2.41E-01	5.69E-02	2.89E+00	4.32E-01	1.54E+00	2.21E-01	2.45E-03	6.01E-04	6.42E-10	1.57E-10
5.15E+00	5.69E-01	4.05E+00	1.01E+00	1.21E+00	2.76E-01	1.41E+00	3.65E-01	2.56E-01	6.16E-02	3.16E+00	4.02E-01	1.70E+00	2.05E-01	2.55E-03	6.50E-04	6.68E-10	1.70E-10
5.26E+00	5.93E-01	4.28E+00	1.09E+00	1.29E+00	3.03E-01	1.49E+00	3.97E-01	2.66E-01	6.75E-02	3.18E+00	4.05E-01	1.75E+00	1.89E-01	2.60E-03	7.10E-04	6.81E-10	1.86E-10
4.08E+00	5.87E-01	4.50E+00	1.16E+00	1.33E+00	3.27E-01	1.58E+00	4.18E-01	2.72E-01	7.29E-02	2.41E+00	4.07E-01	1.36E+00	1.82E-01	2.62E-03	7.66E-04	6.87E-10	2.01E-10
3.99E+00	6.23E-01	5.01E+00	1.30E+00	1.50E+00	3.74E-01	1.65E+00	4.63E-01	2.93E-01	8.27E-02	2.34E+00	4.39E-01	1.34E+00	1.83E-01	2.68E-03	8.65E-04	7.02E-10	2.27E-10
4.04E+00	6.85E-01	5.38E+00	1.50E+00	1.64E+00	4.36E-01	1.59E+00	5.24E-01	3.03E-01	9.56E-02	2.44E+00	4.88E-01	1.39E+00	1.88E-01	3.08E-03	9.90E-04	8.05E-10	2.60E-10
2.77E+00	7.58E-01	5.40E+00	1.71E+00	1.80E+00	5.04E-01	1.80E+00	5.84E-01	3.54E-01	1.09E-01	2.16E+00	5.39E-01	9.39E-01	2.02E-01	3.72E-03	1.11E-03	9.75E-10	2.91E-10
4.19E+00	8.54E-01	6.14E+00	1.79E+00	2.09E+00	5.45E-01	1.87E+00	5.88E-01	3.92E-01	1.12E-01	2.51E+00	6.00E-01	1.54E+00	2.72E-01	3.38E-03	1.12E-03	8.86E-10	2.94E-10
4.46E+00	9.07E-01	5.72E+00	1.84E+00	2.06E+00	5.72E-01	1.77E+00	5.48E-01	3.50E-01	1.09E-01	2.82E+00	6.68E-01	1.73E+00	2.57E-01	3.52E-03	9.66E-04	9.23E-10	2.53E-10
3.15E+00	7.73E-01	4.95E+00	1.20E+00	1.46E+00	2.74E-01	1.51E+00	3.28E-01	2.75E-01	5.34E-02	2.43E+00	5.90E-01	1.21E+00	2.92E-01	2.78E-03	4.95E-04	7.30E-10	1.30E-10
4.98E+00	3.70E-01	3.91E+00	2.92E-01	1.48E+00	1.35E-01	9.26E-01	7.29E-02	1.62E-01	1.48E-02	3.58E+00	3.30E-01	1.85E+00	1.70E-01	1.18E-03	1.53E-04	3.09E-10	4.01E-11
1.16E+01	5.72E-01	4.79E+00	5.33E-01	1.52E+00	2.21E-01	2.29E+00	1.18E-01	1.84E-01	2.78E-02	7.59E+00	3.67E-01	4.60E+00	2.23E-01	1.25E-03	1.47E-04	3.28E-10	3.83E-11
8.42E+00	6.67E-01	6.43E+00	9.61E-01	3.38E+00	4.94E-01	1.68E+00	1.90E-01	4.50E-01	6.51E-02	4.49E+00	4.92E-01	2.82E+00	2.56E-01	2.29E-03	2.33E-04	6.01E-10	6.12E-11
4.81E+00	6.49E-01	6.53E+00	9.97E-01	3.03E+00	3.62E-01	2.31E+00	3.13E-01	4.51E-01	6.24E-02	3.17E+00	4.67E-01	1.80E+00	2.52E-01	4.68E-03	4.72E-04	1.23E-09	1.24E-10
3.48E+00	5.94E-01	7.99E+00	9.74E-01	2.64E+00	3.00E-01	2.94E+00	2.87E-01	5.35E-01	5.42E-02	2.31E+00	4.34E-01	1.27E+00	1.82E-01	5.78E-03	5.13E-04	1.52E-09	1.35E-10
3.53E+00	4.95E-01	8.08E+00	8.38E-01	2.24E+00	2.58E-01	3.04E+00	2.66E-01	5.32E-01	4.93E-02	2.40E+00	3.52E-01	9.37E-01	1.47E-01	5.92E-03	4.73E-04	1.55E-09	1.24E-10
3.67E+00	4.45E-01	7.77E+00	7.61E-01	2.03E+00	2.34E-01	3.00E+00	2.55E-01	5.05E-01	4.66E-02	2.35E+00	3.07E-01	1.22E+00	1.40E-01	5.83E-03	4.38E-04	1.53E-09	1.15E-10
3.16E+00	3.16E-01	7.00E+00	5.70E-01	1.75E+00	1.74E-01	2.76E+00	1.94E-01	4.52E-01	3.53E-02	2.13E+00	2.20E-01	8.79E-01	9.85E-02	5.38E-03	3.41E-04	1.41E-09	8.94E-11
2.84E+00	2.80E-01	6.19E+00	4.65E-01	1.51E+00	1.42E-01	2.45E+00	1.61E-01	3.96E-01	2.92E-02	1.91E+00	1.86E-01	7.99E-01	8.83E-02	4.78E-03	3.15E-04	1.25E-09	8.25E-11
2.55E+00	3.07E-01	5.48E+00	4.24E-01	1.32E+00	1.21E-01	2.17E+00	1.51E-01	3.47E-01	2.60E-02	1.72E+00	2.03E-01	7.27E-01	9.66E-02	4.21E-03	3.05E-04	1.10E-09	7.98E-11
2.30E+00	3.18E-01	4.86E+00	4.02E-01	1.14E+00	1.09E-01	1.92E+00	1.41E-01	3.04E-01	2.42E-02	1.55E+00	2.10E-01	6.63E-01	9.98E-02	3.72E-03	2.90E-04	9.71E-10	7.57E-11
2.53E+00	3.55E-01	4.31E+00	4.08E-01	9.96E-01	1.13E-01	1.71E+00	1.39E-01	2.67E-01	2.43E-02	1.58E+00	2.35E-01	7.66E-01	1.11E-01	3.30E-03	2.80E-04	8.58E-10	7.33E-11
2.81E+00	3.64E-01	3.84E+00	4.29E-01	9.86E-01	1.19E-01	1.52E+00	1.36E-01	2.35E-01	2.36E-02	1.76E+00	2.41E-01	8.45E-01	1.13E-01	2.94E-03	2.73E-04	7.63E-10	7.16E-11
3.65E+00	4.30E-01	3.87E+00	5.28E-01	1.31E+00	1.48E-01	1.37E+00	1.59E-01	2.42E-01	2.56E-02	2.31E+00	2.85E-01	1.09E+00	1.32E-01	2.65E-03	2.75E-04	6.84E-10	7.20E-11
3.40E+00	3.76E-01	3.62E+00	4.69E-01	1.15E+00	1.31E-01	1.36E+00	1.40E-01	2.53E-01	2.28E-02	2.16E+00	2.49E-01	1.03E+00	1.15E-01	2.76E-03	2.55E-04	7.17E-10	6.67E-11
3.60E+00	3.69E-01	3.80E+00	4.65E-01	1.13E+00	1.29E-01	1.38E+00	1.39E-01	2.57E-01	2.26E-02	2.30E+00	2.45E-01	1.11E+00	1.12E-01	2.80E-03	2.42E-04	7.25E-10	6.33E-11
3.54E+00	3.32E-01	3.50E+00	4.12E-01	1.12E+00	1.12E-01	1.36E+00	1.22E-01	2.53E-01	1.95E-02	2.25E+00	2.20E-01	1.11E+00	1.02E-01	2.74E-03	2.24E-04	7.09E-10	5.86E-11
2.74E+00	2.40E-01	3.40E+00	2.78E-01	1.10E+00	7.00E-02	1.31E+00	9.69E-02	2.45E-01	1.66E-02	1.72E+00	1.59E-01	8.76E-01	7.50E-02	2.65E-03	1.93E-04	6.83E-10	5.06E-11
3.39E+00	2.83E-01	3.28E+00	3.22E-01	1.07E+00	7.77E-02	1.26E+00	9.56E-02	2.36E-01	1.61E-02	2.15E+00	1.88E-01	1.09E+00	8.91E-02	2.54E-03	1.89E-04	6.53E-10	4.93E-11
3.78E+00	3.12E-01	3.13E+00	3.43E-01	1.03E+00	7.97E-02	1.19E+00	9.92E-02	2.25E-01	1.54E-02	2.40E+00	2.07E-01	1.23E+00	9.89E-02	2.41E-03	1.80E-04	6.19E-10	4.71E-11
4.14E+00	3.46E-01	3.39E+00	3.69E-01	9.66E-01	8.43E-02	1.12E+00	1.05E-01	2.11E-01	1.53E-02	2.65E+00	2.29E-01	1.36E+00	1.10E-01	2.26E-03	1.74E-04	5.78E-10	4.55E-11
4.25E+00	3.64E-01	3.73E+00	4.00E-01	9.96E-01	9.18E-02	1.03E+00	1.19E-01	1.93E-01	1.80E-02	2.76E+00	2.43E-01	1.42E+00	1.17E-01	2.08E-03	1.90E-04	5.29E-10	4.91E-11
3.92E+00	3.47E-01	3.74E+00	4.46E-01	1.08E+00	1.02E-01	1.02E+00	1.37E-01	1.74E-01	2.21E-02	2.60E+00	2.35E-01	1.33E+00	1.12E-01	1.86E-03	2.33E-04	4.73E-10	6.06E-11
3.65E+00	3.42E-01	3.92E+00	5.62E-01	1.23E+00	1.42E-01	1.11E+00	1.86E-01	2.03E-01	3.17E-02	2.46E+00	2.32E-01	1.26E+00	1.09E-01	1.97E-03	3.39E-04	5.15E-10	8.82E-11
2.80E+00	2.54E-01	2.50E+00	4.09E-01	9.55E-01	1.03E-01	6.91E-01	1.32E-01	1.29E-01	2.27E-02	1.88E+00	1.72E-01	9.85E-01	8.33E-02	1.39E-03	2.41E-04	3.51E-10	6.26E-11
2.35E+00	2.21E-01	2.13E+00	3.98E-01	9.77E-01	1.02E-01	6.41E-01	1.29E-01	1.25E-01	2.24E-02	1.59E+00	1.50E-01	8.37E-01	7.35E-02	1.30E-03	2.38E-04	3.40E-10	6.17E-11
3.32E+00	4.59E-01	3.35E+00	4.76E-01	1.06E+00	1.36E-01	1.28E+00	1.77E-01	2.48E-01	3.02E-02	2.21E+00	3.10E-01	1.08E+00	1.69E-01	2.72E-03	3.26E-04	7.11E-10	8.53E-11
3.39E+00	4.35E-01	3.21E+00	4.60E-01	9.32E-01	1.29E-01	1.07E+00	1.70E-01	2.09E-01	2.84E-02	2.22E+00	2.94E-01	1.12E+00	1.58E-01	2.28E-03	3.13E-04	5.97E-10	8.18E-11
3.41E+00	4.19E-01	3.12E+00	4.56E-01	8.60E-01	1.25E-01	9.94E-01	1.67E-01	1.88E-01	2.75E-02	2.22E+00	2.83E-01	1.13E+00	1.49E-01	2.02E-03	3.09E-04	5.29E-10	8.08E-11
3.71E+00	4.64E-01	3.50E+00	5.05E-01	1.02E+00	1.36E-01	1.18E+00	1.84E-01	2.24E-01	3.01E-02	2.43E+00	3.14E-01	1.24E+00	1.66E-01	2.37E-03	3.43E-04	6.22E-10	8.96E-11
3.64E+00	4.68E-01	3.38E+00	5.21E-01	1.01E+00	1.38E-01	1.17E+00	1.89E-01	2.21E-01	3.11E-02	2.39E+00	3.18E-01	1.24E+00	1.69E-01	2.28E-03	3.52E-04	5.98E-10	9.20E-11
3.26E+00	4.32E-01	2.91E+00	5.07E-01	8.71E-01	1.30E-01	1.73E+00	1.82E-01	2.05E-01	3.01E-02	2.16E+00	2.95E-01	1.14E+00	1.58E-01	4.16E-03	3.37E-04	1.08E-09	8.82E-11
2.77E+00	3.89E-01	3.63E+00	4.89E-01	7.27E-01	1.23E-01	2.12E+00	1.75E-01	2.50E-01	2.89E-02	1.87E+00	2.67E-01	1.00E+00	1.44E-01	5.06E-03	3.20E-04	1.32E-09	8.37E-11
2.13E+00	3.39E-01	2.50E+00	4.67E-01	5.79E-01	1.17E-01	1.36E+00	1.67E-01	1.53E-01	2.73E-02	1.48E+00	2.34E-01	7.98E-01	1.27E-01	3.09E-03	2.99E-04	8.06E-10	7.82E-11
1.79E+00	3.10E-01	1.83E+00	4.29E-01	5.23E-01	1.08E-01	6.85E-01	1.53E-01	1.21E-01	2.45E-02	1.16E+00	2.14E-01	5.87E-01	1.02E-01	1.31E-03	2.66E-04	3.43E-10	6.96E-11
2.05E+00	3.09E-01	1.94E+00	4.23E-01	5.57E-01	1.07E-01	7.71E-01	1.51E-01	1.29E-01	2.45E-02	1.34E+00	2.15E-01	6.84E-01	1.03E-01	1.50E-03	2.65E-04	3.91E-10	6.94E-11
2.11E+00	3.09E-01	2.30E+00	4.23E-01	6.35E-01	1.09E-01	9.12E-01	1.54E-01	1.54E-01	2.52E-02	1.39E+00	2.18E-01	7.14E-01	1.04E-01	1.76E-03	2.74E-04	4.59E-10	7.17E-11
1.89E+00	2.97E-01	2.67E+00	4.20E-01	7.51E-01	1.10E-01	1.04E+00	1.56E-01	1.78E-01	2.57E-02	1.23E+00	2.13E-01	6.43E-01	1.02E-01	1.98E-03	2.83E-04	5.17E-10	7.39E-11
1.85E+00	2.96E-01	3.07E+00	4.35E-01	8.80E-01	1.15E-01	1.16E+00	1.63E-01	2.02E-01	2.70E-02	1.20E+00	2.14E-01	6.57E-01	1.03E-01	2.19E-03	2.99E-04	5.73E-10	7.83E-11
2.81E+00	3.50E-01	3.70E+00	5.17E-01	1.08E+00	1.36E-01	1.37E+00	1.92E-01	2.42E-01	3.14E-02	1.75E+00	2.56E-01	9.87E-01	1.22E-01	2.58E-03	3.48E-04	6.76E-10	9.10E-11
2.61E+00	3.45E-01	3.98E+00	5.36E-01	1.17E+00	1.42E-01	1.43E+00	2.00E-01	2.58E-01	3.34E-02	1.63E+00	2.55E-01	9.28E-01	1.21E-01	2.69E-03	3.75E-04	7.04E-10	9.82E-11
3.15E+00	3.83E-01	4.16E+00	5.93E-01	1.22E+00	1.58E-01	1.45E+00	2.20E-01	2.65E-01	3.76E-02	2.00E+00	2.66E-01	1.04E+00	1.29E-01	2.73E-03	4.20E-04	7.14E-10	1.10E-10
2.26E+00	3.67E-01	3.74E+00	5.80E-01	1.09E+00	1.53E-01	1.24E+00	2.22E-01	2.33E-01	3.66E-02	1.55E+00	2.49E-01	8.69E-01	1.19E-01	2.34E-03	4.11E-04	6.14E-10	1.08E-10
2.28E+00	3.75E-01	3.85E+00	6.55E-01	1.13E+00	1.93E-01	1.34E+00	2.34E-01	2.43E-01	4.07E-02	1.52E+00	2.56E-01	7.59E-01	1.19E-01	2.48E-03	4.28E-04	6.50E-10	1.12E-10
2.90E+00	4.88E-01	4.55E+00	8.73E-01	1.41E+00	2.60E-01	1.59E+00	3.03E-01	2.86E-01	5.39E-02	2.04E+00	3.37E-01	8.94E-01	1.64E-01	2.87E-03	5.27E-04	7.53E-10	1.38E-10
3.21E+00	5.70E-01	5.28E+00	1.10E+00	1.63E+00	3.28E-01	1.76E+00	3.70E-01	3.27E-01	6.77E-02	2.32E+00	4.02E-01	1.09E+00	1.69E-01	3.29E-03	6.60E-04	8.62E-10	1.73E-10
3.34E+00	6.39E-01	5.93E+00	1.15E+00	1.88E+00	3.32E-01	2.14E+00	3.82E-01	3.87E-01	7.08E-02	2.42E+00	4.55E-01	1.07E+00	2.02E-01	4.06E-03	7.15E-04	1.06E-09	1.87E-10
3.73E+00	8.21E-01	5.90E+00	1.12E+00	2.39E+00	3.15E-01	1.97E+00	3.84E-01	3.69E-01	6.67E-02	2.72E+00	5.62E-01	1.15E+00	2.80E-01	3.88E-03	6.72E-04	1.02E-09	1.76E-10
3.32E+00	1.11E+00	5.80E+00	1.51E+00	1.95E+00	3.68E-01	1.78E+00	4.50E-01	3.59E-01	7.72E-02	2.49E+00	8.17E-01	1.15E+00	3.76E-01	3.47E-03	8.39E-04	9.09E-10	2.20E-10
4.03E+00	8.09E-01	5.78E+00	1.52E+00	2.34E+00	3.50E-01	1.86E+00	5.20E-01	3.82E-01	8.30E-02	3.13E+00	5.81E-01	1.46E+00	2.65E-01	3.64E-03	9.44E-04	9.54E-10	2.48E-10
4.26E+00	1.16E+00	6.31E+00	1.45E+00	2.91E+00	4.42E-01	1.82E+00	3.48E-01	3.63E-01	6.93E-02	3.16E+00	9.18E-01	1.30E+00	4.27E-01	3.56E-03	5.83E-04	9.33E-10	1.53E-10
4.15E+00	8.16E-01	5.69E+00	1.04E+00	1.95E+00	2.49E-01	1.78E+00	3.27E-01	3.19E-01	3.91E-02	3.31E+00	6.13E-01	1.51E+00	2.93E-01	3.38E-03	5.09E-04	8.86E-10	1.34E-10
4.34E+00	5.86E-01	5.19E+00	7.39E-01	1.79E+00	2.13E-01	1.51E+00	1.68E-01	2.95E-01	3.19E-02	3.03E+00	4.70E-01	1.60E+00	2.43E-01	2.63E-03	2.23E-04	6.90E-10	5.85E-11
7.87E+00	5.93E-01	5.14E+00	1.07E+00	1.65E+00	3.43E-01	1.61E+00	3.09E-01	3.20E-01	6.29E-02	5.51E+00	4.19E-01	3.18E+00	1.92E-01	2.93E-03	5.29E-04	7.69E-10	1.39E-10
1.66E+01	8.23E-01	6.16E+00	1.17E+00	1.95E+00	2.78E-01	3.31E+00	4.16E-01	4.34E-01	6.79E-02	9.36E+00	5.97E-01	5.84E+00	3.03E-01	4.71E-03	7.75E-04	1.23E-09	2.03E-10
4.82E+00	5.22E-01	6.75E+00	9.84E-01	2.08E+00	2.28E-01	2.78E+00	3.44E-01	5.07E-01	5.52E-02	3.43E+00	3.64E-01	1.77E+00	1.68E-01	5.77E-03	6.27E-04	1.51E-09	1.65E-10
5.15E+00	5.47E-01	6.32E+00	1.00E+00	2.29E+00	1.95E-01	2.52E+00	3.19E-01	4.39E-01	4.82E-02	3.48E+00	3.80E-01	1.89E+00	1.64E-01	5.14E-03	5.61E-04	1.34E-09	1.47E-10

Scenario 1 Results

4.10E+00	6.79E-01	6.66E+00	9.72E-01	1.83E+00	1.86E-01	2.72E+00	3.10E-01	4.55E-01	4.25E-02	2.71E+00	4.70E-01	1.48E+00	2.23E-01	5.56E-03	4.93E-04	1.46E-09	1.29E-10
2.90E+00	5.22E-01	6.42E+00	5.80E-01	1.60E+00	1.60E-01	2.61E+00	1.95E-01	4.31E-01	3.37E-02	1.88E+00	3.57E-01	1.02E+00	1.81E-01	5.28E-03	3.77E-04	1.38E-09	9.88E-11
2.45E+00	3.57E-01	5.87E+00	4.74E-01	1.45E+00	1.37E-01	2.38E+00	1.72E-01	3.89E-01	2.88E-02	1.64E+00	2.42E-01	8.54E-01	1.27E-01	4.77E-03	3.43E-04	1.25E-09	8.97E-11
2.23E+00	3.04E-01	5.23E+00	3.97E-01	1.28E+00	1.17E-01	2.11E+00	1.54E-01	3.43E-01	2.52E-02	1.50E+00	2.06E-01	7.27E-01	1.08E-01	4.20E-03	3.05E-04	1.10E-09	7.97E-11
2.02E+00	2.85E-01	4.64E+00	3.71E-01	1.25E+00	1.12E-01	1.86E+00	1.38E-01	3.09E-01	2.46E-02	1.36E+00	1.90E-01	6.29E-01	1.04E-01	3.69E-03	2.70E-04	9.63E-10	7.06E-11
1.85E+00	2.53E-01	4.31E+00	3.58E-01	1.23E+00	1.06E-01	1.74E+00	1.29E-01	3.02E-01	2.35E-02	1.24E+00	1.68E-01	5.63E-01	9.36E-02	3.50E-03	2.45E-04	9.11E-10	6.42E-11
2.10E+00	2.39E-01	4.26E+00	3.49E-01	1.21E+00	1.03E-01	1.71E+00	1.26E-01	2.97E-01	2.28E-02	1.28E+00	1.60E-01	6.75E-01	9.00E-02	3.44E-03	2.38E-04	8.93E-10	6.23E-11
2.04E+00	2.31E-01	4.21E+00	3.26E-01	1.20E+00	9.49E-02	1.68E+00	1.19E-01	2.91E-01	2.12E-02	1.27E+00	1.58E-01	6.48E-01	7.69E-02	3.35E-03	2.31E-04	8.68E-10	6.03E-11
1.82E+00	2.37E-01	4.14E+00	3.43E-01	1.18E+00	9.46E-02	1.63E+00	1.23E-01	2.83E-01	2.23E-02	1.24E+00	1.61E-01	6.54E-01	7.97E-02	3.24E-03	2.50E-04	8.38E-10	6.51E-11
1.78E+00	2.21E-01	4.02E+00	3.35E-01	1.15E+00	9.22E-02	1.58E+00	1.22E-01	2.73E-01	2.19E-02	1.21E+00	1.49E-01	5.87E-01	7.49E-02	3.11E-03	2.46E-04	8.04E-10	6.42E-11
1.72E+00	1.75E-01	3.86E+00	2.75E-01	1.11E+00	7.60E-02	1.51E+00	9.94E-02	2.62E-01	1.79E-02	1.18E+00	1.18E-01	4.68E-01	5.95E-02	2.97E-03	2.01E-04	7.66E-10	5.22E-11
1.64E+00	1.36E-01	3.68E+00	2.21E-01	1.07E+00	6.14E-02	1.43E+00	7.94E-02	2.49E-01	1.44E-02	1.15E+00	9.11E-02	4.93E-01	4.61E-02	2.82E-03	1.60E-04	7.25E-10	4.16E-11
1.75E+00	1.39E-01	3.48E+00	2.45E-01	1.02E+00	6.65E-02	1.42E+00	8.78E-02	2.36E-01	1.58E-02	1.22E+00	9.37E-02	5.36E-01	4.76E-02	2.72E-03	1.77E-04	7.04E-10	4.61E-11
1.85E+00	1.34E-01	3.49E+00	2.55E-01	9.63E-01	6.77E-02	1.42E+00	9.03E-02	2.21E-01	1.61E-02	1.28E+00	9.03E-02	5.73E-01	4.60E-02	2.68E-03	1.82E-04	6.93E-10	4.73E-11
1.93E+00	1.32E-01	3.43E+00	2.77E-01	8.97E-01	7.17E-02	1.39E+00	9.62E-02	2.04E-01	1.71E-02	1.30E+00	8.91E-02	5.97E-01	4.56E-02	2.58E-03	1.93E-04	6.67E-10	5.02E-11
2.07E+00	1.63E-01	3.29E+00	3.90E-01	8.17E-01	1.01E-01	1.34E+00	1.41E-01	1.88E-01	2.49E-02	1.47E+00	1.10E-01	7.64E-01	5.69E-02	2.43E-03	2.88E-04	6.28E-10	7.51E-11
2.49E+00	2.39E-01	3.77E+00	7.08E-01	1.53E+00	1.85E-01	1.41E+00	2.80E-01	2.73E-01	4.86E-02	1.74E+00	1.62E-01	8.10E-01	8.58E-02	2.88E-03	5.87E-04	7.54E-10	1.54E-10
2.65E+00	2.61E-01	4.13E+00	7.94E-01	1.81E+00	2.07E-01	1.62E+00	3.24E-01	3.10E-01	5.58E-02	1.87E+00	1.76E-01	7.18E-01	8.59E-02	3.38E-03	6.83E-04	8.86E-10	1.79E-10
1.84E+00	1.43E-01	2.68E+00	4.14E-01	1.11E+00	1.12E-01	1.12E+00	1.60E-01	1.52E-01	2.83E-02	1.30E+00	9.71E-02	5.40E-01	4.84E-02	1.98E-03	3.34E-04	5.11E-10	8.71E-11
1.74E+00	1.31E-01	2.49E+00	3.74E-01	1.05E+00	1.03E-01	1.06E+00	1.42E-01	1.37E-01	2.55E-02	1.25E+00	8.90E-02	5.05E-01	4.07E-02	1.88E-03	2.95E-04	4.85E-10	7.70E-11
3.23E+00	3.49E-01	3.13E+00	4.24E-01	1.05E+00	1.23E-01	1.37E+00	1.63E-01	2.40E-01	2.79E-02	2.11E+00	2.40E-01	1.17E+00	1.31E-01	3.15E-03	3.40E-04	8.26E-10	8.92E-11
3.07E+00	3.21E-01	2.76E+00	3.91E-01	9.34E-01	1.07E-01	1.10E+00	1.43E-01	2.06E-01	2.36E-02	2.03E+00	2.22E-01	1.13E+00	1.22E-01	2.52E-03	2.79E-04	6.60E-10	7.29E-11
2.67E+00	2.70E-01	2.23E+00	3.62E-01	7.50E-01	9.69E-02	8.39E-01	1.28E-01	1.58E-01	2.22E-02	1.80E+00	1.88E-01	1.00E+00	1.04E-01	1.78E-03	2.53E-04	4.65E-10	6.61E-11
2.38E+00	2.62E-01	2.39E+00	3.72E-01	7.82E-01	1.08E-01	8.81E-01	1.44E-01	1.61E-01	2.60E-02	1.65E+00	1.83E-01	9.15E-01	1.01E-01	1.67E-03	2.92E-04	4.38E-10	7.64E-11
1.95E+00	2.68E-01	2.31E+00	3.67E-01	7.22E-01	1.18E-01	1.19E+00	1.48E-01	1.45E-01	2.77E-02	1.33E+00	1.80E-01	7.45E-01	9.28E-02	2.87E-03	3.05E-04	7.47E-10	7.98E-11
2.38E+00	3.30E-01	3.43E+00	4.61E-01	8.35E-01	1.55E-01	2.06E+00	1.86E-01	2.45E-01	3.60E-02	1.55E+00	2.20E-01	7.71E-01	1.05E-01	4.97E-03	3.91E-04	1.30E-09	1.02E-10
2.49E+00	3.37E-01	2.71E+00	4.52E-01	8.53E-01	1.57E-01	1.53E+00	1.80E-01	1.81E-01	3.58E-02	1.63E+00	2.26E-01	8.17E-01	1.08E-01	3.62E-03	3.82E-04	9.44E-10	1.00E-10
2.18E+00	2.93E-01	2.21E+00	3.71E-01	6.91E-01	1.28E-01	8.70E-01	1.46E-01	1.50E-01	2.85E-02	1.44E+00	1.99E-01	7.75E-01	9.57E-02	1.70E-03	2.97E-04	4.44E-10	7.79E-11
1.76E+00	2.36E-01	2.42E+00	3.31E-01	6.87E-01	9.26E-02	9.33E-01	1.28E-01	1.62E-01	2.14E-02	1.15E+00	1.62E-01	6.21E-01	7.83E-02	1.81E-03	2.50E-04	4.72E-10	6.55E-11
1.89E+00	2.49E-01	2.62E+00	3.49E-01	7.50E-01	9.24E-02	9.89E-01	1.33E-01	1.74E-01	2.28E-02	1.20E+00	1.71E-01	6.83E-01	8.26E-02	1.91E-03	2.62E-04	4.98E-10	6.86E-11
1.78E+00	2.29E-01	2.64E+00	3.30E-01	7.63E-01	8.97E-02	9.71E-01	1.24E-01	1.73E-01	2.17E-02	1.14E+00	1.58E-01	6.13E-01	7.64E-02	1.86E-03	2.45E-04	4.86E-10	6.42E-11
1.54E+00	2.14E-01	2.50E+00	3.12E-01	7.29E-01	9.02E-02	8.90E-01	1.16E-01	1.61E-01	2.03E-02	1.02E+00	1.48E-01	5.44E-01	7.16E-02	1.69E-03	2.28E-04	4.42E-10	5.96E-11
1.65E+00	2.21E-01	2.25E+00	3.79E-01	6.59E-01	1.10E-01	8.31E-01	1.40E-01	1.43E-01	2.43E-02	1.08E+00	1.56E-01	6.24E-01	7.46E-02	1.55E-03	2.55E-04	4.04E-10	6.66E-11
1.98E+00	2.70E-01	2.72E+00	4.60E-01	8.22E-01	1.34E-01	9.51E-01	1.68E-01	1.65E-01	2.95E-02	1.29E+00	1.71E-01	6.70E-01	9.37E-02	1.79E-03	3.07E-04	4.69E-10	8.03E-11
2.23E+00	3.71E-01	3.37E+00	5.50E-01	1.01E+00	1.60E-01	1.14E+00	2.00E-01	2.05E-01	3.53E-02	1.45E+00	2.32E-01	7.60E-01	1.27E-01	2.05E-03	3.68E-04	5.36E-10	9.62E-11
2.09E+00	3.56E-01	3.69E+00	6.18E-01	1.10E+00	1.79E-01	1.23E+00	2.23E-01	2.25E-01	3.96E-02	1.39E+00	2.38E-01	7.17E-01	1.28E-01	2.19E-03	4.16E-04	5.74E-10	1.09E-10
2.10E+00	3.44E-01	3.67E+00	6.59E-01	1.07E+00	1.87E-01	1.18E+00	2.37E-01	2.16E-01	4.24E-02	1.47E+00	2.40E-01	6.89E-01	1.11E-01	2.21E-03	4.53E-04	5.79E-10	1.19E-10
2.18E+00	4.49E-01	3.78E+00	6.86E-01	1.16E+00	1.99E-01	1.30E+00	2.31E-01	2.44E-01	4.13E-02	1.54E+00	3.04E-01	6.51E-01	1.48E-01	2.51E-03	4.52E-04	6.55E-10	1.18E-10
2.45E+00	5.59E-01	4.27E+00	8.04E-01	1.47E+00	2.28E-01	1.41E+00	2.73E-01	2.73E-01	4.87E-02	1.71E+00	3.93E-01	7.30E-01	1.84E-01	2.83E-03	4.93E-04	7.40E-10	1.29E-10
2.85E+00	7.67E-01	5.10E+00	1.08E+00	1.76E+00	2.91E-01	1.65E+00	3.67E-01	3.38E-01	5.86E-02	2.03E+00	5.35E-01	8.62E-01	2.47E-01	3.01E-03	5.56E-04	7.89E-10	1.46E-10
2.93E+00	8.96E-01	4.58E+00	1.51E+00	1.84E+00	3.89E-01	1.50E+00	5.02E-01	2.88E-01	8.31E-02	2.12E+00	6.39E-01	9.21E-01	2.79E-01	2.89E-03	8.43E-04	7.56E-10	2.21E-10
3.34E+00	7.66E-01	6.43E+00	1.56E+00	2.08E+00	3.66E-01	2.46E+00	5.26E-01	4.08E-01	8.70E-02	2.43E+00	5.51E-01	9.90E-01	2.28E-01	5.22E-03	9.73E-04	1.37E-09	2.55E-10
3.63E+00	6.59E-01	5.62E+00	1.22E+00	2.00E+00	2.90E-01	1.81E+00	4.21E-01	3.48E-01	6.80E-02	2.68E+00	4.67E-01	1.24E+00	2.03E-01	3.39E-03	7.54E-04	8.89E-10	1.98E-10
4.62E+00	1.38E+00	6.20E+00	1.61E+00	2.71E+00	5.29E-01	2.01E+00	4.74E-01	4.08E-01	9.33E-02	3.48E+00	9.86E-01	1.42E+00	4.70E-01	3.88E-03	8.50E-04	1.02E-09	2.23E-10
3.44E+00	8.46E-01	5.22E+00	1.24E+00	2.38E+00	3.94E-01	1.80E+00	4.05E-01	3.29E-01	6.57E-02	2.53E+00	6.06E-01	1.22E+00	2.63E-01	3.65E-03	7.58E-04	9.56E-10	1.99E-10
3.74E+00	8.39E-01	5.21E+00	1.12E+00	2.06E+00	2.78E-01	2.10E+00	3.71E-01	3.41E-01	5.21E-02	2.48E+00	6.22E-01	1.41E+00	2.84E-01	4.05E-03	6.26E-04	1.06E-09	1.64E-10
3.94E+00	6.82E-01	4.80E+00	9.11E-01	2.00E+00	2.22E-01	1.74E+00	2.80E-01	3.29E-01	4.28E-02	2.36E+00	4.92E-01	1.46E+00	2.49E-01	3.30E-03	3.89E-04	8.66E-10	1.02E-10
4.75E+00	5.77E-01	6.81E+00	9.41E-01	2.04E+00	2.56E-01	2.78E+00	2.71E-01	4.89E-01	4.79E-02	3.29E+00	4.35E-01	1.69E+00	1.94E-01	5.46E-03	4.31E-04	1.43E-09	1.13E-10
5.74E+00	5.19E-01	4.79E+00	7.63E-01	1.35E+00	2.23E-01	1.90E+00	2.82E-01	3.32E-01	5.10E-02	4.10E+00	3.71E-01	2.25E+00	1.84E-01	3.78E-03	5.48E-04	9.91E-10	1.44E-10
9.29E+00	8.13E-01	6.48E+00	1.15E+00	1.75E+00	3.17E-01	2.45E+00	3.38E-01	4.29E-01	6.31E-02	5.57E+00	5.90E-01	3.47E+00	2.89E-01	4.89E-03	5.91E-04	1.28E-09	1.55E-10
2.86E+00	7.31E-01	7.47E+00	8.96E-01	1.99E+00	2.18E-01	3.05E+00	3.06E-01	5.21E-01	4.71E-02	2.26E+00	5.05E-01	1.41E+00	2.49E-01	6.25E-03	5.63E-04	1.64E-09	1.48E-10
3.45E+00	4.43E-01	7.26E+00	7.55E-01	2.08E+00	1.95E-01	2.94E+00	2.93E-01	4.98E-01	4.98E-02	2.36E+00	3.07E-01	1.22E+00	1.47E-01	6.05E-03	5.84E-04	1.58E-09	1.53E-10
3.56E+00	3.77E-01	6.65E+00	8.50E-01	1.62E+00	2.09E-01	2.68E+00	3.25E-01	4.42E-01	5.45E-02	2.26E+00	2.55E-01	1.36E+00	1.38E-01	5.46E-03	6.52E-04	1.43E-09	1.71E-10
3.06E+00	3.71E-01	5.65E+00	8.27E-01	1.40E+00	1.85E-01	2.23E+00	3.04E-01	3.66E-01	4.88E-02	2.19E+00	2.54E-01	1.16E+00	1.03E-01	4.46E-03	5.91E-04	1.16E-09	1.55E-10
3.02E+00	3.94E-01	5.14E+00	7.30E-01	1.28E+00	1.46E-01	2.05E+00	2.61E-01	3.32E-01	3.89E-02	2.07E+00	2.69E-01	1.10E+00	1.19E-01	4.00E-03	4.74E-04	1.04E-09	1.24E-10
2.66E+00	3.58E-01	4.86E+00	5.56E-01	1.22E+00	9.94E-02	1.94E+00	1.94E-01	3.14E-01	2.64E-02	1.79E+00	2.43E-01	9.71E-01	1.14E-01	3.77E-03	3.23E-04	9.82E-10	8.47E-11
2.20E+00	3.07E-01	4.62E+00	4.17E-01	1.16E+00	9.41E-02	1.84E+00	1.44E-01	2.98E-01	2.18E-02	1.48E+00	2.08E-01	8.05E-01	1.02E-01	3.56E-03	2.54E-04	9.26E-10	6.66E-11
2.14E+00	2.61E-01	4.42E+00	3.55E-01	1.15E+00	9.88E-02	1.75E+00	1.32E-01	2.96E-01	2.15E-02	1.46E+00	1.79E-01	6.50E-01	9.29E-02	3.52E-03	2.52E-04	9.19E-10	6.61E-11
2.12E+00	2.58E-01	4.45E+00	3.65E-01	1.19E+00	1.02E-01	1.82E+00	1.28E-01	3.08E-01	2.16E-02	1.45E+00	1.78E-01	6.21E-01	8.73E-02	3.69E-03	2.39E-04	9.62E-10	6.28E-11
2.09E+00	3.01E-01	4.48E+00	3.67E-01	1.19E+00	1.03E-01	1.84E+00	1.21E-01	3.10E-01	2.11E-02	1.43E+00	2.05E-01	6.20E-01	1.02E-01	3.74E-03	2.21E-04	9.75E-10	5.78E-11
2.00E+00	3.28E-01	4.47E+00	3.55E-01	1.17E+00	9.95E-02	1.83E+00	1.13E-01	3.07E-01	1.97E-02	1.38E+00	2.20E-01	5.99E-01	1.15E-01	3.72E-03	1.99E-04	9.68E-10	5.23E-11
1.87E+00	2.40E-01	4.33E+00	2.57E-01	1.12E+00	6.98E-02	1.76E+00	8.98E-02	2.95E-01	1.41E-02	1.30E+00	1.60E-01	5.61E-01	8.60E-02	3.57E-03	1.77E-04	9.30E-10	4.61E-11
1.79E+00	1.85E-01	4.31E+00	2.20E-01	1.10E+00	5.62E-02	1.75E+00	8.81E-02	2.89E-01	1.39E-02	1.25E+00	1.23E-01	5.19E-01	6.72E-02	3.52E-03	1.75E-04	9.17E-10	4.55E-11
1.90E+00	1.76E-01	4.40E+00	2.28E-01	1.10E+00	5.54E-02	1.78E+00	9.08E-02	2.91E-01	1.41E-02	1.32E+00	1.18E-01	5.40E-01	6.51E-02	3.56E-03	1.79E-04	9.25E-10	4.65E-11
2.02E+00	1.53E-01	4.45E+00	2.30E-01	1.06E+00	5.29E-02	1.80E+00	9.17E-02	2.86E-01	1.40E-02	1.38E+00	1.03E-01	5.80E-01	5.72E-02	3.55E-03	1.80E-04	9.21E-10	4.65E-11
2.12E+00	1.41E-01	4.42E+00	2.30E-01	9.75E-01	5.18E-02	1.80E+00	9.21E-02	2.75E-01	1.36E-02	1.42E+00	9.86E-02	6.16E-01	5.19E-02	3.51E-03	1.79E-04	9.11E-10	4.62E-11
2.22E+00	2.09E-01	4.37E+00	2.88E-01	8.63E-01	7.33E-02	1.80E+00	9.43E-02	2.59E-01	1.51E-02	1.44E+00	1.44E-01	6.51E-01	6.67E-02	3.47E-03	1.79E-04	8.98E-10	4.62E-11
2.29E+00	3.21E-01	4.24E+00	4.08E-01	1.29E+00	1.02E-01	1.77E+00	1.62E-01	2.75E-01	2.67E-02	1.62E+00	2.11E-01	6.86E-01	1.03E-01	3.37E-03	3.22E-04	8.73E-10	8.42E-11
2.24E+00	3.15E-01	4.20E+00	4.02E-01	1.21E+00	1.02E-01	1.69E+00	1.64E-01	2.77E-01	2.70E-02	1.41E+00	2.06E-01	6.60E-01	1.03E-01	3.20E-03	3.28E-04	8.29E-10	8.57E-11
2.12E+00	2.08E-01	3.72E+00	2.61E-01	8.06E-01	6.79E-02	1.60E+00	1.03E-01	1.92E-01	1.73E-02	1.24E+00	1.37E-01	6.23E-01	6.97E-02	3.04E-03	2.04E-04	7.85E-10	5.32E-11
1.98E+00	1.70E-01	3.49E+00	2.24E-01	7.13E-01	5.95E-02	1.52E+00	8.58E-02	1.73E-01	1.46E-02	1.13E+00	1.12E-01	5.79E-01	5.81E-02	2.92E-03	1.69E-04	7.54E-10	4.40E-11
2.07E+00	2.92E-01	2.46E+00	4.76E-01	8.80E-01	1.63E-01	9.56E-01	1.96E-01	1.90E-01	3.84E-02	1.36E+00	1.95E-01	6.67E-01	9.24E-02	1.92E-03	4.23E-04	5.02E-10	1.11E-10
2.39E+00	3.26E-01	2.77E+00	5.37E-01	9.87E-01	1.88E-01	1.04E+00	2.20E-01	2.04E-01	4.38E-02	1.57E+00	2.19E-01	7.75E-01	1.01E-01	2.09E-03	4.76E-04	5.48E-10	1.25E-10
1.99E+00	2.70E-01	1.99E+00	3.67E-01	6.93E-01	1.33E-01	6.97E-01	1.46E-01	1.32E-01	2.98E-02	1.31E+00	1.83E-01	6.70E-01	8.62E-02	1.45E-03	3.13E-04	3.79E-10	8.20E-11
1.77E+00	2.47E-01	1.69E+00	3.19E-01	5.39E-01	1.05E-01	6.03E-01	1.23E-01	1.18E-01	2.30E-02	1.18E+00	1.69E-01	6.14E-01	8.01E-02	1.21E-03	2.48E-04	3.18E-10	6.48E-11
1.70E+00	2.51E-01	1.75E+00	3.15E-01	5.80E-01	8.97E-02	7.75E-01	1.20E-01	1.19E-01	2.09E-02	1.12E+00	1.72E-01	5.91E-01	8.20E-02	1.84E-03	2.41E-04	4.79E-10	6.31E-11
2.31E+00	3.19E-01	2.20E+00	3.98E-01	8.15E-01	1.10E-01	1.01E+00	1.49E-01	1.58E-01	2.67E-02	1.49E+00	2.19E-01	7.58E-01	1.04E-01	2.41E-03	3.02E-04	6.27E-10	7.92E-11
2.50E+00	3.33E-01	2.35E+00	4.01E-01	8.20E-01	1.11E-01	8.66E-01	1.45E-01	1.69E-01	2.63E-02	1.63E+00	2.28E-01	8.44E-01	1.10E-01	1.81E-03	2.91E-04	4.75E-10	7.63E-11
2.14E+00	2.81E-01	1.98E+00	3.29E-01	6.45E-01	8.53E-02	7.29E-01	1.09E-01	1.37E-01	1.98E-02	1.42E+00	1.94E-01	8.08E-01	9.42E-02	1.41E-03	2.16E-04	3.67E-10	5.65E-11
1.96E+00	2.42E-01	2.08E+00	3.07E-01	6.14E-01	8.86E-02	7.47E-01	1.15E-01	1.32E-01	2.01E-02	1.32E+00	1.70E-01	7.54E-01	8.25E-02	1.37E-03	2.16E-04	3.58E-10	5.63E-11
1.76E+00	2.50E-01	2.32E+00	3.43E-01	6.85E-01	9.88E-02	8.29E-01	1.28E-01	1.47E-01	2.24E-02	1.15E+00	1.60E-01	6.01E-01	8.67E-02	1.49E-03	2.40E-04	3.90E-10	6.27E-11
1.79E+00	2.90E-01	2.62E+00	3.86E-01	7.68E-01	1.11E-01	9.31E-01	1.44E-01	1.66E-01	2.52E-02	1.14E+00	1.89E-01	5.99E-01	1.04E-01	1.70E-03	2.71E-04	4.44E-10	7.08E-11
1.68E+00	3.06E-01	2.77E+00	4.20E-01	8.05E-01	1.20E-01	9.81E-01	1.55E-01	1.75E-01	2.74E-02	1.12E+00	1.96E-01	6.01E-01	1.07E-01	1.81E-03	2.96E-04	4.74E-10	7.74E-11
2.13E+00	3.32E-01	2.93E+00	4.54E-01	8.52E-01	1.28E-01	1.03E+00	1.69E-01	1.85E-01	2.98E-02	1.32E+00	2.26E-01	7.38E-01	1.22E-01	1.95E-03	3.26E-04	5.11E-10	8.53E-11
2.08E+00	3.36E-01	3.12E+00	4.88E-01	9.11E-01	1.40E-01	1.10E+00	1.73E-01	1.95E-01	3.05E-02	1.28E+00	2.24E-01	7.41E-01	1.05E-01	1.98E-03	3.33E-04	5.19E-10	8.72E-11
2.13E+00	4.23E-01	3.24E+00	5.99E-01	9.35E-01	1.55E-01	1.14E+00	2.13E-01	2.04E-01	3.41E-02	1.33E+00	2.86E-01	7.50E-01	1.34E-01	2.13E-03	3.59E-04	5.58E-10	9.40E-11
1.63E+00	4.33E-01	3.05E+00	6.48E-01	9.45E-01	1.59E-01	1.16E+00	2.27E-01	1.95E-01	3.50E-02	1.12E+00	2.99E-01	5.41E-01	1.38E-01	2.28E-03	3.73E-04	5.96E-10	9.77E-11
1.83E+00	4.66E-01	3.42E+00	6.78E-01	1.06E+00	1.83E-01	1.19E+00	2.40E-01	2.18E-01	3.83E-02	1.27E+00	3.18E-01	5.42E-01	1.47E-01	2.37E-03	3.84E-04	6.21E-10	1.01E-10
1.94E+00	5.61E-01	3.57E+00	9.22E-01	1.07E+00	2.43E-01	1.18E+00	3.25E-01	2.17E-01	5.31E-02	1.38E+00	3.90E-01	5.61E-01	1.74E-01	2.38E-03	5.49E-04	6.24E-10	1.44E-10
2.22E+00	6.53E-01	3.72E+00	1.21E+00	1.21E+00	3.14E-01	1.20E+00	4.27E-01	2.34E-01	7.13E-02	1.58E+00	4.59E-01	6.74E-01	1.96E-01	2.16E-03	7.65E-04	5.65E-10	2.01E-10
2.42E+00	6.69E-01	4.15E+00	1.33E+00	1.42E+00	3.32E-01	1.37E+00	4.73E-01	2.58E-01	7.92E-02	1.72E+00	4.69E-01	7.26E-01	2.16E-01	2.49E-03	8.87E-04	6.54E-10	2.33E-10
2.50E+00	5.73E-01	5.57E+00	8.81E-01	1.65E+00	2.39E-01	2.12E+00	3.31E-01	3.68E-01	4.84E-02	1.80E+00	3.92E-01	8.04E-01	1.85E-01	4.31E-03	5.79E-04	1.13E-09	1.52E-10
2.75E+00	5.06E-01	4.57E+00	9.20E-01	1.43E+00	2.12E-01	1.46E+00	3.28E-01	2.70E-01	5.09E-02	1.96E+00	3.54E-01	9.27E-01	1.56E-01	3.36E-03	5.87E-04	8.79E-10	1.54E-10
3.15E+00	8.94E-01	4.70E+00	1.13E+00	1.86E+00	3.67E-01	1.45E+00	3.68E-01	2.74E-01	6.85E-02	2.29E+00	6.24E-01	9.38E-01	2.86E-01	2.88E-03	6.56E-04	7.54E-10	1.72E-10
3.92E+00	8.85E-01	5.13E+00	1.71E+00	2.25E+00	4.34E-01	1.85E+00	5.67E-01	3.40E-01	9.65E-02	2.69E+00	6.47E-01	1.45E+00	2.69E-01	3.61E-03	1.02E-03	9.46E-10	2.67E-10

Scenario 1 Results

3.49E+00	9.34E-01	5.08E+00	1.48E+00	1.73E+00	4.03E-01	1.76E+00	5.06E-01	3.18E-01	8.12E-02	2.55E+00	6.65E-01	1.16E+00	3.06E-01	3.57E-03	8.74E-04	9.35E-10	2.29E-10
3.63E+00	1.19E+00	7.16E+00	1.69E+00	1.75E+00	3.85E-01	2.97E+00	4.93E-01	4.81E-01	7.56E-02	2.66E+00	8.66E-01	1.21E+00	3.96E-01	5.95E-03	7.39E-04	1.56E-09	1.94E-10
4.38E+00	9.76E-01	5.26E+00	1.38E+00	1.55E+00	2.87E-01	2.04E+00	4.50E-01	3.50E-01	5.72E-02	2.70E+00	7.39E-01	1.67E+00	3.55E-01	4.12E-03	6.94E-04	1.08E-09	1.82E-10
3.21E+00	4.45E-01	7.32E+00	6.23E-01	1.77E+00	1.73E-01	3.07E+00	2.26E-01	4.96E-01	3.94E-02	2.14E+00	3.11E-01	1.16E+00	1.52E-01	6.22E-03	4.21E-04	1.63E-09	1.10E-10
4.77E+00	6.02E-01	7.89E+00	9.58E-01	2.23E+00	2.35E-01	3.22E+00	3.15E-01	5.61E-01	4.45E-02	3.23E+00	4.30E-01	1.61E+00	1.98E-01	6.51E-03	5.20E-04	1.70E-09	1.36E-10
4.89E+00	4.53E-01	5.04E+00	7.22E-01	1.43E+00	2.05E-01	1.95E+00	2.16E-01	3.38E-01	3.86E-02	3.50E+00	3.16E-01	1.92E+00	1.53E-01	3.95E-03	4.17E-04	1.04E-09	1.09E-10
3.55E+00	6.58E-01	4.50E+00	1.15E+00	1.15E+00	2.60E-01	1.66E+00	3.80E-01	2.81E-01	5.98E-02	2.42E+00	4.72E-01	1.51E+00	2.07E-01	3.21E-03	6.53E-04	8.40E-10	1.71E-10
2.98E+00	6.30E-01	5.88E+00	1.16E+00	1.51E+00	3.00E-01	2.34E+00	3.98E-01	3.94E-01	6.68E-02	2.01E+00	4.42E-01	1.05E+00	1.88E-01	4.73E-03	7.04E-04	1.23E-09	1.85E-10
2.75E+00	4.93E-01	6.11E+00	6.72E-01	1.59E+00	1.65E-01	2.52E+00	2.43E-01	4.22E-01	3.51E-02	1.98E+00	3.33E-01	9.32E-01	1.61E-01	5.14E-03	3.74E-04	1.34E-09	9.82E-11
2.63E+00	2.56E-01	5.78E+00	4.40E-01	1.52E+00	1.18E-01	2.40E+00	1.77E-01	4.03E-01	2.90E-02	1.83E+00	1.76E-01	9.03E-01	7.58E-02	4.91E-03	3.47E-04	1.28E-09	9.09E-11
2.42E+00	3.22E-01	5.33E+00	5.09E-01	1.41E+00	1.35E-01	2.21E+00	2.04E-01	3.70E-01	3.50E-02	1.64E+00	2.17E-01	8.99E-01	1.09E-01	4.48E-03	4.16E-04	1.17E-09	1.09E-10
2.11E+00	2.22E-01	4.84E+00	5.83E-01	1.29E+00	1.48E-01	1.99E+00	2.31E-01	3.35E-01	3.92E-02	1.42E+00	1.56E-01	7.90E-01	7.85E-02	4.04E-03	4.73E-04	1.05E-09	1.24E-10
1.89E+00	2.42E-01	4.39E+00	5.85E-01	1.19E+00	1.39E-01	1.80E+00	2.28E-01	3.06E-01	3.72E-02	1.28E+00	1.65E-01	7.00E-01	7.04E-02	3.67E-03	4.55E-04	9.52E-10	1.19E-10
1.96E+00	2.74E-01	4.00E+00	5.88E-01	1.10E+00	1.30E-01	1.63E+00	2.26E-01	2.81E-01	3.53E-02	1.38E+00	1.86E-01	6.99E-01	7.85E-02	3.37E-03	4.36E-04	8.71E-10	1.14E-10
2.01E+00	2.71E-01	3.66E+00	5.13E-01	1.02E+00	1.05E-01	1.49E+00	1.93E-01	2.59E-01	2.87E-02	1.37E+00	1.84E-01	7.19E-01	8.55E-02	3.11E-03	3.57E-04	8.02E-10	9.36E-11
1.89E+00	2.79E-01	3.35E+00	4.27E-01	9.38E-01	8.10E-02	1.36E+00	1.58E-01	2.39E-01	2.23E-02	1.29E+00	1.93E-01	7.03E-01	9.35E-02	2.88E-03	2.79E-04	7.40E-10	7.32E-11
1.95E+00	3.08E-01	3.09E+00	3.54E-01	8.60E-01	1.04E-01	1.25E+00	1.29E-01	2.19E-01	2.10E-02	1.34E+00	2.11E-01	7.42E-01	1.04E-01	2.65E-03	2.33E-04	6.81E-10	6.12E-11
1.63E+00	2.50E-01	2.95E+00	2.97E-01	7.84E-01	9.25E-02	1.14E+00	1.10E-01	2.00E-01	1.86E-02	1.15E+00	1.71E-01	5.57E-01	8.64E-02	2.44E-03	2.16E-04	6.23E-10	5.65E-11
1.52E+00	1.72E-01	3.04E+00	2.49E-01	7.75E-01	6.67E-02	1.19E+00	9.49E-02	1.97E-01	1.57E-02	1.07E+00	1.16E-01	4.93E-01	6.07E-02	2.34E-03	1.84E-04	6.10E-10	4.81E-11
1.42E+00	1.56E-01	3.26E+00	2.38E-01	8.22E-01	6.61E-02	1.27E+00	9.05E-02	2.11E-01	1.48E-02	9.97E-01	1.06E-01	4.42E-01	5.57E-02	2.52E-03	1.73E-04	6.57E-10	4.53E-11
1.52E+00	1.64E-01	3.44E+00	2.26E-01	8.26E-01	6.34E-02	1.36E+00	8.49E-02	2.20E-01	1.37E-02	1.03E+00	1.12E-01	4.23E-01	5.34E-02	2.70E-03	1.66E-04	7.00E-10	4.30E-11
1.62E+00	1.77E-01	3.59E+00	2.19E-01	7.82E-01	6.16E-02	1.45E+00	8.63E-02	2.23E-01	1.29E-02	1.08E+00	1.20E-01	4.58E-01	6.00E-02	2.88E-03	1.74E-04	7.47E-10	4.52E-11
1.73E+00	2.31E-01	3.75E+00	2.54E-01	7.04E-01	7.15E-02	1.54E+00	9.55E-02	2.24E-01	1.48E-02	1.12E+00	1.56E-01	4.96E-01	8.05E-02	3.08E-03	1.91E-04	7.98E-10	4.97E-11
2.59E+00	3.03E-01	4.62E+00	3.95E-01	9.91E-01	1.11E-01	1.75E+00	1.42E-01	2.61E-01	2.46E-02	1.57E+00	2.03E-01	7.07E-01	1.08E-01	3.22E-03	2.57E-04	8.36E-10	6.75E-11
2.33E+00	2.59E-01	3.88E+00	3.52E-01	8.21E-01	9.91E-02	1.60E+00	1.25E-01	2.17E-01	2.16E-02	1.40E+00	1.73E-01	6.51E-01	9.35E-02	3.20E-03	2.22E-04	8.30E-10	5.82E-11
1.81E+00	1.95E-01	3.57E+00	2.65E-01	5.96E-01	7.40E-02	1.57E+00	9.27E-02	1.92E-01	1.57E-02	1.08E+00	1.30E-01	5.08E-01	7.13E-02	3.17E-03	1.86E-04	8.21E-10	4.82E-11
1.83E+00	1.77E-01	3.45E+00	2.62E-01	5.92E-01	7.23E-02	1.55E+00	9.10E-02	1.82E-01	1.52E-02	1.09E+00	1.18E-01	5.09E-01	6.57E-02	3.18E-03	1.83E-04	8.22E-10	4.73E-11
1.80E+00	2.76E-01	2.02E+00	3.53E-01	7.79E-01	1.03E-01	7.87E-01	1.37E-01	1.69E-01	2.49E-02	1.15E+00	1.90E-01	6.14E-01	8.99E-02	1.72E-03	2.81E-04	4.50E-10	7.34E-11
1.89E+00	2.70E-01	1.95E+00	3.29E-01	7.50E-01	9.41E-02	8.00E-01	1.20E-01	1.57E-01	2.21E-02	1.24E+00	1.86E-01	6.56E-01	8.95E-02	1.73E-03	2.44E-04	4.52E-10	6.38E-11
1.96E+00	2.67E-01	2.07E+00	3.14E-01	7.26E-01	8.58E-02	8.18E-01	1.06E-01	1.63E-01	1.97E-02	1.28E+00	1.84E-01	7.02E-01	8.96E-02	1.71E-03	2.12E-04	4.47E-10	5.55E-11
1.83E+00	2.36E-01	1.85E+00	2.72E-01	6.45E-01	7.31E-02	7.82E-01	9.88E-02	1.35E-01	1.78E-02	1.21E+00	1.64E-01	6.84E-01	8.04E-02	1.83E-03	2.01E-04	4.76E-10	5.26E-11
1.60E+00	1.96E-01	2.08E+00	2.46E-01	5.20E-01	7.34E-02	1.11E+00	9.74E-02	1.52E-01	1.74E-02	1.05E+00	1.37E-01	5.97E-01	6.75E-02	2.60E-03	1.94E-04	6.77E-10	5.06E-11
1.86E+00	2.72E-01	2.04E+00	2.84E-01	5.93E-01	8.40E-02	7.86E-01	1.11E-01	1.32E-01	1.97E-02	1.20E+00	1.76E-01	6.52E-01	9.40E-02	1.76E-03	2.16E-04	4.57E-10	5.64E-11
2.18E+00	3.65E-01	2.28E+00	3.27E-01	6.87E-01	9.56E-02	8.87E-01	1.26E-01	1.49E-01	2.21E-02	1.42E+00	2.36E-01	7.73E-01	1.28E-01	1.84E-03	2.39E-04	4.82E-10	6.27E-11
2.04E+00	3.41E-01	2.34E+00	3.19E-01	6.72E-01	9.10E-02	8.59E-01	1.20E-01	1.52E-01	2.11E-02	1.33E+00	2.23E-01	7.03E-01	1.22E-01	1.63E-03	2.33E-04	4.27E-10	6.08E-11
1.72E+00	3.19E-01	2.30E+00	3.27E-01	6.55E-01	9.21E-02	8.42E-01	1.23E-01	1.49E-01	2.16E-02	1.14E+00	2.07E-01	6.22E-01	1.12E-01	1.61E-03	2.40E-04	4.22E-10	6.27E-11
1.68E+00	2.66E-01	2.31E+00	3.41E-01	6.69E-01	9.66E-02	8.39E-01	1.26E-01	1.48E-01	2.16E-02	1.07E+00	1.81E-01	5.95E-01	9.80E-02	1.56E-03	2.41E-04	4.08E-10	6.30E-11
1.82E+00	2.81E-01	2.49E+00	4.36E-01	7.11E-01	1.17E-01	9.10E-01	1.59E-01	1.61E-01	2.56E-02	1.07E+00	1.88E-01	6.35E-01	8.55E-02	1.72E-03	2.64E-04	4.50E-10	6.92E-11
2.45E+00	3.75E-01	2.61E+00	5.83E-01	7.41E-01	1.52E-01	9.67E-01	2.11E-01	1.70E-01	3.35E-02	1.56E+00	2.53E-01	8.77E-01	1.15E-01	1.87E-03	3.50E-04	4.90E-10	9.16E-11
2.73E+00	4.26E-01	2.61E+00	6.75E-01	7.27E-01	1.70E-01	9.79E-01	2.42E-01	1.71E-01	3.81E-02	1.65E+00	2.91E-01	9.50E-01	1.32E-01	1.91E-03	4.04E-04	5.00E-10	1.06E-10
2.02E+00	3.89E-01	2.85E+00	6.27E-01	8.42E-01	1.51E-01	1.03E+00	2.23E-01	1.84E-01	3.49E-02	1.27E+00	2.64E-01	6.91E-01	1.22E-01	1.90E-03	3.81E-04	4.97E-10	9.99E-11
1.69E+00	4.56E-01	2.99E+00	7.20E-01	9.06E-01	1.87E-01	1.05E+00	2.59E-01	1.88E-01	4.14E-02	1.14E+00	3.12E-01	6.09E-01	1.42E-01	2.02E-03	4.32E-04	5.28E-10	1.13E-10
2.03E+00	5.14E-01	3.30E+00	9.10E-01	9.54E-01	2.36E-01	1.17E+00	3.29E-01	2.10E-01	5.39E-02	1.35E+00	3.57E-01	7.08E-01	1.56E-01	2.18E-03	5.81E-04	5.71E-10	1.52E-10
3.09E+00	6.15E-01	3.60E+00	1.10E+00	1.07E+00	2.84E-01	1.23E+00	4.00E-01	2.22E-01	6.69E-02	2.01E+00	4.16E-01	1.17E+00	1.87E-01	2.18E-03	7.40E-04	5.71E-10	1.94E-10
2.24E+00	6.07E-01	3.45E+00	1.11E+00	1.04E+00	2.85E-01	1.20E+00	4.06E-01	2.22E-01	6.87E-02	1.44E+00	4.18E-01	8.42E-01	1.93E-01	2.24E-03	7.75E-04	5.86E-10	2.03E-10
2.03E+00	4.71E-01	3.66E+00	8.61E-01	1.26E+00	2.08E-01	1.24E+00	3.21E-01	2.41E-01	5.26E-02	1.42E+00	3.18E-01	6.44E-01	1.45E-01	2.28E-03	6.16E-04	5.97E-10	1.61E-10
2.12E+00	4.65E-01	4.04E+00	6.59E-01	1.30E+00	1.79E-01	1.49E+00	2.42E-01	2.77E-01	4.08E-02	1.49E+00	3.24E-01	6.55E-01	1.59E-01	2.79E-03	4.48E-04	7.28E-10	1.17E-10
2.15E+00	4.10E-01	4.04E+00	6.95E-01	1.13E+00	1.65E-01	1.63E+00	2.48E-01	2.47E-01	3.91E-02	1.53E+00	2.84E-01	7.37E-01	1.29E-01	3.58E-03	4.38E-04	9.35E-10	1.15E-10
2.47E+00	6.31E-01	3.93E+00	8.41E-01	1.49E+00	2.80E-01	1.20E+00	2.95E-01	2.37E-01	5.34E-02	1.77E+00	4.36E-01	8.00E-01	1.94E-01	2.24E-03	5.45E-04	5.89E-10	1.43E-10
2.63E+00	8.32E-01	4.50E+00	1.52E+00	1.67E+00	4.33E-01	1.33E+00	4.99E-01	2.86E-01	8.90E-02	1.92E+00	5.95E-01	9.61E-01	2.57E-01	2.45E-03	8.65E-04	6.44E-10	2.27E-10
2.65E+00	4.90E-01	5.09E+00	8.51E-01	1.28E+00	2.53E-01	2.13E+00	2.91E-01	3.59E-01	5.12E-02	1.77E+00	3.43E-01	9.52E-01	1.51E-01	4.50E-03	5.03E-04	1.18E-09	1.32E-10
2.60E+00	5.70E-01	5.96E+00	1.02E+00	1.88E+00	2.69E-01	2.21E+00	3.59E-01	4.13E-01	5.98E-02	1.75E+00	4.05E-01	7.63E-01	1.92E-01	4.26E-03	6.82E-04	1.12E-09	1.79E-10
2.84E+00	9.33E-01	7.11E+00	1.44E+00	1.75E+00	3.23E-01	2.95E+00	4.62E-01	4.82E-01	7.06E-02	1.94E+00	6.68E-01	8.89E-01	3.03E-01	5.98E-03	7.35E-04	1.57E-09	1.93E-10
3.53E+00	8.65E-01	5.52E+00	1.44E+00	1.64E+00	3.21E-01	2.13E+00	4.53E-01	3.85E-01	7.09E-02	2.36E+00	6.34E-01	1.37E+00	2.80E-01	4.23E-03	7.49E-04	1.11E-09	1.96E-10
2.80E+00	6.06E-01	6.57E+00	8.97E-01	1.94E+00	1.92E-01	2.50E+00	3.12E-01	4.50E-01	4.67E-02	1.85E+00	4.35E-01	7.58E-01	2.07E-01	4.95E-03	5.32E-04	1.30E-09	1.40E-10
3.11E+00	3.78E-01	6.67E+00	7.72E-01	2.21E+00	2.05E-01	2.62E+00	2.51E-01	4.67E-01	4.45E-02	2.11E+00	2.70E-01	1.13E+00	1.25E-01	5.35E-03	4.58E-04	1.40E-09	1.20E-10
4.14E+00	5.23E-01	6.94E+00	8.36E-01	1.93E+00	1.90E-01	2.88E+00	2.90E-01	5.00E-01	4.06E-02	2.81E+00	3.67E-01	1.38E+00	1.71E-01	5.94E-03	4.88E-04	1.55E-09	1.28E-10
3.92E+00	3.55E-01	4.90E+00	5.87E-01	1.35E+00	1.70E-01	1.93E+00	1.81E-01	3.40E-01	3.36E-02	2.82E+00	2.46E-01	1.55E+00	1.17E-01	3.97E-03	3.42E-04	1.04E-09	8.98E-11
3.23E+00	4.85E-01	3.96E+00	1.01E+00	1.00E+00	2.57E-01	1.56E+00	3.48E-01	2.65E-01	5.94E-02	2.18E+00	3.43E-01	1.24E+00	1.38E-01	3.23E-03	6.49E-04	8.40E-10	1.70E-10
2.31E+00	5.22E-01	4.00E+00	9.51E-01	9.62E-01	2.71E-01	1.53E+00	3.32E-01	2.46E-01	6.00E-02	1.64E+00	3.57E-01	7.89E-01	1.69E-01	2.93E-03	6.26E-04	7.64E-10	1.64E-10
2.59E+00	4.61E-01	4.61E+00	8.19E-01	1.13E+00	2.08E-01	1.83E+00	2.95E-01	2.95E-01	4.79E-02	1.74E+00	3.18E-01	9.24E-01	1.39E-01	3.58E-03	5.22E-04	9.33E-10	1.37E-10
2.29E+00	3.20E-01	4.85E+00	4.69E-01	1.18E+00	1.21E-01	1.95E+00	1.72E-01	3.13E-01	2.67E-02	1.56E+00	2.16E-01	7.07E-01	1.02E-01	3.82E-03	2.88E-04	9.94E-10	7.47E-11
2.23E+00	2.05E-01	4.76E+00	3.81E-01	1.17E+00	1.07E-01	1.93E+00	1.44E-01	3.09E-01	2.33E-02	1.49E+00	1.41E-01	6.91E-01	6.76E-02	3.79E-03	2.83E-04	9.81E-10	7.34E-11
2.12E+00	2.42E-01	4.49E+00	3.33E-01	1.13E+00	8.71E-02	1.83E+00	1.35E-01	2.96E-01	2.21E-02	1.46E+00	1.64E-01	7.37E-01	7.74E-02	3.61E-03	2.69E-04	9.34E-10	6.96E-11
2.00E+00	2.42E-01	4.16E+00	4.03E-01	1.07E+00	1.11E-01	1.69E+00	1.63E-01	2.78E-01	2.85E-02	1.38E+00	1.62E-01	7.61E-01	8.35E-02	3.40E-03	3.37E-04	8.74E-10	8.83E-11
1.62E+00	1.95E-01	3.84E+00	4.66E-01	1.01E+00	1.23E-01	1.56E+00	1.88E-01	2.59E-01	3.23E-02	1.09E+00	1.37E-01	5.81E-01	6.58E-02	3.17E-03	3.88E-04	8.14E-10	1.02E-10
1.42E+00	2.04E-01	3.52E+00	4.89E-01	9.39E-01	1.22E-01	1.43E+00	1.96E-01	2.41E-01	3.27E-02	9.68E-01	1.32E-01	5.33E-01	6.55E-02	2.95E-03	3.98E-04	7.54E-10	1.04E-10
1.83E+00	2.63E-01	3.22E+00	4.99E-01	8.70E-01	1.17E-01	1.31E+00	1.98E-01	2.23E-01	3.20E-02	1.31E+00	1.67E-01	5.91E-01	8.60E-02	2.73E-03	3.94E-04	6.97E-10	1.03E-10
2.11E+00	2.81E-01	2.93E+00	4.61E-01	7.98E-01	1.14E-01	1.19E+00	1.81E-01	2.04E-01	2.82E-02	1.45E+00	1.89E-01	6.83E-01	9.53E-02	2.51E-03	3.51E-04	6.40E-10	9.19E-11
1.21E+00	1.88E-01	2.64E+00	3.62E-01	7.21E-01	7.56E-02	1.08E+00	1.39E-01	1.85E-01	2.08E-02	8.24E-01	1.28E-01	4.33E-01	6.05E-02	2.29E-03	2.60E-04	5.82E-10	6.81E-11
1.34E+00	1.87E-01	2.34E+00	3.11E-01	6.39E-01	6.15E-02	9.62E-01	1.18E-01	1.65E-01	1.70E-02	9.07E-01	1.29E-01	4.56E-01	6.25E-02	2.05E-03	2.13E-04	5.22E-10	5.58E-11
1.48E+00	1.84E-01	2.15E+00	2.62E-01	5.55E-01	5.90E-02	8.43E-01	9.78E-02	1.45E-01	1.46E-02	1.00E+00	1.27E-01	5.18E-01	6.27E-02	1.81E-03	1.72E-04	4.59E-10	4.50E-11
1.55E+00	1.67E-01	2.03E+00	2.17E-01	5.33E-01	6.24E-02	7.65E-01	8.44E-02	1.23E-01	1.45E-02	1.06E+00	1.16E-01	5.58E-01	5.82E-02	1.55E-03	1.68E-04	3.92E-10	4.40E-11
1.97E+00	1.87E-01	2.40E+00	2.44E-01	7.84E-01	7.83E-02	7.68E-01	8.78E-02	1.26E-01	1.51E-02	1.35E+00	1.30E-01	7.09E-01	6.55E-02	1.50E-03	1.73E-04	3.89E-10	4.54E-11
2.44E+00	2.02E-01	3.49E+00	3.08E-01	1.17E+00	9.86E-02	8.73E-01	1.06E-01	1.99E-01	1.90E-02	1.66E+00	1.42E-01	8.65E-01	7.18E-02	1.77E-03	2.09E-04	4.64E-10	5.49E-11
2.11E+00	1.75E-01	3.12E+00	2.66E-01	1.03E+00	7.74E-02	9.26E-01	9.52E-02	1.77E-01	1.69E-02	1.43E+00	1.22E-01	7.49E-01	5.88E-02	1.88E-03	1.81E-04	4.87E-10	4.74E-11
1.77E+00	1.63E-01	2.62E+00	2.27E-01	8.38E-01	6.44E-02	9.65E-01	7.95E-02	1.43E-01	1.39E-02	1.20E+00	1.12E-01	6.27E-01	5.15E-02	2.00E-03	1.61E-04	5.19E-10	4.19E-11
1.79E+00	1.87E-01	2.97E+00	2.38E-01	9.52E-01	7.01E-02	1.02E+00	8.14E-02	1.64E-01	1.53E-02	1.21E+00	1.28E-01	6.29E-01	6.16E-02	2.16E-03	1.73E-04	5.60E-10	4.48E-11
2.21E+00	2.52E-01	2.67E+00	3.36E-01	9.99E-01	9.43E-02	1.08E+00	1.33E-01	2.25E-01	2.26E-02	1.33E+00	1.70E-01	8.00E-01	8.50E-02	2.37E-03	2.54E-04	6.21E-10	6.63E-11
2.06E+00	2.94E-01	2.21E+00	3.02E-01	8.06E-01	9.17E-02	9.31E-01	1.19E-01	1.76E-01	2.15E-02	1.31E+00	1.94E-01	7.17E-01	1.01E-01	1.99E-03	2.37E-04	5.18E-10	6.19E-11
1.97E+00	3.19E-01	1.98E+00	2.94E-01	7.02E-01	8.81E-02	8.57E-01	1.14E-01	1.50E-01	2.03E-02	1.27E+00	2.08E-01	6.88E-01	1.11E-01	1.82E-03	2.21E-04	4.76E-10	5.76E-11
2.05E+00	3.70E-01	2.13E+00	3.15E-01	7.26E-01	9.30E-02	1.04E+00	1.20E-01	1.46E-01	2.12E-02	1.33E+00	2.41E-01	7.16E-01	1.31E-01	2.47E-03	2.28E-04	6.41E-10	5.96E-11
2.10E+00	3.66E-01	2.45E+00	3.17E-01	5.98E-01	9.17E-02	1.34E+00	1.19E-01	1.74E-01	2.07E-02	1.38E+00	2.40E-01	7.34E-01	1.32E-01	3.17E-03	2.21E-04	8.24E-10	5.78E-11
1.84E+00	3.07E-01	1.88E+00	2.97E-01	5.37E-01	8.37E-02	8.08E-01	1.13E-01	1.23E-01	1.90E-02	1.15E+00	2.00E-01	6.34E-01	1.08E-01	1.81E-03	2.03E-04	4.69E-10	5.30E-11
1.74E+00	2.64E-01	2.00E+00	3.53E-01	5.66E-01	9.74E-02	7.48E-01	1.32E-01	1.31E-01	2.19E-02	1.08E+00	1.78E-01	6.00E-01	9.61E-02	1.44E-03	2.32E-04	3.75E-10	6.08E-11
1.60E+00	2.45E-01	2.02E+00	4.06E-01	5.66E-01	1.09E-01	7.59E-01	1.50E-01	1.33E-01	2.44E-02	9.38E-01	1.64E-01	5.58E-01	7.69E-02	1.47E-03	2.59E-04	3.84E-10	6.77E-11
1.81E+00	2.88E-01	1.96E+00	4.68E-01	5.52E-01	1.22E-01	7.40E-01	1.71E-01	1.30E-01	2.74E-02	1.14E+00	1.94E-01	6.40E-01	8.75E-02	1.45E-03	2.91E-04	3.80E-10	7.63E-11
1.51E+00	3.13E-01	1.99E+00	5.07E-01	5.35E-01	1.28E-01	7.56E-01	1.84E-01	1.28E-01	2.90E-02	1.00E+00	2.13E-01	5.68E-01	9.64E-02	1.45E-03	3.12E-04	3.80E-10	8.17E-11
2.01E+00	3.26E-01	2.23E+00	5.41E-01	6.51E-01	1.32E-01	8.22E-01	1.95E-01	1.46E-01	3.06E-02	1.19E+00	2.24E-01	7.06E-01	1.01E-01	1.55E-03	3.35E-04	4.06E-10	8.78E-11
2.25E+00	3.82E-01	2.49E+00	5.95E-01	7.09E-01	1.54E-01	9.30E-01	2.14E-01	1.64E-01	3.40E-02	1.44E+00	2.59E-01	7.80E-01	1.18E-01	1.79E-03	3.56E-04	4.69E-10	9.31E-11
1.98E+00	4.29E-01	2.79E+00	7.13E-01	8.17E-01	1.83E-01	1.01E+00	2.60E-01	1.81E-01	4.16E-02	1.22E+00	2.94E-01	6.92E-01	1.32E-01	1.90E-03	4.48E-04	4.96E-10	1.17E-10
1.92E+00	4.24E-01	2.66E+00	7.82E-01	7.50E-01	2.02E-01	9.76E-01	2.89E-01	1.73E-01	4.73E-02	1.27E+00	2.93E-01	6.97E-01	1.27E-01	1.88E-03	5.22E-04	4.91E-10	1.37E-10
2.19E+00	4.73E-01	2.84E+00	8.55E-01	8.27E-01	2.22E-01	1.00E+00	3.18E-01	1.79E-01	5.31E-02	1.41E+00	3.20E-01	8.24E-01	1.42E-01	1.83E-03	5.96E-04	4.79E-10	1.56E-10
2.25E+00	5.03E-01	2.75E+00	8.92E-01	8.11E-01	2.32E-01	1.01E+00	3.34E-01	1.77E-01	5.65E-02	1.42E+00	3.44E-01	8.28E-01	1.58E-01	1.88E-03	6.43E-04	4.93E-10	1.68E-10
2.05E+00	4.64E-01	3.26E+00	8.58E-01	9.87E-01	2.20E-01	1.17E+00	3.26E-01	2.06E-01	5.46E-02	1.30E+00	3.19E-01	7.67E-01	1.51E-01	2.21E-03	6.31E-04	5.78E-10	1.65E-10

Scenario 1 Results

2.88E+00	6.26E-01	3.55E+00	7.98E-01	1.09E+00	2.02E-01	1.26E+00	2.97E-01	2.34E-01	4.29E-02	1.76E+00	4.17E-01	1.02E+00	2.07E-01	2.36E-03	4.90E-04	6.19E-10	1.28E-10
2.17E+00	5.06E-01	3.65E+00	6.68E-01	1.14E+00	1.76E-01	1.25E+00	2.47E-01	2.36E-01	4.16E-02	1.37E+00	3.55E-01	7.58E-01	1.82E-01	2.29E-03	4.61E-04	6.01E-10	1.21E-10
1.93E+00	4.29E-01	3.60E+00	6.35E-01	1.09E+00	1.69E-01	1.40E+00	2.22E-01	2.35E-01	3.77E-02	1.33E+00	2.92E-01	6.56E-01	1.38E-01	2.89E-03	3.97E-04	7.53E-10	1.04E-10
2.10E+00	5.08E-01	3.66E+00	7.26E-01	1.32E+00	2.52E-01	1.20E+00	2.44E-01	2.28E-01	4.29E-02	1.48E+00	3.48E-01	6.59E-01	1.51E-01	2.21E-03	4.58E-04	5.81E-10	1.20E-10
2.31E+00	9.55E-01	3.98E+00	1.57E+00	1.48E+00	3.83E-01	1.32E+00	5.38E-01	2.45E-01	8.51E-02	1.63E+00	6.68E-01	6.64E-01	2.98E-01	2.46E-03	9.04E-04	6.44E-10	2.37E-10
2.89E+00	4.52E-01	4.18E+00	9.13E-01	1.36E+00	2.18E-01	1.58E+00	3.48E-01	2.91E-01	5.55E-02	1.95E+00	3.18E-01	1.07E+00	1.45E-01	3.09E-03	6.85E-04	8.09E-10	1.80E-10
2.31E+00	5.79E-01	4.31E+00	9.97E-01	1.20E+00	2.83E-01	1.90E+00	3.38E-01	3.09E-01	5.82E-02	1.64E+00	4.03E-01	7.04E-01	1.73E-01	4.13E-03	6.05E-04	1.08E-09	1.59E-10
2.58E+00	4.84E-01	6.35E+00	8.98E-01	1.84E+00	2.14E-01	2.47E+00	3.42E-01	4.40E-01	5.39E-02	1.74E+00	3.47E-01	6.87E-01	1.57E-01	4.92E-03	6.30E-04	1.29E-09	1.65E-10
2.51E+00	7.14E-01	6.23E+00	1.16E+00	1.59E+00	2.62E-01	2.54E+00	3.89E-01	4.23E-01	5.98E-02	1.71E+00	5.06E-01	8.20E-01	2.28E-01	5.13E-03	6.47E-04	1.34E-09	1.70E-10
3.44E+00	6.75E-01	4.78E+00	1.23E+00	1.54E+00	3.23E-01	1.83E+00	3.88E-01	3.45E-01	6.74E-02	2.31E+00	4.84E-01	1.14E+00	2.11E-01	3.74E-03	6.68E-04	9.77E-10	1.75E-10
2.75E+00	5.26E-01	4.96E+00	8.75E-01	1.40E+00	2.43E-01	2.01E+00	2.81E-01	3.42E-01	4.68E-02	1.54E+00	3.79E-01	9.61E-01	1.60E-01	4.22E-03	4.99E-04	1.10E-09	1.31E-10
3.38E+00	3.49E-01	5.98E+00	5.36E-01	1.60E+00	1.29E-01	2.42E+00	1.85E-01	4.10E-01	2.78E-02	1.91E+00	2.40E-01	1.19E+00	1.17E-01	4.86E-03	3.08E-04	1.27E-09	8.08E-11
3.26E+00	4.27E-01	7.78E+00	8.36E-01	2.20E+00	2.04E-01	3.05E+00	2.94E-01	5.40E-01	4.83E-02	2.02E+00	2.99E-01	1.09E+00	1.26E-01	6.17E-03	5.38E-04	1.62E-09	1.41E-10
3.56E+00	4.77E-01	5.67E+00	7.70E-01	1.56E+00	1.60E-01	2.40E+00	2.76E-01	4.15E-01	3.88E-02	2.45E+00	3.30E-01	1.20E+00	1.54E-01	5.03E-03	4.71E-04	1.31E-09	1.24E-10
2.88E+00	3.18E-01	4.32E+00	5.46E-01	1.18E+00	1.60E-01	1.76E+00	1.83E-01	3.06E-01	3.31E-02	2.11E+00	2.18E-01	1.15E+00	1.01E-01	3.67E-03	3.22E-04	9.55E-10	8.44E-11
2.54E+00	3.81E-01	4.24E+00	9.07E-01	1.04E+00	2.48E-01	1.66E+00	3.25E-01	2.72E-01	5.79E-02	1.77E+00	2.67E-01	9.96E-01	1.13E-01	3.26E-03	6.34E-04	8.54E-10	1.66E-10
1.68E+00	4.42E-01	2.87E+00	7.73E-01	7.84E-01	1.88E-01	1.17E+00	2.82E-01	2.03E-01	4.37E-02	1.15E+00	3.05E-01	5.63E-01	1.36E-01	2.44E-03	4.99E-04	6.33E-10	1.31E-10
2.20E+00	3.59E-01	3.29E+00	7.37E-01	8.06E-01	2.00E-01	1.24E+00	2.67E-01	1.85E-01	4.60E-02	1.54E+00	2.49E-01	7.65E-01	1.02E-01	2.24E-03	4.98E-04	5.81E-10	1.31E-10
2.08E+00	3.31E-01	3.61E+00	5.90E-01	8.30E-01	1.50E-01	1.40E+00	2.17E-01	2.13E-01	3.51E-02	1.40E+00	2.26E-01	7.39E-01	9.94E-02	2.59E-03	3.86E-04	6.69E-10	1.01E-10
2.00E+00	2.27E-01	3.69E+00	3.56E-01	8.51E-01	1.10E-01	1.46E+00	1.32E-01	2.30E-01	2.50E-02	1.36E+00	1.53E-01	6.10E-01	7.08E-02	2.87E-03	2.65E-04	7.49E-10	6.95E-11
1.86E+00	2.11E-01	3.62E+00	3.89E-01	8.56E-01	1.17E-01	1.44E+00	1.30E-01	2.27E-01	2.45E-02	1.26E+00	1.45E-01	5.64E-01	7.17E-02	2.85E-03	2.41E-04	7.43E-10	6.32E-11
1.77E+00	2.31E-01	3.45E+00	3.39E-01	8.35E-01	8.49E-02	1.38E+00	1.13E-01	2.17E-01	1.84E-02	1.23E+00	1.56E-01	6.12E-01	6.94E-02	2.75E-03	2.25E-04	7.15E-10	5.80E-11
1.66E+00	2.21E-01	3.24E+00	2.75E-01	8.01E-01	7.91E-02	1.30E+00	1.11E-01	2.08E-01	1.98E-02	1.14E+00	1.48E-01	5.82E-01	7.23E-02	2.61E-03	2.30E-04	6.79E-10	6.02E-11
1.98E+00	2.05E-01	3.00E+00	3.49E-01	7.54E-01	9.81E-02	1.21E+00	1.43E-01	1.95E-01	2.51E-02	1.38E+00	1.37E-01	7.38E-01	7.05E-02	2.45E-03	2.96E-04	6.35E-10	7.76E-11
2.02E+00	2.13E-01	3.05E+00	4.19E-01	1.22E+00	1.13E-01	1.11E+00	1.71E-01	2.43E-01	2.97E-02	1.35E+00	1.48E-01	7.53E-01	7.03E-02	2.24E-03	3.56E-04	5.88E-10	9.31E-11
1.12E+00	1.61E-01	2.45E+00	3.92E-01	6.55E-01	1.01E-01	9.94E-01	1.59E-01	1.63E-01	2.69E-02	7.65E-01	1.11E-01	3.94E-01	5.42E-02	2.03E-03	3.26E-04	5.17E-10	8.54E-11
1.03E+00	1.49E-01	2.16E+00	3.69E-01	6.41E-01	9.06E-02	8.77E-01	1.48E-01	1.53E-01	2.44E-02	6.86E-01	1.01E-01	3.66E-01	4.80E-02	1.81E-03	2.99E-04	4.59E-10	7.82E-11
9.92E-01	1.55E-01	2.11E+00	3.56E-01	6.30E-01	8.35E-02	8.31E-01	1.42E-01	1.49E-01	2.27E-02	7.02E-01	1.07E-01	3.42E-01	4.81E-02	1.68E-03	2.80E-04	4.34E-10	7.33E-11
1.06E+00	1.66E-01	2.02E+00	3.23E-01	6.07E-01	7.25E-02	7.90E-01	1.27E-01	1.42E-01	1.98E-02	7.36E-01	1.17E-01	3.46E-01	5.35E-02	1.59E-03	2.46E-04	4.10E-10	6.43E-11
1.22E+00	1.97E-01	1.91E+00	2.96E-01	5.80E-01	7.09E-02	7.41E-01	1.15E-01	1.34E-01	1.75E-02	8.32E-01	1.39E-01	3.96E-01	6.51E-02	1.50E-03	2.18E-04	3.93E-10	5.70E-11
1.76E+00	2.57E-01	2.80E+00	3.64E-01	7.93E-01	9.28E-02	8.38E-01	1.24E-01	1.49E-01	1.93E-02	1.22E+00	1.80E-01	5.81E-01	8.84E-02	1.51E-03	1.97E-04	3.94E-10	5.16E-11
1.63E+00	2.14E-01	2.20E+00	2.65E-01	5.69E-01	6.72E-02	6.80E-01	8.88E-02	1.15E-01	1.52E-02	1.13E+00	1.41E-01	5.23E-01	7.46E-02	1.42E-03	1.62E-04	3.72E-10	4.25E-11
1.60E+00	1.86E-01	1.90E+00	2.00E-01	4.57E-01	6.32E-02	6.49E-01	7.45E-02	1.11E-01	1.34E-02	1.10E+00	1.20E-01	5.24E-01	6.58E-02	1.35E-03	1.49E-04	3.54E-10	3.90E-11
1.95E+00	2.02E-01	2.20E+00	2.30E-01	4.88E-01	7.52E-02	6.33E-01	7.81E-02	1.09E-01	1.52E-02	1.33E+00	1.29E-01	6.46E-01	7.17E-02	1.31E-03	1.50E-04	3.43E-10	3.93E-11
2.41E+00	4.00E-01	2.97E+00	3.58E-01	1.05E+00	1.07E-01	1.38E+00	1.33E-01	2.07E-01	2.39E-02	1.56E+00	2.63E-01	8.19E-01	1.42E-01	3.19E-03	2.55E-04	8.34E-10	6.65E-11
2.58E+00	3.88E-01	2.35E+00	3.32E-01	7.52E-01	9.38E-02	1.07E+00	1.22E-01	1.92E-01	2.11E-02	1.62E+00	2.53E-01	8.81E-01	1.39E-01	2.44E-03	2.34E-04	6.37E-10	6.11E-11
2.33E+00	3.39E-01	2.20E+00	3.42E-01	7.46E-01	9.66E-02	9.35E-01	1.32E-01	1.83E-01	2.24E-02	1.46E+00	2.23E-01	8.05E-01	1.19E-01	2.08E-03	2.45E-04	5.44E-10	6.40E-11
2.33E+00	3.17E-01	2.38E+00	4.08E-01	9.39E-01	1.13E-01	1.19E+00	1.55E-01	2.02E-01	2.61E-02	1.42E+00	2.12E-01	8.01E-01	1.15E-01	2.86E-03	2.84E-04	7.43E-10	7.41E-11
1.95E+00	2.51E-01	2.36E+00	4.47E-01	8.51E-01	1.21E-01	1.32E+00	1.68E-01	1.63E-01	2.77E-02	1.21E+00	1.74E-01	6.87E-01	9.36E-02	3.12E-03	3.01E-04	8.10E-10	7.84E-11
2.17E+00	2.76E-01	1.69E+00	4.73E-01	6.15E-01	1.25E-01	8.47E-01	1.75E-01	1.13E-01	2.84E-02	1.36E+00	1.86E-01	7.60E-01	8.67E-02	1.89E-03	3.08E-04	4.90E-10	8.04E-11
1.68E+00	2.74E-01	1.67E+00	4.56E-01	4.63E-01	1.16E-01	6.45E-01	1.67E-01	1.09E-01	2.65E-02	1.07E+00	1.86E-01	6.12E-01	8.38E-02	1.26E-03	2.88E-04	3.28E-10	7.53E-11
1.44E+00	2.74E-01	1.77E+00	4.57E-01	5.11E-01	1.12E-01	6.64E-01	1.66E-01	1.17E-01	2.61E-02	9.53E-01	1.88E-01	5.13E-01	8.46E-02	1.28E-03	2.87E-04	3.35E-10	7.50E-11
1.76E+00	2.82E-01	1.97E+00	4.42E-01	5.58E-01	1.15E-01	7.42E-01	1.60E-01	1.30E-01	2.55E-02	1.04E+00	1.91E-01	6.17E-01	8.69E-02	1.43E-03	2.78E-04	3.74E-10	7.26E-11
1.92E+00	3.36E-01	2.13E+00	5.44E-01	6.24E-01	1.39E-01	7.87E-01	1.99E-01	1.39E-01	3.15E-02	1.22E+00	2.28E-01	6.65E-01	1.04E-01	1.69E-03	3.39E-04	4.42E-10	8.87E-11
2.30E+00	3.80E-01	2.67E+00	6.58E-01	7.38E-01	1.79E-01	9.18E-01	2.43E-01	1.62E-01	4.08E-02	1.43E+00	2.60E-01	8.04E-01	1.16E-01	2.01E-03	4.37E-04	5.26E-10	1.14E-10
2.81E+00	4.56E-01	2.49E+00	7.62E-01	8.34E-01	2.23E-01	1.20E+00	2.87E-01	1.77E-01	5.01E-02	1.78E+00	2.95E-01	1.00E+00	1.47E-01	2.39E-03	5.31E-04	6.27E-10	1.39E-10
2.33E+00	4.45E-01	2.54E+00	7.71E-01	7.27E-01	2.03E-01	1.17E+00	2.87E-01	1.64E-01	4.79E-02	1.52E+00	3.00E-01	8.76E-01	1.32E-01	1.76E-03	5.45E-04	4.61E-10	1.43E-10
2.25E+00	4.56E-01	2.45E+00	7.76E-01	6.71E-01	2.04E-01	9.14E-01	2.95E-01	1.54E-01	5.00E-02	1.43E+00	3.10E-01	8.15E-01	1.42E-01	1.73E-03	5.72E-04	4.52E-10	1.50E-10
2.03E+00	3.98E-01	2.68E+00	7.11E-01	7.60E-01	1.85E-01	9.76E-01	2.71E-01	1.72E-01	4.61E-02	1.29E+00	2.72E-01	7.53E-01	1.28E-01	1.83E-03	5.33E-04	4.80E-10	1.40E-10
1.52E+00	3.62E-01	2.58E+00	5.44E-01	8.09E-01	1.51E-01	9.11E-01	2.07E-01	1.69E-01	3.43E-02	1.03E+00	2.38E-01	5.48E-01	1.13E-01	1.72E-03	3.99E-04	4.51E-10	1.04E-10
1.61E+00	4.42E-01	2.74E+00	5.42E-01	8.29E-01	1.38E-01	9.57E-01	1.98E-01	1.71E-01	3.28E-02	1.12E+00	3.00E-01	5.90E-01	1.51E-01	1.85E-03	3.63E-04	4.85E-10	9.51E-11
2.08E+00	4.16E-01	3.13E+00	5.89E-01	9.50E-01	1.51E-01	1.11E+00	2.15E-01	2.04E-01	3.55E-02	1.25E+00	2.92E-01	7.42E-01	1.53E-01	2.08E-03	3.92E-04	5.44E-10	1.03E-10
2.59E+00	4.72E-01	3.21E+00	6.20E-01	1.06E+00	1.70E-01	1.34E+00	2.23E-01	2.31E-01	3.87E-02	1.63E+00	3.16E-01	8.97E-01	1.54E-01	2.77E-03	4.14E-04	7.24E-10	1.09E-10
2.35E+00	4.22E-01	3.44E+00	6.64E-01	1.18E+00	2.33E-01	1.19E+00	2.14E-01	2.21E-01	4.15E-02	1.49E+00	2.88E-01	8.49E-01	1.52E-01	2.47E-03	4.15E-04	6.47E-10	1.09E-10
2.25E+00	9.49E-01	3.77E+00	1.51E+00	1.23E+00	3.88E-01	1.26E+00	5.24E-01	2.36E-01	8.43E-02	1.60E+00	6.44E-01	8.18E-01	2.88E-01	2.26E-03	8.68E-04	5.92E-10	2.28E-10
1.99E+00	5.37E-01	3.88E+00	1.16E+00	1.26E+00	2.97E-01	1.33E+00	4.32E-01	2.52E-01	7.26E-02	1.40E+00	3.74E-01	7.43E-01	1.75E-01	2.45E-03	8.28E-04	6.43E-10	2.17E-10
2.47E+00	5.17E-01	4.33E+00	7.64E-01	1.26E+00	2.26E-01	1.73E+00	2.76E-01	3.10E-01	4.44E-02	1.57E+00	3.56E-01	9.38E-01	1.60E-01	3.56E-03	5.03E-04	9.31E-10	1.32E-10
2.14E+00	5.95E-01	3.60E+00	1.04E+00	1.05E+00	2.40E-01	1.48E+00	3.70E-01	2.35E-01	5.76E-02	1.44E+00	4.12E-01	7.84E-01	1.83E-01	3.24E-03	6.48E-04	8.48E-10	1.70E-10
2.40E+00	4.18E-01	6.11E+00	7.16E-01	1.71E+00	1.81E-01	2.43E+00	2.83E-01	4.25E-01	4.38E-02	1.62E+00	2.97E-01	6.74E-01	1.35E-01	4.91E-03	5.32E-04	1.28E-09	1.39E-10
2.23E+00	6.27E-01	5.32E+00	1.05E+00	1.42E+00	2.43E-01	2.12E+00	3.63E-01	3.60E-01	5.64E-02	1.52E+00	4.41E-01	7.43E-01	1.97E-01	4.23E-03	6.19E-04	1.11E-09	1.62E-10
2.78E+00	5.95E-01	4.13E+00	9.83E-01	1.26E+00	2.81E-01	1.78E+00	3.40E-01	2.97E-01	5.73E-02	1.86E+00	4.21E-01	9.20E-01	2.02E-01	3.74E-03	5.81E-04	9.76E-10	1.52E-10
2.19E+00	3.46E-01	5.03E+00	6.40E-01	1.27E+00	2.23E-01	2.02E+00	2.39E-01	3.43E-01	3.89E-02	1.33E+00	2.47E-01	7.96E-01	1.16E-01	4.20E-03	4.45E-04	1.10E-09	1.17E-10
4.00E+00	4.13E-01	4.76E+00	6.79E-01	1.27E+00	1.43E-01	1.95E+00	2.43E-01	3.30E-01	3.58E-02	2.34E+00	2.92E-01	1.46E+00	1.36E-01	4.05E-03	4.18E-04	1.06E-09	1.09E-10
2.20E+00	3.41E-01	4.91E+00	5.48E-01	1.60E+00	1.56E-01	2.00E+00	1.89E-01	3.37E-01	3.44E-02	1.48E+00	2.42E-01	8.04E-01	1.09E-01	4.03E-03	3.58E-04	1.05E-09	9.39E-11
2.82E+00	4.18E-01	7.40E+00	8.08E-01	1.95E+00	1.94E-01	2.97E+00	2.91E-01	5.08E-01	4.71E-02	1.89E+00	2.89E-01	9.88E-01	1.24E-01	6.07E-03	5.35E-04	1.59E-09	1.40E-10
2.99E+00	3.97E-01	5.02E+00	6.51E-01	1.21E+00	1.28E-01	2.07E+00	2.39E-01	3.21E-01	3.40E-02	2.07E+00	2.73E-01	1.03E+00	1.27E-01	4.06E-03	4.13E-04	1.06E-09	1.08E-10
2.03E+00	2.85E-01	3.76E+00	5.02E-01	1.07E+00	1.46E-01	1.50E+00	1.80E-01	2.66E-01	3.14E-02	1.43E+00	1.94E-01	7.81E-01	8.85E-02	3.14E-03	3.20E-04	8.15E-10	8.38E-11
1.75E+00	3.04E-01	4.09E+00	6.78E-01	1.03E+00	1.93E-01	1.62E+00	2.46E-01	2.70E-01	4.48E-02	1.24E+00	2.11E-01	6.93E-01	8.94E-02	3.23E-03	4.89E-04	8.46E-10	1.28E-10
1.55E+00	3.61E-01	2.98E+00	7.11E-01	8.16E-01	1.75E-01	1.15E+00	2.62E-01	1.97E-01	4.27E-02	1.08E+00	2.49E-01	5.32E-01	1.06E-01	2.37E-03	4.86E-04	6.12E-10	1.27E-10
1.66E+00	3.09E-01	2.34E+00	6.51E-01	8.40E-01	1.84E-01	9.53E-01	2.39E-01	1.66E-01	4.24E-02	1.15E+00	2.10E-01	5.60E-01	9.63E-02	2.01E-03	4.60E-04	5.17E-10	1.21E-10
1.89E+00	3.26E-01	2.61E+00	6.62E-01	8.83E-01	1.75E-01	1.11E+00	2.47E-01	2.17E-01	4.17E-02	1.31E+00	2.23E-01	6.58E-01	9.28E-02	2.47E-03	4.64E-04	6.47E-10	1.21E-10
1.70E+00	2.64E-01	2.81E+00	4.82E-01	8.84E-01	1.23E-01	1.24E+00	1.81E-01	2.31E-01	2.93E-02	1.15E+00	1.79E-01	6.01E-01	7.84E-02	2.78E-03	3.28E-04	7.25E-10	8.58E-11
1.75E+00	1.75E-01	2.78E+00	3.44E-01	8.58E-01	1.09E-01	1.23E+00	1.34E-01	2.28E-01	2.57E-02	1.20E+00	1.18E-01	5.33E-01	5.59E-02	2.77E-03	2.81E-04	7.24E-10	7.38E-11
1.87E+00	2.33E-01	2.68E+00	4.05E-01	8.06E-01	1.25E-01	1.20E+00	1.45E-01	2.19E-01	2.73E-02	1.24E+00	1.59E-01	6.12E-01	8.03E-02	2.71E-03	2.81E-04	7.05E-10	7.36E-11
1.94E+00	2.54E-01	2.52E+00	4.00E-01	8.00E-01	1.11E-01	1.14E+00	1.30E-01	2.04E-01	2.27E-02	1.35E+00	1.73E-01	6.63E-01	8.78E-02	2.60E-03	2.21E-04	6.75E-10	5.78E-11
1.87E+00	2.32E-01	2.51E+00	3.06E-01	6.89E-01	7.23E-02	1.06E+00	9.76E-02	1.85E-01	1.54E-02	1.25E+00	1.56E-01	6.53E-01	7.22E-02	2.43E-03	1.89E-04	6.31E-10	4.88E-11
1.70E+00	2.08E-01	2.18E+00	2.58E-01	6.06E-01	7.52E-02	9.53E-01	1.05E-01	1.60E-01	1.88E-02	1.20E+00	1.38E-01	5.66E-01	6.84E-02	2.21E-03	2.18E-04	5.71E-10	5.69E-11
1.20E+00	1.41E-01	1.93E+00	2.78E-01	5.22E-01	7.91E-02	8.18E-01	1.14E-01	1.35E-01	2.02E-02	8.41E-01	9.67E-02	4.38E-01	4.75E-02	1.91E-03	2.37E-04	4.93E-10	6.21E-11
1.04E+00	1.34E-01	1.90E+00	3.02E-01	5.08E-01	8.32E-02	7.72E-01	1.24E-01	1.30E-01	2.16E-02	7.25E-01	9.27E-02	3.81E-01	4.40E-02	1.62E-03	2.57E-04	4.10E-10	6.74E-11
9.91E-01	1.29E-01	1.85E+00	3.14E-01	5.64E-01	8.32E-02	7.43E-01	1.28E-01	1.32E-01	2.19E-02	6.72E-01	8.90E-02	3.32E-01	4.31E-02	1.54E-03	2.64E-04	3.90E-10	6.90E-11
9.63E-01	1.29E-01	1.84E+00	3.17E-01	5.98E-01	8.09E-02	7.44E-01	1.28E-01	1.36E-01	2.15E-02	6.52E-01	8.86E-02	3.39E-01	4.37E-02	1.49E-03	2.61E-04	3.84E-10	6.84E-11
1.20E+00	1.76E-01	1.81E+00	3.25E-01	6.45E-01	8.82E-02	7.15E-01	1.29E-01	1.35E-01	2.11E-02	8.34E-01	1.25E-01	4.07E-01	5.32E-02	1.46E-03	2.58E-04	3.75E-10	6.75E-11
1.17E+00	1.96E-01	1.74E+00	3.27E-01	5.88E-01	8.65E-02	6.74E-01	1.18E-01	1.30E-01	1.89E-02	8.01E-01	1.38E-01	3.80E-01	6.13E-02	1.40E-03	2.32E-04	3.57E-10	6.07E-11
1.00E+00	1.76E-01	1.66E+00	2.67E-01	5.60E-01	6.87E-02	6.40E-01	1.02E-01	1.23E-01	1.61E-02	6.87E-01	1.24E-01	3.13E-01	5.73E-02	1.33E-03	1.98E-04	3.38E-10	5.18E-11
1.20E+00	2.08E-01	1.94E+00	3.08E-01	6.55E-01	7.91E-02	6.40E-01	1.07E-01	1.29E-01	1.68E-02	8.17E-01	1.47E-01	3.71E-01	6.81E-02	1.25E-03	1.78E-04	3.19E-10	4.65E-11
2.36E+00	2.99E-01	3.82E+00	4.47E-01	1.44E+00	1.48E-01	1.55E+00	1.80E-01	3.23E-01	3.55E-02	1.45E+00	2.01E-01	8.07E-01	1.07E-01	3.39E-03	3.98E-04	8.86E-10	1.04E-10
2.15E+00	2.54E-01	2.57E+00	4.51E-01	1.12E+00	1.24E-01	9.65E-01	1.71E-01	2.20E-01	2.87E-02	1.31E+00	1.75E-01	7.48E-01	9.42E-02	2.07E-03	3.16E-04	5.42E-10	8.22E-11
2.26E+00	2.56E-01	2.01E+00	4.60E-01	8.09E-01	1.22E-01	7.75E-01	1.72E-01	1.54E-01	2.82E-02	1.43E+00	1.73E-01	7.87E-01	8.96E-02	1.71E-03	3.10E-04	4.49E-10	8.07E-11
2.30E+00	2.73E-01	2.15E+00	4.75E-01	7.73E-01	1.23E-01	1.25E+00	1.76E-01	1.76E-01	2.83E-02	1.45E+00	1.86E-01	8.19E-01	8.65E-02	3.03E-03	3.12E-04	7.84E-10	8.12E-11
1.90E+00	2.77E-01	2.35E+00	4.73E-01	7.56E-01	1.18E-01	1.32E+00	1.73E-01	1.66E-01	2.75E-02	1.25E+00	1.89E-01	6.95E-01	8.44E-02	3.12E-03	3.04E-04	8.07E-10	7.93E-11
1.75E+00	2.54E-01	1.68E+00	4.16E-01	5.68E-01	1.04E-01	8.37E-01	1.51E-01	1.26E-01	2.37E-02	1.12E+00	1.72E-01	6.14E-01	7.85E-02	1.87E-03	2.65E-04	4.84E-10	6.91E-11
1.71E+00	2.69E-01	1.70E+00	4.31E-01	4.84E-01	1.10E-01	6.54E-01	1.58E-01	1.14E-01	2.49E-02	1.09E+00	1.83E-01	5.89E-01	8.32E-02	1.46E-03	2.68E-04	3.82E-10	6.99E-11
1.57E+00	2.92E-01	1.91E+00	4.88E-01	5.46E-01	1.23E-01	7.16E-01	1.81E-01	1.26E-01	2.86E-02	1.00E+00	1.99E-01	5.45E-01	9.00E-02	1.57E-03	3.14E-04	4.10E-10	8.21E-11
1.91E+00	3.14E-01	2.24E+00	5.61E-01	5.83E-01	1.66E-01	7.74E-01	2.12E-01	1.35E-01	3.82E-02	1.19E+00	2.15E-01	6.69E-01	9.55E-02	1.75E-03	4.12E-04	4.59E-10	1.08E-10
2.34E+00	3.81E-01	2.21E+00	6.69E-01	7.60E-01	1.94E-01	1.03E+00	2.52E-01	1.57E-01	4.40E-02	1.48E+00	2.47E-01	8.35E-01	1.21E-01	2.17E-03	4.70E-04	5.68E-10	1.23E-10

Scenario 1 Results

2.44E+00	4.41E-01	3.02E+00	7.76E-01	9.37E-01	2.08E-01	1.61E+00	2.85E-01	1.71E-01	4.72E-02	1.67E+00	2.98E-01	8.93E-01	1.45E-01	2.87E-03	5.08E-04	7.53E-10	1.33E-10
3.15E+00	4.73E-01	2.79E+00	7.58E-01	8.30E-01	2.01E-01	1.26E+00	2.92E-01	1.54E-01	4.99E-02	2.09E+00	3.20E-01	1.22E+00	1.53E-01	2.12E-03	5.77E-04	5.55E-10	1.51E-10
3.28E+00	4.18E-01	2.46E+00	7.10E-01	6.99E-01	1.93E-01	9.19E-01	2.75E-01	1.61E-01	4.77E-02	2.09E+00	2.83E-01	1.21E+00	1.35E-01	1.75E-03	5.49E-04	4.59E-10	1.44E-10
1.91E+00	4.04E-01	2.31E+00	6.29E-01	6.88E-01	1.86E-01	8.74E-01	2.43E-01	1.52E-01	4.16E-02	1.26E+00	2.75E-01	7.42E-01	1.35E-01	1.72E-03	4.78E-04	4.50E-10	1.25E-10
2.39E+00	4.86E-01	2.72E+00	6.27E-01	7.65E-01	1.43E-01	9.53E-01	2.32E-01	1.67E-01	3.39E-02	1.54E+00	3.21E-01	8.95E-01	1.58E-01	1.78E-03	3.76E-04	4.65E-10	9.85E-11
1.52E+00	4.25E-01	2.78E+00	5.04E-01	7.66E-01	1.33E-01	9.80E-01	1.82E-01	1.65E-01	3.16E-02	1.03E+00	2.91E-01	5.76E-01	1.50E-01	1.76E-03	3.51E-04	4.61E-10	9.20E-11
1.57E+00	3.14E-01	2.67E+00	4.97E-01	7.92E-01	1.31E-01	9.74E-01	1.78E-01	1.72E-01	3.06E-02	1.02E+00	2.21E-01	5.97E-01	1.18E-01	1.84E-03	3.34E-04	4.83E-10	8.75E-11
1.74E+00	3.69E-01	2.91E+00	5.23E-01	8.81E-01	1.41E-01	1.23E+00	1.93E-01	2.19E-01	3.31E-02	1.10E+00	2.46E-01	6.14E-01	1.22E-01	2.52E-03	3.65E-04	6.58E-10	9.57E-11
1.71E+00	3.17E-01	2.88E+00	5.28E-01	9.33E-01	1.81E-01	1.27E+00	1.76E-01	2.03E-01	3.36E-02	1.16E+00	2.18E-01	6.96E-01	1.18E-01	2.73E-03	3.44E-04	7.15E-10	9.00E-11
1.90E+00	6.81E-01	2.89E+00	1.14E+00	9.55E-01	3.09E-01	1.01E+00	3.98E-01	1.84E-01	6.64E-02	1.32E+00	4.62E-01	7.17E-01	2.02E-01	1.86E-03	6.75E-04	4.86E-10	1.77E-10
1.75E+00	5.12E-01	2.96E+00	9.92E-01	9.87E-01	2.67E-01	1.04E+00	3.63E-01	1.92E-01	6.23E-02	1.23E+00	3.69E-01	5.20E-01	1.66E-01	1.98E-03	6.85E-04	5.19E-10	1.79E-10
1.89E+00	4.15E-01	3.01E+00	5.94E-01	9.63E-01	1.52E-01	1.14E+00	2.17E-01	2.13E-01	3.59E-02	1.17E+00	2.69E-01	6.86E-01	1.36E-01	2.25E-03	4.36E-04	5.85E-10	1.14E-10
1.77E+00	4.72E-01	4.01E+00	7.93E-01	1.08E+00	2.31E-01	1.67E+00	2.77E-01	2.90E-01	4.90E-02	1.22E+00	3.26E-01	6.45E-01	1.51E-01	3.55E-03	4.89E-04	9.26E-10	1.28E-10
1.91E+00	4.63E-01	2.96E+00	8.20E-01	8.88E-01	1.80E-01	1.13E+00	3.02E-01	2.05E-01	4.42E-02	1.23E+00	3.21E-01	7.04E-01	1.46E-01	2.36E-03	5.42E-04	6.16E-10	1.42E-10
2.19E+00	3.73E-01	5.71E+00	6.39E-01	1.58E+00	2.06E-01	2.30E+00	2.27E-01	3.99E-01	3.89E-02	1.49E+00	2.59E-01	5.60E-01	1.09E-01	4.69E-03	4.22E-04	1.22E-09	1.10E-10
5.67E+00	5.90E-01	4.61E+00	1.01E+00	1.27E+00	2.40E-01	1.80E+00	3.58E-01	3.10E-01	5.62E-02	3.15E+00	4.12E-01	1.76E+00	1.83E-01	3.54E-03	6.21E-04	9.23E-10	1.63E-10
2.07E+00	5.84E-01	3.82E+00	9.84E-01	1.01E+00	2.39E-01	1.64E+00	3.61E-01	2.79E-01	4.96E-02	1.38E+00	4.09E-01	6.86E-01	1.91E-01	3.47E-03	6.36E-04	9.05E-10	1.67E-10
2.36E+00	4.30E-01	4.41E+00	7.92E-01	1.23E+00	1.51E-01	1.76E+00	3.08E-01	3.10E-01	4.31E-02	1.60E+00	2.97E-01	7.78E-01	1.38E-01	3.63E-03	5.72E-04	9.50E-10	1.50E-10
3.67E+00	4.51E-01	4.08E+00	7.83E-01	1.16E+00	1.87E-01	1.64E+00	2.81E-01	2.76E-01	4.42E-02	2.20E+00	3.13E-01	1.36E+00	1.39E-01	3.41E-03	4.92E-04	8.92E-10	1.29E-10
2.16E+00	3.09E-01	3.88E+00	5.09E-01	1.11E+00	1.22E-01	1.52E+00	1.69E-01	2.67E-01	2.72E-02	1.29E+00	2.12E-01	7.98E-01	1.04E-01	3.21E-03	2.89E-04	8.39E-10	7.58E-11
2.02E+00	3.30E-01	4.85E+00	6.35E-01	1.59E+00	1.69E-01	1.85E+00	2.30E-01	3.57E-01	3.96E-02	1.35E+00	2.30E-01	7.37E-01	1.07E-01	3.77E-03	4.35E-04	9.85E-10	1.14E-10
2.50E+00	3.85E-01	6.40E+00	7.39E-01	1.64E+00	1.72E-01	2.58E+00	2.72E-01	4.33E-01	4.30E-02	1.72E+00	2.64E-01	9.14E-01	1.15E-01	5.26E-03	5.00E-04	1.37E-09	1.31E-10
2.53E+00	3.54E-01	4.57E+00	5.92E-01	9.60E-01	1.21E-01	1.86E+00	2.21E-01	2.79E-01	3.19E-02	1.77E+00	2.42E-01	8.84E-01	1.12E-01	3.60E-03	3.87E-04	9.41E-10	1.02E-10
1.81E+00	2.27E-01	3.27E+00	4.05E-01	9.36E-01	1.18E-01	1.31E+00	1.49E-01	2.33E-01	2.57E-02	1.29E+00	1.55E-01	6.34E-01	7.01E-02	2.70E-03	2.67E-04	7.06E-10	7.00E-11
1.53E+00	2.42E-01	3.76E+00	4.94E-01	9.77E-01	1.44E-01	1.50E+00	1.81E-01	2.53E-01	3.34E-02	1.03E+00	1.68E-01	4.30E-01	7.02E-02	3.01E-03	3.64E-04	7.87E-10	9.55E-11
1.46E+00	3.19E-01	3.06E+00	6.99E-01	7.97E-01	1.81E-01	1.19E+00	2.62E-01	1.88E-01	4.42E-02	1.02E+00	2.20E-01	5.25E-01	9.19E-02	2.28E-03	5.04E-04	5.96E-10	1.32E-10
2.19E+00	3.93E-01	2.74E+00	5.96E-01	7.38E-01	1.58E-01	1.04E+00	2.27E-01	1.75E-01	3.68E-02	1.43E+00	2.61E-01	7.74E-01	1.38E-01	2.08E-03	4.16E-04	5.36E-10	1.09E-10
1.94E+00	2.87E-01	2.78E+00	6.34E-01	8.02E-01	1.73E-01	8.38E-01	2.39E-01	1.74E-01	4.12E-02	1.34E+00	1.97E-01	7.02E-01	8.96E-02	1.83E-03	4.61E-04	4.78E-10	1.21E-10
1.63E+00	2.64E-01	2.26E+00	5.32E-01	7.78E-01	1.39E-01	9.44E-01	2.02E-01	1.87E-01	3.36E-02	1.14E+00	1.80E-01	5.73E-01	7.55E-02	2.10E-03	3.79E-04	5.47E-10	9.92E-11
1.45E+00	2.07E-01	2.46E+00	3.87E-01	7.55E-01	9.84E-02	9.89E-01	1.47E-01	1.90E-01	2.38E-02	9.80E-01	1.40E-01	5.11E-01	6.12E-02	2.22E-03	2.70E-04	5.77E-10	7.06E-11
1.57E+00	1.89E-01	2.49E+00	3.63E-01	7.04E-01	1.13E-01	9.94E-01	1.47E-01	1.85E-01	2.76E-02	1.10E+00	1.30E-01	5.21E-01	6.25E-02	2.25E-03	3.12E-04	5.84E-10	8.19E-11
1.49E+00	1.90E-01	2.15E+00	3.51E-01	6.26E-01	1.08E-01	9.70E-01	1.31E-01	1.75E-01	2.46E-02	1.01E+00	1.29E-01	4.88E-01	6.45E-02	2.21E-03	2.63E-04	5.74E-10	6.89E-11
1.35E+00	2.15E-01	1.97E+00	3.54E-01	5.27E-01	1.03E-01	9.16E-01	1.23E-01	1.59E-01	2.21E-02	9.49E-01	1.46E-01	4.55E-01	7.40E-02	2.11E-03	2.23E-04	5.46E-10	5.86E-11
1.43E+00	1.85E-01	1.72E+00	2.87E-01	5.44E-01	7.38E-02	8.26E-01	9.20E-02	1.37E-01	1.51E-02	9.74E-01	1.25E-01	4.91E-01	5.71E-02	1.92E-03	1.49E-04	4.97E-10	3.82E-11
1.13E+00	1.60E-01	1.52E+00	2.03E-01	4.72E-01	5.35E-02	7.02E-01	7.24E-02	1.12E-01	1.31E-02	7.85E-01	1.07E-01	3.99E-01	5.04E-02	1.65E-03	1.50E-04	4.25E-10	3.92E-11
1.05E+00	1.41E-01	1.55E+00	2.10E-01	4.45E-01	6.20E-02	6.41E-01	8.58E-02	1.12E-01	1.55E-02	7.22E-01	9.44E-02	3.70E-01	4.66E-02	1.37E-03	1.80E-04	3.48E-10	4.70E-11
1.16E+00	1.27E-01	1.56E+00	2.41E-01	4.41E-01	6.95E-02	6.37E-01	9.89E-02	1.11E-01	1.77E-02	8.20E-01	8.69E-02	4.10E-01	4.10E-02	1.37E-03	2.07E-04	3.46E-10	5.42E-11
1.24E+00	1.30E-01	1.54E+00	2.63E-01	4.71E-01	7.35E-02	6.40E-01	1.08E-01	1.14E-01	1.90E-02	8.53E-01	8.90E-02	4.27E-01	4.12E-02	1.39E-03	2.25E-04	3.58E-10	5.88E-11
1.25E+00	1.28E-01	1.56E+00	2.74E-01	5.21E-01	7.40E-02	6.49E-01	1.12E-01	1.19E-01	1.93E-02	8.57E-01	8.78E-02	4.33E-01	4.14E-02	1.40E-03	2.31E-04	3.60E-10	6.05E-11
1.06E+00	1.14E-01	1.58E+00	2.65E-01	5.09E-01	6.93E-02	6.46E-01	1.08E-01	1.21E-01	1.83E-02	7.25E-01	7.85E-02	3.70E-01	3.82E-02	1.39E-03	2.20E-04	3.56E-10	5.76E-11
1.12E+00	1.42E-01	1.59E+00	2.62E-01	5.74E-01	7.04E-02	6.40E-01	1.06E-01	1.22E-01	1.76E-02	7.54E-01	1.01E-01	3.83E-01	4.31E-02	1.37E-03	2.14E-04	3.51E-10	5.58E-11
2.26E+00	2.56E-01	3.57E+00	4.83E-01	1.22E+00	1.48E-01	1.52E+00	1.81E-01	2.98E-01	3.34E-02	1.43E+00	1.75E-01	7.97E-01	8.29E-02	3.38E-03	3.54E-04	8.84E-10	9.25E-11
2.25E+00	2.57E-01	2.95E+00	4.55E-01	1.07E+00	1.16E-01	1.21E+00	1.68E-01	2.48E-01	2.70E-02	1.50E+00	1.76E-01	7.80E-01	7.74E-02	2.67E-03	3.01E-04	6.98E-10	7.82E-11
2.17E+00	2.49E-01	2.33E+00	4.15E-01	8.20E-01	1.06E-01	9.76E-01	1.52E-01	1.95E-01	2.40E-02	1.49E+00	1.69E-01	7.67E-01	7.60E-02	2.16E-03	2.69E-04	5.65E-10	6.98E-11
2.26E+00	2.68E-01	2.28E+00	4.26E-01	7.95E-01	1.09E-01	1.33E+00	1.54E-01	1.80E-01	2.43E-02	1.47E+00	1.82E-01	7.72E-01	8.28E-02	3.21E-03	2.74E-04	8.29E-10	7.14E-11
2.29E+00	2.87E-01	2.45E+00	4.61E-01	7.39E-01	1.15E-01	1.31E+00	1.69E-01	1.69E-01	2.76E-02	1.44E+00	1.95E-01	7.81E-01	8.92E-02	3.09E-03	3.18E-04	7.97E-10	8.31E-11
1.71E+00	2.82E-01	2.43E+00	4.75E-01	7.16E-01	1.40E-01	9.29E-01	1.82E-01	1.50E-01	3.32E-02	1.10E+00	1.93E-01	5.97E-01	8.73E-02	2.18E-03	3.70E-04	5.71E-10	9.66E-11
1.86E+00	2.72E-01	2.14E+00	5.35E-01	6.26E-01	1.62E-01	8.44E-01	2.08E-01	1.41E-01	3.75E-02	1.16E+00	1.88E-01	6.52E-01	8.29E-02	1.94E-03	4.07E-04	5.08E-10	1.06E-10
2.18E+00	3.52E-01	2.25E+00	6.16E-01	7.79E-01	1.78E-01	9.67E-01	2.32E-01	1.58E-01	4.06E-02	1.37E+00	2.28E-01	7.76E-01	1.11E-01	2.11E-03	4.36E-04	5.52E-10	1.14E-10
2.32E+00	4.08E-01	2.70E+00	6.86E-01	8.60E-01	1.84E-01	1.43E+00	2.52E-01	1.55E-01	4.20E-02	1.49E+00	2.74E-01	8.39E-01	1.33E-01	2.75E-03	4.52E-04	7.21E-10	1.18E-10
2.85E+00	4.23E-01	2.59E+00	6.81E-01	8.39E-01	1.75E-01	1.34E+00	2.57E-01	1.78E-01	4.39E-02	1.87E+00	2.91E-01	1.08E+00	1.43E-01	2.43E-03	5.13E-04	6.38E-10	1.34E-10
3.31E+00	4.59E-01	3.01E+00	7.09E-01	1.11E+00	1.97E-01	1.23E+00	2.80E-01	2.53E-01	4.92E-02	2.20E+00	3.10E-01	1.24E+00	1.58E-01	2.72E-03	5.70E-04	7.14E-10	1.49E-10
3.68E+00	5.69E-01	2.88E+00	7.67E-01	1.08E+00	2.45E-01	1.15E+00	2.90E-01	2.39E-01	5.41E-02	2.31E+00	3.80E-01	1.35E+00	1.91E-01	2.57E-03	5.69E-04	6.75E-10	1.49E-10
2.65E+00	4.84E-01	2.50E+00	7.10E-01	7.68E-01	1.88E-01	8.85E-01	2.62E-01	1.66E-01	4.49E-02	1.67E+00	3.16E-01	9.25E-01	1.49E-01	1.67E-03	5.02E-04	4.39E-10	1.32E-10
2.49E+00	5.27E-01	2.60E+00	6.20E-01	7.20E-01	1.57E-01	9.33E-01	2.24E-01	1.61E-01	3.72E-02	1.62E+00	3.52E-01	9.59E-01	1.77E-01	1.78E-03	4.11E-04	4.66E-10	1.08E-10
1.84E+00	4.23E-01	2.64E+00	4.89E-01	7.51E-01	1.30E-01	9.66E-01	1.80E-01	1.60E-01	3.06E-02	1.14E+00	2.92E-01	6.50E-01	1.54E-01	1.80E-03	3.40E-04	4.73E-10	8.90E-11
1.70E+00	3.16E-01	2.46E+00	4.73E-01	7.05E-01	1.22E-01	9.14E-01	1.68E-01	1.60E-01	2.89E-02	1.08E+00	2.07E-01	6.05E-01	1.13E-01	1.73E-03	3.20E-04	4.54E-10	8.38E-11
2.62E+00	4.89E-01	2.65E+00	5.50E-01	8.62E-01	1.55E-01	1.09E+00	1.96E-01	2.03E-01	3.53E-02	1.71E+00	3.21E-01	9.54E-01	1.62E-01	2.24E-03	3.78E-04	5.84E-10	9.90E-11
2.19E+00	4.08E-01	3.02E+00	5.11E-01	8.51E-01	1.76E-01	1.32E+00	1.82E-01	2.20E-01	3.42E-02	1.42E+00	2.81E-01	7.89E-01	1.55E-01	2.84E-03	3.61E-04	7.42E-10	9.46E-11
2.59E+00	5.92E-01	2.72E+00	1.04E+00	8.34E-01	2.94E-01	9.75E-01	3.68E-01	1.70E-01	6.31E-02	1.78E+00	4.00E-01	9.90E-01	1.71E-01	2.04E-03	6.41E-04	5.34E-10	1.68E-10
1.51E+00	6.16E-01	2.68E+00	1.03E+00	8.94E-01	2.45E-01	9.61E-01	3.78E-01	1.77E-01	5.66E-02	1.05E+00	4.26E-01	5.22E-01	1.97E-01	1.82E-03	6.59E-04	4.77E-10	1.73E-10
1.57E+00	3.44E-01	2.65E+00	6.40E-01	8.93E-01	1.58E-01	9.31E-01	2.47E-01	1.70E-01	4.08E-02	1.06E+00	2.40E-01	5.94E-01	1.12E-01	1.71E-03	4.86E-04	4.47E-10	1.27E-10
1.47E+00	3.44E-01	3.31E+00	5.44E-01	1.01E+00	1.49E-01	1.31E+00	2.02E-01	2.40E-01	3.23E-02	1.02E+00	2.36E-01	4.89E-01	1.05E-01	2.69E-03	3.75E-04	6.99E-10	9.83E-11
1.61E+00	3.96E-01	3.35E+00	7.32E-01	8.61E-01	1.93E-01	1.44E+00	2.64E-01	2.43E-01	4.39E-02	1.12E+00	2.72E-01	5.37E-01	1.17E-01	3.09E-03	4.72E-04	8.04E-10	1.24E-10
1.82E+00	3.82E-01	3.15E+00	6.42E-01	1.10E+00	1.61E-01	1.24E+00	2.44E-01	2.19E-01	3.64E-02	1.18E+00	2.60E-01	6.82E-01	1.20E-01	2.51E-03	4.28E-04	6.47E-10	1.12E-10
1.98E+00	4.26E-01	5.23E+00	7.56E-01	1.46E+00	2.25E-01	2.11E+00	2.55E-01	3.67E-01	4.57E-02	1.35E+00	2.94E-01	6.12E-01	1.23E-01	4.35E-03	4.38E-04	1.13E-09	1.15E-10
7.94E+00	5.32E-01	5.72E+00	9.37E-01	1.16E+00	2.26E-01	1.54E+00	3.35E-01	2.70E-01	5.32E-02	4.53E+00	3.70E-01	2.48E+00	1.63E-01	3.02E-03	5.90E-04	7.80E-10	1.55E-10
1.57E+00	5.17E-01	3.46E+00	9.07E-01	9.36E-01	1.86E-01	1.50E+00	3.33E-01	2.56E-01	4.80E-02	1.09E+00	3.60E-01	5.65E-01	1.65E-01	3.17E-03	5.96E-04	8.29E-10	1.56E-10
2.32E+00	4.39E-01	3.65E+00	8.41E-01	1.10E+00	1.73E-01	1.45E+00	3.20E-01	2.66E-01	4.78E-02	1.56E+00	3.03E-01	8.34E-01	1.36E-01	2.99E-03	5.98E-04	7.83E-10	1.57E-10
4.12E+00	4.07E-01	3.92E+00	7.76E-01	9.61E-01	2.14E-01	1.53E+00	2.71E-01	2.59E-01	4.69E-02	2.41E+00	2.84E-01	1.49E+00	1.26E-01	3.19E-03	4.87E-04	8.34E-10	1.28E-10
2.54E+00	3.58E-01	4.06E+00	5.48E-01	1.07E+00	1.11E-01	1.65E+00	1.95E-01	2.52E-01	2.71E-02	1.44E+00	2.46E-01	8.88E-01	1.18E-01	3.55E-03	3.23E-04	9.26E-10	8.47E-11
2.66E+00	3.40E-01	3.60E+00	5.38E-01	9.96E-01	1.26E-01	1.42E+00	1.84E-01	2.46E-01	2.79E-02	1.54E+00	2.39E-01	9.22E-01	1.09E-01	2.86E-03	3.04E-04	7.44E-10	7.97E-11
1.66E+00	3.48E-01	4.39E+00	6.20E-01	1.39E+00	1.59E-01	1.71E+00	2.28E-01	3.23E-01	3.82E-02	1.09E+00	2.28E-01	6.02E-01	1.14E-01	3.53E-03	4.30E-04	9.22E-10	1.13E-10
2.41E+00	3.41E-01	5.31E+00	6.45E-01	1.36E+00	1.47E-01	2.15E+00	2.40E-01	3.60E-01	3.74E-02	1.47E+00	2.34E-01	8.31E-01	1.02E-01	4.38E-03	4.41E-04	1.14E-09	1.16E-10
2.10E+00	2.86E-01	3.90E+00	4.65E-01	8.95E-01	9.55E-02	1.57E+00	1.74E-01	2.38E-01	2.53E-02	1.50E+00	1.91E-01	7.51E-01	9.99E-02	3.05E-03	3.08E-04	7.96E-10	8.08E-11
1.61E+00	1.91E-01	3.19E+00	3.36E-01	8.01E-01	9.72E-02	1.22E+00	1.26E-01	1.97E-01	2.13E-02	1.18E+00	1.43E-01	5.84E-01	6.69E-02	2.55E-03	2.28E-04	6.42E-10	5.98E-11
1.50E+00	2.13E-01	3.36E+00	4.38E-01	8.91E-01	1.30E-01	1.33E+00	1.69E-01	2.27E-01	3.07E-02	1.07E+00	1.48E-01	5.76E-01	6.82E-02	2.68E-03	3.39E-04	7.01E-10	8.85E-11
1.65E+00	2.73E-01	3.05E+00	6.35E-01	7.32E-01	1.69E-01	1.18E+00	2.42E-01	1.91E-01	4.16E-02	1.08E+00	1.87E-01	6.19E-01	9.22E-02	2.30E-03	4.76E-04	6.00E-10	1.25E-10
2.15E+00	3.69E-01	2.66E+00	5.83E-01	7.16E-01	1.44E-01	1.02E+00	2.23E-01	1.75E-01	3.61E-02	1.46E+00	2.51E-01	7.47E-01	1.28E-01	2.00E-03	4.21E-04	5.24E-10	1.10E-10
1.59E+00	2.65E-01	2.06E+00	4.89E-01	5.90E-01	1.36E-01	8.52E-01	1.84E-01	1.50E-01	3.23E-02	9.24E-01	1.68E-01	5.15E-01	8.28E-02	1.81E-03	3.60E-04	4.66E-10	9.42E-11
1.30E+00	2.25E-01	1.94E+00	4.82E-01	5.25E-01	1.29E-01	7.59E-01	1.83E-01	1.31E-01	3.10E-02	9.23E-01	1.54E-01	4.49E-01	6.28E-02	1.55E-03	3.49E-04	4.01E-10	9.15E-11
1.39E+00	2.01E-01	1.94E+00	4.04E-01	5.26E-01	1.05E-01	7.64E-01	1.54E-01	1.38E-01	2.54E-02	9.76E-01	1.37E-01	4.94E-01	5.79E-02	1.69E-03	2.88E-04	4.40E-10	7.55E-11
1.22E+00	1.54E-01	2.08E+00	2.89E-01	5.34E-01	7.34E-02	7.77E-01	1.10E-01	1.39E-01	1.78E-02	8.34E-01	1.04E-01	4.43E-01	4.54E-02	1.77E-03	2.01E-04	4.61E-10	5.27E-11
1.34E+00	1.29E-01	2.20E+00	2.87E-01	5.50E-01	8.76E-02	7.76E-01	1.18E-01	1.33E-01	2.19E-02	9.12E-01	8.85E-02	4.06E-01	4.12E-02	1.79E-03	2.53E-04	4.63E-10	6.63E-11
1.35E+00	1.77E-01	1.97E+00	3.31E-01	4.86E-01	1.02E-01	7.37E-01	1.29E-01	1.22E-01	2.40E-02	9.19E-01	1.20E-01	4.32E-01	5.98E-02	1.71E-03	2.64E-04	4.44E-10	6.93E-11
1.18E+00	1.55E-01	1.56E+00	2.96E-01	4.33E-01	8.79E-02	6.58E-01	1.08E-01	1.05E-01	1.96E-02	8.04E-01	1.05E-01	3.79E-01	5.24E-02	1.54E-03	2.07E-04	3.99E-10	5.42E-11
1.03E+00	1.48E-01	1.39E+00	2.66E-01	4.21E-01	7.35E-02	6.71E-01	9.10E-02	9.96E-02	1.57E-02	7.16E-01	1.00E-01	3.53E-01	4.91E-02	1.42E-03	1.59E-04	3.71E-10	4.16E-11
1.13E+00	1.56E-01	1.34E+00	2.31E-01	4.31E-01	5.77E-02	6.27E-01	7.45E-02	1.01E-01	1.18E-02	7.62E-01	1.05E-01	3.88E-01	4.70E-02	1.31E-03	1.21E-04	3.42E-10	3.07E-11
9.37E-01	1.48E-01	1.49E+00	1.87E-01	4.44E-01	5.02E-02	5.82E-01	6.79E-02	9.90E-02	1.24E-02	6.58E-01	9.85E-02	3.37E-01	4.66E-02	1.34E-03	1.41E-04	3.40E-10	3.69E-11
9.28E-01	1.28E-01	1.49E+00	1.90E-01	4.06E-01	5.63E-02	5.41E-01	7.78E-02	1.01E-01	1.41E-02	6.46E-01	8.57E-02	3.09E-01	4.21E-02	1.25E-03	1.63E-04	3.18E-10	4.26E-11
1.01E+00	1.09E-01	1.35E+00	2.07E-01	4.13E-01	5.98E-02	5.39E-01	8.49E-02	1.02E-01	1.52E-02	6.98E-01	7.45E-02	3.26E-01	3.43E-02	1.22E-03	1.78E-04	3.11E-10	4.65E-11
1.16E+00	1.10E-01	1.39E+00	2.22E-01	4.38E-01	6.22E-02	5.66E-01	9.10E-02	1.03E-01	1.60E-02	7.95E-01	7.53E-02	3.85E-01	3.48E-02	1.26E-03	1.89E-04	3.24E-10	4.95E-11
2.38E+00	2.36E-01	3.31E+00	4.05E-01	1.14E+00	1.19E-01	1.40E+00	1.57E-01	2.75E-01	2.86E-02	1.66E+00	1.61E-01	8.03E-01	7.10E-02	3.11E-03	3.65E-04	8.12E-10	9.50E-11
2.28E+00	2.55E-01	3.16E+00	4.28E-01	1.12E+00	1.13E-01	1.65E+00	1.88E-01	2.61E-01	2.83E-02	1.52E+00	1.74E-01	7.83E-01	7.96E-02	3.97E-03	4.32E-04	1.03E-09	1.12E-10
2.27E+00	2.66E-01	3.07E+00	4.38E-01	9.98E-01	1.33E-01	1.54E+00	1.83E-01	2.32E-01	3.33E-02	1.43E+00	1.82E-01	7.73E-01	8.22E-02	3.65E-03	3.92E-04	9.53E-10	1.02E-10

Scenario 1 Results

1.79E+00	2.66E-01	3.01E+00	5.25E-01	8.90E-01	1.62E-01	1.41E+00	2.12E-01	2.19E-01	3.89E-02	1.15E+00	1.82E-01	6.25E-01	8.22E-02	3.40E-03	4.36E-04	8.78E-10	1.14E-10
2.48E+00	3.48E-01	3.59E+00	6.34E-01	1.19E+00	1.96E-01	1.66E+00	2.48E-01	2.72E-01	4.54E-02	1.55E+00	2.28E-01	8.66E-01	1.04E-01	3.86E-03	5.07E-04	1.01E-09	1.33E-10
2.55E+00	4.05E-01	3.18E+00	6.38E-01	1.09E+00	1.88E-01	1.34E+00	2.41E-01	2.24E-01	4.28E-02	1.61E+00	2.63E-01	9.04E-01	1.25E-01	3.11E-03	4.99E-04	8.13E-10	1.31E-10
2.14E+00	3.77E-01	2.41E+00	6.09E-01	8.55E-01	1.65E-01	1.24E+00	2.23E-01	1.54E-01	3.74E-02	1.37E+00	2.52E-01	7.69E-01	1.21E-01	2.54E-03	4.03E-04	6.65E-10	1.05E-10
2.11E+00	3.43E-01	1.94E+00	5.60E-01	6.10E-01	1.42E-01	1.01E+00	2.11E-01	1.33E-01	3.58E-02	1.38E+00	2.33E-01	7.49E-01	1.13E-01	1.89E-03	4.21E-04	4.89E-10	1.10E-10
2.56E+00	3.83E-01	2.39E+00	5.97E-01	8.68E-01	1.65E-01	1.03E+00	2.37E-01	2.01E-01	4.13E-02	1.66E+00	2.62E-01	9.22E-01	1.33E-01	2.41E-03	4.82E-04	6.33E-10	1.26E-10
3.66E+00	5.25E-01	3.27E+00	7.23E-01	1.19E+00	2.31E-01	1.35E+00	2.81E-01	2.75E-01	5.28E-02	2.34E+00	3.51E-01	1.34E+00	1.76E-01	2.97E-03	5.90E-04	7.78E-10	1.55E-10
3.20E+00	5.84E-01	3.43E+00	8.19E-01	1.27E+00	2.52E-01	1.32E+00	3.04E-01	2.73E-01	5.55E-02	2.05E+00	3.90E-01	1.10E+00	1.94E-01	2.98E-03	6.10E-04	7.81E-10	1.60E-10
3.18E+00	5.59E-01	2.64E+00	7.57E-01	9.94E-01	2.22E-01	1.07E+00	2.93E-01	2.23E-01	5.21E-02	2.07E+00	3.68E-01	1.19E+00	1.79E-01	2.34E-03	5.72E-04	6.13E-10	1.50E-10
3.19E+00	6.46E-01	2.73E+00	6.28E-01	9.90E-01	1.85E-01	1.02E+00	2.30E-01	1.94E-01	4.32E-02	2.05E+00	4.25E-01	1.13E+00	2.29E-01	2.42E-03	4.70E-04	6.35E-10	1.23E-10
2.76E+00	5.11E-01	2.53E+00	5.12E-01	1.13E+00	1.49E-01	1.18E+00	1.84E-01	1.56E-01	3.27E-02	1.82E+00	3.58E-01	9.88E-01	1.86E-01	1.78E-03	3.58E-04	4.65E-10	9.36E-11
2.47E+00	4.16E-01	2.37E+00	5.65E-01	7.89E-01	1.46E-01	8.84E-01	1.91E-01	1.63E-01	3.13E-02	1.57E+00	2.72E-01	8.79E-01	1.49E-01	1.73E-03	3.19E-04	4.52E-10	8.35E-11
2.09E+00	4.74E-01	2.35E+00	5.12E-01	7.69E-01	1.41E-01	9.24E-01	1.77E-01	1.76E-01	3.21E-02	1.42E+00	3.10E-01	7.93E-01	1.58E-01	1.89E-03	3.45E-04	4.94E-10	9.02E-11
2.38E+00	4.74E-01	2.88E+00	5.10E-01	7.76E-01	1.70E-01	1.25E+00	1.93E-01	2.15E-01	3.75E-02	1.56E+00	3.23E-01	8.55E-01	1.79E-01	2.68E-03	3.88E-04	6.99E-10	1.02E-10
2.77E+00	4.98E-01	2.52E+00	9.31E-01	7.18E-01	2.75E-01	1.06E+00	3.34E-01	1.65E-01	5.90E-02	1.89E+00	3.37E-01	1.07E+00	1.40E-01	2.32E-03	5.98E-04	6.06E-10	1.57E-10
1.83E+00	6.72E-01	2.63E+00	1.05E+00	7.48E-01	2.25E-01	9.75E-01	3.85E-01	1.63E-01	5.59E-02	1.11E+00	4.52E-01	6.43E-01	2.11E-01	1.85E-03	6.49E-04	4.85E-10	1.70E-10
1.60E+00	3.93E-01	2.49E+00	6.92E-01	8.85E-01	1.82E-01	9.18E-01	2.65E-01	1.61E-01	4.49E-02	1.03E+00	2.69E-01	5.09E-01	1.23E-01	1.82E-03	5.17E-04	4.77E-10	1.35E-10
1.78E+00	3.80E-01	2.49E+00	4.70E-01	7.67E-01	1.28E-01	9.06E-01	1.74E-01	1.62E-01	2.92E-02	1.09E+00	2.43E-01	6.53E-01	1.28E-01	1.73E-03	3.22E-04	4.47E-10	8.43E-11
1.51E+00	3.45E-01	3.33E+00	5.51E-01	9.74E-01	1.62E-01	1.36E+00	1.96E-01	2.45E-01	3.49E-02	1.04E+00	2.37E-01	5.60E-01	1.08E-01	2.89E-03	3.55E-04	7.47E-10	9.29E-11
1.29E+00	3.56E-01	2.68E+00	6.56E-01	8.95E-01	1.57E-01	1.16E+00	2.41E-01	1.93E-01	3.83E-02	8.65E-01	2.45E-01	4.80E-01	1.07E-01	2.51E-03	4.36E-04	6.49E-10	1.14E-10
1.39E+00	3.30E-01	3.15E+00	6.04E-01	8.89E-01	1.40E-01	1.26E+00	2.16E-01	2.19E-01	3.40E-02	9.72E-01	2.29E-01	5.46E-01	9.99E-02	2.61E-03	3.88E-04	6.65E-10	1.02E-10
1.77E+00	3.98E-01	4.71E+00	7.20E-01	1.32E+00	1.99E-01	1.90E+00	2.51E-01	3.31E-01	4.31E-02	1.22E+00	2.74E-01	5.53E-01	1.16E-01	3.95E-03	4.41E-04	1.01E-09	1.16E-10
9.87E+00	4.57E-01	7.19E+00	8.23E-01	1.06E+00	2.02E-01	1.73E+00	2.97E-01	2.38E-01	4.77E-02	5.91E+00	3.17E-01	3.20E+00	1.47E-01	2.60E-03	5.29E-04	6.64E-10	1.39E-10
2.21E+00	4.84E-01	3.24E+00	8.89E-01	8.80E-01	1.85E-01	1.42E+00	3.30E-01	2.44E-01	4.93E-02	1.31E+00	3.35E-01	7.26E-01	1.50E-01	3.04E-03	6.01E-04	7.94E-10	1.58E-10
2.48E+00	4.15E-01	3.03E+00	8.22E-01	9.69E-01	1.87E-01	1.18E+00	3.09E-01	2.25E-01	4.85E-02	1.45E+00	2.87E-01	9.03E-01	1.24E-01	2.45E-03	5.79E-04	6.41E-10	1.52E-10
3.25E+00	2.94E-01	3.71E+00	5.91E-01	9.99E-01	1.82E-01	1.45E+00	2.05E-01	2.55E-01	3.73E-02	1.95E+00	2.07E-01	1.21E+00	1.05E-01	3.02E-03	3.90E-04	7.88E-10	1.02E-10
2.17E+00	3.84E-01	3.68E+00	6.15E-01	1.04E+00	1.40E-01	1.46E+00	2.21E-01	2.23E-01	3.43E-02	1.44E+00	2.67E-01	8.75E-01	1.31E-01	3.15E-03	3.92E-04	8.22E-10	1.03E-10
3.12E+00	3.21E-01	3.56E+00	5.15E-01	9.27E-01	1.21E-01	1.42E+00	1.74E-01	2.11E-01	2.70E-02	1.77E+00	2.23E-01	1.10E+00	1.07E-01	3.10E-03	2.88E-04	8.05E-10	7.55E-11
2.21E+00	3.07E-01	3.08E+00	5.15E-01	8.41E-01	1.56E-01	1.20E+00	1.72E-01	2.07E-01	3.22E-02	1.34E+00	2.14E-01	8.27E-01	9.80E-02	2.46E-03	3.32E-04	6.38E-10	8.70E-11
1.86E+00	3.60E-01	3.77E+00	6.13E-01	1.18E+00	1.54E-01	1.50E+00	2.28E-01	2.79E-01	3.77E-02	1.15E+00	2.38E-01	6.76E-01	1.24E-01	3.12E-03	4.31E-04	8.15E-10	1.13E-10
2.55E+00	3.11E-01	4.31E+00	5.87E-01	1.11E+00	1.32E-01	1.75E+00	2.21E-01	2.94E-01	3.41E-02	1.46E+00	2.13E-01	9.04E-01	1.03E-01	3.58E-03	4.07E-04	9.35E-10	1.07E-10
1.77E+00	3.01E-01	4.45E+00	4.06E-01	1.19E+00	1.11E-01	1.78E+00	1.53E-01	3.04E-01	2.38E-02	1.28E+00	2.01E-01	6.41E-01	1.05E-01	3.62E-03	2.73E-04	9.43E-10	7.16E-11
1.98E+00	2.58E-01	3.83E+00	3.67E-01	1.02E+00	9.50E-02	1.53E+00	1.21E-01	2.61E-01	2.01E-02	1.34E+00	1.86E-01	6.05E-01	8.63E-02	3.12E-03	2.22E-04	8.12E-10	5.81E-11
2.10E+00	2.43E-01	3.11E+00	5.19E-01	8.86E-01	1.54E-01	1.21E+00	2.04E-01	2.09E-01	3.67E-02	1.49E+00	1.76E-01	6.96E-01	8.86E-02	2.44E-03	4.10E-04	6.36E-10	1.07E-10
1.89E+00	2.51E-01	2.97E+00	5.40E-01	8.61E-01	1.60E-01	1.15E+00	2.07E-01	1.90E-01	3.61E-02	1.21E+00	1.72E-01	6.48E-01	8.13E-02	2.26E-03	4.14E-04	5.89E-10	1.08E-10
1.75E+00	3.03E-01	2.37E+00	5.38E-01	6.39E-01	1.37E-01	9.04E-01	2.07E-01	1.55E-01	3.42E-02	1.22E+00	2.10E-01	5.97E-01	1.03E-01	1.81E-03	3.98E-04	4.71E-10	1.04E-10
1.37E+00	2.35E-01	2.02E+00	3.97E-01	5.52E-01	1.09E-01	7.95E-01	1.52E-01	1.41E-01	2.58E-02	8.29E-01	1.52E-01	4.48E-01	7.16E-02	1.70E-03	2.86E-04	4.37E-10	7.50E-11
1.19E+00	1.97E-01	1.76E+00	4.16E-01	5.05E-01	1.14E-01	7.28E-01	1.58E-01	1.29E-01	2.73E-02	7.03E-01	1.28E-01	3.86E-01	6.13E-02	1.56E-03	3.06E-04	4.00E-10	8.02E-11
1.10E+00	1.86E-01	1.70E+00	3.92E-01	4.63E-01	1.04E-01	6.62E-01	1.50E-01	1.13E-01	2.52E-02	7.68E-01	1.27E-01	3.98E-01	5.22E-02	1.53E-03	2.85E-04	3.99E-10	7.46E-11
1.16E+00	1.61E-01	1.65E+00	3.23E-01	4.56E-01	8.39E-02	6.65E-01	1.23E-01	1.11E-01	2.04E-02	8.10E-01	1.10E-01	4.27E-01	4.64E-02	1.55E-03	2.31E-04	4.04E-10	6.05E-11
1.06E+00	1.27E-01	1.79E+00	2.40E-01	4.44E-01	6.14E-02	6.53E-01	9.16E-02	1.06E-01	1.53E-02	7.31E-01	8.56E-02	3.89E-01	3.72E-02	1.52E-03	1.87E-04	3.93E-10	4.91E-11
1.18E+00	1.07E-01	1.95E+00	2.55E-01	4.71E-01	7.67E-02	7.02E-01	1.07E-01	1.09E-01	1.97E-02	7.95E-01	7.36E-02	3.56E-01	3.34E-02	1.40E-03	2.31E-04	3.61E-10	6.06E-11
1.24E+00	1.41E-01	1.85E+00	2.87E-01	4.44E-01	8.72E-02	6.54E-01	1.15E-01	1.02E-01	2.12E-02	8.37E-01	9.56E-02	3.87E-01	4.67E-02	1.22E-03	2.40E-04	3.15E-10	6.28E-11
1.16E+00	1.61E-01	1.59E+00	2.90E-01	3.99E-01	8.71E-02	5.87E-01	1.10E-01	1.01E-01	2.01E-02	7.81E-01	1.09E-01	3.68E-01	5.48E-02	1.26E-03	2.19E-04	3.30E-10	5.73E-11
1.03E+00	1.58E-01	1.29E+00	2.67E-01	3.85E-01	7.70E-02	6.27E-01	9.58E-02	9.76E-02	1.70E-02	7.18E-01	1.07E-01	3.47E-01	5.39E-02	1.34E-03	1.77E-04	3.50E-10	4.63E-11
1.12E+00	1.41E-01	1.36E+00	2.33E-01	3.74E-01	6.28E-02	6.06E-01	7.85E-02	9.33E-02	1.32E-02	7.63E-01	9.60E-02	3.78E-01	4.81E-02	1.28E-03	1.32E-04	3.34E-10	3.45E-11
1.03E+00	1.40E-01	1.29E+00	1.98E-01	4.13E-01	4.90E-02	5.41E-01	6.31E-02	9.70E-02	1.03E-02	6.89E-01	9.39E-02	3.49E-01	4.28E-02	1.15E-03	1.11E-04	2.95E-10	2.91E-11
1.08E+00	1.44E-01	1.89E+00	2.33E-01	5.70E-01	6.20E-02	6.68E-01	8.31E-02	1.25E-01	1.41E-02	7.13E-01	9.66E-02	3.92E-01	4.58E-02	1.28E-03	1.52E-04	3.36E-10	3.96E-11
1.94E+00	2.30E-01	3.12E+00	4.65E-01	1.08E+00	1.42E-01	1.55E+00	1.94E-01	2.55E-01	3.55E-02	1.23E+00	1.58E-01	6.65E-01	7.17E-02	3.66E-03	4.13E-04	9.51E-10	1.07E-10
1.80E+00	2.33E-01	3.75E+00	5.83E-01	1.21E+00	1.82E-01	1.69E+00	2.36E-01	2.96E-01	4.37E-02	1.16E+00	1.59E-01	6.22E-01	7.45E-02	3.83E-03	4.94E-04	1.00E-09	1.29E-10
2.20E+00	3.29E-01	4.14E+00	6.39E-01	1.39E+00	1.99E-01	1.99E+00	3.01E-01	3.15E-01	5.03E-02	1.39E+00	2.17E-01	7.74E-01	1.01E-01	4.64E-03	6.87E-04	1.21E-09	1.79E-10
2.39E+00	3.94E-01	3.65E+00	6.56E-01	1.26E+00	1.89E-01	1.78E+00	3.04E-01	2.75E-01	5.17E-02	1.53E+00	2.59E-01	8.47E-01	1.19E-01	4.16E-03	6.84E-04	1.09E-09	1.79E-10
2.35E+00	4.04E-01	3.28E+00	6.08E-01	1.23E+00	1.69E-01	1.42E+00	2.71E-01	2.32E-01	4.57E-02	1.52E+00	2.71E-01	8.03E-01	1.25E-01	3.18E-03	5.99E-04	8.19E-10	1.57E-10
2.71E+00	3.80E-01	3.31E+00	5.75E-01	1.12E+00	1.58E-01	1.41E+00	2.33E-01	2.60E-01	3.69E-02	1.80E+00	2.63E-01	9.27E-01	1.23E-01	3.35E-03	4.86E-04	8.77E-10	1.27E-10
2.52E+00	3.76E-01	3.39E+00	6.00E-01	1.20E+00	1.80E-01	1.66E+00	2.72E-01	2.82E-01	4.50E-02	1.68E+00	2.61E-01	9.18E-01	1.28E-01	3.90E-03	6.24E-04	1.02E-09	1.63E-10
2.91E+00	4.11E-01	3.13E+00	5.91E-01	1.13E+00	1.87E-01	1.30E+00	2.42E-01	2.63E-01	4.45E-02	1.91E+00	2.77E-01	1.08E+00	1.39E-01	2.86E-03	5.42E-04	7.48E-10	1.42E-10
2.90E+00	4.83E-01	2.76E+00	6.60E-01	1.04E+00	2.11E-01	1.10E+00	2.50E-01	2.29E-01	4.68E-02	1.80E+00	3.22E-01	1.06E+00	1.62E-01	2.40E-03	4.92E-04	6.29E-10	1.28E-10
2.74E+00	5.03E-01	3.36E+00	7.67E-01	1.18E+00	2.24E-01	1.36E+00	3.05E-01	2.71E-01	5.46E-02	1.78E+00	3.31E-01	9.77E-01	1.53E-01	2.91E-03	6.21E-04	7.62E-10	1.62E-10
3.32E+00	5.71E-01	3.21E+00	7.59E-01	1.21E+00	2.27E-01	1.30E+00	2.93E-01	2.71E-01	5.26E-02	2.14E+00	3.79E-01	1.25E+00	1.89E-01	3.09E-03	5.72E-04	8.10E-10	1.50E-10
2.54E+00	5.87E-01	2.40E+00	4.95E-01	1.01E+00	1.51E-01	1.04E+00	1.90E-01	1.81E-01	3.47E-02	1.65E+00	3.87E-01	9.15E-01	2.07E-01	2.08E-03	3.76E-04	5.46E-10	9.82E-11
2.56E+00	4.26E-01	2.38E+00	4.64E-01	7.95E-01	1.55E-01	1.02E+00	1.67E-01	1.41E-01	3.30E-02	1.75E+00	3.05E-01	9.35E-01	1.56E-01	1.71E-03	3.29E-04	4.47E-10	8.61E-11
2.62E+00	4.18E-01	2.44E+00	6.13E-01	9.81E-01	1.59E-01	8.93E-01	2.06E-01	1.94E-01	3.39E-02	1.68E+00	2.74E-01	9.35E-01	1.50E-01	2.01E-03	3.43E-04	5.27E-10	8.99E-11
2.50E+00	6.46E-01	2.63E+00	7.00E-01	1.07E+00	1.80E-01	1.09E+00	2.41E-01	1.72E-01	3.94E-02	1.77E+00	4.19E-01	9.85E-01	2.13E-01	2.64E-03	4.43E-04	6.91E-10	1.16E-10
2.84E+00	5.90E-01	2.58E+00	6.17E-01	1.07E+00	2.16E-01	1.12E+00	2.36E-01	1.96E-01	4.73E-02	1.87E+00	3.98E-01	9.83E-01	2.21E-01	2.41E-03	4.85E-04	6.27E-10	1.27E-10
2.61E+00	4.17E-01	2.37E+00	8.42E-01	6.60E-01	2.57E-01	1.06E+00	3.07E-01	1.70E-01	5.56E-02	1.76E+00	2.83E-01	1.00E+00	1.13E-01	2.32E-03	5.67E-04	6.04E-10	1.48E-10
1.79E+00	6.36E-01	2.42E+00	1.00E+00	6.80E-01	2.23E-01	8.78E-01	3.68E-01	1.53E-01	5.45E-02	1.12E+00	4.22E-01	6.74E-01	1.95E-01	1.64E-03	6.23E-04	4.29E-10	1.63E-10
1.89E+00	4.43E-01	2.52E+00	7.14E-01	8.11E-01	1.93E-01	9.95E-01	2.68E-01	1.58E-01	4.58E-02	1.21E+00	3.20E-01	7.17E-01	1.52E-01	1.93E-03	5.23E-04	5.06E-10	1.37E-10
2.55E+00	3.88E-01	2.32E+00	5.89E-01	7.97E-01	1.23E-01	8.87E-01	2.02E-01	1.52E-01	2.96E-02	1.56E+00	2.62E-01	9.44E-01	1.24E-01	1.72E-03	3.65E-04	4.50E-10	9.55E-11
1.84E+00	3.54E-01	2.63E+00	5.92E-01	9.61E-01	1.60E-01	1.05E+00	2.09E-01	1.95E-01	3.47E-02	1.24E+00	2.41E-01	7.29E-01	1.06E-01	2.18E-03	3.56E-04	5.63E-10	9.32E-11
1.50E+00	3.13E-01	3.06E+00	6.04E-01	1.25E+00	1.68E-01	1.29E+00	2.20E-01	2.26E-01	3.78E-02	1.04E+00	2.14E-01	5.62E-01	1.02E-01	2.77E-03	4.01E-04	7.14E-10	1.05E-10
1.37E+00	3.16E-01	2.20E+00	5.88E-01	5.95E-01	1.33E-01	9.14E-01	2.21E-01	1.50E-01	3.37E-02	8.95E-01	2.17E-01	4.99E-01	9.69E-02	1.98E-03	4.05E-04	5.10E-10	1.06E-10
1.23E+00	2.89E-01	3.05E+00	5.47E-01	8.51E-01	1.20E-01	1.23E+00	2.02E-01	2.13E-01	3.10E-02	8.51E-01	2.00E-01	3.75E-01	8.77E-02	2.61E-03	3.71E-04	6.56E-10	9.73E-11
1.57E+00	3.73E-01	4.21E+00	6.82E-01	1.21E+00	1.79E-01	1.69E+00	2.43E-01	2.97E-01	4.06E-02	1.10E+00	2.56E-01	5.34E-01	1.10E-01	3.56E-03	4.34E-04	9.00E-10	1.14E-10
7.66E+00	3.89E-01	5.45E+00	7.14E-01	9.69E-01	1.78E-01	1.35E+00	2.60E-01	2.09E-01	4.21E-02	4.79E+00	2.69E-01	2.59E+00	1.27E-01	2.24E-03	4.67E-04	5.66E-10	1.22E-10
3.35E+00	4.36E-01	2.84E+00	8.28E-01	7.79E-01	1.82E-01	1.27E+00	3.09E-01	2.17E-01	4.75E-02	1.91E+00	3.01E-01	1.04E+00	1.33E-01	2.73E-03	5.69E-04	7.10E-10	1.49E-10
2.41E+00	3.81E-01	2.71E+00	7.80E-01	8.22E-01	1.92E-01	9.58E-01	2.90E-01	1.87E-01	4.75E-02	1.42E+00	2.63E-01	8.80E-01	1.11E-01	2.00E-03	5.48E-04	5.24E-10	1.43E-10
2.66E+00	3.20E-01	3.19E+00	4.53E-01	9.33E-01	1.43E-01	1.25E+00	1.67E-01	2.29E-01	2.97E-02	1.58E+00	2.11E-01	9.78E-01	1.07E-01	2.62E-03	3.21E-04	6.85E-10	8.42E-11
4.00E+00	4.11E-01	3.35E+00	6.39E-01	8.49E-01	1.59E-01	1.29E+00	2.36E-01	2.19E-01	3.88E-02	2.40E+00	2.74E-01	1.47E+00	1.39E-01	2.70E-03	4.41E-04	7.03E-10	1.16E-10
2.31E+00	3.36E-01	3.56E+00	4.89E-01	9.77E-01	1.20E-01	1.42E+00	1.72E-01	2.20E-01	2.57E-02	1.34E+00	2.30E-01	8.21E-01	1.12E-01	3.12E-03	2.79E-04	8.06E-10	7.32E-11
2.32E+00	3.25E-01	2.81E+00	5.15E-01	8.95E-01	1.37E-01	1.10E+00	1.78E-01	1.71E-01	2.74E-02	1.47E+00	2.26E-01	8.71E-01	1.03E-01	2.42E-03	2.94E-04	6.22E-10	7.71E-11
2.12E+00	3.46E-01	2.42E+00	5.83E-01	9.10E-01	1.48E-01	9.05E-01	2.02E-01	1.63E-01	3.28E-02	1.21E+00	2.32E-01	7.40E-01	1.01E-01	1.94E-03	3.68E-04	4.98E-10	9.63E-11
2.14E+00	3.10E-01	3.32E+00	5.93E-01	1.01E+00	1.70E-01	1.25E+00	2.19E-01	2.34E-01	3.59E-02	1.29E+00	2.10E-01	7.83E-01	1.05E-01	2.64E-03	4.15E-04	6.90E-10	1.09E-10
2.54E+00	3.03E-01	4.23E+00	5.12E-01	1.16E+00	1.14E-01	1.68E+00	1.94E-01	2.88E-01	2.97E-02	1.49E+00	2.05E-01	9.20E-01	9.63E-02	3.37E-03	3.57E-04	8.77E-10	9.35E-11
1.99E+00	3.25E-01	4.94E+00	4.54E-01	1.35E+00	1.36E-01	1.95E+00	1.63E-01	3.37E-01	3.06E-02	1.32E+00	2.17E-01	6.38E-01	1.14E-01	3.95E-03	3.23E-04	1.03E-09	8.47E-11
2.30E+00	2.80E-01	4.28E+00	4.24E-01	1.18E+00	1.07E-01	1.68E+00	1.27E-01	2.92E-01	2.03E-02	1.56E+00	1.99E-01	6.89E-01	9.05E-02	3.40E-03	2.15E-04	8.85E-10	5.65E-11
1.96E+00	2.42E-01	3.27E+00	4.51E-01	8.44E-01	1.35E-01	1.24E+00	1.76E-01	1.98E-01	3.16E-02	1.40E+00	1.73E-01	6.26E-01	8.52E-02	2.61E-03	3.49E-04	6.55E-10	9.11E-11
1.66E+00	2.13E-01	2.82E+00	4.77E-01	8.29E-01	1.48E-01	1.11E+00	1.84E-01	1.86E-01	3.37E-02	1.08E+00	1.47E-01	5.57E-01	6.67E-02	2.20E-03	3.63E-04	5.73E-10	9.46E-11
1.39E+00	2.52E-01	2.39E+00	4.88E-01	6.09E-01	1.26E-01	9.11E-01	1.89E-01	1.45E-01	3.17E-02	9.88E-01	1.77E-01	4.67E-01	8.47E-02	1.73E-03	3.68E-04	4.50E-10	9.64E-11
1.16E+00	1.98E-01	1.99E+00	3.98E-01	5.09E-01	9.85E-02	7.89E-01	1.53E-01	1.31E-01	2.48E-02	7.83E-01	1.34E-01	4.10E-01	6.89E-02	1.55E-03	2.90E-04	4.06E-10	7.58E-11
1.46E+00	2.22E-01	1.64E+00	3.72E-01	4.79E-01	1.03E-01	6.86E-01	1.42E-01	1.22E-01	2.47E-02	8.89E-01	1.45E-01	4.82E-01	6.92E-02	1.48E-03	2.78E-04	3.80E-10	7.27E-11
1.39E+00	2.11E-01	1.51E+00	3.81E-01	4.96E-01	1.03E-01	6.29E-01	1.46E-01	1.12E-01	2.49E-02	8.29E-01	1.35E-01	4.60E-01	6.67E-02	1.44E-03	2.81E-04	3.74E-10	7.36E-11
1.16E+00	1.60E-01	1.51E+00	3.36E-01	4.18E-01	8.89E-02	5.82E-01	1.29E-01	9.99E-02	2.16E-02	6.71E-01	1.09E-01	3.78E-01	4.93E-02	1.39E-03	2.45E-04	3.59E-10	6.42E-11
1.01E+00	1.36E-01	1.48E+00	2.73E-01	4.17E-01	7.12E-02	5.74E-01	1.05E-01	9.96E-02	1.73E-02	6.83E-01	9.25E-02	3.60E-01	3.92E-02	1.27E-03	1.97E-04	3.28E-10	5.15E-11
9.01E-01	1.06E-01	1.52E+00	2.02E-01	3.77E-01	5.18E-02	5.57E-01	7.98E-02	9.21E-02	1.43E-02	6.36E-01	7.15E-02	3.38E-01	3.09E-02	1.11E-03	1.77E-04	2.80E-10	4.63E-11
1.01E+00	9.63E-02	1.70E+00	2.29E-01	3.96E-01	6.77E-02	6.19E-01	9.76E-02	9.49E-02	1.77E-02	6.85E-01	6.64E-02	3.08E-01	2.95E-02	1.16E-03	2.12E-04	2.93E-10	5.56E-11

Scenario 1 Results

1.10E+00	1.35E-01	1.70E+00	2.63E-01	3.93E-01	7.94E-02	6.11E-01	1.08E-01	9.28E-02	1.97E-02	7.42E-01	9.22E-02	3.43E-01	4.44E-02	1.27E-03	2.27E-04	3.23E-10	5.95E-11
1.07E+00	1.56E-01	1.53E+00	2.68E-01	3.66E-01	8.10E-02	5.43E-01	1.04E-01	9.35E-02	1.91E-02	7.20E-01	1.06E-01	3.38E-01	5.28E-02	1.27E-03	2.11E-04	3.21E-10	5.52E-11
1.15E+00	1.86E-01	1.51E+00	2.72E-01	3.81E-01	8.08E-02	5.80E-01	1.00E-01	9.17E-02	1.81E-02	8.07E-01	1.26E-01	3.84E-01	6.37E-02	1.24E-03	1.91E-04	3.24E-10	5.01E-11
2.21E+00	2.69E-01	3.22E+00	3.17E-01	7.99E-01	8.64E-02	1.18E+00	1.21E-01	1.79E-01	1.87E-02	1.50E+00	1.80E-01	7.06E-01	9.15E-02	1.90E-03	2.08E-04	4.97E-10	5.43E-11
1.94E+00	2.91E-01	3.60E+00	6.01E-01	1.24E+00	1.78E-01	1.74E+00	2.84E-01	2.68E-01	4.72E-02	1.23E+00	1.93E-01	6.84E-01	9.30E-02	4.09E-03	6.50E-04	1.06E-09	1.69E-10
2.08E+00	3.56E-01	3.78E+00	7.32E-01	1.28E+00	1.85E-01	1.95E+00	3.41E-01	3.01E-01	5.77E-02	1.36E+00	2.34E-01	7.41E-01	1.05E-01	4.60E-03	7.73E-04	1.20E-09	2.02E-10
2.14E+00	3.78E-01	4.00E+00	7.87E-01	1.47E+00	1.98E-01	1.72E+00	3.63E-01	2.92E-01	6.12E-02	1.40E+00	2.53E-01	7.28E-01	1.13E-01	4.06E-03	8.13E-04	1.06E-09	2.12E-10
2.42E+00	3.45E-01	3.65E+00	5.58E-01	1.17E+00	1.58E-01	1.55E+00	2.49E-01	2.78E-01	4.02E-02	1.62E+00	2.39E-01	8.13E-01	1.10E-01	3.70E-03	5.28E-04	9.51E-10	1.38E-10
2.23E+00	3.28E-01	2.95E+00	5.23E-01	1.04E+00	1.64E-01	1.56E+00	2.36E-01	2.44E-01	3.80E-02	1.51E+00	2.30E-01	8.16E-01	1.11E-01	3.79E-03	5.47E-04	9.89E-10	1.43E-10
2.41E+00	4.18E-01	4.63E+00	7.89E-01	1.58E+00	2.12E-01	1.97E+00	3.66E-01	3.86E-01	6.37E-02	1.57E+00	2.86E-01	9.07E-01	1.41E-01	4.39E-03	8.33E-04	1.15E-09	2.17E-10
2.82E+00	5.61E-01	5.19E+00	9.84E-01	1.78E+00	3.04E-01	2.30E+00	4.31E-01	4.33E-01	8.00E-02	1.79E+00	3.77E-01	1.03E+00	1.86E-01	5.57E-03	9.59E-04	1.46E-09	2.51E-10
2.90E+00	5.26E-01	4.02E+00	7.94E-01	1.46E+00	2.50E-01	1.70E+00	3.08E-01	3.29E-01	5.57E-02	1.88E+00	3.49E-01	1.00E+00	1.72E-01	3.75E-03	6.53E-04	9.81E-10	1.70E-10
2.68E+00	5.50E-01	4.15E+00	9.29E-01	1.44E+00	2.79E-01	1.75E+00	3.72E-01	3.47E-01	6.76E-02	1.74E+00	3.64E-01	9.26E-01	1.73E-01	3.89E-03	7.67E-04	1.02E-09	2.00E-10
3.12E+00	5.77E-01	3.44E+00	6.91E-01	1.24E+00	2.09E-01	1.68E+00	2.65E-01	2.89E-01	4.79E-02	2.00E+00	3.84E-01	1.19E+00	2.06E-01	4.07E-03	5.18E-04	1.06E-09	1.35E-10
2.64E+00	5.81E-01	2.63E+00	5.10E-01	1.01E+00	1.35E-01	1.21E+00	1.74E-01	2.22E-01	3.06E-02	1.69E+00	3.83E-01	9.07E-01	2.03E-01	2.36E-03	3.49E-04	6.17E-10	9.09E-11
2.22E+00	3.39E-01	2.12E+00	4.39E-01	6.03E-01	1.47E-01	8.09E-01	1.55E-01	1.42E-01	3.11E-02	1.44E+00	2.48E-01	8.24E-01	1.26E-01	1.79E-03	3.08E-04	4.69E-10	8.07E-11
2.46E+00	3.79E-01	2.35E+00	6.11E-01	9.80E-01	1.58E-01	8.63E-01	2.06E-01	1.84E-01	3.36E-02	1.58E+00	2.55E-01	8.81E-01	1.37E-01	2.09E-03	3.40E-04	5.47E-10	8.88E-11
1.73E+00	4.87E-01	1.93E+00	5.04E-01	6.90E-01	1.33E-01	7.20E-01	1.72E-01	1.40E-01	2.95E-02	1.17E+00	3.17E-01	6.57E-01	1.63E-01	1.65E-03	3.46E-04	4.33E-10	9.04E-11
2.47E+00	5.25E-01	2.23E+00	5.74E-01	9.82E-01	2.02E-01	9.69E-01	2.21E-01	1.71E-01	4.44E-02	1.67E+00	3.55E-01	8.70E-01	1.97E-01	2.09E-03	4.58E-04	5.44E-10	1.20E-10
3.03E+00	3.78E-01	2.60E+00	8.48E-01	1.07E+00	2.69E-01	9.74E-01	3.15E-01	1.60E-01	5.87E-02	2.04E+00	2.65E-01	1.16E+00	1.50E-01	2.13E-03	6.04E-04	5.55E-10	1.58E-10
2.50E+00	6.49E-01	2.30E+00	1.06E+00	8.29E-01	2.47E-01	1.17E+00	3.89E-01	1.69E-01	5.92E-02	1.57E+00	4.28E-01	9.45E-01	1.94E-01	2.74E-03	6.67E-04	7.19E-10	1.75E-10
2.66E+00	5.95E-01	2.59E+00	8.27E-01	8.47E-01	2.06E-01	1.19E+00	3.03E-01	1.51E-01	4.81E-02	1.61E+00	4.08E-01	9.18E-01	2.00E-01	2.36E-03	5.27E-04	6.19E-10	1.38E-10
3.03E+00	4.93E-01	2.51E+00	7.81E-01	8.00E-01	1.63E-01	9.49E-01	2.72E-01	1.49E-01	3.97E-02	1.74E+00	3.31E-01	1.02E+00	1.52E-01	1.69E-03	4.54E-04	4.44E-10	1.19E-10
2.23E+00	4.80E-01	2.30E+00	4.80E-01	8.22E-01	1.40E-01	8.61E-01	1.69E-01	1.40E-01	2.91E-02	1.35E+00	3.04E-01	8.13E-01	1.64E-01	1.64E-03	3.07E-04	4.28E-10	8.03E-11
1.57E+00	3.38E-01	2.81E+00	5.53E-01	1.10E+00	1.39E-01	1.15E+00	2.00E-01	2.10E-01	3.08E-02	9.40E-01	2.31E-01	5.72E-01	1.08E-01	2.45E-03	3.41E-04	6.31E-10	8.93E-11
1.71E+00	3.20E-01	2.63E+00	6.10E-01	1.12E+00	1.59E-01	1.12E+00	2.25E-01	1.93E-01	3.73E-02	1.06E+00	2.19E-01	6.34E-01	9.35E-02	2.42E-03	4.11E-04	6.22E-10	1.08E-10
1.55E+00	2.87E-01	2.21E+00	4.90E-01	7.09E-01	1.20E-01	8.06E-01	1.87E-01	1.28E-01	2.90E-02	1.03E+00	1.95E-01	5.99E-01	9.02E-02	1.54E-03	3.47E-04	3.95E-10	9.10E-11
1.20E+00	2.44E-01	2.92E+00	4.74E-01	8.10E-01	1.08E-01	1.19E+00	1.79E-01	2.05E-01	2.71E-02	8.18E-01	1.68E-01	3.98E-01	7.41E-02	2.57E-03	3.34E-04	6.38E-10	8.74E-11
1.69E+00	3.64E-01	3.78E+00	6.70E-01	1.12E+00	1.70E-01	1.50E+00	2.44E-01	2.69E-01	3.98E-02	1.08E+00	2.49E-01	6.36E-01	1.08E-01	3.21E-03	4.38E-04	8.03E-10	1.15E-10
3.35E+00	3.49E-01	2.76E+00	6.53E-01	9.06E-01	1.66E-01	9.86E-01	2.39E-01	1.87E-01	3.91E-02	2.13E+00	2.42E-01	1.15E+00	1.05E-01	1.95E-03	4.34E-04	4.86E-10	1.14E-10
2.23E+00	3.92E-01	2.46E+00	7.62E-01	6.84E-01	1.76E-01	1.10E+00	2.85E-01	1.90E-01	4.49E-02	1.33E+00	2.70E-01	7.17E-01	1.17E-01	2.40E-03	5.30E-04	6.22E-10	1.39E-10
1.91E+00	3.32E-01	2.27E+00	6.95E-01	7.02E-01	1.82E-01	9.27E-01	2.57E-01	1.66E-01	4.34E-02	1.12E+00	2.29E-01	6.98E-01	9.40E-02	1.85E-03	4.87E-04	4.79E-10	1.27E-10
1.98E+00	2.99E-01	2.59E+00	4.59E-01	8.05E-01	1.02E-01	1.03E+00	1.83E-01	1.92E-01	2.69E-02	1.17E+00	1.94E-01	7.28E-01	9.51E-02	2.17E-03	3.52E-04	5.64E-10	9.19E-11
3.46E+00	3.12E-01	2.96E+00	5.72E-01	7.74E-01	1.56E-01	1.13E+00	2.08E-01	1.99E-01	3.58E-02	2.12E+00	2.10E-01	1.26E+00	1.02E-01	2.39E-03	4.00E-04	6.22E-10	1.05E-10
1.91E+00	3.44E-01	3.12E+00	5.37E-01	9.01E-01	1.25E-01	1.25E+00	1.94E-01	2.05E-01	2.83E-02	1.27E+00	2.36E-01	7.73E-01	1.20E-01	2.77E-03	3.27E-04	7.04E-10	8.57E-11
2.49E+00	3.04E-01	2.89E+00	4.96E-01	7.80E-01	1.21E-01	1.16E+00	1.71E-01	1.88E-01	2.71E-02	1.42E+00	2.10E-01	8.82E-01	9.39E-02	2.59E-03	2.87E-04	6.53E-10	7.52E-11
2.54E+00	2.93E-01	3.00E+00	5.44E-01	8.95E-01	1.70E-01	9.97E-01	1.91E-01	1.81E-01	3.67E-02	1.51E+00	2.04E-01	9.31E-01	9.18E-02	1.80E-03	3.74E-04	4.72E-10	9.81E-11
2.12E+00	3.58E-01	2.36E+00	5.09E-01	8.71E-01	1.47E-01	8.71E-01	1.91E-01	1.73E-01	3.23E-02	1.24E+00	2.38E-01	7.58E-01	1.13E-01	1.90E-03	3.68E-04	4.95E-10	9.64E-11
2.15E+00	3.44E-01	3.42E+00	6.34E-01	9.49E-01	1.73E-01	1.24E+00	2.20E-01	2.16E-01	3.77E-02	1.34E+00	2.31E-01	8.03E-01	9.62E-02	2.31E-03	3.89E-04	6.06E-10	1.02E-10
2.38E+00	3.17E-01	4.00E+00	4.59E-01	1.11E+00	1.02E-01	1.58E+00	1.74E-01	2.72E-01	2.67E-02	1.44E+00	2.14E-01	8.78E-01	1.01E-01	3.16E-03	3.22E-04	8.23E-10	8.43E-11
1.92E+00	3.20E-01	4.60E+00	4.79E-01	1.28E+00	1.42E-01	1.81E+00	1.74E-01	3.13E-01	3.22E-02	1.29E+00	2.13E-01	6.31E-01	1.11E-01	3.64E-03	3.44E-04	9.46E-10	9.02E-11
2.18E+00	2.61E-01	4.11E+00	4.02E-01	1.13E+00	1.04E-01	1.62E+00	1.17E-01	2.80E-01	1.86E-02	1.47E+00	1.85E-01	6.42E-01	8.29E-02	3.29E-03	2.02E-04	8.54E-10	5.30E-11
1.95E+00	2.57E-01	3.32E+00	3.98E-01	1.02E+00	1.21E-01	1.27E+00	1.51E-01	2.17E-01	2.74E-02	1.40E+00	1.81E-01	6.13E-01	8.73E-02	2.64E-03	2.94E-04	6.69E-10	7.65E-11
1.82E+00	2.00E-01	2.79E+00	4.88E-01	8.74E-01	1.49E-01	1.04E+00	1.91E-01	1.75E-01	3.47E-02	1.23E+00	1.38E-01	5.83E-01	7.07E-02	2.19E-03	3.80E-04	5.45E-10	9.92E-11
1.64E+00	2.56E-01	2.31E+00	4.49E-01	7.53E-01	1.38E-01	8.93E-01	1.75E-01	1.49E-01	2.97E-02	1.05E+00	1.81E-01	5.71E-01	8.32E-02	1.72E-03	3.45E-04	4.49E-10	9.04E-11
1.76E+00	2.96E-01	2.09E+00	4.11E-01	6.89E-01	1.04E-01	7.55E-01	1.60E-01	1.32E-01	2.62E-02	1.19E+00	2.02E-01	5.96E-01	1.00E-01	1.50E-03	3.07E-04	3.92E-10	8.04E-11
1.77E+00	2.51E-01	1.93E+00	3.45E-01	6.81E-01	9.41E-02	6.67E-01	1.29E-01	1.33E-01	2.27E-02	1.15E+00	1.68E-01	6.08E-01	8.53E-02	1.38E-03	2.55E-04	3.61E-10	6.68E-11
1.80E+00	2.46E-01	2.11E+00	3.60E-01	6.27E-01	9.83E-02	7.10E-01	1.38E-01	1.30E-01	2.38E-02	1.11E+00	1.63E-01	5.94E-01	7.78E-02	1.32E-03	2.70E-04	3.38E-10	7.06E-11
1.60E+00	2.17E-01	1.91E+00	3.39E-01	6.14E-01	9.06E-02	6.57E-01	1.30E-01	1.29E-01	2.21E-02	9.52E-01	1.39E-01	5.34E-01	6.87E-02	1.28E-03	2.51E-04	3.35E-10	6.57E-11
1.12E+00	1.51E-01	1.39E+00	2.82E-01	3.91E-01	7.44E-02	5.33E-01	1.09E-01	9.19E-02	1.81E-02	6.52E-01	9.77E-02	3.59E-01	4.76E-02	1.09E-03	2.07E-04	2.78E-10	5.41E-11
1.05E+00	1.30E-01	1.37E+00	2.30E-01	3.91E-01	6.00E-02	5.30E-01	8.85E-02	9.25E-02	1.46E-02	6.61E-01	8.66E-02	3.42E-01	4.17E-02	1.09E-03	1.66E-04	2.75E-10	4.35E-11
7.77E-01	1.06E-01	1.26E+00	1.74E-01	3.58E-01	4.68E-02	5.18E-01	7.33E-02	8.70E-02	1.31E-02	5.58E-01	7.34E-02	2.98E-01	3.44E-02	1.22E-03	1.63E-04	3.10E-10	4.26E-11
8.51E-01	9.19E-02	1.44E+00	2.06E-01	3.27E-01	6.03E-02	5.28E-01	8.84E-02	8.01E-02	1.60E-02	5.76E-01	6.44E-02	2.60E-01	2.89E-02	1.24E-03	1.93E-04	3.14E-10	5.05E-11
9.61E-01	1.38E-01	1.49E+00	2.49E-01	3.37E-01	7.46E-02	5.45E-01	1.03E-01	8.30E-02	1.88E-02	6.47E-01	9.46E-02	3.00E-01	4.50E-02	1.12E-03	2.19E-04	2.85E-10	5.73E-11
1.46E+00	2.68E-01	1.86E+00	3.22E-01	6.60E-01	9.76E-02	6.63E-01	1.28E-01	1.40E-01	2.35E-02	1.00E+00	1.81E-01	4.97E-01	9.01E-02	1.40E-03	2.64E-04	3.66E-10	6.91E-11
1.88E+00	3.27E-01	3.46E+00	6.42E-01	1.25E+00	1.67E-01	1.53E+00	2.93E-01	2.44E-01	5.00E-02	1.24E+00	2.20E-01	6.45E-01	9.82E-02	3.62E-03	6.55E-04	9.41E-10	1.71E-10
1.99E+00	2.97E-01	2.77E+00	4.33E-01	8.53E-01	1.24E-01	1.12E+00	1.83E-01	1.99E-01	3.04E-02	1.33E+00	2.05E-01	6.84E-01	9.57E-02	2.31E-03	3.89E-04	6.02E-10	1.01E-10
2.00E+00	2.88E-01	2.88E+00	4.55E-01	1.02E+00	1.52E-01	1.49E+00	2.07E-01	2.41E-01	3.45E-02	1.36E+00	2.03E-01	7.27E-01	9.70E-02	3.64E-03	4.83E-04	9.47E-10	1.26E-10
2.07E+00	3.14E-01	3.40E+00	5.68E-01	1.17E+00	1.55E-01	1.47E+00	2.68E-01	2.83E-01	4.57E-02	1.35E+00	2.16E-01	7.75E-01	1.06E-01	3.45E-03	6.15E-04	8.98E-10	1.60E-10
2.42E+00	4.47E-01	3.78E+00	7.01E-01	1.33E+00	2.12E-01	1.59E+00	3.12E-01	3.16E-01	5.71E-02	1.57E+00	3.02E-01	8.92E-01	1.52E-01	3.67E-03	7.01E-04	9.55E-10	1.83E-10
2.52E+00	5.04E-01	4.34E+00	7.95E-01	1.56E+00	2.58E-01	1.77E+00	3.10E-01	3.59E-01	5.90E-02	1.64E+00	3.36E-01	8.76E-01	1.66E-01	4.02E-03	6.74E-04	1.05E-09	1.76E-10
2.46E+00	4.83E-01	4.99E+00	9.46E-01	1.61E+00	2.69E-01	2.12E+00	3.97E-01	4.03E-01	7.07E-02	1.55E+00	3.22E-01	8.67E-01	1.43E-01	4.87E-03	8.54E-04	1.26E-09	2.23E-10
2.65E+00	5.41E-01	5.83E+00	1.10E+00	1.91E+00	3.28E-01	2.69E+00	4.53E-01	4.84E-01	8.21E-02	1.70E+00	3.62E-01	9.21E-01	1.72E-01	6.55E-03	9.54E-04	1.70E-09	2.49E-10
2.74E+00	6.26E-01	4.66E+00	7.29E-01	1.62E+00	2.32E-01	2.74E+00	2.84E-01	3.89E-01	5.21E-02	1.88E+00	4.17E-01	1.04E+00	2.21E-01	6.67E-03	5.70E-04	1.74E-09	1.49E-10
3.18E+00	6.25E-01	4.13E+00	5.80E-01	1.46E+00	2.07E-01	1.73E+00	2.36E-01	3.46E-01	4.76E-02	2.17E+00	4.12E-01	1.08E+00	2.17E-01	3.82E-03	5.13E-04	9.98E-10	1.34E-10
2.59E+00	4.25E-01	2.97E+00	5.68E-01	1.01E+00	2.09E-01	1.31E+00	2.10E-01	2.36E-01	4.47E-02	1.72E+00	2.77E-01	1.02E+00	1.48E-01	3.13E-03	4.48E-04	8.18E-10	1.17E-10
2.40E+00	3.98E-01	2.33E+00	6.36E-01	9.90E-01	1.65E-01	9.65E-01	2.15E-01	1.81E-01	3.50E-02	1.54E+00	2.67E-01	8.64E-01	1.30E-01	2.34E-03	3.72E-04	6.12E-10	9.74E-11
1.91E+00	5.21E-01	2.38E+00	5.37E-01	7.68E-01	1.40E-01	8.81E-01	1.82E-01	1.50E-01	3.20E-02	1.21E+00	3.39E-01	6.79E-01	1.73E-01	2.07E-03	3.87E-04	5.41E-10	1.01E-10
2.33E+00	5.09E-01	2.16E+00	5.79E-01	1.01E+00	2.04E-01	8.67E-01	2.26E-01	1.65E-01	4.53E-02	1.60E+00	3.45E-01	8.19E-01	1.91E-01	1.90E-03	4.73E-04	4.91E-10	1.24E-10
2.36E+00	3.10E-01	2.08E+00	6.78E-01	8.04E-01	2.14E-01	8.47E-01	2.54E-01	1.41E-01	4.72E-02	1.58E+00	2.20E-01	8.99E-01	1.25E-01	1.86E-03	4.92E-04	4.83E-10	1.29E-10
2.51E+00	5.49E-01	2.60E+00	1.01E+00	9.09E-01	2.56E-01	1.43E+00	3.75E-01	1.96E-01	6.08E-02	1.62E+00	3.65E-01	9.64E-01	1.57E-01	3.40E-03	6.79E-04	8.90E-10	1.78E-10
3.23E+00	7.60E-01	3.78E+00	9.62E-01	1.16E+00	2.21E-01	1.49E+00	3.44E-01	2.30E-01	5.64E-02	1.97E+00	5.02E-01	1.15E+00	2.50E-01	2.92E-03	6.61E-04	7.66E-10	1.73E-10
3.01E+00	5.13E-01	2.59E+00	8.39E-01	9.86E-01	2.29E-01	1.44E+00	2.99E-01	1.83E-01	4.72E-02	1.94E+00	3.50E-01	1.07E+00	1.73E-01	2.64E-03	5.13E-04	6.91E-10	1.34E-10
2.81E+00	4.52E-01	2.35E+00	6.69E-01	7.38E-01	1.22E-01	1.03E+00	2.33E-01	1.76E-01	3.10E-02	1.70E+00	2.99E-01	1.04E+00	1.42E-01	2.27E-03	3.78E-04	5.95E-10	9.91E-11
2.11E+00	4.15E-01	2.37E+00	6.00E-01	1.17E+00	1.62E-01	8.86E-01	2.17E-01	1.64E-01	3.61E-02	1.41E+00	2.64E-01	8.23E-01	1.48E-01	1.96E-03	3.79E-04	5.15E-10	9.93E-11
1.76E+00	3.23E-01	2.75E+00	5.34E-01	1.36E+00	1.51E-01	1.15E+00	1.96E-01	2.06E-01	3.40E-02	1.18E+00	2.20E-01	6.93E-01	1.05E-01	2.48E-03	3.60E-04	6.38E-10	9.44E-11
1.72E+00	3.01E-01	2.18E+00	5.71E-01	5.74E-01	1.40E-01	9.30E-01	2.14E-01	1.58E-01	3.43E-02	1.06E+00	2.06E-01	6.37E-01	8.94E-02	2.01E-03	3.94E-04	5.17E-10	1.03E-10
1.90E+00	2.83E-01	2.18E+00	4.68E-01	7.99E-01	1.20E-01	7.96E-01	1.72E-01	1.30E-01	2.84E-02	1.24E+00	1.92E-01	7.05E-01	9.24E-02	1.46E-03	3.17E-04	3.83E-10	8.31E-11
1.50E+00	2.05E-01	2.79E+00	3.99E-01	7.88E-01	1.25E-01	1.14E+00	1.53E-01	1.97E-01	2.56E-02	9.02E-01	1.41E-01	4.89E-01	6.14E-02	2.50E-03	2.88E-04	6.18E-10	7.55E-11
1.88E+00	3.58E-01	3.43E+00	6.60E-01	1.04E+00	1.63E-01	1.36E+00	2.43E-01	2.46E-01	3.90E-02	1.20E+00	2.45E-01	7.13E-01	1.07E-01	2.91E-03	4.40E-04	7.25E-10	1.15E-10
1.86E+00	3.39E-01	2.48E+00	6.44E-01	8.58E-01	1.65E-01	8.67E-01	2.38E-01	1.71E-01	3.91E-02	1.25E+00	2.35E-01	7.29E-01	1.01E-01	1.73E-03	4.35E-04	4.26E-10	1.14E-10
1.71E+00	3.76E-01	2.38E+00	7.59E-01	6.48E-01	1.82E-01	1.08E+00	2.87E-01	1.83E-01	4.60E-02	9.81E-01	2.59E-01	5.26E-01	1.10E-01	2.37E-03	5.40E-04	6.09E-10	1.41E-10
1.46E+00	2.89E-01	2.39E+00	6.16E-01	7.37E-01	1.69E-01	9.97E-01	2.27E-01	1.77E-01	3.93E-02	8.90E-01	1.99E-01	5.37E-01	8.52E-02	2.03E-03	4.32E-04	5.23E-10	1.13E-10
1.46E+00	2.70E-01	2.24E+00	5.09E-01	6.88E-01	1.09E-01	8.69E-01	2.01E-01	1.63E-01	3.06E-02	8.68E-01	1.84E-01	5.38E-01	8.85E-02	1.83E-03	3.88E-04	4.75E-10	1.01E-10
2.13E+00	2.36E-01	2.42E+00	4.76E-01	6.72E-01	1.39E-01	9.23E-01	1.72E-01	1.67E-01	3.05E-02	1.49E+00	1.58E-01	8.14E-01	8.48E-02	1.97E-03	3.34E-04	5.11E-10	8.73E-11
2.83E+00	3.30E-01	2.56E+00	5.16E-01	7.71E-01	1.22E-01	1.02E+00	1.86E-01	1.77E-01	2.95E-02	1.78E+00	2.22E-01	1.09E+00	1.15E-01	2.29E-03	3.36E-04	5.72E-10	8.80E-11
1.81E+00	2.67E-01	2.66E+00	3.93E-01	7.46E-01	1.04E-01	1.06E+00	1.36E-01	1.80E-01	2.27E-02	1.06E+00	1.78E-01	6.48E-01	8.67E-02	2.43E-03	2.38E-04	6.01E-10	6.22E-11
1.98E+00	2.79E-01	2.41E+00	4.58E-01	8.12E-01	1.18E-01	8.51E-01	1.62E-01	1.67E-01	2.57E-02	1.27E+00	1.93E-01	7.30E-01	8.71E-02	1.92E-03	2.77E-04	4.73E-10	7.25E-11
2.02E+00	2.82E-01	2.64E+00	5.80E-01	7.79E-01	1.60E-01	9.63E-01	2.07E-01	1.70E-01	3.61E-02	1.24E+00	1.91E-01	7.63E-01	9.18E-02	2.12E-03	3.85E-04	5.48E-10	1.01E-10
2.03E+00	3.19E-01	3.09E+00	5.81E-01	1.01E+00	1.80E-01	1.14E+00	2.14E-01	2.21E-01	4.01E-02	1.22E+00	2.13E-01	7.38E-01	1.05E-01	2.27E-03	4.22E-04	5.97E-10	1.11E-10
2.10E+00	3.37E-01	3.19E+00	6.10E-01	8.33E-01	1.60E-01	1.17E+00	2.17E-01	1.94E-01	3.61E-02	1.36E+00	2.26E-01	7.76E-01	9.67E-02	2.14E-03	3.85E-04	5.60E-10	1.01E-10
2.25E+00	3.15E-01	3.41E+00	4.04E-01	9.65E-01	1.09E-01	1.32E+00	1.54E-01	2.29E-01	2.35E-02	1.40E+00	2.11E-01	8.47E-01	1.01E-01	2.64E-03	2.85E-04	6.87E-10	7.46E-11
1.95E+00	3.02E-01	4.02E+00	4.64E-01	1.13E+00	1.34E-01	1.58E+00	1.70E-01	2.75E-01	3.09E-02	1.31E+00	2.01E-01	6.40E-01	1.05E-01	3.20E-03	3.36E-04	8.30E-10	8.81E-11
2.19E+00	2.70E-01	4.02E+00	4.26E-01	1.10E+00	1.12E-01	1.59E+00	1.24E-01	2.74E-01	2.05E-02	1.49E+00	1.89E-01	6.54E-01	8.42E-02	3.23E-03	2.24E-04	8.40E-10	5.87E-11
2.08E+00	2.88E-01	3.68E+00	3.82E-01	1.25E+00	1.10E-01	1.39E+00	1.31E-01	2.36E-01	2.44E-02	1.49E+00	1.99E-01	6.50E-01	9.40E-02	2.81E-03	2.64E-04	7.31E-10	6.93E-11

Scenario 1 Results

2.50E+00	2.50E-01	4.36E+00	5.91E-01	1.15E+00	1.73E-01	1.58E+00	2.35E-01	2.62E-01	4.19E-02	1.72E+00	1.75E-01	8.45E-01	8.78E-02	2.81E-03	4.73E-04	7.36E-10	1.24E-10
2.17E+00	2.98E-01	3.18E+00	6.14E-01	1.13E+00	2.01E-01	1.12E+00	2.33E-01	2.30E-01	4.41E-02	1.44E+00	2.09E-01	7.11E-01	9.29E-02	2.26E-03	4.58E-04	5.93E-10	1.20E-10
2.04E+00	3.41E-01	2.51E+00	4.20E-01	8.36E-01	1.31E-01	8.65E-01	1.56E-01	1.71E-01	2.65E-02	1.40E+00	2.35E-01	6.73E-01	1.13E-01	1.65E-03	3.04E-04	4.32E-10	7.96E-11
1.60E+00	2.78E-01	2.30E+00	3.29E-01	7.04E-01	9.39E-02	7.11E-01	1.28E-01	1.48E-01	2.08E-02	1.05E+00	1.86E-01	5.45E-01	9.38E-02	1.53E-03	2.44E-04	4.02E-10	6.39E-11
1.83E+00	2.53E-01	2.21E+00	3.29E-01	7.53E-01	8.96E-02	7.88E-01	1.25E-01	1.45E-01	2.17E-02	1.19E+00	1.69E-01	6.35E-01	8.88E-02	1.49E-03	2.47E-04	3.91E-10	6.45E-11
1.51E+00	2.07E-01	1.98E+00	3.19E-01	5.72E-01	8.64E-02	6.58E-01	1.23E-01	1.29E-01	2.10E-02	9.57E-01	1.39E-01	5.03E-01	6.55E-02	1.36E-03	2.39E-04	3.57E-10	6.26E-11
1.16E+00	1.53E-01	1.31E+00	2.77E-01	4.22E-01	7.38E-02	5.04E-01	1.07E-01	9.10E-02	1.80E-02	7.00E-01	1.00E-01	3.85E-01	4.82E-02	1.10E-03	2.05E-04	2.82E-10	5.37E-11
1.10E+00	1.52E-01	1.32E+00	2.42E-01	3.76E-01	6.35E-02	5.04E-01	9.30E-02	8.75E-02	1.55E-02	6.56E-01	9.81E-02	3.72E-01	4.78E-02	1.17E-03	1.77E-04	2.97E-10	4.63E-11
1.07E+00	1.35E-01	1.30E+00	1.95E-01	3.74E-01	5.07E-02	5.02E-01	7.48E-02	8.81E-02	1.23E-02	6.21E-01	8.80E-02	3.43E-01	4.27E-02	1.18E-03	1.41E-04	3.01E-10	3.68E-11
1.04E+00	1.24E-01	1.19E+00	1.82E-01	3.55E-01	4.57E-02	4.74E-01	6.90E-02	8.23E-02	1.22E-02	6.02E-01	8.23E-02	3.39E-01	3.96E-02	1.08E-03	1.53E-04	2.74E-10	4.02E-11
1.16E+00	1.41E-01	1.55E+00	2.41E-01	5.46E-01	6.70E-02	5.25E-01	1.00E-01	1.12E-01	1.80E-02	7.30E-01	9.81E-02	3.95E-01	4.47E-02	1.10E-03	2.20E-04	2.88E-10	5.76E-11
1.78E+00	2.54E-01	2.77E+00	4.03E-01	9.81E-01	1.40E-01	1.36E+00	1.76E-01	2.32E-01	3.18E-02	1.21E+00	1.80E-01	6.44E-01	8.51E-02	3.33E-03	4.14E-04	8.65E-10	1.07E-10
1.72E+00	2.52E-01	2.58E+00	4.13E-01	8.79E-01	1.26E-01	1.16E+00	1.98E-01	2.15E-01	3.31E-02	1.12E+00	1.78E-01	6.46E-01	8.90E-02	2.73E-03	4.58E-04	7.09E-10	1.19E-10
1.98E+00	3.12E-01	2.74E+00	4.81E-01	9.69E-01	1.50E-01	1.15E+00	2.16E-01	2.29E-01	3.89E-02	1.31E+00	2.14E-01	7.34E-01	1.07E-01	2.58E-03	4.89E-04	6.65E-10	1.27E-10
2.14E+00	3.88E-01	2.73E+00	5.62E-01	9.79E-01	1.82E-01	1.22E+00	2.18E-01	2.28E-01	4.14E-02	1.35E+00	2.60E-01	7.84E-01	1.31E-01	2.87E-03	4.66E-04	7.35E-10	1.21E-10
2.33E+00	4.06E-01	3.34E+00	6.51E-01	1.19E+00	1.95E-01	1.41E+00	2.47E-01	2.72E-01	4.44E-02	1.51E+00	2.69E-01	8.07E-01	1.34E-01	3.13E-03	5.30E-04	8.13E-10	1.37E-10
2.07E+00	4.65E-01	4.50E+00	9.10E-01	1.49E+00	2.73E-01	1.94E+00	3.73E-01	3.73E-01	6.80E-02	1.40E+00	3.11E-01	7.25E-01	1.45E-01	4.58E-03	7.93E-04	1.18E-09	2.06E-10
2.48E+00	4.79E-01	5.27E+00	9.21E-01	1.78E+00	2.80E-01	2.92E+00	3.75E-01	4.38E-01	6.83E-02	1.58E+00	3.23E-01	8.96E-01	1.59E-01	7.15E-03	7.82E-04	1.85E-09	2.03E-10
2.58E+00	6.01E-01	4.76E+00	5.67E-01	1.61E+00	1.82E-01	2.23E+00	2.19E-01	3.96E-01	3.99E-02	1.69E+00	3.96E-01	8.94E-01	2.10E-01	5.44E-03	4.39E-04	1.41E-09	1.15E-10
3.18E+00	5.32E-01	5.40E+00	8.92E-01	1.84E+00	3.10E-01	2.29E+00	3.71E-01	4.49E-01	7.36E-02	2.21E+00	3.54E-01	1.00E+00	1.84E-01	5.11E-03	8.15E-04	1.33E-09	2.13E-10
2.79E+00	4.14E-01	3.36E+00	6.45E-01	1.17E+00	2.21E-01	1.51E+00	2.28E-01	2.74E-01	4.69E-02	1.79E+00	2.73E-01	1.07E+00	1.45E-01	3.67E-03	5.26E-04	9.57E-10	1.37E-10
2.75E+00	5.31E-01	3.11E+00	9.22E-01	1.33E+00	2.50E-01	1.72E+00	3.20E-01	2.42E-01	5.39E-02	1.77E+00	3.55E-01	9.88E-01	1.51E-01	4.17E-03	6.52E-04	1.09E-09	1.71E-10
2.01E+00	5.44E-01	2.70E+00	5.61E-01	7.86E-01	1.48E-01	1.06E+00	1.98E-01	1.71E-01	3.46E-02	1.27E+00	3.54E-01	6.92E-01	1.81E-01	2.46E-03	4.27E-04	6.44E-10	1.11E-10
2.22E+00	4.97E-01	2.14E+00	5.88E-01	1.03E+00	2.07E-01	8.70E-01	2.32E-01	1.80E-01	4.64E-02	1.54E+00	3.37E-01	7.78E-01	1.86E-01	1.91E-03	4.91E-04	4.99E-10	1.28E-10
2.64E+00	3.80E-01	2.24E+00	6.84E-01	1.13E+00	2.18E-01	7.64E-01	2.62E-01	1.44E-01	4.90E-02	1.78E+00	2.65E-01	9.94E-01	1.51E-01	1.70E-03	5.21E-04	4.41E-10	1.36E-10
1.79E+00	3.82E-01	1.93E+00	7.85E-01	5.24E-01	2.08E-01	9.00E-01	2.96E-01	1.20E-01	4.97E-02	1.17E+00	2.57E-01	6.78E-01	1.06E-01	2.15E-03	5.59E-04	5.62E-10	1.46E-10
2.37E+00	6.22E-01	2.93E+00	8.50E-01	8.12E-01	1.56E-01	9.88E-01	3.07E-01	1.90E-01	4.10E-02	1.49E+00	4.07E-01	8.55E-01	1.98E-01	2.07E-03	4.93E-04	5.42E-10	1.29E-10
2.83E+00	5.21E-01	3.24E+00	7.39E-01	9.13E-01	2.53E-01	1.70E+00	2.68E-01	1.86E-01	5.34E-02	1.70E+00	3.46E-01	9.96E-01	1.95E-01	3.46E-03	5.29E-04	9.07E-10	1.38E-10
2.61E+00	4.04E-01	2.06E+00	6.52E-01	7.11E-01	1.30E-01	7.42E-01	2.33E-01	1.38E-01	3.34E-02	1.56E+00	2.71E-01	9.29E-01	1.25E-01	1.60E-03	3.97E-04	4.20E-10	1.04E-10
3.00E+00	6.30E-01	2.72E+00	5.51E-01	1.17E+00	1.56E-01	1.06E+00	2.00E-01	2.31E-01	3.41E-02	1.84E+00	3.99E-01	1.02E+00	2.16E-01	2.27E-03	3.52E-04	5.96E-10	9.24E-11
2.14E+00	3.87E-01	2.95E+00	5.81E-01	1.25E+00	1.42E-01	1.19E+00	2.11E-01	1.95E-01	3.31E-02	1.32E+00	2.64E-01	7.97E-01	1.34E-01	2.48E-03	3.65E-04	6.51E-10	9.57E-11
1.60E+00	2.68E-01	2.47E+00	5.21E-01	7.05E-01	1.41E-01	1.04E+00	1.93E-01	1.84E-01	3.27E-02	1.05E+00	1.83E-01	6.10E-01	8.19E-02	2.26E-03	3.55E-04	5.81E-10	9.31E-11
1.99E+00	2.79E-01	1.99E+00	5.34E-01	7.33E-01	1.23E-01	7.60E-01	2.03E-01	1.27E-01	3.17E-02	1.30E+00	1.91E-01	7.03E-01	8.40E-02	1.64E-03	3.77E-04	4.19E-10	9.86E-11
2.20E+00	2.91E-01	2.24E+00	4.84E-01	9.43E-01	1.19E-01	8.49E-01	1.82E-01	1.35E-01	2.95E-02	1.45E+00	1.97E-01	8.53E-01	9.81E-02	1.59E-03	3.42E-04	4.18E-10	8.95E-11
2.31E+00	2.48E-01	2.66E+00	4.92E-01	9.74E-01	1.51E-01	1.10E+00	1.76E-01	1.89E-01	3.20E-02	1.37E+00	1.70E-01	7.38E-01	8.20E-02	2.43E-03	3.21E-04	6.00E-10	8.40E-11
2.06E+00	3.57E-01	3.11E+00	6.56E-01	9.76E-01	1.59E-01	1.22E+00	2.43E-01	2.25E-01	3.86E-02	1.32E+00	2.44E-01	7.87E-01	1.07E-01	2.64E-03	4.42E-04	6.57E-10	1.15E-10
2.29E+00	3.24E-01	2.24E+00	6.23E-01	8.03E-01	1.62E-01	8.08E-01	2.32E-01	1.55E-01	3.83E-02	1.53E+00	2.24E-01	8.92E-01	1.11E-01	1.52E-03	4.27E-04	3.95E-10	1.12E-10
2.33E+00	3.71E-01	2.58E+00	7.76E-01	7.15E-01	1.92E-01	1.16E+00	2.96E-01	1.94E-01	4.84E-02	1.39E+00	2.54E-01	7.51E-01	1.12E-01	2.58E-03	5.66E-04	6.59E-10	1.48E-10
1.63E+00	3.24E-01	2.77E+00	6.50E-01	8.29E-01	1.68E-01	1.14E+00	2.44E-01	2.02E-01	4.09E-02	1.02E+00	2.14E-01	5.54E-01	1.06E-01	2.36E-03	4.66E-04	6.05E-10	1.22E-10
1.12E+00	2.54E-01	2.27E+00	5.24E-01	8.52E-01	1.20E-01	9.00E-01	2.05E-01	1.49E-01	3.22E-02	7.45E-01	1.73E-01	3.73E-01	8.11E-02	1.72E-03	3.96E-04	4.50E-10	1.03E-10
1.32E+00	2.41E-01	2.05E+00	3.77E-01	7.17E-01	1.16E-01	7.83E-01	1.43E-01	1.45E-01	2.50E-02	1.06E+00	1.59E-01	4.98E-01	8.34E-02	1.71E-03	2.82E-04	4.39E-10	7.36E-11
3.50E+00	2.91E-01	2.05E+00	4.69E-01	6.49E-01	1.18E-01	8.81E-01	1.74E-01	1.44E-01	2.90E-02	2.12E+00	1.95E-01	1.29E+00	1.01E-01	1.82E-03	3.33E-04	4.46E-10	8.71E-11
1.41E+00	2.65E-01	2.40E+00	4.06E-01	6.92E-01	9.73E-02	9.33E-01	1.48E-01	1.63E-01	2.28E-02	9.25E-01	1.81E-01	5.66E-01	8.66E-02	2.21E-03	2.52E-04	5.35E-10	6.60E-11
2.21E+00	2.49E-01	2.11E+00	4.16E-01	6.04E-01	1.02E-01	7.83E-01	1.47E-01	1.37E-01	2.32E-02	1.25E+00	1.71E-01	7.79E-01	7.63E-02	1.89E-03	2.52E-04	4.52E-10	6.59E-11
2.21E+00	2.73E-01	3.02E+00	5.01E-01	9.32E-01	1.55E-01	1.08E+00	1.85E-01	2.00E-01	3.50E-02	1.38E+00	1.82E-01	8.33E-01	8.83E-02	2.02E-03	3.73E-04	5.31E-10	9.78E-11
1.85E+00	3.08E-01	3.07E+00	5.43E-01	8.01E-01	1.36E-01	1.10E+00	1.97E-01	1.92E-01	3.16E-02	1.17E+00	2.07E-01	6.36E-01	9.05E-02	2.54E-03	3.47E-04	6.44E-10	9.10E-11
1.95E+00	2.75E-01	3.45E+00	6.55E-01	1.04E+00	1.91E-01	1.30E+00	2.45E-01	2.40E-01	4.41E-02	1.20E+00	1.85E-01	7.18E-01	8.86E-02	2.60E-03	4.81E-04	6.82E-10	1.26E-10
2.14E+00	3.15E-01	2.82E+00	5.66E-01	8.33E-01	1.45E-01	1.05E+00	2.05E-01	1.94E-01	3.35E-02	1.40E+00	2.11E-01	7.95E-01	9.16E-02	2.12E-03	3.64E-04	5.56E-10	9.54E-11
2.13E+00	3.25E-01	3.50E+00	4.04E-01	9.96E-01	1.20E-01	1.33E+00	1.45E-01	2.29E-01	2.67E-02	1.36E+00	2.18E-01	8.16E-01	1.05E-01	2.59E-03	2.93E-04	6.79E-10	7.69E-11
1.96E+00	2.95E-01	3.58E+00	4.72E-01	1.24E+00	1.33E-01	1.41E+00	1.74E-01	2.48E-01	3.10E-02	1.36E+00	1.96E-01	6.35E-01	1.02E-01	2.88E-03	3.39E-04	7.47E-10	8.89E-11
2.28E+00	2.66E-01	3.81E+00	4.55E-01	1.25E+00	1.26E-01	1.51E+00	1.38E-01	2.62E-01	2.35E-02	1.55E+00	1.87E-01	6.42E-01	8.05E-02	3.08E-03	2.63E-04	8.00E-10	6.89E-11
2.29E+00	2.86E-01	4.50E+00	4.25E-01	1.57E+00	1.18E-01	1.38E+00	1.36E-01	2.88E-01	2.54E-02	1.63E+00	1.96E-01	6.65E-01	8.92E-02	2.80E-03	2.78E-04	7.19E-10	7.30E-11
2.63E+00	2.47E-01	4.58E+00	5.16E-01	1.43E+00	1.47E-01	1.58E+00	2.04E-01	2.92E-01	3.58E-02	1.82E+00	1.70E-01	8.61E-01	8.29E-02	2.80E-03	4.09E-04	7.33E-10	1.07E-10
2.26E+00	2.33E-01	3.62E+00	5.96E-01	1.12E+00	1.83E-01	1.33E+00	2.34E-01	2.21E-01	4.28E-02	1.51E+00	1.60E-01	6.93E-01	7.01E-02	2.28E-03	4.70E-04	5.98E-10	1.23E-10
2.38E+00	4.08E-01	3.30E+00	5.67E-01	1.15E+00	1.98E-01	1.13E+00	2.07E-01	2.18E-01	4.09E-02	1.65E+00	2.82E-01	7.62E-01	1.30E-01	2.27E-03	3.99E-04	5.95E-10	1.04E-10
2.16E+00	3.73E-01	3.20E+00	4.60E-01	1.05E+00	1.46E-01	1.10E+00	1.62E-01	2.12E-01	2.84E-02	1.46E+00	2.51E-01	7.24E-01	1.23E-01	2.02E-03	2.60E-04	5.29E-10	6.75E-11
1.98E+00	2.81E-01	2.68E+00	3.63E-01	9.35E-01	1.12E-01	1.01E+00	1.21E-01	2.10E-01	2.23E-02	1.27E+00	1.89E-01	6.38E-01	9.34E-02	2.21E-03	2.23E-04	5.80E-10	5.84E-11
1.09E+00	1.44E-01	1.29E+00	2.72E-01	4.00E-01	7.43E-02	4.96E-01	1.05E-01	9.04E-02	1.80E-02	7.14E-01	9.69E-02	3.84E-01	5.18E-02	1.09E-03	2.05E-04	2.80E-10	5.36E-11
8.76E-01	1.27E-01	1.16E+00	2.62E-01	3.69E-01	7.03E-02	4.88E-01	1.01E-01	8.87E-02	1.71E-02	5.68E-01	8.67E-02	3.17E-01	3.99E-02	1.15E-03	1.96E-04	2.94E-10	5.11E-11
1.12E+00	1.42E-01	1.34E+00	2.41E-01	4.25E-01	6.41E-02	4.80E-01	9.32E-02	8.73E-02	1.57E-02	6.91E-01	9.43E-02	3.73E-01	4.48E-02	1.15E-03	1.79E-04	2.92E-10	4.68E-11
1.24E+00	1.51E-01	1.32E+00	2.09E-01	3.68E-01	5.50E-02	4.79E-01	8.07E-02	8.36E-02	1.35E-02	7.45E-01	9.89E-02	4.14E-01	4.79E-02	1.05E-03	1.54E-04	2.68E-10	4.02E-11
1.38E+00	1.80E-01	1.41E+00	2.28E-01	4.48E-01	6.57E-02	4.99E-01	8.02E-02	9.95E-02	1.46E-02	8.44E-01	1.17E-01	4.74E-01	5.75E-02	1.12E-03	1.53E-04	2.92E-10	4.01E-11
1.66E+00	2.95E-01	3.24E+00	5.55E-01	1.10E+00	1.49E-01	1.38E+00	2.58E-01	2.70E-01	4.48E-02	1.11E+00	2.05E-01	6.34E-01	1.02E-01	3.11E-03	5.91E-04	8.06E-10	1.53E-10
1.90E+00	3.20E-01	2.37E+00	4.87E-01	8.46E-01	1.56E-01	9.92E-01	1.98E-01	1.99E-01	3.71E-02	1.21E+00	2.17E-01	6.99E-01	1.10E-01	2.29E-03	4.43E-04	5.95E-10	1.15E-10
1.84E+00	3.26E-01	2.24E+00	4.88E-01	8.47E-01	1.55E-01	1.05E+00	1.80E-01	1.85E-01	3.42E-02	1.19E+00	2.17E-01	6.35E-01	1.10E-01	2.55E-03	3.61E-04	6.51E-10	9.36E-11
2.00E+00	3.68E-01	2.71E+00	5.55E-01	9.34E-01	1.61E-01	1.20E+00	2.25E-01	2.18E-01	4.04E-02	1.22E+00	2.45E-01	7.02E-01	1.14E-01	2.82E-03	4.75E-04	7.21E-10	1.23E-10
2.09E+00	4.31E-01	4.34E+00	8.34E-01	1.49E+00	2.55E-01	1.84E+00	3.38E-01	3.62E-01	6.20E-02	1.35E+00	2.90E-01	7.21E-01	1.40E-01	4.42E-03	7.11E-04	1.13E-09	1.84E-10
2.34E+00	4.58E-01	4.65E+00	7.26E-01	1.53E+00	2.25E-01	2.83E+00	2.91E-01	3.78E-01	5.31E-02	1.57E+00	3.12E-01	8.44E-01	1.64E-01	6.96E-03	5.98E-04	1.80E-09	1.55E-10
2.64E+00	5.50E-01	5.04E+00	5.59E-01	1.70E+00	1.74E-01	2.15E+00	2.43E-01	4.19E-01	4.53E-02	1.83E+00	3.60E-01	8.68E-01	1.91E-01	4.81E-03	5.40E-04	1.25E-09	1.41E-10
2.55E+00	4.35E-01	3.62E+00	6.84E-01	1.24E+00	2.48E-01	1.50E+00	2.78E-01	2.95E-01	5.67E-02	1.79E+00	2.92E-01	8.37E-01	1.52E-01	3.29E-03	6.07E-04	8.57E-10	1.59E-10
2.67E+00	3.92E-01	3.56E+00	7.14E-01	1.25E+00	2.19E-01	1.64E+00	2.68E-01	2.97E-01	4.61E-02	1.68E+00	2.58E-01	1.01E+00	1.38E-01	4.00E-03	6.31E-04	1.04E-09	1.65E-10
2.45E+00	5.21E-01	2.80E+00	8.87E-01	1.16E+00	2.39E-01	1.69E+00	3.08E-01	2.28E-01	5.14E-02	1.58E+00	3.48E-01	8.89E-01	1.50E-01	4.11E-03	6.11E-04	1.07E-09	1.60E-10
2.37E+00	6.36E-01	3.57E+00	6.84E-01	1.02E+00	1.89E-01	1.58E+00	2.56E-01	2.49E-01	4.43E-02	1.50E+00	4.15E-01	8.10E-01	2.09E-01	3.69E-03	5.65E-04	9.64E-10	1.47E-10
2.45E+00	6.10E-01	3.43E+00	8.16E-01	1.51E+00	2.84E-01	1.44E+00	3.31E-01	2.87E-01	6.57E-02	1.70E+00	4.12E-01	8.51E-01	2.26E-01	3.19E-03	7.12E-04	8.36E-10	1.86E-10
2.76E+00	4.28E-01	2.55E+00	6.83E-01	1.42E+00	2.20E-01	9.62E-01	2.66E-01	1.79E-01	5.01E-02	1.86E+00	2.97E-01	1.02E+00	1.68E-01	2.12E-03	5.39E-04	5.55E-10	1.41E-10
2.22E+00	3.52E-01	2.65E+00	8.08E-01	6.92E-01	2.27E-01	1.24E+00	3.10E-01	1.61E-01	5.40E-02	1.52E+00	2.39E-01	8.29E-01	1.04E-01	2.97E-03	6.06E-04	7.77E-10	1.58E-10
1.90E+00	4.88E-01	2.33E+00	7.49E-01	7.71E-01	1.50E-01	8.80E-01	2.74E-01	1.59E-01	3.85E-02	1.17E+00	3.21E-01	7.07E-01	1.51E-01	1.98E-03	4.61E-04	5.19E-10	1.20E-10
2.10E+00	4.52E-01	2.42E+00	5.64E-01	5.60E-01	1.73E-01	1.15E+00	2.10E-01	1.37E-01	3.95E-02	1.28E+00	2.93E-01	7.31E-01	1.61E-01	2.31E-03	4.25E-04	6.05E-10	1.11E-10
2.73E+00	4.17E-01	2.15E+00	7.14E-01	7.38E-01	1.63E-01	8.38E-01	2.60E-01	1.36E-01	3.98E-02	1.68E+00	2.83E-01	9.32E-01	1.27E-01	1.82E-03	4.56E-04	4.78E-10	1.19E-10
1.85E+00	3.05E-01	2.01E+00	4.31E-01	6.60E-01	1.01E-01	7.24E-01	1.48E-01	1.23E-01	2.35E-02	1.14E+00	2.01E-01	6.36E-01	9.60E-02	1.35E-03	2.61E-04	3.55E-10	6.84E-11
2.20E+00	4.25E-01	2.17E+00	5.34E-01	9.39E-01	1.44E-01	9.29E-01	1.95E-01	1.80E-01	3.26E-02	1.34E+00	2.65E-01	7.61E-01	1.50E-01	2.06E-03	3.47E-04	5.41E-10	9.09E-11
2.32E+00	3.56E-01	2.50E+00	4.85E-01	9.61E-01	1.35E-01	1.01E+00	1.77E-01	1.84E-01	3.05E-02	1.47E+00	2.46E-01	8.56E-01	1.25E-01	2.20E-03	3.26E-04	5.65E-10	8.52E-11
2.35E+00	2.98E-01	2.13E+00	5.66E-01	8.27E-01	1.46E-01	9.01E-01	2.11E-01	1.57E-01	3.47E-02	1.54E+00	2.03E-01	8.73E-01	8.73E-02	2.02E-03	3.87E-04	5.30E-10	1.01E-10
2.83E+00	3.21E-01	2.87E+00	5.10E-01	1.11E+00	1.14E-01	9.89E-01	1.97E-01	1.83E-01	3.03E-02	1.86E+00	2.17E-01	1.05E+00	1.14E-01	2.22E-03	3.69E-04	5.83E-10	9.66E-11
2.24E+00	2.77E-01	2.58E+00	4.67E-01	1.03E+00	1.11E-01	8.62E-01	1.79E-01	1.65E-01	2.87E-02	1.50E+00	1.88E-01	7.86E-01	9.54E-02	1.59E-03	3.41E-04	4.18E-10	8.92E-11
3.09E+00	3.38E-01	2.53E+00	5.76E-01	1.20E+00	1.71E-01	1.05E+00	2.09E-01	1.82E-01	3.74E-02	1.79E+00	2.27E-01	9.70E-01	1.16E-01	2.36E-03	3.89E-04	5.81E-10	1.02E-10
2.35E+00	3.58E-01	2.82E+00	6.54E-01	9.13E-01	1.56E-01	1.10E+00	2.44E-01	2.06E-01	3.84E-02	1.42E+00	2.44E-01	8.49E-01	1.24E-01	2.40E-03	4.43E-04	5.94E-10	1.16E-10
2.74E+00	3.57E-01	2.22E+00	6.20E-01	7.92E-01	1.69E-01	8.17E-01	2.29E-01	1.42E-01	3.89E-02	1.83E+00	2.40E-01	1.06E+00	1.32E-01	1.58E-03	4.23E-04	4.02E-10	1.11E-10
2.74E+00	4.35E-01	2.90E+00	7.63E-01	1.06E+00	1.94E-01	1.29E+00	2.94E-01	2.15E-01	4.86E-02	1.70E+00	2.67E-01	9.09E-01	1.46E-01	2.87E-03	5.66E-04	7.31E-10	1.48E-10
2.01E+00	4.17E-01	3.07E+00	7.19E-01	9.20E-01	1.95E-01	1.24E+00	2.73E-01	2.22E-01	4.71E-02	1.22E+00	2.65E-01	6.61E-01	1.40E-01	2.60E-03	5.32E-04	6.63E-10	1.39E-10
1.41E+00	2.78E-01	2.78E+00	5.50E-01	1.33E+00	1.32E-01	9.79E-01	2.15E-01	2.26E-01	3.46E-02	8.79E-01	1.89E-01	4.74E-01	8.58E-02	1.90E-03	4.17E-04	4.98E-10	1.09E-10
1.37E+00	2.97E-01	2.12E+00	3.49E-01	8.01E-01	9.66E-02	7.24E-01	1.27E-01	1.57E-01	2.26E-02	8.84E-01	1.93E-01	4.93E-01	9.61E-02	1.62E-03	2.53E-04	4.13E-10	6.60E-11
3.26E+00	2.42E-01	1.89E+00	4.38E-01	5.43E-01	1.19E-01	8.51E-01	1.64E-01	1.18E-01	2.79E-02	2.06E+00	1.63E-01	1.19E+00	8.34E-02	1.49E-03	3.21E-04	3.73E-10	8.37E-11
2.01E+00	2.62E-01	2.16E+00	4.19E-01	6.40E-01	9.57E-02	7.99E-01	1.53E-01	1.42E-01	2.29E-02	1.37E+00	1.76E-01	8.27E-01	9.25E-02	1.98E-03	2.65E-04	4.69E-10	6.92E-11
1.66E+00	2.33E-01	2.00E+00	3.72E-01	6.74E-01	9.74E-02	7.10E-01	1.31E-01	1.43E-01	2.18E-02	9.76E-01	1.55E-01	5.98E-01	7.66E-02	1.81E-03	2.43E-04	4.19E-10	6.32E-11

Scenario 1 Results

2.00E+00	2.56E-01	2.25E+00	4.36E-01	7.47E-01	1.17E-01	8.79E-01	1.58E-01	1.69E-01	2.70E-02	1.16E+00	1.76E-01	7.21E-01	7.88E-02	1.83E-03	2.93E-04	4.80E-10	7.68E-11
2.04E+00	2.85E-01	3.06E+00	5.49E-01	8.52E-01	1.58E-01	1.02E+00	2.02E-01	1.82E-01	3.63E-02	1.28E+00	1.84E-01	7.81E-01	9.06E-02	2.49E-03	3.95E-04	6.10E-10	1.04E-10
1.66E+00	2.90E-01	3.51E+00	4.57E-01	9.38E-01	1.40E-01	1.10E+00	1.75E-01	1.88E-01	3.28E-02	1.07E+00	1.94E-01	5.84E-01	8.94E-02	2.87E-03	3.61E-04	6.80E-10	9.47E-11
1.90E+00	2.86E-01	3.45E+00	6.55E-01	9.86E-01	1.83E-01	1.32E+00	2.47E-01	2.34E-01	4.34E-02	1.18E+00	1.92E-01	7.08E-01	7.73E-02	2.61E-03	4.82E-04	6.84E-10	1.26E-10
2.09E+00	2.87E-01	2.93E+00	5.26E-01	8.73E-01	1.34E-01	1.15E+00	1.93E-01	2.11E-01	3.14E-02	1.38E+00	1.94E-01	7.80E-01	8.61E-02	2.38E-03	3.46E-04	6.24E-10	9.08E-11
1.94E+00	3.20E-01	3.31E+00	4.17E-01	1.09E+00	1.26E-01	1.27E+00	1.64E-01	2.13E-01	3.01E-02	1.26E+00	2.15E-01	7.48E-01	1.04E-01	2.47E-03	3.35E-04	6.47E-10	8.80E-11
2.04E+00	2.81E-01	3.12E+00	4.68E-01	1.32E+00	1.43E-01	1.23E+00	1.76E-01	2.19E-01	3.24E-02	1.41E+00	1.86E-01	5.84E-01	9.69E-02	2.53E-03	3.45E-04	6.57E-10	9.04E-11
2.11E+00	2.36E-01	3.43E+00	4.18E-01	1.22E+00	1.22E-01	1.32E+00	1.28E-01	2.30E-01	2.27E-02	1.44E+00	1.65E-01	5.88E-01	7.29E-02	2.70E-03	2.42E-04	7.01E-10	6.35E-11
2.06E+00	2.63E-01	4.27E+00	4.22E-01	1.53E+00	1.14E-01	1.34E+00	1.32E-01	2.83E-01	2.38E-02	1.45E+00	1.80E-01	6.17E-01	7.95E-02	2.68E-03	2.61E-04	6.79E-10	6.84E-11
3.37E+00	2.70E-01	5.58E+00	5.27E-01	1.89E+00	1.47E-01	1.85E+00	2.07E-01	3.64E-01	3.60E-02	2.34E+00	1.84E-01	1.07E+00	8.61E-02	3.26E-03	4.12E-04	8.54E-10	1.08E-10
3.23E+00	2.81E-01	6.05E+00	7.82E-01	1.62E+00	2.20E-01	2.23E+00	3.21E-01	3.73E-01	5.61E-02	2.17E+00	1.88E-01	9.72E-01	7.97E-02	4.04E-03	6.62E-04	1.06E-09	1.73E-10
2.36E+00	3.72E-01	3.51E+00	6.48E-01	1.21E+00	2.11E-01	1.30E+00	2.50E-01	2.59E-01	4.73E-02	1.57E+00	2.57E-01	7.39E-01	1.17E-01	2.59E-03	5.00E-04	6.79E-10	1.31E-10
2.43E+00	4.11E-01	3.47E+00	5.54E-01	1.17E+00	1.97E-01	1.28E+00	1.94E-01	2.44E-01	3.92E-02	1.64E+00	2.79E-01	7.82E-01	1.33E-01	2.50E-03	3.65E-04	6.56E-10	9.52E-11
1.35E+00	1.89E-01	1.83E+00	2.61E-01	5.95E-01	9.19E-02	5.80E-01	9.76E-02	1.11E-01	1.77E-02	8.63E-01	1.26E-01	4.48E-01	6.35E-02	1.16E-03	1.86E-04	3.03E-10	4.86E-11
8.96E-01	1.28E-01	1.13E+00	2.34E-01	3.44E-01	6.46E-02	4.90E-01	9.03E-02	8.09E-02	1.57E-02	5.94E-01	8.63E-02	3.03E-01	4.44E-02	1.18E-03	1.78E-04	3.01E-10	4.66E-11
9.88E-01	1.20E-01	1.21E+00	2.44E-01	3.65E-01	6.62E-02	4.83E-01	9.44E-02	8.38E-02	1.62E-02	6.48E-01	8.15E-02	3.48E-01	4.42E-02	1.16E-03	1.84E-04	2.96E-10	4.82E-11
9.38E-01	1.21E-01	1.29E+00	2.35E-01	4.30E-01	6.30E-02	4.81E-01	9.10E-02	9.50E-02	1.54E-02	6.11E-01	8.41E-02	3.39E-01	3.81E-02	1.07E-03	1.76E-04	2.72E-10	4.61E-11
1.29E+00	1.60E-01	1.93E+00	2.22E-01	6.00E-01	5.85E-02	6.67E-01	8.55E-02	1.26E-01	1.44E-02	8.28E-01	1.09E-01	4.38E-01	5.09E-02	1.25E-03	1.65E-04	3.29E-10	4.30E-11
1.68E+00	3.10E-01	2.35E+00	4.69E-01	8.55E-01	1.53E-01	9.58E-01	1.81E-01	1.96E-01	3.45E-02	1.08E+00	2.08E-01	6.01E-01	1.06E-01	2.13E-03	3.87E-04	5.51E-10	1.00E-10
1.66E+00	2.91E-01	2.14E+00	4.69E-01	7.68E-01	1.32E-01	8.87E-01	1.68E-01	1.74E-01	2.94E-02	1.08E+00	1.96E-01	5.84E-01	9.26E-02	1.97E-03	3.51E-04	5.09E-10	9.04E-11
1.75E+00	3.58E-01	2.61E+00	5.59E-01	8.81E-01	1.65E-01	1.19E+00	2.24E-01	2.17E-01	4.06E-02	1.05E+00	2.39E-01	6.12E-01	1.15E-01	2.88E-03	4.71E-04	7.34E-10	1.22E-10
1.94E+00	3.77E-01	3.26E+00	6.21E-01	1.16E+00	1.92E-01	1.39E+00	2.45E-01	2.73E-01	4.50E-02	1.27E+00	2.54E-01	6.95E-01	1.28E-01	3.34E-03	5.02E-04	8.54E-10	1.30E-10
2.04E+00	4.55E-01	3.20E+00	4.94E-01	1.11E+00	1.54E-01	1.93E+00	1.89E-01	2.62E-01	3.48E-02	1.32E+00	3.06E-01	7.82E-01	1.62E-01	4.76E-03	3.79E-04	1.22E-09	9.74E-11
2.59E+00	4.90E-01	4.94E+00	6.33E-01	1.67E+00	2.01E-01	2.11E+00	2.74E-01	4.11E-01	5.16E-02	1.81E+00	3.19E-01	8.27E-01	1.69E-01	4.73E-03	6.12E-04	1.23E-09	1.59E-10
2.18E+00	3.56E-01	3.90E+00	7.76E-01	1.27E+00	2.83E-01	1.62E+00	3.15E-01	2.85E-01	6.43E-02	1.53E+00	2.43E-01	7.68E-01	1.25E-01	3.33E-03	6.90E-04	8.67E-10	1.80E-10
2.42E+00	3.65E-01	4.17E+00	8.54E-01	1.43E+00	2.38E-01	1.97E+00	3.42E-01	3.47E-01	5.57E-02	1.55E+00	2.44E-01	9.02E-01	1.29E-01	4.80E-03	8.08E-04	1.25E-09	2.11E-10
2.24E+00	5.06E-01	2.73E+00	8.44E-01	1.02E+00	2.26E-01	1.66E+00	2.92E-01	2.25E-01	4.84E-02	1.50E+00	3.38E-01	8.00E-01	1.46E-01	4.03E-03	5.63E-04	1.05E-09	1.47E-10
2.04E+00	5.60E-01	3.01E+00	5.84E-01	8.59E-01	1.62E-01	1.35E+00	2.26E-01	2.12E-01	3.91E-02	1.29E+00	3.67E-01	7.00E-01	1.86E-01	3.14E-03	5.00E-04	8.20E-10	1.30E-10
2.21E+00	5.62E-01	3.29E+00	7.70E-01	1.39E+00	2.65E-01	1.40E+00	3.15E-01	2.74E-01	6.21E-02	1.54E+00	3.81E-01	7.79E-01	2.08E-01	3.10E-03	6.83E-04	8.11E-10	1.78E-10
2.93E+00	5.22E-01	3.49E+00	7.75E-01	2.09E+00	2.52E-01	1.49E+00	3.09E-01	2.81E-01	5.86E-02	1.99E+00	3.59E-01	1.06E+00	2.02E-01	3.30E-03	6.43E-04	8.63E-10	1.68E-10
2.77E+00	3.33E-01	3.64E+00	8.58E-01	1.06E+00	2.53E-01	1.67E+00	3.35E-01	2.12E-01	6.03E-02	1.88E+00	2.27E-01	9.38E-01	1.11E-01	4.01E-03	6.76E-04	1.05E-09	1.76E-10
2.63E+00	5.12E-01	3.54E+00	8.67E-01	1.39E+00	1.86E-01	1.75E+00	3.17E-01	2.81E-01	4.71E-02	1.59E+00	3.40E-01	9.67E-01	1.53E-01	4.04E-03	5.58E-04	1.06E-09	1.46E-10
2.21E+00	5.14E-01	3.26E+00	6.38E-01	7.02E-01	1.80E-01	1.40E+00	2.44E-01	1.91E-01	4.44E-02	1.33E+00	3.41E-01	7.87E-01	1.76E-01	2.83E-03	5.08E-04	7.41E-10	1.33E-10
1.56E+00	3.24E-01	1.89E+00	5.54E-01	5.67E-01	1.38E-01	7.78E-01	2.03E-01	1.10E-01	3.26E-02	1.01E+00	2.21E-01	5.85E-01	1.08E-01	1.33E-03	3.65E-04	3.48E-10	9.55E-11
2.34E+00	3.42E-01	1.84E+00	5.50E-01	6.46E-01	1.08E-01	7.57E-01	1.98E-01	1.44E-01	2.81E-02	1.31E+00	2.28E-01	7.92E-01	1.05E-01	1.69E-03	3.38E-04	4.43E-10	8.86E-11
1.88E+00	3.88E-01	1.71E+00	4.27E-01	7.07E-01	1.19E-01	6.59E-01	1.56E-01	1.30E-01	2.65E-02	1.16E+00	2.47E-01	6.41E-01	1.34E-01	1.51E-03	2.79E-04	3.97E-10	7.30E-11
1.60E+00	2.89E-01	2.19E+00	4.76E-01	8.31E-01	1.19E-01	9.15E-01	1.74E-01	1.54E-01	2.76E-02	1.01E+00	1.97E-01	6.08E-01	9.88E-02	1.90E-03	3.03E-04	4.98E-10	7.94E-11
1.96E+00	2.77E-01	2.23E+00	5.08E-01	8.08E-01	1.40E-01	9.98E-01	1.89E-01	1.83E-01	3.35E-02	1.32E+00	1.88E-01	7.74E-01	9.22E-02	2.25E-03	3.74E-04	5.89E-10	9.81E-11
2.26E+00	3.00E-01	2.99E+00	5.67E-01	1.09E+00	1.39E-01	1.17E+00	2.14E-01	2.45E-01	3.42E-02	1.45E+00	2.04E-01	8.54E-01	9.55E-02	2.55E-03	3.93E-04	6.69E-10	1.03E-10
3.19E+00	3.46E-01	3.16E+00	4.65E-01	1.32E+00	1.11E-01	1.20E+00	1.78E-01	2.71E-01	2.76E-02	2.09E+00	2.34E-01	1.11E+00	1.15E-01	2.58E-03	3.38E-04	6.76E-10	8.86E-11
2.41E+00	2.47E-01	3.27E+00	4.55E-01	1.23E+00	1.42E-01	1.15E+00	1.84E-01	2.17E-01	3.43E-02	1.64E+00	1.68E-01	8.86E-01	8.62E-02	2.31E-03	3.85E-04	6.05E-10	1.01E-10
2.77E+00	3.22E-01	2.38E+00	5.77E-01	1.19E+00	1.66E-01	9.97E-01	2.12E-01	1.73E-01	3.72E-02	1.57E+00	2.18E-01	8.47E-01	1.13E-01	2.26E-03	3.96E-04	5.54E-10	1.03E-10
2.32E+00	3.67E-01	2.54E+00	6.07E-01	1.02E+00	1.44E-01	9.86E-01	2.27E-01	1.88E-01	3.55E-02	1.31E+00	2.39E-01	7.83E-01	1.31E-01	2.16E-03	4.13E-04	5.32E-10	1.08E-10
2.52E+00	3.26E-01	2.06E+00	5.87E-01	7.37E-01	1.60E-01	8.24E-01	2.18E-01	1.35E-01	3.71E-02	1.68E+00	2.19E-01	9.72E-01	1.21E-01	1.85E-03	4.06E-04	4.63E-10	1.06E-10
2.21E+00	3.93E-01	3.06E+00	6.93E-01	9.58E-01	1.79E-01	1.34E+00	2.67E-01	2.26E-01	4.45E-02	1.42E+00	2.42E-01	7.54E-01	1.32E-01	2.97E-03	5.17E-04	7.54E-10	1.35E-10
2.16E+00	4.32E-01	3.06E+00	7.42E-01	1.17E+00	2.09E-01	1.22E+00	2.85E-01	2.24E-01	5.01E-02	1.36E+00	2.81E-01	7.37E-01	1.45E-01	2.56E-03	5.62E-04	6.51E-10	1.47E-10
1.55E+00	3.06E-01	3.46E+00	5.74E-01	1.67E+00	1.83E-01	1.14E+00	2.17E-01	2.95E-01	3.98E-02	1.01E+00	2.13E-01	5.42E-01	1.03E-01	2.31E-03	4.24E-04	6.06E-10	1.10E-10
1.43E+00	3.72E-01	3.31E+00	4.54E-01	1.01E+00	1.48E-01	8.88E-01	1.61E-01	1.90E-01	3.23E-02	9.27E-01	2.42E-01	4.89E-01	1.18E-01	1.91E-03	3.35E-04	5.01E-10	8.73E-11
2.60E+00	2.20E-01	2.28E+00	4.16E-01	8.42E-01	1.17E-01	7.95E-01	1.62E-01	1.53E-01	2.79E-02	1.83E+00	1.49E-01	9.53E-01	7.83E-02	1.44E-03	3.22E-04	3.57E-10	8.41E-11
3.40E+00	2.86E-01	2.00E+00	4.62E-01	6.73E-01	1.12E-01	8.80E-01	1.69E-01	1.52E-01	2.74E-02	2.16E+00	1.92E-01	1.29E+00	1.04E-01	1.80E-03	3.14E-04	4.21E-10	8.19E-11
1.31E+00	2.42E-01	1.96E+00	3.71E-01	7.43E-01	9.57E-02	6.84E-01	1.33E-01	1.34E-01	2.13E-02	8.78E-01	1.65E-01	5.08E-01	7.88E-02	1.79E-03	2.34E-04	4.06E-10	6.12E-11
1.83E+00	2.37E-01	1.95E+00	4.13E-01	7.05E-01	1.05E-01	7.97E-01	1.48E-01	1.55E-01	2.50E-02	1.05E+00	1.62E-01	6.53E-01	7.17E-02	1.75E-03	2.85E-04	4.58E-10	7.41E-11
1.95E+00	2.40E-01	2.79E+00	4.64E-01	8.63E-01	1.42E-01	1.03E+00	1.76E-01	1.90E-01	3.31E-02	1.32E+00	1.66E-01	7.64E-01	8.65E-02	2.12E-03	3.62E-04	5.17E-10	9.48E-11
1.83E+00	2.85E-01	3.61E+00	5.38E-01	9.51E-01	1.45E-01	9.85E-01	2.01E-01	1.78E-01	3.41E-02	1.18E+00	1.85E-01	6.41E-01	9.13E-02	2.89E-03	3.90E-04	6.45E-10	1.02E-10
1.59E+00	2.54E-01	3.70E+00	5.39E-01	1.01E+00	1.59E-01	1.10E+00	2.10E-01	2.03E-01	3.83E-02	1.08E+00	1.70E-01	5.31E-01	8.10E-02	2.95E-03	4.31E-04	6.28E-10	1.13E-10
1.80E+00	2.88E-01	3.29E+00	6.43E-01	9.24E-01	1.76E-01	1.26E+00	2.45E-01	2.17E-01	4.21E-02	1.12E+00	1.94E-01	6.74E-01	7.69E-02	2.48E-03	4.74E-04	6.50E-10	1.24E-10
1.94E+00	2.76E-01	3.03E+00	4.97E-01	9.09E-01	1.32E-01	1.19E+00	1.84E-01	2.14E-01	3.01E-02	1.30E+00	1.89E-01	7.27E-01	8.19E-02	2.46E-03	3.36E-04	6.44E-10	8.81E-11
1.79E+00	3.02E-01	3.02E+00	4.16E-01	1.08E+00	1.27E-01	1.17E+00	1.64E-01	1.98E-01	3.03E-02	1.26E+00	2.03E-01	6.62E-01	9.83E-02	2.26E-03	3.39E-04	5.91E-10	8.88E-11
1.99E+00	2.60E-01	2.83E+00	4.46E-01	1.25E+00	1.37E-01	1.06E+00	1.68E-01	1.90E-01	3.11E-02	1.38E+00	1.73E-01	5.44E-01	8.96E-02	2.20E-03	3.32E-04	5.71E-10	8.71E-11
2.20E+00	2.41E-01	3.58E+00	4.33E-01	1.34E+00	1.31E-01	1.13E+00	1.35E-01	2.26E-01	2.45E-02	1.51E+00	1.64E-01	6.03E-01	7.48E-02	2.31E-03	2.50E-04	6.00E-10	6.36E-11
2.16E+00	2.63E-01	4.75E+00	4.57E-01	1.68E+00	1.27E-01	1.51E+00	1.48E-01	3.17E-01	2.62E-02	1.55E+00	1.81E-01	6.41E-01	7.72E-02	2.88E-03	2.68E-04	7.56E-10	7.02E-11
3.13E+00	2.51E-01	4.36E+00	3.63E-01	1.55E+00	1.04E-01	1.32E+00	1.35E-01	2.70E-01	2.38E-02	2.16E+00	1.70E-01	9.69E-01	7.72E-02	2.42E-03	2.58E-04	6.18E-10	6.73E-11
2.66E+00	2.04E-01	4.61E+00	4.90E-01	1.37E+00	1.35E-01	1.57E+00	1.99E-01	2.79E-01	3.44E-02	1.82E+00	1.40E-01	8.29E-01	6.78E-02	2.67E-03	4.05E-04	6.99E-10	1.06E-10
2.99E+00	3.53E-01	5.02E+00	7.25E-01	1.30E+00	2.13E-01	1.85E+00	2.95E-01	2.95E-01	5.28E-02	2.00E+00	2.45E-01	8.95E-01	1.08E-01	3.23E-03	6.09E-04	8.47E-10	1.59E-10
2.21E+00	3.66E-01	3.08E+00	5.67E-01	1.15E+00	1.94E-01	1.09E+00	2.14E-01	2.31E-01	4.17E-02	1.50E+00	2.50E-01	7.08E-01	1.17E-01	2.17E-03	4.24E-04	5.69E-10	1.11E-10
1.06E+00	1.58E-01	1.44E+00	2.43E-01	5.05E-01	8.93E-02	5.06E-01	9.40E-02	9.42E-02	1.73E-02	6.89E-01	1.06E-01	3.38E-01	5.32E-02	1.19E-03	1.80E-04	3.05E-10	4.72E-11
9.16E-01	1.19E-01	1.19E+00	2.05E-01	3.69E-01	6.75E-02	4.90E-01	7.93E-02	7.69E-02	1.38E-02	5.94E-01	8.07E-02	3.12E-01	3.92E-02	1.18E-03	1.57E-04	3.03E-10	4.11E-11
9.41E-01	1.27E-01	1.09E+00	2.20E-01	3.57E-01	6.03E-02	4.54E-01	8.53E-02	7.81E-02	1.47E-02	6.26E-01	8.53E-02	3.20E-01	4.48E-02	1.09E-03	1.68E-04	2.80E-10	4.38E-11
1.10E+00	1.25E-01	1.43E+00	2.27E-01	4.55E-01	6.12E-02	4.83E-01	8.78E-02	9.16E-02	1.50E-02	7.27E-01	8.44E-02	3.88E-01	4.59E-02	1.02E-03	1.71E-04	2.68E-10	4.48E-11
1.41E+00	2.73E-01	1.76E+00	3.92E-01	6.12E-01	1.08E-01	7.63E-01	1.50E-01	1.40E-01	2.69E-02	8.67E-01	1.84E-01	4.96E-01	8.60E-02	1.86E-03	3.17E-04	4.72E-10	8.16E-11
1.58E+00	3.25E-01	2.48E+00	5.08E-01	8.70E-01	1.53E-01	1.12E+00	2.02E-01	2.07E-01	3.66E-02	1.05E+00	2.18E-01	5.59E-01	1.08E-01	2.72E-03	4.18E-04	6.92E-10	1.08E-10
1.89E+00	3.31E-01	2.85E+00	5.14E-01	1.04E+00	1.61E-01	1.36E+00	2.00E-01	2.39E-01	3.68E-02	1.19E+00	2.26E-01	6.50E-01	1.18E-01	3.36E-03	4.03E-04	8.61E-10	1.04E-10
1.96E+00	4.37E-01	2.83E+00	3.65E-01	9.58E-01	1.10E-01	1.34E+00	1.32E-01	2.36E-01	2.34E-02	1.36E+00	2.89E-01	7.19E-01	1.54E-01	3.32E-03	2.85E-04	8.52E-10	7.42E-11
2.25E+00	4.27E-01	3.71E+00	5.40E-01	1.29E+00	1.80E-01	1.57E+00	2.29E-01	3.10E-01	4.43E-02	1.58E+00	2.78E-01	7.24E-01	1.47E-01	3.50E-03	5.08E-04	9.08E-10	1.32E-10
1.88E+00	2.89E-01	2.78E+00	5.60E-01	9.30E-01	2.13E-01	1.15E+00	2.21E-01	2.24E-01	4.64E-02	1.28E+00	2.00E-01	7.53E-01	1.03E-01	2.65E-03	4.80E-04	6.89E-10	1.25E-10
2.14E+00	3.35E-01	2.68E+00	6.35E-01	9.57E-01	1.74E-01	1.30E+00	2.28E-01	2.24E-01	3.97E-02	1.38E+00	2.19E-01	7.57E-01	1.19E-01	3.19E-03	5.37E-04	8.26E-10	1.40E-10
1.95E+00	4.53E-01	2.39E+00	7.17E-01	8.78E-01	1.89E-01	1.39E+00	2.45E-01	1.93E-01	3.99E-02	1.31E+00	3.02E-01	7.16E-01	1.33E-01	3.38E-03	4.46E-04	8.81E-10	1.16E-10
1.93E+00	5.39E-01	2.85E+00	5.58E-01	8.67E-01	1.59E-01	1.36E+00	2.27E-01	2.12E-01	3.89E-02	1.22E+00	3.54E-01	6.61E-01	1.79E-01	3.17E-03	5.05E-04	8.26E-10	1.31E-10
1.94E+00	4.75E-01	2.69E+00	6.38E-01	1.13E+00	2.18E-01	1.14E+00	2.62E-01	2.24E-01	5.13E-02	1.35E+00	3.23E-01	6.52E-01	1.77E-01	2.53E-03	5.68E-04	6.62E-10	1.48E-10
2.54E+00	4.31E-01	2.59E+00	6.21E-01	1.63E+00	2.09E-01	1.09E+00	2.47E-01	2.16E-01	4.66E-02	1.72E+00	2.99E-01	9.25E-01	1.68E-01	2.40E-03	5.12E-04	6.27E-10	1.33E-10
2.82E+00	3.01E-01	3.93E+00	8.29E-01	1.22E+00	2.51E-01	1.76E+00	3.28E-01	2.33E-01	6.00E-02	1.91E+00	2.06E-01	9.07E-01	1.07E-01	4.24E-03	6.73E-04	1.11E-09	1.76E-10
2.13E+00	3.91E-01	3.03E+00	7.57E-01	1.16E+00	1.79E-01	1.56E+00	2.82E-01	2.36E-01	4.47E-02	1.32E+00	2.64E-01	7.94E-01	1.13E-01	3.66E-03	5.24E-04	9.55E-10	1.37E-10
2.13E+00	5.24E-01	3.81E+00	6.68E-01	8.28E-01	1.67E-01	1.47E+00	2.54E-01	2.30E-01	4.43E-02	1.33E+00	3.44E-01	7.67E-01	1.71E-01	2.88E-03	5.37E-04	7.54E-10	1.41E-10
2.15E+00	4.00E-01	2.23E+00	5.59E-01	6.39E-01	1.79E-01	1.15E+00	2.08E-01	1.33E-01	3.73E-02	1.28E+00	2.52E-01	7.55E-01	1.48E-01	2.24E-03	3.85E-04	5.88E-10	1.01E-10
1.96E+00	2.93E-01	1.68E+00	5.07E-01	4.59E-01	1.10E-01	6.21E-01	1.87E-01	1.07E-01	2.80E-02	1.16E+00	1.99E-01	6.46E-01	9.00E-02	1.28E-03	3.31E-04	3.35E-10	8.67E-11
2.00E+00	3.08E-01	2.14E+00	4.10E-01	8.30E-01	1.06E-01	8.58E-01	1.60E-01	1.81E-01	2.42E-02	1.24E+00	2.00E-01	6.87E-01	9.77E-02	1.87E-03	3.03E-04	4.90E-10	7.95E-11
2.23E+00	4.35E-01	2.41E+00	4.90E-01	8.82E-01	1.32E-01	9.90E-01	1.81E-01	2.03E-01	3.02E-02	1.36E+00	2.69E-01	7.67E-01	1.52E-01	2.17E-03	3.25E-04	5.69E-10	8.50E-11
1.88E+00	2.95E-01	2.02E+00	4.14E-01	6.29E-01	1.05E-01	8.43E-01	1.49E-01	1.56E-01	2.39E-02	1.15E+00	2.00E-01	6.36E-01	1.02E-01	1.85E-03	2.57E-04	4.74E-10	6.74E-11
2.22E+00	2.61E-01	1.95E+00	5.00E-01	8.06E-01	1.33E-01	1.01E+00	1.86E-01	1.66E-01	3.10E-02	1.46E+00	1.78E-01	7.95E-01	8.52E-02	2.36E-03	3.45E-04	6.18E-10	9.04E-11
2.56E+00	2.87E-01	3.17E+00	5.05E-01	1.39E+00	1.19E-01	1.17E+00	1.93E-01	2.22E-01	3.02E-02	1.70E+00	1.95E-01	8.85E-01	1.01E-01	2.33E-03	3.56E-04	6.12E-10	9.33E-11
2.92E+00	3.03E-01	2.56E+00	3.94E-01	1.27E+00	1.04E-01	8.88E-01	1.50E-01	2.06E-01	2.53E-02	1.91E+00	2.05E-01	1.08E+00	1.03E-01	1.80E-03	2.88E-04	4.72E-10	7.54E-11
2.03E+00	2.56E-01	2.85E+00	4.28E-01	9.63E-01	1.34E-01	1.21E+00	1.72E-01	2.09E-01	3.23E-02	1.26E+00	1.68E-01	6.79E-01	7.68E-02	2.45E-03	3.61E-04	6.42E-10	9.46E-11
2.81E+00	3.45E-01	2.25E+00	5.91E-01	1.16E+00	1.65E-01	9.45E-01	2.19E-01	1.66E-01	3.78E-02	1.56E+00	2.33E-01	8.41E-01	1.24E-01	2.17E-03	4.11E-04	5.30E-10	1.07E-10
2.21E+00	3.61E-01	2.57E+00	5.55E-01	1.08E+00	1.31E-01	9.16E-01	2.08E-01	1.72E-01	3.24E-02	1.23E+00	2.36E-01	7.01E-01	1.30E-01	1.94E-03	3.78E-04	4.76E-10	9.84E-11
2.32E+00	2.98E-01	2.15E+00	5.56E-01	7.49E-01	1.51E-01	9.36E-01	2.08E-01	1.55E-01	3.52E-02	1.54E+00	2.00E-01	8.93E-01	1.11E-01	2.10E-03	3.88E-04	5.26E-10	1.01E-10

Scenario 1 Results

1.53E+00	2.98E-01	2.98E+00	6.05E-01	8.20E-01	1.57E-01	1.28E+00	2.33E-01	2.20E-01	3.89E-02	9.49E-01	2.04E-01	5.25E-01	9.57E-02	2.82E-03	4.51E-04	7.13E-10	1.18E-10
1.62E+00	2.81E-01	2.63E+00	6.31E-01	8.35E-01	1.79E-01	1.03E+00	2.41E-01	1.89E-01	4.27E-02	9.62E-01	1.89E-01	5.78E-01	9.26E-02	2.13E-03	4.77E-04	5.42E-10	1.24E-10
1.70E+00	3.53E-01	2.70E+00	5.97E-01	1.27E+00	2.04E-01	9.76E-01	2.28E-01	2.32E-01	4.49E-02	1.01E+00	2.39E-01	5.60E-01	1.16E-01	2.00E-03	4.64E-04	5.20E-10	1.21E-10
1.74E+00	3.89E-01	4.86E+00	5.30E-01	1.83E+00	1.81E-01	1.42E+00	1.99E-01	3.40E-01	4.02E-02	1.13E+00	2.59E-01	6.19E-01	1.22E-01	2.90E-03	4.23E-04	7.59E-10	1.10E-10
2.11E+00	3.59E-01	3.91E+00	4.93E-01	1.49E+00	1.39E-01	1.33E+00	1.80E-01	2.98E-01	3.14E-02	1.67E+00	2.34E-01	7.06E-01	1.18E-01	2.79E-03	3.38E-04	7.30E-10	8.83E-11
3.86E+00	2.89E-01	2.40E+00	4.86E-01	5.86E-01	1.23E-01	1.08E+00	1.80E-01	1.50E-01	3.06E-02	2.45E+00	1.94E-01	1.42E+00	9.88E-02	1.75E-03	3.56E-04	4.59E-10	9.29E-11
2.26E+00	2.74E-01	1.99E+00	4.15E-01	6.58E-01	1.04E-01	8.20E-01	1.50E-01	1.41E-01	2.45E-02	1.51E+00	1.75E-01	9.06E-01	9.19E-02	1.82E-03	2.73E-04	4.51E-10	7.14E-11
1.51E+00	2.28E-01	2.19E+00	4.03E-01	8.29E-01	1.10E-01	8.14E-01	1.45E-01	1.70E-01	2.58E-02	9.22E-01	1.55E-01	5.60E-01	7.72E-02	1.73E-03	2.92E-04	4.54E-10	7.57E-11
1.77E+00	2.48E-01	2.49E+00	4.42E-01	8.57E-01	1.18E-01	9.81E-01	1.62E-01	1.88E-01	2.84E-02	1.08E+00	1.70E-01	6.39E-01	7.52E-02	2.05E-03	3.21E-04	5.37E-10	8.41E-11
1.92E+00	2.44E-01	3.28E+00	5.33E-01	8.57E-01	1.55E-01	1.07E+00	2.03E-01	1.91E-01	3.65E-02	1.28E+00	1.62E-01	7.51E-01	8.83E-02	2.56E-03	4.12E-04	5.31E-10	1.08E-10
1.73E+00	2.69E-01	3.85E+00	4.93E-01	1.04E+00	1.26E-01	1.00E+00	1.88E-01	1.81E-01	3.10E-02	1.13E+00	1.77E-01	5.99E-01	8.71E-02	3.02E-03	3.58E-04	5.98E-10	9.38E-11
1.53E+00	2.26E-01	3.51E+00	6.04E-01	9.85E-01	1.73E-01	1.21E+00	2.36E-01	2.17E-01	4.22E-02	1.04E+00	1.53E-01	5.41E-01	7.64E-02	2.73E-03	4.81E-04	6.44E-10	1.26E-10
1.65E+00	2.80E-01	2.99E+00	6.15E-01	8.99E-01	1.66E-01	1.15E+00	2.34E-01	2.01E-01	4.00E-02	1.04E+00	1.89E-01	6.22E-01	7.59E-02	2.25E-03	4.52E-04	5.88E-10	1.19E-10
1.88E+00	2.70E-01	3.05E+00	4.64E-01	8.81E-01	1.30E-01	1.20E+00	1.73E-01	2.11E-01	2.96E-02	1.27E+00	1.85E-01	7.13E-01	8.09E-02	2.46E-03	3.20E-04	6.44E-10	8.38E-11
1.84E+00	2.97E-01	2.87E+00	4.34E-01	1.10E+00	1.31E-01	1.11E+00	1.74E-01	1.98E-01	3.20E-02	1.30E+00	2.00E-01	6.31E-01	9.69E-02	2.24E-03	3.63E-04	5.86E-10	9.52E-11
2.00E+00	2.52E-01	2.77E+00	4.58E-01	1.25E+00	1.42E-01	9.82E-01	1.75E-01	1.85E-01	3.24E-02	1.39E+00	1.68E-01	5.51E-01	8.67E-02	2.00E-03	3.48E-04	5.18E-10	9.12E-11
1.95E+00	2.09E-01	2.89E+00	3.69E-01	1.14E+00	1.13E-01	9.84E-01	1.24E-01	1.77E-01	2.26E-02	1.34E+00	1.45E-01	5.44E-01	6.43E-02	2.01E-03	2.29E-04	5.21E-10	6.01E-11
1.86E+00	2.25E-01	3.52E+00	3.86E-01	1.22E+00	1.10E-01	1.11E+00	1.22E-01	2.29E-01	2.11E-02	1.27E+00	1.55E-01	5.40E-01	6.62E-02	2.27E-03	2.30E-04	5.80E-10	6.01E-11
2.94E+00	2.40E-01	4.04E+00	3.74E-01	1.21E+00	1.02E-01	1.16E+00	1.18E-01	2.34E-01	2.07E-02	2.02E+00	1.63E-01	8.93E-01	7.19E-02	2.33E-03	2.24E-04	6.10E-10	5.88E-11
3.16E+00	2.33E-01	5.43E+00	4.84E-01	1.73E+00	1.31E-01	1.77E+00	1.95E-01	3.31E-01	3.34E-02	2.16E+00	1.58E-01	1.06E+00	7.51E-02	2.95E-03	3.95E-04	7.72E-10	1.03E-10
3.12E+00	2.91E-01	5.36E+00	6.29E-01	1.47E+00	1.71E-01	1.90E+00	2.62E-01	3.19E-01	4.50E-02	2.11E+00	2.02E-01	9.11E-01	8.83E-02	3.27E-03	5.44E-04	8.57E-10	1.42E-10
1.94E+00	2.66E-01	2.80E+00	4.48E-01	8.23E-01	1.38E-01	9.91E-01	1.77E-01	1.80E-01	3.24E-02	1.31E+00	1.83E-01	6.11E-01	8.55E-02	1.84E-03	3.59E-04	4.83E-10	9.35E-11
1.11E+00	1.68E-01	1.45E+00	2.83E-01	5.72E-01	9.91E-02	5.02E-01	1.04E-01	1.08E-01	2.04E-02	7.42E-01	1.14E-01	3.93E-01	5.63E-02	1.18E-03	2.00E-04	3.02E-10	5.20E-11
1.07E+00	1.23E-01	1.43E+00	2.41E-01	5.35E-01	9.01E-02	4.78E-01	8.33E-02	8.80E-02	1.72E-02	6.95E-01	8.27E-02	3.49E-01	4.16E-02	1.11E-03	1.54E-04	2.84E-10	3.99E-11
9.60E-01	1.28E-01	1.25E+00	2.10E-01	4.12E-01	7.70E-02	4.33E-01	7.73E-02	8.36E-02	1.44E-02	6.45E-01	8.65E-02	3.25E-01	4.33E-02	9.74E-04	1.53E-04	2.49E-10	4.00E-11
1.53E+00	2.86E-01	2.22E+00	4.40E-01	7.91E-01	1.35E-01	9.93E-01	1.73E-01	1.86E-01	3.14E-02	1.01E+00	1.94E-01	5.52E-01	9.79E-02	2.43E-03	3.52E-04	6.16E-10	9.06E-11
1.65E+00	3.22E-01	2.07E+00	3.73E-01	7.82E-01	1.16E-01	1.12E+00	1.42E-01	1.74E-01	2.59E-02	1.03E+00	2.19E-01	5.70E-01	1.16E-01	2.77E-03	2.77E-04	7.09E-10	7.15E-11
1.94E+00	4.11E-01	2.78E+00	3.49E-01	9.48E-01	9.24E-02	1.18E+00	1.37E-01	2.31E-01	2.47E-02	1.36E+00	2.69E-01	6.63E-01	1.43E-01	2.66E-03	3.08E-04	6.88E-10	8.01E-11
1.87E+00	3.69E-01	2.91E+00	4.79E-01	1.03E+00	1.66E-01	1.22E+00	2.00E-01	2.43E-01	3.95E-02	1.32E+00	2.40E-01	6.40E-01	1.26E-01	2.72E-03	4.41E-04	7.03E-10	1.15E-10
1.88E+00	2.39E-01	3.08E+00	5.80E-01	1.04E+00	2.23E-01	1.34E+00	2.27E-01	2.56E-01	4.82E-02	1.24E+00	1.69E-01	7.36E-01	8.59E-02	3.25E-03	5.07E-04	8.46E-10	1.32E-10
2.00E+00	3.11E-01	2.74E+00	6.78E-01	9.63E-01	1.87E-01	1.42E+00	2.45E-01	2.29E-01	4.27E-02	1.33E+00	2.14E-01	7.07E-01	1.11E-01	3.46E-03	5.77E-04	8.99E-10	1.50E-10
1.76E+00	4.22E-01	2.27E+00	6.44E-01	8.06E-01	1.69E-01	1.26E+00	2.18E-01	1.80E-01	3.51E-02	1.19E+00	2.81E-01	6.41E-01	1.26E-01	3.08E-03	3.80E-04	7.99E-10	9.88E-11
1.66E+00	4.72E-01	2.34E+00	4.74E-01	7.38E-01	1.36E-01	1.13E+00	1.98E-01	1.77E-01	3.40E-02	1.05E+00	3.11E-01	5.69E-01	1.59E-01	2.65E-03	4.41E-04	6.90E-10	1.15E-10
1.80E+00	4.55E-01	2.72E+00	6.31E-01	1.11E+00	2.12E-01	1.16E+00	2.61E-01	2.26E-01	5.08E-02	1.25E+00	3.09E-01	6.19E-01	1.69E-01	2.59E-03	5.69E-04	6.75E-10	1.48E-10
2.06E+00	3.51E-01	1.95E+00	5.04E-01	1.26E+00	1.73E-01	8.13E-01	2.00E-01	1.63E-01	3.75E-02	1.41E+00	2.45E-01	7.62E-01	1.38E-01	1.78E-03	4.13E-04	4.63E-10	1.07E-10
2.36E+00	2.53E-01	3.28E+00	7.01E-01	1.05E+00	2.14E-01	1.43E+00	2.78E-01	1.88E-01	5.09E-02	1.60E+00	1.74E-01	7.57E-01	1.01E-01	3.46E-03	5.72E-04	9.00E-10	1.49E-10
2.16E+00	3.62E-01	3.97E+00	8.06E-01	1.36E+00	2.07E-01	2.12E+00	3.05E-01	3.03E-01	5.12E-02	1.40E+00	2.47E-01	8.32E-01	1.15E-01	5.04E-03	5.96E-04	1.31E-09	1.55E-10
2.50E+00	5.35E-01	4.93E+00	7.25E-01	1.40E+00	1.68E-01	1.71E+00	2.88E-01	3.11E-01	4.86E-02	1.50E+00	3.52E-01	9.12E-01	1.71E-01	3.28E-03	6.24E-04	8.57E-10	1.63E-10
2.43E+00	5.38E-01	3.56E+00	6.63E-01	9.23E-01	2.28E-01	1.72E+00	2.58E-01	2.09E-01	5.09E-02	1.50E+00	3.32E-01	8.53E-01	1.92E-01	3.57E-03	5.37E-04	9.34E-10	1.40E-10
1.90E+00	3.16E-01	1.77E+00	5.73E-01	6.53E-01	1.39E-01	7.16E-01	2.15E-01	1.34E-01	3.43E-02	1.24E+00	2.17E-01	6.91E-01	1.08E-01	1.60E-03	3.94E-04	4.20E-10	1.03E-10
1.80E+00	2.64E-01	1.48E+00	4.10E-01	5.39E-01	8.02E-02	6.14E-01	1.47E-01	1.21E-01	2.06E-02	9.62E-01	1.75E-01	5.84E-01	8.16E-02	1.36E-03	2.46E-04	3.56E-10	6.43E-11
1.92E+00	3.83E-01	2.05E+00	4.25E-01	7.83E-01	1.18E-01	9.62E-01	1.58E-01	1.66E-01	2.67E-02	1.20E+00	2.46E-01	6.56E-01	1.32E-01	2.19E-03	2.86E-04	5.75E-10	7.49E-11
1.63E+00	2.64E-01	2.24E+00	4.40E-01	8.90E-01	1.12E-01	9.72E-01	1.61E-01	1.48E-01	2.59E-02	1.01E+00	1.81E-01	6.07E-01	9.80E-02	2.03E-03	2.83E-04	5.33E-10	7.40E-11
1.51E+00	2.26E-01	1.85E+00	3.73E-01	6.04E-01	1.05E-01	7.81E-01	1.39E-01	1.43E-01	2.53E-02	1.00E+00	1.54E-01	5.88E-01	7.43E-02	1.73E-03	2.82E-04	4.40E-10	7.40E-11
2.11E+00	2.52E-01	2.45E+00	4.77E-01	8.16E-01	1.22E-01	1.11E+00	1.79E-01	2.01E-01	2.91E-02	1.41E+00	1.72E-01	7.96E-01	7.88E-02	2.49E-03	3.28E-04	6.54E-10	8.57E-11
2.55E+00	2.77E-01	2.83E+00	4.30E-01	1.10E+00	9.85E-02	1.13E+00	1.66E-01	2.05E-01	2.58E-02	1.69E+00	1.84E-01	9.40E-01	9.90E-02	2.56E-03	3.10E-04	6.71E-10	8.12E-11
1.95E+00	2.42E-01	1.98E+00	3.59E-01	8.66E-01	9.20E-02	6.74E-01	1.38E-01	1.39E-01	2.29E-02	1.30E+00	1.64E-01	7.59E-01	8.32E-02	1.34E-03	2.66E-04	3.51E-10	6.96E-11
1.63E+00	2.22E-01	2.06E+00	3.44E-01	6.23E-01	1.06E-01	8.79E-01	1.33E-01	1.40E-01	2.49E-02	1.08E+00	1.46E-01	5.44E-01	6.89E-02	1.75E-03	2.76E-04	4.59E-10	7.22E-11
2.38E+00	3.14E-01	2.10E+00	5.62E-01	8.57E-01	1.52E-01	8.87E-01	2.10E-01	1.58E-01	3.55E-02	1.29E+00	2.13E-01	6.96E-01	1.15E-01	2.06E-03	3.93E-04	5.25E-10	1.03E-10
2.31E+00	3.91E-01	3.08E+00	5.18E-01	1.16E+00	1.21E-01	1.10E+00	1.95E-01	1.83E-01	3.01E-02	1.39E+00	2.55E-01	7.46E-01	1.41E-01	2.08E-03	3.53E-04	5.45E-10	9.18E-11
2.50E+00	3.39E-01	2.24E+00	5.73E-01	8.56E-01	1.56E-01	9.64E-01	2.15E-01	1.63E-01	3.66E-02	1.66E+00	2.20E-01	9.61E-01	1.20E-01	2.14E-03	4.06E-04	5.36E-10	1.06E-10
1.40E+00	2.76E-01	2.63E+00	5.48E-01	7.69E-01	1.44E-01	1.09E+00	2.11E-01	1.93E-01	3.54E-02	8.49E-01	1.89E-01	4.75E-01	8.84E-02	2.37E-03	4.11E-04	5.99E-10	1.07E-10
1.36E+00	2.27E-01	2.01E+00	5.34E-01	6.62E-01	1.52E-01	7.68E-01	2.04E-01	1.43E-01	3.60E-02	7.58E-01	1.57E-01	4.31E-01	6.63E-02	1.61E-03	4.02E-04	4.18E-10	1.05E-10
1.52E+00	3.35E-01	2.17E+00	5.53E-01	7.06E-01	1.82E-01	9.22E-01	2.13E-01	1.54E-01	4.03E-02	9.26E-01	2.24E-01	5.03E-01	1.09E-01	2.17E-03	4.19E-04	5.65E-10	1.10E-10
1.97E+00	3.40E-01	5.74E+00	5.44E-01	2.40E+00	1.68E-01	1.87E+00	1.90E-01	4.51E-01	3.70E-02	1.19E+00	2.31E-01	6.48E-01	1.03E-01	3.89E-03	3.86E-04	1.02E-09	1.00E-10
1.81E+00	4.46E-01	4.27E+00	5.38E-01	1.53E+00	1.70E-01	1.58E+00	2.02E-01	3.34E-01	3.97E-02	1.38E+00	2.85E-01	6.46E-01	1.44E-01	3.42E-03	4.35E-04	8.96E-10	1.14E-10
3.29E+00	2.89E-01	2.81E+00	4.71E-01	7.98E-01	1.25E-01	1.08E+00	1.82E-01	1.47E-01	3.13E-02	2.25E+00	1.91E-01	1.21E+00	9.86E-02	1.59E-03	3.67E-04	4.13E-10	9.58E-11
3.57E+00	2.86E-01	2.32E+00	4.63E-01	8.81E-01	1.11E-01	1.03E+00	1.69E-01	1.91E-01	2.66E-02	2.26E+00	1.81E-01	1.36E+00	9.27E-02	2.26E-03	3.05E-04	5.93E-10	7.96E-11
1.40E+00	2.40E-01	2.41E+00	3.88E-01	7.81E-01	1.05E-01	9.11E-01	1.41E-01	1.74E-01	2.40E-02	9.64E-01	1.63E-01	5.70E-01	8.52E-02	1.84E-03	2.65E-04	4.82E-10	6.93E-11
1.61E+00	2.34E-01	2.20E+00	4.28E-01	7.74E-01	1.13E-01	9.56E-01	1.56E-01	1.83E-01	2.69E-02	9.48E-01	1.60E-01	5.84E-01	7.18E-02	2.07E-03	3.04E-04	5.43E-10	7.92E-11
1.73E+00	2.34E-01	2.68E+00	4.51E-01	7.99E-01	1.35E-01	1.00E+00	1.75E-01	1.85E-01	3.23E-02	1.21E+00	1.59E-01	6.72E-01	8.44E-02	2.03E-03	3.63E-04	5.30E-10	9.51E-11
1.69E+00	2.47E-01	3.55E+00	5.40E-01	9.53E-01	1.50E-01	1.03E+00	2.11E-01	1.82E-01	3.69E-02	1.12E+00	1.63E-01	6.21E-01	7.72E-02	2.73E-03	4.24E-04	6.00E-10	1.11E-10
1.50E+00	2.50E-01	3.65E+00	4.46E-01	1.01E+00	1.29E-01	9.99E-01	1.76E-01	1.78E-01	3.19E-02	9.94E-01	1.66E-01	5.31E-01	8.16E-02	2.82E-03	3.69E-04	5.15E-10	9.68E-11
1.40E+00	2.40E-01	3.11E+00	6.16E-01	8.72E-01	1.74E-01	1.21E+00	2.41E-01	2.13E-01	4.25E-02	9.53E-01	1.61E-01	5.20E-01	7.05E-02	2.45E-03	4.87E-04	6.42E-10	1.28E-10
1.56E+00	2.69E-01	2.66E+00	5.86E-01	9.71E-01	1.58E-01	1.04E+00	2.24E-01	2.15E-01	3.81E-02	1.02E+00	1.81E-01	5.93E-01	7.36E-02	2.23E-03	4.32E-04	5.85E-10	1.13E-10
1.78E+00	2.71E-01	3.08E+00	4.51E-01	8.95E-01	1.33E-01	1.22E+00	1.68E-01	2.10E-01	3.04E-02	1.26E+00	1.85E-01	7.08E-01	8.21E-02	2.48E-03	3.27E-04	6.48E-10	8.57E-11
1.62E+00	2.73E-01	2.67E+00	4.02E-01	8.74E-01	1.21E-01	1.06E+00	1.61E-01	1.89E-01	2.96E-02	1.14E+00	1.84E-01	6.06E-01	8.94E-02	2.17E-03	3.37E-04	5.70E-10	8.83E-11
1.84E+00	2.31E-01	2.46E+00	4.27E-01	1.07E+00	1.33E-01	9.11E-01	1.64E-01	1.56E-01	3.04E-02	1.28E+00	1.54E-01	5.21E-01	7.93E-02	1.80E-03	3.28E-04	4.66E-10	8.59E-11
2.04E+00	2.10E-01	2.94E+00	3.73E-01	1.21E+00	1.18E-01	1.00E+00	1.35E-01	1.79E-01	2.48E-02	1.41E+00	1.43E-01	5.68E-01	6.48E-02	1.83E-03	2.54E-04	4.79E-10	6.64E-11
2.50E+00	2.52E-01	5.23E+00	4.82E-01	1.73E+00	1.44E-01	1.72E+00	1.63E-01	3.41E-01	2.92E-02	1.73E+00	1.74E-01	6.78E-01	7.07E-02	3.16E-03	2.98E-04	8.27E-10	7.76E-11
3.21E+00	2.50E-01	4.74E+00	4.27E-01	1.46E+00	1.23E-01	1.43E+00	1.42E-01	2.86E-01	2.47E-02	2.22E+00	1.71E-01	9.54E-01	7.52E-02	3.01E-03	2.50E-04	7.88E-10	6.54E-11
2.66E+00	2.17E-01	3.67E+00	3.05E-01	1.25E+00	8.32E-02	1.08E+00	1.11E-01	2.14E-01	1.95E-02	1.83E+00	1.46E-01	8.94E-01	6.60E-02	2.14E-03	2.16E-04	5.60E-10	5.66E-11
2.67E+00	2.14E-01	4.36E+00	4.32E-01	1.32E+00	1.15E-01	1.43E+00	1.77E-01	2.56E-01	3.00E-02	1.83E+00	1.49E-01	7.79E-01	6.46E-02	2.39E-03	3.62E-04	6.26E-10	9.43E-11
1.75E+00	1.98E-01	2.53E+00	3.33E-01	6.84E-01	9.39E-02	8.49E-01	1.34E-01	1.37E-01	2.34E-02	1.20E+00	1.37E-01	5.46E-01	6.38E-02	1.44E-03	2.73E-04	3.76E-10	7.12E-11
1.39E+00	1.80E-01	1.80E+00	3.15E-01	5.96E-01	9.85E-02	6.19E-01	1.22E-01	1.24E-01	2.25E-02	9.53E-01	1.23E-01	4.58E-01	5.96E-02	1.25E-03	2.45E-04	3.28E-10	6.36E-11
1.15E+00	1.36E-01	1.55E+00	2.90E-01	5.98E-01	1.01E-01	5.15E-01	1.06E-01	1.15E-01	2.09E-02	7.54E-01	9.18E-02	4.10E-01	4.57E-02	1.03E-03	2.05E-04	2.69E-10	5.34E-11
1.56E+00	3.41E-01	1.98E+00	3.18E-01	7.05E-01	9.91E-02	1.12E+00	1.19E-01	1.64E-01	2.16E-02	1.09E+00	2.29E-01	5.51E-01	1.22E-01	2.79E-03	2.30E-04	7.13E-10	5.89E-11
1.85E+00	3.84E-01	2.88E+00	3.53E-01	9.88E-01	1.06E-01	1.22E+00	1.56E-01	2.40E-01	2.84E-02	1.31E+00	2.50E-01	6.16E-01	1.33E-01	2.75E-03	3.50E-04	7.10E-10	9.10E-11
1.63E+00	3.18E-01	2.50E+00	4.63E-01	8.99E-01	1.65E-01	1.04E+00	1.90E-01	2.10E-01	3.83E-02	1.09E+00	2.08E-01	5.83E-01	1.09E-01	2.32E-03	4.18E-04	6.01E-10	1.09E-10
1.83E+00	2.35E-01	2.49E+00	4.57E-01	8.53E-01	1.73E-01	1.11E+00	1.84E-01	2.08E-01	3.60E-02	1.15E+00	1.61E-01	6.92E-01	8.37E-02	2.70E-03	4.34E-04	7.02E-10	1.13E-10
1.88E+00	3.10E-01	2.54E+00	6.72E-01	8.99E-01	1.86E-01	1.40E+00	2.40E-01	2.13E-01	4.23E-02	1.28E+00	2.15E-01	6.65E-01	1.03E-01	3.41E-03	5.58E-04	8.86E-10	1.45E-10
1.65E+00	4.07E-01	2.23E+00	6.08E-01	7.84E-01	1.59E-01	1.24E+00	2.04E-01	1.80E-01	3.28E-02	1.12E+00	2.72E-01	5.88E-01	1.22E-01	3.03E-03	3.46E-04	7.84E-10	9.00E-11
1.53E+00	4.42E-01	2.11E+00	4.38E-01	7.01E-01	1.29E-01	1.07E+00	1.90E-01	1.66E-01	3.25E-02	9.61E-01	2.91E-01	5.22E-01	1.49E-01	2.51E-03	4.25E-04	6.52E-10	1.10E-10
1.80E+00	4.62E-01	3.04E+00	6.80E-01	1.19E+00	2.25E-01	1.31E+00	2.85E-01	2.52E-01	5.49E-02	1.23E+00	3.14E-01	6.24E-01	1.70E-01	2.93E-03	6.26E-04	7.63E-10	1.63E-10
2.13E+00	3.80E-01	2.37E+00	5.34E-01	1.48E+00	2.05E-01	1.00E+00	2.10E-01	2.03E-01	4.38E-02	1.45E+00	2.65E-01	7.72E-01	1.48E-01	2.19E-03	4.42E-04	5.71E-10	1.15E-10
1.99E+00	2.29E-01	2.76E+00	6.00E-01	9.05E-01	1.84E-01	1.19E+00	2.38E-01	1.51E-01	4.37E-02	1.34E+00	1.62E-01	6.33E-01	9.38E-02	2.88E-03	4.91E-04	7.50E-10	1.28E-10
1.89E+00	2.99E-01	3.34E+00	7.02E-01	1.02E+00	1.89E-01	1.82E+00	2.70E-01	2.51E-01	4.65E-02	1.16E+00	2.01E-01	7.09E-01	9.51E-02	4.35E-03	5.38E-04	1.13E-09	1.40E-10
2.23E+00	4.44E-01	4.57E+00	6.77E-01	1.55E+00	1.59E-01	1.43E+00	2.41E-01	2.93E-01	3.97E-02	1.48E+00	2.96E-01	8.28E-01	1.38E-01	2.59E-03	5.20E-04	6.76E-10	1.36E-10
2.26E+00	5.19E-01	4.15E+00	6.85E-01	8.81E-01	2.15E-01	1.87E+00	2.80E-01	2.51E-01	5.24E-02	1.35E+00	3.24E-01	8.05E-01	1.83E-01	3.87E-03	5.95E-04	1.01E-09	1.55E-10
1.98E+00	3.68E-01	1.76E+00	5.66E-01	7.80E-01	1.64E-01	9.44E-01	2.14E-01	1.46E-01	3.59E-02	1.17E+00	2.48E-01	7.04E-01	1.25E-01	1.69E-03	4.02E-04	4.43E-10	1.05E-10
2.00E+00	2.59E-01	1.53E+00	4.47E-01	5.12E-01	9.70E-02	6.55E-01	1.67E-01	1.27E-01	2.49E-02	1.13E+00	1.75E-01	6.28E-01	7.92E-02	1.46E-03	2.96E-04	3.82E-10	7.75E-11
1.44E+00	2.19E-01	1.43E+00	3.22E-01	6.27E-01	8.98E-02	5.83E-01	1.20E-01	1.24E-01	2.03E-02	8.95E-01	1.42E-01	4.94E-01	7.14E-02	1.35E-03	2.24E-04	3.55E-10	5.87E-11
1.54E+00	3.07E-01	1.51E+00	3.88E-01	6.27E-01	1.05E-01	6.22E-01	1.43E-01	1.30E-01	2.39E-02	9.43E-01	1.90E-01	5.28E-01	1.07E-01	1.25E-03	2.59E-04	3.27E-10	6.77E-11
1.32E+00	2.33E-01	1.64E+00	3.50E-01	5.20E-01	8.12E-02	6.89E-01	1.26E-01	1.28E-01	1.91E-02	8.24E-01	1.57E-01	4.63E-01	8.00E-02	1.54E-03	2.13E-04	3.89E-10	5.56E-11
1.11E+00	1.72E-01	1.60E+00	3.41E-01	4.85E-01	9.24E-02	6.74E-01	1.28E-01	1.22E-01	2.16E-02	7.30E-01	1.17E-01	4.13E-01	5.66E-02	1.50E-03	2.43E-04	3.79E-10	6.37E-11

Scenario 1 Results

1.36E+00	2.12E-01	1.88E+00	4.02E-01	8.00E-01	9.87E-02	6.85E-01	1.52E-01	1.48E-01	2.43E-02	9.27E-01	1.45E-01	5.38E-01	6.30E-02	1.38E-03	2.80E-04	3.63E-10	7.32E-11
2.08E+00	2.49E-01	2.17E+00	3.50E-01	8.70E-01	7.95E-02	8.48E-01	1.36E-01	1.85E-01	2.11E-02	1.38E+00	1.69E-01	7.36E-01	8.30E-02	1.83E-03	2.57E-04	4.80E-10	6.73E-11
1.77E+00	2.09E-01	2.11E+00	3.33E-01	8.27E-01	8.73E-02	7.44E-01	1.29E-01	1.45E-01	2.12E-02	1.18E+00	1.42E-01	6.20E-01	7.29E-02	1.45E-03	2.50E-04	3.80E-10	6.53E-11
1.55E+00	2.05E-01	1.65E+00	3.54E-01	7.44E-01	1.07E-01	6.43E-01	1.31E-01	1.12E-01	2.36E-02	1.01E+00	1.36E-01	5.40E-01	6.55E-02	1.53E-03	2.48E-04	3.68E-10	6.45E-11
1.89E+00	2.73E-01	1.97E+00	5.21E-01	7.71E-01	1.38E-01	8.32E-01	1.95E-01	1.50E-01	3.25E-02	1.11E+00	1.85E-01	6.05E-01	1.01E-01	1.94E-03	3.64E-04	4.97E-10	9.47E-11
1.88E+00	3.07E-01	2.51E+00	4.49E-01	8.92E-01	1.05E-01	8.94E-01	1.69E-01	1.46E-01	2.61E-02	1.25E+00	2.01E-01	6.27E-01	1.12E-01	1.65E-03	3.06E-04	4.32E-10	7.96E-11
2.13E+00	2.79E-01	1.93E+00	5.23E-01	5.58E-01	1.42E-01	8.06E-01	1.97E-01	1.39E-01	3.34E-02	1.42E+00	1.84E-01	8.24E-01	1.02E-01	1.73E-03	3.72E-04	4.32E-10	9.70E-11
1.47E+00	2.68E-01	1.95E+00	5.12E-01	6.11E-01	1.35E-01	7.81E-01	1.98E-01	1.41E-01	3.33E-02	8.94E-01	1.84E-01	4.96E-01	8.55E-02	1.62E-03	3.87E-04	4.07E-10	1.01E-10
1.42E+00	2.11E-01	1.65E+00	4.98E-01	4.92E-01	1.44E-01	6.27E-01	1.91E-01	1.16E-01	3.39E-02	7.98E-01	1.45E-01	4.42E-01	6.42E-02	1.31E-03	3.77E-04	3.40E-10	9.83E-11
1.39E+00	3.00E-01	1.90E+00	5.14E-01	5.70E-01	1.54E-01	9.04E-01	1.99E-01	1.39E-01	3.45E-02	8.24E-01	2.00E-01	4.53E-01	9.68E-02	2.13E-03	3.87E-04	5.52E-10	1.01E-10
1.74E+00	2.72E-01	4.79E+00	4.81E-01	2.09E+00	1.32E-01	1.64E+00	1.80E-01	3.95E-01	2.93E-02	1.08E+00	1.83E-01	5.86E-01	8.38E-02	3.43E-03	3.25E-04	8.96E-10	8.47E-11
1.57E+00	4.21E-01	4.12E+00	5.31E-01	1.24E+00	1.65E-01	1.38E+00	2.05E-01	2.82E-01	3.85E-02	1.09E+00	2.72E-01	5.48E-01	1.36E-01	3.01E-03	4.29E-04	7.88E-10	1.12E-10
2.46E+00	2.53E-01	3.06E+00	4.57E-01	1.18E+00	1.19E-01	1.01E+00	1.70E-01	2.14E-01	2.96E-02	1.85E+00	1.71E-01	8.91E-01	8.26E-02	2.07E-03	3.47E-04	5.37E-10	9.06E-11
3.95E+00	2.74E-01	2.53E+00	4.78E-01	8.75E-01	1.20E-01	1.06E+00	1.77E-01	2.10E-01	2.86E-02	2.51E+00	1.84E-01	1.48E+00	9.57E-02	2.34E-03	3.32E-04	6.13E-10	8.67E-11
2.63E+00	3.24E-01	2.27E+00	4.19E-01	7.32E-01	1.11E-01	9.47E-01	1.57E-01	1.77E-01	2.67E-02	1.70E+00	1.95E-01	1.02E+00	1.07E-01	1.98E-03	3.00E-04	5.19E-10	7.85E-11
1.40E+00	2.15E-01	2.40E+00	4.03E-01	8.40E-01	1.06E-01	9.61E-01	1.47E-01	1.71E-01	2.50E-02	8.75E-01	1.46E-01	5.28E-01	7.26E-02	2.09E-03	2.82E-04	5.46E-10	7.35E-11
1.56E+00	2.29E-01	2.47E+00	4.18E-01	8.42E-01	1.08E-01	1.01E+00	1.55E-01	1.91E-01	2.65E-02	9.48E-01	1.56E-01	5.68E-01	7.31E-02	2.15E-03	3.06E-04	5.64E-10	8.02E-11
1.67E+00	2.34E-01	2.93E+00	5.07E-01	7.93E-01	1.47E-01	9.90E-01	1.96E-01	1.82E-01	3.53E-02	1.15E+00	1.48E-01	6.57E-01	8.50E-02	2.22E-03	3.99E-04	5.45E-10	1.04E-10
1.64E+00	2.41E-01	3.37E+00	5.20E-01	9.24E-01	1.41E-01	1.04E+00	2.03E-01	1.79E-01	3.48E-02	1.09E+00	1.62E-01	5.57E-01	7.45E-02	2.58E-03	4.02E-04	5.99E-10	1.05E-10
1.41E+00	2.25E-01	3.10E+00	4.94E-01	8.76E-01	1.42E-01	1.02E+00	1.98E-01	1.84E-01	3.55E-02	9.68E-01	1.51E-01	4.56E-01	7.39E-02	2.37E-03	4.13E-04	5.50E-10	1.08E-10
1.30E+00	2.42E-01	2.96E+00	6.03E-01	8.03E-01	1.68E-01	1.15E+00	2.35E-01	1.98E-01	4.11E-02	8.82E-01	1.63E-01	4.94E-01	6.30E-02	2.31E-03	4.72E-04	6.04E-10	1.24E-10
1.46E+00	2.45E-01	2.48E+00	5.29E-01	9.31E-01	1.42E-01	9.75E-01	2.02E-01	2.00E-01	3.43E-02	1.01E+00	1.66E-01	5.65E-01	6.91E-02	2.05E-03	3.89E-04	5.36E-10	1.02E-10
1.43E+00	2.57E-01	2.93E+00	4.35E-01	8.70E-01	1.29E-01	1.15E+00	1.63E-01	1.97E-01	2.94E-02	1.18E+00	1.76E-01	6.58E-01	7.85E-02	2.34E-03	3.17E-04	6.11E-10	8.30E-11
1.61E+00	2.63E-01	2.51E+00	4.24E-01	8.58E-01	1.28E-01	1.01E+00	1.72E-01	1.79E-01	3.16E-02	1.14E+00	1.77E-01	5.53E-01	8.58E-02	2.09E-03	3.63E-04	5.48E-10	9.52E-11
1.99E+00	2.27E-01	2.71E+00	4.74E-01	1.22E+00	1.50E-01	1.02E+00	1.84E-01	1.93E-01	3.45E-02	1.40E+00	1.52E-01	5.57E-01	7.76E-02	2.10E-03	3.75E-04	5.51E-10	9.83E-11
2.41E+00	2.47E-01	4.25E+00	4.51E-01	1.62E+00	1.48E-01	1.55E+00	1.66E-01	2.75E-01	3.13E-02	1.69E+00	1.63E-01	6.49E-01	7.70E-02	2.97E-03	3.20E-04	7.78E-10	8.39E-11
2.41E+00	2.36E-01	5.04E+00	4.62E-01	1.65E+00	1.42E-01	1.69E+00	1.62E-01	3.29E-01	2.91E-02	1.66E+00	1.63E-01	6.49E-01	6.53E-02	3.09E-03	3.00E-04	8.11E-10	7.85E-11
2.53E+00	2.22E-01	3.92E+00	3.86E-01	1.24E+00	1.13E-01	1.26E+00	1.30E-01	2.48E-01	2.28E-02	1.77E+00	1.51E-01	7.46E-01	6.35E-02	2.70E-03	2.23E-04	7.07E-10	5.78E-11
2.92E+00	2.28E-01	3.37E+00	3.58E-01	1.19E+00	1.02E-01	1.21E+00	1.16E-01	2.48E-01	2.00E-02	2.02E+00	1.54E-01	9.58E-01	6.94E-02	2.44E-03	2.06E-04	6.38E-10	5.39E-11
2.14E+00	1.91E-01	3.29E+00	2.86E-01	1.08E+00	7.87E-02	9.89E-01	1.12E-01	1.89E-01	1.92E-02	1.49E+00	1.28E-01	6.30E-01	5.95E-02	2.12E-03	2.22E-04	5.53E-10	5.79E-11
1.70E+00	1.76E-01	2.45E+00	2.69E-01	7.25E-01	7.22E-02	7.73E-01	1.08E-01	1.34E-01	1.84E-02	1.18E+00	1.22E-01	5.27E-01	5.63E-02	1.22E-03	2.19E-04	3.18E-10	5.69E-11
1.73E+00	1.99E-01	2.41E+00	3.33E-01	6.38E-01	9.27E-02	8.04E-01	1.35E-01	1.40E-01	2.34E-02	1.19E+00	1.36E-01	5.51E-01	6.50E-02	1.53E-03	2.75E-04	3.99E-10	7.17E-11
1.67E+00	3.46E-01	2.56E+00	3.47E-01	8.94E-01	1.09E-01	1.08E+00	1.51E-01	2.13E-01	2.82E-02	1.16E+00	2.24E-01	5.73E-01	1.19E-01	2.42E-03	3.38E-04	6.25E-10	8.77E-11
1.52E+00	2.65E-01	2.06E+00	4.01E-01	7.12E-01	1.48E-01	7.96E-01	1.62E-01	1.63E-01	3.33E-02	9.28E-01	1.75E-01	5.55E-01	9.14E-02	1.77E-03	3.54E-04	4.58E-10	9.19E-11
1.75E+00	2.29E-01	2.45E+00	4.73E-01	8.40E-01	1.61E-01	1.12E+00	1.92E-01	2.04E-01	3.28E-02	1.06E+00	1.56E-01	6.46E-01	8.20E-02	2.73E-03	4.53E-04	7.10E-10	1.18E-10
1.72E+00	2.75E-01	1.89E+00	5.53E-01	6.90E-01	1.53E-01	1.09E+00	1.94E-01	1.59E-01	3.39E-02	1.09E+00	1.90E-01	6.10E-01	9.32E-02	2.67E-03	4.25E-04	6.92E-10	1.10E-10
1.43E+00	3.69E-01	1.97E+00	5.26E-01	6.84E-01	1.36E-01	1.09E+00	1.74E-01	1.60E-01	2.75E-02	9.79E-01	2.46E-01	5.17E-01	1.12E-01	2.66E-03	2.81E-04	6.89E-10	7.30E-11
1.40E+00	4.08E-01	1.93E+00	3.98E-01	6.54E-01	1.20E-01	9.84E-01	1.80E-01	1.54E-01	3.06E-02	8.77E-01	2.70E-01	4.81E-01	1.38E-01	2.31E-03	4.02E-04	6.00E-10	1.05E-10
1.58E+00	3.81E-01	2.33E+00	5.31E-01	9.28E-01	1.75E-01	9.94E-01	2.22E-01	1.94E-01	4.27E-02	1.08E+00	2.60E-01	5.20E-01	1.41E-01	2.22E-03	4.87E-04	5.79E-10	1.27E-10
2.03E+00	3.99E-01	2.87E+00	6.20E-01	1.67E+00	2.36E-01	1.19E+00	2.44E-01	2.45E-01	5.11E-02	1.41E+00	2.76E-01	7.28E-01	1.54E-01	2.61E-03	5.24E-04	6.79E-10	1.36E-10
2.35E+00	2.83E-01	3.63E+00	6.67E-01	1.22E+00	2.08E-01	1.60E+00	2.69E-01	2.01E-01	5.00E-02	1.58E+00	1.97E-01	7.22E-01	1.14E-01	3.88E-03	5.65E-04	1.01E-09	1.47E-10
1.68E+00	2.46E-01	2.86E+00	6.19E-01	7.53E-01	1.72E-01	1.58E+00	2.40E-01	2.12E-01	4.22E-02	1.08E+00	1.68E-01	6.28E-01	7.99E-02	3.79E-03	4.86E-04	9.86E-10	1.26E-10
1.84E+00	3.35E-01	3.45E+00	5.77E-01	1.30E+00	1.21E-01	9.91E-01	2.07E-01	2.20E-01	3.07E-02	1.26E+00	2.26E-01	6.50E-01	1.01E-01	1.86E-03	3.68E-04	4.83E-10	9.57E-11
1.98E+00	4.57E-01	4.26E+00	6.29E-01	8.21E-01	1.81E-01	1.75E+00	2.66E-01	2.61E-01	4.75E-02	1.22E+00	3.00E-01	7.14E-01	1.52E-01	3.55E-03	5.71E-04	9.28E-10	1.49E-10
2.21E+00	4.19E-01	2.43E+00	5.50E-01	7.83E-01	1.95E-01	1.24E+00	2.09E-01	1.69E-01	3.98E-02	1.31E+00	2.68E-01	7.75E-01	1.53E-01	2.45E-03	4.00E-04	6.41E-10	1.05E-10
2.04E+00	2.89E-01	1.98E+00	5.54E-01	6.69E-01	1.33E-01	8.46E-01	2.13E-01	1.65E-01	3.36E-02	1.30E+00	1.99E-01	7.24E-01	9.74E-02	1.88E-03	3.95E-04	4.92E-10	1.03E-10
1.74E+00	2.46E-01	1.76E+00	3.63E-01	6.72E-01	7.72E-02	7.10E-01	1.33E-01	1.49E-01	2.07E-02	9.01E-01	1.62E-01	5.18E-01	7.80E-02	1.55E-03	2.62E-04	4.06E-10	6.86E-11
1.31E+00	2.61E-01	1.58E+00	3.51E-01	4.86E-01	9.71E-02	6.99E-01	1.31E-01	1.30E-01	2.21E-02	8.29E-01	1.70E-01	4.50E-01	9.08E-02	1.57E-03	2.39E-04	4.11E-10	6.25E-11
1.20E+00	2.10E-01	1.43E+00	3.48E-01	5.34E-01	8.93E-02	6.33E-01	1.27E-01	1.09E-01	2.06E-02	7.23E-01	1.35E-01	4.21E-01	7.57E-02	1.31E-03	2.25E-04	3.40E-10	5.89E-11
1.12E+00	1.83E-01	1.53E+00	2.79E-01	4.80E-01	7.84E-02	6.44E-01	1.05E-01	1.19E-01	1.90E-02	7.12E-01	1.25E-01	4.15E-01	5.94E-02	1.45E-03	2.13E-04	3.64E-10	5.58E-11
1.21E+00	1.67E-01	1.33E+00	3.27E-01	3.99E-01	8.60E-02	5.60E-01	1.23E-01	1.00E-01	2.04E-02	8.04E-01	1.14E-01	4.50E-01	5.45E-02	1.26E-03	2.28E-04	3.13E-10	5.96E-11
1.55E+00	1.83E-01	1.72E+00	3.48E-01	7.42E-01	8.34E-02	6.40E-01	1.33E-01	1.17E-01	2.09E-02	1.03E+00	1.25E-01	5.46E-01	5.92E-02	1.33E-03	2.46E-04	3.49E-10	6.43E-11
2.35E+00	2.44E-01	2.11E+00	3.09E-01	1.08E+00	8.41E-02	6.97E-01	1.20E-01	1.87E-01	1.90E-02	1.55E+00	1.66E-01	8.54E-01	8.25E-02	1.41E-03	2.30E-04	3.71E-10	6.01E-11
1.56E+00	1.78E-01	2.08E+00	3.03E-01	8.09E-01	9.27E-02	7.70E-01	1.23E-01	1.51E-01	2.27E-02	1.06E+00	1.22E-01	5.71E-01	6.24E-02	1.55E-03	2.58E-04	4.06E-10	6.76E-11
1.36E+00	1.78E-01	1.53E+00	3.52E-01	7.31E-01	1.04E-01	6.35E-01	1.31E-01	1.11E-01	2.33E-02	8.86E-01	1.19E-01	4.89E-01	5.87E-02	1.53E-03	2.48E-04	3.66E-10	6.47E-11
1.44E+00	2.39E-01	1.84E+00	4.64E-01	7.50E-01	1.20E-01	7.76E-01	1.74E-01	1.43E-01	2.86E-02	9.76E-01	1.64E-01	5.46E-01	8.05E-02	1.83E-03	3.23E-04	4.44E-10	8.40E-11
1.71E+00	2.52E-01	2.14E+00	3.96E-01	7.06E-01	9.29E-02	7.64E-01	1.49E-01	1.35E-01	2.30E-02	1.16E+00	1.66E-01	5.97E-01	9.26E-02	1.42E-03	2.70E-04	3.57E-10	7.01E-11
1.79E+00	2.34E-01	1.55E+00	4.76E-01	5.27E-01	1.28E-01	5.94E-01	1.80E-01	1.02E-01	3.03E-02	1.20E+00	1.60E-01	6.97E-01	8.48E-02	1.17E-03	3.40E-04	3.04E-10	8.84E-11
1.32E+00	2.51E-01	1.53E+00	4.69E-01	5.42E-01	1.24E-01	6.27E-01	1.82E-01	1.26E-01	3.06E-02	8.11E-01	1.73E-01	4.47E-01	7.99E-02	1.37E-03	3.55E-04	3.58E-10	9.24E-11
1.33E+00	1.97E-01	1.55E+00	4.55E-01	4.55E-01	1.32E-01	5.89E-01	1.75E-01	1.06E-01	3.11E-02	7.57E-01	1.36E-01	4.18E-01	5.93E-02	1.15E-03	3.46E-04	3.00E-10	9.01E-11
1.33E+00	2.79E-01	1.72E+00	4.96E-01	5.35E-01	1.40E-01	8.37E-01	1.92E-01	1.35E-01	3.24E-02	8.03E-01	1.86E-01	4.36E-01	8.94E-02	1.96E-03	3.79E-04	5.07E-10	9.87E-11
1.44E+00	2.47E-01	3.73E+00	4.52E-01	1.62E+00	1.36E-01	1.34E+00	1.72E-01	3.14E-01	3.00E-02	9.25E-01	1.70E-01	5.00E-01	7.95E-02	2.82E-03	3.16E-04	7.36E-10	8.25E-11
1.37E+00	3.54E-01	3.95E+00	4.85E-01	1.39E+00	1.60E-01	1.16E+00	1.89E-01	2.61E-01	3.68E-02	9.14E-01	2.33E-01	4.94E-01	1.14E-01	2.55E-03	4.00E-04	6.66E-10	1.04E-10
1.82E+00	2.67E-01	3.21E+00	4.36E-01	1.24E+00	1.20E-01	1.05E+00	1.60E-01	2.41E-01	2.75E-02	1.44E+00	1.75E-01	6.11E-01	8.77E-02	2.21E-03	3.03E-04	5.72E-10	7.89E-11
3.57E+00	2.69E-01	2.41E+00	4.51E-01	6.70E-01	1.13E-01	1.03E+00	1.69E-01	1.78E-01	2.80E-02	2.36E+00	1.77E-01	1.34E+00	9.34E-02	2.15E-03	3.28E-04	5.64E-10	8.55E-11
3.46E+00	2.78E-01	2.31E+00	4.10E-01	7.97E-01	1.02E-01	1.04E+00	1.48E-01	1.82E-01	2.46E-02	2.19E+00	1.71E-01	1.32E+00	9.08E-02	2.25E-03	2.77E-04	5.90E-10	7.25E-11
1.43E+00	2.22E-01	2.21E+00	3.53E-01	6.80E-01	9.78E-02	8.76E-01	1.29E-01	1.69E-01	2.29E-02	9.64E-01	1.43E-01	5.72E-01	7.89E-02	1.94E-03	2.62E-04	5.08E-10	6.88E-11
1.36E+00	2.14E-01	2.13E+00	3.88E-01	7.67E-01	9.75E-02	9.59E-01	1.43E-01	1.67E-01	2.31E-02	8.18E-01	1.42E-01	5.03E-01	6.59E-02	2.05E-03	2.68E-04	5.37E-10	7.00E-11
1.49E+00	2.22E-01	2.61E+00	4.14E-01	8.09E-01	1.21E-01	1.05E+00	1.63E-01	1.95E-01	2.96E-02	1.04E+00	1.45E-01	5.70E-01	7.98E-02	2.19E-03	3.40E-04	5.75E-10	8.89E-11
1.48E+00	2.10E-01	2.75E+00	5.09E-01	7.85E-01	1.42E-01	1.04E+00	1.98E-01	1.98E-01	3.49E-02	1.01E+00	1.42E-01	5.51E-01	7.64E-02	2.31E-03	4.03E-04	6.05E-10	1.06E-10
1.49E+00	2.25E-01	2.78E+00	4.68E-01	7.80E-01	1.25E-01	9.48E-01	1.81E-01	1.72E-01	3.07E-02	9.93E-01	1.52E-01	5.17E-01	6.89E-02	2.13E-03	3.54E-04	5.29E-10	9.27E-11
1.28E+00	1.88E-01	2.65E+00	5.15E-01	7.53E-01	1.45E-01	1.03E+00	2.06E-01	1.83E-01	3.64E-02	8.78E-01	1.27E-01	4.19E-01	6.25E-02	2.11E-03	4.26E-04	5.51E-10	1.12E-10
1.24E+00	2.32E-01	2.65E+00	5.59E-01	6.98E-01	1.54E-01	1.03E+00	2.17E-01	1.78E-01	3.76E-02	8.10E-01	1.57E-01	4.50E-01	6.07E-02	2.19E-03	4.32E-04	5.74E-10	1.13E-10
1.33E+00	2.22E-01	2.76E+00	4.69E-01	1.03E+00	1.27E-01	1.07E+00	1.79E-01	2.23E-01	3.01E-02	9.44E-01	1.51E-01	5.06E-01	6.23E-02	2.28E-03	3.42E-04	5.98E-10	8.95E-11
1.44E+00	2.43E-01	2.75E+00	4.16E-01	9.00E-01	1.23E-01	1.07E+00	1.56E-01	1.79E-01	2.80E-02	1.05E+00	1.66E-01	5.87E-01	7.43E-02	2.13E-03	3.03E-04	5.58E-10	7.95E-11
1.47E+00	2.41E-01	2.41E+00	4.15E-01	7.65E-01	1.25E-01	9.36E-01	1.70E-01	1.80E-01	3.11E-02	1.04E+00	1.63E-01	4.88E-01	7.86E-02	2.08E-03	3.61E-04	5.46E-10	9.45E-11
1.95E+00	2.12E-01	2.90E+00	4.87E-01	1.24E+00	1.55E-01	1.12E+00	1.91E-01	2.12E-01	3.59E-02	1.39E+00	1.42E-01	5.44E-01	7.23E-02	2.33E-03	3.91E-04	6.10E-10	1.02E-10
2.07E+00	2.15E-01	3.36E+00	3.90E-01	1.34E+00	1.25E-01	1.22E+00	1.43E-01	2.22E-01	2.70E-02	1.46E+00	1.43E-01	5.69E-01	6.69E-02	2.37E-03	2.75E-04	6.22E-10	7.19E-11
1.93E+00	1.96E-01	3.48E+00	3.62E-01	1.13E+00	1.14E-01	1.16E+00	1.21E-01	2.24E-01	2.24E-02	1.34E+00	1.36E-01	5.45E-01	5.55E-02	2.09E-03	2.28E-04	5.47E-10	5.96E-11
2.29E+00	2.11E-01	3.74E+00	3.77E-01	1.22E+00	1.13E-01	1.23E+00	1.28E-01	2.36E-01	2.30E-02	1.61E+00	1.44E-01	6.66E-01	5.96E-02	2.70E-03	2.22E-04	7.07E-10	5.79E-11
2.00E+00	1.96E-01	2.65E+00	3.03E-01	9.22E-01	8.68E-02	9.89E-01	9.77E-02	2.00E-01	1.68E-02	1.41E+00	1.32E-01	6.53E-01	5.76E-02	2.05E-03	1.65E-04	5.37E-10	4.32E-11
1.35E+00	1.77E-01	2.04E+00	2.29E-01	6.95E-01	5.92E-02	6.61E-01	7.44E-02	1.34E-01	1.29E-02	9.53E-01	1.19E-01	4.83E-01	5.46E-02	1.36E-03	1.52E-04	3.56E-10	3.96E-11
1.55E+00	1.66E-01	2.20E+00	2.32E-01	6.98E-01	6.39E-02	6.44E-01	8.21E-02	1.36E-01	1.41E-02	1.09E+00	1.14E-01	4.78E-01	5.35E-02	1.37E-03	1.65E-04	3.57E-10	4.31E-11
1.41E+00	2.13E-01	1.59E+00	3.33E-01	5.62E-01	1.28E-01	6.80E-01	1.31E-01	1.31E-01	2.77E-02	8.53E-01	1.44E-01	5.16E-01	7.42E-02	1.65E-03	2.85E-04	4.29E-10	7.41E-11
1.39E+00	2.07E-01	1.79E+00	3.88E-01	6.29E-01	1.16E-01	8.18E-01	1.46E-01	1.50E-01	2.46E-02	8.87E-01	1.39E-01	5.08E-01	7.44E-02	2.00E-03	3.43E-04	5.19E-10	8.91E-11
1.65E+00	2.92E-01	2.03E+00	5.86E-01	7.37E-01	1.64E-01	1.20E+00	2.06E-01	1.69E-01	3.61E-02	1.09E+00	2.00E-01	5.85E-01	8.75E-02	2.95E-03	4.44E-04	7.62E-10	1.16E-10
1.31E+00	3.50E-01	1.85E+00	4.84E-01	6.55E-01	1.24E-01	1.05E+00	1.59E-01	1.55E-01	2.48E-02	8.99E-01	2.34E-01	4.76E-01	1.07E-01	2.55E-03	2.65E-04	6.60E-10	6.89E-11
1.34E+00	3.93E-01	1.91E+00	3.96E-01	6.51E-01	1.20E-01	9.76E-01	1.81E-01	1.53E-01	3.07E-02	8.52E-01	2.61E-01	4.68E-01	1.33E-01	2.29E-03	4.07E-04	5.96E-10	1.06E-10
1.42E+00	3.35E-01	2.00E+00	4.59E-01	7.98E-01	1.51E-01	8.49E-01	1.92E-01	1.66E-01	3.68E-02	9.73E-01	2.28E-01	4.69E-01	1.24E-01	1.90E-03	4.21E-04	4.94E-10	1.10E-10
1.71E+00	3.18E-01	2.08E+00	4.64E-01	1.21E+00	1.76E-01	8.32E-01	1.81E-01	1.78E-01	3.80E-02	1.18E+00	2.21E-01	6.26E-01	1.24E-01	1.81E-03	3.88E-04	4.71E-10	1.01E-10
1.87E+00	2.45E-01	2.81E+00	5.47E-01	9.40E-01	1.70E-01	1.25E+00	2.20E-01	1.57E-01	4.07E-02	1.26E+00	1.71E-01	5.79E-01	9.88E-02	3.02E-03	4.60E-04	7.85E-10	1.20E-10
1.67E+00	2.27E-01	3.01E+00	6.08E-01	7.96E-01	1.74E-01	1.68E+00	2.39E-01	2.20E-01	4.26E-02	1.15E+00	1.54E-01	6.27E-01	7.61E-02	4.06E-03	4.91E-04	1.05E-09	1.28E-10
1.78E+00	2.89E-01	3.20E+00	5.56E-01	1.29E+00	1.26E-01	9.29E-01	2.02E-01	2.05E-01	3.17E-02	1.23E+00	1.97E-01	6.40E-01	8.43E-02	2.15E-03	3.76E-04	5.60E-10	9.77E-11
1.63E+00	3.70E-01	3.57E+00	4.87E-01	8.60E-01	1.31E-01	1.34E+00	2.09E-01	2.19E-01	3.60E-02	1.10E+00	2.44E-01	5.61E-01	1.20E-01	2.60E-03	4.47E-04	6.80E-10	1.17E-10
1.88E+00	4.23E-01	2.75E+00	5.30E-01	7.73E-01	1.87E-01	1.33E+00	2.03E-01	1.56E-01	4.09E-02	1.16E+00	2.59E-01	6.63E-01	1.51E-01	2.67E-03	4.22E-04	6.98E-10	1.10E-10

Scenario 1 Results

1.95E+00	3.34E-01	1.94E+00	5.52E-01	7.77E-01	1.42E-01	8.13E-01	2.13E-01	1.62E-01	3.52E-02	1.26E+00	2.26E-01	6.87E-01	1.14E-01	1.80E-03	4.05E-04	4.70E-10	1.06E-10
2.51E+00	2.81E-01	2.35E+00	4.84E-01	7.79E-01	1.07E-01	1.02E+00	1.81E-01	1.94E-01	2.72E-02	1.38E+00	1.89E-01	7.62E-01	8.59E-02	2.27E-03	3.22E-04	5.96E-10	8.42E-11
1.68E+00	2.53E-01	2.30E+00	3.78E-01	8.95E-01	1.01E-01	1.13E+00	1.56E-01	1.84E-01	2.33E-02	1.05E+00	1.64E-01	5.74E-01	8.75E-02	2.60E-03	3.02E-04	6.80E-10	7.90E-11
1.83E+00	3.64E-01	2.15E+00	4.01E-01	9.43E-01	1.09E-01	8.68E-01	1.49E-01	1.86E-01	2.50E-02	1.11E+00	2.27E-01	6.35E-01	1.27E-01	1.76E-03	2.71E-04	4.62E-10	7.08E-11
1.49E+00	2.46E-01	1.74E+00	3.45E-01	5.55E-01	8.23E-02	7.53E-01	1.24E-01	1.23E-01	1.90E-02	9.00E-01	1.66E-01	5.45E-01	8.64E-02	1.53E-03	2.09E-04	4.01E-10	5.46E-11
1.26E+00	1.76E-01	1.37E+00	3.18E-01	5.20E-01	9.65E-02	6.09E-01	1.27E-01	1.12E-01	2.36E-02	8.42E-01	1.20E-01	4.96E-01	5.94E-02	1.44E-03	2.67E-04	3.78E-10	6.99E-11
1.45E+00	1.83E-01	1.64E+00	3.49E-01	6.41E-01	8.98E-02	6.52E-01	1.31E-01	1.39E-01	2.13E-02	9.72E-01	1.25E-01	5.55E-01	5.89E-02	1.42E-03	2.41E-04	3.71E-10	6.30E-11
1.75E+00	1.91E-01	1.82E+00	3.16E-01	6.54E-01	7.31E-02	7.37E-01	1.21E-01	1.36E-01	1.89E-02	1.17E+00	1.30E-01	6.46E-01	6.53E-02	1.66E-03	2.27E-04	4.35E-10	5.92E-11
2.08E+00	2.21E-01	2.11E+00	2.78E-01	9.64E-01	7.71E-02	7.17E-01	1.08E-01	1.43E-01	1.83E-02	1.38E+00	1.51E-01	7.88E-01	7.62E-02	1.30E-03	2.11E-04	3.40E-10	5.49E-11
1.18E+00	1.44E-01	1.82E+00	2.90E-01	6.41E-01	8.94E-02	7.95E-01	1.18E-01	1.36E-01	2.19E-02	7.73E-01	9.90E-02	4.28E-01	5.06E-02	1.60E-03	2.49E-04	4.19E-10	6.53E-11
1.38E+00	1.66E-01	1.48E+00	3.50E-01	4.28E-01	1.02E-01	6.32E-01	1.31E-01	1.12E-01	2.30E-02	8.63E-01	1.14E-01	4.71E-01	5.57E-02	1.53E-03	2.49E-04	3.67E-10	6.48E-11
1.40E+00	2.20E-01	1.75E+00	4.20E-01	5.83E-01	1.06E-01	7.35E-01	1.57E-01	1.38E-01	2.55E-02	9.02E-01	1.51E-01	5.05E-01	6.77E-02	1.74E-03	2.92E-04	4.21E-10	7.57E-11
1.60E+00	2.10E-01	1.85E+00	3.51E-01	6.56E-01	8.90E-02	6.57E-01	1.32E-01	1.27E-01	2.05E-02	1.08E+00	1.43E-01	5.67E-01	7.76E-02	1.30E-03	2.40E-04	3.15E-10	6.23E-11
1.55E+00	2.15E-01	1.43E+00	4.39E-01	5.04E-01	1.18E-01	5.49E-01	1.66E-01	9.42E-02	2.79E-02	1.04E+00	1.47E-01	6.06E-01	7.28E-02	1.08E-03	3.14E-04	2.81E-10	8.17E-11
9.55E-01	2.22E-01	1.38E+00	4.17E-01	4.34E-01	1.11E-01	5.26E-01	1.61E-01	1.01E-01	2.72E-02	5.87E-01	1.53E-01	3.23E-01	7.07E-02	1.10E-03	3.15E-04	2.86E-10	8.18E-11
1.34E+00	1.87E-01	1.48E+00	4.32E-01	4.59E-01	1.26E-01	5.63E-01	1.66E-01	1.07E-01	2.97E-02	7.69E-01	1.28E-01	4.23E-01	5.99E-02	1.17E-03	3.31E-04	3.05E-10	8.60E-11
1.00E+00	2.26E-01	1.57E+00	4.44E-01	4.42E-01	1.19E-01	7.41E-01	1.72E-01	1.27E-01	2.94E-02	6.16E-01	1.51E-01	3.33E-01	7.23E-02	1.72E-03	3.42E-04	4.43E-10	8.90E-11
9.49E-01	2.01E-01	1.95E+00	3.82E-01	8.42E-01	1.06E-01	8.04E-01	1.46E-01	1.65E-01	2.33E-02	6.25E-01	1.38E-01	3.37E-01	6.55E-02	1.90E-03	2.73E-04	4.90E-10	7.11E-11
9.59E-01	2.36E-01	2.86E+00	3.41E-01	1.15E+00	1.21E-01	8.57E-01	1.32E-01	2.08E-01	2.66E-02	6.38E-01	1.58E-01	3.54E-01	7.54E-02	1.85E-03	2.79E-04	4.65E-10	7.25E-11
1.29E+00	2.50E-01	2.61E+00	3.45E-01	9.38E-01	9.64E-02	9.41E-01	1.28E-01	1.91E-01	2.22E-02	1.02E+00	1.62E-01	4.07E-01	8.12E-02	2.11E-03	2.44E-04	5.46E-10	6.35E-11
2.90E+00	2.35E-01	2.39E+00	3.89E-01	7.27E-01	1.00E-01	9.20E-01	1.47E-01	1.60E-01	2.52E-02	2.01E+00	1.57E-01	1.09E+00	7.96E-02	1.73E-03	2.97E-04	4.48E-10	7.73E-11
3.85E+00	2.29E-01	2.30E+00	4.13E-01	8.61E-01	1.03E-01	1.04E+00	1.52E-01	1.91E-01	2.46E-02	2.43E+00	1.54E-01	1.45E+00	7.67E-02	2.33E-03	2.90E-04	6.10E-10	7.59E-11
2.14E+00	2.55E-01	1.86E+00	3.51E-01	6.86E-01	9.13E-02	7.20E-01	1.30E-01	1.47E-01	2.17E-02	1.40E+00	1.54E-01	8.40E-01	8.54E-02	1.70E-03	2.43E-04	4.28E-10	6.35E-11
1.26E+00	1.81E-01	2.02E+00	3.55E-01	6.71E-01	9.43E-02	9.63E-01	1.30E-01	1.45E-01	2.22E-02	7.91E-01	1.24E-01	4.34E-01	6.06E-02	2.09E-03	2.50E-04	5.47E-10	6.53E-11
1.21E+00	2.02E-01	2.10E+00	3.72E-01	7.66E-01	9.22E-02	8.84E-01	1.38E-01	1.71E-01	2.24E-02	8.29E-01	1.36E-01	4.46E-01	6.54E-02	1.82E-03	2.59E-04	4.76E-10	6.79E-11
1.41E+00	2.20E-01	2.36E+00	4.49E-01	7.50E-01	1.28E-01	9.13E-01	1.76E-01	1.67E-01	3.13E-02	9.70E-01	1.41E-01	5.52E-01	8.11E-02	1.85E-03	3.59E-04	4.85E-10	9.41E-11
1.46E+00	2.11E-01	2.46E+00	4.70E-01	7.01E-01	1.30E-01	1.08E+00	1.84E-01	1.93E-01	3.21E-02	9.80E-01	1.42E-01	4.87E-01	6.13E-02	2.40E-03	3.71E-04	6.29E-10	9.72E-11
1.21E+00	1.98E-01	2.31E+00	3.90E-01	6.72E-01	1.03E-01	8.77E-01	1.49E-01	1.57E-01	2.66E-02	8.11E-01	1.34E-01	4.34E-01	6.01E-02	1.80E-03	3.17E-04	4.71E-10	8.30E-11
1.13E+00	1.83E-01	2.51E+00	4.98E-01	6.93E-01	1.38E-01	9.75E-01	1.98E-01	1.70E-01	3.47E-02	7.52E-01	1.24E-01	3.81E-01	4.88E-02	1.97E-03	4.07E-04	5.14E-10	1.06E-10
1.16E+00	2.11E-01	2.27E+00	4.84E-01	6.75E-01	1.32E-01	9.97E-01	1.87E-01	1.82E-01	3.20E-02	7.54E-01	1.43E-01	4.06E-01	5.65E-02	2.24E-03	3.66E-04	5.86E-10	9.60E-11
1.28E+00	1.96E-01	2.54E+00	3.90E-01	9.43E-01	1.10E-01	1.04E+00	1.45E-01	1.98E-01	2.61E-02	8.97E-01	1.35E-01	4.68E-01	5.53E-02	2.01E-03	2.92E-04	5.21E-10	7.64E-11
1.29E+00	2.23E-01	2.65E+00	3.81E-01	9.07E-01	1.12E-01	1.06E+00	1.42E-01	1.63E-01	2.55E-02	9.40E-01	1.52E-01	5.34E-01	6.84E-02	2.05E-03	2.86E-04	5.33E-10	7.48E-11
1.35E+00	2.18E-01	2.20E+00	3.98E-01	6.98E-01	1.19E-01	9.20E-01	1.63E-01	1.75E-01	2.99E-02	9.27E-01	1.47E-01	4.47E-01	7.08E-02	2.05E-03	3.48E-04	5.38E-10	9.11E-11
1.53E+00	1.79E-01	1.96E+00	3.94E-01	8.61E-01	1.25E-01	7.58E-01	1.53E-01	1.55E-01	2.87E-02	1.09E+00	1.20E-01	4.44E-01	6.08E-02	1.64E-03	3.11E-04	4.29E-10	8.14E-11
1.78E+00	1.87E-01	2.62E+00	3.40E-01	1.08E+00	1.09E-01	9.53E-01	1.24E-01	1.78E-01	2.34E-02	1.26E+00	1.24E-01	5.02E-01	5.79E-02	1.88E-03	2.38E-04	4.92E-10	6.22E-11
1.89E+00	1.82E-01	3.18E+00	3.35E-01	1.13E+00	1.08E-01	1.07E+00	1.16E-01	2.05E-01	2.10E-02	1.33E+00	1.27E-01	5.34E-01	5.48E-02	1.92E-03	2.23E-04	5.03E-10	5.83E-11
1.70E+00	1.83E-01	2.79E+00	3.15E-01	9.30E-01	9.60E-02	9.52E-01	1.05E-01	1.77E-01	1.89E-02	1.21E+00	1.26E-01	4.96E-01	5.26E-02	2.11E-03	1.79E-04	5.53E-10	4.69E-11
1.77E+00	1.87E-01	2.58E+00	2.97E-01	8.62E-01	8.73E-02	1.02E+00	9.68E-02	2.01E-01	1.69E-02	1.26E+00	1.27E-01	5.71E-01	5.48E-02	2.20E-03	1.61E-04	5.75E-10	4.21E-11
1.41E+00	1.80E-01	2.34E+00	2.50E-01	8.14E-01	6.89E-02	8.26E-01	7.67E-02	1.68E-01	1.27E-02	9.97E-01	1.22E-01	4.95E-01	5.47E-02	1.64E-03	1.36E-04	4.28E-10	3.54E-11
1.42E+00	2.13E-01	2.01E+00	4.48E-01	7.04E-01	1.24E-01	9.91E-01	1.72E-01	1.68E-01	2.87E-02	9.21E-01	1.43E-01	5.03E-01	7.67E-02	2.42E-03	4.05E-04	6.28E-10	1.05E-10
1.41E+00	2.45E-01	1.48E+00	4.49E-01	5.91E-01	1.24E-01	8.96E-01	1.54E-01	1.22E-01	2.65E-02	8.92E-01	1.68E-01	5.03E-01	7.40E-02	2.20E-03	3.06E-04	5.68E-10	7.95E-11
1.27E+00	3.43E-01	1.90E+00	4.65E-01	6.68E-01	1.20E-01	1.07E+00	1.51E-01	1.59E-01	2.35E-02	8.54E-01	2.29E-01	4.57E-01	1.05E-01	2.59E-03	2.64E-04	6.71E-10	6.85E-11
1.17E+00	3.48E-01	1.60E+00	3.52E-01	5.58E-01	1.04E-01	8.19E-01	1.60E-01	1.29E-01	2.73E-02	7.58E-01	2.31E-01	4.18E-01	1.19E-01	1.93E-03	3.61E-04	5.00E-10	9.37E-11
1.53E+00	3.61E-01	2.45E+00	5.36E-01	9.46E-01	1.73E-01	1.05E+00	2.28E-01	2.03E-01	4.33E-02	1.05E+00	2.45E-01	4.94E-01	1.33E-01	2.35E-03	5.03E-04	6.10E-10	1.31E-10
1.48E+00	2.79E-01	1.81E+00	4.05E-01	1.02E+00	1.54E-01	7.21E-01	1.59E-01	1.54E-01	3.32E-02	1.02E+00	1.94E-01	5.47E-01	1.09E-01	1.56E-03	3.40E-04	4.07E-10	8.84E-11
1.74E+00	2.40E-01	2.66E+00	5.09E-01	9.35E-01	1.59E-01	1.21E+00	2.06E-01	1.55E-01	3.81E-02	1.17E+00	1.67E-01	5.34E-01	9.62E-02	2.94E-03	4.32E-04	7.63E-10	1.12E-10
1.49E+00	1.94E-01	2.53E+00	5.32E-01	7.12E-01	1.55E-01	1.42E+00	2.11E-01	1.83E-01	3.78E-02	1.03E+00	1.33E-01	5.37E-01	6.43E-02	3.43E-03	4.34E-04	8.92E-10	1.13E-10
1.48E+00	2.38E-01	2.46E+00	4.97E-01	1.04E+00	1.20E-01	8.49E-01	1.85E-01	1.58E-01	3.00E-02	9.94E-01	1.62E-01	5.43E-01	7.08E-02	2.00E-03	3.54E-04	5.19E-10	9.20E-11
1.71E+00	3.33E-01	3.64E+00	4.67E-01	1.02E+00	1.17E-01	1.28E+00	1.97E-01	2.28E-01	3.31E-02	1.16E+00	2.21E-01	5.75E-01	1.06E-01	2.41E-03	4.25E-04	6.29E-10	1.11E-10
1.55E+00	3.67E-01	2.74E+00	4.85E-01	6.40E-01	1.58E-01	1.24E+00	1.93E-01	1.58E-01	3.70E-02	9.27E-01	2.27E-01	5.49E-01	1.30E-01	2.49E-03	4.07E-04	6.51E-10	1.06E-10
1.71E+00	3.10E-01	1.53E+00	4.56E-01	6.62E-01	1.35E-01	7.04E-01	1.75E-01	1.29E-01	2.96E-02	9.96E-01	2.08E-01	6.01E-01	1.07E-01	1.41E-03	3.35E-04	3.69E-10	8.76E-11
2.04E+00	2.44E-01	2.08E+00	4.65E-01	6.75E-01	1.10E-01	9.01E-01	1.79E-01	1.72E-01	2.80E-02	1.22E+00	1.68E-01	6.84E-01	7.63E-02	2.01E-03	3.32E-04	5.27E-10	8.68E-11
1.48E+00	2.13E-01	1.62E+00	3.17E-01	6.92E-01	7.56E-02	6.70E-01	1.31E-01	1.39E-01	2.01E-02	7.99E-01	1.39E-01	4.74E-01	7.16E-02	1.57E-03	2.59E-04	4.09E-10	6.76E-11
1.50E+00	2.79E-01	2.25E+00	3.65E-01	7.69E-01	1.01E-01	9.57E-01	1.37E-01	1.88E-01	2.33E-02	9.15E-01	1.85E-01	5.17E-01	9.77E-02	2.13E-03	2.53E-04	5.56E-10	6.61E-11
1.94E+00	3.49E-01	2.46E+00	3.96E-01	1.01E+00	1.04E-01	1.12E+00	1.45E-01	1.72E-01	2.38E-02	1.17E+00	2.12E-01	6.75E-01	1.24E-01	2.37E-03	2.57E-04	6.19E-10	6.72E-11
1.87E+00	2.40E-01	2.02E+00	2.98E-01	6.67E-01	9.39E-02	8.68E-01	1.24E-01	1.67E-01	2.33E-02	1.14E+00	1.60E-01	6.18E-01	8.47E-02	1.94E-03	2.68E-04	5.07E-10	7.02E-11
1.57E+00	1.83E-01	2.03E+00	3.45E-01	6.57E-01	9.97E-02	1.02E+00	1.33E-01	1.61E-01	2.43E-02	1.04E+00	1.22E-01	5.53E-01	6.47E-02	2.37E-03	2.75E-04	6.21E-10	7.20E-11
1.25E+00	1.78E-01	1.81E+00	3.34E-01	8.76E-01	8.81E-02	7.17E-01	1.26E-01	1.44E-01	2.07E-02	8.44E-01	1.21E-01	4.90E-01	5.50E-02	1.53E-03	2.32E-04	4.00E-10	6.06E-11
1.44E+00	1.81E-01	1.48E+00	2.66E-01	5.90E-01	6.09E-02	5.80E-01	1.03E-01	1.26E-01	1.60E-02	9.67E-01	1.23E-01	5.52E-01	5.85E-02	1.26E-03	1.95E-04	3.29E-10	5.08E-11
1.36E+00	1.77E-01	1.46E+00	2.55E-01	5.87E-01	6.70E-02	5.33E-01	9.90E-02	1.07E-01	1.67E-02	9.18E-01	1.21E-01	5.37E-01	6.15E-02	1.08E-03	1.95E-04	2.82E-10	5.06E-11
1.06E+00	1.31E-01	1.48E+00	2.50E-01	4.60E-01	7.77E-02	6.56E-01	1.01E-01	1.06E-01	1.89E-02	6.47E-01	8.67E-02	3.49E-01	3.92E-02	1.30E-03	2.13E-04	3.40E-10	5.57E-11
1.48E+00	1.67E-01	1.44E+00	3.52E-01	4.33E-01	1.00E-01	6.33E-01	1.32E-01	1.12E-01	2.29E-02	8.88E-01	1.15E-01	4.85E-01	5.68E-02	1.55E-03	2.51E-04	3.70E-10	6.52E-11
1.18E+00	1.95E-01	1.67E+00	3.66E-01	5.78E-01	9.06E-02	6.98E-01	1.37E-01	1.34E-01	2.20E-02	7.41E-01	1.34E-01	4.19E-01	5.81E-02	1.66E-03	2.53E-04	4.01E-10	6.57E-11
1.24E+00	1.67E-01	1.45E+00	3.01E-01	6.34E-01	7.93E-02	5.28E-01	1.13E-01	1.19E-01	1.78E-02	8.41E-01	1.15E-01	4.51E-01	5.71E-02	1.19E-03	2.07E-04	2.88E-10	5.35E-11
1.34E+00	1.99E-01	1.31E+00	4.05E-01	4.86E-01	1.08E-01	5.06E-01	1.54E-01	8.65E-02	2.57E-02	8.99E-01	1.36E-01	5.25E-01	6.23E-02	9.95E-04	2.91E-04	2.59E-10	7.56E-11
7.75E-01	2.04E-01	1.27E+00	3.79E-01	3.82E-01	1.01E-01	4.91E-01	1.47E-01	8.89E-02	2.48E-02	4.80E-01	1.41E-01	2.62E-01	6.48E-02	9.70E-04	2.87E-04	2.53E-10	7.46E-11
1.05E+00	1.71E-01	1.36E+00	3.80E-01	4.26E-01	1.11E-01	5.18E-01	1.46E-01	8.95E-02	2.60E-02	6.13E-01	1.18E-01	3.37E-01	4.98E-02	1.00E-03	2.90E-04	2.59E-10	7.54E-11
6.92E-01	1.69E-01	1.44E+00	3.82E-01	4.43E-01	1.04E-01	6.39E-01	1.48E-01	1.18E-01	2.54E-02	4.88E-01	1.14E-01	2.31E-01	5.39E-02	1.46E-03	2.94E-04	3.77E-10	7.64E-11
7.07E-01	1.73E-01	1.59E+00	3.41E-01	5.64E-01	8.79E-02	7.89E-01	1.31E-01	1.27E-01	2.06E-02	4.56E-01	1.20E-01	2.56E-01	5.71E-02	1.85E-03	2.48E-04	4.78E-10	6.45E-11
8.37E-01	1.82E-01	2.36E+00	2.89E-01	1.02E+00	1.01E-01	8.11E-01	1.09E-01	1.85E-01	2.18E-02	5.27E-01	1.23E-01	3.01E-01	5.82E-02	1.83E-03	2.25E-04	4.63E-10	5.84E-11
1.01E+00	2.38E-01	2.39E+00	3.06E-01	7.60E-01	9.15E-02	8.89E-01	1.15E-01	1.78E-01	2.10E-02	7.70E-01	1.54E-01	3.67E-01	7.71E-02	1.98E-03	2.30E-04	5.14E-10	5.96E-11
2.21E+00	1.97E-01	2.26E+00	3.23E-01	7.99E-01	8.69E-02	9.10E-01	1.27E-01	1.84E-01	2.20E-02	1.60E+00	1.32E-01	8.14E-01	6.45E-02	2.03E-03	2.59E-04	5.24E-10	6.76E-11
3.74E+00	2.25E-01	2.10E+00	3.86E-01	7.11E-01	9.61E-02	9.58E-01	1.44E-01	1.74E-01	2.32E-02	2.38E+00	1.47E-01	1.41E+00	7.89E-02	1.97E-03	2.66E-04	5.16E-10	6.93E-11
2.80E+00	2.55E-01	2.25E+00	3.42E-01	7.40E-01	9.41E-02	9.45E-01	1.29E-01	1.80E-01	2.24E-02	1.80E+00	1.54E-01	1.09E+00	8.32E-02	2.04E-03	2.51E-04	5.35E-10	6.58E-11
1.10E+00	1.82E-01	1.89E+00	3.22E-01	5.74E-01	8.88E-02	9.18E-01	1.19E-01	1.41E-01	2.13E-02	7.47E-01	1.20E-01	4.41E-01	6.56E-02	2.01E-03	2.42E-04	5.26E-10	6.35E-11
1.09E+00	1.81E-01	1.86E+00	3.42E-01	6.52E-01	8.62E-02	1.00E+00	1.26E-01	1.52E-01	2.09E-02	7.04E-01	1.24E-01	3.98E-01	5.51E-02	2.12E-03	2.47E-04	5.56E-10	6.47E-11
1.33E+00	2.11E-01	2.14E+00	3.59E-01	7.38E-01	1.04E-01	8.69E-01	1.42E-01	1.62E-01	2.55E-02	9.24E-01	1.40E-01	5.12E-01	7.86E-02	1.85E-03	2.95E-04	4.83E-10	7.72E-11
1.31E+00	1.88E-01	2.20E+00	4.47E-01	8.03E-01	1.25E-01	8.94E-01	1.72E-01	1.83E-01	3.03E-02	8.92E-01	1.25E-01	4.47E-01	7.29E-02	1.95E-03	3.48E-04	5.12E-10	9.11E-11
1.29E+00	2.02E-01	2.44E+00	4.18E-01	6.69E-01	1.12E-01	1.09E+00	1.63E-01	1.85E-01	2.77E-02	8.59E-01	1.36E-01	4.47E-01	5.79E-02	2.42E-03	3.22E-04	6.33E-10	8.43E-11
1.13E+00	1.69E-01	2.16E+00	3.88E-01	6.29E-01	1.08E-01	8.34E-01	1.58E-01	1.49E-01	2.78E-02	7.81E-01	1.14E-01	3.76E-01	5.29E-02	1.79E-03	3.33E-04	4.70E-10	8.72E-11
1.25E+00	1.81E-01	2.31E+00	4.68E-01	6.26E-01	1.29E-01	8.94E-01	1.85E-01	1.53E-01	3.21E-02	8.14E-01	1.22E-01	4.27E-01	4.56E-02	1.78E-03	3.75E-04	4.66E-10	9.83E-11
1.20E+00	1.92E-01	2.47E+00	4.18E-01	7.33E-01	1.17E-01	1.08E+00	1.59E-01	1.97E-01	2.70E-02	7.88E-01	1.30E-01	4.26E-01	5.28E-02	2.42E-03	3.08E-04	6.34E-10	8.06E-11
1.11E+00	1.92E-01	2.76E+00	3.78E-01	1.02E+00	1.05E-01	1.10E+00	1.40E-01	2.14E-01	2.50E-02	8.24E-01	1.32E-01	4.54E-01	5.45E-02	2.27E-03	2.81E-04	5.95E-10	7.36E-11
1.21E+00	2.02E-01	2.38E+00	3.41E-01	8.53E-01	1.00E-01	9.50E-01	1.26E-01	1.49E-01	2.26E-02	8.70E-01	1.38E-01	5.05E-01	6.21E-02	1.88E-03	2.63E-04	4.89E-10	6.88E-11
1.26E+00	1.93E-01	1.91E+00	3.57E-01	6.53E-01	1.08E-01	7.98E-01	1.46E-01	1.51E-01	2.68E-02	8.69E-01	1.30E-01	4.26E-01	6.27E-02	1.79E-03	3.10E-04	4.68E-10	8.13E-11
1.43E+00	1.72E-01	2.16E+00	4.15E-01	8.07E-01	1.32E-01	8.76E-01	1.63E-01	1.75E-01	3.06E-02	1.02E+00	1.16E-01	4.16E-01	5.76E-02	1.91E-03	3.34E-04	5.01E-10	8.74E-11
1.70E+00	1.91E-01	2.83E+00	3.55E-01	1.06E+00	1.16E-01	1.07E+00	1.31E-01	2.00E-01	2.49E-02	1.21E+00	1.26E-01	4.79E-01	5.92E-02	2.17E-03	2.54E-04	5.68E-10	6.65E-11
1.86E+00	1.71E-01	3.16E+00	3.39E-01	1.17E+00	1.07E-01	1.14E+00	1.23E-01	2.03E-01	2.24E-02	1.32E+00	1.20E-01	5.21E-01	5.66E-02	2.17E-03	2.35E-04	5.68E-10	6.15E-11
1.69E+00	1.73E-01	2.73E+00	3.05E-01	9.22E-01	9.58E-02	9.08E-01	1.01E-01	1.63E-01	1.87E-02	1.18E+00	1.20E-01	4.94E-01	4.93E-02	2.04E-03	1.82E-04	5.34E-10	4.76E-11
1.50E+00	1.73E-01	2.30E+00	2.77E-01	7.42E-01	8.24E-02	9.44E-01	9.02E-02	1.81E-01	1.59E-02	1.08E+00	1.19E-01	4.79E-01	5.08E-02	2.06E-03	1.52E-04	5.37E-10	3.96E-11
1.34E+00	2.46E-01	1.52E+00	4.38E-01	6.05E-01	1.22E-01	9.22E-01	1.49E-01	1.20E-01	2.57E-02	8.54E-01	1.68E-01	5.02E-01	7.05E-02	2.27E-03	2.86E-04	5.85E-10	7.43E-11
1.09E+00	2.97E-01	1.55E+00	3.79E-01	5.73E-01	9.43E-02	8.68E-01	1.21E-01	1.30E-01	1.81E-02	7.02E-01	1.98E-01	4.03E-01	9.32E-02	2.11E-03	2.32E-04	5.45E-10	6.02E-11
1.05E+00	3.10E-01	1.45E+00	3.17E-01	5.05E-01	9.23E-02	6.97E-01	1.44E-01	1.16E-01	2.46E-02	6.79E-01	2.06E-01	3.77E-01	1.07E-01	1.63E-03	3.24E-04	4.23E-10	8.41E-11
1.26E+00	2.83E-01	1.71E+00	3.89E-01	6.84E-01	1.26E-01	7.22E-01	1.64E-01	1.43E-01	3.12E-02	8.66E-01	1.93E-01	4.25E-01	1.05E-01	1.61E-03	3.60E-04	4.19E-10	9.36E-11
1.31E+00	2.50E-01	1.61E+00	3.62E-01	8.90E-01	1.37E-01	6.52E-01	1.42E-01	1.37E-01	2.96E-02	9.05E-01	1.74E-01	4.85E-01	9.73E-02	1.41E-03	3.04E-04	3.68E-10	7.91E-11

Scenario 1 Results

1.32E+00	1.96E-01	1.93E+00	4.11E-01	7.19E-01	1.27E-01	9.11E-01	1.65E-01	1.15E-01	3.04E-02	8.90E-01	1.36E-01	4.08E-01	7.85E-02	2.20E-03	3.44E-04	5.72E-10	8.94E-11
1.48E+00	1.79E-01	2.49E+00	5.06E-01	7.40E-01	1.49E-01	1.41E+00	2.02E-01	1.78E-01	3.64E-02	1.02E+00	1.23E-01	5.08E-01	5.98E-02	3.41E-03	4.19E-04	8.85E-10	1.09E-10
1.42E+00	2.31E-01	2.24E+00	4.92E-01	9.97E-01	1.25E-01	9.49E-01	1.85E-01	1.48E-01	3.11E-02	8.96E-01	1.51E-01	5.27E-01	6.91E-02	2.25E-03	3.65E-04	5.85E-10	9.48E-11
1.51E+00	2.69E-01	3.03E+00	4.18E-01	9.51E-01	9.94E-02	9.98E-01	1.56E-01	1.90E-01	2.58E-02	1.03E+00	1.81E-01	4.91E-01	8.40E-02	1.80E-03	3.34E-04	4.70E-10	8.71E-11
1.30E+00	3.02E-01	2.56E+00	4.19E-01	4.95E-01	1.27E-01	1.09E+00	1.71E-01	1.48E-01	3.14E-02	8.40E-01	1.99E-01	4.64E-01	1.03E-01	2.14E-03	3.63E-04	5.60E-10	9.46E-11
1.50E+00	2.87E-01	1.42E+00	3.91E-01	5.24E-01	1.28E-01	7.08E-01	1.49E-01	1.08E-01	2.59E-02	8.88E-01	1.85E-01	5.27E-01	1.05E-01	1.27E-03	2.87E-04	3.31E-10	7.50E-11
1.38E+00	2.17E-01	1.37E+00	3.97E-01	5.02E-01	9.78E-02	5.91E-01	1.54E-01	1.13E-01	2.47E-02	8.92E-01	1.50E-01	4.91E-01	7.54E-02	1.33E-03	2.91E-04	3.48E-10	7.59E-11
1.82E+00	2.05E-01	1.67E+00	3.30E-01	6.53E-01	7.21E-02	6.64E-01	1.23E-01	1.42E-01	1.93E-02	9.66E-01	1.38E-01	5.31E-01	6.39E-02	1.45E-03	2.48E-04	3.78E-10	6.48E-11
1.11E+00	1.72E-01	1.59E+00	2.91E-01	4.91E-01	8.08E-02	7.32E-01	1.10E-01	1.30E-01	1.86E-02	6.93E-01	1.13E-01	3.77E-01	6.03E-02	1.66E-03	2.04E-04	4.35E-10	5.32E-11
1.71E+00	3.33E-01	1.98E+00	3.71E-01	9.47E-01	1.02E-01	8.61E-01	1.38E-01	1.74E-01	2.33E-02	1.04E+00	2.09E-01	5.92E-01	1.17E-01	1.76E-03	2.52E-04	4.61E-10	6.58E-11
1.67E+00	2.53E-01	2.01E+00	3.39E-01	6.35E-01	8.34E-02	8.89E-01	1.21E-01	1.65E-01	1.89E-02	9.92E-01	1.71E-01	5.99E-01	9.16E-02	2.00E-03	2.05E-04	5.23E-10	5.35E-11
1.70E+00	1.85E-01	1.97E+00	3.33E-01	7.38E-01	1.04E-01	8.98E-01	1.39E-01	1.60E-01	2.59E-02	1.03E+00	1.26E-01	6.02E-01	6.45E-02	2.14E-03	2.97E-04	5.59E-10	7.78E-11
1.60E+00	1.76E-01	2.19E+00	3.34E-01	7.14E-01	9.18E-02	9.47E-01	1.25E-01	1.81E-01	2.15E-02	1.06E+00	1.20E-01	5.89E-01	6.24E-02	2.12E-03	2.38E-04	5.54E-10	6.19E-11
1.50E+00	1.62E-01	1.85E+00	3.03E-01	8.11E-01	7.69E-02	7.52E-01	1.15E-01	1.26E-01	1.81E-02	1.01E+00	1.11E-01	5.21E-01	5.67E-02	1.73E-03	2.13E-04	4.52E-10	5.55E-11
1.51E+00	1.74E-01	1.29E+00	2.31E-01	6.45E-01	5.65E-02	4.74E-01	9.02E-02	1.14E-01	1.41E-02	1.01E+00	1.18E-01	5.46E-01	5.78E-02	9.32E-04	1.72E-04	2.41E-10	4.49E-11
1.07E+00	1.48E-01	1.31E+00	2.35E-01	4.34E-01	6.07E-02	4.74E-01	9.16E-02	9.21E-02	1.53E-02	7.26E-01	1.01E-01	3.84E-01	5.17E-02	9.21E-04	1.81E-04	2.41E-10	4.69E-11
8.82E-01	1.20E-01	1.33E+00	2.38E-01	3.30E-01	7.16E-02	5.19E-01	8.93E-02	8.46E-02	1.60E-02	5.88E-01	7.94E-02	2.98E-01	3.62E-02	1.15E-03	1.72E-04	2.70E-10	4.49E-11
1.33E+00	1.61E-01	1.44E+00	3.34E-01	4.39E-01	9.31E-02	6.35E-01	1.25E-01	1.13E-01	2.16E-02	7.67E-01	1.11E-01	4.20E-01	5.07E-02	1.55E-03	2.38E-04	3.72E-10	6.18E-11
1.09E+00	1.77E-01	1.62E+00	3.28E-01	5.75E-01	7.99E-02	6.69E-01	1.23E-01	1.30E-01	1.95E-02	6.69E-01	1.22E-01	3.73E-01	5.33E-02	1.59E-03	2.26E-04	3.84E-10	5.85E-11
1.12E+00	1.54E-01	1.37E+00	2.69E-01	6.20E-01	7.54E-02	4.92E-01	1.02E-01	1.14E-01	1.71E-02	7.65E-01	1.05E-01	4.16E-01	5.36E-02	1.11E-03	1.86E-04	2.68E-10	4.81E-11
1.13E+00	1.83E-01	1.21E+00	3.71E-01	4.71E-01	9.81E-02	4.62E-01	1.41E-01	7.84E-02	2.35E-02	7.60E-01	1.26E-01	4.45E-01	5.26E-02	9.09E-04	2.67E-04	2.35E-10	6.92E-11
7.09E-01	1.94E-01	1.20E+00	3.53E-01	3.65E-01	9.43E-02	4.72E-01	1.37E-01	8.53E-02	2.31E-02	4.42E-01	1.34E-01	2.40E-01	6.16E-02	9.33E-04	2.69E-04	2.44E-10	6.96E-11
1.05E+00	1.62E-01	1.31E+00	3.62E-01	3.97E-01	1.06E-01	5.02E-01	1.40E-01	8.98E-02	2.49E-02	6.16E-01	1.12E-01	3.37E-01	4.94E-02	9.90E-04	2.79E-04	2.58E-10	7.24E-11
6.53E-01	1.60E-01	1.33E+00	3.75E-01	4.64E-01	1.04E-01	5.52E-01	1.46E-01	1.10E-01	2.53E-02	4.62E-01	1.08E-01	2.24E-01	5.07E-02	1.24E-03	2.91E-04	3.20E-10	7.57E-11
7.19E-01	1.77E-01	1.57E+00	3.37E-01	5.18E-01	9.04E-02	7.52E-01	1.30E-01	1.26E-01	2.08E-02	4.65E-01	1.21E-01	2.60E-01	5.76E-02	1.76E-03	2.50E-04	4.52E-10	6.50E-11
7.91E-01	1.67E-01	1.98E+00	2.76E-01	8.69E-01	8.40E-02	7.93E-01	1.05E-01	1.62E-01	1.85E-02	4.89E-01	1.13E-01	2.67E-01	5.29E-02	1.74E-03	1.95E-04	4.43E-10	5.05E-11
8.75E-01	2.19E-01	2.25E+00	3.05E-01	7.39E-01	9.81E-02	8.57E-01	1.17E-01	1.69E-01	2.23E-02	6.16E-01	1.43E-01	3.10E-01	7.10E-02	1.92E-03	2.42E-04	4.87E-10	6.26E-11
1.66E+00	1.66E-01	2.34E+00	2.83E-01	8.29E-01	7.61E-02	9.71E-01	1.12E-01	1.94E-01	1.93E-02	1.23E+00	1.12E-01	5.81E-01	5.52E-02	2.17E-03	2.29E-04	5.61E-10	5.95E-11
3.29E+00	2.18E-01	2.01E+00	3.41E-01	6.56E-01	8.43E-02	8.69E-01	1.28E-01	1.41E-01	2.07E-02	2.15E+00	1.44E-01	1.24E+00	7.52E-02	1.55E-03	2.42E-04	4.05E-10	6.31E-11
3.28E+00	2.15E-01	2.09E+00	3.40E-01	6.96E-01	8.38E-02	9.32E-01	1.24E-01	1.68E-01	2.02E-02	2.08E+00	1.34E-01	1.26E+00	6.97E-02	2.07E-03	2.28E-04	5.42E-10	5.97E-11
1.58E+00	2.14E-01	1.82E+00	3.08E-01	7.25E-01	8.03E-02	7.61E-01	1.12E-01	1.44E-01	1.85E-02	1.05E+00	1.30E-01	6.33E-01	7.31E-02	1.68E-03	2.10E-04	4.39E-10	5.51E-11
1.02E+00	1.61E-01	1.78E+00	3.14E-01	6.05E-01	8.46E-02	1.01E+00	1.15E-01	1.30E-01	2.06E-02	6.87E-01	1.10E-01	3.88E-01	5.19E-02	2.17E-03	2.44E-04	5.68E-10	6.38E-11
1.17E+00	1.87E-01	1.97E+00	3.25E-01	7.25E-01	8.62E-02	9.22E-01	1.21E-01	1.65E-01	2.16E-02	8.60E-01	1.30E-01	4.64E-01	7.06E-02	1.87E-03	2.51E-04	4.88E-10	6.56E-11
1.25E+00	2.01E-01	2.10E+00	3.98E-01	6.40E-01	1.14E-01	8.21E-01	1.55E-01	1.50E-01	2.78E-02	8.52E-01	1.39E-01	5.08E-01	7.96E-02	1.68E-03	3.17E-04	4.40E-10	8.30E-11
1.30E+00	1.89E-01	2.43E+00	4.18E-01	8.03E-01	1.14E-01	1.03E+00	1.66E-01	1.98E-01	2.86E-02	8.74E-01	1.28E-01	4.40E-01	5.66E-02	2.26E-03	3.36E-04	5.93E-10	8.79E-11
1.24E+00	1.83E-01	2.27E+00	3.61E-01	6.80E-01	9.33E-02	1.02E+00	1.39E-01	1.77E-01	2.32E-02	8.34E-01	1.24E-01	4.00E-01	5.50E-02	2.24E-03	2.70E-04	5.86E-10	7.06E-11
1.10E+00	1.44E-01	2.19E+00	4.12E-01	6.23E-01	1.14E-01	8.60E-01	1.67E-01	1.49E-01	2.93E-02	7.67E-01	9.78E-02	3.82E-01	4.61E-02	1.91E-03	3.50E-04	5.01E-10	9.16E-11
1.34E+00	1.78E-01	2.09E+00	4.38E-01	5.51E-01	1.19E-01	8.60E-01	1.71E-01	1.38E-01	2.95E-02	8.76E-01	1.20E-01	4.61E-01	4.63E-02	1.99E-03	3.44E-04	5.21E-10	8.99E-11
1.10E+00	1.74E-01	2.42E+00	3.63E-01	7.36E-01	1.05E-01	1.03E+00	1.37E-01	1.91E-01	2.40E-02	7.29E-01	1.18E-01	3.94E-01	4.89E-02	2.29E-03	2.61E-04	6.00E-10	6.84E-11
9.91E-01	1.78E-01	2.42E+00	3.38E-01	9.30E-01	9.53E-02	9.48E-01	1.25E-01	1.88E-01	2.24E-02	7.86E-01	1.22E-01	4.43E-01	5.16E-02	1.98E-03	2.50E-04	5.18E-10	6.54E-11
1.20E+00	1.90E-01	2.43E+00	3.19E-01	8.53E-01	9.47E-02	9.93E-01	1.20E-01	1.45E-01	2.22E-02	8.29E-01	1.30E-01	4.84E-01	5.87E-02	1.96E-03	2.62E-04	5.13E-10	6.85E-11
1.27E+00	1.86E-01	2.15E+00	3.92E-01	6.90E-01	1.18E-01	9.39E-01	1.63E-01	1.75E-01	2.98E-02	8.47E-01	1.26E-01	4.20E-01	6.05E-02	2.11E-03	3.50E-04	5.53E-10	9.17E-11
1.18E+00	1.67E-01	2.19E+00	4.11E-01	7.42E-01	1.30E-01	9.06E-01	1.62E-01	1.78E-01	3.05E-02	8.46E-01	1.12E-01	3.50E-01	5.34E-02	2.00E-03	3.35E-04	5.23E-10	8.76E-11
1.43E+00	1.81E-01	2.63E+00	3.47E-01	8.62E-01	1.14E-01	1.02E+00	1.29E-01	1.93E-01	2.47E-02	1.03E+00	1.20E-01	4.10E-01	5.59E-02	2.13E-03	2.52E-04	5.56E-10	6.60E-11
1.57E+00	1.57E-01	2.79E+00	2.83E-01	9.47E-01	8.96E-02	1.03E+00	1.03E-01	1.88E-01	1.90E-02	1.12E+00	1.04E-01	4.48E-01	5.20E-02	2.02E-03	2.10E-04	5.28E-10	5.50E-11
1.46E+00	1.48E-01	2.09E+00	2.54E-01	7.55E-01	8.00E-02	7.00E-01	8.25E-02	1.24E-01	1.60E-02	1.03E+00	1.03E-01	4.34E-01	4.28E-02	1.42E-03	1.70E-04	3.72E-10	4.45E-11
1.27E+00	3.45E-01	2.16E+00	4.56E-01	7.49E-01	1.19E-01	1.21E+00	1.45E-01	1.80E-01	2.26E-02	7.94E-01	2.30E-01	4.55E-01	1.06E-01	2.92E-03	3.09E-04	7.56E-10	8.02E-11
1.25E+00	3.70E-01	2.26E+00	4.45E-01	7.05E-01	1.35E-01	1.09E+00	2.07E-01	1.81E-01	3.49E-02	8.07E-01	2.47E-01	4.44E-01	1.25E-01	2.53E-03	4.70E-04	6.58E-10	1.22E-10
1.46E+00	3.29E-01	2.41E+00	5.14E-01	9.27E-01	1.64E-01	1.02E+00	2.20E-01	2.01E-01	4.15E-02	1.01E+00	2.24E-01	4.78E-01	1.21E-01	2.29E-03	4.89E-04	5.95E-10	1.27E-10
1.34E+00	2.65E-01	1.87E+00	4.04E-01	9.95E-01	1.52E-01	7.82E-01	1.60E-01	1.59E-01	3.32E-02	9.27E-01	1.83E-01	4.93E-01	1.02E-01	1.70E-03	3.45E-04	4.42E-10	8.97E-11
1.41E+00	2.14E-01	2.17E+00	4.22E-01	8.51E-01	1.31E-01	1.07E+00	1.71E-01	1.35E-01	3.16E-02	9.55E-01	1.48E-01	4.31E-01	8.50E-02	2.59E-03	3.60E-04	6.72E-10	9.34E-11
1.26E+00	1.56E-01	2.05E+00	4.37E-01	6.35E-01	1.29E-01	1.16E+00	1.75E-01	1.45E-01	3.15E-02	8.73E-01	1.07E-01	4.27E-01	5.03E-02	2.81E-03	3.62E-04	7.31E-10	9.42E-11
1.09E+00	1.87E-01	1.55E+00	4.23E-01	7.14E-01	1.10E-01	7.66E-01	1.62E-01	1.06E-01	2.75E-02	6.91E-01	1.23E-01	4.10E-01	5.60E-02	1.83E-03	3.22E-04	4.76E-10	8.37E-11
1.39E+00	2.30E-01	2.73E+00	3.91E-01	9.35E-01	9.04E-02	8.53E-01	1.39E-01	1.74E-01	2.18E-02	9.51E-01	1.56E-01	4.43E-01	7.02E-02	1.49E-03	2.84E-04	3.90E-10	7.41E-11
1.28E+00	2.83E-01	2.69E+00	3.98E-01	5.22E-01	1.13E-01	1.08E+00	1.67E-01	1.58E-01	2.96E-02	8.72E-01	1.87E-01	4.25E-01	9.28E-02	2.10E-03	3.57E-04	5.49E-10	9.30E-11
1.24E+00	2.76E-01	1.53E+00	3.51E-01	4.69E-01	1.20E-01	7.31E-01	1.33E-01	9.79E-02	2.57E-02	7.59E-01	1.68E-01	4.39E-01	9.86E-02	1.35E-03	2.59E-04	3.53E-10	6.75E-11
1.18E+00	2.17E-01	1.18E+00	3.54E-01	4.41E-01	9.02E-02	4.63E-01	1.36E-01	8.36E-02	2.25E-02	7.63E-01	1.47E-01	4.12E-01	7.35E-02	1.05E-03	2.62E-04	2.74E-10	6.83E-11
1.57E+00	1.77E-01	1.45E+00	3.19E-01	5.15E-01	7.40E-02	6.18E-01	1.21E-01	1.20E-01	1.87E-02	8.94E-01	1.21E-01	4.99E-01	5.56E-02	1.37E-03	2.19E-04	3.60E-10	5.73E-11
1.11E+00	1.70E-01	1.38E+00	2.62E-01	5.37E-01	6.91E-02	6.72E-01	1.08E-01	1.10E-01	1.64E-02	6.46E-01	1.11E-01	3.92E-01	5.87E-02	1.55E-03	2.10E-04	4.05E-10	5.49E-11
1.12E+00	1.99E-01	1.55E+00	3.04E-01	6.17E-01	8.48E-02	6.10E-01	1.14E-01	1.32E-01	1.95E-02	6.91E-01	1.33E-01	3.90E-01	7.00E-02	1.32E-03	2.12E-04	3.46E-10	5.53E-11
1.52E+00	2.80E-01	1.78E+00	3.28E-01	6.61E-01	8.74E-02	8.14E-01	1.20E-01	1.23E-01	1.98E-02	9.21E-01	1.70E-01	5.28E-01	9.87E-02	1.70E-03	2.14E-04	4.44E-10	5.57E-11
1.67E+00	2.26E-01	1.98E+00	2.76E-01	6.90E-01	8.32E-02	8.36E-01	1.13E-01	1.66E-01	2.10E-02	1.04E+00	1.50E-01	5.59E-01	8.01E-02	1.85E-03	2.45E-04	4.85E-10	6.40E-11
1.48E+00	1.89E-01	2.76E+00	3.59E-01	8.54E-01	1.11E-01	1.43E+00	1.47E-01	2.16E-01	2.73E-02	9.89E-01	1.28E-01	5.55E-01	6.60E-02	3.34E-03	3.12E-04	8.74E-10	8.16E-11
1.65E+00	1.89E-01	2.69E+00	3.51E-01	1.25E+00	1.04E-01	1.13E+00	1.36E-01	2.34E-01	2.43E-02	1.10E+00	1.29E-01	6.24E-01	6.41E-02	2.69E-03	2.69E-04	7.05E-10	6.99E-11
1.83E+00	1.93E-01	2.46E+00	3.05E-01	7.98E-01	7.22E-02	1.09E+00	1.13E-01	2.02E-01	1.76E-02	1.23E+00	1.31E-01	6.64E-01	6.72E-02	2.46E-03	2.10E-04	6.42E-10	5.47E-11
1.76E+00	1.84E-01	1.69E+00	2.21E-01	8.28E-01	6.33E-02	5.74E-01	8.72E-02	1.27E-01	1.39E-02	1.17E+00	1.25E-01	6.58E-01	6.30E-02	9.71E-04	1.69E-04	2.51E-10	4.40E-11
9.17E-01	1.29E-01	1.29E+00	2.18E-01	4.65E-01	6.04E-02	5.12E-01	8.55E-02	9.62E-02	1.49E-02	6.30E-01	8.87E-02	3.43E-01	4.55E-02	1.03E-03	1.72E-04	2.69E-10	4.48E-11
7.71E-01	1.09E-01	1.22E+00	2.36E-01	3.15E-01	7.02E-02	4.79E-01	8.89E-02	8.47E-02	1.59E-02	5.19E-01	7.46E-02	2.71E-01	3.21E-02	1.20E-03	1.71E-04	2.83E-10	4.44E-11
1.22E+00	1.56E-01	1.44E+00	3.19E-01	4.46E-01	8.73E-02	6.37E-01	1.20E-01	1.15E-01	2.04E-02	6.84E-01	1.07E-01	3.73E-01	4.77E-02	1.56E-03	2.27E-04	3.74E-10	5.89E-11
1.22E+00	1.70E-01	1.57E+00	3.09E-01	5.75E-01	7.44E-02	6.48E-01	1.16E-01	1.28E-01	1.82E-02	7.35E-01	1.17E-01	4.00E-01	5.15E-02	1.54E-03	2.12E-04	3.72E-10	5.48E-11
1.23E+00	1.70E-01	1.31E+00	2.56E-01	6.08E-01	7.77E-02	4.73E-01	9.74E-02	1.10E-01	1.77E-02	8.33E-01	1.16E-01	4.57E-01	5.96E-02	1.05E-03	1.93E-04	2.52E-10	4.99E-11
1.15E+00	1.82E-01	1.19E+00	3.69E-01	4.57E-01	9.76E-02	4.60E-01	1.41E-01	7.81E-02	2.34E-02	7.75E-01	1.25E-01	4.55E-01	5.29E-02	9.05E-04	2.67E-04	2.35E-10	6.93E-11
6.92E-01	1.88E-01	1.17E+00	3.33E-01	3.64E-01	8.91E-02	4.59E-01	1.29E-01	8.53E-02	2.19E-02	4.35E-01	1.30E-01	2.34E-01	5.96E-02	9.37E-04	2.55E-04	2.44E-10	6.60E-11
1.00E+00	1.53E-01	1.26E+00	3.42E-01	3.69E-01	1.00E-01	4.84E-01	1.32E-01	8.72E-02	2.37E-02	5.98E-01	1.05E-01	3.26E-01	4.88E-02	9.67E-04	2.65E-04	2.52E-10	6.88E-11
6.29E-01	1.51E-01	1.26E+00	3.65E-01	4.63E-01	1.03E-01	4.79E-01	1.42E-01	9.99E-02	2.49E-02	4.34E-01	1.03E-01	2.23E-01	4.71E-02	1.06E-03	2.86E-04	2.67E-10	7.42E-11
7.41E-01	1.79E-01	1.52E+00	3.35E-01	4.86E-01	9.22E-02	7.03E-01	1.30E-01	1.23E-01	2.11E-02	4.66E-01	1.21E-01	2.57E-01	5.75E-02	1.63E-03	2.52E-04	4.19E-10	6.55E-11
8.13E-01	1.64E-01	1.92E+00	2.83E-01	7.99E-01	7.55E-02	7.55E-01	1.08E-01	1.56E-01	1.73E-02	5.12E-01	1.11E-01	2.79E-01	5.10E-02	1.61E-03	1.95E-04	4.12E-10	5.08E-11
8.22E-01	2.06E-01	2.34E+00	3.19E-01	8.80E-01	1.06E-01	8.89E-01	1.25E-01	1.73E-01	2.42E-02	5.61E-01	1.36E-01	2.79E-01	6.70E-02	1.94E-03	2.64E-04	4.94E-10	6.85E-11
1.33E+00	1.86E-01	2.33E+00	2.76E-01	8.14E-01	7.43E-02	9.78E-01	1.02E-01	1.94E-01	1.77E-02	9.94E-01	1.24E-01	4.15E-01	6.18E-02	2.19E-03	2.11E-04	5.67E-10	5.48E-11
2.78E+00	2.10E-01	2.12E+00	3.11E-01	7.65E-01	7.92E-02	8.35E-01	1.18E-01	1.71E-01	1.99E-02	1.88E+00	1.39E-01	1.04E+00	7.08E-02	1.83E-03	2.34E-04	4.72E-10	6.10E-11
3.56E+00	1.96E-01	1.87E+00	3.37E-01	6.92E-01	8.38E-02	8.82E-01	1.25E-01	1.55E-01	2.00E-02	2.26E+00	1.29E-01	1.35E+00	7.22E-02	1.91E-03	2.31E-04	5.01E-10	6.04E-11
2.21E+00	2.32E-01	2.18E+00	3.06E-01	8.00E-01	8.26E-02	8.60E-01	1.14E-01	1.78E-01	1.95E-02	1.44E+00	1.40E-01	8.72E-01	7.67E-02	1.86E-03	2.17E-04	4.86E-10	5.67E-11
1.06E+00	1.56E-01	1.80E+00	2.88E-01	5.77E-01	8.00E-02	9.33E-01	1.06E-01	1.23E-01	1.93E-02	7.11E-01	1.06E-01	4.09E-01	5.44E-02	2.03E-03	2.25E-04	5.32E-10	5.90E-11
1.19E+00	1.74E-01	1.82E+00	3.08E-01	5.98E-01	8.82E-02	1.03E+00	1.22E-01	1.46E-01	2.25E-02	7.78E-01	1.15E-01	4.35E-01	5.93E-02	2.17E-03	2.65E-04	5.67E-10	6.93E-11
1.28E+00	2.00E-01	2.10E+00	3.35E-01	8.00E-01	9.70E-02	8.56E-01	1.32E-01	1.66E-01	2.38E-02	9.20E-01	1.44E-01	5.35E-01	8.05E-02	1.82E-03	2.75E-04	4.76E-10	7.19E-11
1.30E+00	1.67E-01	1.95E+00	4.11E-01	7.49E-01	1.17E-01	7.59E-01	1.58E-01	1.56E-01	2.79E-02	8.79E-01	1.17E-01	4.28E-01	6.80E-02	1.63E-03	3.26E-04	4.23E-10	8.54E-11
1.25E+00	1.85E-01	2.47E+00	3.90E-01	7.68E-01	1.03E-01	1.07E+00	1.53E-01	1.97E-01	2.59E-02	8.28E-01	1.25E-01	3.93E-01	5.27E-02	2.38E-03	3.06E-04	6.23E-10	8.00E-11
1.25E+00	1.63E-01	2.27E+00	3.23E-01	6.76E-01	8.90E-02	1.04E+00	1.34E-01	1.80E-01	2.36E-02	8.46E-01	1.10E-01	4.20E-01	5.04E-02	2.34E-03	2.87E-04	6.12E-10	7.52E-11
1.03E+00	1.49E-01	2.13E+00	4.19E-01	5.91E-01	1.15E-01	8.19E-01	1.68E-01	1.42E-01	2.93E-02	6.82E-01	1.01E-01	3.55E-01	3.98E-02	1.74E-03	3.49E-04	4.54E-10	9.14E-11
1.22E+00	1.72E-01	1.80E+00	4.00E-01	5.08E-01	1.07E-01	8.45E-01	1.55E-01	1.39E-01	2.64E-02	8.09E-01	1.16E-01	4.27E-01	4.58E-02	1.94E-03	3.07E-04	5.08E-10	8.02E-11
1.04E+00	1.59E-01	2.39E+00	3.38E-01	7.44E-01	9.61E-02	9.98E-01	1.25E-01	1.87E-01	2.21E-02	6.95E-01	1.08E-01	3.76E-01	4.55E-02	2.19E-03	2.42E-04	5.73E-10	6.33E-11
9.95E-01	1.74E-01	2.45E+00	3.22E-01	9.31E-01	9.19E-02	9.76E-01	1.23E-01	1.87E-01	2.14E-02	7.43E-01	1.19E-01	4.28E-01	5.08E-02	2.06E-03	2.54E-04	5.39E-10	6.63E-11
1.18E+00	1.75E-01	2.27E+00	2.92E-01	8.17E-01	8.72E-02	9.52E-01	1.11E-01	1.39E-01	2.10E-02	8.12E-01	1.20E-01	4.70E-01	5.42E-02	1.91E-03	2.43E-04	4.99E-10	6.37E-11
1.15E+00	1.64E-01	1.87E+00	3.34E-01	6.23E-01	1.01E-01	7.73E-01	1.38E-01	1.40E-01	2.53E-02	7.92E-01	1.11E-01	4.20E-01	5.31E-02	1.70E-03	2.96E-04	4.44E-10	7.74E-11
1.02E+00	1.42E-01	1.95E+00	3.53E-01	6.08E-01	1.12E-01	7.65E-01	1.39E-01	1.49E-01	2.61E-02	7.22E-01	9.59E-02	3.20E-01	4.69E-02	1.70E-03	2.87E-04	4.44E-10	7.51E-11

Scenario 1 Results

1.09E+00	1.60E-01	2.07E+00	3.18E-01	6.66E-01	1.04E-01	8.17E-01	1.18E-01	1.57E-01	2.26E-02	7.63E-01	1.06E-01	3.27E-01	4.91E-02	1.74E-03	2.32E-04	4.54E-10	6.07E-11
1.19E+00	1.38E-01	2.18E+00	2.28E-01	6.76E-01	7.32E-02	8.13E-01	8.70E-02	1.53E-01	1.62E-02	8.46E-01	9.15E-02	3.50E-01	4.54E-02	1.64E-03	1.89E-04	4.30E-10	4.95E-11
1.20E+00	3.67E-01	2.73E+00	5.16E-01	7.99E-01	1.59E-01	1.32E+00	2.42E-01	2.19E-01	4.07E-02	8.18E-01	2.46E-01	4.28E-01	1.24E-01	3.05E-03	5.52E-04	7.92E-10	1.44E-10
1.46E+00	3.33E-01	2.67E+00	5.60E-01	1.02E+00	1.77E-01	1.13E+00	2.42E-01	2.22E-01	4.53E-02	1.02E+00	2.27E-01	4.91E-01	1.22E-01	2.53E-03	5.38E-04	6.58E-10	1.40E-10
1.37E+00	2.83E-01	2.23E+00	4.66E-01	1.14E+00	1.73E-01	9.64E-01	1.86E-01	1.88E-01	3.85E-02	9.46E-01	1.95E-01	4.97E-01	1.09E-01	2.10E-03	4.04E-04	5.46E-10	1.05E-10
1.72E+00	2.56E-01	2.91E+00	4.89E-01	1.18E+00	1.54E-01	1.48E+00	2.01E-01	1.90E-01	3.75E-02	1.16E+00	1.75E-01	5.07E-01	1.00E-01	3.59E-03	4.30E-04	9.32E-10	1.12E-10
1.71E+00	1.71E-01	3.10E+00	5.31E-01	9.81E-01	1.61E-01	1.76E+00	2.16E-01	2.16E-01	3.96E-02	1.17E+00	1.17E-01	5.56E-01	6.40E-02	4.27E-03	4.57E-04	1.11E-09	1.19E-10
1.31E+00	2.05E-01	1.89E+00	4.70E-01	8.19E-01	1.29E-01	1.06E+00	1.82E-01	1.39E-01	3.19E-02	8.58E-01	1.35E-01	4.67E-01	6.28E-02	2.56E-03	3.71E-04	6.64E-10	9.66E-11
1.40E+00	2.16E-01	2.87E+00	3.98E-01	1.07E+00	9.38E-02	8.67E-01	1.42E-01	1.90E-01	2.16E-02	9.66E-01	1.48E-01	4.60E-01	6.48E-02	1.73E-03	2.80E-04	4.51E-10	7.29E-11
1.36E+00	2.67E-01	2.89E+00	3.87E-01	6.62E-01	1.04E-01	1.10E+00	1.66E-01	1.75E-01	2.87E-02	9.26E-01	1.77E-01	4.04E-01	8.63E-02	2.13E-03	3.58E-04	5.56E-10	9.34E-11
1.20E+00	2.96E-01	1.98E+00	3.89E-01	5.46E-01	1.32E-01	9.10E-01	1.52E-01	1.15E-01	2.98E-02	7.73E-01	1.82E-01	4.22E-01	1.05E-01	1.75E-03	3.17E-04	4.56E-10	8.26E-11
1.25E+00	2.26E-01	1.13E+00	3.38E-01	4.58E-01	9.36E-02	4.44E-01	1.30E-01	8.31E-02	2.19E-02	7.19E-01	1.52E-01	4.37E-01	7.77E-02	9.75E-04	2.52E-04	2.54E-10	6.58E-11
1.18E+00	1.56E-01	1.22E+00	3.05E-01	4.18E-01	7.36E-02	5.25E-01	1.18E-01	1.01E-01	1.87E-02	7.33E-01	1.09E-01	4.24E-01	5.47E-02	1.17E-03	2.21E-04	3.07E-10	5.77E-11
1.33E+00	1.58E-01	1.17E+00	2.47E-01	5.27E-01	5.76E-02	5.48E-01	1.03E-01	1.02E-01	1.60E-02	6.90E-01	1.05E-01	4.11E-01	5.15E-02	1.28E-03	2.05E-04	3.34E-10	5.35E-11
9.31E-01	1.45E-01	1.41E+00	2.62E-01	4.68E-01	7.30E-02	6.04E-01	9.92E-02	1.17E-01	1.69E-02	5.64E-01	9.54E-02	3.12E-01	5.05E-02	1.35E-03	1.85E-04	3.52E-10	4.83E-11
1.20E+00	2.31E-01	1.35E+00	2.99E-01	6.07E-01	8.27E-02	6.03E-01	1.11E-01	1.02E-01	1.88E-02	7.34E-01	1.46E-01	4.17E-01	8.12E-02	1.22E-03	2.04E-04	3.17E-10	5.31E-11
1.13E+00	1.80E-01	1.28E+00	2.71E-01	4.26E-01	6.78E-02	5.55E-01	9.70E-02	1.05E-01	1.54E-02	6.65E-01	1.19E-01	4.05E-01	6.57E-02	1.23E-03	1.66E-04	3.16E-10	4.33E-11
1.52E+00	1.65E-01	1.63E+00	2.82E-01	6.21E-01	8.80E-02	7.48E-01	1.18E-01	1.29E-01	2.20E-02	8.99E-01	1.11E-01	5.12E-01	5.81E-02	1.78E-03	2.55E-04	4.66E-10	6.66E-11
1.38E+00	1.61E-01	2.18E+00	2.95E-01	6.40E-01	8.54E-02	9.84E-01	1.14E-01	1.79E-01	2.07E-02	9.16E-01	1.07E-01	4.93E-01	5.75E-02	2.23E-03	2.34E-04	5.82E-10	6.11E-11
1.24E+00	1.64E-01	2.10E+00	3.13E-01	1.08E+00	8.70E-02	8.82E-01	1.19E-01	1.62E-01	2.03E-02	8.45E-01	1.12E-01	4.80E-01	5.34E-02	2.05E-03	2.26E-04	5.36E-10	5.86E-11
1.66E+00	1.91E-01	2.35E+00	2.68E-01	9.59E-01	7.48E-02	9.36E-01	9.98E-02	2.00E-01	1.55E-02	1.12E+00	1.30E-01	6.27E-01	6.42E-02	2.04E-03	1.87E-04	5.33E-10	4.88E-11
1.53E+00	1.69E-01	1.60E+00	2.03E-01	6.81E-01	5.56E-02	5.47E-01	7.91E-02	1.07E-01	1.35E-02	1.02E+00	1.15E-01	5.91E-01	5.87E-02	1.13E-03	1.58E-04	2.95E-10	4.07E-11
8.79E-01	1.10E-01	1.20E+00	2.00E-01	4.57E-01	6.09E-02	5.39E-01	8.19E-02	9.20E-02	1.51E-02	5.50E-01	7.61E-02	3.04E-01	3.90E-02	1.07E-03	1.73E-04	2.80E-10	4.52E-11
8.56E-01	1.15E-01	1.16E+00	2.51E-01	3.40E-01	7.38E-02	5.00E-01	9.48E-02	9.11E-02	1.68E-02	5.85E-01	7.89E-02	3.18E-01	3.69E-02	1.25E-03	1.83E-04	2.96E-10	4.76E-11
1.26E+00	1.56E-01	1.45E+00	3.15E-01	4.52E-01	8.46E-02	6.41E-01	1.18E-01	1.16E-01	1.99E-02	6.86E-01	1.07E-01	3.73E-01	5.19E-02	1.56E-03	2.24E-04	3.76E-10	5.79E-11
1.25E+00	1.59E-01	1.53E+00	2.86E-01	5.69E-01	6.81E-02	6.27E-01	1.07E-01	1.25E-01	1.67E-02	7.39E-01	1.10E-01	4.02E-01	5.34E-02	1.48E-03	1.95E-04	3.59E-10	5.05E-11
1.24E+00	1.74E-01	1.24E+00	2.59E-01	5.83E-01	7.79E-02	4.59E-01	9.88E-02	1.05E-01	1.79E-02	8.40E-01	1.19E-01	4.64E-01	6.19E-02	9.84E-04	1.96E-04	2.37E-10	5.07E-11
1.07E+00	1.74E-01	1.13E+00	3.53E-01	4.30E-01	9.30E-02	4.39E-01	1.35E-01	7.42E-02	2.24E-02	7.22E-01	1.19E-01	4.25E-01	5.01E-02	8.64E-04	2.56E-04	2.24E-10	6.64E-11
6.46E-01	1.81E-01	1.13E+00	3.13E-01	3.50E-01	8.38E-02	4.42E-01	1.22E-01	8.22E-02	2.06E-02	4.09E-01	1.25E-01	2.19E-01	5.70E-02	9.06E-04	2.40E-04	2.36E-10	6.21E-11
9.97E-01	1.48E-01	1.21E+00	3.28E-01	3.63E-01	9.66E-02	4.65E-01	1.27E-01	8.65E-02	2.28E-02	5.99E-01	9.99E-02	3.26E-01	4.97E-02	9.65E-04	2.56E-04	2.51E-10	6.63E-11
6.23E-01	1.39E-01	1.17E+00	3.47E-01	4.34E-01	9.87E-02	4.78E-01	1.35E-01	8.70E-02	2.39E-02	4.06E-01	9.67E-02	2.19E-01	4.21E-02	1.03E-03	2.73E-04	2.59E-10	7.08E-11
7.24E-01	1.71E-01	1.46E+00	3.25E-01	4.61E-01	8.83E-02	6.39E-01	1.26E-01	1.17E-01	2.09E-02	4.41E-01	1.15E-01	2.46E-01	5.46E-02	1.47E-03	2.48E-04	3.77E-10	6.43E-11
7.77E-01	1.56E-01	1.82E+00	2.82E-01	6.65E-01	6.43E-02	6.94E-01	1.09E-01	1.41E-01	1.62E-02	4.95E-01	1.06E-01	2.69E-01	4.79E-02	1.59E-03	1.99E-04	4.09E-10	5.18E-11
7.47E-01	1.87E-01	2.38E+00	3.20E-01	9.72E-01	1.06E-01	8.83E-01	1.28E-01	1.82E-01	2.48E-02	5.22E-01	1.25E-01	2.73E-01	6.05E-02	1.88E-03	2.74E-04	4.81E-10	7.12E-11
1.10E+00	2.08E-01	2.42E+00	2.88E-01	7.76E-01	8.16E-02	9.53E-01	1.07E-01	1.85E-01	1.88E-02	8.17E-01	1.36E-01	3.57E-01	6.80E-02	2.15E-03	2.07E-04	5.56E-10	5.37E-11
2.24E+00	1.94E-01	2.29E+00	2.83E-01	8.02E-01	7.54E-02	9.34E-01	1.10E-01	1.87E-01	1.91E-02	1.57E+00	1.30E-01	8.12E-01	6.36E-02	2.08E-03	2.26E-04	5.36E-10	5.89E-11
3.53E+00	2.14E-01	1.98E+00	3.31E-01	6.17E-01	8.25E-02	8.95E-01	1.24E-01	1.55E-01	2.00E-02	2.27E+00	1.41E-01	1.34E+00	7.43E-02	1.79E-03	2.31E-04	4.68E-10	6.01E-11
2.86E+00	2.30E-01	2.27E+00	3.02E-01	7.49E-01	8.31E-02	9.65E-01	1.10E-01	1.86E-01	1.94E-02	1.84E+00	1.40E-01	1.11E+00	7.50E-02	2.14E-03	2.16E-04	5.61E-10	5.65E-11
1.33E+00	1.86E-01	1.88E+00	2.73E-01	7.78E-01	7.49E-02	8.44E-01	9.79E-02	1.48E-01	1.76E-02	8.88E-01	1.16E-01	5.37E-01	6.56E-02	1.87E-03	2.04E-04	4.88E-10	5.34E-11
1.25E+00	1.58E-01	1.93E+00	2.91E-01	6.02E-01	8.88E-02	1.05E+00	1.21E-01	1.26E-01	2.27E-02	7.77E-01	1.03E-01	4.44E-01	4.84E-02	2.26E-03	2.67E-04	5.90E-10	6.99E-11
1.31E+00	1.81E-01	2.10E+00	3.13E-01	7.32E-01	9.53E-02	9.23E-01	1.31E-01	1.75E-01	2.39E-02	8.96E-01	1.36E-01	5.02E-01	7.31E-02	1.96E-03	2.78E-04	5.12E-10	7.26E-11
1.27E+00	1.77E-01	2.04E+00	3.75E-01	7.62E-01	1.08E-01	7.96E-01	1.46E-01	1.46E-01	2.62E-02	8.64E-01	1.31E-01	4.96E-01	7.42E-02	1.61E-03	2.99E-04	4.22E-10	7.82E-11
1.13E+00	1.74E-01	2.04E+00	3.93E-01	7.66E-01	1.08E-01	8.20E-01	1.57E-01	1.71E-01	2.71E-02	7.65E-01	1.18E-01	3.93E-01	5.25E-02	1.79E-03	3.21E-04	4.69E-10	8.40E-11
1.31E+00	1.72E-01	2.51E+00	3.48E-01	7.58E-01	8.86E-02	1.11E+00	1.35E-01	1.97E-01	2.24E-02	8.72E-01	1.17E-01	4.29E-01	5.12E-02	2.46E-03	2.65E-04	6.43E-10	6.94E-11
1.17E+00	1.40E-01	2.15E+00	3.60E-01	6.25E-01	9.90E-02	9.93E-01	1.48E-01	1.69E-01	2.60E-02	7.96E-01	9.48E-02	4.11E-01	4.41E-02	2.25E-03	3.16E-04	5.87E-10	8.26E-11
1.02E+00	1.54E-01	1.99E+00	4.10E-01	5.35E-01	1.11E-01	7.60E-01	1.63E-01	1.29E-01	2.82E-02	6.82E-01	1.04E-01	3.38E-01	3.85E-02	1.55E-03	3.35E-04	4.05E-10	8.76E-11
1.24E+00	1.65E-01	1.90E+00	3.66E-01	5.56E-01	9.62E-02	8.84E-01	1.41E-01	1.47E-01	2.37E-02	8.27E-01	1.11E-01	4.36E-01	4.52E-02	2.02E-03	2.75E-04	5.27E-10	7.19E-11
1.01E+00	1.53E-01	2.39E+00	3.22E-01	7.52E-01	8.91E-02	9.79E-01	1.19E-01	1.85E-01	2.06E-02	6.79E-01	1.05E-01	3.67E-01	4.23E-02	2.13E-03	2.31E-04	5.56E-10	6.05E-11
1.02E+00	1.66E-01	2.40E+00	3.02E-01	9.02E-01	8.72E-02	9.37E-01	1.16E-01	1.80E-01	2.01E-02	7.01E-01	1.14E-01	4.10E-01	4.90E-02	1.99E-03	2.41E-04	5.22E-10	6.28E-11
1.16E+00	1.64E-01	2.28E+00	2.74E-01	8.20E-01	8.43E-02	9.83E-01	1.11E-01	1.40E-01	2.05E-02	8.03E-01	1.12E-01	4.62E-01	5.07E-02	2.00E-03	2.37E-04	5.24E-10	6.21E-11
1.09E+00	1.47E-01	1.78E+00	2.99E-01	5.81E-01	9.03E-02	7.60E-01	1.24E-01	1.21E-01	2.27E-02	7.51E-01	9.97E-02	4.35E-01	4.74E-02	1.47E-03	2.66E-04	3.84E-10	6.95E-11
9.61E-01	1.25E-01	1.87E+00	3.15E-01	5.26E-01	9.93E-02	6.70E-01	1.24E-01	1.29E-01	2.33E-02	6.96E-01	8.48E-02	3.45E-01	4.18E-02	1.49E-03	2.57E-04	3.90E-10	6.72E-11
1.04E+00	1.50E-01	2.00E+00	3.14E-01	5.91E-01	1.03E-01	7.48E-01	1.18E-01	1.43E-01	2.25E-02	7.50E-01	9.95E-02	3.18E-01	4.60E-02	1.62E-03	2.33E-04	4.24E-10	6.10E-11
1.11E+01	8.01E-01	1.44E+01	1.15E+00	5.01E+00	3.37E-01	4.09E+00	4.18E-01	7.89E-01	6.73E-02	7.16E+00	5.18E-01	3.11E+00	2.29E-01	5.04E-03	6.94E-04	1.32E-09	1.82E-10
1.06E+01	8.08E-01	1.57E+01	1.24E+00	5.26E+00	3.53E-01	5.03E+00	4.66E-01	9.41E-01	7.30E-02	6.75E+00	5.19E-01	2.87E+00	2.47E-01	7.57E-03	7.85E-04	1.98E-09	2.06E-10
8.71E+00	8.13E-01	1.49E+01	1.27E+00	4.18E+00	3.11E-01	5.65E+00	4.96E-01	9.38E-01	7.54E-02	5.47E+00	5.57E-01	2.39E+00	2.83E-01	9.87E-03	8.51E-04	2.59E-09	2.23E-10
5.98E+00	9.23E-01	1.19E+01	1.23E+00	2.37E+00	2.88E-01	5.39E+00	4.98E-01	7.69E-01	7.41E-02	3.65E+00	6.20E-01	1.71E+00	3.17E-01	1.05E-02	8.76E-04	2.74E-09	2.30E-10
4.62E+00	1.03E+00	8.23E+00	1.13E+00	2.34E+00	2.56E-01	4.08E+00	4.73E-01	5.74E-01	6.96E-02	3.17E+00	7.03E-01	1.56E+00	3.50E-01	8.39E-03	8.53E-04	2.20E-09	2.24E-10
5.80E+00	1.13E+00	8.22E+00	1.17E+00	2.23E+00	2.95E-01	3.28E+00	4.28E-01	5.66E-01	6.29E-02	3.83E+00	7.57E-01	1.89E+00	3.78E-01	6.62E-03	7.91E-04	1.73E-09	2.08E-10
5.61E+00	1.10E+00	7.76E+00	1.16E+00	2.37E+00	3.27E-01	3.14E+00	3.86E-01	5.15E-01	5.63E-02	3.63E+00	7.42E-01	1.96E+00	3.67E-01	6.24E-03	7.02E-04	1.64E-09	1.84E-10
6.14E+00	9.89E-01	9.13E+00	1.10E+00	2.60E+00	3.26E-01	3.05E+00	3.60E-01	5.21E-01	5.63E-02	4.27E+00	6.75E-01	2.17E+00	3.28E-01	5.40E-03	5.99E-04	1.41E-09	1.57E-10
6.55E+00	8.47E-01	9.86E+00	1.03E+00	2.60E+00	2.92E-01	3.44E+00	3.43E-01	5.52E-01	5.38E-02	4.37E+00	5.95E-01	2.41E+00	2.86E-01	5.66E-03	5.49E-04	1.46E-09	1.44E-10
7.78E+00	7.45E-01	9.67E+00	9.94E-01	2.35E+00	2.53E-01	3.51E+00	3.49E-01	5.29E-01	5.27E-02	4.81E+00	5.37E-01	2.73E+00	2.59E-01	5.74E-03	5.63E-04	1.49E-09	1.48E-10
7.00E+00	6.51E-01	9.44E+00	9.87E-01	2.60E+00	3.00E-01	3.18E+00	3.60E-01	4.99E-01	5.82E-02	4.78E+00	4.75E-01	2.25E+00	2.31E-01	5.19E-03	5.90E-04	1.35E-09	1.55E-10
7.63E+00	7.43E-01	9.98E+00	1.15E+00	3.43E+00	3.33E-01	3.73E+00	4.09E-01	6.93E-01	6.87E-02	4.76E+00	5.09E-01	2.46E+00	2.28E-01	6.55E-03	6.66E-04	1.72E-09	1.75E-10
5.69E+00	7.63E-01	1.27E+01	1.25E+00	4.04E+00	3.50E-01	4.69E+00	4.61E-01	8.77E-01	7.64E-02	3.89E+00	5.18E-01	1.61E+00	2.31E-01	8.96E-03	7.85E-04	2.35E-09	2.06E-10
6.51E+00	7.63E-01	1.47E+01	1.30E+00	4.23E+00	3.53E-01	5.69E+00	4.90E-01	9.99E-01	8.01E-02	4.40E+00	5.14E-01	1.83E+00	2.29E-01	1.11E-02	8.55E-04	2.90E-09	2.24E-10
6.66E+00	7.43E-01	1.53E+01	1.29E+00	3.90E+00	3.36E-01	6.20E+00	5.00E-01	1.02E+00	8.00E-02	4.44E+00	4.98E-01	2.37E+00	2.24E-01	1.23E-02	8.89E-04	3.21E-09	2.33E-10
7.68E+00	6.90E-01	1.41E+01	1.23E+00	3.14E+00	3.04E-01	5.99E+00	4.90E-01	9.30E-01	7.65E-02	5.11E+00	4.59E-01	2.84E+00	2.18E-01	1.21E-02	8.88E-04	3.16E-09	2.33E-10
8.45E+00	6.98E-01	1.14E+01	1.14E+00	2.89E+00	2.65E-01	5.10E+00	4.64E-01	7.51E-01	6.99E-02	5.67E+00	4.72E-01	3.14E+00	2.50E-01	1.05E-02	8.42E-04	2.74E-09	2.21E-10
8.39E+00	7.64E-01	9.52E+00	9.87E-01	3.02E+00	2.20E-01	3.80E+00	4.12E-01	6.26E-01	6.03E-02	5.73E+00	5.18E-01	3.14E+00	2.71E-01	8.00E-03	7.58E-04	2.10E-09	1.99E-10
7.51E+00	7.61E-01	1.01E+01	8.44E-01	2.76E+00	2.05E-01	3.94E+00	3.56E-01	6.68E-01	5.59E-02	5.21E+00	5.18E-01	2.84E+00	2.66E-01	7.52E-03	6.97E-04	1.97E-09	1.82E-10
6.11E+00	7.03E-01	9.56E+00	7.93E-01	2.21E+00	1.94E-01	4.00E+00	3.38E-01	6.33E-01	5.24E-02	4.26E+00	4.77E-01	2.31E+00	2.38E-01	8.04E-03	6.67E-04	2.11E-09	1.75E-10
4.58E+00	6.18E-01	8.75E+00	7.84E-01	2.43E+00	2.18E-01	3.55E+00	3.15E-01	5.85E-01	4.82E-02	3.17E+00	4.20E-01	1.82E+00	2.00E-01	7.44E-03	6.25E-04	1.95E-09	1.63E-10
4.76E+00	5.88E-01	1.01E+01	8.79E-01	2.71E+00	2.47E-01	4.03E+00	2.93E-01	6.67E-01	5.03E-02	4.03E+00	4.08E-01	2.42E+00	2.28E-01	7.80E-03	5.76E-04	2.03E-09	1.50E-10
5.15E+00	6.52E-01	1.10E+01	1.05E+00	3.04E+00	2.92E-01	4.46E+00	3.54E-01	7.27E-01	5.99E-02	4.71E+00	4.45E-01	2.81E+00	2.22E-01	8.71E-03	5.79E-04	2.26E-09	1.52E-10
5.27E+00	7.75E-01	1.15E+01	1.22E+00	3.15E+00	3.34E-01	4.70E+00	4.12E-01	7.59E-01	6.88E-02	4.84E+00	5.24E-01	2.86E+00	2.33E-01	9.25E-03	6.68E-04	2.40E-09	1.75E-10
5.13E+00	7.84E-01	1.16E+01	1.31E+00	3.03E+00	3.42E-01	4.74E+00	4.58E-01	7.66E-01	7.50E-02	4.47E+00	5.26E-01	2.61E+00	2.32E-01	9.42E-03	7.77E-04	2.45E-09	2.04E-10
5.11E+00	6.83E-01	1.12E+01	1.30E+00	2.83E+00	3.16E-01	4.60E+00	4.85E-01	7.52E-01	7.77E-02	3.81E+00	4.57E-01	2.20E+00	1.97E-01	9.23E-03	8.90E-04	2.40E-09	2.33E-10
5.01E+00	5.28E-01	1.06E+01	1.18E+00	2.74E+00	2.65E-01	4.31E+00	4.74E-01	7.18E-01	7.43E-02	3.18E+00	3.51E-01	1.76E+00	1.63E-01	8.72E-03	9.32E-04	2.26E-09	2.45E-10
4.29E+00	6.54E-01	9.76E+00	1.02E+00	2.63E+00	2.67E-01	3.93E+00	4.35E-01	6.72E-01	6.67E-02	2.75E+00	4.38E-01	1.48E+00	2.02E-01	8.01E-03	8.93E-04	2.09E-09	2.34E-10
4.52E+00	7.79E-01	8.81E+00	1.07E+00	2.48E+00	3.26E-01	3.51E+00	3.73E-01	6.16E-01	5.92E-02	2.78E+00	5.21E-01	1.49E+00	2.35E-01	7.22E-03	7.75E-04	1.89E-09	2.03E-10
3.86E+00	8.41E-01	7.76E+00	1.24E+00	2.25E+00	3.63E-01	3.07E+00	4.10E-01	5.49E-01	7.00E-02	2.51E+00	5.62E-01	1.42E+00	2.51E-01	6.34E-03	6.30E-04	1.64E-09	1.65E-10
4.36E+00	8.81E-01	6.70E+00	1.39E+00	1.95E+00	4.21E-01	2.66E+00	4.73E-01	4.77E-01	8.29E-02	2.86E+00	5.89E-01	1.54E+00	2.61E-01	5.53E-03	7.68E-04	1.43E-09	2.02E-10
1.02E+01	7.07E-01	1.12E+01	1.10E+00	3.72E+00	3.13E-01	2.87E+00	3.83E-01	5.23E-01	6.51E-02	6.71E+00	4.60E-01	3.06E+00	2.21E-01	3.69E-03	6.37E-04	9.69E-10	1.67E-10
1.14E+01	8.11E-01	1.39E+01	1.27E+00	4.70E+00	3.47E-01	3.95E+00	4.58E-01	7.31E-01	7.53E-02	7.35E+00	5.26E-01	3.28E+00	2.38E-01	4.56E-03	7.70E-04	1.20E-09	2.02E-10
1.11E+01	8.55E-01	1.49E+01	1.37E+00	4.48E+00	3.53E-01	4.99E+00	5.17E-01	8.37E-01	8.13E-02	7.05E+00	5.59E-01	3.20E+00	2.56E-01	7.18E-03	8.79E-04	1.88E-09	2.31E-10
9.16E+00	8.71E-01	1.37E+01	1.39E+00	3.20E+00	3.37E-01	5.47E+00	5.47E-01	7.98E-01	8.28E-02	5.66E+00	5.72E-01	2.70E+00	2.90E-01	9.21E-03	9.43E-04	2.42E-09	2.48E-10
6.15E+00	9.57E-01	1.02E+01	1.33E+00	2.59E+00	3.07E-01	4.87E+00	5.40E-01	6.19E-01	7.96E-02	3.67E+00	6.44E-01	1.91E+00	3.29E-01	9.09E-03	9.47E-04	2.38E-09	2.48E-10
4.67E+00	1.06E+00	9.19E+00	1.21E+00	2.59E+00	2.71E-01	3.59E+00	5.05E-01	6.42E-01	7.36E-02	3.27E+00	7.25E-01	1.59E+00	3.62E-01	7.38E-03	9.03E-04	1.93E-09	2.37E-10
5.66E+00	1.14E+00	8.84E+00	1.16E+00	2.37E+00	3.06E-01	3.58E+00	4.53E-01	6.08E-01	6.60E-02	3.77E+00	7.69E-01	1.87E+00	3.85E-01	7.26E-03	8.29E-04	1.90E-09	2.17E-10
5.80E+00	1.09E+00	9.15E+00	1.14E+00	2.74E+00	3.25E-01	3.27E+00	3.92E-01	5.31E-01	5.69E-02	3.83E+00	7.39E-01	2.13E+00	3.66E-01	6.47E-03	7.31E-04	1.70E-09	1.92E-10
6.55E+00	9.45E-01	1.04E+01	1.07E+00	2.87E+00	3.04E-01	3.55E+00	3.57E-01	5.92E-01	5.46E-02	4.49E+00	6.53E-01	2.17E+00	3.19E-01	5.98E-03	6.16E-04	1.56E-09	1.62E-10
7.18E+00	8.02E-01	1.07E+01	1.02E+00	2.68E+00	2.66E-01	3.81E+00	3.47E-01	5.90E-01	5.25E-02	4.80E+00	5.75E-01	2.59E+00	2.78E-01	6.23E-03	5.54E-04	1.62E-09	1.45E-10
6.98E+00	6.98E-01	9.74E+00	9.75E-01	2.34E+00	3.00E-01	3.61E+00	3.53E-01	5.18E-01	5.66E-02	4.59E+00	5.13E-01	2.44E+00	2.50E-01	5.79E-03	5.52E-04	1.51E-09	1.45E-10

Scenario 1 Results

7.62E+00	7.52E-01	9.15E+00	1.16E+00	3.30E+00	3.43E-01	3.48E+00	4.01E-01	6.38E-01	6.87E-02	4.85E+00	5.22E-01	2.48E+00	2.32E-01	5.71E-03	6.44E-04	1.50E-09	1.69E-10
5.59E+00	8.03E-01	1.23E+01	1.29E+00	4.09E+00	3.65E-01	4.41E+00	4.69E-01	8.52E-01	7.81E-02	3.80E+00	5.48E-01	1.83E+00	2.45E-01	8.35E-03	7.86E-04	2.19E-09	2.06E-10
6.54E+00	8.11E-01	1.48E+01	1.36E+00	4.43E+00	3.72E-01	5.62E+00	5.10E-01	1.01E+00	8.35E-02	4.45E+00	5.48E-01	1.88E+00	2.45E-01	1.09E-02	8.81E-04	2.85E-09	2.31E-10
6.82E+00	8.05E-01	1.58E+01	1.36E+00	4.14E+00	3.56E-01	6.34E+00	5.29E-01	1.06E+00	8.41E-02	4.58E+00	5.39E-01	2.52E+00	2.44E-01	1.25E-02	9.30E-04	3.28E-09	2.44E-10
8.53E+00	7.54E-01	1.48E+01	1.31E+00	3.33E+00	3.22E-01	6.26E+00	5.23E-01	9.79E-01	8.09E-02	5.64E+00	5.00E-01	3.15E+00	2.29E-01	1.26E-02	9.39E-04	3.31E-09	2.46E-10
9.64E+00	7.09E-01	1.20E+01	1.21E+00	2.92E+00	2.78E-01	5.36E+00	4.96E-01	7.89E-01	7.39E-02	6.44E+00	4.76E-01	3.57E+00	2.50E-01	1.11E-02	8.94E-04	2.90E-09	2.35E-10
9.60E+00	7.51E-01	9.46E+00	1.04E+00	3.06E+00	2.34E-01	3.95E+00	4.37E-01	6.17E-01	6.29E-02	6.54E+00	5.18E-01	3.59E+00	2.68E-01	8.38E-03	8.00E-04	2.20E-09	2.10E-10
8.42E+00	7.43E-01	1.01E+01	8.68E-01	2.77E+00	2.16E-01	3.91E+00	3.66E-01	6.63E-01	5.67E-02	5.85E+00	5.13E-01	3.18E+00	2.60E-01	7.41E-03	7.10E-04	1.94E-09	1.86E-10
6.64E+00	6.85E-01	9.46E+00	8.12E-01	2.32E+00	1.92E-01	3.97E+00	3.46E-01	6.24E-01	5.29E-02	4.64E+00	4.70E-01	2.50E+00	2.30E-01	7.97E-03	6.78E-04	2.09E-09	1.77E-10
4.82E+00	6.09E-01	9.48E+00	7.78E-01	2.66E+00	2.25E-01	3.72E+00	3.20E-01	6.34E-01	4.84E-02	3.50E+00	4.15E-01	2.11E+00	1.97E-01	7.25E-03	6.33E-04	1.90E-09	1.66E-10
5.12E+00	5.93E-01	1.09E+01	9.25E-01	2.95E+00	2.68E-01	4.34E+00	3.18E-01	7.20E-01	5.26E-02	4.81E+00	4.54E-01	2.89E+00	2.27E-01	8.41E-03	5.80E-04	2.19E-09	1.52E-10
5.44E+00	7.34E-01	1.18E+01	1.13E+00	3.26E+00	3.21E-01	4.77E+00	3.76E-01	7.77E-01	6.39E-02	5.60E+00	5.07E-01	3.34E+00	2.54E-01	9.33E-03	5.99E-04	2.43E-09	1.57E-10
5.44E+00	8.23E-01	1.21E+01	1.31E+00	3.30E+00	3.51E-01	4.96E+00	4.44E-01	8.01E-01	7.34E-02	5.59E+00	5.55E-01	3.30E+00	2.54E-01	9.80E-03	7.25E-04	2.55E-09	1.90E-10
5.17E+00	7.58E-01	1.19E+01	1.34E+00	3.07E+00	3.36E-01	4.90E+00	4.84E-01	7.95E-01	7.81E-02	4.90E+00	5.09E-01	2.86E+00	2.31E-01	9.81E-03	8.54E-04	2.55E-09	2.24E-10
5.06E+00	6.09E-01	1.14E+01	1.27E+00	2.87E+00	2.89E-01	4.65E+00	4.92E-01	7.65E-01	7.73E-02	3.90E+00	4.11E-01	2.24E+00	1.96E-01	9.39E-03	9.40E-04	2.44E-09	2.47E-10
4.18E+00	6.26E-01	1.05E+01	1.11E+00	2.75E+00	2.50E-01	4.27E+00	4.61E-01	7.18E-01	7.07E-02	2.94E+00	4.20E-01	1.67E+00	1.95E-01	8.69E-03	9.32E-04	2.26E-09	2.45E-10
4.57E+00	7.89E-01	9.45E+00	1.04E+00	2.58E+00	3.21E-01	3.81E+00	4.08E-01	6.57E-01	6.11E-02	2.78E+00	5.28E-01	1.53E+00	2.41E-01	7.96E-03	8.43E-04	2.08E-09	2.21E-10
4.07E+00	8.79E-01	8.28E+00	1.26E+00	2.32E+00	3.74E-01	3.32E+00	4.11E-01	5.83E-01	7.04E-02	2.62E+00	5.89E-01	1.43E+00	2.65E-01	6.99E-03	6.97E-04	1.83E-09	1.83E-10
4.50E+00	9.17E-01	7.10E+00	1.42E+00	2.02E+00	4.29E-01	2.84E+00	4.77E-01	5.05E-01	8.38E-02	2.92E+00	6.13E-01	1.59E+00	2.74E-01	5.93E-03	7.62E-04	1.54E-09	2.00E-10
4.27E+00	9.56E-01	6.79E+00	1.60E+00	2.21E+00	4.52E-01	2.72E+00	5.47E-01	4.68E-01	9.45E-02	2.80E+00	6.37E-01	1.44E+00	2.85E-01	5.44E-03	9.30E-04	1.43E-09	2.44E-10
7.25E+00	7.17E-01	6.92E+00	1.18E+00	2.05E+00	3.44E-01	1.71E+00	4.24E-01	3.25E-01	7.39E-02	5.19E+00	4.68E-01	2.51E+00	2.30E-01	3.18E-03	7.46E-04	8.34E-10	1.96E-10
9.54E+00	7.38E-01	1.00E+01	1.19E+00	3.19E+00	3.44E-01	2.63E+00	4.09E-01	4.49E-01	7.12E-02	6.42E+00	4.78E-01	3.01E+00	2.31E-01	3.97E-03	6.94E-04	1.04E-09	1.82E-10
1.14E+01	8.29E-01	1.29E+01	1.37E+00	3.97E+00	3.77E-01	3.81E+00	4.94E-01	6.35E-01	8.20E-02	7.37E+00	5.53E-01	3.43E+00	2.45E-01	4.64E-03	8.41E-04	1.22E-09	2.21E-10
1.14E+01	9.23E-01	1.39E+01	1.48E+00	3.65E+00	3.84E-01	4.87E+00	5.57E-01	7.25E-01	8.80E-02	7.16E+00	6.02E-01	3.43E+00	2.75E-01	6.73E-03	9.49E-04	1.77E-09	2.49E-10
9.54E+00	9.59E-01	1.23E+01	1.51E+00	2.72E+00	3.67E-01	5.24E+00	5.90E-01	6.54E-01	8.92E-02	5.78E+00	6.14E-01	2.98E+00	2.95E-01	8.44E-03	1.01E-03	2.21E-09	2.65E-10
6.37E+00	9.65E-01	9.82E+00	1.45E+00	2.85E+00	3.34E-01	4.29E+00	5.87E-01	6.94E-01	8.63E-02	3.73E+00	6.52E-01	2.08E+00	3.32E-01	7.87E-03	1.02E-03	2.06E-09	2.68E-10
4.63E+00	1.08E+00	9.92E+00	1.32E+00	2.74E+00	2.93E-01	3.93E+00	5.51E-01	6.93E-01	7.99E-02	3.29E+00	7.42E-01	1.61E+00	3.71E-01	8.09E-03	9.83E-04	2.12E-09	2.58E-10
5.39E+00	1.14E+00	9.18E+00	1.16E+00	2.77E+00	3.11E-01	3.77E+00	4.89E-01	6.28E-01	7.07E-02	3.59E+00	7.70E-01	1.82E+00	3.86E-01	7.57E-03	8.97E-04	1.99E-09	2.35E-10
6.41E+00	1.05E+00	1.05E+01	1.12E+00	3.05E+00	3.10E-01	3.45E+00	4.14E-01	6.05E-01	5.92E-02	4.43E+00	7.13E-01	2.24E+00	3.54E-01	6.64E-03	7.75E-04	1.73E-09	2.03E-10
7.47E+00	8.81E-01	1.14E+01	1.04E+00	3.00E+00	2.75E-01	3.93E+00	3.54E-01	6.32E-01	5.26E-02	5.08E+00	6.20E-01	2.29E+00	3.04E-01	6.58E-03	6.30E-04	1.72E-09	1.65E-10
7.73E+00	7.46E-01	1.09E+01	9.89E-01	2.58E+00	2.94E-01	3.93E+00	3.46E-01	5.79E-01	5.41E-02	5.18E+00	5.47E-01	2.45E+00	2.67E-01	6.19E-03	5.42E-04	1.62E-09	1.42E-10
6.88E+00	7.39E-01	8.93E+00	1.15E+00	3.11E+00	3.48E-01	3.36E+00	3.85E-01	5.72E-01	6.77E-02	4.54E+00	5.21E-01	2.24E+00	2.35E-01	5.64E-03	6.12E-04	1.47E-09	1.61E-10
6.08E+00	8.48E-01	1.17E+01	1.33E+00	4.09E+00	3.80E-01	4.05E+00	4.71E-01	8.15E-01	7.90E-02	3.63E+00	5.82E-01	2.00E+00	2.61E-01	7.59E-03	7.72E-04	1.99E-09	2.03E-10
6.41E+00	8.71E-01	1.47E+01	1.42E+00	4.59E+00	3.93E-01	5.46E+00	5.25E-01	1.01E+00	8.63E-02	4.40E+00	5.91E-01	1.85E+00	2.65E-01	1.05E-02	8.93E-04	2.76E-09	2.34E-10
7.21E+00	8.80E-01	1.62E+01	1.45E+00	4.36E+00	3.81E-01	6.43E+00	5.55E-01	1.10E+00	8.83E-02	4.69E+00	5.91E-01	2.66E+00	2.69E-01	1.27E-02	9.60E-04	3.34E-09	2.52E-10
9.68E+00	8.40E-01	1.54E+01	1.40E+00	3.48E+00	3.47E-01	6.50E+00	5.56E-01	1.02E+00	8.56E-02	6.30E+00	5.59E-01	3.55E+00	2.58E-01	1.32E-02	9.80E-04	3.46E-09	2.57E-10
1.15E+01	7.84E-01	1.24E+01	1.30E+00	2.95E+00	2.94E-01	5.59E+00	5.29E-01	8.20E-01	7.79E-02	7.52E+00	5.09E-01	4.20E+00	2.67E-01	1.17E-02	9.39E-04	3.05E-09	2.46E-10
1.15E+01	7.92E-01	9.43E+00	1.10E+00	3.09E+00	2.41E-01	4.04E+00	4.63E-01	6.09E-01	6.56E-02	7.67E+00	5.45E-01	4.22E+00	2.82E-01	8.67E-03	8.40E-04	2.27E-09	2.20E-10
9.68E+00	7.55E-01	1.02E+01	9.09E-01	2.74E+00	2.21E-01	3.95E+00	3.73E-01	6.60E-01	5.69E-02	6.65E+00	5.24E-01	3.60E+00	2.63E-01	7.42E-03	7.16E-04	1.95E-09	1.87E-10
7.17E+00	6.77E-01	9.40E+00	8.37E-01	2.52E+00	1.98E-01	4.00E+00	3.50E-01	6.17E-01	5.27E-02	5.01E+00	4.68E-01	2.67E+00	2.27E-01	8.04E-03	6.80E-04	2.11E-09	1.78E-10
5.18E+00	5.93E-01	1.02E+01	8.01E-01	2.87E+00	2.43E-01	3.99E+00	3.21E-01	6.82E-01	4.79E-02	3.92E+00	4.12E-01	2.36E+00	2.03E-01	7.63E-03	6.31E-04	1.99E-09	1.65E-10
5.97E+00	6.75E-01	1.17E+01	1.01E+00	3.16E+00	3.03E-01	4.66E+00	3.55E-01	7.72E-01	5.73E-02	5.51E+00	5.14E-01	3.30E+00	2.58E-01	9.00E-03	5.75E-04	2.34E-09	1.50E-10
6.65E+00	8.25E-01	1.25E+01	1.25E+00	3.44E+00	3.57E-01	5.07E+00	4.14E-01	8.26E-01	7.03E-02	6.39E+00	5.68E-01	3.80E+00	2.86E-01	9.95E-03	6.52E-04	2.59E-09	1.70E-10
6.06E+00	8.43E-01	1.27E+01	1.39E+00	3.39E+00	3.63E-01	5.19E+00	4.83E-01	8.41E-01	7.90E-02	6.19E+00	5.68E-01	3.64E+00	2.77E-01	1.03E-02	8.12E-04	2.69E-09	2.13E-10
5.10E+00	7.09E-01	1.22E+01	1.37E+00	3.07E+00	3.21E-01	5.03E+00	5.13E-01	8.18E-01	8.12E-02	5.15E+00	4.94E-01	2.99E+00	2.41E-01	1.01E-02	9.49E-04	2.64E-09	2.49E-10
4.51E+00	5.80E-01	1.13E+01	1.21E+00	2.84E+00	2.57E-01	4.65E+00	4.94E-01	7.68E-01	7.58E-02	3.82E+00	4.11E-01	2.18E+00	1.94E-01	9.49E-03	9.80E-04	2.47E-09	2.57E-10
4.15E+00	7.58E-01	1.02E+01	1.02E+00	2.67E+00	3.02E-01	4.16E+00	4.42E-01	7.04E-01	6.60E-02	2.66E+00	5.10E-01	1.49E+00	2.35E-01	8.71E-03	9.09E-04	2.28E-09	2.39E-10
4.14E+00	8.93E-01	8.94E+00	1.23E+00	2.45E+00	3.84E-01	3.69E+00	3.98E-01	6.27E-01	6.94E-02	2.63E+00	5.98E-01	1.38E+00	2.72E-01	7.82E-03	7.71E-04	2.05E-09	2.02E-10
4.61E+00	9.93E-01	7.61E+00	1.49E+00	2.12E+00	4.53E-01	3.11E+00	4.93E-01	5.40E-01	8.64E-02	2.94E+00	6.63E-01	1.63E+00	2.92E-01	6.66E-03	7.62E-04	1.74E-09	2.00E-10
4.40E+00	1.02E+00	7.40E+00	1.69E+00	2.34E+00	4.76E-01	2.96E+00	5.74E-01	4.95E-01	9.87E-02	2.87E+00	6.79E-01	1.49E+00	3.05E-01	5.87E-03	9.63E-04	1.54E-09	2.53E-10
4.05E+00	1.05E+00	7.39E+00	1.74E+00	2.53E+00	4.43E-01	2.83E+00	6.14E-01	4.90E-01	1.02E-01	2.74E+00	6.99E-01	1.34E+00	3.13E-01	5.98E-03	1.10E-03	1.57E-09	2.89E-10
3.92E+00	7.95E-01	4.39E+00	1.44E+00	1.41E+00	4.34E-01	1.51E+00	5.02E-01	2.89E-01	8.99E-02	3.45E+00	5.44E-01	1.77E+00	2.27E-01	3.15E-03	8.76E-04	8.26E-10	2.30E-10
5.95E+00	7.19E-01	5.50E+00	1.29E+00	1.81E+00	3.83E-01	1.69E+00	4.55E-01	3.63E-01	8.04E-02	4.57E+00	4.88E-01	2.25E+00	2.31E-01	3.40E-03	7.94E-04	8.93E-10	2.08E-10
8.50E+00	7.66E-01	8.65E+00	1.25E+00	2.65E+00	3.69E-01	2.32E+00	4.25E-01	4.57E-01	7.56E-02	5.89E+00	4.96E-01	2.80E+00	2.42E-01	4.58E-03	7.27E-04	1.20E-09	1.91E-10
1.07E+01	8.81E-01	1.16E+01	1.48E+00	3.29E+00	4.17E-01	3.53E+00	5.22E-01	5.41E-01	8.86E-02	7.02E+00	5.90E-01	3.36E+00	2.57E-01	5.57E-03	8.87E-04	1.46E-09	2.33E-10
1.15E+01	1.01E+00	1.26E+01	1.64E+00	2.76E+00	4.32E-01	4.68E+00	6.07E-01	6.09E-01	9.73E-02	7.20E+00	6.64E-01	3.64E+00	3.00E-01	6.62E-03	1.03E-03	1.74E-09	2.71E-10
9.83E+00	1.06E+00	1.05E+01	1.69E+00	2.99E+00	4.10E-01	4.76E+00	6.57E-01	7.07E-01	9.98E-02	5.89E+00	6.79E-01	3.22E+00	3.16E-01	7.81E-03	1.13E-03	2.05E-09	2.97E-10
6.35E+00	9.88E-01	1.08E+01	1.61E+00	3.18E+00	3.65E-01	4.11E+00	6.54E-01	7.64E-01	9.61E-02	3.67E+00	6.51E-01	2.15E+00	3.26E-01	8.55E-03	1.15E-03	2.24E-09	3.03E-10
4.31E+00	1.06E+00	1.08E+01	1.44E+00	3.04E+00	3.09E-01	4.28E+00	6.04E-01	7.59E-01	8.69E-02	3.12E+00	7.34E-01	1.54E+00	3.68E-01	8.75E-03	1.09E-03	2.29E-09	2.86E-10
5.94E+00	1.10E+00	1.02E+01	1.22E+00	3.19E+00	3.02E-01	4.04E+00	5.26E-01	6.64E-01	7.43E-02	4.18E+00	7.46E-01	1.79E+00	3.75E-01	8.09E-03	9.68E-04	2.12E-09	2.54E-10
7.45E+00	9.77E-01	1.18E+01	1.08E+00	3.35E+00	2.83E-01	3.87E+00	4.32E-01	6.65E-01	5.95E-02	5.17E+00	6.73E-01	2.25E+00	3.35E-01	7.30E-03	8.00E-04	1.91E-09	2.10E-10
8.18E+00	8.08E-01	1.20E+01	1.01E+00	3.02E+00	2.80E-01	4.14E+00	3.45E-01	6.43E-01	5.25E-02	5.58E+00	5.82E-01	2.57E+00	2.85E-01	6.99E-03	6.08E-04	1.83E-09	1.60E-10
7.80E+00	6.95E-01	1.03E+01	1.11E+00	2.77E+00	3.49E-01	3.75E+00	3.56E-01	5.48E-01	6.55E-02	5.20E+00	5.18E-01	2.52E+00	2.55E-01	6.29E-03	5.66E-04	1.64E-09	1.49E-10
6.21E+00	8.74E-01	1.06E+01	1.34E+00	3.87E+00	3.97E-01	3.54E+00	4.62E-01	7.41E-01	7.91E-02	4.05E+00	6.07E-01	2.06E+00	2.71E-01	6.54E-03	7.38E-04	1.72E-09	1.94E-10
6.10E+00	9.34E-01	1.40E+01	1.49E+00	4.51E+00	4.25E-01	5.10E+00	5.34E-01	9.69E-01	8.95E-02	4.20E+00	6.40E-01	1.79E+00	2.86E-01	9.79E-03	8.86E-04	2.57E-09	2.33E-10
7.70E+00	9.65E-01	1.60E+01	1.56E+00	4.35E+00	4.23E-01	6.28E+00	5.79E-01	1.08E+00	9.40E-02	4.92E+00	6.54E-01	2.82E+00	2.96E-01	1.24E-02	9.83E-04	3.25E-09	2.58E-10
1.14E+01	9.41E-01	1.54E+01	1.53E+00	3.45E+00	3.87E-01	6.51E+00	5.93E-01	1.02E+00	9.22E-02	7.24E+00	6.31E-01	4.14E+00	2.91E-01	1.32E-02	1.03E-03	3.46E-09	2.69E-10
1.42E+01	8.70E-01	1.23E+01	1.41E+00	3.04E+00	3.22E-01	5.60E+00	5.68E-01	8.14E-01	8.37E-02	9.07E+00	5.69E-01	5.14E+00	3.03E-01	1.17E-02	9.96E-04	3.07E-09	2.61E-10
1.42E+01	8.83E-01	9.45E+00	1.17E+00	3.19E+00	2.45E-01	3.95E+00	4.93E-01	6.04E-01	6.92E-02	9.24E+00	5.98E-01	5.14E+00	3.12E-01	8.55E-03	8.89E-04	2.24E-09	2.33E-10
1.14E+01	8.02E-01	1.02E+01	9.47E-01	2.73E+00	2.33E-01	3.95E+00	3.83E-01	6.55E-01	5.66E-02	7.64E+00	5.52E-01	4.15E+00	2.77E-01	7.33E-03	7.24E-04	1.92E-09	1.90E-10
7.76E+00	6.82E-01	9.21E+00	8.67E-01	2.74E+00	2.27E-01	3.96E+00	3.51E-01	6.11E-01	5.20E-02	5.35E+00	4.72E-01	2.84E+00	2.26E-01	8.00E-03	6.76E-04	2.10E-09	1.77E-10
6.57E+00	6.58E-01	1.10E+01	8.63E-01	3.08E+00	2.71E-01	4.32E+00	3.21E-01	7.32E-01	4.93E-02	4.35E+00	4.68E-01	2.60E+00	2.31E-01	8.20E-03	6.22E-04	2.14E-09	1.63E-10
7.55E+00	8.01E-01	1.24E+01	1.14E+00	3.31E+00	3.43E-01	4.99E+00	3.96E-01	8.20E-01	6.34E-02	6.11E+00	5.80E-01	3.65E+00	2.92E-01	9.61E-03	6.04E-04	2.51E-09	1.58E-10
8.05E+00	9.05E-01	1.31E+01	1.39E+00	3.49E+00	3.88E-01	5.34E+00	4.61E-01	8.66E-01	7.75E-02	6.88E+00	6.22E-01	4.08E+00	3.14E-01	1.05E-02	7.28E-04	2.73E-09	1.91E-10
6.89E+00	8.33E-01	1.30E+01	1.47E+00	3.36E+00	3.67E-01	5.36E+00	5.28E-01	8.69E-01	8.52E-02	6.36E+00	5.86E-01	3.72E+00	2.91E-01	1.07E-02	9.30E-04	2.79E-09	2.44E-10
4.94E+00	6.44E-01	1.23E+01	1.37E+00	3.04E+00	3.00E-01	5.07E+00	5.43E-01	8.30E-01	8.39E-02	5.00E+00	4.98E-01	2.88E+00	2.40E-01	1.03E-02	1.05E-03	2.69E-09	2.76E-10
4.19E+00	7.44E-01	1.11E+01	1.16E+00	2.78E+00	2.93E-01	4.56E+00	4.95E-01	7.58E-01	7.39E-02	3.46E+00	5.02E-01	1.96E+00	2.36E-01	9.41E-03	1.01E-03	2.45E-09	2.66E-10
3.76E+00	8.79E-01	9.64E+00	1.16E+00	2.49E+00	3.77E-01	4.06E+00	4.17E-01	6.69E-01	6.47E-02	2.61E+00	5.84E-01	1.27E+00	2.69E-01	8.57E-03	8.65E-04	2.25E-09	2.27E-10
4.40E+00	1.04E+00	8.32E+00	1.51E+00	2.35E+00	4.63E-01	3.50E+00	4.81E-01	5.75E-01	8.51E-02	2.82E+00	6.95E-01	1.56E+00	3.08E-01	7.48E-03	7.54E-04	1.96E-09	1.98E-10
4.40E+00	1.08E+00	8.23E+00	1.76E+00	2.42E+00	4.99E-01	3.27E+00	5.84E-01	5.51E-01	1.01E-01	2.86E+00	7.30E-01	1.49E+00	3.16E-01	6.47E-03	9.54E-04	1.69E-09	2.50E-10
4.39E+00	1.12E+00	7.85E+00	1.85E+00	2.72E+00	4.68E-01	3.14E+00	6.47E-01	5.18E-01	1.07E-01	2.99E+00	7.47E-01	1.38E+00	3.36E-01	6.43E-03	1.15E-03	1.69E-09	3.03E-10
5.15E+00	1.13E+00	8.63E+00	1.82E+00	2.83E+00	4.83E-01	3.06E+00	6.42E-01	5.78E-01	1.02E-01	3.44E+00	7.63E-01	1.51E+00	3.39E-01	6.32E-03	1.21E-03	1.66E-09	3.17E-10
4.91E+00	8.18E-01	4.66E+00	1.59E+00	1.65E+00	4.97E-01	1.51E+00	5.22E-01	3.25E-01	9.90E-02	2.92E+00	5.84E-01	1.79E+00	2.39E-01	2.98E-03	9.68E-04	7.82E-10	2.54E-10
4.40E+00	8.29E-01	4.61E+00	1.52E+00	1.56E+00	4.69E-01	1.54E+00	5.09E-01	3.15E-01	9.39E-02	2.60E+00	5.83E-01	1.57E+00	2.39E-01	3.16E-03	8.82E-04	8.28E-10	2.31E-10
4.48E+00	8.27E-01	5.63E+00	1.44E+00	2.15E+00	4.36E-01	1.85E+00	4.87E-01	4.16E-01	8.77E-02	3.70E+00	5.70E-01	1.83E+00	2.40E-01	3.71E-03	8.27E-04	9.74E-10	2.17E-10
7.00E+00	7.99E-01	7.29E+00	1.34E+00	2.49E+00	4.10E-01	2.55E+00	4.57E-01	5.26E-01	8.16E-02	5.07E+00	5.38E-01	2.44E+00	2.50E-01	5.21E-03	7.64E-04	1.37E-09	2.01E-10
9.49E+00	9.27E-01	9.71E+00	1.64E+00	2.48E+00	4.70E-01	3.08E+00	5.64E-01	5.56E-01	9.85E-02	6.37E+00	6.26E-01	3.13E+00	2.65E-01	6.20E-03	9.73E-04	1.63E-09	2.55E-10
1.05E+01	1.07E+00	1.02E+01	1.83E+00	3.00E+00	4.80E-01	3.98E+00	6.72E-01	6.76E-01	1.09E-01	6.64E+00	7.07E-01	3.50E+00	3.13E-01	7.16E-03	1.17E-03	1.88E-09	3.07E-10
8.97E+00	1.13E+00	1.13E+01	1.87E+00	3.56E+00	4.45E-01	4.15E+00	7.32E-01	8.12E-01	1.11E-01	5.40E+00	7.26E-01	3.09E+00	3.35E-01	8.69E-03	1.29E-03	2.28E-09	3.38E-10
5.85E+00	1.07E+00	1.24E+01	1.76E+00	3.74E+00	3.84E-01	4.73E+00	7.22E-01	8.88E-01	1.04E-01	3.38E+00	6.81E-01	2.04E+00	3.24E-01	9.85E-03	1.28E-03	2.58E-09	3.37E-10
5.10E+00	1.05E+00	1.20E+01	1.53E+00	3.27E+00	3.15E-01	4.82E+00	6.52E-01	8.43E-01	9.13E-02	3.67E+00	7.25E-01	1.50E+00	3.64E-01	9.95E-03	1.17E-03	2.61E-09	3.06E-10
6.84E+00	1.04E+00	1.16E+01	1.25E+00	3.57E+00	2.88E-01	4.20E+00	5.44E-01	6.72E-01	7.43E-02	4.85E+00	7.07E-01	1.99E+00	3.55E-01	8.46E-03	9.74E-04	2.22E-09	2.56E-10
8.24E+00	8.87E-01	1.26E+01	1.04E+00	3.38E+00	2.67E-01	4.11E+00	4.23E-01	6.80E-01	5.61E-02	5.70E+00	6.23E-01	2.53E+00	3.07E-01	7.77E-03	7.52E-04	2.03E-09	1.97E-10
8.73E+00	7.59E-01	1.15E+01	1.04E+00	2.64E+00	3.43E-01	3.98E+00	3.46E-01	5.89E-01	6.22E-02	5.87E+00	5.60E-01	2.81E+00	2.74E-01	7.34E-03	5.43E-04	1.92E-09	1.42E-10
7.66E+00	8.51E-01	8.98E+00	1.33E+00	3.46E+00	4.13E-01	3.33E+00	4.35E-01	6.32E-01	7.84E-02	5.00E+00	6.06E-01	2.55E+00	2.64E-01	6.43E-03	6.87E-04	1.68E-09	1.80E-10

Scenario 1 Results

5.61E+00	9.80E-01	1.26E+01	1.55E+00	4.28E+00	4.63E-01	4.46E+00	5.33E-01	8.78E-01	9.26E-02	3.90E+00	6.82E-01	1.92E+00	3.00E-01	8.43E-03	8.65E-04	2.21E-09	2.27E-10
7.85E+00	1.03E+00	1.51E+01	1.67E+00	4.28E+00	4.78E-01	5.80E+00	5.99E-01	1.02E+00	1.01E-01	4.98E+00	7.10E-01	2.89E+00	3.15E-01	1.13E-02	1.00E-03	2.97E-09	2.63E-10
1.34E+01	1.03E+00	1.48E+01	1.68E+00	3.38E+00	4.41E-01	6.25E+00	6.31E-01	9.84E-01	1.01E-01	8.33E+00	7.00E-01	4.85E+00	3.17E-01	1.26E-02	1.08E-03	3.31E-09	2.84E-10
1.79E+01	9.95E-01	1.19E+01	1.55E+00	3.14E+00	3.58E-01	5.43E+00	6.11E-01	7.81E-01	9.13E-02	1.11E+01	6.50E-01	6.42E+00	3.55E-01	1.14E-02	1.07E-03	2.98E-09	2.82E-10
1.77E+01	1.01E+00	1.06E+01	1.26E+00	3.29E+00	2.72E-01	3.75E+00	5.27E-01	5.86E-01	7.40E-02	1.12E+01	6.73E-01	6.35E+00	3.57E-01	8.18E-03	9.57E-04	2.15E-09	2.51E-10
1.32E+01	8.52E-01	9.88E+00	9.86E-01	2.67E+00	2.67E-01	3.73E+00	3.97E-01	6.24E-01	5.78E-02	8.73E+00	5.85E-01	4.77E+00	2.94E-01	6.83E-03	7.57E-04	1.79E-09	1.99E-10
8.03E+00	7.26E-01	9.98E+00	9.18E-01	3.06E+00	2.84E-01	3.74E+00	3.47E-01	6.72E-01	5.69E-02	5.57E+00	4.89E-01	2.94E+00	2.39E-01	7.42E-03	6.64E-04	1.95E-09	1.74E-10
8.14E+00	7.92E-01	1.21E+01	9.73E-01	3.34E+00	3.07E-01	4.73E+00	3.60E-01	7.98E-01	5.91E-02	5.15E+00	5.44E-01	3.08E+00	2.69E-01	8.95E-03	6.06E-04	2.34E-09	1.58E-10
9.91E+00	9.69E-01	1.33E+01	1.29E+00	3.52E+00	3.82E-01	5.39E+00	4.46E-01	8.74E-01	7.02E-02	7.13E+00	6.72E-01	4.26E+00	3.41E-01	1.04E-02	6.48E-04	2.71E-09	1.70E-10
1.00E+01	9.74E-01	1.36E+01	1.51E+00	3.54E+00	3.99E-01	5.61E+00	5.11E-01	8.98E-01	8.36E-02	7.61E+00	6.92E-01	4.50E+00	3.51E-01	1.10E-02	8.28E-04	2.88E-09	2.17E-10
7.77E+00	8.33E-01	1.31E+01	1.50E+00	3.25E+00	3.49E-01	5.43E+00	5.62E-01	8.74E-01	8.83E-02	6.43E+00	6.11E-01	3.75E+00	3.03E-01	1.09E-02	1.03E-03	2.85E-09	2.71E-10
4.92E+00	7.43E-01	1.20E+01	1.32E+00	2.97E+00	3.28E-01	4.96E+00	5.49E-01	8.16E-01	8.29E-02	4.57E+00	5.03E-01	2.61E+00	2.40E-01	1.02E-02	1.10E-03	2.65E-09	2.88E-10
4.24E+00	9.25E-01	1.05E+01	1.12E+00	2.66E+00	3.73E-01	4.35E+00	4.78E-01	7.28E-01	6.95E-02	2.90E+00	6.12E-01	1.61E+00	2.84E-01	9.13E-03	9.91E-04	2.39E-09	2.60E-10
4.44E+00	1.07E+00	8.81E+00	1.48E+00	2.60E+00	4.58E-01	3.85E+00	4.58E-01	6.17E-01	8.16E-02	3.09E+00	7.15E-01	1.45E+00	3.20E-01	8.20E-03	7.83E-04	2.15E-09	2.06E-10
4.47E+00	1.11E+00	8.99E+00	1.77E+00	2.46E+00	4.98E-01	3.51E+00	5.70E-01	6.06E-01	9.84E-02	3.09E+00	7.49E-01	1.37E+00	3.25E-01	6.96E-03	9.56E-04	1.82E-09	2.51E-10
4.71E+00	1.11E+00	8.68E+00	1.86E+00	2.79E+00	4.80E-01	3.49E+00	6.37E-01	5.82E-01	1.06E-01	3.20E+00	7.40E-01	1.34E+00	3.35E-01	7.02E-03	1.13E-03	1.84E-09	2.95E-10
5.49E+00	1.16E+00	9.18E+00	1.82E+00	3.00E+00	4.90E-01	3.27E+00	6.49E-01	6.10E-01	1.03E-01	3.66E+00	7.86E-01	1.60E+00	3.50E-01	6.65E-03	1.22E-03	1.74E-09	3.20E-10
6.44E+00	1.15E+00	1.08E+01	1.96E+00	3.41E+00	5.22E-01	3.72E+00	6.34E-01	6.74E-01	1.07E-01	4.29E+00	7.83E-01	1.82E+00	3.43E-01	7.50E-03	1.17E-03	1.97E-09	3.07E-10
6.24E+00	7.69E-01	4.71E+00	1.58E+00	1.69E+00	4.99E-01	1.53E+00	5.15E-01	3.27E-01	1.00E-01	3.72E+00	5.51E-01	2.26E+00	2.72E-01	3.02E-03	9.71E-04	7.93E-10	2.55E-10
6.12E+00	8.02E-01	4.89E+00	1.61E+00	1.77E+00	5.25E-01	1.57E+00	5.11E-01	3.40E-01	1.00E-01	3.57E+00	5.91E-01	2.18E+00	2.56E-01	3.06E-03	9.40E-04	8.04E-10	2.47E-10
5.60E+00	8.92E-01	5.02E+00	1.66E+00	1.73E+00	5.28E-01	1.61E+00	5.27E-01	3.39E-01	1.01E-01	3.20E+00	6.44E-01	1.97E+00	2.58E-01	3.09E-03	9.03E-04	8.11E-10	2.37E-10
4.67E+00	9.47E-01	5.81E+00	1.64E+00	2.27E+00	5.08E-01	1.89E+00	5.34E-01	4.31E-01	9.87E-02	2.65E+00	6.67E-01	1.63E+00	2.77E-01	3.77E-03	8.92E-04	9.89E-10	2.34E-10
4.86E+00	9.44E-01	7.63E+00	1.57E+00	2.63E+00	4.58E-01	2.66E+00	5.21E-01	5.52E-01	9.17E-02	3.92E+00	6.46E-01	1.89E+00	2.77E-01	5.42E-03	8.61E-04	1.42E-09	2.26E-10
7.12E+00	9.35E-01	8.47E+00	1.77E+00	2.75E+00	5.09E-01	3.21E+00	6.04E-01	5.97E-01	1.08E-01	5.11E+00	6.35E-01	2.56E+00	2.59E-01	6.60E-03	1.07E-03	1.73E-09	2.82E-10
8.53E+00	1.12E+00	1.09E+01	1.99E+00	3.60E+00	5.17E-01	3.89E+00	7.32E-01	7.93E-01	1.19E-01	5.56E+00	7.39E-01	3.04E+00	3.23E-01	8.20E-03	1.30E-03	2.15E-09	3.41E-10
8.14E+00	1.22E+00	1.32E+01	2.03E+00	4.12E+00	4.74E-01	4.86E+00	7.93E-01	9.50E-01	1.20E-01	4.92E+00	7.91E-01	2.90E+00	3.66E-01	1.03E-02	1.39E-03	2.69E-09	3.66E-10
5.19E+00	1.19E+00	1.37E+01	1.87E+00	3.92E+00	4.04E-01	5.33E+00	7.64E-01	9.77E-01	1.09E-01	3.24E+00	7.66E-01	1.85E+00	3.68E-01	1.13E-02	1.33E-03	2.95E-09	3.48E-10
5.79E+00	1.06E+00	1.19E+01	1.59E+00	3.48E+00	3.24E-01	4.92E+00	6.70E-01	8.33E-01	9.15E-02	4.17E+00	6.84E-01	1.64E+00	3.41E-01	1.02E-02	1.15E-03	2.68E-09	3.02E-10
7.78E+00	9.49E-01	1.22E+01	1.25E+00	3.65E+00	2.85E-01	4.46E+00	5.40E-01	7.51E-01	7.08E-02	5.49E+00	6.54E-01	2.32E+00	3.23E-01	8.65E-03	9.19E-04	2.26E-09	2.41E-10
9.28E+00	8.22E-01	1.21E+01	1.07E+00	3.13E+00	3.25E-01	4.48E+00	3.90E-01	7.14E-01	5.71E-02	6.37E+00	5.93E-01	2.96E+00	2.86E-01	8.64E-03	6.51E-04	2.26E-09	1.71E-10
8.99E+00	7.63E-01	9.65E+00	1.28E+00	2.98E+00	4.17E-01	4.10E+00	3.91E-01	6.10E-01	7.57E-02	5.98E+00	5.67E-01	3.01E+00	2.76E-01	7.93E-03	6.24E-04	2.08E-09	1.64E-10
6.33E+00	9.75E-01	1.11E+01	1.58E+00	4.07E+00	4.94E-01	3.71E+00	5.13E-01	7.77E-01	9.38E-02	4.07E+00	6.94E-01	2.22E+00	2.98E-01	6.83E-03	8.23E-04	1.79E-09	2.16E-10
6.99E+00	1.07E+00	1.41E+01	1.78E+00	4.27E+00	5.32E-01	5.25E+00	6.06E-01	9.62E-01	1.07E-01	4.54E+00	7.50E-01	2.67E+00	3.24E-01	1.02E-02	1.01E-03	2.67E-09	2.64E-10
1.49E+01	1.12E+00	1.44E+01	1.84E+00	3.32E+00	4.97E-01	5.99E+00	6.68E-01	9.53E-01	1.09E-01	9.27E+00	7.66E-01	5.48E+00	3.42E-01	1.21E-02	1.14E-03	3.18E-09	2.98E-10
2.26E+01	1.18E+00	1.14E+01	1.69E+00	3.15E+00	3.93E-01	5.27E+00	6.61E-01	7.48E-01	9.92E-02	1.38E+01	7.57E-01	8.12E+00	4.23E-01	1.11E-02	1.16E-03	2.92E-09	3.04E-10
2.19E+01	1.17E+00	1.22E+01	1.35E+00	3.25E+00	3.05E-01	4.10E+00	5.63E-01	5.42E-01	7.86E-02	1.37E+01	7.67E-01	7.86E+00	4.14E-01	7.71E-03	1.03E-03	2.02E-09	2.70E-10
1.42E+01	8.77E-01	9.62E+00	1.05E+00	2.88E+00	3.07E-01	3.31E+00	4.08E-01	5.62E-01	6.50E-02	9.49E+00	6.08E-01	5.18E+00	3.04E-01	5.94E-03	7.86E-04	1.56E-09	2.06E-10
7.26E+00	7.90E-01	1.10E+01	1.04E+00	3.43E+00	3.58E-01	4.07E+00	3.84E-01	7.43E-01	6.34E-02	5.26E+00	5.36E-01	2.70E+00	2.57E-01	7.61E-03	6.74E-04	1.99E-09	1.77E-10
9.19E+00	9.43E-01	1.32E+01	1.18E+00	3.64E+00	3.67E-01	5.18E+00	4.02E-01	8.76E-01	7.11E-02	6.02E+00	6.35E-01	3.63E+00	3.15E-01	9.87E-03	6.60E-04	2.58E-09	1.73E-10
1.27E+01	1.15E+00	1.43E+01	1.44E+00	3.74E+00	4.12E-01	5.83E+00	4.98E-01	9.40E-01	7.64E-02	8.55E+00	7.79E-01	5.12E+00	3.97E-01	1.13E-02	7.60E-04	2.96E-09	1.99E-10
1.19E+01	1.10E+00	1.42E+01	1.59E+00	3.58E+00	3.90E-01	5.89E+00	5.57E-01	9.33E-01	8.82E-02	8.49E+00	7.66E-01	5.02E+00	3.88E-01	1.17E-02	9.41E-04	3.06E-09	2.47E-10
8.12E+00	8.69E-01	1.30E+01	1.48E+00	3.12E+00	3.68E-01	5.45E+00	5.82E-01	8.70E-01	8.84E-02	6.35E+00	6.26E-01	3.67E+00	3.08E-01	1.11E-02	1.12E-03	2.90E-09	2.93E-10
5.11E+00	9.69E-01	1.14E+01	1.23E+00	2.74E+00	4.08E-01	4.74E+00	5.24E-01	7.76E-01	7.71E-02	3.90E+00	6.44E-01	2.19E+00	3.00E-01	9.84E-03	1.07E-03	2.57E-09	2.82E-10
5.23E+00	1.15E+00	9.52E+00	1.46E+00	2.66E+00	4.66E-01	4.14E+00	4.63E-01	6.64E-01	8.74E-02	3.60E+00	7.69E-01	1.61E+00	3.49E-01	8.79E-03	8.89E-04	2.30E-09	2.33E-10
4.91E+00	1.13E+00	9.19E+00	1.73E+00	2.65E+00	5.24E-01	3.52E+00	5.45E-01	6.18E-01	9.90E-02	3.43E+00	7.62E-01	1.50E+00	3.34E-01	7.58E-03	9.76E-04	1.99E-09	2.56E-10
5.06E+00	1.09E+00	9.29E+00	1.85E+00	3.00E+00	5.79E-01	3.67E+00	6.25E-01	6.24E-01	1.04E-01	3.45E+00	7.25E-01	1.51E+00	3.34E-01	7.31E-03	1.15E-03	1.92E-09	3.01E-10
5.68E+00	1.13E+00	9.66E+00	1.86E+00	3.17E+00	5.55E-01	3.57E+00	6.44E-01	6.35E-01	1.16E-01	3.80E+00	7.65E-01	1.61E+00	3.43E-01	7.27E-03	1.22E-03	1.91E-09	3.21E-10
7.06E+00	1.16E+00	1.16E+01	1.88E+00	3.79E+00	5.16E-01	3.97E+00	7.03E-01	7.31E-01	1.18E-01	4.70E+00	7.84E-01	1.99E+00	3.52E-01	7.70E-03	1.31E-03	2.02E-09	3.44E-10
7.81E+00	1.35E+00	1.37E+01	2.02E+00	4.20E+00	6.74E-01	4.88E+00	7.00E-01	8.68E-01	1.12E-01	5.20E+00	9.43E-01	2.19E+00	4.19E-01	9.01E-03	1.32E-03	2.36E-09	3.48E-10
6.42E+00	8.25E-01	5.04E+00	1.43E+00	1.59E+00	4.73E-01	1.61E+00	4.91E-01	3.25E-01	9.19E-02	3.87E+00	5.98E-01	2.33E+00	2.82E-01	3.12E-03	8.31E-04	8.19E-10	2.18E-10
6.94E+00	8.01E-01	4.83E+00	1.58E+00	1.77E+00	5.07E-01	1.57E+00	4.89E-01	3.34E-01	9.94E-02	4.10E+00	5.84E-01	2.49E+00	2.85E-01	3.00E-03	9.10E-04	7.87E-10	2.39E-10
7.27E+00	7.84E-01	5.17E+00	1.65E+00	1.94E+00	5.51E-01	1.61E+00	5.19E-01	3.54E-01	1.02E-01	4.22E+00	6.02E-01	2.58E+00	2.78E-01	3.06E-03	9.43E-04	8.02E-10	2.47E-10
7.10E+00	9.25E-01	5.44E+00	1.79E+00	1.96E+00	5.80E-01	1.66E+00	5.42E-01	3.64E-01	1.08E-01	4.06E+00	6.88E-01	2.50E+00	2.67E-01	3.11E-03	9.34E-04	8.15E-10	2.45E-10
6.20E+00	1.00E+00	5.74E+00	1.82E+00	2.29E+00	5.58E-01	1.83E+00	5.71E-01	4.28E-01	1.08E-01	3.49E+00	7.29E-01	2.16E+00	2.97E-01	3.65E-03	9.66E-04	9.58E-10	2.53E-10
4.69E+00	1.01E+00	7.77E+00	1.73E+00	2.74E+00	4.84E-01	2.68E+00	5.72E-01	5.64E-01	9.93E-02	2.70E+00	7.08E-01	1.62E+00	3.03E-01	5.43E-03	9.60E-04	1.42E-09	2.52E-10
4.79E+00	9.60E-01	9.21E+00	1.87E+00	3.08E+00	5.48E-01	3.28E+00	6.24E-01	6.66E-01	1.14E-01	3.78E+00	6.49E-01	1.94E+00	2.90E-01	6.78E-03	1.12E-03	1.78E-09	2.94E-10
6.75E+00	1.19E+00	1.22E+01	2.14E+00	3.90E+00	5.68E-01	4.37E+00	7.63E-01	8.79E-01	1.27E-01	4.59E+00	7.97E-01	2.60E+00	3.42E-01	9.29E-03	1.35E-03	2.44E-09	3.54E-10
7.11E+00	1.34E+00	1.40E+01	2.17E+00	4.34E+00	5.15E-01	5.21E+00	8.26E-01	1.01E+00	1.25E-01	4.30E+00	8.83E-01	2.59E+00	4.08E-01	1.11E-02	1.42E-03	2.91E-09	3.73E-10
5.53E+00	1.34E+00	1.37E+01	1.95E+00	3.88E+00	4.22E-01	5.39E+00	7.83E-01	9.81E-01	1.10E-01	3.60E+00	8.72E-01	2.09E+00	4.25E-01	1.14E-02	1.31E-03	2.99E-09	3.43E-10
6.54E+00	1.16E+00	1.27E+01	1.58E+00	3.86E+00	3.16E-01	4.89E+00	6.56E-01	8.59E-01	8.66E-02	4.80E+00	7.54E-01	1.85E+00	3.80E-01	9.52E-03	1.07E-03	2.49E-09	2.81E-10
8.67E+00	9.10E-01	1.30E+01	1.14E+00	3.65E+00	2.98E-01	5.20E+00	4.83E-01	8.62E-01	6.00E-02	6.20E+00	6.02E-01	2.70E+00	3.02E-01	1.01E-02	7.63E-04	2.65E-09	2.00E-10
9.33E+00	8.02E-01	1.18E+01	1.17E+00	2.66E+00	3.98E-01	4.99E+00	3.68E-01	7.66E-01	6.97E-02	6.40E+00	5.82E-01	3.10E+00	2.77E-01	9.75E-03	5.48E-04	2.56E-09	1.44E-10
8.33E+00	9.02E-01	9.36E+00	1.53E+00	3.71E+00	4.99E-01	4.17E+00	4.68E-01	6.46E-01	9.08E-02	5.14E+00	6.61E-01	3.04E+00	2.85E-01	8.18E-03	7.51E-04	2.14E-09	1.97E-10
5.41E+00	1.07E+00	1.26E+01	1.81E+00	4.15E+00	5.59E-01	4.48E+00	5.89E-01	8.73E-01	1.08E-01	3.84E+00	7.63E-01	2.06E+00	3.22E-01	8.60E-03	9.71E-04	2.26E-09	2.55E-10
1.43E+01	1.17E+00	1.34E+01	1.93E+00	3.19E+00	5.30E-01	5.52E+00	6.82E-01	8.98E-01	1.14E-01	9.13E+00	8.14E-01	5.44E+00	3.60E-01	1.13E-02	1.15E-03	2.96E-09	3.02E-10
2.57E+01	1.30E+00	1.23E+01	1.79E+00	2.97E+00	4.10E-01	4.97E+00	6.92E-01	7.01E-01	1.03E-01	1.57E+01	8.31E-01	9.34E+00	4.72E-01	1.07E-02	1.20E-03	2.80E-09	3.16E-10
2.41E+01	1.25E+00	1.33E+01	1.39E+00	2.97E+00	3.30E-01	4.51E+00	5.81E-01	4.94E-01	8.02E-02	1.50E+01	8.11E-01	8.61E+00	4.42E-01	7.05E-03	1.07E-03	1.85E-09	2.80E-10
1.30E+01	8.67E-01	9.74E+00	1.15E+00	3.13E+00	3.60E-01	2.86E+00	4.07E-01	5.98E-01	7.01E-02	8.82E+00	5.90E-01	4.70E+00	2.91E-01	5.28E-03	7.87E-04	1.38E-09	2.07E-10
9.14E+00	8.47E-01	1.17E+01	1.21E+00	3.71E+00	4.32E-01	4.31E+00	4.15E-01	7.98E-01	7.34E-02	5.59E+00	5.78E-01	3.35E+00	2.70E-01	8.11E-03	7.23E-04	2.12E-09	1.90E-10
1.16E+01	1.11E+00	1.41E+01	1.39E+00	3.83E+00	4.21E-01	5.51E+00	4.73E-01	9.34E-01	8.26E-02	7.30E+00	7.37E-01	4.41E+00	3.68E-01	1.06E-02	7.55E-04	2.78E-09	1.98E-10
1.46E+01	1.27E+00	1.49E+01	1.56E+00	3.82E+00	4.26E-01	6.11E+00	5.30E-01	9.83E-01	8.13E-02	9.60E+00	8.61E-01	5.73E+00	4.37E-01	1.21E-02	8.81E-04	3.16E-09	2.31E-10
1.23E+01	1.13E+00	1.43E+01	1.58E+00	3.47E+00	4.28E-01	5.98E+00	5.77E-01	9.47E-01	8.91E-02	8.62E+00	7.87E-01	5.06E+00	3.94E-01	1.21E-02	1.03E-03	3.17E-09	2.71E-10
7.13E+00	1.01E+00	1.25E+01	1.39E+00	2.88E+00	4.84E-01	5.31E+00	5.68E-01	8.44E-01	8.39E-02	5.59E+00	6.82E-01	3.18E+00	3.16E-01	1.10E-02	1.13E-03	2.88E-09	2.98E-10
6.69E+00	1.22E+00	1.03E+01	1.53E+00	2.60E+00	5.24E-01	4.48E+00	4.96E-01	7.08E-01	9.16E-02	4.54E+00	8.17E-01	2.12E+00	3.77E-01	9.48E-03	9.75E-04	2.49E-09	2.56E-10
5.99E+00	1.17E+00	8.91E+00	1.69E+00	2.91E+00	5.91E-01	3.81E+00	5.69E-01	5.91E-01	1.05E-01	4.17E+00	7.98E-01	1.80E+00	3.51E-01	8.22E-03	9.73E-04	2.15E-09	2.55E-10
5.33E+00	1.13E+00	9.25E+00	1.78E+00	3.09E+00	6.61E-01	3.61E+00	6.34E-01	6.18E-01	1.13E-01	3.63E+00	7.97E-01	1.68E+00	3.23E-01	7.04E-03	1.19E-03	1.85E-09	3.11E-10
5.67E+00	1.10E+00	1.00E+01	2.02E+00	3.46E+00	6.41E-01	3.62E+00	6.63E-01	6.61E-01	1.26E-01	3.81E+00	7.66E-01	1.79E+00	3.60E-01	7.29E-03	1.29E-03	1.91E-09	3.39E-10
7.43E+00	1.41E+00	1.21E+01	2.07E+00	4.18E+00	6.34E-01	4.07E+00	7.54E-01	7.74E-01	1.29E-01	4.97E+00	9.83E-01	2.07E+00	4.44E-01	7.94E-03	1.42E-03	2.08E-09	3.72E-10
8.56E+00	1.63E+00	1.51E+01	2.07E+00	4.81E+00	8.29E-01	5.30E+00	7.60E-01	9.68E-01	1.21E-01	5.73E+00	1.16E+00	2.38E+00	5.01E-01	9.35E-03	1.46E-03	2.45E-09	3.83E-10
8.86E+00	1.75E+00	1.66E+01	2.63E+00	4.96E+00	9.49E-01	6.05E+00	7.80E-01	1.07E+00	1.58E-01	5.94E+00	1.25E+00	2.47E+00	5.46E-01	1.09E-02	1.32E-03	2.85E-09	3.47E-10
6.24E+00	9.14E-01	4.99E+00	1.61E+00	1.64E+00	4.39E-01	1.56E+00	5.78E-01	3.16E-01	9.70E-02	3.72E+00	6.49E-01	2.29E+00	2.88E-01	2.85E-03	1.01E-03	7.48E-10	2.65E-10
6.25E+00	9.42E-01	5.19E+00	1.53E+00	1.72E+00	4.62E-01	1.59E+00	5.57E-01	3.35E-01	8.98E-02	3.77E+00	6.58E-01	2.25E+00	2.97E-01	3.04E-03	9.44E-04	7.98E-10	2.48E-10
7.33E+00	9.37E-01	5.23E+00	1.58E+00	1.88E+00	5.21E-01	1.63E+00	5.20E-01	3.38E-01	9.88E-02	4.36E+00	6.43E-01	2.63E+00	3.02E-01	3.05E-03	8.69E-04	7.99E-10	2.28E-10
8.19E+00	8.82E-01	5.42E+00	1.70E+00	2.07E+00	5.47E-01	1.61E+00	5.15E-01	3.67E-01	1.03E-01	4.79E+00	6.17E-01	2.92E+00	2.99E-01	3.00E-03	9.37E-04	7.88E-10	2.46E-10
8.32E+00	8.85E-01	5.59E+00	1.82E+00	2.10E+00	5.85E-01	1.64E+00	5.35E-01	3.75E-01	1.09E-01	4.79E+00	6.74E-01	2.94E+00	2.80E-01	3.04E-03	9.41E-04	7.97E-10	2.47E-10
7.62E+00	1.01E+00	5.48E+00	1.90E+00	2.23E+00	5.74E-01	1.77E+00	5.85E-01	4.05E-01	1.11E-01	4.32E+00	7.51E-01	2.66E+00	3.01E-01	3.58E-03	1.01E-03	9.35E-10	2.64E-10
6.25E+00	1.08E+00	7.54E+00	1.86E+00	2.72E+00	5.05E-01	2.55E+00	6.04E-01	5.49E-01	1.04E-01	3.48E+00	7.72E-01	2.16E+00	3.31E-01	5.17E-03	1.02E-03	1.36E-09	2.66E-10
4.13E+00	1.07E+00	9.48E+00	1.97E+00	3.16E+00	6.04E-01	3.28E+00	6.20E-01	6.85E-01	1.20E-01	2.90E+00	7.22E-01	1.76E+00	3.34E-01	6.98E-03	1.11E-03	1.83E-09	2.92E-10
5.20E+00	1.24E+00	1.26E+01	2.24E+00	4.11E+00	6.08E-01	4.48E+00	7.57E-01	9.15E-01	1.30E-01	3.63E+00	8.54E-01	1.99E+00	3.60E-01	9.56E-03	1.32E-03	2.51E-09	3.46E-10
5.91E+00	1.41E+00	1.41E+01	2.16E+00	4.26E+00	5.21E-01	5.28E+00	7.92E-01	1.02E+00	1.21E-01	3.97E+00	9.58E-01	2.23E+00	4.45E-01	1.13E-02	1.31E-03	2.97E-09	3.44E-10
5.61E+00	1.41E+00	1.37E+01	1.84E+00	4.11E+00	4.00E-01	5.12E+00	7.20E-01	9.40E-01	9.81E-02	3.82E+00	9.38E-01	2.08E+00	4.65E-01	1.05E-02	1.12E-03	2.75E-09	2.94E-10
6.94E+00	1.25E+00	1.46E+01	1.40E+00	4.00E+00	3.15E-01	5.75E+00	5.69E-01	9.90E-01	6.95E-02	5.13E+00	8.13E-01	2.00E+00	4.22E-01	1.14E-02	8.15E-04	2.98E-09	2.14E-10
8.73E+00	9.47E-01	1.39E+01	1.13E+00	3.30E+00	3.60E-01	5.78E+00	3.80E-01	9.20E-01	6.07E-02	6.14E+00	6.06E-01	2.81E+00	3.24E-01	1.15E-02	5.66E-04	3.01E-09	1.48E-10
8.56E+00	8.64E-01	1.13E+01	1.40E+00	3.08E+00	4.84E-01	4.98E+00	3.93E-01	7.28E-01	8.40E-02	5.67E+00	6.20E-01	3.03E+00	2.99E-01	9.95E-03	6.45E-04	2.61E-09	1.69E-10
6.02E+00	9.69E-01	1.04E+01	1.76E+00	3.72E+00	5.79E-01	3.57E+00	5.30E-01	7.28E-01	1.06E-01	4.24E+00	7.23E-01	2.49E+00	3.06E-01	7.31E-03	8.79E-04	1.92E-09	2.31E-10

Scenario 1 Results

1.08E+01	1.12E+00	1.16E+01	1.95E+00	2.91E+00	5.63E-01	4.66E+00	6.47E-01	7.91E-01	1.15E-01	7.34E+00	8.14E-01	4.38E+00	3.46E-01	9.74E-03	1.10E-03	2.56E-09	2.88E-10
2.54E+01	1.28E+00	1.18E+01	1.83E+00	2.68E+00	4.20E-01	4.91E+00	6.79E-01	6.22E-01	1.03E-01	1.56E+01	8.16E-01	9.35E+00	4.68E-01	9.62E-03	1.19E-03	2.52E-09	3.12E-10
2.21E+01	1.15E+00	1.26E+01	1.36E+00	2.53E+00	3.57E-01	4.11E+00	5.61E-01	4.74E-01	7.79E-02	1.38E+01	7.50E-01	7.90E+00	4.06E-01	6.20E-03	1.05E-03	1.63E-09	2.76E-10
9.73E+00	8.61E-01	8.71E+00	1.22E+00	3.21E+00	4.31E-01	2.77E+00	4.14E-01	6.04E-01	7.22E-02	6.62E+00	5.99E-01	3.53E+00	2.86E-01	5.21E-03	7.44E-04	1.36E-09	1.95E-10
1.14E+01	9.64E-01	1.18E+01	1.40E+00	3.70E+00	4.82E-01	4.32E+00	4.26E-01	8.03E-01	8.22E-02	6.91E+00	6.75E-01	4.16E+00	2.91E-01	8.22E-03	7.32E-04	2.15E-09	1.92E-10
1.52E+01	1.30E+00	1.39E+01	1.51E+00	3.68E+00	4.46E-01	5.49E+00	5.20E-01	9.22E-01	8.82E-02	9.48E+00	8.64E-01	5.73E+00	4.40E-01	1.07E-02	8.44E-04	2.80E-09	2.21E-10
1.58E+01	1.34E+00	1.44E+01	1.57E+00	3.62E+00	4.46E-01	5.94E+00	5.32E-01	9.49E-01	8.21E-02	1.04E+01	9.09E-01	6.15E+00	4.60E-01	1.20E-02	9.49E-04	3.14E-09	2.49E-10
1.05E+01	1.22E+00	1.33E+01	1.48E+00	3.15E+00	5.82E-01	5.63E+00	5.50E-01	8.88E-01	8.33E-02	7.45E+00	8.19E-01	4.30E+00	3.56E-01	1.17E-02	1.04E-03	3.07E-09	2.72E-10
8.28E+00	1.22E+00	1.12E+01	1.76E+00	2.49E+00	6.26E-01	4.78E+00	5.00E-01	7.59E-01	1.01E-01	5.56E+00	8.30E-01	2.71E+00	3.97E-01	1.02E-02	1.01E-03	2.66E-09	2.66E-10
7.38E+00	1.25E+00	9.15E+00	1.83E+00	3.10E+00	6.35E-01	4.10E+00	5.81E-01	6.36E-01	1.10E-01	5.12E+00	8.65E-01	2.29E+00	3.73E-01	8.87E-03	9.73E-04	2.32E-09	2.55E-10
5.88E+00	1.27E+00	8.88E+00	1.88E+00	3.40E+00	7.38E-01	3.41E+00	6.33E-01	5.86E-01	1.15E-01	4.18E+00	9.07E-01	1.69E+00	3.65E-01	7.26E-03	1.12E-03	1.90E-09	2.93E-10
5.79E+00	1.37E+00	9.66E+00	2.06E+00	3.40E+00	6.84E-01	3.60E+00	6.83E-01	6.23E-01	1.24E-01	3.94E+00	9.15E-01	1.76E+00	4.69E-01	7.06E-03	1.33E-03	1.85E-09	3.49E-10
7.47E+00	1.72E+00	1.18E+01	2.12E+00	4.28E+00	7.05E-01	4.05E+00	7.45E-01	7.58E-01	1.32E-01	4.99E+00	1.22E+00	2.07E+00	5.60E-01	7.50E-03	1.41E-03	1.97E-09	3.70E-10
8.96E+00	1.92E+00	1.57E+01	2.38E+00	5.29E+00	9.85E-01	5.35E+00	7.82E-01	1.02E+00	1.32E-01	6.01E+00	1.40E+00	2.46E+00	5.99E-01	9.35E-03	1.52E-03	2.45E-09	3.99E-10
9.42E+00	1.94E+00	1.81E+01	2.99E+00	5.67E+00	1.13E+00	6.43E+00	8.15E-01	1.18E+00	1.78E-01	6.38E+00	1.43E+00	2.58E+00	5.84E-01	1.15E-02	1.39E-03	3.03E-09	3.64E-10
9.06E+00	1.76E+00	1.85E+01	3.31E+00	5.43E+00	1.12E+00	6.81E+00	1.01E+00	1.21E+00	2.05E-01	6.15E+00	1.31E+00	2.57E+00	5.19E-01	1.27E-02	1.71E-03	3.32E-09	4.48E-10
6.03E+00	8.87E-01	4.92E+00	1.81E+00	1.66E+00	5.27E-01	1.62E+00	6.06E-01	3.21E-01	1.11E-01	3.74E+00	6.64E-01	2.29E+00	2.78E-01	2.94E-03	1.10E-03	7.72E-10	2.90E-10
6.58E+00	9.63E-01	4.90E+00	1.83E+00	1.59E+00	5.23E-01	1.59E+00	6.22E-01	3.07E-01	1.11E-01	4.01E+00	7.06E-01	2.46E+00	3.01E-01	2.93E-03	1.11E-03	7.70E-10	2.90E-10
7.13E+00	1.02E+00	5.12E+00	1.78E+00	1.77E+00	4.89E-01	1.59E+00	6.19E-01	3.29E-01	1.05E-01	4.27E+00	7.36E-01	2.63E+00	3.19E-01	2.87E-03	1.07E-03	7.53E-10	2.80E-10
7.36E+00	1.02E+00	5.38E+00	1.64E+00	1.89E+00	5.05E-01	1.59E+00	5.88E-01	3.39E-01	9.39E-02	4.32E+00	7.28E-01	2.67E+00	3.30E-01	2.96E-03	9.84E-04	7.76E-10	2.58E-10
7.95E+00	1.00E+00	5.38E+00	1.68E+00	2.10E+00	5.42E-01	1.57E+00	5.31E-01	3.64E-01	1.02E-01	4.73E+00	6.95E-01	2.86E+00	3.31E-01	2.95E-03	8.95E-04	7.74E-10	2.35E-10
8.81E+00	9.47E-01	5.75E+00	1.80E+00	2.25E+00	5.83E-01	1.73E+00	5.21E-01	3.83E-01	1.07E-01	5.14E+00	6.74E-01	3.14E+00	3.21E-01	2.97E-03	9.32E-04	7.80E-10	2.44E-10
8.95E+00	9.84E-01	5.82E+00	1.95E+00	2.04E+00	5.82E-01	1.78E+00	5.80E-01	3.66E-01	1.12E-01	5.12E+00	7.53E-01	3.15E+00	3.09E-01	3.50E-03	1.01E-03	9.15E-10	2.66E-10
7.85E+00	1.10E+00	6.69E+00	1.93E+00	2.59E+00	4.99E-01	2.22E+00	6.22E-01	4.94E-01	1.05E-01	4.38E+00	8.14E-01	2.72E+00	3.50E-01	4.51E-03	1.05E-03	1.18E-09	2.77E-10
5.65E+00	1.14E+00	8.73E+00	1.85E+00	2.85E+00	5.90E-01	3.01E+00	5.96E-01	6.26E-01	1.09E-01	3.08E+00	7.97E-01	1.92E+00	3.77E-01	6.46E-03	9.63E-04	1.69E-09	2.53E-10
5.11E+00	1.18E+00	1.15E+01	2.02E+00	3.62E+00	5.70E-01	4.11E+00	6.27E-01	8.27E-01	1.12E-01	3.56E+00	8.52E-01	2.07E+00	3.75E-01	8.85E-03	1.03E-03	2.32E-09	2.71E-10
5.96E+00	1.41E+00	1.34E+01	1.90E+00	4.22E+00	4.86E-01	4.91E+00	6.50E-01	9.43E-01	9.95E-02	3.92E+00	9.99E-01	2.25E+00	4.72E-01	9.89E-03	9.60E-04	2.59E-09	2.52E-10
6.19E+00	1.51E+00	1.51E+01	1.63E+00	4.35E+00	3.73E-01	5.81E+00	5.93E-01	1.05E+00	7.74E-02	3.92E+00	1.03E+00	2.27E+00	5.25E-01	1.18E-02	7.58E-04	3.08E-09	1.99E-10
6.32E+00	1.28E+00	1.50E+01	1.19E+00	3.77E+00	3.28E-01	6.08E+00	4.54E-01	1.01E+00	5.90E-02	4.79E+00	8.51E-01	1.92E+00	4.51E-01	1.24E-02	6.06E-04	3.24E-09	1.59E-10
7.41E+00	8.10E-01	1.25E+01	1.20E+00	2.53E+00	4.39E-01	5.46E+00	3.63E-01	8.26E-01	7.21E-02	5.25E+00	5.85E-01	2.58E+00	2.88E-01	1.13E-02	5.56E-04	2.96E-09	1.46E-10
5.81E+00	8.59E-01	8.33E+00	1.62E+00	2.90E+00	5.71E-01	3.98E+00	4.28E-01	5.41E-01	9.76E-02	4.29E+00	6.29E-01	2.48E+00	3.03E-01	8.49E-03	7.34E-04	2.23E-09	1.93E-10
5.58E+00	9.27E-01	8.63E+00	1.87E+00	2.67E+00	5.69E-01	3.41E+00	5.54E-01	6.03E-01	1.09E-01	4.22E+00	7.24E-01	2.49E+00	2.80E-01	7.36E-03	9.73E-04	1.93E-09	2.55E-10
1.96E+01	9.84E-01	8.97E+00	1.74E+00	2.09E+00	3.95E-01	3.79E+00	6.02E-01	4.84E-01	9.62E-02	1.24E+01	6.83E-01	7.40E+00	3.69E-01	7.67E-03	1.10E-03	2.01E-09	2.88E-10
1.50E+01	8.15E-01	9.73E+00	1.24E+00	2.58E+00	3.69E-01	2.72E+00	4.88E-01	4.32E-01	6.97E-02	9.67E+00	5.46E-01	5.38E+00	2.85E-01	5.09E-03	9.68E-04	1.33E-09	2.54E-10
6.93E+00	6.91E-01	7.75E+00	1.22E+00	3.14E+00	5.07E-01	2.44E+00	3.89E-01	5.70E-01	7.22E-02	4.33E+00	5.19E-01	2.59E+00	2.22E-01	4.69E-03	6.78E-04	1.22E-09	1.78E-10
1.22E+01	9.83E-01	1.11E+01	1.53E+00	3.48E+00	5.27E-01	4.07E+00	4.36E-01	7.65E-01	8.83E-02	7.45E+00	7.26E-01	4.47E+00	3.03E-01	7.92E-03	7.06E-04	2.07E-09	1.85E-10
1.80E+01	1.41E+00	1.29E+01	1.53E+00	3.35E+00	4.37E-01	5.15E+00	5.16E-01	8.52E-01	8.80E-02	1.15E+01	9.58E-01	6.91E+00	4.92E-01	1.02E-02	8.88E-04	2.68E-09	2.33E-10
1.43E+01	1.39E+00	1.25E+01	1.46E+00	3.15E+00	5.82E-01	5.25E+00	4.87E-01	8.26E-01	7.71E-02	9.75E+00	9.34E-01	5.72E+00	4.32E-01	1.09E-02	9.37E-04	2.84E-09	2.46E-10
1.05E+01	1.52E+00	1.10E+01	1.88E+00	2.61E+00	7.34E-01	4.70E+00	4.70E-01	7.47E-01	1.02E-01	6.88E+00	1.03E+00	3.53E+00	4.43E-01	1.01E-02	8.82E-04	2.63E-09	2.31E-10
9.02E+00	1.36E+00	9.45E+00	2.06E+00	3.18E+00	7.48E-01	4.18E+00	5.61E-01	6.58E-01	1.19E-01	6.19E+00	9.31E-01	2.86E+00	4.26E-01	9.10E-03	8.87E-04	2.39E-09	2.33E-10
6.93E+00	1.36E+00	7.79E+00	2.01E+00	3.51E+00	7.49E-01	3.49E+00	6.23E-01	5.29E-01	1.22E-01	4.76E+00	9.80E-01	2.33E+00	4.64E-01	7.71E-03	1.05E-03	2.02E-09	2.76E-10
6.47E+00	1.71E+00	8.64E+00	1.96E+00	3.26E+00	6.97E-01	3.44E+00	6.25E-01	5.71E-01	1.14E-01	4.02E+00	1.13E+00	2.17E+00	6.17E-01	6.62E-03	1.17E-03	1.74E-09	3.07E-10
6.67E+00	1.92E+00	1.08E+01	1.93E+00	4.14E+00	6.24E-01	3.73E+00	6.41E-01	6.97E-01	1.16E-01	4.51E+00	1.38E+00	1.83E+00	6.63E-01	7.19E-03	1.30E-03	1.89E-09	3.42E-10
8.73E+00	2.03E+00	1.51E+01	2.43E+00	5.32E+00	1.00E+00	4.96E+00	6.94E-01	9.80E-01	1.23E-01	5.91E+00	1.52E+00	2.39E+00	6.49E-01	8.61E-03	1.38E-03	2.26E-09	3.62E-10
9.46E+00	1.94E+00	1.81E+01	3.03E+00	5.93E+00	1.20E+00	6.30E+00	7.50E-01	1.19E+00	1.72E-01	6.44E+00	1.49E+00	2.56E+00	5.83E-01	1.12E-02	1.30E-03	2.94E-09	3.41E-10
9.24E+00	1.70E+00	1.91E+01	3.39E+00	5.93E+00	1.19E+00	6.85E+00	9.38E-01	1.27E+00	2.07E-01	6.42E+00	1.31E+00	2.71E+00	4.93E-01	1.28E-02	1.58E-03	3.34E-09	4.15E-10
9.99E+00	1.47E+00	1.82E+01	3.29E+00	5.78E+00	1.02E+00	6.73E+00	1.04E+00	1.21E+00	2.08E-01	6.66E+00	1.05E+00	2.80E+00	4.69E-01	1.30E-02	2.00E-03	3.39E-09	5.24E-10
4.47E+00	8.13E-01	5.28E+00	1.74E+00	1.95E+00	5.41E-01	1.64E+00	5.54E-01	3.62E-01	1.09E-01	2.92E+00	6.05E-01	1.77E+00	2.71E-01	3.06E-03	1.05E-03	8.04E-10	2.75E-10
5.23E+00	8.50E-01	5.55E+00	1.89E+00	2.02E+00	5.75E-01	1.71E+00	6.03E-01	3.71E-01	1.17E-01	3.36E+00	6.53E-01	2.05E+00	2.79E-01	3.11E-03	1.12E-03	8.15E-10	2.94E-10
6.13E+00	9.42E-01	5.47E+00	1.98E+00	1.91E+00	5.86E-01	1.70E+00	6.39E-01	3.53E-01	1.21E-01	3.88E+00	7.09E-01	2.36E+00	2.85E-01	2.98E-03	1.17E-03	7.83E-10	3.06E-10
7.00E+00	1.00E+00	5.08E+00	1.96E+00	1.67E+00	5.58E-01	1.60E+00	6.49E-01	3.12E-01	1.17E-01	4.33E+00	7.52E-01	2.65E+00	3.13E-01	2.97E-03	1.16E-03	7.80E-10	3.04E-10
7.56E+00	1.05E+00	5.22E+00	1.85E+00	1.83E+00	5.03E-01	1.62E+00	6.29E-01	3.28E-01	1.07E-01	4.57E+00	7.82E-01	2.81E+00	3.38E-01	3.00E-03	1.08E-03	7.86E-10	2.84E-10
8.02E+00	1.08E+00	5.39E+00	1.66E+00	2.10E+00	5.29E-01	1.61E+00	5.83E-01	3.50E-01	9.64E-02	4.72E+00	7.87E-01	2.91E+00	3.61E-01	2.98E-03	9.49E-04	7.83E-10	2.49E-10
8.18E+00	1.08E+00	5.73E+00	1.72E+00	2.24E+00	5.29E-01	1.59E+00	5.15E-01	3.72E-01	9.92E-02	4.89E+00	7.62E-01	2.96E+00	3.73E-01	3.02E-03	8.69E-04	7.93E-10	2.28E-10
9.21E+00	1.03E+00	5.83E+00	1.86E+00	2.12E+00	5.55E-01	1.82E+00	5.23E-01	3.60E-01	1.04E-01	5.36E+00	7.31E-01	3.29E+00	3.65E-01	3.42E-03	9.14E-04	8.96E-10	2.40E-10
9.19E+00	1.08E+00	6.34E+00	1.87E+00	2.21E+00	4.93E-01	2.22E+00	5.51E-01	4.63E-01	9.71E-02	5.19E+00	8.28E-01	3.21E+00	3.58E-01	4.57E-03	9.01E-04	1.20E-09	2.37E-10
7.41E+00	1.22E+00	8.72E+00	1.60E+00	2.99E+00	5.26E-01	3.09E+00	5.11E-01	6.36E-01	8.36E-02	4.07E+00	8.82E-01	2.54E+00	4.22E-01	6.35E-03	7.27E-04	1.66E-09	1.91E-10
5.29E+00	1.30E+00	1.15E+01	1.71E+00	3.80E+00	5.77E-01	4.16E+00	4.31E-01	8.33E-01	9.25E-02	3.81E+00	8.68E-01	2.34E+00	4.65E-01	8.58E-03	6.18E-04	2.25E-09	1.62E-10
6.20E+00	1.29E+00	1.37E+01	1.71E+00	4.25E+00	4.98E-01	5.13E+00	5.00E-01	9.84E-01	8.59E-02	4.02E+00	1.02E+00	2.46E+00	4.65E-01	1.07E-02	6.57E-04	2.80E-09	1.73E-10
6.02E+00	1.32E+00	1.43E+01	1.40E+00	3.83E+00	3.34E-01	5.69E+00	4.68E-01	1.00E+00	6.04E-02	3.52E+00	9.78E-01	2.16E+00	4.91E-01	1.20E-02	6.02E-04	3.15E-09	1.58E-10
4.01E+00	9.22E-01	1.23E+01	1.07E+00	2.44E+00	3.34E-01	5.37E+00	3.21E-01	8.35E-01	5.59E-02	3.33E+00	6.53E-01	1.35E+00	3.46E-01	1.17E-02	5.43E-04	3.06E-09	1.42E-10
3.00E+00	6.02E-01	7.97E+00	1.32E+00	2.12E+00	4.82E-01	3.92E+00	3.22E-01	5.33E-01	7.93E-02	2.65E+00	5.00E-01	1.43E+00	2.20E-01	8.81E-03	5.57E-04	2.31E-09	1.46E-10
2.96E+00	6.93E-01	6.82E+00	1.66E+00	2.12E+00	5.02E-01	2.57E+00	4.41E-01	4.53E-01	9.40E-02	2.39E+00	5.71E-01	1.15E+00	1.97E-01	5.10E-03	8.15E-04	1.34E-09	2.14E-10
1.05E+01	6.66E-01	6.35E+00	1.54E+00	2.12E+00	3.32E-01	2.43E+00	5.06E-01	4.18E-01	8.21E-02	7.02E+00	5.52E-01	4.18E+00	2.25E-01	4.85E-03	9.82E-04	1.27E-09	2.58E-10
8.12E+00	5.54E-01	6.61E+00	1.20E+00	2.45E+00	3.33E-01	2.19E+00	4.06E-01	3.66E-01	6.37E-02	5.22E+00	4.64E-01	2.75E+00	1.90E-01	4.37E-03	8.48E-04	1.15E-09	2.23E-10
6.72E+00	6.16E-01	6.09E+00	1.17E+00	2.61E+00	5.13E-01	2.00E+00	3.37E-01	4.55E-01	7.07E-02	4.31E+00	5.11E-01	2.55E+00	1.82E-01	3.98E-03	6.38E-04	1.05E-09	1.67E-10
8.38E+00	7.86E-01	9.17E+00	1.48E+00	2.99E+00	4.91E-01	3.32E+00	3.82E-01	6.34E-01	8.34E-02	5.78E+00	6.28E-01	3.45E+00	2.76E-01	6.64E-03	6.44E-04	1.74E-09	1.69E-10
1.39E+01	1.25E+00	1.06E+01	1.35E+00	2.74E+00	5.26E-01	4.30E+00	4.42E-01	7.03E-01	7.86E-02	9.78E+00	8.71E-01	5.74E+00	4.18E-01	8.82E-03	8.43E-04	2.31E-09	2.21E-10
1.12E+01	1.68E+00	9.79E+00	1.85E+00	2.89E+00	7.01E-01	4.18E+00	4.27E-01	6.51E-01	8.91E-02	7.38E+00	1.16E+00	3.93E+00	5.18E-01	8.99E-03	8.04E-04	2.35E-09	2.11E-10
9.73E+00	1.56E+00	8.89E+00	2.11E+00	2.92E+00	7.85E-01	3.72E+00	5.15E-01	6.09E-01	1.13E-01	6.84E+00	1.09E+00	3.23E+00	4.57E-01	8.20E-03	8.05E-04	2.15E-09	2.11E-10
6.95E+00	1.61E+00	8.01E+00	2.09E+00	3.61E+00	7.41E-01	3.34E+00	5.65E-01	5.15E-01	1.22E-01	5.10E+00	9.94E-01	2.10E+00	5.93E-01	7.46E-03	8.46E-04	1.96E-09	2.22E-10
7.52E+00	2.17E+00	7.60E+00	1.87E+00	3.25E+00	5.94E-01	2.95E+00	5.74E-01	5.03E-01	1.14E-01	4.03E+00	1.46E+00	2.52E+00	8.20E-01	6.01E-03	1.01E-03	1.58E-09	2.66E-10
5.89E+00	2.12E+00	9.34E+00	1.72E+00	3.63E+00	4.97E-01	3.35E+00	5.61E-01	6.02E-01	1.01E-01	4.00E+00	1.54E+00	1.97E+00	7.77E-01	6.63E-03	1.09E-03	1.74E-09	2.87E-10
7.40E+00	1.89E+00	1.25E+01	2.21E+00	5.12E+00	7.85E-01	4.06E+00	5.52E-01	8.33E-01	9.27E-02	5.13E+00	1.45E+00	2.00E+00	6.34E-01	7.49E-03	1.10E-03	1.96E-09	2.88E-10
8.43E+00	1.66E+00	1.65E+01	2.59E+00	5.80E+00	9.93E-01	5.44E+00	5.56E-01	1.10E+00	1.32E-01	5.88E+00	1.31E+00	2.50E+00	5.00E-01	9.57E-03	1.02E-03	2.51E-09	2.68E-10
9.51E+00	1.36E+00	1.78E+01	2.71E+00	5.72E+00	9.87E-01	6.28E+00	6.26E-01	1.20E+00	1.55E-01	6.33E+00	1.08E+00	2.75E+00	4.42E-01	1.17E-02	1.15E-03	3.08E-09	3.02E-10
1.05E+01	1.32E+00	1.72E+01	2.62E+00	6.08E+00	8.39E-01	6.20E+00	7.60E-01	1.16E+00	1.61E-01	7.09E+00	9.56E-01	3.03E+00	4.17E-01	1.20E-02	1.44E-03	3.15E-09	3.79E-10
1.06E+01	1.27E+00	1.76E+01	2.27E+00	6.35E+00	6.28E-01	5.75E+00	7.73E-01	1.14E+00	1.46E-01	7.22E+00	9.02E-01	3.22E+00	4.38E-01	1.11E-02	1.59E-03	2.91E-09	4.18E-10
4.50E+00	7.86E-01	4.98E+00	1.51E+00	1.96E+00	4.86E-01	1.53E+00	5.02E-01	3.17E-01	9.30E-02	2.77E+00	6.07E-01	1.69E+00	2.53E-01	2.89E-03	9.32E-04	7.58E-10	2.44E-10
4.56E+00	8.25E-01	5.16E+00	1.62E+00	2.01E+00	5.33E-01	1.59E+00	5.19E-01	3.59E-01	1.02E-01	2.72E+00	6.34E-01	1.67E+00	2.72E-01	2.91E-03	9.57E-04	7.64E-10	2.51E-10
4.55E+00	8.52E-01	5.66E+00	1.81E+00	2.17E+00	5.64E-01	1.65E+00	5.57E-01	3.86E-01	1.13E-01	2.63E+00	6.51E-01	1.63E+00	2.88E-01	3.07E-03	1.06E-03	8.05E-10	2.79E-10
4.46E+00	8.71E-01	5.92E+00	1.95E+00	2.25E+00	5.98E-01	1.71E+00	6.02E-01	3.95E-01	1.20E-01	2.99E+00	6.50E-01	1.81E+00	2.97E-01	3.10E-03	1.13E-03	8.12E-10	2.97E-10
5.40E+00	9.33E-01	5.81E+00	2.03E+00	2.11E+00	6.09E-01	1.69E+00	6.28E-01	3.72E-01	1.22E-01	3.53E+00	7.19E-01	2.14E+00	3.01E-01	2.94E-03	1.15E-03	7.72E-10	3.02E-10
6.47E+00	1.01E+00	5.14E+00	2.00E+00	1.70E+00	5.72E-01	1.62E+00	6.27E-01	3.17E-01	1.16E-01	4.11E+00	7.81E-01	2.51E+00	3.13E-01	2.94E-03	1.11E-03	7.71E-10	2.93E-10
7.45E+00	1.06E+00	5.11E+00	1.85E+00	1.84E+00	4.87E-01	1.63E+00	5.95E-01	3.39E-01	1.02E-01	4.57E+00	8.23E-01	2.81E+00	3.56E-01	3.14E-03	1.00E-03	8.23E-10	2.63E-10
8.32E+00	1.11E+00	5.30E+00	1.59E+00	2.13E+00	5.08E-01	1.66E+00	5.34E-01	3.35E-01	8.93E-02	4.91E+00	8.43E-01	3.03E+00	3.95E-01	3.16E-03	8.23E-04	8.29E-10	2.16E-10
8.33E+00	1.10E+00	5.47E+00	1.60E+00	2.16E+00	5.21E-01	1.80E+00	4.46E-01	3.46E-01	8.56E-02	4.73E+00	8.04E-01	2.94E+00	4.06E-01	3.37E-03	6.80E-04	8.85E-10	1.78E-10
8.94E+00	1.03E+00	5.82E+00	1.62E+00	2.01E+00	4.61E-01	2.08E+00	3.90E-01	4.33E-01	7.73E-02	5.17E+00	7.78E-01	3.18E+00	3.89E-01	4.39E-03	5.99E-04	1.15E-09	1.57E-10
8.24E+00	1.10E+00	8.06E+00	1.40E+00	2.76E+00	5.52E-01	2.88E+00	3.97E-01	5.98E-01	7.64E-02	4.56E+00	8.65E-01	2.84E+00	4.14E-01	6.08E-03	5.17E-04	1.59E-09	1.36E-10
5.12E+00	1.14E+00	1.03E+01	1.58E+00	3.27E+00	5.90E-01	3.82E+00	3.45E-01	7.56E-01	8.64E-02	3.64E+00	8.43E-01	2.22E+00	4.53E-01	8.17E-03	4.97E-04	2.14E-09	1.30E-10
5.13E+00	8.67E-01	1.12E+01	1.43E+00	2.97E+00	4.26E-01	4.51E+00	3.43E-01	8.07E-01	7.10E-02	3.27E+00	8.09E-01	2.02E+00	3.56E-01	9.90E-03	5.27E-04	2.60E-09	1.38E-10
3.04E+00	6.39E-01	9.69E+00	9.23E-01	1.99E+00	2.70E-01	4.39E+00	2.82E-01	6.74E-01	4.73E-02	2.19E+00	6.02E-01	1.15E+00	2.89E-01	9.93E-03	4.81E-04	2.61E-09	1.26E-10
3.06E+00	4.09E-01	6.09E+00	8.95E-01	1.91E+00	3.51E-01	3.13E+00	2.37E-01	4.13E-01	5.39E-02	2.06E+00	3.51E-01	1.14E+00	1.71E-01	7.20E-03	4.46E-04	1.89E-09	1.17E-10
3.48E+00	4.87E-01	5.49E+00	1.24E+00	1.80E+00	3.87E-01	2.08E+00	2.90E-01	3.61E-01	6.78E-02	2.32E+00	3.95E-01	1.26E+00	1.32E-01	4.13E-03	5.36E-04	1.08E-09	1.41E-10
3.85E+00	4.50E-01	5.43E+00	1.13E+00	2.17E+00	2.76E-01	1.95E+00	3.46E-01	3.27E-01	5.64E-02	2.75E+00	3.87E-01	1.64E+00	1.54E-01	3.85E-03	6.85E-04	1.01E-09	1.80E-10

Scenario 1 Results

4.14E+00	4.15E-01	5.43E+00	9.13E-01	2.19E+00	3.11E-01	1.72E+00	2.67E-01	2.86E-01	4.94E-02	2.76E+00	3.42E-01	1.51E+00	1.29E-01	3.41E-03	5.70E-04	8.95E-10	1.50E-10
4.32E+00	5.43E-01	5.78E+00	1.03E+00	2.98E+00	4.39E-01	1.65E+00	2.41E-01	3.28E-01	5.74E-02	2.87E+00	4.63E-01	1.57E+00	1.60E-01	3.27E-03	4.82E-04	8.58E-10	1.27E-10
5.60E+00	7.12E-01	6.20E+00	1.17E+00	3.19E+00	5.05E-01	1.98E+00	2.84E-01	3.89E-01	6.66E-02	4.62E+00	5.36E-01	2.67E+00	2.29E-01	4.12E-03	4.98E-04	1.08E-09	1.31E-10
8.25E+00	1.36E+00	6.60E+00	1.56E+00	2.91E+00	6.17E-01	2.65E+00	3.34E-01	4.38E-01	7.52E-02	5.61E+00	1.01E+00	2.96E+00	4.40E-01	5.80E-03	6.86E-04	1.52E-09	1.80E-10
7.63E+00	1.44E+00	7.80E+00	1.96E+00	2.86E+00	7.24E-01	2.58E+00	4.04E-01	4.23E-01	9.64E-02	5.77E+00	1.07E+00	2.67E+00	4.41E-01	5.83E-03	6.68E-04	1.52E-09	1.75E-10
5.19E+00	1.37E+00	7.07E+00	1.94E+00	3.66E+00	7.19E-01	2.56E+00	4.55E-01	4.08E-01	1.04E-01	4.17E+00	9.33E-01	1.62E+00	5.51E-01	5.80E-03	7.17E-04	1.52E-09	1.88E-10
5.02E+00	2.07E+00	6.00E+00	1.74E+00	3.72E+00	6.15E-01	2.25E+00	4.81E-01	4.10E-01	1.00E-01	3.93E+00	1.50E+00	1.72E+00	8.31E-01	5.15E-03	8.15E-04	1.35E-09	2.14E-10
4.99E+00	1.89E+00	7.17E+00	1.65E+00	3.34E+00	4.78E-01	2.49E+00	4.76E-01	4.78E-01	9.49E-02	3.47E+00	1.46E+00	1.70E+00	7.22E-01	4.94E-03	8.79E-04	1.30E-09	2.31E-10
6.26E+00	1.51E+00	8.96E+00	1.87E+00	4.30E+00	5.95E-01	3.13E+00	4.60E-01	5.94E-01	8.71E-02	3.98E+00	1.20E+00	2.37E+00	5.19E-01	6.19E-03	9.14E-04	1.62E-09	2.40E-10
7.46E+00	1.15E+00	1.21E+01	1.86E+00	5.14E+00	6.28E-01	3.90E+00	4.67E-01	8.39E-01	8.12E-02	5.00E+00	9.19E-01	2.91E+00	3.96E-01	7.38E-03	8.39E-04	1.94E-09	2.20E-10
8.95E+00	1.19E+00	1.44E+01	1.78E+00	5.18E+00	6.00E-01	4.65E+00	4.59E-01	9.88E-01	9.10E-02	6.07E+00	8.67E-01	3.24E+00	3.93E-01	8.85E-03	8.78E-04	2.32E-09	2.30E-10
1.01E+01	1.26E+00	1.43E+01	1.57E+00	5.77E+00	5.42E-01	4.99E+00	4.78E-01	9.80E-01	9.25E-02	6.86E+00	8.69E-01	3.56E+00	4.06E-01	9.80E-03	9.19E-04	2.57E-09	2.41E-10
1.01E+01	1.31E+00	1.58E+01	1.61E+00	5.92E+00	5.10E-01	4.94E+00	4.97E-01	1.01E+00	9.79E-02	6.92E+00	8.75E-01	3.53E+00	4.25E-01	9.40E-03	1.02E-03	2.46E-09	2.67E-10
9.61E+00	1.32E+00	1.69E+01	1.60E+00	5.67E+00	5.00E-01	5.67E+00	5.08E-01	1.08E+00	9.47E-02	6.55E+00	8.80E-01	3.30E+00	4.32E-01	1.02E-02	9.71E-04	2.67E-09	2.55E-10
2.93E+00	8.34E-01	5.24E+00	1.36E+00	1.69E+00	4.57E-01	1.65E+00	4.48E-01	3.21E-01	8.56E-02	2.32E+00	5.90E-01	1.42E+00	2.70E-01	3.16E-03	8.55E-04	8.28E-10	2.24E-10
2.95E+00	8.47E-01	4.98E+00	1.47E+00	1.63E+00	4.56E-01	1.67E+00	4.74E-01	3.22E-01	9.07E-02	2.17E+00	5.97E-01	1.29E+00	2.81E-01	3.05E-03	8.99E-04	8.01E-10	2.36E-10
3.40E+00	8.41E-01	5.03E+00	1.54E+00	1.74E+00	4.43E-01	1.70E+00	4.95E-01	3.25E-01	9.31E-02	2.22E+00	6.09E-01	1.35E+00	2.85E-01	3.10E-03	9.25E-04	8.13E-10	2.43E-10
3.79E+00	8.13E-01	5.13E+00	1.59E+00	2.06E+00	4.92E-01	1.69E+00	5.02E-01	3.52E-01	9.67E-02	2.37E+00	6.31E-01	1.45E+00	2.80E-01	3.13E-03	9.20E-04	8.21E-10	2.41E-10
3.92E+00	8.04E-01	5.64E+00	1.75E+00	2.27E+00	5.54E-01	1.68E+00	5.11E-01	3.84E-01	1.08E-01	2.35E+00	6.46E-01	1.44E+00	2.80E-01	3.00E-03	9.80E-04	7.88E-10	2.57E-10
3.80E+00	8.43E-01	5.92E+00	1.92E+00	2.33E+00	5.94E-01	1.64E+00	5.51E-01	3.90E-01	1.15E-01	2.19E+00	6.54E-01	1.36E+00	2.95E-01	2.99E-03	1.04E-03	7.85E-10	2.73E-10
3.71E+00	8.77E-01	5.71E+00	2.00E+00	2.17E+00	5.97E-01	1.66E+00	5.67E-01	3.58E-01	1.15E-01	2.63E+00	7.00E-01	1.58E+00	3.08E-01	3.00E-03	1.04E-03	7.87E-10	2.73E-10
4.88E+00	9.56E-01	5.32E+00	1.94E+00	1.82E+00	5.45E-01	1.70E+00	5.51E-01	3.49E-01	1.06E-01	3.29E+00	7.81E-01	1.99E+00	3.25E-01	3.17E-03	9.64E-04	8.32E-10	2.53E-10
6.25E+00	9.98E-01	5.55E+00	1.71E+00	1.83E+00	4.48E-01	1.78E+00	5.01E-01	3.51E-01	8.63E-02	3.97E+00	8.27E-01	2.42E+00	3.58E-01	3.37E-03	8.14E-04	8.85E-10	2.14E-10
7.38E+00	9.91E-01	5.48E+00	1.40E+00	1.80E+00	4.05E-01	1.83E+00	4.27E-01	3.34E-01	6.92E-02	4.41E+00	8.17E-01	2.72E+00	3.92E-01	3.44E-03	6.20E-04	9.02E-10	1.63E-10
7.47E+00	9.39E-01	5.28E+00	1.30E+00	1.70E+00	3.75E-01	1.78E+00	3.31E-01	3.00E-01	5.94E-02	4.21E+00	7.40E-01	2.62E+00	3.88E-01	3.28E-03	4.60E-04	8.59E-10	1.21E-10
6.64E+00	7.91E-01	5.32E+00	1.18E+00	2.85E+00	5.31E-01	2.08E+00	2.58E-01	3.91E-01	6.94E-02	3.78E+00	6.32E-01	2.34E+00	3.24E-01	4.57E-03	4.05E-04	1.20E-09	1.06E-10
5.15E+00	5.52E-01	6.01E+00	1.37E+00	2.14E+00	5.00E-01	2.54E+00	2.30E-01	4.34E-01	7.22E-02	2.76E+00	5.30E-01	1.73E+00	2.57E-01	5.70E-03	3.79E-04	1.49E-09	9.95E-11
3.18E+00	3.89E-01	5.44E+00	9.36E-01	1.55E+00	1.96E-01	2.46E+00	2.15E-01	3.68E-01	4.02E-02	2.18E+00	4.82E-01	1.21E+00	1.99E-01	5.65E-03	3.99E-04	1.48E-09	1.05E-10
3.52E+00	2.62E-01	4.20E+00	5.43E-01	1.38E+00	2.03E-01	1.64E+00	1.43E-01	2.72E-01	2.78E-02	2.36E+00	3.09E-01	1.27E+00	1.57E-01	3.79E-03	2.43E-04	9.94E-10	6.39E-11
4.04E+00	2.75E-01	3.99E+00	7.00E-01	1.71E+00	2.57E-01	1.51E+00	1.27E-01	2.56E-01	3.83E-02	2.71E+00	2.28E-01	1.46E+00	8.82E-02	2.94E-03	2.17E-04	7.69E-10	5.69E-11
4.56E+00	3.19E-01	4.49E+00	6.42E-01	1.80E+00	2.24E-01	1.39E+00	1.56E-01	2.40E-01	3.42E-02	3.04E+00	2.35E-01	1.65E+00	1.04E-01	2.67E-03	3.04E-04	6.99E-10	7.99E-11
4.96E+00	3.91E-01	4.05E+00	5.75E-01	2.06E+00	2.43E-01	1.22E+00	1.39E-01	2.42E-01	3.08E-02	3.30E+00	2.85E-01	1.80E+00	1.29E-01	2.33E-03	2.62E-04	6.11E-10	6.88E-11
5.14E+00	4.43E-01	4.62E+00	6.49E-01	2.81E+00	3.24E-01	1.10E+00	1.26E-01	3.07E-01	4.06E-02	3.42E+00	3.28E-01	1.87E+00	1.50E-01	2.40E-03	2.45E-04	6.26E-10	6.42E-11
5.13E+00	7.81E-01	5.23E+00	1.04E+00	3.21E+00	4.78E-01	1.31E+00	1.73E-01	3.51E-01	5.37E-02	3.42E+00	6.66E-01	1.87E+00	2.72E-01	2.77E-03	2.66E-04	7.28E-10	6.97E-11
5.64E+00	9.44E-01	5.71E+00	1.53E+00	3.49E+00	5.80E-01	1.54E+00	2.38E-01	3.82E-01	7.26E-02	4.32E+00	8.22E-01	1.87E+00	3.26E-01	3.26E-03	3.69E-04	8.56E-10	9.68E-11
4.74E+00	8.74E-01	6.54E+00	1.59E+00	3.95E+00	7.34E-01	1.46E+00	3.05E-01	4.47E-01	8.42E-02	3.95E+00	8.11E-01	1.74E+00	3.45E-01	3.32E-03	4.76E-04	8.71E-10	1.25E-10
4.48E+00	8.37E-01	6.15E+00	1.39E+00	4.46E+00	6.33E-01	1.57E+00	3.38E-01	4.86E-01	8.20E-02	3.52E+00	9.16E-01	1.65E+00	4.53E-01	3.01E-03	6.01E-04	7.90E-10	1.58E-10
5.40E+00	8.80E-01	6.35E+00	1.26E+00	3.62E+00	4.75E-01	1.86E+00	3.14E-01	4.45E-01	7.76E-02	3.43E+00	8.99E-01	2.04E+00	3.76E-01	3.30E-03	6.00E-04	8.67E-10	1.57E-10
6.61E+00	9.68E-01	7.59E+00	1.29E+00	3.50E+00	4.18E-01	2.23E+00	3.13E-01	5.45E-01	6.76E-02	4.27E+00	7.56E-01	2.49E+00	3.80E-01	4.15E-03	6.21E-04	1.09E-09	1.63E-10
8.24E+00	1.05E+00	9.21E+00	1.18E+00	3.90E+00	4.33E-01	2.77E+00	3.22E-01	6.63E-01	5.83E-02	5.15E+00	7.91E-01	3.05E+00	3.84E-01	4.92E-03	5.57E-04	1.28E-09	1.46E-10
9.17E+00	1.18E+00	1.10E+01	1.34E+00	4.45E+00	4.91E-01	3.53E+00	3.22E-01	7.97E-01	7.25E-02	6.01E+00	7.82E-01	3.47E+00	4.11E-01	6.62E-03	5.73E-04	1.73E-09	1.50E-10
9.38E+00	1.37E+00	1.27E+01	1.46E+00	5.00E+00	5.07E-01	4.37E+00	3.79E-01	9.20E-01	8.39E-02	6.36E+00	9.07E-01	3.59E+00	4.79E-01	8.51E-03	6.73E-04	2.23E-09	1.77E-10
8.54E+00	1.47E+00	1.39E+01	1.50E+00	4.89E+00	4.77E-01	5.05E+00	4.45E-01	1.00E+00	9.02E-02	5.96E+00	9.98E-01	3.29E+00	5.15E-01	1.01E-02	7.89E-04	2.65E-09	2.07E-10
7.83E+00	1.44E+00	1.45E+01	1.46E+00	4.58E+00	4.67E-01	5.50E+00	4.71E-01	1.05E+00	8.97E-02	5.34E+00	1.01E+00	2.82E+00	5.04E-01	1.13E-02	8.87E-04	2.95E-09	2.33E-10
7.64E+00	1.39E+00	1.46E+01	1.38E+00	4.38E+00	4.61E-01	5.69E+00	4.59E-01	1.05E+00	8.34E-02	4.94E+00	1.00E+00	2.75E+00	4.82E-01	1.18E-02	8.93E-04	3.08E-09	2.34E-10
3.19E+00	8.41E-01	5.68E+00	1.56E+00	2.06E+00	4.39E-01	1.73E+00	5.11E-01	3.76E-01	8.86E-02	2.52E+00	6.19E-01	1.57E+00	2.60E-01	3.34E-03	8.95E-04	8.76E-10	2.35E-10
3.29E+00	8.73E-01	5.77E+00	1.54E+00	2.05E+00	4.60E-01	1.71E+00	5.05E-01	3.70E-01	8.58E-02	2.45E+00	6.45E-01	1.52E+00	2.77E-01	3.11E-03	8.65E-04	8.16E-10	2.27E-10
3.28E+00	8.79E-01	5.61E+00	1.47E+00	2.00E+00	4.57E-01	1.71E+00	4.84E-01	3.52E-01	8.00E-02	2.33E+00	6.49E-01	1.45E+00	2.86E-01	3.21E-03	8.08E-04	8.43E-10	2.12E-10
3.12E+00	8.75E-01	5.36E+00	1.38E+00	1.86E+00	4.39E-01	1.71E+00	4.54E-01	3.42E-01	8.25E-02	2.17E+00	6.48E-01	1.33E+00	2.93E-01	3.16E-03	8.15E-04	8.30E-10	2.14E-10
2.91E+00	8.67E-01	5.42E+00	1.43E+00	1.77E+00	4.08E-01	1.70E+00	4.35E-01	3.41E-01	8.37E-02	2.18E+00	6.43E-01	1.18E+00	3.00E-01	3.04E-03	8.24E-04	7.97E-10	2.16E-10
2.86E+00	8.56E-01	5.44E+00	1.48E+00	1.82E+00	4.30E-01	1.66E+00	4.36E-01	3.36E-01	8.27E-02	2.14E+00	6.29E-01	1.03E+00	3.05E-01	3.02E-03	8.11E-04	7.92E-10	2.13E-10
2.99E+00	8.71E-01	5.49E+00	1.57E+00	2.18E+00	4.99E-01	1.65E+00	4.23E-01	3.41E-01	9.32E-02	2.21E+00	6.30E-01	1.05E+00	3.10E-01	3.01E-03	8.06E-04	7.91E-10	2.11E-10
3.03E+00	8.57E-01	5.56E+00	1.76E+00	2.35E+00	5.51E-01	1.63E+00	4.51E-01	3.55E-01	1.01E-01	2.25E+00	6.41E-01	1.08E+00	3.10E-01	3.16E-03	8.42E-04	8.29E-10	2.21E-10
2.98E+00	8.27E-01	5.32E+00	1.84E+00	2.00E+00	5.34E-01	1.75E+00	4.58E-01	3.28E-01	9.82E-02	2.21E+00	6.51E-01	1.10E+00	3.01E-01	3.34E-03	8.35E-04	8.76E-10	2.19E-10
2.76E+00	7.76E-01	5.42E+00	1.68E+00	1.76E+00	4.27E-01	1.75E+00	4.20E-01	3.28E-01	8.19E-02	2.15E+00	6.85E-01	1.14E+00	2.97E-01	3.24E-03	7.44E-04	8.50E-10	1.95E-10
3.28E+00	7.16E-01	5.52E+00	1.34E+00	1.64E+00	3.75E-01	1.68E+00	3.41E-01	3.28E-01	6.09E-02	2.29E+00	6.91E-01	1.38E+00	2.93E-01	3.14E-03	5.60E-04	8.25E-10	1.47E-10
4.04E+00	5.99E-01	5.51E+00	1.04E+00	1.67E+00	3.67E-01	1.66E+00	2.56E-01	3.09E-01	5.17E-02	2.50E+00	6.24E-01	1.54E+00	2.98E-01	3.03E-03	3.86E-04	7.96E-10	1.01E-10
4.42E+00	5.18E-01	4.96E+00	8.39E-01	1.84E+00	3.60E-01	1.41E+00	2.05E-01	2.94E-01	4.66E-02	2.47E+00	5.08E-01	1.54E+00	2.73E-01	2.46E-03	3.19E-04	6.45E-10	8.37E-11
3.37E+00	3.57E-01	4.53E+00	8.93E-01	1.70E+00	3.11E-01	1.08E+00	1.40E-01	2.72E-01	4.47E-02	2.28E+00	3.38E-01	1.23E+00	1.73E-01	2.06E-03	2.45E-04	5.41E-10	6.43E-11
3.98E+00	2.44E-01	2.96E+00	4.32E-01	1.37E+00	1.51E-01	1.05E+00	1.01E-01	1.89E-01	1.92E-02	2.69E+00	2.54E-01	1.44E+00	1.10E-01	2.02E-03	2.06E-04	5.29E-10	5.42E-11
4.65E+00	2.86E-01	3.11E+00	4.47E-01	1.67E+00	2.27E-01	1.02E+00	7.50E-02	2.08E-01	2.82E-02	3.13E+00	1.97E-01	1.68E+00	9.75E-02	1.86E-03	1.22E-04	4.86E-10	3.19E-11
5.32E+00	3.57E-01	3.61E+00	4.88E-01	1.62E+00	2.01E-01	9.89E-01	8.46E-02	1.95E-01	2.84E-02	3.57E+00	2.47E-01	1.92E+00	1.15E-01	1.81E-03	1.48E-04	4.71E-10	3.89E-11
5.82E+00	4.24E-01	3.76E+00	4.45E-01	2.12E+00	2.23E-01	1.08E+00	9.13E-02	2.34E-01	2.70E-02	3.89E+00	3.00E-01	2.11E+00	1.36E-01	1.90E-03	1.85E-04	4.95E-10	4.86E-11
6.04E+00	4.66E-01	4.19E+00	6.99E-01	2.63E+00	4.66E-01	1.13E+00	1.24E-01	2.86E-01	5.11E-02	4.04E+00	3.78E-01	2.19E+00	1.54E-01	1.95E-03	1.41E-04	5.08E-10	3.68E-11
5.96E+00	5.72E-01	5.88E+00	1.18E+00	4.68E+00	6.46E-01	1.11E+00	1.65E-01	5.12E-01	7.08E-02	3.99E+00	5.76E-01	2.17E+00	2.03E-01	2.05E-03	1.76E-04	5.37E-10	4.62E-11
5.69E+00	5.74E-01	6.73E+00	1.20E+00	4.68E+00	7.07E-01	1.08E+00	1.95E-01	5.16E-01	7.88E-02	3.81E+00	6.17E-01	2.08E+00	2.44E-01	2.35E-03	3.13E-04	6.16E-10	8.23E-11
5.35E+00	5.87E-01	5.04E+00	9.77E-01	3.19E+00	4.54E-01	1.11E+00	2.28E-01	3.53E-01	5.85E-02	3.59E+00	5.54E-01	1.96E+00	2.30E-01	2.07E-03	4.47E-04	5.39E-10	1.17E-10
5.26E+00	5.66E-01	5.68E+00	8.91E-01	3.15E+00	3.02E-01	1.34E+00	2.07E-01	3.80E-01	4.70E-02	3.36E+00	5.46E-01	1.94E+00	2.66E-01	2.34E-03	4.30E-04	6.10E-10	1.13E-10
6.65E+00	7.39E-01	6.72E+00	9.27E-01	3.26E+00	3.66E-01	1.77E+00	2.11E-01	5.03E-01	4.45E-02	4.31E+00	5.63E-01	2.53E+00	2.81E-01	3.04E-03	3.78E-04	7.93E-10	9.93E-11
7.06E+00	8.52E-01	8.50E+00	1.06E+00	3.88E+00	3.91E-01	2.40E+00	2.20E-01	6.31E-01	5.26E-02	4.84E+00	6.23E-01	2.74E+00	3.38E-01	4.28E-03	3.67E-04	1.12E-09	9.62E-11
7.00E+00	8.96E-01	1.01E+01	1.11E+00	4.25E+00	3.77E-01	3.13E+00	2.65E-01	7.49E-01	5.82E-02	5.01E+00	6.93E-01	2.74E+00	3.68E-01	5.88E-03	4.21E-04	1.54E-09	1.11E-10
7.63E+00	9.84E-01	1.20E+01	1.15E+00	4.50E+00	3.77E-01	4.08E+00	3.01E-01	8.82E-01	6.45E-02	4.92E+00	7.97E-01	2.78E+00	4.02E-01	8.04E-03	4.88E-04	2.10E-09	1.28E-10
8.01E+00	1.10E+00	1.36E+01	1.22E+00	4.57E+00	3.81E-01	4.98E+00	3.54E-01	9.94E-01	6.95E-02	5.28E+00	9.14E-01	2.91E+00	4.32E-01	1.02E-02	6.00E-04	2.67E-09	1.58E-10
7.62E+00	1.14E+00	1.44E+01	1.29E+00	4.42E+00	5.05E-01	5.57E+00	3.96E-01	1.05E+00	7.05E-02	5.11E+00	9.54E-01	2.75E+00	4.25E-01	1.16E-02	6.93E-04	3.04E-09	1.82E-10
6.92E+00	1.09E+00	1.46E+01	1.43E+00	4.16E+00	5.85E-01	5.88E+00	4.19E-01	1.06E+00	7.54E-02	4.70E+00	9.22E-01	2.48E+00	3.86E-01	1.24E-02	7.27E-04	3.24E-09	1.91E-10
6.24E+00	9.99E-01	1.42E+01	1.50E+00	3.85E+00	6.17E-01	5.82E+00	4.24E-01	1.02E+00	8.35E-02	4.29E+00	8.45E-01	2.23E+00	3.34E-01	1.23E-02	7.29E-04	3.22E-09	1.91E-10
2.78E+00	8.93E-01	5.29E+00	1.57E+00	1.96E+00	4.31E-01	1.65E+00	4.94E-01	3.64E-01	9.17E-02	2.43E+00	6.07E-01	1.51E+00	3.07E-01	3.28E-03	9.23E-04	8.60E-10	2.42E-10
2.98E+00	9.03E-01	5.59E+00	1.61E+00	2.11E+00	4.39E-01	1.70E+00	5.03E-01	3.84E-01	9.28E-02	2.42E+00	6.12E-01	1.51E+00	3.13E-01	3.24E-03	9.31E-04	8.50E-10	2.44E-10
3.15E+00	8.90E-01	5.88E+00	1.62E+00	2.26E+00	4.34E-01	1.71E+00	5.00E-01	4.02E-01	9.15E-02	2.40E+00	6.03E-01	1.49E+00	3.12E-01	3.21E-03	9.15E-04	8.41E-10	2.40E-10
3.22E+00	8.54E-01	6.02E+00	1.59E+00	2.34E+00	4.19E-01	1.68E+00	4.83E-01	4.04E-01	8.76E-02	2.33E+00	6.00E-01	1.45E+00	3.02E-01	3.10E-03	8.69E-04	8.14E-10	2.28E-10
3.24E+00	8.32E-01	5.92E+00	1.52E+00	2.29E+00	3.87E-01	1.64E+00	4.56E-01	3.88E-01	8.10E-02	2.24E+00	6.06E-01	1.39E+00	2.92E-01	3.18E-03	8.07E-04	8.33E-10	2.12E-10
3.22E+00	8.24E-01	5.70E+00	1.43E+00	2.22E+00	3.75E-01	1.67E+00	4.22E-01	3.63E-01	7.30E-02	2.17E+00	6.34E-01	1.33E+00	2.92E-01	3.18E-03	7.27E-04	8.34E-10	1.91E-10
3.13E+00	8.32E-01	5.64E+00	1.37E+00	2.08E+00	3.76E-01	1.63E+00	4.01E-01	3.52E-01	6.77E-02	2.25E+00	6.62E-01	1.25E+00	2.96E-01	3.02E-03	6.37E-04	7.92E-10	1.67E-10
2.98E+00	8.38E-01	5.52E+00	1.28E+00	1.82E+00	3.55E-01	1.73E+00	3.76E-01	3.30E-01	6.60E-02	2.23E+00	6.71E-01	1.13E+00	3.04E-01	3.27E-03	6.18E-04	8.58E-10	1.62E-10
2.79E+00	8.16E-01	5.29E+00	1.28E+00	1.68E+00	3.82E-01	1.75E+00	3.38E-01	3.15E-01	6.97E-02	2.13E+00	6.59E-01	9.93E-01	3.12E-01	3.21E-03	5.86E-04	8.44E-10	1.54E-10
2.81E+00	7.65E-01	5.05E+00	1.40E+00	1.64E+00	4.19E-01	1.63E+00	3.10E-01	2.99E-01	7.35E-02	2.03E+00	6.16E-01	1.00E+00	3.01E-01	2.93E-03	5.85E-04	7.68E-10	1.54E-10
2.78E+00	6.67E-01	5.23E+00	1.48E+00	1.71E+00	4.52E-01	1.50E+00	3.07E-01	3.05E-01	7.59E-02	2.06E+00	5.44E-01	1.01E+00	2.67E-01	2.87E-03	5.63E-04	7.54E-10	1.48E-10
2.90E+00	5.48E-01	5.29E+00	1.36E+00	2.02E+00	4.14E-01	1.42E+00	2.74E-01	3.24E-01	6.86E-02	2.03E+00	4.96E-01	1.11E+00	2.22E-01	2.72E-03	4.96E-04	7.15E-10	1.30E-10
3.10E+00	4.37E-01	5.30E+00	9.28E-01	1.72E+00	3.62E-01	1.35E+00	1.95E-01	3.05E-01	5.07E-02	2.16E+00	4.80E-01	1.18E+00	1.89E-01	2.55E-03	3.45E-04	6.70E-10	9.06E-11
3.70E+00	2.55E-01	4.31E+00	5.65E-01	1.82E+00	3.14E-01	1.07E+00	1.21E-01	2.66E-01	3.71E-02	2.52E+00	3.35E-01	1.33E+00	1.63E-01	2.08E-03	2.33E-04	5.46E-10	6.11E-11
4.41E+00	2.63E-01	3.07E+00	4.21E-01	9.21E-01	1.21E-01	8.14E-01	7.90E-02	1.44E-01	1.92E-02	3.00E+00	1.82E-01	1.59E+00	9.15E-02	1.57E-03	1.61E-04	4.11E-10	4.24E-11
5.20E+00	3.06E-01	3.58E+00	2.94E-01	9.76E-01	9.53E-02	9.61E-01	7.59E-02	1.42E-01	1.17E-02	3.53E+00	2.11E-01	1.88E+00	1.06E-01	1.41E-03	1.08E-04	3.71E-10	2.82E-11
6.01E+00	3.71E-01	4.07E+00	3.25E-01	1.08E+00	1.14E-01	1.11E+00	8.24E-02	1.37E-01	1.25E-02	4.06E+00	2.55E-01	2.17E+00	1.23E-01	1.49E-03	1.16E-04	3.86E-10	3.02E-11
6.60E+00	4.43E-01	4.39E+00	4.42E-01	2.03E+00	2.65E-01	1.22E+00	9.04E-02	2.23E-01	2.90E-02	4.45E+00	3.03E-01	2.39E+00	1.40E-01	1.58E-03	1.26E-04	4.13E-10	3.29E-11
6.85E+00	5.02E-01	6.71E+00	9.11E-01	6.04E+00	8.12E-01	1.27E+00	1.28E-01	6.61E-01	8.89E-02	4.61E+00	4.68E-01	2.49E+00	1.59E-01	1.62E-03	1.29E-04	4.26E-10	3.36E-11

Scenario 1 Results

6.73E+00	5.40E-01	6.42E+00	9.99E-01	4.87E+00	7.28E-01	1.25E+00	1.54E-01	5.32E-01	7.97E-02	4.53E+00	4.82E-01	2.45E+00	1.75E-01	1.62E-03	1.49E-04	4.24E-10	3.91E-11
6.35E+00	5.21E-01	5.27E+00	6.98E-01	3.48E+00	3.17E-01	1.18E+00	1.57E-01	3.81E-01	3.86E-02	4.28E+00	3.72E-01	2.32E+00	1.61E-01	1.59E-03	3.16E-04	4.13E-10	8.29E-11
5.89E+00	4.61E-01	4.30E+00	6.32E-01	1.96E+00	2.85E-01	1.10E+00	1.53E-01	2.94E-01	3.21E-02	3.97E+00	3.88E-01	2.16E+00	1.56E-01	1.67E-03	2.72E-04	4.33E-10	7.15E-11
6.26E+00	4.84E-01	5.13E+00	7.93E-01	2.71E+00	2.83E-01	1.28E+00	1.56E-01	3.99E-01	3.85E-02	3.97E+00	4.17E-01	2.33E+00	1.98E-01	2.13E-03	2.53E-04	5.54E-10	6.63E-11
5.95E+00	5.97E-01	6.99E+00	9.10E-01	3.37E+00	3.05E-01	1.93E+00	1.99E-01	5.34E-01	4.61E-02	3.83E+00	4.91E-01	2.24E+00	2.10E-01	3.44E-03	2.91E-04	8.99E-10	7.64E-11
4.96E+00	6.80E-01	8.88E+00	1.02E+00	3.76E+00	3.01E-01	2.79E+00	2.32E-01	6.69E-01	4.92E-02	3.52E+00	5.39E-01	1.89E+00	2.27E-01	5.33E-03	3.42E-04	1.39E-09	8.98E-11
5.22E+00	7.09E-01	1.03E+01	1.08E+00	3.86E+00	3.08E-01	3.60E+00	2.59E-01	7.69E-01	5.10E-02	3.75E+00	5.45E-01	1.92E+00	2.30E-01	7.16E-03	4.03E-04	1.88E-09	1.06E-10
5.30E+00	7.21E-01	1.17E+01	1.15E+00	3.84E+00	3.69E-01	4.41E+00	3.00E-01	8.58E-01	5.62E-02	3.84E+00	5.56E-01	1.91E+00	2.34E-01	9.03E-03	4.48E-04	2.37E-09	1.18E-10
5.55E+00	7.33E-01	1.28E+01	1.22E+00	4.40E+00	5.03E-01	5.10E+00	3.45E-01	9.32E-01	6.30E-02	3.69E+00	6.11E-01	1.84E+00	2.74E-01	1.07E-02	5.38E-04	2.81E-09	1.41E-10
7.24E+00	7.80E-01	1.32E+01	1.35E+00	4.54E+00	5.73E-01	5.41E+00	3.85E-01	9.48E-01	7.45E-02	3.86E+00	6.11E-01	2.40E+00	2.93E-01	1.15E-02	6.36E-04	3.02E-09	1.67E-10
8.40E+00	7.95E-01	1.30E+01	1.42E+00	4.37E+00	5.79E-01	5.45E+00	4.09E-01	9.24E-01	8.22E-02	4.49E+00	5.86E-01	2.77E+00	2.91E-01	1.17E-02	7.02E-04	3.05E-09	1.84E-10
9.24E+00	7.63E-01	1.23E+01	1.38E+00	3.82E+00	5.36E-01	5.22E+00	4.10E-01	8.65E-01	8.25E-02	4.97E+00	5.65E-01	3.04E+00	2.74E-01	1.11E-02	7.22E-04	2.92E-09	1.90E-10
2.79E+00	1.02E+00	4.94E+00	1.49E+00	1.72E+00	4.06E-01	1.59E+00	4.90E-01	3.00E-01	8.51E-02	2.24E+00	7.58E-01	1.39E+00	3.53E-01	3.08E-03	8.49E-04	8.07E-10	2.23E-10
2.87E+00	1.03E+00	4.92E+00	1.50E+00	1.73E+00	4.07E-01	1.69E+00	4.87E-01	3.05E-01	8.36E-02	2.25E+00	7.72E-01	1.40E+00	3.63E-01	3.14E-03	8.27E-04	8.23E-10	2.17E-10
2.88E+00	1.02E+00	5.05E+00	1.48E+00	1.64E+00	4.04E-01	1.75E+00	4.74E-01	3.10E-01	8.11E-02	2.26E+00	7.69E-01	1.41E+00	3.65E-01	3.23E-03	8.24E-04	8.45E-10	2.16E-10
2.86E+00	9.87E-01	5.17E+00	1.43E+00	1.78E+00	3.99E-01	1.76E+00	4.52E-01	3.21E-01	8.10E-02	2.25E+00	7.53E-01	1.40E+00	3.61E-01	3.28E-03	8.17E-04	8.59E-10	2.14E-10
2.98E+00	9.53E-01	5.22E+00	1.46E+00	1.88E+00	4.07E-01	1.74E+00	4.21E-01	3.32E-01	8.14E-02	2.23E+00	7.31E-01	1.38E+00	3.55E-01	3.22E-03	7.95E-04	8.44E-10	2.09E-10
3.09E+00	9.44E-01	5.15E+00	1.49E+00	2.03E+00	4.08E-01	1.74E+00	4.10E-01	3.41E-01	8.06E-02	2.20E+00	7.06E-01	1.37E+00	3.48E-01	3.10E-03	7.53E-04	8.11E-10	1.98E-10
3.14E+00	9.58E-01	5.31E+00	1.50E+00	2.19E+00	3.99E-01	1.67E+00	4.02E-01	3.46E-01	7.82E-02	2.14E+00	7.13E-01	1.33E+00	3.59E-01	3.15E-03	7.26E-04	8.27E-10	1.90E-10
3.11E+00	9.61E-01	5.41E+00	1.46E+00	2.22E+00	3.73E-01	1.76E+00	3.82E-01	3.39E-01	7.29E-02	2.09E+00	7.11E-01	1.28E+00	3.68E-01	3.38E-03	6.75E-04	8.86E-10	1.77E-10
3.03E+00	9.40E-01	5.29E+00	1.35E+00	1.93E+00	3.14E-01	1.76E+00	3.45E-01	3.23E-01	6.26E-02	2.09E+00	6.95E-01	1.21E+00	3.70E-01	3.31E-03	5.97E-04	8.70E-10	1.57E-10
2.91E+00	8.62E-01	5.36E+00	1.20E+00	1.70E+00	2.85E-01	1.66E+00	2.89E-01	3.11E-01	5.37E-02	2.09E+00	6.42E-01	1.13E+00	3.48E-01	3.01E-03	4.79E-04	7.90E-10	1.26E-10
2.87E+00	7.24E-01	5.32E+00	1.02E+00	1.57E+00	2.59E-01	1.55E+00	2.41E-01	2.98E-01	4.62E-02	2.15E+00	5.58E-01	1.05E+00	3.02E-01	2.81E-03	3.97E-04	7.36E-10	1.04E-10
2.78E+00	5.68E-01	5.00E+00	9.91E-01	1.75E+00	3.76E-01	1.31E+00	1.90E-01	2.74E-01	5.71E-02	2.07E+00	4.66E-01	1.06E+00	2.48E-01	2.40E-03	3.41E-04	6.29E-10	8.95E-11
3.28E+00	4.30E-01	4.61E+00	1.12E+00	1.92E+00	4.42E-01	1.07E+00	1.95E-01	2.76E-01	6.38E-02	2.24E+00	3.66E-01	1.18E+00	1.99E-01	2.05E-03	3.33E-04	5.37E-10	8.74E-11
3.95E+00	2.59E-01	4.05E+00	7.47E-01	1.40E+00	2.46E-01	9.78E-01	1.49E-01	2.33E-01	3.84E-02	2.71E+00	2.15E-01	1.42E+00	1.09E-01	1.95E-03	2.83E-04	5.11E-10	7.43E-11
4.74E+00	2.78E-01	3.41E+00	2.72E-01	9.44E-01	6.32E-02	8.69E-01	7.02E-02	1.39E-01	1.12E-02	3.25E+00	1.93E-01	1.71E+00	9.67E-02	1.46E-03	1.52E-04	3.84E-10	3.99E-11
5.62E+00	3.23E-01	4.01E+00	2.95E-01	1.01E+00	7.31E-02	1.03E+00	7.61E-02	1.42E-01	1.20E-02	3.85E+00	2.24E-01	2.03E+00	1.12E-01	1.17E-03	1.11E-04	3.04E-10	2.89E-11
6.50E+00	3.78E-01	4.57E+00	3.26E-01	1.13E+00	9.81E-02	1.19E+00	8.24E-02	1.41E-01	1.28E-02	4.45E+00	2.63E-01	2.35E+00	1.29E-01	1.23E-03	1.19E-04	3.20E-10	3.09E-11
7.15E+00	4.35E-01	4.93E+00	3.90E-01	2.59E+00	3.22E-01	1.31E+00	8.85E-02	2.84E-01	3.53E-02	4.88E+00	3.00E-01	2.59E+00	1.44E-01	1.28E-03	1.26E-04	3.31E-10	3.27E-11
7.40E+00	4.82E-01	5.03E+00	5.55E-01	3.98E+00	4.25E-01	1.36E+00	1.06E-01	4.36E-01	4.64E-02	5.04E+00	3.29E-01	2.69E+00	1.53E-01	1.31E-03	1.32E-04	3.44E-10	3.45E-11
7.24E+00	4.67E-01	4.86E+00	4.86E-01	2.32E+00	2.84E-01	1.34E+00	1.20E-01	2.54E-01	3.10E-02	4.92E+00	3.17E-01	2.64E+00	1.51E-01	1.30E-03	1.38E-04	3.37E-10	3.59E-11
7.51E+00	6.75E-01	4.51E+00	5.77E-01	2.69E+00	2.66E-01	1.44E+00	1.34E-01	2.93E-01	3.17E-02	4.62E+00	4.59E-01	2.71E+00	2.59E-01	1.34E-03	1.42E-04	3.46E-10	3.70E-11
8.12E+00	8.03E-01	4.61E+00	6.62E-01	2.65E+00	2.41E-01	1.54E+00	1.60E-01	2.95E-01	3.39E-02	5.11E+00	5.42E-01	3.01E+00	2.97E-01	1.69E-03	1.62E-04	4.43E-10	4.26E-11
8.42E+00	7.97E-01	4.76E+00	7.45E-01	2.59E+00	2.45E-01	1.60E+00	1.60E-01	3.51E-01	3.72E-02	5.42E+00	5.39E-01	3.17E+00	2.85E-01	2.28E-03	2.20E-04	5.93E-10	5.78E-11
7.79E+00	7.50E-01	6.15E+00	8.59E-01	3.15E+00	2.73E-01	2.00E+00	1.81E-01	4.73E-01	4.21E-02	5.08E+00	5.10E-01	2.96E+00	2.58E-01	3.92E-03	2.60E-04	1.03E-09	6.82E-11
6.24E+00	6.99E-01	7.90E+00	9.53E-01	3.36E+00	2.85E-01	2.87E+00	1.99E-01	5.94E-01	4.48E-02	4.13E+00	4.97E-01	2.40E+00	2.29E-01	5.92E-03	2.93E-04	1.55E-09	7.70E-11
4.60E+00	6.73E-01	9.03E+00	9.83E-01	3.20E+00	2.76E-01	3.52E+00	2.24E-01	6.65E-01	4.53E-02	3.09E+00	5.25E-01	1.80E+00	2.42E-01	7.40E-03	3.39E-04	1.94E-09	8.90E-11
5.58E+00	7.17E-01	9.68E+00	1.03E+00	2.98E+00	2.80E-01	3.96E+00	2.60E-01	6.99E-01	5.04E-02	3.07E+00	5.42E-01	1.88E+00	2.49E-01	8.41E-03	4.16E-04	2.20E-09	1.09E-10
7.50E+00	7.56E-01	1.02E+01	1.08E+00	2.81E+00	3.02E-01	4.28E+00	2.93E-01	7.25E-01	5.54E-02	4.11E+00	5.59E-01	2.50E+00	2.55E-01	9.22E-03	4.87E-04	2.41E-09	1.28E-10
8.79E+00	7.78E-01	1.01E+01	1.11E+00	2.65E+00	3.17E-01	4.34E+00	3.27E-01	7.17E-01	5.99E-02	4.81E+00	5.63E-01	2.91E+00	2.57E-01	9.39E-03	5.67E-04	2.46E-09	1.49E-10
9.39E+00	7.75E-01	9.70E+00	1.12E+00	2.57E+00	3.18E-01	4.18E+00	3.51E-01	6.80E-01	6.25E-02	5.15E+00	5.53E-01	3.08E+00	2.52E-01	9.05E-03	6.25E-04	2.37E-09	1.64E-10
9.67E+00	7.55E-01	9.11E+00	1.11E+00	2.46E+00	3.18E-01	3.91E+00	3.60E-01	6.28E-01	6.31E-02	5.34E+00	5.32E-01	3.15E+00	2.42E-01	8.42E-03	6.52E-04	2.20E-09	1.71E-10
2.89E+00	1.03E+00	5.29E+00	1.79E+00	1.70E+00	4.80E-01	1.68E+00	5.30E-01	3.22E-01	9.63E-02	2.09E+00	7.47E-01	1.27E+00	3.32E-01	3.33E-03	9.22E-04	8.72E-10	2.42E-10
2.99E+00	1.07E+00	5.30E+00	1.77E+00	1.74E+00	4.77E-01	1.76E+00	5.21E-01	3.15E-01	9.55E-02	2.17E+00	7.78E-01	1.29E+00	3.49E-01	3.45E-03	9.20E-04	9.04E-10	2.41E-10
3.03E+00	1.08E+00	5.15E+00	1.73E+00	1.78E+00	4.72E-01	1.84E+00	5.14E-01	3.27E-01	9.40E-02	2.22E+00	7.90E-01	1.31E+00	3.56E-01	3.59E-03	9.01E-04	9.41E-10	2.37E-10
3.08E+00	1.08E+00	5.09E+00	1.67E+00	1.78E+00	4.60E-01	1.89E+00	4.96E-01	3.37E-01	9.07E-02	2.29E+00	8.02E-01	1.32E+00	3.64E-01	3.66E-03	8.68E-04	9.60E-10	2.28E-10
3.06E+00	1.09E+00	5.31E+00	1.63E+00	1.71E+00	4.38E-01	1.91E+00	4.72E-01	3.41E-01	8.72E-02	2.32E+00	8.19E-01	1.32E+00	3.76E-01	3.60E-03	8.28E-04	9.45E-10	2.17E-10
2.96E+00	1.09E+00	5.48E+00	1.58E+00	1.62E+00	4.27E-01	1.90E+00	4.57E-01	3.37E-01	8.46E-02	2.30E+00	8.28E-01	1.32E+00	3.85E-01	3.53E-03	7.91E-04	9.26E-10	2.08E-10
2.99E+00	1.09E+00	5.46E+00	1.56E+00	1.58E+00	4.11E-01	1.83E+00	4.36E-01	3.15E-01	8.03E-02	2.32E+00	8.44E-01	1.31E+00	3.96E-01	3.33E-03	7.41E-04	8.72E-10	1.94E-10
2.95E+00	1.06E+00	5.13E+00	1.50E+00	1.51E+00	3.80E-01	1.76E+00	4.05E-01	3.28E-01	7.37E-02	2.29E+00	8.38E-01	1.28E+00	3.97E-01	3.35E-03	6.76E-04	8.79E-10	1.77E-10
3.27E+00	9.98E-01	5.31E+00	1.41E+00	1.51E+00	3.31E-01	1.75E+00	3.65E-01	3.23E-01	6.45E-02	2.15E+00	8.19E-01	1.25E+00	3.93E-01	3.28E-03	5.98E-04	8.60E-10	1.57E-10
3.28E+00	9.03E-01	5.50E+00	1.31E+00	1.59E+00	3.24E-01	1.69E+00	3.14E-01	3.21E-01	5.89E-02	2.19E+00	7.68E-01	1.21E+00	3.68E-01	3.05E-03	4.99E-04	8.02E-10	1.31E-10
3.00E+00	7.61E-01	5.60E+00	1.18E+00	1.65E+00	3.20E-01	1.60E+00	2.68E-01	3.18E-01	5.51E-02	2.11E+00	6.70E-01	1.16E+00	3.17E-01	2.86E-03	4.31E-04	7.51E-10	1.13E-10
2.83E+00	5.74E-01	5.31E+00	1.02E+00	1.65E+00	3.12E-01	1.37E+00	2.09E-01	2.96E-01	4.96E-02	2.04E+00	5.58E-01	1.10E+00	2.59E-01	2.49E-03	3.48E-04	6.55E-10	9.15E-11
3.40E+00	3.87E-01	4.76E+00	8.13E-01	1.60E+00	2.75E-01	1.14E+00	1.58E-01	2.74E-01	4.20E-02	2.34E+00	4.42E-01	1.22E+00	2.06E-01	2.12E-03	2.72E-04	5.57E-10	7.14E-11
4.09E+00	2.45E-01	3.32E+00	4.88E-01	9.52E-01	1.27E-01	8.32E-01	1.03E-01	1.62E-01	2.33E-02	2.82E+00	2.33E-01	1.47E+00	1.14E-01	1.72E-03	2.02E-04	4.50E-10	5.31E-11
4.92E+00	2.86E-01	3.67E+00	2.61E-01	9.58E-01	6.63E-02	8.96E-01	6.97E-02	1.47E-01	1.15E-02	3.40E+00	2.00E-01	1.77E+00	9.94E-02	1.18E-03	1.07E-04	3.08E-10	2.78E-11
5.83E+00	3.33E-01	4.32E+00	2.89E-01	1.03E+00	7.70E-02	1.06E+00	7.50E-02	1.49E-01	1.22E-02	4.03E+00	2.32E-01	2.10E+00	1.16E-01	1.18E-03	1.14E-04	3.10E-10	2.97E-11
6.67E+00	3.78E-01	4.89E+00	3.15E-01	1.15E+00	8.86E-02	1.21E+00	8.06E-02	1.46E-01	1.29E-02	4.62E+00	2.65E-01	2.41E+00	1.31E-01	1.21E-03	1.21E-04	3.17E-10	3.16E-11
7.31E+00	4.12E-01	5.26E+00	3.38E-01	1.24E+00	9.22E-02	1.33E+00	8.62E-02	1.41E-01	1.37E-02	5.05E+00	2.88E-01	2.65E+00	1.44E-01	1.21E-03	1.29E-04	3.16E-10	3.35E-11
7.55E+00	4.26E-01	6.09E+00	4.37E-01	5.58E+00	3.97E-01	1.38E+00	9.10E-02	6.11E-01	4.35E-02	5.20E+00	2.97E-01	2.75E+00	1.49E-01	1.18E-03	1.35E-04	3.08E-10	3.52E-11
7.41E+00	4.24E-01	7.09E+00	5.93E-01	5.94E+00	4.94E-01	1.36E+00	9.46E-02	6.49E-01	5.41E-02	5.09E+00	4.58E-01	2.70E+00	1.54E-01	1.23E-03	1.40E-04	3.23E-10	3.66E-11
1.17E+01	5.99E-01	6.83E+00	6.54E-01	5.22E+00	4.76E-01	2.25E+00	1.25E-01	5.71E-01	5.22E-02	7.26E+00	5.03E-01	4.30E+00	2.24E-01	1.28E-03	1.45E-04	3.35E-10	3.77E-11
9.64E+00	6.13E-01	6.54E+00	7.53E-01	4.40E+00	4.28E-01	1.84E+00	1.27E-01	4.96E-01	4.80E-02	6.16E+00	5.81E-01	3.62E+00	2.38E-01	1.57E-03	1.48E-04	4.07E-10	3.85E-11
9.03E+00	8.30E-01	6.21E+00	8.37E-01	3.60E+00	3.80E-01	1.71E+00	1.84E-01	4.38E-01	4.46E-02	5.96E+00	6.49E-01	3.47E+00	2.93E-01	2.16E-03	1.54E-04	5.63E-10	4.04E-11
8.36E+00	9.19E-01	6.13E+00	8.86E-01	3.28E+00	3.48E-01	1.59E+00	2.23E-01	4.22E-01	4.37E-02	5.56E+00	6.57E-01	3.24E+00	3.09E-01	3.38E-03	1.98E-04	8.82E-10	5.19E-11
6.51E+00	8.94E-01	6.01E+00	8.80E-01	3.34E+00	3.25E-01	2.17E+00	2.34E-01	4.14E-01	4.31E-02	4.38E+00	6.12E-01	2.55E+00	2.89E-01	4.73E-03	2.41E-04	1.24E-09	6.33E-11
4.70E+00	8.22E-01	6.27E+00	9.45E-01	3.22E+00	3.04E-01	2.54E+00	2.34E-01	4.45E-01	4.50E-02	3.20E+00	5.52E-01	1.86E+00	2.59E-01	5.56E-03	2.77E-04	1.46E-09	7.26E-11
4.28E+00	7.50E-01	6.55E+00	1.01E+00	3.10E+00	3.11E-01	2.65E+00	2.59E-01	4.45E-01	5.00E-02	2.90E+00	5.59E-01	1.58E+00	2.44E-01	5.81E-03	3.38E-04	1.52E-09	8.87E-11
4.10E+00	7.48E-01	6.72E+00	1.09E+00	3.18E+00	3.39E-01	2.76E+00	2.95E-01	4.50E-01	5.62E-02	2.88E+00	5.82E-01	1.51E+00	2.54E-01	6.06E-03	4.01E-04	1.59E-09	1.05E-10
5.02E+00	7.79E-01	6.79E+00	1.14E+00	3.29E+00	3.55E-01	2.75E+00	3.25E-01	4.60E-01	6.07E-02	3.00E+00	5.90E-01	1.61E+00	2.58E-01	6.04E-03	4.58E-04	1.58E-09	1.20E-10
5.48E+00	7.92E-01	7.08E+00	1.17E+00	3.31E+00	3.59E-01	2.71E+00	3.50E-01	5.03E-01	6.38E-02	3.14E+00	5.88E-01	1.75E+00	2.58E-01	5.87E-03	5.10E-04	1.54E-09	1.34E-10
5.70E+00	7.88E-01	7.61E+00	1.18E+00	3.24E+00	3.58E-01	2.99E+00	3.65E-01	5.39E-01	6.55E-02	3.32E+00	5.75E-01	1.83E+00	2.53E-01	6.52E-03	5.46E-04	1.71E-09	1.43E-10
3.24E+00	1.04E+00	5.92E+00	1.95E+00	2.04E+00	5.79E-01	1.85E+00	6.03E-01	3.89E-01	1.13E-01	2.31E+00	7.62E-01	1.16E+00	3.05E-01	3.43E-03	1.09E-03	8.99E-10	2.86E-10
3.38E+00	1.06E+00	6.02E+00	1.97E+00	2.08E+00	5.76E-01	1.85E+00	6.07E-01	3.92E-01	1.12E-01	2.44E+00	7.80E-01	1.18E+00	3.13E-01	3.58E-03	1.09E-03	9.39E-10	2.86E-10
3.42E+00	1.05E+00	6.00E+00	1.96E+00	2.10E+00	5.69E-01	1.88E+00	5.98E-01	3.89E-01	1.10E-01	2.49E+00	7.78E-01	1.20E+00	3.12E-01	3.77E-03	1.07E-03	9.88E-10	2.80E-10
3.73E+00	1.05E+00	6.00E+00	1.94E+00	2.11E+00	5.59E-01	1.95E+00	5.79E-01	3.83E-01	1.07E-01	2.53E+00	7.79E-01	1.34E+00	3.12E-01	3.89E-03	1.03E-03	1.02E-09	2.70E-10
4.18E+00	1.04E+00	5.90E+00	1.92E+00	2.06E+00	5.45E-01	1.98E+00	5.55E-01	3.70E-01	1.03E-01	2.54E+00	7.85E-01	1.50E+00	3.15E-01	3.87E-03	9.79E-04	1.01E-09	2.57E-10
4.50E+00	1.07E+00	5.69E+00	1.88E+00	2.00E+00	5.25E-01	1.97E+00	5.14E-01	3.56E-01	9.72E-02	2.62E+00	7.85E-01	1.62E+00	3.31E-01	3.78E-03	8.97E-04	9.90E-10	2.35E-10
4.74E+00	1.09E+00	5.62E+00	1.81E+00	1.92E+00	5.19E-01	1.88E+00	4.63E-01	3.32E-01	8.98E-02	2.78E+00	8.10E-01	1.72E+00	3.45E-01	3.54E-03	7.81E-04	9.27E-10	2.05E-10
4.82E+00	1.08E+00	5.14E+00	1.71E+00	1.77E+00	4.93E-01	1.71E+00	4.19E-01	3.15E-01	8.09E-02	2.86E+00	8.13E-01	1.77E+00	3.46E-01	3.32E-03	7.00E-04	8.72E-10	1.84E-10
4.61E+00	1.01E+00	5.05E+00	1.58E+00	1.47E+00	4.23E-01	1.65E+00	3.76E-01	3.07E-01	6.99E-02	2.79E+00	7.88E-01	1.72E+00	3.39E-01	3.26E-03	6.27E-04	8.55E-10	1.65E-10
3.82E+00	8.96E-01	5.17E+00	1.46E+00	1.50E+00	3.88E-01	1.58E+00	3.07E-01	3.02E-01	6.43E-02	2.38E+00	7.29E-01	1.47E+00	3.09E-01	3.09E-03	5.37E-04	8.11E-10	1.41E-10
2.90E+00	7.40E-01	5.25E+00	1.32E+00	1.56E+00	3.90E-01	1.50E+00	2.55E-01	2.97E-01	6.13E-02	2.14E+00	6.34E-01	1.22E+00	2.52E-01	2.96E-03	4.77E-04	7.77E-10	1.25E-10
2.88E+00	5.70E-01	4.96E+00	1.15E+00	1.62E+00	4.01E-01	1.29E+00	2.04E-01	2.77E-01	5.65E-02	1.99E+00	5.14E-01	1.18E+00	2.25E-01	2.58E-03	3.90E-04	6.78E-10	1.02E-10
3.44E+00	4.54E-01	4.45E+00	9.12E-01	1.54E+00	3.52E-01	1.11E+00	1.64E-01	2.48E-01	4.75E-02	2.38E+00	4.08E-01	1.24E+00	1.89E-01	2.23E-03	3.17E-04	5.85E-10	8.33E-11
4.12E+00	3.38E-01	3.46E+00	4.89E-01	9.34E-01	1.21E-01	8.35E-01	1.13E-01	1.50E-01	2.17E-02	2.85E+00	2.93E-01	1.48E+00	1.54E-01	1.83E-03	2.42E-04	4.79E-10	6.34E-11
4.93E+00	2.86E-01	3.77E+00	2.49E-01	9.56E-01	6.75E-02	8.91E-01	6.79E-02	1.51E-01	1.15E-02	3.42E+00	2.00E-01	1.76E+00	1.04E-01	1.18E-03	1.14E-04	3.09E-10	2.99E-11
5.79E+00	3.30E-01	4.44E+00	2.77E-01	1.03E+00	7.77E-02	1.04E+00	7.29E-02	1.52E-01	1.21E-02	4.04E+00	2.32E-01	2.08E+00	1.15E-01	1.21E-03	1.16E-04	3.18E-10	3.01E-11
6.56E+00	3.71E-01	5.00E+00	3.12E-01	1.13E+00	8.69E-02	1.18E+00	7.84E-02	1.49E-01	1.31E-02	4.58E+00	2.61E-01	2.37E+00	1.29E-01	1.23E-03	1.23E-04	3.23E-10	3.21E-11
7.13E+00	4.02E-01	5.34E+00	3.34E-01	1.91E+00	2.35E-01	1.29E+00	8.35E-02	2.09E-01	2.57E-02	4.98E+00	2.83E-01	2.58E+00	1.40E-01	1.22E-03	1.30E-04	3.21E-10	3.40E-11
7.34E+00	6.86E-01	8.63E+00	1.43E+00	7.79E+00	1.26E+00	1.33E+00	1.36E-01	8.52E-01	1.38E-01	5.11E+00	5.11E-01	2.67E+00	1.45E-01	1.19E-03	1.37E-04	3.11E-10	3.56E-11
7.24E+00	6.86E-01	9.26E+00	1.44E+00	7.73E+00	1.20E+00	1.32E+00	1.32E-01	8.45E-01	1.31E-01	5.03E+00	5.54E-01	2.64E+00	1.45E-01	1.25E-03	1.43E-04	3.28E-10	3.73E-11
1.07E+01	5.94E-01	8.30E+00	1.27E+00	6.38E+00	9.75E-01	2.14E+00	1.20E-01	7.05E-01	1.08E-01	5.66E+00	6.17E-01	3.56E+00	1.67E-01	1.30E-03	1.49E-04	3.40E-10	3.87E-11

Scenario 1 Results

7.33E+00	5.43E-01	7.55E+00	1.14E+00	5.18E+00	7.69E-01	1.46E+00	1.37E-01	5.96E-01	8.86E-02	4.75E+00	6.16E-01	2.74E+00	1.83E-01	1.32E-03	1.52E-04	3.47E-10	3.96E-11
7.44E+00	5.92E-01	6.83E+00	1.07E+00	4.21E+00	6.14E-01	1.42E+00	1.79E-01	5.15E-01	7.56E-02	5.09E+00	6.08E-01	2.95E+00	2.08E-01	1.44E-03	1.81E-04	3.79E-10	4.74E-11
6.89E+00	6.94E-01	6.58E+00	1.07E+00	3.53E+00	5.20E-01	1.31E+00	2.30E-01	4.78E-01	6.89E-02	4.72E+00	6.19E-01	2.74E+00	2.39E-01	2.04E-03	2.54E-04	5.36E-10	6.67E-11
5.38E+00	7.59E-01	6.41E+00	1.04E+00	3.23E+00	4.53E-01	1.41E+00	2.61E-01	4.63E-01	6.37E-02	3.71E+00	6.04E-01	2.15E+00	2.51E-01	2.46E-03	2.96E-04	6.44E-10	7.77E-11
4.77E+00	7.89E-01	6.27E+00	1.01E+00	3.17E+00	4.00E-01	1.47E+00	2.79E-01	4.39E-01	5.93E-02	3.25E+00	5.83E-01	1.76E+00	2.54E-01	2.88E-03	3.24E-04	7.51E-10	8.51E-11
4.38E+00	7.88E-01	6.54E+00	9.82E-01	3.12E+00	3.60E-01	1.56E+00	2.94E-01	4.33E-01	5.67E-02	2.96E+00	5.56E-01	1.63E+00	2.49E-01	2.93E-03	3.58E-04	7.64E-10	9.40E-11
4.06E+00	7.68E-01	6.63E+00	1.01E+00	3.03E+00	3.31E-01	1.69E+00	3.03E-01	4.41E-01	5.49E-02	2.75E+00	5.26E-01	1.52E+00	2.40E-01	3.53E-03	3.89E-04	9.26E-10	1.02E-10
4.15E+00	7.16E-01	6.71E+00	1.10E+00	2.96E+00	3.37E-01	2.02E+00	3.02E-01	4.48E-01	5.62E-02	2.75E+00	5.47E-01	1.53E+00	2.31E-01	4.25E-03	4.11E-04	1.11E-09	1.08E-10
3.96E+00	7.30E-01	6.67E+00	1.14E+00	2.98E+00	3.50E-01	2.26E+00	3.15E-01	4.43E-01	6.03E-02	2.79E+00	5.59E-01	1.43E+00	2.38E-01	4.76E-03	4.69E-04	1.25E-09	1.23E-10
3.62E+00	7.40E-01	6.65E+00	1.16E+00	2.94E+00	3.52E-01	2.44E+00	3.34E-01	4.36E-01	6.25E-02	2.79E+00	5.56E-01	1.33E+00	2.38E-01	5.13E-03	5.21E-04	1.35E-09	1.37E-10
3.94E+00	8.98E-01	6.18E+00	1.96E+00	2.15E+00	5.81E-01	1.83E+00	6.21E-01	3.85E-01	1.19E-01	2.34E+00	6.44E-01	1.43E+00	2.67E-01	3.33E-03	1.15E-03	8.73E-10	3.02E-10
4.38E+00	9.46E-01	6.22E+00	1.96E+00	2.16E+00	5.70E-01	1.78E+00	6.17E-01	3.81E-01	1.18E-01	2.60E+00	6.68E-01	1.60E+00	2.81E-01	3.48E-03	1.15E-03	9.11E-10	3.00E-10
4.75E+00	9.69E-01	6.10E+00	1.91E+00	2.13E+00	5.79E-01	1.79E+00	5.97E-01	3.71E-01	1.14E-01	2.83E+00	6.89E-01	1.74E+00	2.86E-01	3.67E-03	1.11E-03	9.61E-10	2.91E-10
4.92E+00	9.88E-01	5.96E+00	1.87E+00	2.06E+00	5.94E-01	1.85E+00	5.78E-01	3.55E-01	1.13E-01	2.96E+00	7.09E-01	1.82E+00	2.88E-01	3.79E-03	1.06E-03	9.93E-10	2.78E-10
5.06E+00	1.00E+00	5.66E+00	1.88E+00	1.90E+00	5.97E-01	1.86E+00	5.66E-01	3.38E-01	1.12E-01	3.08E+00	7.29E-01	1.90E+00	2.88E-01	3.77E-03	1.01E-03	9.87E-10	2.64E-10
4.93E+00	1.00E+00	5.53E+00	1.88E+00	1.88E+00	5.93E-01	1.83E+00	5.41E-01	3.36E-01	1.08E-01	3.04E+00	7.40E-01	1.87E+00	2.88E-01	3.68E-03	9.32E-04	9.64E-10	2.45E-10
4.42E+00	9.71E-01	5.56E+00	1.83E+00	1.92E+00	5.75E-01	1.91E+00	4.97E-01	3.42E-01	1.02E-01	2.79E+00	7.32E-01	1.72E+00	2.81E-01	3.54E-03	8.29E-04	9.27E-10	2.18E-10
3.65E+00	9.05E-01	5.53E+00	1.73E+00	1.86E+00	5.32E-01	1.90E+00	4.44E-01	3.31E-01	9.26E-02	2.39E+00	6.94E-01	1.46E+00	2.78E-01	3.49E-03	7.24E-04	9.15E-10	1.90E-10
3.18E+00	7.96E-01	5.32E+00	1.58E+00	1.59E+00	4.38E-01	1.77E+00	3.86E-01	2.98E-01	7.82E-02	2.28E+00	6.24E-01	1.21E+00	2.98E-01	3.25E-03	6.40E-04	8.51E-10	1.68E-10
3.24E+00	7.86E-01	5.09E+00	1.34E+00	1.33E+00	3.48E-01	1.56E+00	2.99E-01	2.84E-01	6.14E-02	2.41E+00	6.01E-01	1.22E+00	2.98E-01	2.93E-03	5.04E-04	7.69E-10	1.32E-10
3.05E+00	7.31E-01	4.94E+00	1.12E+00	1.37E+00	2.98E-01	1.44E+00	2.79E-01	2.69E-01	5.20E-02	2.34E+00	5.81E-01	1.22E+00	2.64E-01	2.80E-03	4.18E-04	7.35E-10	1.10E-10
3.42E+00	6.69E-01	4.81E+00	1.00E+00	1.53E+00	2.77E-01	1.35E+00	2.46E-01	2.57E-01	4.71E-02	2.51E+00	5.29E-01	1.21E+00	2.53E-01	2.42E-03	3.56E-04	6.36E-10	9.35E-11
3.41E+00	5.95E-01	4.76E+00	9.04E-01	1.86E+00	2.75E-01	1.22E+00	2.04E-01	2.56E-01	4.51E-02	2.58E+00	4.98E-01	1.23E+00	2.18E-01	2.26E-03	3.30E-04	5.93E-10	8.67E-11
4.05E+00	4.79E-01	4.05E+00	6.92E-01	1.41E+00	2.34E-01	1.07E+00	1.68E-01	2.09E-01	3.28E-02	2.81E+00	4.16E-01	1.45E+00	2.19E-01	2.19E-03	3.21E-04	5.76E-10	8.42E-11
4.77E+00	3.69E-01	3.73E+00	3.69E-01	9.39E-01	7.68E-02	8.61E-01	9.73E-02	1.50E-01	1.25E-02	3.33E+00	3.91E-01	1.71E+00	2.09E-01	1.57E-03	2.19E-04	4.11E-10	5.74E-11
5.52E+00	3.17E-01	4.33E+00	2.69E-01	1.01E+00	7.49E-02	9.92E-01	6.97E-02	1.51E-01	1.16E-02	3.87E+00	2.81E-01	1.98E+00	1.54E-01	1.21E-03	1.15E-04	3.17E-10	3.00E-11
6.21E+00	3.53E-01	4.85E+00	3.00E-01	1.10E+00	8.23E-02	1.11E+00	7.44E-02	1.48E-01	1.23E-02	4.36E+00	2.49E-01	2.24E+00	1.23E-01	1.23E-03	1.23E-04	3.22E-10	3.19E-11
6.68E+00	3.79E-01	5.15E+00	3.20E-01	1.18E+00	1.16E-01	1.20E+00	7.91E-02	1.40E-01	1.33E-02	4.69E+00	2.68E-01	2.42E+00	1.32E-01	1.21E-03	1.30E-04	3.18E-10	3.38E-11
6.90E+00	3.95E-01	5.22E+00	4.00E-01	1.59E+00	2.21E-01	1.25E+00	8.33E-02	1.72E-01	2.39E-02	4.84E+00	2.79E-01	2.51E+00	1.38E-01	1.18E-03	1.36E-04	3.09E-10	3.55E-11
6.88E+00	3.99E-01	5.07E+00	4.40E-01	2.30E+00	2.31E-01	1.32E+00	8.83E-02	2.52E-01	2.52E-02	4.80E+00	2.91E-01	2.64E+00	1.39E-01	1.24E-03	1.44E-04	3.26E-10	3.76E-11
9.95E+00	4.61E-01	4.77E+00	6.34E-01	3.40E+00	4.92E-01	1.98E+00	9.61E-02	3.72E-01	5.40E-02	5.48E+00	3.49E-01	3.41E+00	1.81E-01	1.29E-03	1.52E-04	3.37E-10	3.96E-11
1.58E+01	7.14E-01	5.77E+00	8.64E-01	3.98E+00	6.06E-01	3.16E+00	1.43E-01	4.34E-01	6.85E-02	8.61E+00	3.92E-01	5.39E+00	2.45E-01	1.31E-03	1.58E-04	3.44E-10	4.11E-11
1.61E+01	7.12E-01	5.99E+00	9.68E-01	3.54E+00	6.02E-01	3.22E+00	1.43E-01	4.22E-01	7.21E-02	8.58E+00	4.48E-01	5.39E+00	2.39E-01	1.48E-03	1.61E-04	3.88E-10	4.19E-11
1.03E+01	6.07E-01	6.42E+00	1.04E+00	3.81E+00	5.76E-01	2.06E+00	1.80E-01	4.47E-01	7.35E-02	5.46E+00	4.95E-01	3.43E+00	2.53E-01	2.11E-03	2.21E-04	5.53E-10	5.81E-11
5.34E+00	6.12E-01	6.38E+00	1.08E+00	3.66E+00	5.40E-01	1.43E+00	2.27E-01	4.52E-01	7.30E-02	3.54E+00	5.29E-01	1.91E+00	2.52E-01	2.57E-03	2.92E-04	6.73E-10	7.68E-11
4.75E+00	6.52E-01	6.09E+00	1.07E+00	3.31E+00	4.91E-01	1.50E+00	2.54E-01	4.30E-01	6.96E-02	3.25E+00	5.34E-01	1.76E+00	2.38E-01	2.79E-03	3.33E-04	7.31E-10	8.74E-11
4.41E+00	6.96E-01	6.52E+00	1.07E+00	3.06E+00	4.56E-01	1.60E+00	2.84E-01	4.58E-01	6.82E-02	2.98E+00	5.43E-01	1.65E+00	2.31E-01	3.05E-03	3.83E-04	8.01E-10	1.01E-10
4.81E+00	7.27E-01	6.84E+00	1.07E+00	3.09E+00	4.22E-01	1.77E+00	3.11E-01	4.77E-01	6.70E-02	3.17E+00	5.43E-01	1.80E+00	2.36E-01	3.29E-03	4.31E-04	8.63E-10	1.13E-10
4.95E+00	7.16E-01	6.73E+00	1.04E+00	3.28E+00	3.81E-01	1.87E+00	3.22E-01	4.67E-01	6.40E-02	3.20E+00	5.18E-01	1.84E+00	2.37E-01	3.48E-03	4.62E-04	9.14E-10	1.21E-10
4.79E+00	6.77E-01	6.48E+00	1.03E+00	3.24E+00	3.36E-01	2.04E+00	3.19E-01	4.48E-01	5.95E-02	3.05E+00	4.93E-01	1.77E+00	2.25E-01	3.96E-03	4.71E-04	1.04E-09	1.24E-10
4.47E+00	6.50E-01	6.45E+00	1.05E+00	3.11E+00	3.16E-01	2.22E+00	3.04E-01	4.35E-01	5.79E-02	2.83E+00	4.98E-01	1.65E+00	2.08E-01	4.30E-03	5.06E-04	1.13E-09	1.33E-10
4.48E+00	8.61E-01	5.82E+00	1.74E+00	1.99E+00	5.55E-01	1.78E+00	5.76E-01	3.73E-01	1.11E-01	2.73E+00	6.29E-01	1.67E+00	2.76E-01	3.37E-03	1.07E-03	8.85E-10	2.79E-10
4.68E+00	8.75E-01	5.89E+00	1.81E+00	2.10E+00	5.67E-01	1.76E+00	5.91E-01	3.75E-01	1.14E-01	2.87E+00	6.41E-01	1.76E+00	2.77E-01	3.23E-03	1.07E-03	8.47E-10	2.81E-10
4.67E+00	8.75E-01	6.01E+00	1.82E+00	2.14E+00	5.69E-01	1.76E+00	5.90E-01	3.81E-01	1.14E-01	2.90E+00	6.30E-01	1.78E+00	2.67E-01	3.30E-03	1.07E-03	8.65E-10	2.81E-10
4.36E+00	8.56E-01	6.05E+00	1.81E+00	2.16E+00	5.64E-01	1.73E+00	5.71E-01	3.81E-01	1.12E-01	2.75E+00	6.23E-01	1.68E+00	2.51E-01	3.38E-03	1.04E-03	8.87E-10	2.72E-10
3.92E+00	8.21E-01	5.87E+00	1.76E+00	2.03E+00	5.39E-01	1.70E+00	5.41E-01	3.63E-01	1.06E-01	2.52E+00	6.04E-01	1.54E+00	2.57E-01	3.34E-03	9.84E-04	8.74E-10	2.58E-10
3.22E+00	7.91E-01	5.51E+00	1.69E+00	1.86E+00	5.05E-01	1.86E+00	5.00E-01	3.45E-01	9.90E-02	2.40E+00	5.75E-01	1.30E+00	2.80E-01	3.64E-03	9.11E-04	9.52E-10	2.39E-10
3.21E+00	8.27E-01	5.57E+00	1.57E+00	1.71E+00	4.60E-01	1.97E+00	4.42E-01	3.56E-01	8.90E-02	2.30E+00	6.13E-01	1.09E+00	2.97E-01	3.87E-03	8.08E-04	1.01E-09	2.12E-10
3.36E+00	8.24E-01	5.52E+00	1.40E+00	1.68E+00	3.92E-01	1.95E+00	3.78E-01	3.43E-01	7.62E-02	2.43E+00	6.33E-01	1.11E+00	2.99E-01	3.84E-03	6.96E-04	1.01E-09	1.83E-10
3.30E+00	7.99E-01	5.11E+00	1.28E+00	1.59E+00	2.86E-01	1.78E+00	3.72E-01	3.01E-01	5.91E-02	2.39E+00	6.08E-01	1.17E+00	2.83E-01	3.52E-03	5.82E-04	9.24E-10	1.53E-10
3.39E+00	8.20E-01	5.03E+00	1.28E+00	1.50E+00	2.79E-01	1.57E+00	3.56E-01	2.90E-01	5.78E-02	2.66E+00	6.21E-01	1.23E+00	3.01E-01	2.94E-03	5.74E-04	7.71E-10	1.51E-10
3.41E+00	8.08E-01	5.32E+00	1.22E+00	1.90E+00	2.66E-01	1.60E+00	3.38E-01	2.96E-01	5.57E-02	2.61E+00	6.19E-01	1.16E+00	2.83E-01	3.07E-03	5.82E-04	8.07E-10	1.53E-10
4.66E+00	7.26E-01	5.75E+00	1.07E+00	1.91E+00	2.89E-01	1.49E+00	2.91E-01	3.04E-01	4.93E-02	2.67E+00	5.69E-01	1.66E+00	2.63E-01	3.01E-03	5.45E-04	7.89E-10	1.43E-10
3.73E+00	7.08E-01	5.47E+00	9.71E-01	1.91E+00	2.77E-01	1.37E+00	2.23E-01	2.87E-01	4.41E-02	2.80E+00	5.71E-01	1.39E+00	2.87E-01	2.64E-03	4.56E-04	6.92E-10	1.20E-10
4.01E+00	7.27E-01	4.66E+00	7.71E-01	2.98E+00	3.61E-01	1.12E+00	1.81E-01	3.26E-01	4.02E-02	3.30E+00	6.67E-01	1.40E+00	3.05E-01	2.22E-03	3.44E-04	5.82E-10	9.04E-11
5.93E+00	4.42E-01	6.15E+00	4.96E-01	4.37E+00	3.10E-01	1.19E+00	1.15E-01	4.78E-01	3.39E-02	4.33E+00	4.13E-01	1.78E+00	1.84E-01	1.69E-03	2.49E-04	4.43E-10	6.55E-11
5.14E+00	5.16E-01	4.04E+00	4.22E-01	1.54E+00	1.30E-01	9.23E-01	9.57E-02	1.67E-01	1.42E-02	3.60E+00	4.90E-01	1.84E+00	2.53E-01	1.18E-03	1.13E-04	3.09E-10	2.93E-11
5.73E+00	3.29E-01	4.51E+00	3.17E-01	1.06E+00	1.25E-01	1.03E+00	6.99E-02	1.42E-01	1.36E-02	4.02E+00	2.84E-01	2.06E+00	1.62E-01	1.21E-03	1.20E-04	3.17E-10	3.12E-11
6.17E+00	3.54E-01	4.81E+00	3.01E-01	1.92E+00	2.19E-01	1.11E+00	7.42E-02	2.10E-01	2.39E-02	4.33E+00	2.56E-01	2.23E+00	1.38E-01	1.18E-03	1.27E-04	3.09E-10	3.31E-11
6.37E+00	3.69E-01	4.87E+00	5.00E-01	1.92E+00	2.99E-01	1.15E+00	7.83E-02	2.10E-01	3.27E-02	4.47E+00	2.61E-01	2.31E+00	1.29E-01	1.15E-03	1.34E-04	3.00E-10	3.49E-11
6.39E+00	3.74E-01	4.75E+00	6.57E-01	1.82E+00	3.01E-01	1.16E+00	8.32E-02	2.13E-01	3.51E-02	4.47E+00	3.24E-01	2.51E+00	1.46E-01	1.21E-03	1.40E-04	3.16E-10	3.66E-11
1.63E+01	8.02E-01	7.18E+00	6.83E-01	1.54E+00	2.15E-01	3.18E+00	1.61E-01	2.07E-01	3.03E-02	1.05E+01	5.05E-01	6.29E+00	3.04E-01	1.25E-03	1.49E-04	3.29E-10	3.89E-11
1.60E+01	7.24E-01	6.39E+00	7.66E-01	1.33E+00	2.22E-01	3.15E+00	1.54E-01	2.00E-01	3.65E-02	9.07E+00	4.40E-01	5.59E+00	2.55E-01	1.71E-03	2.61E-04	4.48E-10	6.85E-11
1.96E+01	8.99E-01	7.16E+00	8.28E-01	2.14E+00	2.24E-01	3.92E+00	1.92E-01	2.34E-01	3.50E-02	1.10E+01	5.09E-01	6.88E+00	3.17E-01	1.82E-03	2.85E-04	4.78E-10	7.47E-11
2.27E+01	1.01E+00	8.29E+00	8.28E-01	2.34E+00	3.23E-01	4.54E+00	2.17E-01	2.77E-01	3.77E-02	1.24E+01	5.55E-01	7.75E+00	3.47E-01	1.77E-03	2.81E-04	4.65E-10	7.37E-11
1.75E+01	7.79E-01	6.41E+00	7.95E-01	3.04E+00	3.94E-01	3.50E+00	2.21E-01	3.65E-01	4.84E-02	9.45E+00	5.18E-01	5.93E+00	2.64E-01	1.96E-03	2.52E-04	5.16E-10	6.62E-11
1.04E+01	6.96E-01	5.84E+00	8.38E-01	3.37E+00	4.40E-01	2.09E+00	2.09E-01	4.14E-01	5.66E-02	5.60E+00	5.06E-01	3.51E+00	2.54E-01	2.13E-03	2.15E-04	5.60E-10	5.65E-11
5.05E+00	6.85E-01	6.49E+00	9.50E-01	3.31E+00	4.64E-01	1.52E+00	2.06E-01	4.59E-01	6.26E-02	2.94E+00	4.92E-01	1.70E+00	2.49E-01	2.69E-03	2.52E-04	7.07E-10	6.62E-11
4.65E+00	6.91E-01	6.85E+00	1.05E+00	3.58E+00	4.76E-01	1.79E+00	2.58E-01	4.77E-01	6.81E-02	2.95E+00	5.14E-01	1.64E+00	2.55E-01	3.29E-03	3.35E-04	8.63E-10	8.80E-11
4.90E+00	6.89E-01	6.72E+00	1.08E+00	3.69E+00	4.54E-01	1.89E+00	2.91E-01	4.73E-01	6.92E-02	3.06E+00	5.11E-01	1.72E+00	2.61E-01	3.47E-03	4.07E-04	9.12E-10	1.07E-10
4.71E+00	6.81E-01	6.52E+00	1.05E+00	3.53E+00	4.18E-01	2.05E+00	3.05E-01	4.70E-01	6.74E-02	3.09E+00	5.06E-01	1.69E+00	2.64E-01	4.26E-03	4.49E-04	1.12E-09	1.18E-10
4.64E+00	6.55E-01	6.47E+00	9.93E-01	3.22E+00	3.74E-01	2.37E+00	3.02E-01	4.52E-01	6.32E-02	3.15E+00	4.84E-01	1.75E+00	2.58E-01	4.93E-03	4.67E-04	1.29E-09	1.23E-10
3.86E+00	7.63E-01	5.89E+00	1.62E+00	1.96E+00	5.00E-01	1.86E+00	5.39E-01	3.85E-01	1.04E-01	2.55E+00	5.72E-01	1.49E+00	2.36E-01	3.52E-03	1.01E-03	9.24E-10	2.65E-10
3.65E+00	7.28E-01	5.92E+00	1.63E+00	2.08E+00	4.95E-01	1.83E+00	5.38E-01	3.80E-01	1.03E-01	2.52E+00	5.49E-01	1.43E+00	2.40E-01	3.51E-03	1.01E-03	9.21E-10	2.66E-10
3.26E+00	7.83E-01	5.92E+00	1.60E+00	2.12E+00	4.77E-01	1.75E+00	5.26E-01	3.62E-01	1.00E-01	2.41E+00	5.51E-01	1.29E+00	2.58E-01	3.41E-03	9.98E-04	8.96E-10	2.62E-10
3.10E+00	8.25E-01	5.94E+00	1.54E+00	2.09E+00	4.49E-01	1.61E+00	4.97E-01	3.55E-01	9.49E-02	2.29E+00	5.88E-01	1.09E+00	2.73E-01	3.20E-03	9.48E-04	8.39E-10	2.49E-10
3.10E+00	8.36E-01	5.68E+00	1.43E+00	1.91E+00	4.01E-01	1.63E+00	4.56E-01	3.30E-01	8.61E-02	2.30E+00	6.10E-01	1.04E+00	2.79E-01	3.30E-03	8.76E-04	8.64E-10	2.30E-10
3.28E+00	8.26E-01	5.36E+00	1.31E+00	1.82E+00	3.39E-01	1.75E+00	4.15E-01	3.24E-01	7.40E-02	2.39E+00	6.17E-01	1.12E+00	2.90E-01	3.54E-03	7.73E-04	9.28E-10	2.03E-10
3.38E+00	7.93E-01	5.61E+00	1.39E+00	1.86E+00	3.44E-01	1.82E+00	4.32E-01	3.30E-01	7.31E-02	2.47E+00	5.99E-01	1.13E+00	3.00E-01	3.71E-03	7.39E-04	9.73E-10	1.94E-10
3.86E+00	8.67E-01	5.55E+00	1.43E+00	2.27E+00	3.29E-01	1.76E+00	4.35E-01	3.36E-01	7.23E-02	2.89E+00	6.35E-01	1.20E+00	2.97E-01	3.63E-03	7.59E-04	9.52E-10	1.99E-10
3.81E+00	8.66E-01	5.60E+00	1.35E+00	2.60E+00	3.10E-01	1.77E+00	4.11E-01	3.37E-01	6.63E-02	2.99E+00	6.54E-01	1.14E+00	2.98E-01	3.27E-03	7.38E-04	8.58E-10	1.94E-10
4.32E+00	8.28E-01	5.59E+00	1.25E+00	2.22E+00	2.90E-01	1.71E+00	3.65E-01	3.33E-01	5.76E-02	2.53E+00	6.17E-01	1.54E+00	2.71E-01	3.20E-03	6.78E-04	8.41E-10	1.78E-10
5.85E+00	7.64E-01	5.86E+00	1.23E+00	1.75E+00	2.73E-01	1.75E+00	3.21E-01	3.33E-01	5.30E-02	3.42E+00	5.88E-01	2.12E+00	2.76E-01	3.10E-03	6.19E-04	8.12E-10	1.63E-10
4.94E+00	8.40E-01	5.62E+00	1.09E+00	1.95E+00	2.82E-01	1.68E+00	2.91E-01	3.08E-01	4.79E-02	3.12E+00	6.50E-01	1.86E+00	3.27E-01	3.05E-03	5.19E-04	8.00E-10	1.36E-10
4.07E+00	9.46E-01	5.10E+00	1.00E+00	2.51E+00	3.93E-01	1.39E+00	2.30E-01	2.74E-01	4.51E-02	3.16E+00	7.76E-01	1.38E+00	3.55E-01	2.71E-03	4.27E-04	7.10E-10	1.12E-10
4.40E+00	6.59E-01	5.74E+00	8.92E-01	3.27E+00	3.13E-01	1.12E+00	1.77E-01	3.59E-01	3.76E-02	3.98E+00	6.72E-01	1.56E+00	3.08E-01	2.06E-03	3.27E-04	5.40E-10	8.59E-11
6.53E+00	7.22E-01	6.37E+00	7.10E-01	4.02E+00	3.86E-01	1.26E+00	1.49E-01	4.39E-01	4.21E-02	5.17E+00	6.18E-01	2.28E+00	2.86E-01	2.06E-03	2.41E-04	5.41E-10	6.32E-11
4.75E+00	5.78E-01	4.43E+00	5.81E-01	2.35E+00	2.04E-01	1.09E+00	1.43E-01	2.57E-01	2.54E-02	3.33E+00	5.17E-01	1.71E+00	2.56E-01	1.68E-03	1.74E-04	4.41E-10	4.58E-11
5.24E+00	3.85E-01	4.08E+00	4.84E-01	1.68E+00	2.15E-01	9.42E-01	1.10E-01	1.83E-01	2.45E-02	3.68E+00	3.76E-01	1.89E+00	2.09E-01	1.48E-03	1.40E-04	3.88E-10	3.69E-11
5.62E+00	3.77E-01	4.35E+00	4.05E-01	1.83E+00	1.82E-01	1.01E+00	9.30E-02	2.00E-01	2.04E-02	3.95E+00	3.27E-01	2.03E+00	1.57E-01	1.12E-03	1.23E-04	2.94E-10	3.20E-11
5.85E+00	3.54E-01	4.62E+00	5.15E-01	1.96E+00	2.77E-01	1.05E+00	7.42E-02	2.51E-01	3.20E-02	4.10E+00	3.09E-01	2.12E+00	1.73E-01	1.10E-03	1.30E-04	2.87E-10	3.37E-11
5.91E+00	4.06E-01	4.88E+00	7.27E-01	1.80E+00	2.89E-01	1.24E+00	1.19E-01	2.32E-01	3.40E-02	4.14E+00	3.32E-01	2.16E+00	1.36E-01	1.69E-03	1.37E-04	4.45E-10	3.60E-11
1.18E+01	6.49E-01	6.49E+00	8.31E-01	1.77E+00	2.97E-01	2.21E+00	1.57E-01	2.48E-01	4.07E-02	9.78E+00	5.02E-01	5.57E+00	2.87E-01	1.58E-03	1.81E-04	4.16E-10	4.76E-11
2.21E+01	1.04E+00	1.05E+01	8.73E-01	1.58E+00	2.52E-01	4.25E+00	2.03E-01	2.39E-01	3.84E-02	1.42E+01	6.63E-01	8.46E+00	3.94E-01	1.52E-03	2.34E-04	3.98E-10	6.14E-11
1.79E+01	8.04E-01	7.70E+00	8.51E-01	1.59E+00	2.21E-01	3.49E+00	2.07E-01	2.32E-01	3.98E-02	1.06E+01	5.06E-01	6.44E+00	2.91E-01	1.95E-03	3.34E-04	5.13E-10	8.76E-11

Scenario 1 Results

2.04E+01	9.52E-01	7.45E+00	9.79E-01	1.57E+00	2.11E-01	4.08E+00	2.51E-01	2.21E-01	4.33E-02	1.17E+01	5.51E-01	7.31E+00	3.43E-01	2.37E-03	4.27E-04	6.23E-10	1.12E-10
2.44E+01	1.10E+00	8.90E+00	1.01E+00	2.01E+00	2.06E-01	4.87E+00	2.83E-01	2.62E-01	4.38E-02	1.36E+01	6.14E-01	8.48E+00	3.84E-01	2.41E-03	4.49E-04	6.33E-10	1.18E-10
2.09E+01	9.27E-01	7.65E+00	9.89E-01	2.76E+00	2.74E-01	4.18E+00	2.87E-01	3.14E-01	4.14E-02	1.14E+01	5.13E-01	7.17E+00	3.19E-01	2.18E-03	4.20E-04	5.73E-10	1.10E-10
1.41E+01	7.24E-01	5.43E+00	9.69E-01	2.99E+00	3.36E-01	2.81E+00	2.84E-01	3.51E-01	4.17E-02	7.63E+00	5.21E-01	4.78E+00	2.46E-01	2.88E-03	3.90E-04	7.56E-10	1.02E-10
8.42E+00	7.48E-01	5.47E+00	9.73E-01	3.09E+00	3.87E-01	1.75E+00	2.74E-01	3.79E-01	5.09E-02	4.56E+00	5.26E-01	2.85E+00	2.48E-01	3.42E-03	3.58E-04	8.98E-10	9.40E-11
5.32E+00	7.47E-01	6.01E+00	9.73E-01	3.42E+00	4.09E-01	1.94E+00	2.62E-01	4.40E-01	5.74E-02	3.58E+00	5.22E-01	1.94E+00	2.45E-01	3.72E-03	3.86E-04	9.76E-10	1.01E-10
5.55E+00	7.30E-01	6.28E+00	9.40E-01	3.38E+00	4.05E-01	2.01E+00	2.56E-01	4.52E-01	6.02E-02	3.65E+00	5.12E-01	2.01E+00	2.43E-01	3.77E-03	4.45E-04	9.90E-10	1.17E-10
5.45E+00	7.02E-01	6.11E+00	9.42E-01	3.08E+00	3.86E-01	1.99E+00	2.64E-01	4.27E-01	6.05E-02	3.52E+00	5.00E-01	1.96E+00	2.40E-01	3.66E-03	4.75E-04	9.59E-10	1.25E-10
3.33E+00	7.51E-01	6.11E+00	1.38E+00	2.09E+00	4.02E-01	1.84E+00	4.64E-01	3.88E-01	8.73E-02	2.45E+00	5.29E-01	1.13E+00	2.38E-01	3.30E-03	8.96E-04	8.65E-10	2.35E-10
3.33E+00	8.01E-01	6.10E+00	1.34E+00	2.05E+00	3.81E-01	1.81E+00	4.50E-01	3.83E-01	8.39E-02	2.58E+00	5.71E-01	1.12E+00	2.66E-01	3.30E-03	8.74E-04	8.65E-10	2.29E-10
3.24E+00	8.20E-01	5.71E+00	1.29E+00	1.86E+00	3.43E-01	1.68E+00	4.20E-01	3.55E-01	7.73E-02	2.49E+00	5.93E-01	1.07E+00	2.96E-01	3.15E-03	8.23E-04	8.26E-10	2.16E-10
3.50E+00	8.83E-01	5.28E+00	1.35E+00	1.76E+00	3.48E-01	1.72E+00	4.37E-01	3.33E-01	7.47E-02	2.51E+00	6.48E-01	1.09E+00	3.29E-01	3.10E-03	7.77E-04	8.13E-10	2.04E-10
3.52E+00	9.12E-01	5.40E+00	1.38E+00	1.81E+00	3.44E-01	1.74E+00	4.49E-01	3.44E-01	7.67E-02	2.60E+00	6.98E-01	1.10E+00	3.47E-01	3.18E-03	8.10E-04	8.33E-10	2.13E-10
3.72E+00	8.68E-01	5.54E+00	1.39E+00	2.33E+00	3.45E-01	1.76E+00	4.56E-01	3.47E-01	7.70E-02	2.70E+00	6.95E-01	1.09E+00	3.37E-01	3.23E-03	8.34E-04	8.48E-10	2.19E-10
3.92E+00	8.82E-01	6.14E+00	1.39E+00	2.82E+00	3.64E-01	1.75E+00	4.53E-01	3.87E-01	7.51E-02	2.94E+00	6.45E-01	1.10E+00	2.93E-01	3.30E-03	8.42E-04	8.65E-10	2.21E-10
3.59E+00	8.60E-01	6.49E+00	1.40E+00	2.87E+00	3.63E-01	1.92E+00	4.26E-01	4.03E-01	7.07E-02	2.78E+00	6.42E-01	1.15E+00	2.85E-01	3.63E-03	8.09E-04	9.51E-10	2.12E-10
4.86E+00	8.04E-01	5.92E+00	1.39E+00	2.32E+00	3.35E-01	1.94E+00	4.02E-01	3.64E-01	6.79E-02	2.90E+00	5.91E-01	1.75E+00	2.67E-01	3.69E-03	7.34E-04	9.67E-10	1.93E-10
6.24E+00	7.90E-01	5.76E+00	1.29E+00	2.17E+00	2.75E-01	1.94E+00	3.74E-01	3.59E-01	6.02E-02	3.71E+00	5.88E-01	2.30E+00	2.74E-01	3.66E-03	6.34E-04	9.62E-10	1.66E-10
5.50E+00	9.13E-01	5.27E+00	1.13E+00	2.01E+00	3.09E-01	1.78E+00	3.25E-01	3.11E-01	5.12E-02	3.37E+00	6.91E-01	2.09E+00	3.39E-01	3.45E-03	5.76E-04	9.05E-10	1.51E-10
4.27E+00	1.05E+00	5.08E+00	1.15E+00	2.08E+00	3.83E-01	1.57E+00	2.71E-01	2.63E-01	4.67E-02	3.25E+00	8.21E-01	1.44E+00	3.77E-01	3.18E-03	5.16E-04	8.33E-10	1.35E-10
4.97E+00	9.07E-01	6.03E+00	1.12E+00	3.30E+00	3.54E-01	1.42E+00	2.32E-01	3.67E-01	4.30E-02	4.07E+00	8.37E-01	1.63E+00	3.95E-01	2.66E-03	4.15E-04	6.98E-10	1.09E-10
5.88E+00	7.04E-01	6.41E+00	7.60E-01	4.03E+00	3.12E-01	1.42E+00	2.11E-01	4.42E-01	3.39E-02	4.31E+00	5.57E-01	1.74E+00	2.49E-01	2.54E-03	3.19E-04	6.66E-10	8.36E-11
5.10E+00	9.81E-01	6.11E+00	9.99E-01	3.35E+00	3.39E-01	1.40E+00	1.99E-01	3.68E-01	3.82E-02	4.20E+00	8.03E-01	1.88E+00	3.78E-01	2.40E-03	2.75E-04	6.29E-10	7.22E-11
4.38E+00	5.99E-01	5.32E+00	7.12E-01	2.30E+00	2.12E-01	1.44E+00	2.10E-01	2.63E-01	2.90E-02	3.30E+00	4.77E-01	1.58E+00	2.32E-01	2.29E-03	2.80E-04	6.01E-10	7.36E-11
4.80E+00	4.97E-01	4.50E+00	5.85E-01	1.76E+00	2.29E-01	1.31E+00	1.51E-01	2.06E-01	2.86E-02	3.36E+00	4.54E-01	1.74E+00	2.47E-01	2.17E-03	2.16E-04	5.69E-10	5.66E-11
5.13E+00	4.37E-01	4.41E+00	5.53E-01	1.59E+00	1.68E-01	1.11E+00	1.36E-01	2.07E-01	2.30E-02	3.59E+00	3.92E-01	1.86E+00	2.02E-01	1.52E-03	1.69E-04	3.98E-10	4.43E-11
5.34E+00	4.95E-01	4.41E+00	5.21E-01	1.95E+00	2.03E-01	1.20E+00	1.18E-01	2.56E-01	2.42E-02	3.74E+00	4.09E-01	1.95E+00	2.20E-01	1.62E-03	1.25E-04	4.25E-10	3.29E-11
5.45E+00	4.24E-01	5.64E+00	7.00E-01	1.81E+00	2.76E-01	1.36E+00	1.23E-01	2.94E-01	3.66E-02	3.81E+00	3.28E-01	1.99E+00	1.68E-01	2.02E-03	1.41E-04	5.31E-10	3.70E-11
6.59E+00	5.16E-01	5.11E+00	8.63E-01	1.59E+00	2.70E-01	1.54E+00	1.76E-01	2.54E-01	3.75E-02	6.42E+00	4.07E-01	3.57E+00	2.06E-01	2.38E-03	2.32E-04	6.26E-10	6.08E-11
1.69E+01	8.74E-01	9.48E+00	9.09E-01	1.77E+00	3.04E-01	3.14E+00	2.05E-01	2.65E-01	4.48E-02	1.30E+01	6.42E-01	7.40E+00	3.67E-01	1.97E-03	2.49E-04	5.17E-10	6.55E-11
1.91E+01	9.29E-01	1.00E+01	1.03E+00	1.87E+00	3.14E-01	3.61E+00	2.39E-01	2.74E-01	4.98E-02	1.28E+01	6.12E-01	7.46E+00	3.58E-01	1.98E-03	3.28E-04	5.20E-10	8.62E-11
1.26E+01	6.87E-01	6.25E+00	9.90E-01	2.08E+00	2.83E-01	2.41E+00	2.59E-01	2.86E-01	4.72E-02	8.06E+00	5.10E-01	4.76E+00	2.31E-01	2.14E-03	3.75E-04	5.62E-10	9.84E-11
1.88E+01	8.84E-01	6.87E+00	9.98E-01	1.75E+00	2.35E-01	3.76E+00	2.69E-01	2.61E-01	4.80E-02	1.10E+01	5.19E-01	6.82E+00	3.23E-01	2.42E-03	4.81E-04	6.35E-10	1.26E-10
2.35E+01	1.06E+00	8.58E+00	1.08E+00	1.83E+00	2.44E-01	4.70E+00	3.13E-01	2.62E-01	5.22E-02	1.33E+01	6.01E-01	8.28E+00	3.75E-01	2.54E-03	5.34E-04	6.66E-10	1.40E-10
2.19E+01	9.71E-01	7.99E+00	1.11E+00	2.21E+00	2.51E-01	4.37E+00	3.40E-01	3.07E-01	5.40E-02	1.21E+01	5.42E-01	7.59E+00	3.39E-01	3.04E-03	5.54E-04	7.97E-10	1.46E-10
1.68E+01	7.43E-01	6.13E+00	1.12E+00	2.67E+00	2.69E-01	3.35E+00	3.52E-01	3.84E-01	5.42E-02	9.22E+00	5.13E-01	5.77E+00	2.74E-01	3.92E-03	5.59E-04	1.03E-09	1.47E-10
1.11E+01	7.25E-01	5.86E+00	1.11E+00	3.09E+00	3.04E-01	2.21E+00	3.48E-01	4.33E-01	5.23E-02	6.07E+00	5.07E-01	3.80E+00	2.43E-01	4.51E-03	5.46E-04	1.18E-09	1.43E-10
6.58E+00	7.19E-01	6.21E+00	1.09E+00	3.16E+00	3.22E-01	2.40E+00	3.36E-01	4.58E-01	4.93E-02	3.60E+00	4.94E-01	2.25E+00	2.26E-01	4.82E-03	5.22E-04	1.26E-09	1.37E-10
5.47E+00	6.95E-01	6.44E+00	1.06E+00	3.27E+00	3.28E-01	2.46E+00	3.15E-01	4.64E-01	4.88E-02	3.76E+00	4.78E-01	2.01E+00	2.19E-01	4.86E-03	4.86E-04	1.28E-09	1.27E-10
3.41E+00	9.26E-01	5.66E+00	1.33E+00	2.32E+00	3.62E-01	1.73E+00	4.31E-01	3.44E-01	7.47E-02	2.69E+00	6.59E-01	1.19E+00	3.31E-01	3.41E-03	7.45E-04	8.94E-10	1.95E-10
3.41E+00	9.93E-01	5.62E+00	1.40E+00	2.19E+00	3.71E-01	1.68E+00	4.49E-01	3.39E-01	7.78E-02	2.44E+00	7.26E-01	1.07E+00	3.58E-01	3.16E-03	7.88E-04	8.28E-10	2.07E-10
3.50E+00	1.02E+00	5.55E+00	1.42E+00	1.96E+00	3.60E-01	1.76E+00	4.54E-01	3.33E-01	7.79E-02	2.55E+00	7.64E-01	1.07E+00	3.68E-01	3.34E-03	8.32E-04	8.76E-10	2.18E-10
3.46E+00	9.96E-01	5.76E+00	1.39E+00	2.27E+00	3.54E-01	1.78E+00	4.56E-01	3.38E-01	7.67E-02	2.48E+00	7.69E-01	1.11E+00	3.60E-01	3.42E-03	8.56E-04	8.97E-10	2.25E-10
3.69E+00	9.28E-01	6.29E+00	1.39E+00	2.71E+00	3.84E-01	1.74E+00	4.67E-01	4.10E-01	7.64E-02	2.69E+00	7.38E-01	1.14E+00	3.35E-01	3.41E-03	8.57E-04	8.94E-10	2.25E-10
3.62E+00	8.94E-01	6.87E+00	1.48E+00	2.84E+00	3.91E-01	1.79E+00	4.88E-01	4.47E-01	7.95E-02	2.69E+00	6.37E-01	1.20E+00	2.81E-01	3.31E-03	8.38E-04	8.67E-10	2.20E-10
3.59E+00	8.56E-01	6.68E+00	1.50E+00	2.59E+00	3.71E-01	1.78E+00	4.82E-01	4.28E-01	7.84E-02	2.60E+00	6.27E-01	1.29E+00	2.74E-01	3.49E-03	8.27E-04	9.14E-10	2.17E-10
5.25E+00	8.05E-01	5.53E+00	1.42E+00	2.48E+00	3.45E-01	1.90E+00	4.43E-01	3.46E-01	7.54E-02	3.08E+00	5.89E-01	1.91E+00	2.79E-01	3.77E-03	7.85E-04	9.89E-10	2.06E-10
6.22E+00	8.03E-01	5.87E+00	1.32E+00	2.46E+00	3.23E-01	1.95E+00	4.13E-01	3.54E-01	6.82E-02	3.74E+00	5.94E-01	2.32E+00	2.76E-01	3.86E-03	7.48E-04	1.01E-09	1.96E-10
5.57E+00	9.58E-01	5.75E+00	1.19E+00	2.61E+00	3.83E-01	1.89E+00	3.60E-01	3.29E-01	5.71E-02	3.44E+00	7.12E-01	2.12E+00	3.33E-01	3.82E-03	6.73E-04	1.00E-09	1.77E-10
4.45E+00	1.07E+00	5.66E+00	1.26E+00	2.45E+00	4.03E-01	1.65E+00	3.10E-01	2.88E-01	5.25E-02	3.30E+00	8.18E-01	1.39E+00	3.67E-01	3.42E-03	5.57E-04	8.98E-10	1.46E-10
4.77E+00	1.07E+00	5.63E+00	1.30E+00	2.88E+00	3.51E-01	1.51E+00	2.81E-01	3.28E-01	5.19E-02	3.70E+00	9.13E-01	1.52E+00	4.38E-01	2.91E-03	4.90E-04	7.65E-10	1.29E-10
4.06E+00	8.02E-01	5.34E+00	1.05E+00	2.30E+00	2.31E-01	1.60E+00	2.60E-01	2.89E-01	3.99E-02	3.42E+00	7.45E-01	1.75E+00	3.43E-01	2.96E-03	4.06E-04	7.76E-10	1.07E-10
6.18E+00	9.33E-01	6.82E+00	9.75E-01	3.44E+00	3.59E-01	1.64E+00	2.21E-01	3.86E-01	4.02E-02	4.62E+00	7.27E-01	1.95E+00	3.40E-01	2.96E-03	3.77E-04	7.77E-10	9.89E-11
4.69E+00	1.04E+00	5.59E+00	1.13E+00	2.43E+00	2.82E-01	1.55E+00	2.71E-01	2.83E-01	3.81E-02	3.82E+00	8.28E-01	1.65E+00	3.92E-01	2.73E-03	3.39E-04	7.17E-10	8.90E-11
4.02E+00	6.84E-01	5.69E+00	7.91E-01	2.17E+00	2.03E-01	1.59E+00	2.53E-01	2.77E-01	3.06E-02	3.16E+00	5.67E-01	1.54E+00	2.72E-01	2.83E-03	3.68E-04	7.43E-10	9.67E-11
4.38E+00	6.05E-01	5.02E+00	6.10E-01	1.76E+00	2.19E-01	1.50E+00	1.67E-01	2.26E-01	2.96E-02	3.07E+00	5.43E-01	1.60E+00	2.87E-01	2.50E-03	2.42E-04	6.57E-10	6.35E-11
5.03E+00	4.98E-01	4.55E+00	6.05E-01	1.63E+00	2.03E-01	1.30E+00	1.59E-01	2.22E-01	2.62E-02	3.26E+00	4.76E-01	1.97E+00	2.41E-01	1.97E-03	2.05E-04	5.18E-10	5.37E-11
4.87E+00	6.06E-01	4.84E+00	5.73E-01	1.78E+00	1.78E-01	1.34E+00	1.50E-01	2.22E-01	2.28E-02	3.41E+00	4.95E-01	1.78E+00	2.53E-01	1.93E-03	1.72E-04	5.08E-10	4.53E-11
4.99E+00	4.96E-01	5.17E+00	6.25E-01	1.84E+00	2.31E-01	1.25E+00	1.39E-01	2.90E-01	3.02E-02	3.49E+00	4.15E-01	1.83E+00	2.22E-01	1.90E-03	1.48E-04	5.00E-10	3.87E-11
5.02E+00	4.85E-01	5.71E+00	8.47E-01	1.70E+00	2.87E-01	1.67E+00	1.65E-01	3.15E-01	4.20E-02	3.90E+00	3.64E-01	2.19E+00	1.81E-01	2.79E-03	2.29E-04	7.32E-10	6.02E-11
9.73E+00	6.10E-01	5.96E+00	1.01E+00	1.75E+00	2.98E-01	1.78E+00	2.31E-01	2.80E-01	4.69E-02	8.47E+00	4.75E-01	4.71E+00	2.65E-01	2.90E-03	3.22E-04	7.62E-10	8.46E-11
1.33E+01	7.54E-01	8.56E+00	9.95E-01	1.89E+00	3.49E-01	2.41E+00	2.47E-01	2.97E-01	5.38E-02	1.00E+01	5.38E-01	5.60E+00	3.03E-01	2.39E-03	3.31E-04	6.27E-10	8.68E-11
1.16E+01	6.51E-01	7.07E+00	1.07E+00	1.74E+00	3.47E-01	2.12E+00	2.71E-01	3.04E-01	5.73E-02	7.93E+00	4.67E-01	4.51E+00	2.43E-01	2.36E-03	4.06E-04	6.20E-10	1.07E-10
9.22E+00	6.58E-01	5.09E+00	1.05E+00	2.09E+00	3.15E-01	1.84E+00	2.97E-01	3.10E-01	5.59E-02	5.83E+00	4.81E-01	3.53E+00	2.02E-01	2.53E-03	4.48E-04	6.64E-10	1.18E-10
1.70E+01	8.03E-01	6.19E+00	9.76E-01	2.07E+00	2.73E-01	3.39E+00	2.96E-01	3.16E-01	5.12E-02	9.97E+00	4.77E-01	6.19E+00	2.96E-01	2.78E-03	4.92E-04	7.30E-10	1.29E-10
2.18E+01	9.92E-01	7.95E+00	1.10E+00	1.90E+00	2.69E-01	4.35E+00	3.33E-01	2.91E-01	5.77E-02	1.24E+01	5.75E-01	7.75E+00	3.56E-01	2.73E-03	5.90E-04	7.17E-10	1.55E-10
2.13E+01	9.59E-01	7.78E+00	1.17E+00	2.18E+00	2.78E-01	4.26E+00	3.76E-01	3.41E-01	6.21E-02	1.20E+01	5.83E-01	7.48E+00	3.39E-01	3.66E-03	6.60E-04	9.61E-10	1.73E-10
1.74E+01	7.76E-01	6.34E+00	1.19E+00	2.82E+00	2.76E-01	3.47E+00	4.00E-01	4.18E-01	6.37E-02	9.67E+00	5.51E-01	6.04E+00	3.03E-01	4.58E-03	6.95E-04	1.20E-09	1.82E-10
1.25E+01	7.17E-01	6.09E+00	1.16E+00	2.87E+00	2.65E-01	2.50E+00	3.97E-01	4.72E-01	6.20E-02	6.92E+00	5.16E-01	4.33E+00	2.95E-01	5.19E-03	6.85E-04	1.36E-09	1.80E-10
8.02E+00	6.56E-01	6.58E+00	1.12E+00	2.60E+00	2.65E-01	2.65E+00	3.79E-01	5.00E-01	5.88E-02	4.43E+00	4.54E-01	2.77E+00	2.45E-01	5.49E-03	6.51E-04	1.44E-09	1.71E-10
3.28E+00	1.10E+00	5.71E+00	1.38E+00	1.98E+00	3.56E-01	1.77E+00	4.58E-01	3.47E-01	7.92E-02	2.48E+00	8.09E-01	1.16E+00	3.81E-01	3.33E-03	8.35E-04	8.75E-10	2.19E-10
3.28E+00	1.08E+00	6.00E+00	1.47E+00	2.08E+00	3.57E-01	1.74E+00	4.55E-01	3.62E-01	7.80E-02	2.47E+00	8.15E-01	1.17E+00	3.76E-01	3.46E-03	8.48E-04	9.08E-10	2.23E-10
3.30E+00	1.01E+00	5.94E+00	1.49E+00	2.39E+00	3.87E-01	1.72E+00	4.62E-01	3.88E-01	7.84E-02	2.43E+00	7.75E-01	1.10E+00	3.47E-01	3.76E-03	8.37E-04	9.87E-10	2.20E-10
3.39E+00	8.80E-01	6.49E+00	1.48E+00	2.57E+00	3.97E-01	1.86E+00	5.03E-01	4.31E-01	8.30E-02	2.59E+00	6.91E-01	1.19E+00	2.99E-01	3.85E-03	8.59E-04	1.01E-09	2.25E-10
3.57E+00	8.80E-01	6.72E+00	1.55E+00	2.55E+00	3.92E-01	1.96E+00	5.27E-01	4.47E-01	8.53E-02	2.75E+00	6.26E-01	1.25E+00	2.73E-01	3.65E-03	9.15E-04	9.57E-10	2.40E-10
3.86E+00	8.30E-01	6.29E+00	1.55E+00	2.27E+00	3.65E-01	1.91E+00	5.19E-01	4.11E-01	8.36E-02	3.09E+00	6.06E-01	1.40E+00	2.65E-01	3.63E-03	9.27E-04	9.53E-10	2.43E-10
5.29E+00	8.35E-01	6.01E+00	1.42E+00	2.57E+00	3.24E-01	1.63E+00	4.72E-01	3.72E-01	7.54E-02	3.13E+00	6.05E-01	1.94E+00	2.78E-01	3.31E-03	8.80E-04	8.68E-10	2.31E-10
6.13E+00	8.09E-01	6.10E+00	1.26E+00	2.50E+00	3.67E-01	1.76E+00	4.15E-01	3.68E-01	6.83E-02	3.70E+00	5.94E-01	2.29E+00	2.70E-01	3.44E-03	7.83E-04	9.03E-10	2.05E-10
5.56E+00	9.43E-01	6.02E+00	1.24E+00	2.73E+00	4.21E-01	1.82E+00	3.75E-01	3.49E-01	6.26E-02	3.43E+00	6.92E-01	2.12E+00	3.14E-01	3.62E-03	7.10E-04	9.51E-10	1.86E-10
4.36E+00	1.06E+00	6.13E+00	1.35E+00	2.71E+00	4.65E-01	1.81E+00	3.52E-01	3.50E-01	6.30E-02	3.20E+00	7.95E-01	1.40E+00	3.58E-01	3.43E-03	6.36E-04	9.01E-10	1.67E-10
4.51E+00	1.15E+00	6.28E+00	1.44E+00	2.99E+00	4.21E-01	1.76E+00	3.33E-01	3.50E-01	6.52E-02	3.37E+00	9.30E-01	1.36E+00	4.36E-01	3.36E-03	5.61E-04	8.81E-10	1.47E-10
4.29E+00	1.06E+00	6.19E+00	1.34E+00	2.61E+00	3.41E-01	1.66E+00	3.15E-01	3.39E-01	5.15E-02	3.35E+00	9.28E-01	1.69E+00	4.24E-01	3.00E-03	4.84E-04	7.86E-10	1.27E-10
4.82E+00	7.72E-01	5.57E+00	1.01E+00	2.83E+00	2.66E-01	1.68E+00	2.70E-01	3.17E-01	3.70E-02	3.49E+00	5.70E-01	1.46E+00	2.69E-01	3.10E-03	4.35E-04	8.12E-10	1.14E-10
5.05E+00	1.12E+00	5.90E+00	1.19E+00	2.89E+00	3.67E-01	1.78E+00	2.83E-01	3.26E-01	4.44E-02	3.80E+00	8.65E-01	1.67E+00	4.02E-01	3.22E-03	4.07E-04	8.45E-10	1.07E-10
4.32E+00	9.57E-01	5.47E+00	1.14E+00	2.19E+00	2.37E-01	1.76E+00	3.25E-01	2.97E-01	4.28E-02	3.44E+00	7.36E-01	1.47E+00	3.46E-01	3.11E-03	4.69E-04	8.15E-10	1.23E-10
3.83E+00	8.11E-01	5.72E+00	8.94E-01	1.96E+00	2.01E-01	1.68E+00	2.82E-01	3.00E-01	3.25E-02	2.84E+00	6.57E-01	1.38E+00	3.16E-01	3.14E-03	4.42E-04	8.23E-10	1.16E-10
3.97E+00	6.89E-01	5.22E+00	6.67E-01	1.70E+00	2.07E-01	1.64E+00	1.91E-01	2.54E-01	3.01E-02	2.78E+00	6.31E-01	1.46E+00	3.28E-01	2.93E-03	2.82E-04	7.69E-10	7.40E-11
5.44E+00	5.63E-01	4.78E+00	6.58E-01	1.53E+00	2.16E-01	1.48E+00	1.80E-01	2.28E-01	2.87E-02	3.48E+00	5.27E-01	2.15E+00	2.58E-01	2.45E-03	2.46E-04	6.43E-10	6.45E-11
5.15E+00	6.79E-01	5.05E+00	7.28E-01	1.45E+00	1.73E-01	1.42E+00	1.73E-01	2.55E-01	2.39E-02	3.09E+00	5.49E-01	1.89E+00	2.69E-01	2.22E-03	2.32E-04	5.83E-10	6.10E-11
4.54E+00	5.70E-01	4.81E+00	6.75E-01	1.75E+00	1.85E-01	1.50E+00	1.72E-01	2.71E-01	2.77E-02	3.18E+00	4.76E-01	1.67E+00	2.42E-01	2.50E-03	1.93E-04	6.56E-10	5.08E-11
4.59E+00	5.24E-01	5.52E+00	7.16E-01	1.81E+00	2.89E-01	1.61E+00	1.78E-01	3.33E-01	4.10E-02	3.21E+00	3.88E-01	1.70E+00	2.02E-01	2.80E-03	2.20E-04	7.36E-10	5.76E-11
6.11E+00	5.22E-01	5.44E+00	9.90E-01	1.90E+00	3.39E-01	1.82E+00	2.17E-01	3.27E-01	5.24E-02	5.13E+00	4.01E-01	2.86E+00	1.91E-01	3.28E-03	3.25E-04	8.60E-10	8.53E-11
8.79E+00	6.26E-01	5.86E+00	1.05E+00	1.80E+00	3.15E-01	1.68E+00	2.62E-01	2.98E-01	5.27E-02	6.77E+00	4.69E-01	3.74E+00	2.42E-01	3.05E-03	3.85E-04	8.00E-10	1.01E-10
9.54E+00	6.58E-01	6.14E+00	9.84E-01	1.81E+00	3.50E-01	1.72E+00	2.75E-01	3.06E-01	5.71E-02	6.75E+00	4.82E-01	3.79E+00	2.27E-01	2.58E-03	3.96E-04	6.77E-10	1.04E-10
8.74E+00	6.15E-01	5.27E+00	1.08E+00	1.71E+00	3.50E-01	1.62E+00	3.02E-01	3.22E-01	6.22E-02	6.02E+00	4.37E-01	3.46E+00	2.04E-01	2.82E-03	4.98E-04	7.39E-10	1.31E-10

Scenario 1 Results

9.16E+00	6.00E-01	4.94E+00	1.07E+00	1.99E+00	3.22E-01	1.83E+00	3.24E-01	3.06E-01	6.11E-02	5.61E+00	4.33E-01	3.47E+00	1.88E-01	2.90E-03	5.38E-04	7.62E-10	1.41E-10
1.56E+01	7.49E-01	5.68E+00	1.01E+00	2.16E+00	2.86E-01	3.11E+00	3.25E-01	3.39E-01	5.76E-02	9.18E+00	4.75E-01	5.70E+00	2.78E-01	3.04E-03	5.46E-04	7.99E-10	1.43E-10
1.94E+01	8.95E-01	7.06E+00	1.09E+00	2.00E+00	2.71E-01	3.87E+00	3.48E-01	3.50E-01	6.08E-02	1.11E+01	6.24E-01	6.94E+00	3.25E-01	3.26E-03	6.45E-04	8.54E-10	1.69E-10
1.99E+01	9.01E-01	7.25E+00	1.18E+00	1.93E+00	2.85E-01	3.97E+00	4.01E-01	3.63E-01	6.69E-02	1.13E+01	6.49E-01	7.03E+00	3.38E-01	3.96E-03	7.39E-04	1.04E-09	1.94E-10
1.72E+01	8.00E-01	6.27E+00	1.19E+00	2.39E+00	2.82E-01	3.43E+00	4.19E-01	4.34E-01	6.79E-02	9.64E+00	5.97E-01	6.02E+00	3.08E-01	4.80E-03	7.67E-04	1.26E-09	2.01E-10
1.29E+01	7.74E-01	6.51E+00	1.16E+00	2.80E+00	2.70E-01	2.58E+00	4.11E-01	4.72E-01	6.57E-02	7.21E+00	5.71E-01	4.51E+00	3.11E-01	5.35E-03	7.46E-04	1.40E-09	1.96E-10
3.40E+00	1.07E+00	5.84E+00	1.67E+00	2.07E+00	3.92E-01	1.99E+00	4.81E-01	3.65E-01	7.79E-02	2.60E+00	8.01E-01	1.13E+00	3.54E-01	4.30E-03	8.29E-04	1.13E-09	2.18E-10
3.63E+00	9.80E-01	6.05E+00	1.65E+00	2.31E+00	3.91E-01	2.02E+00	4.85E-01	4.08E-01	8.20E-02	2.67E+00	7.44E-01	1.21E+00	3.21E-01	4.57E-03	8.37E-04	1.20E-09	2.19E-10
3.74E+00	8.50E-01	6.37E+00	1.52E+00	2.33E+00	3.97E-01	1.96E+00	5.19E-01	4.28E-01	8.57E-02	2.76E+00	6.30E-01	1.24E+00	2.64E-01	4.51E-03	9.01E-04	1.18E-09	2.36E-10
3.81E+00	8.44E-01	6.12E+00	1.54E+00	2.08E+00	3.76E-01	1.96E+00	5.32E-01	4.09E-01	8.59E-02	2.91E+00	6.01E-01	1.29E+00	2.61E-01	4.08E-03	9.44E-04	1.07E-09	2.48E-10
3.99E+00	8.04E-01	5.37E+00	1.50E+00	2.29E+00	3.39E-01	1.80E+00	5.15E-01	3.57E-01	8.20E-02	3.11E+00	5.73E-01	1.45E+00	2.61E-01	3.59E-03	9.44E-04	9.41E-10	2.48E-10
5.33E+00	8.34E-01	6.21E+00	1.36E+00	2.49E+00	3.31E-01	1.68E+00	4.67E-01	3.96E-01	7.45E-02	3.16E+00	5.98E-01	1.96E+00	2.70E-01	3.17E-03	8.91E-04	8.33E-10	2.34E-10
5.91E+00	8.06E-01	6.24E+00	1.29E+00	2.58E+00	4.04E-01	1.79E+00	4.23E-01	3.91E-01	7.01E-02	3.57E+00	5.84E-01	2.21E+00	2.60E-01	3.12E-03	7.93E-04	8.18E-10	2.08E-10
5.38E+00	9.48E-01	6.32E+00	1.28E+00	2.74E+00	4.49E-01	1.74E+00	4.15E-01	3.84E-01	7.21E-02	3.32E+00	6.90E-01	2.05E+00	3.05E-01	3.26E-03	7.41E-04	8.55E-10	1.95E-10
4.16E+00	1.03E+00	6.34E+00	1.39E+00	2.74E+00	4.87E-01	1.75E+00	3.83E-01	3.79E-01	6.99E-02	3.05E+00	7.60E-01	1.48E+00	3.48E-01	3.36E-03	7.15E-04	8.81E-10	1.88E-10
4.20E+00	1.14E+00	6.35E+00	1.46E+00	2.76E+00	4.53E-01	1.83E+00	3.61E-01	3.73E-01	7.24E-02	3.11E+00	8.92E-01	1.24E+00	4.14E-01	3.62E-03	6.11E-04	9.50E-10	1.60E-10
4.33E+00	1.21E+00	6.51E+00	1.54E+00	2.96E+00	4.58E-01	1.78E+00	3.67E-01	3.95E-01	6.47E-02	3.29E+00	1.00E+00	1.41E+00	4.50E-01	3.46E-03	5.89E-04	9.07E-10	1.55E-10
4.59E+00	7.98E-01	5.76E+00	1.24E+00	2.24E+00	2.69E-01	1.71E+00	3.18E-01	3.34E-01	4.93E-02	3.74E+00	6.83E-01	1.82E+00	3.01E-01	3.28E-03	5.67E-04	8.60E-10	1.49E-10
4.99E+00	9.26E-01	6.07E+00	1.11E+00	2.84E+00	3.47E-01	1.89E+00	2.80E-01	3.44E-01	4.81E-02	3.66E+00	6.98E-01	1.51E+00	3.20E-01	3.46E-03	4.60E-04	9.08E-10	1.21E-10
4.51E+00	1.13E+00	5.80E+00	1.32E+00	2.48E+00	3.37E-01	1.77E+00	3.27E-01	3.07E-01	4.97E-02	3.45E+00	8.62E-01	1.45E+00	3.98E-01	3.40E-03	4.81E-04	8.92E-10	1.26E-10
4.25E+00	8.11E-01	5.39E+00	1.13E+00	1.88E+00	2.39E-01	1.80E+00	3.47E-01	3.19E-01	4.40E-02	3.33E+00	6.03E-01	1.44E+00	2.85E-01	3.38E-03	5.36E-04	8.86E-10	1.41E-10
3.70E+00	8.58E-01	5.66E+00	9.58E-01	1.85E+00	1.90E-01	1.82E+00	2.85E-01	3.24E-01	3.37E-02	2.79E+00	6.83E-01	1.37E+00	3.29E-01	3.18E-03	4.71E-04	8.35E-10	1.24E-10
3.59E+00	7.54E-01	5.33E+00	7.97E-01	1.71E+00	2.04E-01	1.73E+00	2.16E-01	2.87E-01	3.21E-02	2.59E+00	6.75E-01	1.32E+00	3.45E-01	3.25E-03	3.22E-04	8.54E-10	8.45E-11
5.43E+00	5.93E-01	4.96E+00	7.65E-01	1.54E+00	2.10E-01	1.65E+00	2.01E-01	2.54E-01	3.19E-02	3.50E+00	5.41E-01	2.16E+00	2.82E-01	2.90E-03	3.06E-04	7.61E-10	8.03E-11
5.74E+00	6.93E-01	5.08E+00	8.09E-01	1.62E+00	1.83E-01	1.49E+00	1.92E-01	2.86E-01	2.75E-02	3.47E+00	6.00E-01	2.15E+00	3.08E-01	2.57E-03	2.97E-04	6.75E-10	7.80E-11
4.10E+00	6.22E-01	4.90E+00	6.85E-01	1.87E+00	2.22E-01	1.65E+00	2.04E-01	2.73E-01	3.21E-02	2.87E+00	4.77E-01	1.51E+00	2.33E-01	2.88E-03	2.39E-04	7.55E-10	6.27E-11
4.15E+00	5.72E-01	5.29E+00	7.64E-01	1.73E+00	2.38E-01	1.45E+00	1.86E-01	3.06E-01	3.40E-02	2.90E+00	4.39E-01	1.54E+00	2.29E-01	2.59E-03	2.44E-04	6.81E-10	6.40E-11
4.63E+00	5.11E-01	5.24E+00	8.19E-01	1.61E+00	3.18E-01	1.75E+00	1.92E-01	3.32E-01	4.82E-02	3.57E+00	3.72E-01	2.03E+00	1.72E-01	3.24E-03	2.83E-04	8.50E-10	7.42E-11
6.62E+00	5.44E-01	5.03E+00	1.02E+00	1.94E+00	3.44E-01	1.84E+00	2.55E-01	3.17E-01	5.72E-02	4.92E+00	4.54E-01	2.78E+00	2.21E-01	3.51E-03	4.11E-04	9.20E-10	1.08E-10
7.82E+00	6.08E-01	5.29E+00	1.07E+00	1.83E+00	3.17E-01	1.66E+00	2.99E-01	3.17E-01	5.76E-02	5.62E+00	4.78E-01	3.19E+00	2.51E-01	3.22E-03	4.79E-04	8.44E-10	1.26E-10
7.85E+00	6.17E-01	4.84E+00	9.85E-01	1.67E+00	3.34E-01	1.62E+00	2.99E-01	3.16E-01	5.88E-02	5.58E+00	4.45E-01	3.19E+00	2.30E-01	3.02E-03	4.68E-04	7.92E-10	1.23E-10
6.99E+00	5.69E-01	5.01E+00	1.05E+00	1.58E+00	3.34E-01	1.62E+00	3.19E-01	3.15E-01	6.36E-02	4.93E+00	4.01E-01	2.84E+00	1.90E-01	3.02E-03	5.62E-04	7.93E-10	1.47E-10
8.64E+00	5.36E-01	4.83E+00	1.06E+00	1.79E+00	3.14E-01	1.73E+00	3.45E-01	2.98E-01	6.42E-02	5.26E+00	4.12E-01	3.26E+00	1.87E-01	3.13E-03	6.16E-04	8.20E-10	1.62E-10
1.36E+01	6.64E-01	5.24E+00	1.03E+00	2.05E+00	2.91E-01	2.73E+00	3.53E-01	3.45E-01	6.25E-02	8.07E+00	4.98E-01	5.01E+00	2.49E-01	3.12E-03	6.32E-04	8.17E-10	1.66E-10
1.72E+01	8.02E-01	6.29E+00	1.04E+00	2.07E+00	2.67E-01	3.44E+00	3.50E-01	3.80E-01	6.09E-02	9.99E+00	6.39E-01	6.22E+00	3.14E-01	3.92E-03	6.68E-04	1.03E-09	1.75E-10
1.77E+01	8.79E-01	6.47E+00	1.13E+00	1.83E+00	2.73E-01	3.54E+00	3.94E-01	4.18E-01	6.60E-02	1.02E+01	6.66E-01	6.33E+00	3.44E-01	4.51E-03	7.47E-04	1.18E-09	1.96E-10
1.57E+01	8.30E-01	6.46E+00	1.14E+00	1.84E+00	2.70E-01	3.14E+00	4.08E-01	4.38E-01	6.69E-02	8.91E+00	5.91E-01	5.56E+00	3.08E-01	4.85E-03	7.70E-04	1.27E-09	2.02E-10
3.77E+00	8.95E-01	5.68E+00	1.67E+00	2.04E+00	3.75E-01	2.24E+00	5.01E-01	3.86E-01	8.25E-02	2.81E+00	6.70E-01	1.17E+00	2.80E-01	5.10E-03	8.78E-04	1.34E-09	2.30E-10
3.96E+00	8.33E-01	5.75E+00	1.50E+00	2.12E+00	3.69E-01	2.11E+00	5.22E-01	3.90E-01	8.43E-02	2.95E+00	5.78E-01	1.24E+00	2.54E-01	4.90E-03	9.15E-04	1.29E-09	2.40E-10
4.09E+00	8.19E-01	5.39E+00	1.49E+00	2.28E+00	3.54E-01	1.84E+00	5.25E-01	3.64E-01	8.32E-02	3.14E+00	5.82E-01	1.31E+00	2.56E-01	4.35E-03	9.36E-04	1.14E-09	2.45E-10
3.89E+00	7.92E-01	5.56E+00	1.43E+00	2.46E+00	3.19E-01	1.69E+00	5.02E-01	3.61E-01	7.93E-02	3.08E+00	5.64E-01	1.42E+00	2.51E-01	3.50E-03	9.24E-04	9.18E-10	2.42E-10
5.04E+00	8.12E-01	6.06E+00	1.33E+00	2.26E+00	3.38E-01	1.78E+00	4.48E-01	3.92E-01	7.12E-02	3.01E+00	5.82E-01	1.87E+00	2.58E-01	3.16E-03	8.64E-04	8.29E-10	2.27E-10
5.69E+00	7.85E-01	5.94E+00	1.31E+00	2.50E+00	4.16E-01	1.86E+00	4.40E-01	3.83E-01	7.19E-02	3.44E+00	5.64E-01	2.13E+00	2.48E-01	3.44E-03	7.99E-04	9.02E-10	2.10E-10
5.30E+00	9.23E-01	6.38E+00	1.30E+00	2.65E+00	4.61E-01	1.77E+00	4.28E-01	4.02E-01	7.70E-02	3.26E+00	6.66E-01	2.01E+00	2.86E-01	3.47E-03	7.88E-04	9.09E-10	2.07E-10
3.98E+00	1.03E+00	6.52E+00	1.45E+00	2.76E+00	5.15E-01	1.85E+00	4.21E-01	4.07E-01	7.92E-02	2.90E+00	7.43E-01	1.50E+00	3.34E-01	3.34E-03	7.71E-04	8.76E-10	2.02E-10
4.10E+00	1.17E+00	6.49E+00	1.54E+00	2.79E+00	4.87E-01	1.77E+00	4.10E-01	4.01E-01	8.20E-02	3.09E+00	8.86E-01	1.37E+00	4.39E-01	3.35E-03	7.24E-04	8.78E-10	1.90E-10
4.27E+00	1.34E+00	6.24E+00	1.68E+00	2.92E+00	5.40E-01	1.81E+00	4.16E-01	3.94E-01	7.57E-02	3.51E+00	1.06E+00	1.48E+00	4.76E-01	3.46E-03	6.95E-04	9.07E-10	1.82E-10
5.05E+00	1.04E+00	6.12E+00	1.53E+00	2.16E+00	3.69E-01	1.83E+00	3.65E-01	3.64E-01	6.18E-02	3.85E+00	8.52E-01	1.81E+00	3.74E-01	3.54E-03	6.61E-04	9.29E-10	1.74E-10
4.15E+00	7.66E-01	5.62E+00	1.10E+00	2.77E+00	3.04E-01	1.83E+00	3.32E-01	3.44E-01	4.95E-02	2.98E+00	5.68E-01	1.29E+00	2.63E-01	3.47E-03	5.39E-04	9.11E-10	1.41E-10
4.41E+00	1.08E+00	6.17E+00	1.25E+00	2.79E+00	4.03E-01	1.93E+00	3.31E-01	3.43E-01	5.64E-02	3.23E+00	8.08E-01	1.32E+00	3.64E-01	3.78E-03	4.92E-04	9.93E-10	1.29E-10
4.04E+00	1.04E+00	5.79E+00	1.33E+00	2.33E+00	3.25E-01	1.75E+00	3.58E-01	3.13E-01	5.49E-02	3.05E+00	7.77E-01	1.30E+00	3.53E-01	3.53E-03	5.64E-04	9.27E-10	1.48E-10
4.13E+00	8.48E-01	5.41E+00	1.10E+00	1.84E+00	2.55E-01	1.78E+00	3.49E-01	3.35E-01	4.59E-02	3.15E+00	6.24E-01	1.35E+00	2.92E-01	3.47E-03	5.58E-04	9.11E-10	1.47E-10
3.88E+00	8.70E-01	5.47E+00	1.01E+00	1.88E+00	1.92E-01	1.89E+00	2.70E-01	3.34E-01	3.50E-02	2.81E+00	6.79E-01	1.48E+00	3.26E-01	3.49E-03	4.57E-04	9.17E-10	1.20E-10
3.38E+00	8.19E-01	5.29E+00	9.00E-01	1.80E+00	2.14E-01	1.76E+00	2.26E-01	3.10E-01	3.62E-02	2.53E+00	7.02E-01	1.21E+00	3.55E-01	3.41E-03	3.37E-04	8.94E-10	8.85E-11
5.25E+00	6.37E-01	5.13E+00	8.41E-01	1.66E+00	2.08E-01	1.73E+00	2.15E-01	2.82E-01	3.65E-02	3.39E+00	5.92E-01	2.09E+00	3.13E-01	3.15E-03	3.47E-04	8.28E-10	9.10E-11
6.03E+00	7.40E-01	4.85E+00	8.54E-01	1.84E+00	2.15E-01	1.55E+00	2.10E-01	2.93E-01	3.23E-02	3.69E+00	6.65E-01	2.29E+00	3.34E-01	2.82E-03	3.43E-04	7.39E-10	8.99E-11
3.69E+00	6.62E-01	4.98E+00	7.66E-01	1.73E+00	2.29E-01	1.70E+00	2.27E-01	2.97E-01	3.29E-02	2.58E+00	4.85E-01	1.36E+00	2.38E-01	3.08E-03	2.89E-04	8.08E-10	7.59E-11
3.74E+00	6.25E-01	5.09E+00	7.58E-01	1.91E+00	2.34E-01	1.64E+00	1.87E-01	2.97E-01	3.79E-02	2.61E+00	4.80E-01	1.39E+00	2.44E-01	3.07E-03	2.73E-04	8.05E-10	7.16E-11
3.73E+00	5.02E-01	5.22E+00	7.66E-01	1.54E+00	2.61E-01	1.64E+00	2.13E-01	3.17E-01	4.02E-02	2.79E+00	3.64E-01	1.59E+00	1.90E-01	3.09E-03	3.13E-04	8.10E-10	8.22E-11
5.09E+00	4.79E-01	4.91E+00	8.84E-01	1.60E+00	3.23E-01	1.80E+00	2.23E-01	3.19E-01	5.33E-02	3.80E+00	3.94E-01	2.17E+00	1.77E-01	3.54E-03	3.75E-04	9.29E-10	9.85E-11
6.15E+00	6.15E-01	5.00E+00	1.04E+00	2.00E+00	3.36E-01	1.88E+00	2.85E-01	3.58E-01	5.99E-02	4.52E+00	4.91E-01	2.57E+00	2.43E-01	3.51E-03	4.84E-04	9.20E-10	1.27E-10
6.46E+00	6.36E-01	5.59E+00	1.06E+00	1.92E+00	3.10E-01	2.05E+00	3.18E-01	3.91E-01	5.99E-02	4.70E+00	4.98E-01	2.68E+00	2.59E-01	3.92E-03	5.39E-04	1.03E-09	1.42E-10
6.02E+00	5.82E-01	5.28E+00	9.78E-01	1.67E+00	3.09E-01	1.85E+00	3.17E-01	3.56E-01	5.89E-02	4.33E+00	4.43E-01	2.47E+00	2.34E-01	3.57E-03	5.30E-04	9.36E-10	1.39E-10
5.76E+00	5.29E-01	4.80E+00	1.01E+00	1.47E+00	3.14E-01	1.59E+00	3.32E-01	3.04E-01	6.39E-02	4.11E+00	3.73E-01	2.25E+00	1.92E-01	3.06E-03	6.11E-04	8.03E-10	1.60E-10
7.73E+00	5.10E-01	5.01E+00	1.04E+00	1.56E+00	3.08E-01	1.66E+00	3.57E-01	2.98E-01	6.57E-02	4.71E+00	4.32E-01	2.92E+00	1.93E-01	3.15E-03	6.59E-04	8.26E-10	1.73E-10
1.18E+01	6.21E-01	5.32E+00	1.02E+00	1.86E+00	2.94E-01	2.37E+00	3.61E-01	3.37E-01	6.44E-02	7.04E+00	4.89E-01	4.37E+00	2.33E-01	3.41E-03	6.65E-04	8.94E-10	1.75E-10
1.46E+01	7.46E-01	6.05E+00	9.68E-01	1.91E+00	2.66E-01	2.92E+00	3.50E-01	3.94E-01	6.03E-02	8.53E+00	6.08E-01	5.30E+00	2.91E-01	4.19E-03	6.43E-04	1.10E-09	1.69E-10
1.53E+01	8.57E-01	6.54E+00	1.05E+00	1.85E+00	2.50E-01	3.05E+00	3.65E-01	4.35E-01	6.14E-02	8.80E+00	6.52E-01	5.48E+00	3.31E-01	4.80E-03	7.03E-04	1.26E-09	1.85E-10
3.96E+00	8.25E-01	5.65E+00	1.44E+00	2.45E+00	3.41E-01	2.21E+00	5.24E-01	3.44E-01	8.20E-02	2.95E+00	5.74E-01	1.22E+00	2.56E-01	5.14E-03	9.24E-04	1.35E-09	2.42E-10
4.15E+00	8.01E-01	5.87E+00	1.44E+00	2.62E+00	3.21E-01	1.91E+00	5.16E-01	3.37E-01	7.91E-02	3.18E+00	5.71E-01	1.26E+00	2.55E-01	4.50E-03	9.22E-04	1.18E-09	2.42E-10
3.82E+00	7.59E-01	5.89E+00	1.35E+00	2.49E+00	3.09E-01	1.68E+00	4.79E-01	3.65E-01	7.40E-02	2.90E+00	5.38E-01	1.40E+00	2.37E-01	3.56E-03	8.79E-04	9.33E-10	2.31E-10
4.70E+00	7.73E-01	5.91E+00	1.32E+00	2.14E+00	3.52E-01	1.85E+00	4.46E-01	3.90E-01	7.09E-02	2.81E+00	5.51E-01	1.74E+00	2.40E-01	3.32E-03	8.16E-04	8.70E-10	2.14E-10
5.20E+00	7.52E-01	5.94E+00	1.31E+00	2.37E+00	4.17E-01	1.89E+00	4.46E-01	3.82E-01	7.37E-02	3.15E+00	5.37E-01	1.95E+00	2.47E-01	3.65E-03	8.11E-04	9.58E-10	2.13E-10
4.98E+00	8.97E-01	6.24E+00	1.29E+00	2.48E+00	4.57E-01	1.87E+00	4.35E-01	4.01E-01	7.86E-02	3.09E+00	6.44E-01	1.90E+00	2.75E-01	3.55E-03	8.24E-04	9.31E-10	2.16E-10
3.91E+00	1.02E+00	6.48E+00	1.49E+00	2.65E+00	5.26E-01	1.91E+00	4.44E-01	4.16E-01	8.33E-02	2.94E+00	7.27E-01	1.51E+00	3.22E-01	3.61E-03	7.93E-04	9.48E-10	2.08E-10
4.20E+00	1.23E+00	6.57E+00	1.61E+00	2.77E+00	5.12E-01	1.93E+00	4.48E-01	4.17E-01	8.97E-02	3.37E+00	9.27E-01	1.44E+00	4.54E-01	3.64E-03	8.12E-04	9.56E-10	2.13E-10
4.69E+00	1.42E+00	6.54E+00	1.80E+00	2.72E+00	5.99E-01	1.90E+00	4.72E-01	4.04E-01	8.60E-02	3.69E+00	1.09E+00	1.54E+00	4.86E-01	3.57E-03	8.15E-04	9.36E-10	2.14E-10
5.00E+00	1.28E+00	6.42E+00	1.85E+00	2.42E+00	5.03E-01	1.85E+00	4.51E-01	3.98E-01	8.19E-02	3.64E+00	1.01E+00	1.65E+00	4.43E-01	3.59E-03	8.01E-04	9.43E-10	2.10E-10
4.67E+00	8.05E-01	5.67E+00	1.31E+00	2.19E+00	3.03E-01	1.83E+00	3.87E-01	3.48E-01	5.51E-02	3.68E+00	6.14E-01	1.65E+00	2.78E-01	3.45E-03	6.42E-04	9.06E-10	1.69E-10
4.22E+00	9.15E-01	5.96E+00	1.16E+00	2.74E+00	3.83E-01	1.81E+00	3.36E-01	3.70E-01	5.92E-02	3.04E+00	6.72E-01	1.19E+00	3.00E-01	3.59E-03	6.10E-04	9.42E-10	1.60E-10
4.15E+00	1.11E+00	5.86E+00	1.39E+00	2.71E+00	4.12E-01	1.85E+00	3.66E-01	3.55E-01	6.15E-02	3.01E+00	8.24E-01	1.27E+00	3.68E-01	3.77E-03	6.03E-04	9.88E-10	1.58E-10
3.73E+00	8.97E-01	5.58E+00	1.26E+00	2.39E+00	2.90E-01	1.75E+00	3.83E-01	3.08E-01	5.69E-02	2.72E+00	6.60E-01	1.23E+00	2.98E-01	3.46E-03	6.33E-04	9.07E-10	1.66E-10
3.71E+00	8.44E-01	5.32E+00	1.13E+00	1.84E+00	2.76E-01	1.74E+00	3.57E-01	3.39E-01	4.68E-02	2.80E+00	6.15E-01	1.28E+00	2.85E-01	3.48E-03	5.99E-04	9.13E-10	1.57E-10
4.02E+00	8.69E-01	5.32E+00	1.05E+00	1.87E+00	1.98E-01	1.93E+00	2.90E-01	3.36E-01	3.63E-02	2.70E+00	6.66E-01	1.54E+00	3.19E-01	3.76E-03	4.59E-04	9.86E-10	1.21E-10
3.37E+00	8.79E-01	5.27E+00	9.84E-01	1.79E+00	2.09E-01	1.81E+00	2.50E-01	3.28E-01	3.97E-02	2.52E+00	7.18E-01	1.28E+00	3.61E-01	3.64E-03	3.59E-04	9.55E-10	9.41E-11
5.01E+00	7.32E-01	5.21E+00	8.68E-01	1.70E+00	2.06E-01	1.85E+00	2.31E-01	3.07E-01	4.04E-02	3.25E+00	6.37E-01	2.00E+00	3.34E-01	3.56E-03	4.01E-04	9.34E-10	1.05E-10
6.09E+00	7.98E-01	4.98E+00	9.42E-01	1.74E+00	2.33E-01	1.64E+00	2.34E-01	2.94E-01	3.67E-02	3.77E+00	6.93E-01	2.33E+00	3.43E-01	3.21E-03	3.99E-04	8.43E-10	1.05E-10
4.05E+00	6.89E-01	4.94E+00	8.44E-01	1.76E+00	2.19E-01	1.72E+00	2.49E-01	3.10E-01	3.41E-02	2.39E+00	5.04E-01	1.49E+00	2.42E-01	3.27E-03	3.48E-04	8.58E-10	9.12E-11
3.35E+00	6.54E-01	4.74E+00	7.56E-01	1.99E+00	2.42E-01	1.72E+00	2.15E-01	2.92E-01	3.93E-02	2.36E+00	5.00E-01	1.24E+00	2.46E-01	3.37E-03	3.01E-04	8.85E-10	7.89E-11
3.35E+00	5.73E-01	5.28E+00	7.94E-01	1.69E+00	2.25E-01	1.67E+00	2.21E-01	3.12E-01	4.11E-02	2.33E+00	4.16E-01	1.24E+00	2.17E-01	3.15E-03	3.44E-04	8.26E-10	9.03E-11
4.10E+00	4.67E-01	4.83E+00	7.47E-01	1.73E+00	2.69E-01	1.78E+00	2.29E-01	2.88E-01	4.41E-02	2.88E+00	3.34E-01	1.64E+00	1.54E-01	3.55E-03	3.64E-04	9.32E-10	9.55E-11
5.15E+00	5.77E-01	5.32E+00	9.00E-01	1.76E+00	3.15E-01	2.08E+00	2.49E-01	3.84E-01	5.55E-02	3.57E+00	4.59E-01	1.96E+00	2.11E-01	3.93E-03	4.37E-04	1.03E-09	1.15E-10
6.40E+00	6.65E-01	6.22E+00	1.02E+00	2.02E+00	3.19E-01	2.38E+00	3.05E-01	4.41E-01	6.10E-02	4.22E+00	5.15E-01	2.30E+00	2.54E-01	4.59E-03	5.41E-04	1.20E-09	1.42E-10
6.10E+00	6.50E-01	6.23E+00	1.02E+00	1.94E+00	2.95E-01	2.31E+00	3.31E-01	4.30E-01	6.05E-02	3.86E+00	4.96E-01	2.19E+00	2.55E-01	4.49E-03	5.84E-04	1.18E-09	1.53E-10
4.56E+00	5.94E-01	5.54E+00	9.60E-01	1.67E+00	2.89E-01	1.95E+00	3.27E-01	3.68E-01	5.81E-02	3.41E+00	4.41E-01	1.80E+00	2.30E-01	3.81E-03	5.69E-04	1.00E-09	1.49E-10

Scenario 1 Results

5.86E+00	5.26E-01	4.77E+00	9.74E-01	1.41E+00	3.02E-01	1.62E+00	3.32E-01	2.97E-01	6.33E-02	4.17E+00	3.84E-01	2.29E+00	1.96E-01	3.19E-03	6.24E-04	8.37E-10	1.64E-10
6.94E+00	5.21E-01	4.77E+00	9.98E-01	1.44E+00	2.95E-01	1.65E+00	3.50E-01	2.91E-01	6.44E-02	4.37E+00	4.29E-01	2.61E+00	1.88E-01	3.08E-03	6.63E-04	8.09E-10	1.74E-10
1.02E+01	6.24E-01	5.24E+00	9.84E-01	1.58E+00	2.73E-01	2.04E+00	3.53E-01	3.30E-01	6.25E-02	6.06E+00	4.83E-01	3.76E+00	2.27E-01	3.42E-03	6.72E-04	8.95E-10	1.76E-10
1.26E+01	7.29E-01	5.96E+00	1.01E+00	1.68E+00	2.47E-01	2.51E+00	3.39E-01	3.86E-01	5.83E-02	7.35E+00	5.80E-01	4.57E+00	2.69E-01	4.17E-03	6.46E-04	1.09E-09	1.70E-10
3.96E+00	7.66E-01	6.11E+00	1.37E+00	2.69E+00	3.14E-01	1.89E+00	4.95E-01	3.73E-01	7.39E-02	3.02E+00	5.49E-01	1.20E+00	2.48E-01	4.46E-03	8.85E-04	1.17E-09	2.32E-10
3.81E+00	7.29E-01	6.11E+00	1.27E+00	2.43E+00	3.01E-01	1.78E+00	4.55E-01	3.68E-01	6.99E-02	2.81E+00	5.15E-01	1.36E+00	2.27E-01	3.55E-03	8.35E-04	9.30E-10	2.19E-10
4.56E+00	7.23E-01	5.51E+00	1.29E+00	1.98E+00	3.47E-01	1.84E+00	4.42E-01	3.63E-01	6.97E-02	2.74E+00	5.12E-01	1.69E+00	2.23E-01	3.42E-03	7.91E-04	8.98E-10	2.07E-10
4.91E+00	7.36E-01	5.75E+00	1.29E+00	2.23E+00	4.02E-01	1.87E+00	4.42E-01	3.73E-01	7.11E-02	2.97E+00	5.34E-01	1.84E+00	2.45E-01	3.63E-03	7.96E-04	9.51E-10	2.09E-10
4.63E+00	8.62E-01	6.13E+00	1.27E+00	2.42E+00	4.66E-01	1.93E+00	4.28E-01	4.00E-01	7.89E-02	3.21E+00	6.16E-01	1.76E+00	2.67E-01	3.76E-03	8.25E-04	9.86E-10	2.16E-10
4.15E+00	9.83E-01	6.35E+00	1.49E+00	2.57E+00	5.30E-01	1.97E+00	4.53E-01	4.14E-01	8.65E-02	3.09E+00	6.97E-01	1.45E+00	3.25E-01	3.83E-03	8.08E-04	1.01E-09	2.12E-10
4.55E+00	1.33E+00	6.57E+00	1.65E+00	2.60E+00	5.26E-01	2.03E+00	4.69E-01	4.23E-01	9.32E-02	3.55E+00	9.74E-01	1.47E+00	4.71E-01	3.88E-03	8.57E-04	1.02E-09	2.25E-10
4.79E+00	1.43E+00	6.60E+00	1.86E+00	2.92E+00	6.37E-01	1.99E+00	5.15E-01	4.21E-01	9.34E-02	3.65E+00	1.08E+00	1.49E+00	4.95E-01	3.85E-03	8.75E-04	1.01E-09	2.30E-10
4.43E+00	1.40E+00	6.56E+00	2.05E+00	2.50E+00	6.06E-01	1.91E+00	5.14E-01	4.10E-01	9.79E-02	3.51E+00	1.08E+00	1.50E+00	4.66E-01	3.70E-03	9.14E-04	9.72E-10	2.40E-10
5.47E+00	1.02E+00	5.90E+00	1.72E+00	2.49E+00	3.84E-01	1.92E+00	4.79E-01	3.56E-01	7.83E-02	4.11E+00	7.99E-01	1.81E+00	3.44E-01	3.61E-03	8.23E-04	9.47E-10	2.16E-10
3.61E+00	8.21E-01	5.58E+00	1.25E+00	2.48E+00	3.43E-01	1.88E+00	4.09E-01	3.42E-01	6.09E-02	2.65E+00	5.98E-01	1.17E+00	2.65E-01	3.62E-03	7.25E-04	9.49E-10	1.90E-10
4.06E+00	1.06E+00	6.11E+00	1.32E+00	2.45E+00	4.54E-01	1.80E+00	3.82E-01	3.74E-01	6.64E-02	2.92E+00	7.82E-01	1.27E+00	3.44E-01	3.41E-03	6.45E-04	8.95E-10	1.69E-10
4.03E+00	1.06E+00	5.93E+00	1.45E+00	2.39E+00	4.04E-01	1.84E+00	3.98E-01	3.60E-01	6.58E-02	2.90E+00	7.80E-01	1.22E+00	3.45E-01	3.37E-03	6.89E-04	8.84E-10	1.81E-10
3.63E+00	8.15E-01	5.18E+00	1.20E+00	2.27E+00	2.90E-01	1.71E+00	4.01E-01	3.01E-01	5.88E-02	2.69E+00	5.89E-01	1.10E+00	2.66E-01	3.30E-03	6.89E-04	8.67E-10	1.81E-10
3.31E+00	8.11E-01	5.03E+00	1.17E+00	1.91E+00	2.86E-01	1.71E+00	3.58E-01	3.25E-01	4.82E-02	2.69E+00	5.84E-01	1.31E+00	2.68E-01	3.33E-03	6.24E-04	8.73E-10	1.64E-10
4.10E+00	8.73E-01	5.23E+00	1.08E+00	1.85E+00	2.00E-01	1.87E+00	3.13E-01	3.22E-01	4.06E-02	2.75E+00	6.77E-01	1.58E+00	3.26E-01	3.78E-03	4.98E-04	9.93E-10	1.31E-10
3.41E+00	9.19E-01	5.16E+00	1.04E+00	1.76E+00	2.04E-01	1.78E+00	2.75E-01	3.24E-01	4.10E-02	2.50E+00	7.37E-01	1.33E+00	3.69E-01	3.63E-03	3.88E-04	9.52E-10	1.02E-10
4.86E+00	8.10E-01	5.23E+00	8.78E-01	1.70E+00	2.05E-01	1.85E+00	2.38E-01	3.10E-01	4.22E-02	3.14E+00	6.84E-01	1.93E+00	3.56E-01	3.71E-03	4.35E-04	9.72E-10	1.14E-10
6.09E+00	8.32E-01	5.03E+00	1.01E+00	1.56E+00	2.43E-01	1.65E+00	2.49E-01	2.85E-01	3.92E-02	3.79E+00	7.07E-01	2.35E+00	3.45E-01	3.39E-03	4.34E-04	8.90E-10	1.14E-10
4.59E+00	7.11E-01	4.69E+00	8.94E-01	1.95E+00	2.09E-01	1.63E+00	2.59E-01	2.93E-01	3.84E-02	2.75E+00	5.39E-01	1.71E+00	2.78E-01	3.20E-03	3.88E-04	8.40E-10	1.02E-10
3.25E+00	6.54E-01	4.80E+00	8.27E-01	1.83E+00	2.35E-01	1.68E+00	2.42E-01	2.97E-01	3.84E-02	2.37E+00	5.00E-01	1.11E+00	2.45E-01	3.39E-03	3.49E-04	8.90E-10	9.16E-11
3.00E+00	6.25E-01	5.02E+00	7.75E-01	1.99E+00	2.38E-01	1.95E+00	2.21E-01	3.32E-01	4.33E-02	2.10E+00	4.60E-01	1.11E+00	2.32E-01	3.67E-03	3.61E-04	9.64E-10	9.47E-11
3.49E+00	4.80E-01	4.96E+00	7.91E-01	1.56E+00	2.09E-01	2.14E+00	2.45E-01	3.29E-01	4.27E-02	2.41E+00	3.39E-01	1.29E+00	1.77E-01	4.26E-03	4.12E-04	1.12E-09	1.08E-10
4.45E+00	4.81E-01	5.28E+00	8.26E-01	1.77E+00	2.65E-01	2.13E+00	2.41E-01	3.82E-01	4.63E-02	2.75E+00	3.79E-01	1.57E+00	1.60E-01	4.10E-03	4.07E-04	1.08E-09	1.07E-10
5.73E+00	6.23E-01	6.44E+00	9.16E-01	2.00E+00	2.97E-01	2.56E+00	2.65E-01	4.61E-01	5.57E-02	3.89E+00	4.78E-01	2.04E+00	2.23E-01	4.97E-03	4.81E-04	1.30E-09	1.26E-10
6.42E+00	6.74E-01	6.85E+00	9.79E-01	2.09E+00	3.00E-01	2.64E+00	3.14E-01	4.81E-01	6.03E-02	4.20E+00	5.08E-01	2.30E+00	2.51E-01	5.19E-03	5.69E-04	1.36E-09	1.49E-10
5.62E+00	6.58E-01	6.47E+00	9.89E-01	1.95E+00	2.83E-01	2.39E+00	3.34E-01	4.42E-01	6.00E-02	3.56E+00	4.89E-01	2.01E+00	2.51E-01	4.71E-03	6.00E-04	1.24E-09	1.57E-10
4.75E+00	5.98E-01	5.54E+00	9.31E-01	1.66E+00	2.69E-01	1.94E+00	3.25E-01	3.66E-01	5.60E-02	3.52E+00	4.36E-01	1.88E+00	2.26E-01	3.81E-03	5.79E-04	9.99E-10	1.52E-10
5.89E+00	5.34E-01	4.56E+00	9.10E-01	1.32E+00	2.73E-01	1.75E+00	3.19E-01	3.07E-01	5.98E-02	4.20E+00	3.87E-01	2.31E+00	1.96E-01	3.47E-03	6.16E-04	9.09E-10	1.62E-10
6.35E+00	5.28E-01	4.34E+00	9.16E-01	1.36E+00	2.62E-01	1.66E+00	3.32E-01	2.91E-01	6.00E-02	4.36E+00	4.24E-01	2.45E+00	1.84E-01	3.29E-03	6.45E-04	8.63E-10	1.69E-10
8.92E+00	6.18E-01	4.99E+00	1.02E+00	1.40E+00	2.46E-01	1.78E+00	3.29E-01	3.11E-01	5.79E-02	5.31E+00	4.73E-01	3.29E+00	2.19E-01	3.25E-03	6.39E-04	8.52E-10	1.68E-10
3.72E+00	6.88E-01	5.88E+00	1.24E+00	2.19E+00	2.95E-01	1.82E+00	4.29E-01	3.63E-01	6.92E-02	2.75E+00	4.87E-01	1.26E+00	2.13E-01	3.44E-03	7.67E-04	9.03E-10	2.01E-10
4.18E+00	6.81E-01	5.44E+00	1.26E+00	1.86E+00	3.32E-01	1.84E+00	4.39E-01	3.33E-01	6.84E-02	2.68E+00	4.85E-01	1.55E+00	2.11E-01	3.52E-03	7.90E-04	9.24E-10	2.07E-10
4.63E+00	7.20E-01	5.35E+00	1.23E+00	2.13E+00	3.70E-01	1.83E+00	4.28E-01	3.50E-01	6.67E-02	2.83E+00	5.19E-01	1.73E+00	2.35E-01	3.46E-03	7.71E-04	9.07E-10	2.02E-10
4.49E+00	8.02E-01	5.73E+00	1.22E+00	2.46E+00	4.45E-01	1.86E+00	4.02E-01	3.73E-01	7.49E-02	3.10E+00	5.75E-01	1.70E+00	2.54E-01	3.68E-03	7.69E-04	9.65E-10	2.02E-10
4.27E+00	9.26E-01	6.02E+00	1.45E+00	2.33E+00	5.10E-01	1.93E+00	4.41E-01	3.98E-01	8.64E-02	3.14E+00	6.47E-01	1.42E+00	3.18E-01	3.80E-03	7.80E-04	9.97E-10	2.05E-10
4.71E+00	1.38E+00	6.46E+00	1.64E+00	2.72E+00	5.38E-01	2.05E+00	4.77E-01	4.23E-01	9.49E-02	3.57E+00	9.92E-01	1.47E+00	4.77E-01	3.95E-03	8.66E-04	1.04E-09	2.27E-10
4.66E+00	1.51E+00	6.48E+00	1.85E+00	2.99E+00	6.46E-01	2.04E+00	5.37E-01	4.19E-01	9.71E-02	3.46E+00	1.13E+00	1.39E+00	5.25E-01	4.03E-03	9.09E-04	1.06E-09	2.38E-10
4.75E+00	1.46E+00	6.55E+00	2.14E+00	3.00E+00	6.72E-01	1.99E+00	5.53E-01	3.99E-01	1.08E-01	3.69E+00	1.10E+00	1.49E+00	4.72E-01	3.84E-03	9.80E-04	1.01E-09	2.57E-10
5.33E+00	1.18E+00	6.14E+00	1.98E+00	2.71E+00	5.09E-01	1.98E+00	5.53E-01	3.85E-01	9.70E-02	3.90E+00	9.08E-01	1.69E+00	3.85E-01	3.66E-03	9.22E-04	9.61E-10	2.42E-10
4.51E+00	7.93E-01	5.52E+00	1.41E+00	1.95E+00	3.16E-01	1.83E+00	4.53E-01	3.26E-01	6.80E-02	3.44E+00	6.03E-01	1.49E+00	2.68E-01	3.74E-03	8.33E-04	9.81E-10	2.19E-10
3.76E+00	9.24E-01	5.57E+00	1.30E+00	2.55E+00	4.30E-01	1.83E+00	3.85E-01	3.55E-01	6.70E-02	2.68E+00	6.72E-01	1.27E+00	2.92E-01	3.57E-03	7.32E-04	9.36E-10	1.92E-10
3.82E+00	1.10E+00	6.13E+00	1.49E+00	2.44E+00	4.77E-01	1.85E+00	4.29E-01	3.61E-01	7.25E-02	2.74E+00	8.02E-01	1.26E+00	3.50E-01	3.40E-03	7.24E-04	8.91E-10	1.90E-10
3.67E+00	9.50E-01	5.75E+00	1.44E+00	2.11E+00	3.76E-01	1.77E+00	4.21E-01	3.48E-01	7.03E-02	2.62E+00	6.89E-01	1.10E+00	3.24E-01	3.42E-03	7.42E-04	8.97E-10	1.95E-10
3.48E+00	8.33E-01	5.30E+00	1.20E+00	2.11E+00	3.05E-01	1.68E+00	4.14E-01	3.18E-01	6.06E-02	2.56E+00	5.97E-01	1.02E+00	2.68E-01	3.21E-03	7.32E-04	8.42E-10	1.92E-10
3.19E+00	7.71E-01	5.08E+00	1.19E+00	1.99E+00	3.04E-01	1.95E+00	3.71E-01	3.34E-01	5.39E-02	2.64E+00	5.52E-01	1.29E+00	2.51E-01	3.64E-03	6.45E-04	9.55E-10	1.69E-10
4.02E+00	9.04E-01	5.11E+00	1.11E+00	1.87E+00	2.14E-01	1.88E+00	3.35E-01	3.08E-01	4.48E-02	2.72E+00	7.04E-01	1.56E+00	3.36E-01	3.65E-03	5.65E-04	9.59E-10	1.48E-10
3.38E+00	9.49E-01	5.05E+00	1.13E+00	1.65E+00	1.87E-01	1.76E+00	3.07E-01	2.98E-01	3.95E-02	2.47E+00	7.52E-01	1.35E+00	3.71E-01	3.36E-03	4.36E-04	8.83E-10	1.14E-10
4.58E+00	8.54E-01	5.06E+00	9.30E-01	1.60E+00	2.33E-01	1.71E+00	2.53E-01	3.04E-01	4.12E-02	2.97E+00	7.09E-01	1.83E+00	3.63E-01	3.50E-03	4.39E-04	9.18E-10	1.15E-10
5.88E+00	8.60E-01	4.91E+00	1.11E+00	1.54E+00	2.57E-01	1.66E+00	2.71E-01	2.92E-01	3.94E-02	3.69E+00	7.17E-01	2.28E+00	3.42E-01	3.26E-03	4.45E-04	8.54E-10	1.17E-10
4.85E+00	7.43E-01	4.54E+00	9.29E-01	2.01E+00	2.37E-01	1.61E+00	2.60E-01	2.86E-01	4.14E-02	2.94E+00	6.01E-01	1.82E+00	3.07E-01	2.96E-03	4.09E-04	7.76E-10	1.07E-10
3.13E+00	6.41E-01	5.10E+00	8.94E-01	1.79E+00	2.20E-01	1.84E+00	2.66E-01	3.36E-01	3.79E-02	2.30E+00	4.87E-01	9.94E-01	2.27E-01	3.55E-03	3.91E-04	9.32E-10	1.03E-10
2.88E+00	6.68E-01	5.66E+00	8.35E-01	2.02E+00	2.36E-01	2.14E+00	2.51E-01	3.77E-01	4.35E-02	2.03E+00	4.93E-01	1.01E+00	2.56E-01	4.03E-03	3.68E-04	1.06E-09	9.65E-11
3.19E+00	5.37E-01	5.71E+00	7.88E-01	1.72E+00	2.23E-01	2.40E+00	2.50E-01	3.81E-01	4.54E-02	2.13E+00	3.83E-01	1.14E+00	1.94E-01	4.77E-03	4.34E-04	1.25E-09	1.14E-10
3.56E+00	4.24E-01	5.19E+00	7.69E-01	1.65E+00	2.10E-01	2.33E+00	2.59E-01	3.63E-01	4.27E-02	2.35E+00	2.97E-01	1.26E+00	1.40E-01	4.75E-03	4.54E-04	1.25E-09	1.19E-10
4.65E+00	5.49E-01	6.38E+00	9.11E-01	1.94E+00	2.58E-01	2.60E+00	2.52E-01	4.60E-01	4.75E-02	3.17E+00	4.19E-01	1.68E+00	1.85E-01	5.07E-03	4.20E-04	1.33E-09	1.10E-10
5.91E+00	6.54E-01	7.12E+00	9.45E-01	2.14E+00	2.86E-01	2.83E+00	2.81E-01	5.07E-01	5.58E-02	3.98E+00	4.88E-01	2.11E+00	2.31E-01	5.58E-03	5.07E-04	1.46E-09	1.33E-10
5.99E+00	6.83E-01	7.15E+00	9.51E-01	2.15E+00	2.86E-01	2.74E+00	3.15E-01	4.99E-01	5.93E-02	3.91E+00	5.06E-01	2.14E+00	2.51E-01	5.42E-03	5.80E-04	1.42E-09	1.52E-10
5.02E+00	6.58E-01	6.56E+00	9.45E-01	1.97E+00	2.65E-01	2.41E+00	3.29E-01	4.47E-01	5.82E-02	3.20E+00	4.84E-01	1.80E+00	2.47E-01	4.75E-03	6.04E-04	1.25E-09	1.59E-10
4.86E+00	5.96E-01	5.59E+00	8.80E-01	1.67E+00	2.36E-01	1.96E+00	3.16E-01	3.69E-01	5.39E-02	3.59E+00	4.33E-01	1.92E+00	2.22E-01	3.84E-03	5.81E-04	1.01E-09	1.52E-10
5.84E+00	5.22E-01	4.69E+00	8.14E-01	1.33E+00	2.38E-01	1.85E+00	2.94E-01	3.24E-01	5.40E-02	4.16E+00	3.76E-01	2.28E+00	1.88E-01	3.66E-03	5.78E-04	9.59E-10	1.52E-10
6.22E+00	5.21E-01	4.57E+00	8.34E-01	1.33E+00	2.34E-01	1.78E+00	3.02E-01	3.10E-01	5.44E-02	4.29E+00	4.11E-01	2.40E+00	1.76E-01	3.53E-03	5.92E-04	9.26E-10	1.55E-10
3.85E+00	6.58E-01	5.41E+00	1.22E+00	1.78E+00	3.22E-01	1.80E+00	4.24E-01	3.26E-01	6.58E-02	2.62E+00	4.68E-01	1.43E+00	2.05E-01	3.55E-03	7.61E-04	9.30E-10	2.00E-10
4.18E+00	6.82E-01	5.12E+00	1.18E+00	2.18E+00	3.48E-01	1.80E+00	4.15E-01	3.34E-01	6.49E-02	2.76E+00	4.93E-01	1.57E+00	2.19E-01	3.45E-03	7.44E-04	9.05E-10	1.95E-10
4.13E+00	7.46E-01	5.68E+00	1.16E+00	2.42E+00	4.15E-01	1.81E+00	3.81E-01	3.42E-01	7.03E-02	2.91E+00	5.35E-01	1.56E+00	2.33E-01	3.53E-03	7.16E-04	9.25E-10	1.88E-10
4.04E+00	8.63E-01	5.64E+00	1.35E+00	2.09E+00	4.66E-01	1.82E+00	4.13E-01	3.62E-01	8.18E-02	2.96E+00	5.97E-01	1.37E+00	2.89E-01	3.58E-03	7.38E-04	9.39E-10	1.94E-10
4.44E+00	1.32E+00	5.92E+00	1.56E+00	2.64E+00	5.12E-01	1.94E+00	4.63E-01	3.92E-01	9.06E-02	3.33E+00	9.41E-01	1.36E+00	4.45E-01	3.75E-03	8.24E-04	9.85E-10	2.16E-10
4.30E+00	1.58E+00	6.16E+00	1.89E+00	2.77E+00	6.29E-01	2.01E+00	5.43E-01	4.06E-01	9.93E-02	3.23E+00	1.15E+00	1.38E+00	5.35E-01	3.97E-03	9.10E-04	1.04E-09	2.39E-10
4.87E+00	1.47E+00	6.73E+00	2.16E+00	3.24E+00	6.97E-01	2.01E+00	5.72E-01	4.08E-01	1.13E-01	3.70E+00	1.09E+00	1.51E+00	4.71E-01	3.87E-03	1.02E-03	1.01E-09	2.68E-10
4.73E+00	1.28E+00	6.15E+00	2.12E+00	2.65E+00	5.92E-01	1.97E+00	5.99E-01	3.91E-01	1.09E-01	3.41E+00	9.70E-01	1.46E+00	4.09E-01	3.69E-03	9.84E-04	9.68E-10	2.58E-10
4.97E+00	8.74E-01	6.10E+00	1.68E+00	2.54E+00	3.63E-01	1.91E+00	5.29E-01	3.28E-01	8.50E-02	3.71E+00	6.66E-01	1.57E+00	2.81E-01	3.78E-03	9.44E-04	9.91E-10	2.48E-10
3.34E+00	7.79E-01	5.25E+00	1.23E+00	2.15E+00	3.51E-01	1.77E+00	4.22E-01	3.24E-01	6.35E-02	2.39E+00	5.57E-01	1.10E+00	2.49E-01	3.74E-03	7.79E-04	9.81E-10	2.04E-10
3.65E+00	1.01E+00	5.89E+00	1.42E+00	2.37E+00	4.67E-01	1.81E+00	4.17E-01	3.65E-01	7.31E-02	2.59E+00	7.34E-01	1.22E+00	3.17E-01	3.81E-03	7.13E-04	9.99E-10	1.87E-10
3.82E+00	1.05E+00	5.87E+00	1.55E+00	2.23E+00	4.59E-01	1.88E+00	4.75E-01	3.51E-01	7.85E-02	2.78E+00	7.63E-01	1.32E+00	3.50E-01	3.50E-03	7.54E-04	9.18E-10	1.98E-10
3.43E+00	8.32E-01	5.67E+00	1.39E+00	2.18E+00	3.37E-01	1.80E+00	4.43E-01	3.27E-01	7.22E-02	2.42E+00	6.14E-01	1.07E+00	2.99E-01	3.35E-03	7.70E-04	8.80E-10	2.02E-10
3.31E+00	8.37E-01	5.56E+00	1.28E+00	1.96E+00	3.08E-01	2.01E+00	4.18E-01	3.74E-01	6.19E-02	2.54E+00	5.95E-01	1.11E+00	2.67E-01	3.69E-03	7.52E-04	9.67E-10	1.97E-10
3.22E+00	7.72E-01	5.72E+00	1.21E+00	2.00E+00	3.20E-01	2.24E+00	3.98E-01	3.79E-01	5.82E-02	2.50E+00	5.68E-01	1.21E+00	2.48E-01	4.28E-03	6.67E-04	1.12E-09	1.75E-10
3.98E+00	9.37E-01	5.22E+00	1.20E+00	1.84E+00	2.35E-01	2.09E+00	3.50E-01	3.26E-01	4.77E-02	2.69E+00	7.21E-01	1.54E+00	3.40E-01	4.11E-03	6.13E-04	1.08E-09	1.61E-10
3.36E+00	9.80E-01	4.87E+00	1.25E+00	1.63E+00	1.97E-01	1.72E+00	3.45E-01	2.97E-01	4.24E-02	2.44E+00	7.66E-01	1.38E+00	3.72E-01	3.31E-03	4.88E-04	8.69E-10	1.28E-10
4.28E+00	9.17E-01	4.85E+00	1.08E+00	1.49E+00	2.64E-01	1.69E+00	2.95E-01	3.00E-01	4.01E-02	2.77E+00	7.45E-01	1.71E+00	3.75E-01	3.11E-03	4.16E-04	8.16E-10	1.09E-10
5.66E+00	8.73E-01	4.70E+00	1.20E+00	1.55E+00	2.68E-01	1.67E+00	2.95E-01	2.89E-01	4.07E-02	3.56E+00	7.12E-01	2.20E+00	3.31E-01	3.20E-03	4.27E-04	8.39E-10	1.12E-10
5.03E+00	8.00E-01	4.70E+00	9.58E-01	1.87E+00	2.53E-01	1.63E+00	2.95E-01	3.00E-01	4.36E-02	3.07E+00	6.45E-01	1.90E+00	3.23E-01	3.05E-03	4.04E-04	8.00E-10	1.06E-10
3.05E+00	6.23E-01	5.27E+00	9.16E-01	1.92E+00	2.17E-01	1.97E+00	2.87E-01	3.62E-01	4.26E-02	2.12E+00	4.52E-01	1.12E+00	2.18E-01	3.83E-03	4.31E-04	1.01E-09	1.13E-10
2.96E+00	6.77E-01	6.06E+00	9.32E-01	1.87E+00	2.24E-01	2.22E+00	2.80E-01	4.07E-01	4.17E-02	2.09E+00	5.17E-01	9.72E-01	2.62E-01	4.21E-03	4.00E-04	1.10E-09	1.05E-10
3.03E+00	5.87E-01	6.36E+00	7.60E-01	1.86E+00	2.27E-01	2.60E+00	2.49E-01	4.27E-01	4.58E-02	1.99E+00	4.22E-01	1.07E+00	2.09E-01	5.13E-03	4.34E-04	1.35E-09	1.14E-10
3.35E+00	4.45E-01	5.96E+00	7.81E-01	1.42E+00	2.09E-01	2.61E+00	2.63E-01	4.01E-01	4.57E-02	2.23E+00	3.11E-01	1.20E+00	1.59E-01	5.31E-03	4.73E-04	1.39E-09	1.24E-10
4.01E+00	4.60E-01	6.13E+00	8.40E-01	1.83E+00	2.13E-01	2.55E+00	2.59E-01	4.43E-01	4.16E-02	2.39E+00	3.48E-01	1.40E+00	1.44E-01	4.98E-03	4.66E-04	1.31E-09	1.22E-10
4.91E+00	6.04E-01	7.18E+00	9.68E-01	2.14E+00	2.53E-01	2.92E+00	2.84E-01	5.15E-01	4.83E-02	3.37E+00	4.51E-01	1.74E+00	2.03E-01	5.76E-03	4.52E-04	1.51E-09	1.19E-10
5.73E+00	6.71E-01	7.57E+00	9.56E-01	2.26E+00	2.67E-01	2.99E+00	2.91E-01	5.36E-01	5.46E-02	3.82E+00	4.95E-01	2.04E+00	2.35E-01	5.93E-03	5.25E-04	1.55E-09	1.38E-10
5.59E+00	6.84E-01	7.35E+00	8.97E-01	2.19E+00	2.60E-01	2.81E+00	3.10E-01	5.10E-01	5.67E-02	3.63E+00	5.03E-01	2.00E+00	2.48E-01	5.57E-03	5.83E-04	1.46E-09	1.53E-10
4.65E+00	6.53E-01	6.66E+00	8.75E-01	1.97E+00	2.40E-01	2.46E+00	3.15E-01	4.52E-01	5.49E-02	2.97E+00	4.75E-01	1.67E+00	2.40E-01	4.87E-03	5.90E-04	1.28E-09	1.55E-10

Scenario 1 Results

4.83E+00	5.89E-01	5.67E+00	8.16E-01	1.66E+00	2.18E-01	2.01E+00	3.00E-01	3.75E-01	5.09E-02	3.56E+00	4.22E-01	1.90E+00	2.13E-01	3.98E-03	5.58E-04	1.04E-09	1.46E-10
5.66E+00	5.12E-01	4.87E+00	7.54E-01	1.36E+00	2.15E-01	1.95E+00	2.74E-01	3.38E-01	4.90E-02	4.04E+00	3.65E-01	2.21E+00	1.81E-01	3.89E-03	5.25E-04	1.02E-09	1.38E-10
3.95E+00	6.48E-01	4.92E+00	1.11E+00	2.15E+00	3.37E-01	1.72E+00	3.92E-01	3.18E-01	6.27E-02	2.64E+00	4.65E-01	1.48E+00	2.05E-01	3.34E-03	6.96E-04	8.76E-10	1.83E-10
3.83E+00	6.94E-01	5.51E+00	1.11E+00	2.31E+00	3.96E-01	1.77E+00	3.63E-01	3.28E-01	6.74E-02	2.72E+00	4.96E-01	1.45E+00	2.13E-01	3.43E-03	6.83E-04	9.01E-10	1.79E-10
3.77E+00	7.88E-01	5.39E+00	1.26E+00	1.99E+00	4.30E-01	1.75E+00	3.89E-01	3.35E-01	7.73E-02	2.74E+00	5.43E-01	1.29E+00	2.60E-01	3.45E-03	7.04E-04	9.05E-10	1.85E-10
4.07E+00	1.19E+00	5.46E+00	1.44E+00	2.46E+00	4.72E-01	1.82E+00	4.36E-01	3.59E-01	8.40E-02	3.02E+00	8.44E-01	1.23E+00	3.96E-01	3.54E-03	7.66E-04	9.28E-10	2.01E-10
4.07E+00	1.49E+00	5.99E+00	1.82E+00	2.52E+00	5.69E-01	1.90E+00	5.22E-01	3.69E-01	9.55E-02	3.08E+00	1.08E+00	1.28E+00	4.95E-01	3.73E-03	8.71E-04	9.77E-10	2.28E-10
4.62E+00	1.43E+00	6.30E+00	2.07E+00	3.10E+00	6.76E-01	1.92E+00	5.63E-01	3.92E-01	1.11E-01	3.44E+00	1.07E+00	1.45E+00	4.81E-01	3.70E-03	1.02E-03	9.69E-10	2.67E-10
4.27E+00	1.32E+00	6.36E+00	2.16E+00	2.54E+00	6.32E-01	1.89E+00	6.18E-01	3.79E-01	1.15E-01	3.25E+00	9.84E-01	1.53E+00	4.13E-01	3.58E-03	1.02E-03	9.38E-10	2.67E-10
4.97E+00	1.01E+00	6.07E+00	1.86E+00	2.79E+00	4.50E-01	1.95E+00	5.80E-01	3.46E-01	9.75E-02	3.63E+00	7.56E-01	1.50E+00	3.18E-01	3.75E-03	1.01E-03	9.85E-10	2.64E-10
3.87E+00	7.21E-01	5.53E+00	1.32E+00	1.90E+00	3.11E-01	1.84E+00	4.57E-01	3.15E-01	6.81E-02	2.90E+00	5.32E-01	1.21E+00	2.38E-01	3.83E-03	8.85E-04	1.00E-09	2.32E-10
3.42E+00	8.37E-01	5.03E+00	1.25E+00	2.24E+00	4.04E-01	1.86E+00	3.79E-01	3.23E-01	6.77E-02	2.53E+00	6.04E-01	1.20E+00	2.60E-01	4.04E-03	7.34E-04	1.06E-09	1.93E-10
3.44E+00	1.02E+00	5.89E+00	1.49E+00	2.11E+00	4.76E-01	1.76E+00	4.54E-01	3.67E-01	7.71E-02	2.55E+00	7.39E-01	1.20E+00	3.27E-01	3.89E-03	7.43E-04	1.02E-09	1.95E-10
3.55E+00	9.65E-01	5.88E+00	1.51E+00	1.99E+00	4.17E-01	1.89E+00	4.90E-01	3.45E-01	7.95E-02	2.55E+00	7.07E-01	1.21E+00	3.36E-01	3.53E-03	8.09E-04	9.25E-10	2.12E-10
3.14E+00	8.17E-01	5.40E+00	1.28E+00	2.10E+00	3.45E-01	1.87E+00	4.43E-01	3.68E-01	7.01E-02	2.21E+00	5.81E-01	9.69E-01	2.71E-01	3.40E-03	7.87E-04	8.93E-10	2.07E-10
3.61E+00	8.29E-01	6.34E+00	1.34E+00	1.94E+00	3.33E-01	2.36E+00	4.33E-01	4.28E-01	6.75E-02	2.84E+00	5.87E-01	1.24E+00	2.63E-01	4.43E-03	7.60E-04	1.16E-09	2.00E-10
3.30E+00	8.13E-01	6.38E+00	1.23E+00	1.99E+00	3.40E-01	2.53E+00	4.23E-01	4.25E-01	6.21E-02	2.42E+00	5.93E-01	1.17E+00	2.58E-01	4.92E-03	7.37E-04	1.29E-09	1.93E-10
3.96E+00	1.01E+00	5.47E+00	1.33E+00	1.78E+00	2.62E-01	2.30E+00	3.67E-01	3.60E-01	5.22E-02	2.67E+00	7.63E-01	1.53E+00	3.58E-01	4.57E-03	6.52E-04	1.20E-09	1.71E-10
3.45E+00	1.04E+00	5.03E+00	1.37E+00	1.70E+00	2.14E-01	1.75E+00	3.88E-01	2.93E-01	4.79E-02	2.44E+00	7.94E-01	1.41E+00	3.82E-01	3.49E-03	5.45E-04	9.15E-10	1.43E-10
4.03E+00	9.87E-01	4.74E+00	1.21E+00	1.46E+00	2.83E-01	1.65E+00	3.39E-01	2.91E-01	4.36E-02	2.61E+00	7.78E-01	1.61E+00	3.88E-01	3.13E-03	4.55E-04	8.22E-10	1.19E-10
5.47E+00	8.85E-01	4.75E+00	1.27E+00	1.49E+00	2.72E-01	1.65E+00	3.18E-01	2.83E-01	4.71E-02	3.45E+00	7.07E-01	2.13E+00	3.22E-01	3.18E-03	4.71E-04	8.35E-10	1.24E-10
5.14E+00	8.74E-01	4.71E+00	1.11E+00	1.69E+00	2.65E-01	1.63E+00	3.40E-01	3.07E-01	4.60E-02	3.15E+00	6.95E-01	1.95E+00	3.44E-01	3.07E-03	4.67E-04	8.06E-10	1.22E-10
3.41E+00	6.38E-01	5.45E+00	9.13E-01	1.99E+00	2.27E-01	2.04E+00	3.02E-01	3.75E-01	4.58E-02	2.08E+00	4.52E-01	1.26E+00	2.22E-01	3.97E-03	4.60E-04	1.04E-09	1.21E-10
2.97E+00	6.67E-01	6.25E+00	9.80E-01	2.02E+00	2.10E-01	2.24E+00	2.93E-01	4.22E-01	4.29E-02	2.06E+00	5.17E-01	9.69E-01	2.53E-01	4.50E-03	4.43E-04	1.18E-09	1.16E-10
2.94E+00	6.22E-01	6.74E+00	8.42E-01	1.84E+00	2.23E-01	2.67E+00	2.80E-01	4.53E-01	4.46E-02	1.93E+00	4.48E-01	9.47E-01	2.30E-01	5.24E-03	4.20E-04	1.38E-09	1.10E-10
3.37E+00	4.98E-01	6.54E+00	7.64E-01	1.63E+00	2.16E-01	2.79E+00	2.58E-01	4.40E-01	4.65E-02	2.23E+00	3.49E-01	1.21E+00	1.76E-01	5.64E-03	4.72E-04	1.48E-09	1.24E-10
3.35E+00	3.78E-01	5.85E+00	7.57E-01	1.68E+00	1.96E-01	2.61E+00	2.66E-01	4.16E-01	4.47E-02	2.25E+00	2.85E-01	1.20E+00	1.34E-01	5.35E-03	4.91E-04	1.40E-09	1.29E-10
4.20E+00	5.25E-01	6.98E+00	9.21E-01	2.04E+00	2.40E-01	2.90E+00	2.65E-01	5.03E-01	4.37E-02	2.64E+00	3.93E-01	1.49E+00	1.67E-01	5.74E-03	4.65E-04	1.51E-09	1.22E-10
5.06E+00	6.32E-01	7.70E+00	9.99E-01	2.25E+00	2.61E-01	3.13E+00	3.04E-01	5.50E-01	4.72E-02	3.42E+00	4.65E-01	1.80E+00	2.11E-01	6.23E-03	4.84E-04	1.63E-09	1.27E-10
5.60E+00	6.81E-01	7.83E+00	9.83E-01	2.29E+00	2.43E-01	3.10E+00	3.05E-01	5.52E-01	5.18E-02	3.71E+00	4.96E-01	2.00E+00	2.35E-01	6.19E-03	5.24E-04	1.62E-09	1.38E-10
5.21E+00	6.76E-01	7.41E+00	8.83E-01	2.17E+00	2.35E-01	2.85E+00	2.95E-01	5.13E-01	5.29E-02	3.39E+00	4.90E-01	1.87E+00	2.40E-01	5.68E-03	5.61E-04	1.49E-09	1.47E-10
4.18E+00	6.33E-01	6.63E+00	8.07E-01	1.94E+00	2.21E-01	2.46E+00	2.96E-01	4.51E-01	5.12E-02	2.77E+00	4.55E-01	1.51E+00	2.29E-01	4.90E-03	5.57E-04	1.29E-09	1.46E-10
4.72E+00	5.67E-01	5.68E+00	7.62E-01	1.66E+00	2.06E-01	2.03E+00	2.83E-01	3.77E-01	4.82E-02	3.46E+00	4.03E-01	1.85E+00	2.03E-01	4.03E-03	5.28E-04	1.06E-09	1.38E-10
3.69E+00	6.50E-01	5.30E+00	1.05E+00	2.18E+00	3.68E-01	1.66E+00	3.49E-01	3.14E-01	6.42E-02	2.57E+00	4.61E-01	1.39E+00	1.97E-01	3.18E-03	6.25E-04	8.33E-10	1.64E-10
3.54E+00	7.30E-01	5.20E+00	1.19E+00	1.91E+00	4.05E-01	1.66E+00	3.75E-01	3.17E-01	7.40E-02	2.57E+00	5.02E-01	1.25E+00	2.39E-01	3.30E-03	6.68E-04	8.66E-10	1.75E-10
3.69E+00	1.08E+00	5.18E+00	1.35E+00	2.24E+00	4.46E-01	1.75E+00	4.15E-01	3.41E-01	7.99E-02	2.73E+00	7.60E-01	1.11E+00	3.54E-01	3.43E-03	7.32E-04	8.99E-10	1.92E-10
3.81E+00	1.36E+00	5.62E+00	1.67E+00	2.38E+00	5.08E-01	1.81E+00	4.96E-01	3.38E-01	9.09E-02	2.87E+00	9.77E-01	1.18E+00	4.48E-01	3.57E-03	8.33E-04	9.35E-10	2.19E-10
4.10E+00	1.38E+00	5.49E+00	1.93E+00	2.72E+00	6.16E-01	1.80E+00	5.38E-01	3.44E-01	1.03E-01	3.03E+00	1.01E+00	1.33E+00	4.57E-01	3.45E-03	9.73E-04	9.04E-10	2.55E-10
4.10E+00	1.29E+00	6.22E+00	2.10E+00	2.62E+00	6.31E-01	1.78E+00	6.09E-01	3.74E-01	1.14E-01	3.06E+00	9.49E-01	1.53E+00	3.98E-01	3.45E-03	1.01E-03	9.05E-10	2.66E-10
4.47E+00	1.09E+00	5.53E+00	1.97E+00	2.65E+00	5.12E-01	1.91E+00	6.12E-01	3.42E-01	1.06E-01	3.23E+00	8.06E-01	1.48E+00	3.37E-01	3.63E-03	1.05E-03	9.53E-10	2.74E-10
4.27E+00	7.67E-01	5.95E+00	1.51E+00	2.35E+00	3.35E-01	1.88E+00	5.17E-01	3.35E-01	8.06E-02	3.16E+00	5.54E-01	1.30E+00	2.51E-01	3.84E-03	9.71E-04	1.01E-09	2.55E-10
3.17E+00	7.06E-01	5.09E+00	1.15E+00	1.85E+00	3.39E-01	1.94E+00	4.09E-01	3.20E-01	6.19E-02	2.30E+00	5.00E-01	1.07E+00	2.27E-01	4.14E-03	7.68E-04	1.09E-09	2.01E-10
3.35E+00	9.01E-01	5.28E+00	1.34E+00	2.11E+00	4.39E-01	1.87E+00	4.10E-01	3.38E-01	7.33E-02	2.47E+00	6.51E-01	1.16E+00	2.81E-01	4.14E-03	6.96E-04	1.08E-09	1.83E-10
3.69E+00	9.89E-01	5.66E+00	1.53E+00	2.06E+00	4.62E-01	1.85E+00	4.81E-01	3.54E-01	8.01E-02	2.73E+00	7.11E-01	1.27E+00	3.30E-01	3.77E-03	7.77E-04	9.88E-10	2.04E-10
3.23E+00	9.29E-01	5.88E+00	1.47E+00	1.81E+00	3.77E-01	1.86E+00	4.97E-01	3.50E-01	7.95E-02	2.31E+00	6.77E-01	1.11E+00	3.25E-01	3.62E-03	8.57E-04	9.49E-10	2.25E-10
3.01E+00	8.30E-01	6.09E+00	1.32E+00	2.01E+00	3.45E-01	2.18E+00	4.37E-01	4.15E-01	6.86E-02	2.14E+00	5.88E-01	9.77E-01	2.59E-01	4.03E-03	8.06E-04	1.06E-09	2.12E-10
3.90E+00	8.05E-01	6.98E+00	1.37E+00	2.04E+00	3.54E-01	2.66E+00	4.62E-01	4.72E-01	7.15E-02	3.03E+00	5.68E-01	1.32E+00	2.52E-01	5.10E-03	7.89E-04	1.34E-09	2.07E-10
3.31E+00	8.75E-01	6.94E+00	1.27E+00	2.02E+00	3.60E-01	2.79E+00	4.39E-01	4.65E-01	6.50E-02	2.37E+00	6.44E-01	1.12E+00	2.90E-01	5.50E-03	7.93E-04	1.44E-09	2.08E-10
3.76E+00	1.10E+00	5.91E+00	1.48E+00	1.81E+00	2.89E-01	2.49E+00	4.16E-01	3.91E-01	5.81E-02	2.56E+00	8.18E-01	1.46E+00	3.84E-01	4.99E-03	6.84E-04	1.31E-09	1.79E-10
3.41E+00	1.12E+00	5.16E+00	1.49E+00	1.76E+00	2.41E-01	1.88E+00	4.34E-01	2.91E-01	5.47E-02	2.41E+00	8.35E-01	1.39E+00	4.00E-01	3.77E-03	6.01E-04	9.89E-10	1.58E-10
3.71E+00	1.06E+00	4.84E+00	1.32E+00	1.47E+00	2.99E-01	1.62E+00	3.81E-01	2.93E-01	4.63E-02	2.41E+00	8.11E-01	1.48E+00	4.02E-01	3.19E-03	4.98E-04	8.36E-10	1.31E-10
5.08E+00	8.91E-01	4.79E+00	1.32E+00	1.44E+00	2.83E-01	1.65E+00	3.35E-01	2.89E-01	5.26E-02	3.22E+00	6.98E-01	1.99E+00	3.22E-01	3.36E-03	5.00E-04	8.83E-10	1.31E-10
5.02E+00	9.46E-01	4.61E+00	1.25E+00	1.63E+00	2.77E-01	1.69E+00	3.83E-01	3.03E-01	4.81E-02	3.10E+00	7.39E-01	1.92E+00	3.60E-01	3.38E-03	5.46E-04	8.87E-10	1.43E-10
3.64E+00	6.59E-01	5.47E+00	9.57E-01	1.97E+00	2.35E-01	2.06E+00	3.14E-01	3.78E-01	4.84E-02	2.20E+00	4.98E-01	1.36E+00	2.56E-01	4.01E-03	4.83E-04	1.05E-09	1.27E-10
2.97E+00	6.53E-01	6.22E+00	1.01E+00	2.08E+00	2.22E-01	2.33E+00	2.96E-01	4.22E-01	4.58E-02	1.97E+00	5.07E-01	9.85E-01	2.39E-01	4.66E-03	4.74E-04	1.22E-09	1.24E-10
3.06E+00	6.50E-01	6.90E+00	9.20E-01	1.96E+00	2.09E-01	2.67E+00	3.00E-01	4.66E-01	4.19E-02	2.00E+00	4.90E-01	9.55E-01	2.51E-01	5.17E-03	4.59E-04	1.36E-09	1.20E-10
3.16E+00	5.44E-01	6.96E+00	7.23E-01	1.71E+00	2.10E-01	2.89E+00	2.52E-01	4.69E-01	4.50E-02	2.08E+00	3.83E-01	1.13E+00	1.89E-01	5.80E-03	4.56E-04	1.52E-09	1.20E-10
3.54E+00	4.22E-01	6.48E+00	7.36E-01	1.71E+00	1.95E-01	2.82E+00	2.60E-01	4.38E-01	4.50E-02	2.36E+00	2.91E-01	1.27E+00	1.47E-01	5.76E-03	4.88E-04	1.51E-09	1.28E-10
3.35E+00	4.31E-01	6.53E+00	8.23E-01	1.86E+00	2.12E-01	2.77E+00	2.55E-01	4.72E-01	4.19E-02	2.19E+00	3.21E-01	1.17E+00	1.36E-01	5.51E-03	4.80E-04	1.44E-09	1.26E-10
4.35E+00	5.66E-01	7.49E+00	9.79E-01	2.14E+00	2.58E-01	3.13E+00	2.96E-01	5.38E-01	4.72E-02	2.82E+00	4.16E-01	1.55E+00	1.80E-01	6.25E-03	4.94E-04	1.64E-09	1.30E-10
5.03E+00	6.45E-01	7.92E+00	1.03E+00	2.28E+00	2.63E-01	3.23E+00	3.22E-01	5.64E-01	4.64E-02	3.40E+00	4.68E-01	1.80E+00	2.13E-01	6.47E-03	5.22E-04	1.70E-09	1.37E-10
5.19E+00	6.66E-01	7.84E+00	9.74E-01	2.27E+00	2.33E-01	3.11E+00	3.12E-01	5.52E-01	4.88E-02	3.45E+00	4.80E-01	1.86E+00	2.28E-01	6.22E-03	5.05E-04	1.63E-09	1.33E-10
4.68E+00	6.47E-01	7.36E+00	8.59E-01	2.15E+00	2.19E-01	2.83E+00	2.79E-01	5.10E-01	4.97E-02	3.13E+00	4.66E-01	1.67E+00	2.29E-01	5.67E-03	5.31E-04	1.48E-09	1.39E-10
4.01E+00	6.03E-01	6.61E+00	7.56E-01	1.93E+00	2.08E-01	2.47E+00	2.79E-01	4.51E-01	4.85E-02	2.75E+00	4.31E-01	1.45E+00	2.16E-01	4.94E-03	5.30E-04	1.29E-09	1.39E-10
4.78E+00	6.07E-01	4.19E+00	5.72E-01	2.28E+00	1.89E-01	9.87E-01	1.27E-01	2.49E-01	2.41E-02	3.35E+00	5.56E-01	1.72E+00	2.75E-01	1.69E-03	1.76E-04	4.43E-10	4.63E-11
4.78E+00	6.07E-01	4.19E+00	5.72E-01	2.28E+00	1.89E-01	9.87E-01	1.27E-01	2.49E-01	2.41E-02	3.35E+00	5.56E-01	1.72E+00	2.75E-01	1.69E-03	1.76E-04	4.43E-10	4.63E-11
3.46E+00	2.74E-01	4.25E+00	5.43E-01	1.34E+00	1.92E-01	1.75E+00	1.52E-01	2.73E-01	2.78E-02	2.33E+00	3.31E-01	1.26E+00	1.66E-01	4.03E-03	2.63E-04	1.06E-09	6.90E-11
3.93E+00	3.19E-01	4.39E+00	8.31E-01	1.73E+00	2.64E-01	1.67E+00	1.76E-01	2.84E-01	4.41E-02	2.63E+00	2.75E-01	1.42E+00	8.75E-02	3.27E-03	3.22E-04	8.57E-10	8.45E-11
4.16E+00	3.16E-01	4.68E+00	8.24E-01	1.74E+00	2.28E-01	1.61E+00	1.95E-01	2.69E-01	4.05E-02	2.78E+00	2.89E-01	1.51E+00	1.01E-01	3.14E-03	3.71E-04	8.22E-10	9.74E-11
4.56E+00	3.15E-01	4.44E+00	6.41E-01	1.82E+00	2.26E-01	1.37E+00	1.47E-01	2.40E-01	3.37E-02	3.05E+00	2.34E-01	1.65E+00	1.03E-01	2.62E-03	2.80E-04	6.86E-10	7.36E-11
5.07E+00	3.54E-01	3.92E+00	5.60E-01	1.77E+00	2.06E-01	1.11E+00	1.06E-01	2.06E-01	3.10E-02	3.39E+00	2.47E-01	1.83E+00	1.14E-01	2.05E-03	2.04E-04	5.35E-10	5.35E-11
5.47E+00	3.79E-01	3.56E+00	4.87E-01	1.97E+00	2.11E-01	1.02E+00	9.35E-02	2.17E-01	2.70E-02	3.66E+00	2.64E-01	1.98E+00	1.21E-01	1.87E-03	1.66E-04	4.86E-10	4.36E-11
5.75E+00	3.97E-01	3.77E+00	4.27E-01	1.97E+00	2.10E-01	1.07E+00	8.42E-02	2.16E-01	2.52E-02	3.85E+00	2.75E-01	2.08E+00	1.25E-01	1.77E-03	1.48E-04	4.60E-10	3.88E-11
5.89E+00	4.22E-01	3.83E+00	4.35E-01	2.10E+00	2.14E-01	1.10E+00	8.77E-02	2.30E-01	2.56E-02	3.94E+00	2.95E-01	2.13E+00	1.34E-01	1.83E-03	1.72E-04	4.77E-10	4.50E-11
4.36E+00	5.77E-01	6.00E+00	1.18E+00	3.36E+00	4.63E-01	1.89E+00	2.66E-01	3.86E-01	6.23E-02	3.55E+00	4.91E-01	2.00E+00	1.79E-01	3.80E-03	4.75E-04	9.98E-10	1.25E-10
1.63E+01	8.02E-01	7.17E+00	6.80E-01	1.54E+00	2.15E-01	3.18E+00	1.61E-01	2.06E-01	3.03E-02	1.04E+01	5.04E-01	6.28E+00	3.04E-01	1.25E-03	1.49E-04	3.29E-10	3.89E-11

1.2 Scenario 2 Air Quality Results

Scenario 2 Results

Receptor		As		Be		Cd		Cr		Cu		Cobalt		Pb		Mn		Hg		Ni		Se		Sn		Va		Sb		HF		VOC	
	Units as μg/m³	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr
	Recreational Max	2.46E-02	1.75E-03	2.46E-02	1.75E-03	2.58E-02	1.83E-03	2.58E-02	1.83E-03	1.05E-03	7.70E-05	2.46E-02	1.75E-03	2.94E-02	2.10E-03	2.94E-02	2.10E-03	2.46E-02	1.75E-03	2.58E-02	1.83E-03	2.48E-02	1.76E-03	2.46E-02	1.75E-03	2.47E-02	1.76E-03	2.46E-02	1.75E-03	6.78E-01	1.20E-01	1.39E+01	1.01E+00
	Commercial/Industrial Max	2.58E-02	2.69E-03	2.58E-02	2.67E-03	2.69E-02	2.88E-03	2.69E-02	2.88E-03	1.51E-03	2.00E-04	2.58E-02	2.68E-03	3.02E-02	3.49E-03	3.02E-02	3.49E-03	2.59E-02	2.69E-03	2.69E-02	2.88E-03	2.60E-02	2.71E-03	2.58E-02	2.68E-03	2.59E-02	2.70E-03	2.59E-02	2.69E-03	2.81E+00	2.77E-01	1.49E+01	1.69E+00
	Residential Max	2.37E-02	3.89E-03	2.36E-02	3.87E-03	2.52E-02	4.13E-03	2.52E-02	4.13E-03	1.60E-03	2.56E-04	2.36E-02	3.87E-03	2.99E-02	4.94E-03	2.99E-02	4.94E-03	2.37E-02	3.89E-03	2.52E-02	4.13E-03	2.39E-02	3.92E-03	2.37E-02	3.88E-03	2.38E-02	3.90E-03	2.37E-02	3.89E-03	1.19E+00	2.31E-01	1.35E+01	2.27E+00
	Grid Max	2.67E-02	4.02E-03	2.66E-02	4.00E-03	2.81E-02	4.38E-03	2.81E-02	4.38E-03	2.64E-03	4.28E-04	2.66E-02	4.00E-03	3.46E-02	5.54E-03	3.46E-02	5.54E-03	2.67E-02	4.02E-03	2.81E-02	4.38E-03	2.68E-02	4.07E-03	2.66E-02	4.02E-03	2.67E-02	4.04E-03	2.67E-02	4.03E-03	4.83E+00	4.68E-01	1.56E+01	2.33E+00
	Background - Beresfield NSW for 2015																																
	Recreational Max with Background	2.46E-02	1.75E-03	2.46E-02	1.75E-03	2.58E-02	1.83E-03	2.58E-02	1.83E-03	1.05E-03	7.70E-05	2.46E-02	1.75E-03	2.94E-02	2.10E-03	2.94E-02	2.10E-03	2.46E-02	1.75E-03	2.58E-02	1.83E-03	2.48E-02	1.76E-03	2.46E-02	1.75E-03	2.47E-02	1.76E-03	2.46E-02	1.75E-03	6.78E-01	1.20E-01	1.39E+01	1.01E+00
	Commercial/Industrial Max with Background	2.58E-02	2.69E-03	2.58E-02	2.67E-03	2.69E-02	2.88E-03	2.69E-02	2.88E-03	1.51E-03	2.00E-04	2.58E-02	2.68E-03	3.02E-02	3.49E-03	3.02E-02	3.49E-03	2.59E-02	2.69E-03	2.69E-02	2.88E-03	2.60E-02	2.71E-03	2.58E-02	2.68E-03	2.59E-02	2.70E-03	2.59E-02	2.69E-03	2.81E+00	2.77E-01	1.49E+01	1.69E+00
	Residential Max with Background	2.37E-02	3.89E-03	2.36E-02	3.87E-03	2.52E-02	4.13E-03	2.52E-02	4.13E-03	1.60E-03	2.56E-04	2.36E-02	3.87E-03	2.99E-02	4.94E-03	2.99E-02	4.94E-03	2.37E-02	3.89E-03	2.52E-02	4.13E-03	2.39E-02	3.92E-03	2.37E-02	3.88E-03	2.38E-02	3.90E-03	2.37E-02	3.89E-03	1.19E+00	2.31E-01	1.35E+01	2.27E+00
	Grid Max with Background	2.67E-02	4.02E-03	2.66E-02	4.00E-03	2.81E-02	4.38E-03	2.81E-02	4.38E-03	2.64E-03	4.28E-04	2.66E-02	4.00E-03	3.46E-02	5.54E-03	3.46E-02	5.54E-03	2.67E-02	4.02E-03	2.81E-02	4.38E-03	2.68E-02	4.07E-03	2.66E-02	4.02E-03	2.67E-02	4.04E-03	2.67E-02	4.03E-03	4.83E+00	4.68E-01	1.56E+01	2.33E+00
2602	Recreational	1.45E-02	1.05E-03	1.44E-02	1.05E-03	1.53E-02	1.14E-03	1.53E-02	1.14E-03	8.51E-04	7.70E-05	1.44E-02	1.05E-03	1.80E-02	1.40E-03	1.80E-02	1.40E-03	1.45E-02	1.05E-03	1.53E-02	1.14E-03	1.46E-02	1.06E-03	1.45E-02	1.05E-03	1.45E-02	1.06E-03	1.45E-02	1.06E-03	6.78E-01	7.24E-02	8.54E+00	6.70E-01
2603	Recreational	2.46E-02	1.75E-03	2.46E-02	1.75E-03	2.58E-02	1.83E-03	2.58E-02	1.83E-03	1.05E-03	7.68E-05	2.46E-02	1.75E-03	2.94E-02	2.10E-03	2.94E-02	2.10E-03	2.46E-02	1.75E-03	2.58E-02	1.83E-03	2.48E-02	1.76E-03	2.46E-02	1.75E-03	2.47E-02	1.76E-03	2.46E-02	1.75E-03	5.50E-01	1.20E-01	1.39E+01	1.01E+00
2604	Comercial/Industrial Workers	1.14E-02	1.21E-03	1.14E-02	1.20E-03	1.21E-02	1.29E-03	1.21E-02	1.29E-03	8.38E-04	7.61E-05	1.14E-02	1.20E-03	1.46E-02	1.54E-03	1.46E-02	1.54E-03	1.14E-02	1.21E-03	1.21E-02	1.29E-03	1.15E-02	1.22E-03	1.14E-02	1.21E-03	1.15E-02	1.21E-03	1.14E-02	1.21E-03	9.31E-01	9.32E-02	6.46E+00	7.62E-01
2605	Comercial/Industrial Workers	3.53E-03	5.23E-04	3.48E-03	5.21E-04	4.28E-03	5.44E-04	4.28E-03	5.44E-04	7.11E-04	9.52E-05	3.49E-03	5.22E-04	6.74E-03	6.81E-04	6.74E-03	6.81E-04	3.53E-03	5.23E-04	4.28E-03	5.44E-04	3.62E-03	5.25E-04	3.51E-03	5.22E-04	3.57E-03	5.24E-04	3.54E-03	5.23E-04	9.10E-01	2.44E-01	2.00E+00	3.07E-01
2606	Comercial/Industrial Workers	5.92E-03	1.95E-03	5.88E-03	1.94E-03	6.50E-03	2.09E-03	6.50E-03	2.09E-03	5.42E-04	1.34E-04	5.89E-03	1.94E-03	8.37E-03	2.55E-03	8.37E-03	2.55E-03	5.92E-03	1.95E-03	6.50E-03	2.09E-03	5.99E-03	1.97E-03	5.91E-03	1.95E-03	5.96E-03	1.96E-03	5.93E-03	1.95E-03	6.54E-01	1.59E-01	3.44E+00	1.24E+00
2607	Comercial/Industrial Workers	8.01E-03	1.56E-03	7.98E-03	1.56E-03	8.46E-03	1.61E-03	8.46E-03	1.61E-03	7.70E-04	1.01E-04	7.99E-03	1.56E-03	9.91E-03	1.76E-03	9.91E-03	1.76E-03	8.01E-03	1.56E-03	8.46E-03	1.61E-03	8.07E-03	1.56E-03	8.00E-03	1.56E-03	8.04E-03	1.56E-03	8.02E-03	1.56E-03	9.33E-01	1.74E-01	4.68E+00	8.98E-01
2608	Comercial/Industrial Workers	1.46E-02	1.78E-03	1.46E-02	1.77E-03	1.50E-02	1.98E-03	1.50E-02	1.98E-03	1.27E-03	1.90E-04	1.46E-02	1.77E-03	1.92E-02	2.64E-03	1.92E-02	2.64E-03	1.46E-02	1.78E-03	1.50E-02	1.98E-03	1.47E-02	1.81E-03	1.46E-02	1.78E-03	1.46E-02	1.79E-03	1.46E-02	1.78E-03	1.30E+00	1.74E-01	8.62E+00	1.14E+00
2609	Comercial/Industrial Workers	1.80E-02	1.41E-03	1.79E-02	1.41E-03	1.90E-02	1.47E-03	1.90E-02	1.47E-03	1.10E-03	1.02E-04	1.79E-02	1.41E-03	2.22E-02	1.67E-03	2.22E-02	1.67E-03	1.80E-02	1.41E-03	1.90E-02	1.47E-03	1.81E-02	1.42E-03	1.79E-02	1.41E-03	1.80E-02	1.42E-03	1.80E-02	1.41E-03	1.32E+00	1.35E-01	1.07E+01	9.63E-01
2610	Comercial/Industrial Workers	1.49E-02	1.79E-03	1.48E-02	1.78E-03	1.57E-02	1.86E-03	1.57E-02	1.86E-03	1.12E-03	9.76E-05	1.48E-02	1.79E-03	1.85E-02	2.11E-03	1.85E-02	2.11E-03	1.49E-02	1.79E-03	1.57E-02	1.86E-03	1.50E-02	1.80E-03	1.49E-02	1.79E-03	1.49E-02	1.79E-03	1.49E-02	1.79E-03	9.57E-01	1.38E-01	8.82E+00	1.12E+00
2611	Comercial/Industrial Workers	1.73E-02	1.61E-03	1.72E-02	1.61E-03	1.76E-02	1.70E-03	1.76E-02	1.70E-03	7.23E-04	8.50E-05	1.72E-02	1.61E-03	1.86E-02	1.97E-03	1.86E-02	1.97E-03	1.73E-02	1.61E-03	1.76E-02	1.70E-03	1.73E-02	1.62E-03	1.73E-02	1.61E-03	1.73E-02	1.62E-03	1.73E-02	1.61E-03	7.54E-01	1.54E-01	1.00E+01	1.01E+00
2612	Comercial/Industrial Workers	2.40E-02	1.15E-03	2.40E-02	1.15E-03	2.51E-02	1.20E-03	2.51E-02	1.20E-03	9.99E-04	1.04E-04	2.40E-02	1.15E-03	2.85E-02	1.36E-03	2.85E-02	1.36E-03	2.40E-02	1.15E-03	2.51E-02	1.20E-03	2.42E-02	1.16E-03	2.40E-02	1.15E-03	2.41E-02	1.16E-03	2.40E-02	1.15E-03	9.67E-01	2.27E-01	1.33E+01	8.04E-01
2613	Comercial/Industrial Workers	1.81E-02	2.69E-03	1.80E-02	2.67E-03	1.94E-02	2.88E-03	1.94E-02	2.88E-03	1.27E-03	1.78E-04	1.80E-02	2.68E-03	2.38E-02	3.49E-03	2.38E-02	3.49E-03	1.81E-02	2.69E-03	1.94E-02	2.88E-03	1.82E-02	2.71E-03	1.80E-02	2.68E-03	1.82E-02	2.70E-03	1.81E-02	2.69E-03	8.58E-01	1.45E-01	9.84E+00	1.69E+00
2614	Comercial/Industrial Workers	1.22E-02	1.96E-03	1.21E-02	1.95E-03	1.29E-02	2.12E-03	1.29E-02	2.12E-03	9.78E-04	1.48E-04	1.21E-02	1.95E-03	1.54E-02	2.63E-03	1.54E-02	2.63E-03	1.22E-02	1.96E-03	1.29E-02	2.12E-03	1.23E-02	1.98E-03	1.22E-02	1.95E-03	1.22E-02	1.97E-03	1.22E-02	1.96E-03	1.16E+00	1.21E-01	7.75E+00	1.26E+00
2615	Comercial/Industrial Workers	1.24E-02	1.80E-03	1.23E-02	1.79E-03	1.39E-02	1.93E-03	1.39E-02	1.93E-03	1.40E-03	1.22E-04	1.23E-02	1.79E-03	1.87E-02	2.35E-03	1.87E-02	2.35E-03	1.24E-02	1.80E-03	1.39E-02	1.93E-03	1.26E-02	1.82E-03	1.24E-02	1.80E-03	1.25E-02	1.81E-03	1.24E-02	1.80E-03	1.03E+00	1.25E-01	9.59E+00	1.17E+00
2616	Comercial/Industrial Workers	7.81E-03	1.40E-03	7.77E-03	1.40E-03	9.24E-03	1.52E-03	9.24E-03	1.52E-03	1.51E-03	1.07E-04	7.78E-03	1.40E-03	1.44E-02	1.89E-03	1.44E-02	1.89E-03	7.81E-03	1.40E-03	9.24E-03	1.52E-03	7.87E-03	1.42E-03	7.80E-03	1.40E-03	7.84E-03	1.41E-03	7.81E-03	1.40E-03	1.11E+00	1.10E-01	6.73E+00	9.19E-01
2617	Comercial/Industrial Workers	6.57E-03	1.18E-03	6.53E-03	1.17E-03	7.04E-03	1.27E-03	7.04E-03	1.27E-03	1.24E-03	9.23E-05	6.54E-03	1.17E-03	1.12E-02	1.59E-03	1.12E-02	1.59E-03	6.57E-03	1.18E-03	7.04E-03	1.27E-03	6.62E-03	1.19E-03	6.56E-03	1.17E-03	6.59E-03	1.18E-03	6.57E-03	1.18E-03	1.09E+00	9.81E-02	5.55E+00	7.75E-01
2618	Comercial/Industrial Workers	5.63E-03	1.47E-03	5.63E-03	1.46E-03	5.73E-03	1.57E-03	5.73E-03	1.57E-03	4.90E-04	9.64E-05	5.63E-03	1.46E-03	7.07E-03	1.90E-03	7.07E-03	1.90E-03	5.63E-03	1.47E-03	5.73E-03	1.57E-03	5.64E-03	1.48E-03	5.63E-03	1.47E-03	5.63E-03	1.47E-03	5.63E-03	1.47E-03	1.04E+00	9.14E-02	3.13E+00	9.15E-01
2619	Comercial/Industrial Workers	7.13E-03	1.87E-03	7.13E-03	1.87E-03	7.14E-03	2.00E-03	7.14E-03	2.00E-03	4.73E-04	1.37E-04	7.13E-03	1.87E-03	8.48E-03	2.41E-03	8.48E-03	2.41E-03	7.13E-03	1.87E-03	7.14E-03	2.00E-03	7.13E-03	1.89E-03	7.13E-03	1.87E-03	7.13E-03	1.88E-03	7.13E-03	1.88E-03	1.09E+00	1.00E-01	3.84E+00	1.17E+00
2620	Comercial/Industrial Workers	5.57E-03	1.99E-03	5.53E-03	1.98E-03	6.09E-03	2.15E-03	6.09E-03	2.15E-03	5.20E-04	1.65E-04	5.54E-03	1.99E-03	7.89E-03	2.64E-03	7.89E-03	2.64E-03	5.57E-03	2.00E-03	6.09E-03	2.15E-03	5.63E-03	2.01E-03	5.55E-03	1.99E-03	5.60E-03	2.00E-03	5.57E-03	2.00E-03	8.85E-01	1.22E-01	3.23E+00	1.19E+00
2621	Comercial/Industrial Workers	5.83E-03	1.91E-03	5.79E-03	1.90E-03	6.31E-03	2.07E-03	6.31E-03	2.07E-03	5.03E-04	1.54E-04	5.80E-03	1.90E-03	7.87E-03	2.61E-03	7.87E-03	2.61E-03	5.83E-03	1.91E-03	6.31E-03	2.07E-03	5.89E-03	1.93E-03	5.82E-03	1.91E-03	5.86E-03	1.92E-03	5.83E-03	1.91E-03	6.02E-01	1.54E-01	3.47E+00	1.13E+00
2622	Comercial/Industrial Workers	6.20E-03	1.60E-03	6.17E-03	1.59E-03	6.71E-03	1.71E-03	6.71E-03	1.71E-03	4.78E-04	1.31E-04	6.17E-03	1.59E-03	8.36E-03	2.17E-03	8.36E-03	2.17E-03	6.20E-03	1.60E-03	6.71E-03	1.71E-03	6.26E-03	1.61E-03	6.19E-03	1.60E-03	6.23E-03	1.61E-03	6.21E-03	1.60E-03	7.38E-01	1.58E-01	3.59E+00	1.05E+00
2623	Comercial/Industrial Workers	5.98E-03	2.20E-03	5.92E-03	2.19E-03	6.79E-03	2.41E-03	6.79E-03	2.41E-03	7.68E-04	2.00E-04	5.93E-03	2.19E-03	9.44E-03	3.10E-03	9.44E-03	3.10E-03	5.98E-03	2.20E-03	6.79E-03	2.41E-03	6.08E-03	2.23E-03	5.96E-03	2.20E-03	6.03E-03	2.21E-03	5.99E-03	2.20E-03	7.20E-01	2.00E-01	3.61E+00	1.28E+00
2624	Comercial/Industrial Workers	8.61E-03	1.38E-03	8.56E-03	1.38E-03	9.30E-03	1.52E-03	9.30E-03	1.52E-03	6.54E-04	1.63E-04	8.57E-03	1.38E-03	1.16E-02	2.08E-03	1.16E-02	2.08E-03	8.61E-03	1.38E-03	9.30E-03	1.52E-03	8.69E-03	1.39E-03	8.59E-03	1.38E-03	8.65E-03	1.39E-03	8.61E-03	1.38E-03	8.45E-01	2.77E-01	4.70E+00	8.96E-01
2625	Comercial/Industrial Workers	6.58E-03	1.44E-03	6.54E-03	1.43E-03	7.07E-03	1.57E-03	7.07E-03	1.57E-03	5.14E-04	1.29E-04	6.55E-03	1.43E-03	8.66E-03	1.99E-03	8.66E-03	1.99E-03	6.58E-03	1.44E-03	7.07E-03	1.57E-03	6.64E-03	1.46E-03	6.56E-03	1.44E-03	6.60E-03	1.45E-03	6.58E-03	1.44E-03	6.65E-01	2.59E-01	4.07E+00	9.24E-01
2626	Comercial/Industrial Workers	1.19E-02	1.12E-03	1.19E-02	1.12E-03	1.28E-02	1.20E-03	1.28E-02	1.20E-03	8.30E-04	8.72E-05	1.19E-02	1.12E-03	1.57E-02	1.44E-03	1.57E-02	1.44E-03	1.19E-02	1.12E-03	1.28E-02	1.20E-03	1.20E-02	1.13E-03	1.19E-02	1.12E-03	1.20E-02	1.13E-03	1.19E-02	1.12E-03	9.57E-01	1.10E-01	7.95E+00	7.31E-01
2627	Comercial/Industrial Workers	1.90E-02	1.51E-03	1.89E-02	1.50E-03	2.03E-02	1.62E-03	2.03E-02	1.62E-03	1.27E-03	1.02E-04	1.89E-02	1.51E-03	2.47E-02	1.97E-03	2.47E-02	1.97E-03	1.90E-02	1.51E-03	2.03E-02	1.62E-03	1.91E-02	1.53E-03	1.89E-02	1.51E-03	1.90E-02	1.52E-03	1.90E-02	1.51E-03	7.07E-01	9.74E-02	1.11E+01	9.69E-01
2628	Comercial/Industrial Workers	2.20E-02	1.53E-03	2.19E-02	1.53E-03	2.32E-02	1.63E-03	2.32E-02	1.63E-03	1.14E-03	9.10E-05	2.20E-02	1.53E-03	2.72E-02	1.94E-03	2.72E-02	1.94E-03	2.20E-02	1.53E-03	2.32E-02	1.63E-03	2.22E-02	1.54E-03	2.20E-02	1.53E-03	2.21E-02	1.54E-03	2.20E-02	1.53E-03	7.30E-01	1.03E-01	1.29E+01	9.65E-01
2629	Comercial/Industrial Workers	2.19E-02	1.57E-03	2.18E-02	1.56E-03	2.29E-02	1.66E-03	2.29E-02	1.66E-03	9.37E-04	8.61E-05	2.18E-02	1.56E-03	2.61E-02	1.96E-03	2.61E-02	1.96E-03	2.19E-02	1.57E-03	2.29E-02	1.66E-03	2.20E-02	1.58E-03	2.19E-02	1.57E-03	2.20E-02	1.57E-03	2.19E-02	1.57E-03	9.54E-01	1.07E-01	1.28E+01	9.83E-01
2630	Comercial/Industrial Workers	1.89E-02	1.77E-03	1.88E-02	1.76E-03	2.05E-02	1.92E-03	2.05E-02	1.92E-03	1.47E-03	1.43E-04	1.88E-02	1.76E-03	2.55E-02	2.41E-03	2.55E-02	2.41E-03	1.89E-02	1.77E-03	2.05E-02	1.92E-03	1.91E-02	1.78E-03	1.89E-02	1.76E-03	1.90E-02	1.77E-03	1.89E-02	1.77E-03	7.23E-01	1.29E-01	1.11E+01	1.16E+00
2631	Comercial/Industrial Workers	2.41E-02	2.18E-03	2.40E-02	2.16E-03	2.54E-02	2.35E-03	2.54E-02	2.35E-03	1.26E-03	1.64E-04	2.40E-02	2.17E-03	2.98E-02	2.91E-03	2.98E-02	2.91E-03	2.41E-02	2.18E-03	2.54E-02	2.35E-03	2.43E-02	2.20E-03	2.41E-02	2.17E-03	2.42E-02	2.19E-03	2.41E-02	2.18E-03	1.62E+00	1.49E-01	1.41E+01	1.41E+00
2632	Comercial/Industrial Workers	2.58E-02	2.00E-03	2.58E-02	1.99E-03	2.69E-02	2.12E-03	2.69E-02	2.12E-03	9.62E-04	1.12E-04	2.58E-02	1.99E-03	3.02E-02	2.50E-03	3.02E-02	2.50E-03	2.59E-02	2.00E-03	2.69E-02	2.12E-03	2.60E-02	2.01E-03	2.58E-02	1.99E-03	2.59E-02	2.00E-03	2.59E-02	2.00E-03	1.64E+00	1.20E-01	1.49E+01	1.28E+00
2633	Comercial/Industrial Workers	2.28E-02	1.80E-03	2.27E-02	1.79E-03	2.36E-02	1.90E-03	2.36E-02	1.90E-03	9.46E-04	9.35E-05	2.27E-02	1.79E-03	2.64E-02	2.22E-03	2.64E-02	2.22E-03	2.28E-02	1.80E-03	2.36E-02	1.90E-03	2.29E-02	1.81E-03	2.27E-02	1.80E-03	2.28E-02	1.80E-03	2.28E-02	1.80E-03	1.40E+00	1.13E-01	1.32E+01	1.13E+00
2634	Comercial/Industrial Workers	2.03E-02	1.68E-03	2.03E-02	1.68E-03	2.10E-02	1.77E-03	2.10E-02	1.77E-03	9.86E-04	8.48E-05	2.03E-02	1.68E-03	2.33E-02	2.07E-03	2.33E-02	2.07E-03	2.03E-02	1.68E-03	2.10E-02	1.77E-03	2.04E-02	1.69E-03	2.03E-02	1.68E-03	2.04E-02	1.69E-03	2.03E-02	1.68E-03	1.36E+00	1.16E-01	1.18E+01	1.06E+00
2635	Comercial/Industrial Workers	1.96E-02	1.62E-03	1.96E-02	1.62E-03	2.03E-02	1.71E-03	2.03E-02	1.71E-03	9.75E-04	8.19E-05	1.96E-02	1.62E-03	2.25E-02	1.99E-03	2.25E-02	1.99E-03	1.96E-02	1.62E-03	2.03E-02	1.71E-03	1.97E-02	1.63E-03	1.96E-02	1.62E-03	1.97E-02	1.63E-03	1.96E-02	1.62E-03	1.30E+00	1.16E-01	1.14E+01	1.02E+00
2636	Comercial/Industrial Workers	2.25E-02	1.61E-03	2.24E-02	1.61E-03	2.35E-02	1.71E-03	2.35E-02	1.71E-03	9.57E-04	8.90E-05	2.24E-02	1.61E-03	2.68E-02	2.01E-03	2.68E-02	2.01E-03	2.25E-02	1.61E-03	2.35E-02	1.71E-03	2.26E-02	1.62E-03	2.24E-02	1.61E-03	2.25E-02	1.62E-03	2.25E-02	1.61E-03	1.00E+00	1.07E-01	1.31E+01	1.01E+00
2637	Comercial/Industrial Workers	2.28E-02	2.38E-03	2.27E-02	2.37E-03	2.35E-02	2.52E-03	2.35E-02	2.52E-03	1.01E-03	1.38E-04	2.27E-02	2.37E-03	2.57E-02	3.00E-03	2.57E-02	3.00E-03	2.28E-02	2.38E-03	2.35E-02	2.52E-03	2.29E-02	2.40E-03	2.28E-02	2.38E-03	2.28E-02	2.39E-03	2.28E-02	2.38E-03	2.81E+00	1.77E-01	1.30E+01	1.53E+00
2638	Comercial/Industrial Workers	1.58E-02	1.86E-03	1.58E-02	1.86E-03	1.61E-02	1.95E-03	1.61E-02	1.95E-03	1.08E-03	8.80E-05	1.58E-02	1.86E-03	1.72E-02	2.21E-03	1.72E-02	2.21E-03	1.58E-02	1.86E-03	1.61E-02	1.95E-03	1.59E-02	1.87E-03	1.58E-02	1.86E-03	1.59E-02	1.87E-03	1.58E-02	1.86E-03	2.26E+00	1.56E-01	8.91E+00	1.18E+00
2639	Comercial/Industrial Workers	2.00E-02	1.85E-03	1.99E-02	1.85E-03	2.05E-02	1.95E-03	2.05E-02	1.95E-03	1.06E-03	8.71E-05	1.99E-02	1.85E-03	2.22E-02	2.25E-03	2.22E-02	2.25E-03	2.00E-02	1.85E-03	2.05E-02	1.95E-03	2.00E-02	1.87E-03	2.00E-02	1.85E-03	2.00E-02	1.86E-03	2.00E-02	1.85E-03	1.95E+00	1.41E-01	1.14E+01	1.19E+00
2640	Comercial/Industrial Workers	1.39E-02	1.49E-03	1.39E-02	1.49E-03	1.45E-02	1.56E-03	1.45E-02	1.56E-03	9.85E-04	7.46E-05	1.39E-02	1.49E-03	1.79E-02	1.77E-03	1.79E-02	1.77E-03	1.39E-02	1.49E-03	1.45E-02	1.56E-03	1.39E-02	1.50E-03	1.39E-02	1.49E-03	1.39E-02	1.50E-03	1.39E-02	1.49E-03	1.50E+00	1.27E-01	8.21E+00	9.25E-01
2641	Comercial/Industrial Workers	1.46E-02	1.40E-03	1.45E-02	1.39E-03	1.56E-02	1.47E-03	1.56E-02	1.47E-03	9.35E-04	6.77E-05	1.45E-02	1.39E-03	1.88E-02	1.70E-03	1.88E-02	1.70E-03	1.46E-02	1.40E-03	1.56E-02	1.47E-03	1.47E-02	1.40E-03	1.46E-02	1.39E-03	1.47E-02	1.40E-03	1.46E-02	1.40E-03	1.29E+00	1.23E-01	8.76E+00	8.29E-01
2642	Comercial/Industrial Workers	1.51E-02	1.37E-03	1.50E-02	1.37E-03	1.60E-02	1.44E-03	1.60E-02	1.44E-03	8.92E-04	6.56E-05	1.50E-02	1.37E-03	1.91E-02	1.67E-03	1.91E-02	1.67E-03	1.51E-02	1.37E-03	1.60E-02	1.44E-03	1.52E-02	1.38E-03	1.51E-02	1.37E-03	1.51E-02	1.38E-03	1.51E-02	1.37E-03	1.21E+00	1.21E-01	9.01E+00	8.14E-01
2643	Comercial/Industrial Workers	1.67E-02	1.26E-03	1.66E-02	1.26E-03	1.79E-02	1.32E-03	1.79E-02	1.32E-03	1.09E-03	1.02E-04	1.66E-02	1.26E-03	2.16E-02	1.58E-03	2.16E-02	1.58E-03	1.67E-02	1.26E-03	1.79E-02	1.32E-03	1.68E-02	1.27E-03	1.67E-02	1.26E-03	1.68E-02	1.26E-03	1.67E-02	1.26E-03	1.03E+00	9.81E-02	1.01E+01	7.80E-01
2644	Comercial/Industrial Workers	1.55E-02	1.31E-03	1.55E-02	1.31E-03	1.61E-02	1.37E-03	1.61E-02	1.37E-03	9.33E-04	7.55E-05	1.55E-02	1.31E-03	1.85E-02	1.56E-03	1.85E-02	1.56E-03	1.55E-02	1.31E-03	1.61E-02	1.37E-03	1.56E-02	1.32E-03	1.55E-02	1.31E-03	1.55E-02	1.32E-03	1.55E-02	1.31E-03	1.05E+00	9.49E-02	8.92E+00	7.87E-01
2645	Comercial/Industrial Workers	1.95E-02	1.25E-03	1.94E-02	1.25E-03	2.06E-02	1.34E-03	2.06E-02	1.34E-03	1.12E-03	1.14E-04	1.94E-02	1.25E-03	2.42E-02	1.70E-03	2.42E-02	1.70E-03	1.95E-02	1.25E-03	2.06E-02	1.34E-03	1.96E-02	1.26E-03	1.95E-02	1.25E-03	1.96E-02	1.26E-03	1.95E-02	1.26E-03	7.96E-01	1.15E-01	1.15E+01	8.64E-01
2646	Comercial/Industrial Workers	2.28E-02	2.07E-03	2.28E-02	2.06E-03	2.40E-02	2.20E-03	2.40E-02	2.20E-03	1.12E-03	1.19E-04	2.28E-02	2.07E-03	2.76E-02	2.61E-03	2.76E-02	2.61E-03	2.28E-02	2.07E-03	2.40E-02	2.20E-03	2.30E-02	2.09E-03	2.28E-02	2.07E-03	2.29E-02	2.08E-03	2.29E-02	2.07E-03	1.23E+00	1.25E-01	1.33E+01	1.30E+00
2647	Comercial/Industrial Workers	2.08E-02	2.04E-03	2.08E-02	2.03E-03	2.19E-02	2.15E-03	2.19E-02	2.15E-03	1.02E-03	1.04E-04	2.08E-02	2.03E-03	2.54E-02	2.51E-03	2.54E-02	2.51E-03	2.08E-02	2.04E-03	2.19E-02	2.15E-03	2.10E-02	2.05E-03	2.08E-02	2.03E-03	2.09E-02	2.04E-03	2.09E-02	2.04E-03	8.15E-01	9.11E-02	1.20E+01	1.24E+00
2648	School Tafe	1.83E-02	3.89E-03	1.82E-02	3.87E-03	1.99E-02	4.13E-03	1.99E-02	4.13E-03	1.51E-03	2.56E-04	1.82E-02	3.87E-03	2.51E-02	4.94E-03	2.51E-02	4.94E-03	1.83E-02	3.89E-03	1.99E-02	4.13E-03	1.85E-02	3.92E-03	1.82E-02	3.88E-03	1.84E-02	3.90E-03	1.83E-02	3.89E-03	7.59E-01	2.28E-01	1.11E+01	2.27E+00
2649	Residential	1.75E-02	1.98E-03	1.74E-02	1.98E-03	1.82E-02	2.10E-03	1.82E-02	2.10E-03	7.81E-04	1.99E-04	1.74E-02	1.98E-03	2.05E-02	2.79E-03	2.05E-02	2.79E-03	1.75E-02	1.99E-03	1.82E-02	2.10E-03	1.75E-02	2.00E-03	1.74E-02	1.98E-03	1.75E-02	1.99E-03	1.75E-02	1.99E-03	6.70E-01	2.24E-01	9.68E+00	1.30E+00
2650	Residential	1.81E-02	2.88E-03	1.80E-02	2.87E-03	1.94E-02	3.10E-03	1.94E-02	3.10E-03	1.24E-03	2.05E-04	1.80E-02	2.87E-03	2.37E-02	3.81E-03	2.37E-02	3.81E-03	1.81E-02	2.88E-03	1.94E-02	3.10E-03	1.83E-02	2.91E-03	1.81E-02	2.88E-03	1.82E-02	2.89E-03	1.81E-02	2.88E-03	8.11E-01	2.31E-01	1.09E+01	1.72E+00
2651	Residential	1.84E-02	2.45E-03	1.84E-02	2.44E-03	1.90E-02	2.65E-03	1.90E-02	2.65E-03	1.30E-03	2.06E-04	1.84E-02	2.44E-03	2.29E-02	3.31E-03	2.29E-02	3.31E-03	1.84E-02	2.45E-03	1.90E-02	2.65E-03	1.85E-02	2.47E-03	1.84E-02	2.44E-03	1.85E-02	2.46E-03	1.84E-02	2.45E-03	8.03E-01	1.82E-01	1.06E+01	1.50E+00
2652	Residential	1.40E-02	2.37E-03	1.40E-02	2.37E-03	1.47E-02	2.49E-03	1.47E-02	2.49E-03	1.03E-03	1.67E-04	1.40E-02	2.37E-03	1.70E-02	2.89E-03	1.70E-02	2.89E-03	1.40E-02	2.37E-03	1.47E-02	2.49E-03	1.41E-02	2.39E-03	1.40E-02	2.37E-03	1.40E-02	2.38E-03	1.40E-02	2.37E-03	6.54E-01	1.68E-01	8.07E+00	1.43E+00
2653	Residential	1.26E-02	2.22E-03	1.26E-02	2.21E-03	1.32E-02	2.39E-03	1.32E-02	2.39E-03	8.76E-04	1.58E-04	1.26E-02	2.21E-03	1.55E-02	2.94E-03	1.55E-02	2.94E-03	1.26E-02	2.22E-03	1.32E-02	2.39E-03	1.26E-02	2.24E-03	1.26E-02	2.22E-03	1.26E-02	2.23E-03	1.26E-02	2.23E-03	6.11E-01	1.48E-01	7.31E+00	1.41E+00
2654	Residential	1.53E-02	1.51E-03	1.53E-02	1.51E-03	1.59E-02	1.56E-03	1.59E-02	1.56E-03	8.00E-04	1.28E-04	1.53E-02	1.51E-03	1.84E-02	1.76E-03	1.84E-02	1.76E-03	1.53E-02	1.51E-03	1.59E-02	1.56E-03	1.54E-02	1.52E-03	1.53E-02	1.51E-03	1.54E-02	1.51E-03	1.53E-02	1.51E-03	5.84E-01	1.16E-01	8.68E+00	8.75E-01
2655	Residential	1.82E-02	1.91E-03	1.81E-02	1.90E-03	1.91E-02	2.00E-03	1.91E-02	2.00E-03	9.24E-04	8.16E-05	1.81E-02	1.90E-03	2.23E-02	2.28E-03	2.23E-02	2.28E-03	1.82E-02	1.91E-03	1.91E-02	2.00E-03	1.83E-02	1.92E-03	1.81E-02	1.91E-03	1.82E-02	1.91E-03	1.82E-02	1.91E-03	6.13E-01	7.50E-02	1.04E+01	1.12E+00
2656	Residential	1.90E-02	1.47E-03	1.90E-02	1.46E-03	2.00E-02	1.59E-03	2.00E-02	1.59E-03	1.04E-03	1.14E-04	1.90E-02	1.46E-03	2.33E-02	1.98E-03	2.33E-02	1.98E-03	1.90E-02	1.47E-03	2.00E-02	1.59E-03	1.91E-02	1.48E-03	1.90E-02	1.47E-03	1.91E-02	1.48E-03	1.90E-02	1.47E-03	6.40E-01	1.11E-01	1.11E+01	9.68E-01
2657	Residential	1.65E-02	1.11E-03	1.64E-02	1.10E-03	1.74E-02	1.20E-03	1.74E-02	1.20E-03	9.52E-04	8.85E-05	1.64E-02	1.10E-03	2.05E-02	1.51E-03	2.05E-02	1.51E-03	1.65E-02	1.11E-03	1.74E-02	1.20E-03	1.66E-02	1.12E-03	1.64E-02	1.11E-03	1.65E-02	1.12E-03	1.65E-02	1.11E-03	6.42E-01	8.67E-02	9.74E+00	7.22E-01
2658	Residential	1.46E-02	1.21E-03	1.45E-02	1.20E-03	1.51E-02	1.26E-03	1.51E-02	1.26E-03	7.31E-04	7.21E-05	1.45E-02	1.20E-03	1.68E-02	1.44E-03	1.68E-02	1.44E-03	1.46E-02	1.21E-03	1.51E-02	1.26E-03	1.46E-02	1.21E-03	1.45E-02	1.21E-03	1.46E-02	1.21E-03	1.46E-02	1.21E-03	7.16E-01	9.04E-02	8.35E+00	7.11E-01
2659	Residential	1.54E-02	1.29E-03	1.53E-02	1.28E-03	1.62E-02	1.35E-03	1.62E-02	1.35E-03	7.58E-04	6.53E-05	1.53E-02	1.28E-03	1.88E-02	1.56E-03	1.88E-02	1.56E-03	1.54E-02	1.29E-03	1.62E-02	1.35E-03	1.55E-02	1.29E-03	1.54E-02	1.29E-03	1.54E-02	1.29E-03	1.54E-02	1.29E-03	9.94E-01	1.15E-01	9.07E+00	7.60E-01
2660	Residential	1.34E-02	1.27E-03	1.33E-02	1.27E-03	1.43E-02	1.34E-03	1.43E-02	1.34E-03	8.63E-04	6.65E-05	1.34E-02	1.27E-03	1.73E-02	1.56E-03	1.73E-02	1.56E-03	1.34E-02	1.27E-03	1.43E-02	1.34E-03	1.35E-02	1.28E-03	1.34E-02	1.27E-03	1.35E-02	1.28E-03	1.34E-02	1.28E-03	1.03E+00	1.22E-01	8.04E+00	7.72E-01
2661	Residential	1.63E-02	1.33E-03	1.63E-02	1.33E-03	1.69E-02	1.41E-03	1.69E-02	1.41E-03	8.60E-04	6.94E-05	1.63E-02	1.33E-03	1.89E-02	1.64E-03	1.89E-02	1.64E-03	1.63E-02	1.33E-03	1.69E-02	1.41E-03	1.64E-02	1.34E-03	1.63E-02	1.33E-03	1.64E-02	1.34E-03	1.63E-02	1.33E-03	9.53E-01	1.12E-01	9.47E+00	8.41E-01
2662	Residential	2.01E-02	1.42E-03	2.00E-02	1.41E-03	2.10E-02	1.50E-03	2.10E-02	1.50E-03	8.97E-04	7.76E-05	2.00E-02	1.41E-03	2.41E-02	1.77E-03	2.41E-02	1.77E-03	2.01E-02	1.42E-03	2.10E-02	1.50E-03	2.02E-02	1.43E-03	2.00E-02	1.42E-03	2.01E-02	1.42E-03	2.01E-02	1.42E-03	7.68E-01	1.07E-01	1.17E+01	8.85E-01
2663	Residential	2.23E-02	1.37E-03	2.23E-02	1.37E-03	2.23E-02	1.46E-03	2.23E-02	1.46E-03	1.07E-03	8.36E-05	2.23E-02	1.37E-03	2.46E-02	1.75E-03	2.46E-02	1.75E-03	2.23E-02	1.37E-03	2.23E-02	1.46E-03	2.23E-02	1.38E-03	2.23E-02	1.37E-03	2.23E-02	1.38E-03	2.23E-02	1.37E-03	5.77E-01	9.72E-02	1.19E+01	8.61E-01
2664	Residential	1.86E-02	1.33E-03	1.86E-02	1.33E-03	1.93E-02	1.42E-03	1.93E-02	1.42E-03	1.09E-03	8.35E-05	1.86E-02	1.33E-03	2.31E-02	1.71E-03	2.31E-02	1.71E-03	1.86E-02	1.33E-03	1.93E-02	1.42E-03	1.86E-02	1.34E-03	1.86E-02	1.33E-03	1.86E-02	1.34E-03	1.86E-02	1.33E-03	6.45E-01	8.53E-02	1.06E+01	8.41E-01
2665	Residential	1.59E-02	1.27E-03	1.58E-02	1.26E-03	1.70E-02	1.35E-03	1.70E-02	1.35E-03	1.02E-03	8.05E-05	1.58E-02	1.26E-03	2.05E-02	1.63E-03	2.05E-02	1.63E-03	1.59E-02	1.27E-03	1.70E-02	1.35E-03	1.60E-02	1.28E-03	1.59E-02	1.26E-03	1.59E-02	1.27E-03	1.59E-02	1.27E-03	6.58E-01	9.08E-02	9.30E+00	8.05E-01
2666	Residential	1.28E-02	1.35E-03	1.28E-02	1.35E-03	1.37E-02	1.40E-03	1.37E-02	1.40E-03	8.97E-04	7.71E-05	1.28E-02	1.35E-03	1.68E-02	1.57E-03	1.68E-02	1.57E-03	1.28E-02	1.35E-03	1.37E-02	1.40E-03	1.29E-02	1.36E-03	1.28E-02	1.35E-03	1.28E-02	1.35E-03	1.28E-02	1.35E-03	6.04E-01	9.00E-02	8.27E+00	8.01E-01
2667	Residential	1.26E-02	1.44E-03	1.25E-02	1.43E-03	1.34E-02	1.50E-03	1.34E-02	1.50E-03	7.95E-04	7.05E-05	1.25E-02	1.43E-03	1.62E-02	1.71E-03	1.62E-02	1.71E-03	1.26E-02	1.44E-03	1.34E-02	1.50E-03	1.27E-02	1.44E-03	1.26E-02	1.43E-03	1.26E-02	1.44E-03	1.26E-02	1.44E-03	7.29E-01	7.85E-02	8.32E+00	8.67E-01
2668	Residential	8.84E-03	1.31E-03	8.81E-03	1.31E-03	9.32E-03	1.38E-03	9.32E-03	1.38E-03	7.38E-04	8.06E-05	8.81E-03	1.31E-03	1.09E-02	1.64E-03	1.09E-02	1.64E-03	8.84E-03	1.31E-03	9.32E-03	1.38E-03	8.90E-03	1.32E-03	8.83E-03	1.31E-03	8.87E-03	1.31E-03	8.84E-03	1.31E-03	6.57E-01	6.10E-02	5.45E+00	8.00E-01
2669	Residential	1.12E-02	1.26E-03	1.11E-02	1.25E-03	1.15E-02	1.35E-03	1.15E-02	1.35E-03	7.24E-04	9.76E-05	1.11E-02	1.25E-03	1.26E-02	1.64E-03	1.26E-02	1.64E-03	1.12E-02	1.26E-03	1.15E-02	1.35E-03	1.12E-02	1.27E-03	1.12E-02	1.26E-03	1.12E-02	1.26E-03	1.12E-02	1.26E-03	6.08E-01	6.64E-02	6.60E+00	7.29E-01
2670	Residential	9.59E-03	1.35E-03	9.57E-03	1.34E-03	9.91E-03	1.42E-03	9.91E-03	1.42E-03	7.96E-04	6.70E-05	9.57E-03	1.34E-03	1.24E-02	1.65E-03	1.24E-02	1.65E-03	9.59E-03	1.35E-03	9.91E-03	1.42E-03	9.63E-03	1.36E-03	9.59E-03	1.34E-03	9.61E-03	1.35E-03	9.60E-03	1.35E-03	5.63E-01	4.71E-02	5.95E+00	8.00E-01
2671	Residential	1.23E-02	1.40E-03	1.23E-02	1.39E-03	1.30E-02	1.45E-03	1.30E-02	1.45E-03	6.72E-04	5.79E-05	1.23E-02	1.39E-03	1.53E-02	1.63E-03	1.53E-02	1.63E-03	1.23E-02	1.40E-03	1.30E-02	1.45E-03	1.24E-02	1.40E-03	1.23E-02	1.39E-03	1.24E-02	1.40E-03	1.23E-02	1.40E-03	4.53E-01	6.47E-02	7.64E+00	8.08E-01
2672	Residential	1.25E-02	1.21E-03	1.25E-02	1.21E-03	1.32E-02	1.25E-03	1.32E-02	1.25E-03	7.85E-04	6.36E-05	1.25E-02	1.21E-03	1.59E-02	1.39E-03	1.59E-02	1.39E-03	1.25E-02	1.21E-03	1.32E-02	1.25E-03	1.25E-02	1.22E-03	1.25E-02	1.21E-03	1.25E-02	1.21E-03	1.25E-02	1.21E-03	5.18E-01	7.48E-02	7.24E+00	6.95E-01
2673	Residential	1.54E-02	1.10E-03	1.54E-02	1.09E-03	1.60E-02	1.17E-03	1.60E-02	1.17E-03	8.73E-04	6.73E-05	1.54E-02	1.09E-03	1.90E-02	1.40E-03	1.90E-02	1.40E-03	1.54E-02	1.10E-03	1.60E-02	1.17E-03	1.54E-02	1.10E-03	1.54E-02	1.09E-03	1.54E-02	1.10E-03	1.54E-02	1.10E-03	5.73E-01	7.42E-02	8.74E+00	6.86E-01
2674	Residential	1.92E-02	1.14E-03	1.92E-02	1.13E-03	1.92E-02	1.21E-03	1.92E-02	1.21E-03	8.65E-04	6.97E-05	1.92E-02	1.13E-03	2.01E-02	1.45E-03	2.01E-02	1.45E-03	1.92E-02	1.14E-03	1.92E-02	1.21E-03	1.92E-02	1.15E-03	1.92E-02	1.14E-03	1.92E-02	1.14E-03	1.92E-02	1.14E-03	5.25E-01	9.06E-02	1.03E+01	7.08E-01
2675	Residential	1.62E-02	1.18E-03	1.62E-02	1.17E-03	1.71E-02	1.25E-03	1.71E-02	1.25E-03	7.78E-04	7.51E-05	1.62E-02	1.17E-03	1.97E-02	1.48E-03	1.97E-02	1.48E-03	1.62E-02	1.18E-03	1.71E-02	1.25E-03	1.63E-02	1.18E-03	1.62E-02	1.17E-03	1.63E-02	1.18E-03	1.62E-02	1.18E-03	5.94E-01	9.91E-02	9.44E+00	7.30E-01

Scenario 2 Results

2676	Residential	1.48E-02	1.21E-03	1.48E-02	1.20E-03	1.55E-02	1.28E-03	1.55E-02	1.28E-03	7.80E-04	7.54E-05	1.48E-02	1.20E-03	1.75E-02	1.49E-03	1.75E-02	1.49E-03	1.48E-02	1.21E-03	1.55E-02	1.28E-03	1.49E-02	1.22E-03	1.48E-02	1.21E-03	1.49E-02	1.21E-03	1.49E-02	1.21E-03	7.28E-01	1.03E-01	8.62E+00	7.54E-01
2677	Residential	1.29E-02	1.09E-03	1.29E-02	1.09E-03	1.37E-02	1.15E-03	1.37E-02	1.15E-03	7.60E-04	7.37E-05	1.29E-02	1.09E-03	1.64E-02	1.34E-03	1.64E-02	1.34E-03	1.29E-02	1.09E-03	1.37E-02	1.15E-03	1.30E-02	1.10E-03	1.29E-02	1.09E-03	1.30E-02	1.09E-03	1.29E-02	1.09E-03	7.37E-01	1.14E-01	7.63E+00	6.53E-01
2678	Residential	1.36E-02	1.10E-03	1.36E-02	1.09E-03	1.44E-02	1.15E-03	1.44E-02	1.15E-03	6.73E-04	7.14E-05	1.36E-02	1.09E-03	1.67E-02	1.33E-03	1.67E-02	1.33E-03	1.36E-02	1.10E-03	1.44E-02	1.15E-03	1.37E-02	1.10E-03	1.36E-02	1.10E-03	1.37E-02	1.10E-03	1.36E-02	1.10E-03	7.05E-01	1.11E-01	7.95E+00	6.42E-01
2679	Residential	1.32E-02	1.06E-03	1.32E-02	1.05E-03	1.40E-02	1.14E-03	1.40E-02	1.14E-03	7.85E-04	7.26E-05	1.32E-02	1.06E-03	1.63E-02	1.39E-03	1.63E-02	1.39E-03	1.32E-02	1.06E-03	1.40E-02	1.14E-03	1.33E-02	1.07E-03	1.32E-02	1.06E-03	1.33E-02	1.06E-03	1.32E-02	1.06E-03	6.72E-01	7.57E-02	7.76E+00	6.63E-01
2680	Residential	1.68E-02	1.19E-03	1.67E-02	1.19E-03	1.76E-02	1.29E-03	1.76E-02	1.29E-03	9.56E-04	8.75E-05	1.67E-02	1.19E-03	2.05E-02	1.59E-03	2.05E-02	1.59E-03	1.68E-02	1.19E-03	1.76E-02	1.29E-03	1.69E-02	1.20E-03	1.67E-02	1.19E-03	1.68E-02	1.20E-03	1.68E-02	1.19E-03	6.51E-01	8.51E-02	9.33E+00	7.74E-01
2681	Residential	1.70E-02	1.39E-03	1.69E-02	1.38E-03	1.79E-02	1.50E-03	1.79E-02	1.50E-03	9.34E-04	1.04E-04	1.69E-02	1.38E-03	2.08E-02	1.86E-03	2.08E-02	1.86E-03	1.70E-02	1.39E-03	1.79E-02	1.50E-03	1.71E-02	1.40E-03	1.70E-02	1.39E-03	1.70E-02	1.40E-03	1.70E-02	1.39E-03	5.63E-01	9.33E-02	9.91E+00	9.04E-01
2682	Residential	1.70E-02	1.69E-03	1.69E-02	1.68E-03	1.79E-02	1.79E-03	1.79E-02	1.79E-03	8.70E-04	9.99E-05	1.69E-02	1.68E-03	2.09E-02	2.14E-03	2.09E-02	2.14E-03	1.70E-02	1.69E-03	1.79E-02	1.79E-03	1.71E-02	1.70E-03	1.70E-02	1.69E-03	1.70E-02	1.69E-03	1.70E-02	1.69E-03	6.89E-01	7.72E-02	9.84E+00	1.04E+00
2683	Residential	1.55E-02	1.75E-03	1.55E-02	1.75E-03	1.63E-02	1.82E-03	1.63E-02	1.82E-03	8.58E-04	7.89E-05	1.55E-02	1.75E-03	1.93E-02	2.07E-03	1.93E-02	2.07E-03	1.55E-02	1.75E-03	1.63E-02	1.82E-03	1.56E-02	1.76E-03	1.55E-02	1.75E-03	1.56E-02	1.75E-03	1.55E-02	1.75E-03	7.43E-01	7.37E-02	8.81E+00	1.01E+00
2684	Residential	1.26E-02	1.26E-03	1.26E-02	1.26E-03	1.35E-02	1.31E-03	1.35E-02	1.31E-03	7.53E-04	1.14E-04	1.26E-02	1.26E-03	1.60E-02	1.68E-03	1.60E-02	1.68E-03	1.27E-02	1.26E-03	1.35E-02	1.31E-03	1.27E-02	1.27E-03	1.26E-02	1.26E-03	1.27E-02	1.27E-03	1.27E-02	1.26E-03	5.52E-01	1.01E-01	7.14E+00	8.03E-01
2685	Residential	1.08E-02	2.06E-03	1.08E-02	2.05E-03	1.12E-02	2.22E-03	1.12E-02	2.22E-03	7.66E-04	1.45E-04	1.08E-02	2.05E-03	1.31E-02	2.71E-03	1.31E-02	2.71E-03	1.08E-02	2.06E-03	1.12E-02	2.22E-03	1.09E-02	2.08E-03	1.08E-02	2.06E-03	1.09E-02	2.07E-03	1.09E-02	2.06E-03	5.21E-01	1.28E-01	6.08E+00	1.28E+00
2686	Residential	1.27E-02	2.30E-03	1.27E-02	2.28E-03	1.33E-02	2.49E-03	1.33E-02	2.49E-03	8.23E-04	1.77E-04	1.27E-02	2.29E-03	1.52E-02	3.10E-03	1.52E-02	3.10E-03	1.27E-02	2.30E-03	1.33E-02	2.49E-03	1.28E-02	2.32E-03	1.27E-02	2.29E-03	1.28E-02	2.31E-03	1.27E-02	2.30E-03	6.15E-01	1.49E-01	7.33E+00	1.44E+00
2687	Residential	1.73E-02	3.34E-03	1.72E-02	3.33E-03	1.87E-02	3.55E-03	1.87E-02	3.55E-03	1.39E-03	2.25E-04	1.72E-02	3.33E-03	2.35E-02	4.21E-03	2.35E-02	4.21E-03	1.73E-02	3.35E-03	1.87E-02	3.55E-03	1.74E-02	3.37E-03	1.72E-02	3.34E-03	1.73E-02	3.36E-03	1.73E-02	3.35E-03	6.85E-01	1.95E-01	1.03E+01	1.94E+00
2688	Residential	1.65E-02	2.91E-03	1.64E-02	2.90E-03	1.77E-02	3.05E-03	1.77E-02	3.05E-03	1.19E-03	1.95E-04	1.64E-02	2.90E-03	2.18E-02	3.50E-03	2.18E-02	3.50E-03	1.65E-02	2.91E-03	1.77E-02	3.05E-03	1.66E-02	2.93E-03	1.64E-02	2.91E-03	1.65E-02	2.92E-03	1.65E-02	2.91E-03	7.27E-01	1.72E-01	9.87E+00	1.62E+00
2689	Residential	1.57E-02	2.82E-03	1.56E-02	2.81E-03	1.69E-02	2.97E-03	1.69E-02	2.97E-03	1.16E-03	1.67E-04	1.56E-02	2.81E-03	2.09E-02	3.48E-03	2.09E-02	3.48E-03	1.57E-02	2.82E-03	1.69E-02	2.97E-03	1.58E-02	2.84E-03	1.56E-02	2.81E-03	1.57E-02	2.83E-03	1.57E-02	2.82E-03	6.83E-01	1.55E-01	9.38E+00	1.59E+00
2690	Residential	1.63E-02	3.11E-03	1.62E-02	3.10E-03	1.77E-02	3.30E-03	1.77E-02	3.30E-03	1.29E-03	2.14E-04	1.62E-02	3.10E-03	2.21E-02	4.01E-03	2.21E-02	4.01E-03	1.63E-02	3.11E-03	1.77E-02	3.30E-03	1.65E-02	3.14E-03	1.63E-02	3.11E-03	1.64E-02	3.12E-03	1.63E-02	3.12E-03	6.51E-01	1.85E-01	9.73E+00	1.81E+00
2691	Residential	1.50E-02	2.89E-03	1.49E-02	2.88E-03	1.64E-02	3.10E-03	1.64E-02	3.10E-03	1.29E-03	2.15E-04	1.49E-02	2.88E-03	2.08E-02	3.80E-03	2.08E-02	3.80E-03	1.50E-02	2.89E-03	1.64E-02	3.10E-03	1.52E-02	2.92E-03	1.50E-02	2.89E-03	1.51E-02	2.90E-03	1.50E-02	2.89E-03	6.01E-01	1.87E-01	9.00E+00	1.76E+00
2692	Residential	1.42E-02	3.00E-03	1.41E-02	2.99E-03	1.49E-02	3.17E-03	1.49E-02	3.17E-03	1.11E-03	1.81E-04	1.41E-02	2.99E-03	1.81E-02	3.71E-03	1.81E-02	3.71E-03	1.42E-02	3.00E-03	1.49E-02	3.17E-03	1.42E-02	3.02E-03	1.41E-02	3.00E-03	1.42E-02	3.01E-03	1.42E-02	3.00E-03	5.76E-01	1.61E-01	8.36E+00	1.72E+00
2693	Residential	1.45E-02	2.64E-03	1.44E-02	2.62E-03	1.49E-02	2.85E-03	1.49E-02	2.85E-03	8.76E-04	1.96E-04	1.44E-02	2.63E-03	1.67E-02	3.52E-03	1.67E-02	3.52E-03	1.45E-02	2.64E-03	1.49E-02	2.85E-03	1.45E-02	2.66E-03	1.45E-02	2.63E-03	1.45E-02	2.65E-03	1.45E-02	2.64E-03	5.83E-01	1.49E-01	8.11E+00	1.60E+00
2694	Residential	1.01E-02	2.26E-03	1.01E-02	2.25E-03	1.06E-02	2.40E-03	1.06E-02	2.40E-03	7.62E-04	1.58E-04	1.01E-02	2.25E-03	1.29E-02	2.85E-03	1.29E-02	2.85E-03	1.01E-02	2.26E-03	1.06E-02	2.40E-03	1.02E-02	2.28E-03	1.01E-02	2.26E-03	1.02E-02	2.27E-03	1.01E-02	2.26E-03	5.45E-01	1.32E-01	5.96E+00	1.36E+00
2695	Residential	1.07E-02	1.63E-03	1.07E-02	1.62E-03	1.13E-02	1.77E-03	1.13E-02	1.77E-03	6.36E-04	1.36E-04	1.07E-02	1.63E-03	1.32E-02	2.24E-03	1.32E-02	2.24E-03	1.07E-02	1.63E-03	1.13E-02	1.77E-03	1.08E-02	1.65E-03	1.07E-02	1.63E-03	1.07E-02	1.64E-03	1.07E-02	1.64E-03	5.48E-01	1.08E-01	5.82E+00	1.06E+00
2696	Residential	1.31E-02	1.38E-03	1.30E-02	1.38E-03	1.39E-02	1.43E-03	1.39E-02	1.43E-03	7.80E-04	1.01E-04	1.30E-02	1.38E-03	1.66E-02	1.61E-03	1.66E-02	1.61E-03	1.31E-02	1.38E-03	1.39E-02	1.43E-03	1.32E-02	1.39E-03	1.31E-02	1.38E-03	1.31E-02	1.38E-03	1.31E-02	1.38E-03	6.76E-01	8.88E-02	7.42E+00	7.91E-01
2697	Residential	1.54E-02	1.75E-03	1.53E-02	1.74E-03	1.63E-02	1.83E-03	1.63E-02	1.83E-03	8.37E-04	8.16E-05	1.53E-02	1.74E-03	1.92E-02	2.12E-03	1.92E-02	2.12E-03	1.54E-02	1.75E-03	1.63E-02	1.83E-03	1.55E-02	1.76E-03	1.54E-02	1.75E-03	1.54E-02	1.75E-03	1.54E-02	1.75E-03	6.85E-01	6.15E-02	8.83E+00	1.02E+00
2698	Residential	1.62E-02	1.61E-03	1.62E-02	1.60E-03	1.71E-02	1.72E-03	1.71E-02	1.72E-03	8.33E-04	9.93E-05	1.62E-02	1.60E-03	2.00E-02	2.06E-03	2.00E-02	2.06E-03	1.62E-02	1.61E-03	1.71E-02	1.72E-03	1.63E-02	1.62E-03	1.62E-02	1.61E-03	1.63E-02	1.62E-03	1.62E-02	1.61E-03	6.52E-01	7.49E-02	9.38E+00	9.94E-01
2699	Residential	1.67E-02	1.26E-03	1.66E-02	1.25E-03	1.74E-02	1.36E-03	1.74E-02	1.36E-03	9.18E-04	9.68E-05	1.66E-02	1.26E-03	1.97E-02	1.70E-03	1.97E-02	1.70E-03	1.67E-02	1.26E-03	1.74E-02	1.36E-03	1.67E-02	1.27E-03	1.66E-02	1.26E-03	1.67E-02	1.27E-03	1.67E-02	1.26E-03	5.22E-01	8.97E-02	9.34E+00	8.28E-01
2700	Residential	1.65E-02	1.16E-03	1.64E-02	1.15E-03	1.74E-02	1.24E-03	1.74E-02	1.24E-03	8.96E-04	7.77E-05	1.64E-02	1.16E-03	2.03E-02	1.51E-03	2.03E-02	1.51E-03	1.65E-02	1.16E-03	1.74E-02	1.24E-03	1.66E-02	1.17E-03	1.65E-02	1.16E-03	1.65E-02	1.16E-03	1.65E-02	1.16E-03	6.26E-01	7.35E-02	8.99E+00	7.32E-01
2701	Residential	1.22E-02	1.03E-03	1.21E-02	1.03E-03	1.29E-02	1.11E-03	1.29E-02	1.11E-03	7.10E-04	7.29E-05	1.22E-02	1.03E-03	1.54E-02	1.36E-03	1.54E-02	1.36E-03	1.22E-02	1.03E-03	1.29E-02	1.11E-03	1.23E-02	1.04E-03	1.22E-02	1.03E-03	1.22E-02	1.04E-03	1.22E-02	1.03E-03	6.58E-01	8.12E-02	6.94E+00	6.47E-01
2702	Residential	1.17E-02	9.83E-04	1.16E-02	9.80E-04	1.21E-02	1.03E-03	1.21E-02	1.03E-03	5.98E-04	7.42E-05	1.16E-02	9.80E-04	1.37E-02	1.28E-03	1.37E-02	1.28E-03	1.17E-02	9.83E-04	1.21E-02	1.03E-03	1.17E-02	9.89E-04	1.16E-02	9.82E-04	1.17E-02	9.86E-04	1.17E-02	9.83E-04	5.89E-01	9.44E-02	6.68E+00	6.20E-01
2703	Residential	1.29E-02	1.03E-03	1.29E-02	1.03E-03	1.36E-02	1.08E-03	1.36E-02	1.08E-03	6.07E-04	7.38E-05	1.29E-02	1.03E-03	1.57E-02	1.29E-03	1.57E-02	1.29E-03	1.29E-02	1.03E-03	1.36E-02	1.08E-03	1.30E-02	1.04E-03	1.29E-02	1.03E-03	1.30E-02	1.03E-03	1.29E-02	1.03E-03	6.93E-01	1.05E-01	7.50E+00	6.38E-01
2704	Residential	1.28E-02	1.03E-03	1.28E-02	1.03E-03	1.35E-02	1.09E-03	1.35E-02	1.09E-03	6.93E-04	7.38E-05	1.28E-02	1.03E-03	1.59E-02	1.30E-03	1.59E-02	1.30E-03	1.28E-02	1.03E-03	1.35E-02	1.09E-03	1.29E-02	1.04E-03	1.28E-02	1.03E-03	1.28E-02	1.04E-03	1.28E-02	1.03E-03	6.33E-01	1.07E-01	7.49E+00	6.55E-01
2705	Residential	1.14E-02	1.05E-03	1.13E-02	1.05E-03	1.22E-02	1.11E-03	1.22E-02	1.11E-03	7.49E-04	7.72E-05	1.13E-02	1.05E-03	1.47E-02	1.32E-03	1.47E-02	1.32E-03	1.14E-02	1.06E-03	1.22E-02	1.11E-03	1.15E-02	1.06E-03	1.14E-02	1.05E-03	1.14E-02	1.06E-03	1.14E-02	1.06E-03	6.80E-01	1.01E-01	6.75E+00	6.86E-01
2706	Residential	1.35E-02	1.10E-03	1.35E-02	1.09E-03	1.41E-02	1.16E-03	1.41E-02	1.16E-03	7.07E-04	7.62E-05	1.35E-02	1.09E-03	1.61E-02	1.36E-03	1.61E-02	1.36E-03	1.35E-02	1.10E-03	1.41E-02	1.16E-03	1.36E-02	1.10E-03	1.35E-02	1.10E-03	1.35E-02	1.10E-03	1.35E-02	1.10E-03	6.01E-01	9.42E-02	7.83E+00	6.82E-01
2707	Residential	1.45E-02	1.10E-03	1.45E-02	1.09E-03	1.52E-02	1.16E-03	1.52E-02	1.16E-03	6.81E-04	7.62E-05	1.45E-02	1.09E-03	1.76E-02	1.37E-03	1.76E-02	1.37E-03	1.45E-02	1.10E-03	1.52E-02	1.16E-03	1.46E-02	1.11E-03	1.45E-02	1.10E-03	1.46E-02	1.10E-03	1.45E-02	1.10E-03	5.47E-01	9.44E-02	8.42E+00	6.79E-01
2708	Residential	1.80E-02	1.07E-03	1.80E-02	1.06E-03	1.80E-02	1.14E-03	1.80E-02	1.14E-03	7.80E-04	7.22E-05	1.80E-02	1.06E-03	1.87E-02	1.36E-03	1.87E-02	1.36E-03	1.80E-02	1.07E-03	1.80E-02	1.14E-03	1.80E-02	1.08E-03	1.80E-02	1.07E-03	1.80E-02	1.07E-03	1.80E-02	1.07E-03	5.30E-01	8.99E-02	9.62E+00	6.61E-01
2709	Residential	1.60E-02	1.04E-03	1.60E-02	1.04E-03	1.60E-02	1.11E-03	1.60E-02	1.11E-03	8.24E-04	6.39E-05	1.60E-02	1.04E-03	1.83E-02	1.33E-03	1.83E-02	1.33E-03	1.60E-02	1.04E-03	1.60E-02	1.11E-03	1.60E-02	1.05E-03	1.60E-02	1.04E-03	1.60E-02	1.05E-03	1.60E-02	1.04E-03	5.17E-01	7.37E-02	8.57E+00	6.51E-01
2710	Residential	1.21E-02	1.15E-03	1.21E-02	1.15E-03	1.28E-02	1.19E-03	1.28E-02	1.19E-03	7.38E-04	5.97E-05	1.21E-02	1.15E-03	1.53E-02	1.32E-03	1.53E-02	1.32E-03	1.21E-02	1.15E-03	1.28E-02	1.19E-03	1.21E-02	1.16E-03	1.21E-02	1.15E-03	1.21E-02	1.15E-03	1.21E-02	1.15E-03	5.07E-01	6.92E-02	6.98E+00	6.57E-01
2711	Residential	1.18E-02	1.35E-03	1.18E-02	1.35E-03	1.25E-02	1.40E-03	1.25E-02	1.40E-03	6.28E-04	5.47E-05	1.18E-02	1.35E-03	1.46E-02	1.57E-03	1.46E-02	1.57E-03	1.18E-02	1.35E-03	1.25E-02	1.40E-03	1.19E-02	1.36E-03	1.18E-02	1.35E-03	1.18E-02	1.36E-03	1.18E-02	1.35E-03	4.34E-01	6.06E-02	7.22E+00	7.76E-01
2712	Residential	1.09E-02	1.37E-03	1.08E-02	1.36E-03	1.16E-02	1.43E-03	1.16E-02	1.43E-03	7.52E-04	5.64E-05	1.08E-02	1.36E-03	1.41E-02	1.62E-03	1.41E-02	1.62E-03	1.09E-02	1.37E-03	1.16E-02	1.43E-03	1.09E-02	1.37E-03	1.08E-02	1.36E-03	1.09E-02	1.37E-03	1.09E-02	1.37E-03	4.64E-01	4.96E-02	6.80E+00	7.92E-01
2713	Residential	1.29E-02	1.39E-03	1.28E-02	1.38E-03	1.37E-02	1.45E-03	1.37E-02	1.45E-03	8.87E-04	8.23E-05	1.29E-02	1.38E-03	1.61E-02	1.65E-03	1.61E-02	1.65E-03	1.29E-02	1.39E-03	1.37E-02	1.45E-03	1.30E-02	1.40E-03	1.29E-02	1.39E-03	1.29E-02	1.39E-03	1.29E-02	1.39E-03	7.70E-01	9.10E-02	8.78E+00	8.52E-01
2714	Residential	9.98E-03	1.38E-03	9.96E-03	1.37E-03	1.08E-02	1.45E-03	1.08E-02	1.45E-03	8.45E-04	7.25E-05	9.97E-03	1.37E-03	1.37E-02	1.70E-03	1.37E-02	1.70E-03	9.98E-03	1.38E-03	1.08E-02	1.45E-03	1.00E-02	1.39E-03	9.98E-03	1.37E-03	1.00E-02	1.38E-03	9.99E-03	1.38E-03	8.73E-01	7.09E-02	6.83E+00	8.61E-01
2715	Residential	9.45E-03	1.28E-03	9.43E-03	1.27E-03	9.73E-03	1.36E-03	9.73E-03	1.36E-03	6.37E-04	9.11E-05	9.43E-03	1.27E-03	1.13E-02	1.61E-03	1.13E-02	1.61E-03	9.45E-03	1.28E-03	9.73E-03	1.36E-03	9.48E-03	1.29E-03	9.44E-03	1.28E-03	9.47E-03	1.28E-03	9.45E-03	1.28E-03	7.68E-01	7.63E-02	5.83E+00	7.70E-01
2716	Residential	1.29E-02	1.19E-03	1.28E-02	1.18E-03	1.32E-02	1.29E-03	1.32E-02	1.29E-03	8.21E-04	1.08E-04	1.28E-02	1.18E-03	1.43E-02	1.60E-03	1.43E-02	1.60E-03	1.29E-02	1.19E-03	1.32E-02	1.29E-03	1.29E-02	1.20E-03	1.28E-02	1.19E-03	1.29E-02	1.20E-03	1.29E-02	1.19E-03	6.20E-01	7.99E-02	7.70E+00	7.22E-01
2717	Residential	1.25E-02	1.10E-03	1.25E-02	1.09E-03	1.28E-02	1.19E-03	1.28E-02	1.19E-03	7.76E-04	1.15E-04	1.25E-02	1.09E-03	1.38E-02	1.51E-03	1.38E-02	1.51E-03	1.25E-02	1.10E-03	1.28E-02	1.19E-03	1.25E-02	1.11E-03	1.25E-02	1.09E-03	1.25E-02	1.10E-03	1.25E-02	1.10E-03	6.36E-01	8.27E-02	7.45E+00	7.02E-01
2718	Residential	1.38E-02	1.16E-03	1.38E-02	1.16E-03	1.40E-02	1.22E-03	1.40E-02	1.22E-03	5.58E-04	9.75E-05	1.38E-02	1.16E-03	1.45E-02	1.41E-03	1.45E-02	1.41E-03	1.38E-02	1.16E-03	1.40E-02	1.22E-03	1.38E-02	1.17E-03	1.38E-02	1.16E-03	1.38E-02	1.16E-03	1.38E-02	1.16E-03	5.74E-01	1.25E-01	7.78E+00	7.62E-01
2719	Residential	9.51E-03	1.04E-03	9.47E-03	1.04E-03	1.00E-02	1.13E-03	1.00E-02	1.13E-03	6.10E-04	1.13E-04	9.48E-03	1.04E-03	1.18E-02	1.44E-03	1.18E-02	1.44E-03	9.51E-03	1.04E-03	1.00E-02	1.13E-03	9.58E-03	1.05E-03	9.50E-03	1.04E-03	9.54E-03	1.04E-03	9.52E-03	1.04E-03	7.40E-01	1.12E-01	5.59E+00	7.53E-01
2720	Residential	1.04E-02	1.08E-03	1.03E-02	1.07E-03	1.06E-02	1.17E-03	1.06E-02	1.17E-03	7.26E-04	1.17E-04	1.03E-02	1.07E-03	1.18E-02	1.49E-03	1.18E-02	1.49E-03	1.04E-02	1.08E-03	1.06E-02	1.17E-03	1.04E-02	1.09E-03	1.04E-02	1.07E-03	1.04E-02	1.08E-03	1.04E-02	1.08E-03	8.36E-01	1.13E-01	6.20E+00	7.67E-01
2721	Residential	1.16E-02	1.12E-03	1.15E-02	1.12E-03	1.18E-02	1.22E-03	1.18E-02	1.22E-03	8.20E-04	1.12E-04	1.16E-02	1.12E-03	1.26E-02	1.53E-03	1.26E-02	1.53E-03	1.16E-02	1.12E-03	1.18E-02	1.22E-03	1.16E-02	1.13E-03	1.16E-02	1.12E-03	1.16E-02	1.13E-03	1.16E-02	1.12E-03	8.74E-01	1.07E-01	7.05E+00	7.48E-01
2722	Residential	1.05E-02	1.12E-03	1.04E-02	1.11E-03	1.13E-02	1.21E-03	1.13E-02	1.21E-03	7.95E-04	9.92E-05	1.04E-02	1.11E-03	1.41E-02	1.49E-03	1.41E-02	1.49E-03	1.05E-02	1.12E-03	1.13E-02	1.21E-03	1.06E-02	1.13E-03	1.05E-02	1.12E-03	1.05E-02	1.12E-03	1.05E-02	1.12E-03	9.30E-01	1.08E-01	6.90E+00	7.21E-01
2723	Residential	1.66E-02	1.33E-03	1.65E-02	1.32E-03	1.78E-02	1.42E-03	1.78E-02	1.42E-03	1.14E-03	1.17E-04	1.65E-02	1.32E-03	2.18E-02	1.71E-03	2.18E-02	1.71E-03	1.66E-02	1.33E-03	1.78E-02	1.42E-03	1.68E-02	1.34E-03	1.66E-02	1.33E-03	1.67E-02	1.33E-03	1.66E-02	1.33E-03	1.19E+00	1.06E-01	9.96E+00	8.37E-01
2724	Residential	6.88E-03	1.60E-03	6.86E-03	1.60E-03	7.23E-03	1.69E-03	7.23E-03	1.69E-03	6.92E-04	1.13E-04	6.86E-03	1.60E-03	9.06E-03	2.05E-03	9.06E-03	2.05E-03	6.88E-03	1.60E-03	7.23E-03	1.69E-03	6.92E-03	1.61E-03	6.87E-03	1.60E-03	6.90E-03	1.61E-03	6.88E-03	1.60E-03	7.40E-01	1.98E-01	4.18E+00	1.03E+00
2725	Residential	1.14E-02	8.93E-04	1.14E-02	8.89E-04	1.21E-02	9.60E-04	1.21E-02	9.60E-04	6.91E-04	8.02E-05	1.14E-02	8.89E-04	1.45E-02	1.18E-03	1.45E-02	1.18E-03	1.14E-02	8.93E-04	1.21E-02	9.60E-04	1.15E-02	9.01E-04	1.14E-02	8.92E-04	1.15E-02	8.97E-04	1.14E-02	8.94E-04	9.90E-01	1.35E-01	6.67E+00	5.96E-01
2726	Residential	1.19E-02	9.13E-04	1.18E-02	9.09E-04	1.26E-02	9.73E-04	1.26E-02	9.73E-04	6.90E-04	6.14E-05	1.18E-02	9.10E-04	1.50E-02	1.17E-03	1.50E-02	1.17E-03	1.19E-02	9.14E-04	1.26E-02	9.73E-04	1.19E-02	9.21E-04	1.18E-02	9.12E-04	1.19E-02	9.17E-04	1.19E-02	9.14E-04	7.21E-01	1.18E-01	6.77E+00	6.10E-01
2727	Residential	9.87E-03	9.01E-04	9.83E-03	8.98E-04	1.05E-02	9.59E-04	1.05E-02	9.59E-04	5.94E-04	5.40E-05	9.84E-03	8.98E-04	1.26E-02	1.15E-03	1.26E-02	1.15E-03	9.88E-03	9.02E-04	1.05E-02	9.59E-04	9.95E-03	9.08E-04	9.86E-03	9.00E-04	9.91E-03	9.05E-04	9.88E-03	9.02E-04	7.79E-01	1.03E-01	5.64E+00	5.33E-01
2728	Residential	7.78E-03	9.83E-04	7.75E-03	9.77E-04	8.23E-03	1.08E-03	8.23E-03	1.08E-03	4.55E-04	8.69E-05	7.75E-03	9.78E-04	9.68E-03	1.38E-03	9.68E-03	1.38E-03	7.78E-03	9.84E-04	8.23E-03	1.08E-03	7.83E-03	9.95E-04	7.77E-03	9.81E-04	7.81E-03	9.89E-04	7.78E-03	9.84E-04	8.55E-01	1.09E-01	4.48E+00	5.72E-01
2729	Residential	8.49E-03	1.16E-03	8.46E-03	1.15E-03	9.03E-03	1.26E-03	9.03E-03	1.26E-03	5.04E-04	9.95E-05	8.46E-03	1.15E-03	1.08E-02	1.60E-03	1.08E-02	1.60E-03	8.49E-03	1.16E-03	9.03E-03	1.26E-03	8.56E-03	1.17E-03	8.48E-03	1.15E-03	8.52E-03	1.16E-03	8.50E-03	1.16E-03	6.03E-01	1.53E-01	4.94E+00	7.81E-01
2730	Residential	1.16E-02	1.35E-03	1.15E-02	1.34E-03	1.22E-02	1.45E-03	1.22E-02	1.45E-03	6.31E-04	9.88E-05	1.15E-02	1.34E-03	1.44E-02	1.79E-03	1.44E-02	1.79E-03	1.16E-02	1.35E-03	1.22E-02	1.45E-03	1.17E-02	1.36E-03	1.16E-02	1.35E-03	1.16E-02	1.35E-03	1.16E-02	1.35E-03	4.58E-01	1.34E-01	6.63E+00	8.86E-01
2731	Residential	6.80E-03	1.86E-03	6.76E-03	1.85E-03	7.35E-03	2.01E-03	7.35E-03	2.01E-03	6.99E-04	1.40E-04	6.77E-03	1.85E-03	9.55E-03	2.49E-03	9.55E-03	2.49E-03	6.80E-03	1.86E-03	7.35E-03	2.01E-03	6.87E-03	1.88E-03	6.79E-03	1.86E-03	6.83E-03	1.87E-03	6.81E-03	1.86E-03	7.15E-01	1.50E-01	3.95E+00	1.09E+00
2732	Residential	6.85E-03	2.13E-03	6.80E-03	2.12E-03	7.59E-03	2.32E-03	7.59E-03	2.32E-03	6.94E-04	1.77E-04	6.81E-03	2.12E-03	9.98E-03	2.93E-03	9.98E-03	2.93E-03	6.85E-03	2.13E-03	7.59E-03	2.32E-03	6.94E-03	2.15E-03	6.84E-03	2.13E-03	6.90E-03	2.14E-03	6.86E-03	2.13E-03	7.01E-01	1.64E-01	4.03E+00	1.27E+00
2733	Residential	1.10E-02	1.78E-03	1.10E-02	1.78E-03	1.12E-02	1.89E-03	1.12E-02	1.89E-03	7.83E-04	1.07E-04	1.10E-02	1.78E-03	1.20E-02	2.24E-03	1.20E-02	2.24E-03	1.10E-02	1.78E-03	1.12E-02	1.89E-03	1.10E-02	1.80E-03	1.10E-02	1.78E-03	1.10E-02	1.79E-03	1.10E-02	1.79E-03	6.31E-01	1.34E-01	5.96E+00	1.08E+00
2734	Residential	7.59E-03	1.64E-03	7.54E-03	1.63E-03	8.27E-03	1.75E-03	8.27E-03	1.75E-03	6.38E-04	1.40E-04	7.55E-03	1.63E-03	1.05E-02	2.23E-03	1.05E-02	2.23E-03	7.59E-03	1.64E-03	8.27E-03	1.75E-03	7.67E-03	1.65E-03	7.57E-03	1.64E-03	7.63E-03	1.65E-03	7.60E-03	1.64E-03	6.89E-01	2.10E-01	4.40E+00	1.10E+00
2735	Residential	7.39E-03	1.50E-03	7.36E-03	1.50E-03	7.96E-03	1.61E-03	7.96E-03	1.61E-03	7.69E-04	1.09E-04	7.36E-03	1.50E-03	9.84E-03	1.94E-03	9.84E-03	1.94E-03	7.40E-03	1.50E-03	7.96E-03	1.61E-03	7.46E-03	1.52E-03	7.38E-03	1.50E-03	7.43E-03	1.51E-03	7.40E-03	1.51E-03	7.01E-01	1.33E-01	4.31E+00	8.81E-01
2736	Residential	7.12E-03	1.93E-03	7.08E-03	1.92E-03	7.72E-03	2.08E-03	7.72E-03	2.08E-03	6.16E-04	1.43E-04	7.09E-03	1.92E-03	9.68E-03	2.58E-03	9.68E-03	2.58E-03	7.12E-03	1.93E-03	7.72E-03	2.08E-03	7.19E-03	1.95E-03	7.11E-03	1.93E-03	7.15E-03	1.94E-03	7.13E-03	1.93E-03	6.76E-01	1.34E-01	4.36E+00	1.14E+00
2737	Residential	7.02E-03	2.08E-03	7.00E-03	2.07E-03	7.66E-03	2.24E-03	7.66E-03	2.24E-03	6.03E-04	1.63E-04	7.00E-03	2.07E-03	9.74E-03	2.74E-03	9.74E-03	2.74E-03	7.03E-03	2.08E-03	7.66E-03	2.24E-03	7.10E-03	2.10E-03	7.02E-03	2.08E-03	7.06E-03	2.09E-03	7.03E-03	2.08E-03	6.50E-01	1.36E-01	4.14E+00	1.21E+00
2738	Residential	6.32E-03	1.93E-03	6.29E-03	1.92E-03	6.80E-03	2.10E-03	6.80E-03	2.10E-03	6.58E-04	1.61E-04	6.29E-03	1.92E-03	8.40E-03	2.66E-03	8.40E-03	2.66E-03	6.32E-03	1.93E-03	6.80E-03	2.10E-03	6.38E-03	1.96E-03	6.31E-03	1.93E-03	6.35E-03	1.94E-03	6.33E-03	1.94E-03	6.22E-01	1.96E-01	3.69E+00	1.23E+00
2739	Residential	7.11E-03	1.75E-03	7.09E-03	1.74E-03	7.48E-03	1.89E-03	7.48E-03	1.89E-03	6.54E-04	1.28E-04	7.09E-03	1.74E-03	8.68E-03	2.33E-03	8.68E-03	2.33E-03	7.11E-03	1.75E-03	7.48E-03	1.89E-03	7.16E-03	1.77E-03	7.10E-03	1.75E-03	7.13E-03	1.76E-03	7.12E-03	1.75E-03	9.40E-01	1.70E-01	4.04E+00	1.09E+00
2740	Residential	8.41E-03	1.83E-03	8.38E-03	1.82E-03	8.88E-03	1.97E-03	8.88E-03	1.97E-03	6.01E-04	1.31E-04	8.39E-03	1.82E-03	1.04E-02	2.42E-03	1.04E-02	2.42E-03	8.41E-03	1.83E-03	8.88E-03	1.97E-03	8.47E-03	1.85E-03	8.40E-03	1.83E-03	8.44E-03	1.84E-03	8.42E-03	1.83E-03	5.62E-01	1.22E-01	4.83E+00	1.10E+00
2741	Residential	8.84E-03	1.82E-03	8.81E-03	1.82E-03	9.35E-03	1.96E-03	9.35E-03	1.96E-03	6.95E-04	1.30E-04	8.82E-03	1.82E-03	1.10E-02	2.41E-03	1.10E-02	2.41E-03	8.85E-03	1.82E-03	9.35E-03	1.96E-03	8.91E-03	1.84E-03	8.83E-03	1.82E-03	8.87E-03	1.83E-03	8.85E-03	1.83E-03	5.48E-01	1.29E-01	5.12E+00	1.12E+00
2742	Residential	8.90E-03	1.59E-03	8.86E-03	1.59E-03	9.42E-03	1.71E-03	9.42E-03	1.71E-03	6.29E-04	1.45E-04	8.87E-03	1.59E-03	1.11E-02	2.09E-03	1.11E-02	2.09E-03	8.90E-03	1.59E-03	9.42E-03	1.71E-03	8.96E-03	1.61E-03	8.88E-03	1.59E-03	8.93E-03	1.60E-03	8.90E-03	1.59E-03	6.39E-01	1.24E-01	5.20E+00	1.03E+00
2743	Residential	8.63E-03	1.74E-03	8.60E-03	1.73E-03	9.15E-03	1.88E-03	9.15E-03	1.88E-03	6.04E-04	1.41E-04	8.60E-03	1.73E-03	1.08E-02	2.31E-03	1.08E-02	2.31E-03	8.63E-03	1.74E-03	9.15E-03	1.88E-03	8.70E-03	1.76E-03	8.62E-03	1.74E-03	8.66E-03	1.75E-03	8.64E-03	1.74E-03	6.79E-01	1.48E-01	5.09E+00	1.02E+00
2744	Residential	8.43E-03	1.81E-03	8.40E-03	1.80E-03	8.94E-03	1.95E-03	8.94E-03	1.95E-03	6.95E-04	1.63E-04	8.40E-03	1.80E-03	1.06E-02	2.40E-03	1.06E-02	2.40E-03	8.43E-03	1.81E-03	8.94E-03	1.95E-03	8.49E-03	1.83E-03	8.42E-03	1.81E-03	8.46E-03	1.82E-03	8.44E-03	1.81E-03	5.84E-01	1.48E-01	4.99E+00	1.08E+00
2745	Residential	8.26E-03	1.87E-03	8.23E-03	1.85E-03	8.76E-03	2.02E-03	8.76E-03	2.02E-03	6.43E-04	1.77E-04	8.24E-03	1.86E-03	1.04E-02	2.53E-03	1.04E-02	2.53E-03	8.26E-03	1.87E-03	8.76E-03	2.02E-03	8.32E-03	1.88E-03	8.25E-03	1.86E-03	8.29E-03	1.87E-03	8.27E-03	1.87E-03	5.58E-01	1.43E-01	4.88E+00	1.09E+00
2746	Residential	7.97E-03	2.00E-03	7.94E-03	1.99E-03	8.44E-03	2.16E-03	8.44E-03	2.16E-03	5.70E-04	1.60E-04	7.95E-03	1.99E-03	9.96E-03	2.69E-03	9.96E-03	2.69E-03	7.97E-03	2.00E-03	8.44E-03	2.16E-03	8.03E-03	2.02E-03	7.96E-03	2.00E-03	8.00E-03	2.01E-03	7.98E-03	2.00E-03	5.88E-01	1.37E-01	4.69E+00	1.20E+00
2747	Residential	7.49E-03	1.95E-03	7.46E-03	1.94E-03	7.93E-03	2.10E-03	7.93E-03	2.10E-03	4.96E-04	1.40E-04	7.47E-03	1.94E-03	9.34E-03	2.58E-03	9.34E-03	2.58E-03	7.49E-03	1.95E-03	7.93E-03	2.10E-03	7.54E-03	1.97E-03	7.48E-03	1.95E-03	7.52E-03	1.96E-03	7.50E-03	1.95E-03	5.87E-01	1.33E-01	4.38E+00	1.21E+00
2748	Residential	6.71E-03	1.75E-03	6.68E-03	1.74E-03	7.09E-03	1.87E-03	7.09E-03	1.87E-03	4.78E-04	1.18E-04	6.69E-03	1.74E-03	8.35E-03	2.27E-03	8.35E-03	2.27E-03	6.71E-03	1.75E-03	7.09E-03	1.87E-03	6.75E-03	1.76E-03	6.70E-03	1.75E-03	6.73E-03	1.76E-03	6.71E-03	1.75E-03	8.01E-01	1.48E-01	3.90E+00	1.12E+00
2749	Residential	6.30E-03	1.60E-03	6.27E-03	1.59E-03	6.72E-03	1.71E-03	6.72E-03	1.71E-03	4.46E-04	1.21E-04	6.28E-03	1.59E-03	8.07E-03	2.11E-03	8.07E-03	2.11E-03	6.30E-03	1.60E-03	6.72E-03	1.71E-03	6.35E-03	1.61E-03	6.29E-03	1.59E-03	6.33E-03	1.60E-03	6.31E-03	1.60E-03	7.00E-01	1.50E-01	3.60E+00	1.05E+00
2750	Residential	6.08E-03	1.70E-03	6.06E-03	1.69E-03	6.47E-03	1.83E-03	6.47E-03	1.83E-03	4.60E-04	1.26E-04	6.06E-03	1.69E-03	7.82E-03	2.27E-03	7.82E-03	2.27E-03	6.08E-03	1.70E-03	6.47E-03	1.83E-03	6.13E-03	1.72E-03	6.08E-03	1.70E-03	6.11E-03	1.71E-03	6.09E-03	1.70E-03	6.12E-01	1.46E-01	3.54E+00	1.06E+00
2751	Residential	8.08E-03	1.87E-03	8.08E-03	1.86E-03	8.10E-03	2.00E-03	8.10E-03	2.00E-03	4.78E-04	1.32E-04	8.08E-03	1.86E-03	8.23E-03	2.43E-03	8.23E-03	2.43E-03	8.08E-03	1.87E-03	8.10E-03	2.00E-03	8.09E-03	1.88E-03	8.08E-03	1.86E-03	8.09E-03	1.87E-03	8.08E-03	1.87E-03	8.39E-01	1.18E-01	4.36E+00	1.21E+00
2752	Residential	9.01E-03	1.79E-03	9.01E-03	1.78E-03	9.03E-03	1.91E-03	9.03E-03	1.91E-03	4.28E-04	1.23E-04	9.01E-03	1.78E-03	9.07E-03	2.29E-03	9.07E-03	2.29E-03	9.01E-03	1.79E-03	9.03E-03	1.91E-03	9.02E-03	1.80E-03	9.01E-03	1.79E-03	9.02E-03	1.80E-03	9.01E-03	1.79E-03	9.90E-01	1.04E-01	4.84E+00	1.15E+00
2753	Residential	8.94E-03	1.70E-03	8.94E-03	1.69E-03	8.96E-03	1.81E-03	8.96E-03	1.81E-03	4.49E-04	1.15E-04	8.94E-03	1.69E-03	8.99E-03	2.16E-03	8.99E-03	2.16E-03	8.94E-03	1.70E-03	8.96E-03	1.81E-03	8.95E-03	1.71E-03	8.94E-03	1.70E-03	8.94E-03	1.70E-03	8.94E-03	1.70E-03	9.80E-01	1.03E-01	4.80E+00	1.08E+00
2754	Residential	5.81E-03	1.34E-03	5.80E-03	1.33E-03	6.29E-03	1.41E-03	6.29E-03	1.41E-03	5.08E-04	8.42E-05	5.80E-03	1.33E-03	7.86E-03	1.68E-03	7.86E-03	1.68E-03	5.81E-03	1.34E-03	6.29E-03	1.41E-03	5.87E-03	1.34E-03	5.80E-03	1.33E-03	5.84E-03	1.34E-03	5.82E-03	1.34E-03	8.87E-01	8.89E-02	3.45E+00	8.15E-01
2755	Residential	6.23E-03	1.11E-03	6.20E-03	1.11E-03	6.63E-03	1.17E-03	6.63E-03	1.17E-03	8.23E-04	6.73E-05	6.21E-03	1.11E-03	8.27E-03	1.41E-03	8.27E-03	1.41E-03	6.23E-03	1.11E-03	6.63E-03	1.17E-03	6.28E-03	1.12E-03	6.22E-03	1.11E-03	6.25E-03	1.12E-03	6.23E-03	1.12E-03	8.35E-01	7.79E-02	4.33E+00	6.75E-01
2756	Residential	7.77E-03	9.58E-04	7.69E-03	9.53E-04	8.96E-03	1.03E-03	8.96E-03	1.03E-03	1.12E-03	7.96E-05	7.70E-03	9.54E-04	1.28E-02	1.27E-03	1.28E-02	1.27E-03	7.77E-03	9.58E-04	8.96E-03	1.03E-03	7.92E-03	9.67E-04	7.74E-03	9.56E-04	7.84E-03	9.62E-04	7.78E-03	9.59E-04	7.78E-01	8.09E-02	6.00E+00	6.64E-01
2757	Residential	1.30E-02	1.02E-03	1.29E-02	1.02E-03	1.45E-02	1.10E-03	1.45E-02	1.10E-03	1.45E-03	1.03E-04	1.29E-02	1.02E-03	1.96E-02	1.44E-03	1.96E-02	1.44E-03	1.30E-02	1.02E-03	1.45E-02	1.10E-03	1.32E-02	1.03E-03	1.30E-02	1.02E-03	1.31E-02	1.03E-03	1.30E-02	1.03E-03	6.80E-01	8.65E-02	8.58E+00	6.79E-01
2758	Residential	1.79E-02	1.33E-03	1.78E-02	1.32E-03	1.96E-02	1.45E-03	1.96E-02	1.45E-03	1.60E-03	1.15E-04	1.78E-02	1.32E-03	2.51E-02	1.85E-03	2.51E-02	1.85E-03	1.79E-02	1.33E-03	1.96E-02	1.45E-03	1.81E-02	1.34E-03	1.79E-02	1.33E-03	1.80E-02	1.34E-03	1.79E-02	1.33E-03	5.71E-01	9.05E-02	1.09E+01	8.23E-01
2759	Residential	2.18E-02	1.60E-03	2.16E-02	1.59E-03	2.34E-02	1.72E-03	2.34E-02	1.72E-03	1.57E-03	1.15E-04	2.17E-02	1.59E-03	2.88E-02	2.12E-03	2.88E-02	2.12E-03	2.18E-02	1.60E-03	2.34E-02	1.72E-03	2.20E-02	1.61E-03	2.17E-02	1.60E-03	2.19E-02	1.61E-03	2.18E-02	1.60E-03	4.55E-01	9.27E-02	1.27E+01	9.50E-01
2760	Residential	2.37E-02	1.74E-03	2.36E-02	1.74E-03	2.52E-02	1.86E-03	2.52E-02	1.86E-03	1.38E-03	1.04E-04	2.36E-02	1.74E-03	2.99E-02	2.21E-03	2.99E-02	2.21E-03	2.37E-02	1.74E-03	2.52E-02	1.86E-03	2.39E-02	1.76E-03	2.37E-02	1.74E-03	2.38E-02	1.75E-03	2.37E-02	1.75E-03	4.59E-01	9.35E-02	1.35E+01	1.01E+00
2761	Residential	1.35E-02	1.03E-03	1.34E-02	1.02E-03	1.47E-02	1.13E-03	1.47E-02	1.13E-03	1.17E-03	9.09E-05	1.34E-02	1.03E-03	1.87E-02	1.44E-03	1.87E-02	1.44E-03	1.35E-02	1.03E-03	1.47E-02	1.13E-03	1.36E-02	1.04E-03	1.35E-02	1.03E-03	1.36E-02	1.04E-03	1.35E-02	1.03E-03	4.21E-01	6.47E-02	8.08E+00	6.31E-01
2762	Residential	1.02E-02	9.26E-04	1.01E-02	9.22E-04	1.14E-02	9.95E-04	1.14E-02	9.95E-04	1.09E-03	8.04E-05	1.02E-02	9.22E-04	1.52E-02	1.22E-03	1.52E-02	1.22E-03	1.02E-02	9.26E-04	1.14E-02	9.95E-04	1.04E-02	9.35E-04	1.02E-02	9.25E-04	1.03E-02	9.30E-04	1.02E-02	9.27E-04	4.74E-01	6.14E-02	6.58E+00	6.11E-01
2763	Residential	7.89E-03	1.07E-03	7.85E-03	1.07E-03	8.50E-03	1.12E-03	8.50E-03	1.12E-03	9.26E-04	6.56E-05	7.86E-03	1.07E-03	1.17E-02	1.30E-03	1.17E-02	1.30E-03	7.89E-03	1.07E-03	8.50E-03	1.12E-03	7.95E-03	1.08E-03	7.88E-03	1.07E-03	7.92E-03	1.07E-03	7.89E-03	1.07E-03	5.37E-01	6.66E-02	5.29E+00	6.16E-01
2764	Residential	7.57E-03	1.19E-03	7.53E-03	1.19E-03	8.12E-03	1.26E-03	8.12E-03	1.26E-03	7.41E-04	6.30E-05	7.54E-03	1.19E-03	9.94E-03	1.46E-03	9.94E-03	1.46E-03	7.57E-03	1.19E-03	8.12E-03	1.26E-03	7.64E-03	1.20E-03	7.55E-03	1.19E-03	7.60E-03	1.20E-03	7.57E-03	1.20E-03	5.65E-01	7.35E-02	4.23E+00	6.98E-01
2765	Residential	7.42E-03	1.38E-03	7.42E-03	1.38E-03	7.44E-03	1.46E-03	7.44E-03	1.46E-03	5.61E-04	7.53E-05	7.42E-03	1.38E-03	8.49E-03	1.72E-03	8.49E-03	1.72E-03	7.42E-03	1.38E-03	7.44E-03	1.46E-03	7.43E-03	1.39E-03	7.42E-03	1.38E-03	7.42E-03	1.39E-03	7.42E-03	1.38E-03	5.59E-01	8.40E-02	3.98E+00	8.43E-01
2766	Residential	8.41E-03	1.45E-03	8.40E-03	1.44E-03	8.43E-03	1.54E-03	8.43E-03	1.54E-03	5.43E-04	8.23E-05	8.40E-03	1.44E-03	8.50E-03	1.82E-03	8.50E-03	1.82E-03	8.41E-03	1.45E-03	8.43E-03	1.54E-03	8.41E-03	1.46E-03	8.41E-03	1.45E-03	8.41E-03	1.45E-03	8.41E-03	1.45E-03	5.51E-01	8.82E-02	4.51E+00	9.08E-01
2767	Residential	9.43E-03	1.50E-03	9.43E-03	1.50E-03	9.46E-03	1.60E-03	9.46E-03	1.60E-03	4.82E-04	8.98E-05	9.43E-03	1.50E-03	9.54E-03	1.91E-03	9.54E-03	1.91E-03	9.43E-03	1.50E-03	9.46E-03	1.60E-03	9.44E-03	1.51E-03	9.43E-03	1.50E-03	9.43E-03	1.51E-03	9.43E-03	1.50E-03	5.39E-01	9.19E-02	5.06E+00	9.78E-01
2768	Residential	9.97E-03	1.51E-03	9.97E-03	1.50E-03	1.00E-02	1.61E-03	1.00E-02	1.61E-03	4.19E-04	9.52E-05	9.97E-03	1.50E-03	1.01E-02	1.94E-03	1.01E-02	1.94E-03	9.97E-03	1.51E-03	1.00E-02	1.61E-03	9.97E-03	1.52E-03	9.97E-03	1.50E-03	9.97E-03	1.51E-03	9.97E-03	1.51E-03	5.34E-01	9.57E-02	5.35E+00	1.02E+00
2769	Residential	9.37E-03	1.57E-03	9.37E-03	1.56E-03	9.40E-03	1.67E-03	9.40E-03	1.67E-03	4.04E-04	1.00E-04	9.37E-03	1.56E-03	9.51E-03	2.02E-03	9.51E-03	2.02E-03	9.37E-03	1.57E-03	9.40E-03	1.67E-03	9.38E-03	1.58E-03	9.37E-03	1.57E-03	9.37E-03	1.57E-03	9.37E-03	1.57E-03	5.10E-01	1.09E-01	5.04E+00	1.02E+00
2770	Residential	1.09E-02	1.73E-03	1.09E-02	1.72E-03	1.09E-02	1.85E-03	1.09E-02	1.85E-03	4.27E-04	1.14E-04	1.09E-02	1.73E-03	1.09E-02	2.25E-03	1.09E-02	2.25E-03	1.09E-02	1.73E-03	1.09E-02	1.85E-03	1.09E-02	1.75E-03	1.09E-02	1.73E-03	1.09E-02	1.74E-03	1.09E-02	1.73E-03	4.34E-01	1.32E-01	5.83E+00	1.11E+00

Scenario 2 Results

2771 Residential	1.25E-02	1.83E-03	1.25E-02	1.82E-03	1.25E-02	1.96E-03	1.25E-02	1.96E-03	4.22E-04	1.23E-04	1.25E-02	1.82E-03	1.25E-02	2.38E-03	1.25E-02	2.38E-03	1.25E-02	1.83E-03	1.25E-02	1.96E-03	1.25E-02	1.84E-03	1.25E-02	1.82E-03	1.25E-02	1.84E-03	1.25E-02	1.83E-03	4.57E-01	1.37E-01	6.68E+00	1.16E+00
2772 Residential	1.17E-02	1.89E-03	1.17E-02	1.88E-03	1.17E-02	2.02E-03	1.17E-02	2.02E-03	4.19E-04	1.31E-04	1.17E-02	1.88E-03	1.17E-02	2.48E-03	1.17E-02	2.48E-03	1.17E-02	1.89E-03	1.17E-02	2.02E-03	1.17E-02	1.90E-03	1.17E-02	1.88E-03	1.17E-02	1.89E-03	1.17E-02	1.89E-03	4.99E-01	1.25E-01	6.25E+00	1.17E+00
2773 Residential	8.69E-03	1.87E-03	8.66E-03	1.86E-03	9.19E-03	2.01E-03	9.19E-03	2.01E-03	4.91E-04	1.33E-04	8.66E-03	1.86E-03	1.08E-02	2.47E-03	1.08E-02	2.47E-03	8.69E-03	1.87E-03	9.19E-03	2.01E-03	8.75E-03	1.89E-03	8.68E-03	1.87E-03	8.72E-03	1.88E-03	8.69E-03	1.87E-03	5.43E-01	1.15E-01	5.02E+00	1.15E+00
2774 Residential	9.71E-03	1.81E-03	9.67E-03	1.80E-03	1.03E-02	1.95E-03	1.03E-02	1.95E-03	5.95E-04	1.32E-04	9.68E-03	1.80E-03	1.21E-02	2.39E-03	1.21E-02	2.39E-03	9.71E-03	1.81E-03	1.03E-02	1.95E-03	9.78E-03	1.83E-03	9.69E-03	1.81E-03	9.74E-03	1.82E-03	9.71E-03	1.81E-03	6.92E-01	1.11E-01	5.62E+00	1.11E+00
2775 Residential	1.07E-02	1.70E-03	1.07E-02	1.69E-03	1.13E-02	1.82E-03	1.13E-02	1.82E-03	5.82E-04	1.54E-04	1.07E-02	1.69E-03	1.33E-02	2.29E-03	1.33E-02	2.29E-03	1.07E-02	1.70E-03	1.13E-02	1.82E-03	1.08E-02	1.71E-03	1.07E-02	1.69E-03	1.08E-02	1.70E-03	1.07E-02	1.70E-03	6.95E-01	1.13E-01	6.21E+00	1.03E+00
2776 Residential	1.14E-02	1.65E-03	1.13E-02	1.65E-03	1.20E-02	1.77E-03	1.20E-02	1.77E-03	6.54E-04	1.54E-04	1.13E-02	1.65E-03	1.42E-02	2.16E-03	1.42E-02	2.16E-03	1.14E-02	1.65E-03	1.20E-02	1.77E-03	1.14E-02	1.67E-03	1.14E-02	1.65E-03	1.14E-02	1.66E-03	1.14E-02	1.66E-03	4.62E-01	1.29E-01	6.60E+00	9.81E-01
2777 Residential	1.16E-02	1.61E-03	1.15E-02	1.60E-03	1.23E-02	1.73E-03	1.23E-02	1.73E-03	6.47E-04	1.32E-04	1.15E-02	1.60E-03	1.45E-02	2.11E-03	1.45E-02	2.11E-03	1.16E-02	1.61E-03	1.23E-02	1.73E-03	1.16E-02	1.62E-03	1.15E-02	1.61E-03	1.16E-02	1.62E-03	1.16E-02	1.61E-03	5.25E-01	1.30E-01	6.72E+00	9.45E-01
2778 Residential	1.17E-02	1.46E-03	1.16E-02	1.45E-03	1.24E-02	1.56E-03	1.24E-02	1.56E-03	6.63E-04	1.24E-04	1.16E-02	1.45E-03	1.46E-02	1.91E-03	1.46E-02	1.91E-03	1.17E-02	1.46E-03	1.24E-02	1.56E-03	1.17E-02	1.47E-03	1.16E-02	1.46E-03	1.17E-02	1.47E-03	1.17E-02	1.46E-03	6.60E-01	1.26E-01	6.76E+00	8.45E-01
2779 Residential	1.15E-02	1.42E-03	1.15E-02	1.42E-03	1.22E-02	1.52E-03	1.22E-02	1.52E-03	6.54E-04	1.24E-04	1.15E-02	1.42E-03	1.44E-02	1.85E-03	1.44E-02	1.85E-03	1.15E-02	1.42E-03	1.22E-02	1.52E-03	1.16E-02	1.43E-03	1.15E-02	1.42E-03	1.15E-02	1.43E-03	1.15E-02	1.42E-03	1.13E+00	1.11E-01	6.65E+00	9.03E-01
2780 Residential	1.10E-02	1.61E-03	1.10E-02	1.61E-03	1.17E-02	1.73E-03	1.17E-02	1.73E-03	6.48E-04	1.12E-04	1.10E-02	1.61E-03	1.38E-02	2.11E-03	1.38E-02	2.11E-03	1.10E-02	1.61E-03	1.17E-02	1.73E-03	1.11E-02	1.63E-03	1.10E-02	1.61E-03	1.11E-02	1.62E-03	1.10E-02	1.62E-03	1.16E+00	9.98E-02	6.34E+00	9.99E-01
2781 Residential	1.03E-02	1.66E-03	1.03E-02	1.65E-03	1.09E-02	1.78E-03	1.09E-02	1.78E-03	6.21E-04	1.14E-04	1.03E-02	1.66E-03	1.28E-02	2.18E-03	1.28E-02	2.18E-03	1.03E-02	1.66E-03	1.09E-02	1.78E-03	1.04E-02	1.68E-03	1.03E-02	1.66E-03	1.03E-02	1.67E-03	1.03E-02	1.66E-03	5.19E-01	1.00E-01	5.88E+00	1.01E+00
2782 Residential	9.13E-03	1.56E-03	9.10E-03	1.55E-03	9.64E-03	1.67E-03	9.64E-03	1.67E-03	6.44E-04	1.07E-04	9.10E-03	1.55E-03	1.13E-02	2.04E-03	1.13E-02	2.04E-03	9.13E-03	1.56E-03	9.64E-03	1.67E-03	9.19E-03	1.57E-03	9.12E-03	1.55E-03	9.16E-03	1.56E-03	9.14E-03	1.56E-03	8.64E-01	9.55E-02	5.19E+00	9.23E-01
2783 Residential	7.87E-03	1.58E-03	7.85E-03	1.58E-03	8.29E-03	1.70E-03	8.29E-03	1.70E-03	6.17E-04	1.11E-04	7.85E-03	1.58E-03	9.65E-03	2.08E-03	9.65E-03	2.08E-03	7.88E-03	1.58E-03	8.29E-03	1.70E-03	7.93E-03	1.60E-03	7.86E-03	1.58E-03	7.90E-03	1.59E-03	7.88E-03	1.58E-03	1.04E+00	1.29E-01	4.45E+00	9.74E-01
2784 Residential	5.80E-03	1.94E-03	5.77E-03	1.93E-03	6.30E-03	2.10E-03	6.30E-03	2.10E-03	6.72E-04	1.57E-04	5.78E-03	1.93E-03	7.90E-03	2.65E-03	7.90E-03	2.65E-03	5.81E-03	1.94E-03	6.30E-03	2.10E-03	5.87E-03	1.96E-03	5.79E-03	1.93E-03	5.83E-03	1.95E-03	5.81E-03	1.94E-03	5.77E-01	1.66E-01	3.45E+00	1.22E+00
2785 Residential	7.43E-03	1.83E-03	7.40E-03	1.82E-03	7.82E-03	1.97E-03	7.82E-03	1.97E-03	5.89E-04	1.37E-04	7.41E-03	1.82E-03	9.46E-03	2.44E-03	9.46E-03	2.44E-03	7.43E-03	1.83E-03	7.82E-03	1.97E-03	7.48E-03	1.84E-03	7.42E-03	1.82E-03	7.45E-03	1.84E-03	7.43E-03	1.83E-03	6.96E-01	1.30E-01	4.35E+00	1.08E+00
1 Gridded	4.57E-03	3.46E-04	4.55E-03	3.45E-04	4.83E-03	3.52E-04	4.83E-03	3.52E-04	2.47E-04	1.63E-05	4.56E-03	3.46E-04	5.68E-03	3.71E-04	5.68E-03	3.71E-04	4.57E-03	3.46E-04	4.83E-03	3.52E-04	4.60E-03	3.47E-04	4.56E-03	3.46E-04	4.59E-03	3.46E-04	4.57E-03	3.46E-04	8.71E-02	8.74E-03	2.51E+00	1.93E-01
2 Gridded	4.50E-03	3.52E-04	4.48E-03	3.51E-04	4.73E-03	3.56E-04	4.73E-03	3.56E-04	2.16E-04	1.58E-05	4.49E-03	3.51E-04	5.47E-03	3.71E-04	5.47E-03	3.71E-04	4.50E-03	3.52E-04	4.73E-03	3.56E-04	4.53E-03	3.52E-04	4.49E-03	3.51E-04	4.51E-03	3.52E-04	4.50E-03	3.52E-04	7.95E-02	9.30E-03	2.47E+00	1.96E-01
3 Gridded	3.45E-03	3.08E-04	3.44E-03	3.08E-04	3.61E-03	3.12E-04	3.61E-03	3.12E-04	1.50E-04	1.60E-05	3.44E-03	3.08E-04	4.13E-03	3.23E-04	4.13E-03	3.23E-04	3.45E-03	3.08E-04	3.61E-03	3.12E-04	3.47E-03	3.09E-04	3.45E-03	3.08E-04	3.46E-03	3.08E-04	3.45E-03	3.08E-04	6.30E-02	9.72E-03	1.90E+00	1.72E-01
4 Gridded	3.92E-03	2.77E-04	3.92E-03	2.75E-04	3.92E-03	2.96E-04	3.92E-03	2.96E-04	1.97E-04	1.80E-05	3.92E-03	2.76E-04	3.92E-03	3.58E-04	3.92E-03	3.58E-04	3.92E-03	2.77E-04	3.92E-03	2.96E-04	3.92E-03	2.79E-04	3.92E-03	2.76E-04	3.92E-03	2.78E-04	3.92E-03	2.77E-04	7.15E-02	1.16E-02	2.21E+00	1.60E-01
5 Gridded	3.69E-03	2.96E-04	3.69E-03	2.95E-04	3.69E-03	3.13E-04	3.69E-03	3.13E-04	2.33E-04	1.75E-05	3.69E-03	2.95E-04	3.76E-03	3.67E-04	3.76E-03	3.67E-04	3.69E-03	2.96E-04	3.69E-03	3.13E-04	3.69E-03	2.98E-04	3.69E-03	2.95E-04	3.69E-03	2.97E-04	3.69E-03	2.96E-04	9.02E-02	1.28E-02	2.03E+00	1.68E-01
6 Gridded	3.76E-03	2.94E-04	3.76E-03	2.93E-04	3.79E-03	3.09E-04	3.79E-03	3.09E-04	2.07E-04	1.52E-05	3.76E-03	2.94E-04	3.90E-03	3.57E-04	3.90E-03	3.57E-04	3.76E-03	2.94E-04	3.79E-03	3.09E-04	3.77E-03	2.96E-04	3.76E-03	2.94E-04	3.76E-03	2.95E-04	3.76E-03	2.95E-04	1.21E-01	1.20E-02	1.96E+00	1.64E-01
7 Gridded	3.78E-03	2.61E-04	3.78E-03	2.61E-04	3.81E-03	2.72E-04	3.81E-03	2.72E-04	1.47E-04	1.33E-05	3.78E-03	2.61E-04	3.93E-03	3.06E-04	3.93E-03	3.06E-04	3.78E-03	2.61E-04	3.81E-03	2.72E-04	3.78E-03	2.63E-04	3.78E-03	2.61E-04	3.78E-03	2.62E-04	3.78E-03	2.61E-04	1.35E-01	1.31E-02	1.96E+00	1.43E-01
8 Gridded	3.60E-03	2.28E-04	3.60E-03	2.28E-04	3.63E-03	2.38E-04	3.63E-03	2.38E-04	1.74E-04	1.44E-05	3.60E-03	2.28E-04	3.75E-03	2.70E-04	3.75E-03	2.70E-04	3.60E-03	2.28E-04	3.63E-03	2.38E-04	3.60E-03	2.30E-04	3.60E-03	2.28E-04	3.60E-03	2.29E-04	3.60E-03	2.28E-04	1.33E-01	1.69E-02	1.87E+00	1.20E-01
9 Gridded	3.16E-03	2.00E-04	3.15E-03	1.99E-04	3.19E-03	2.10E-04	3.19E-03	2.10E-04	2.38E-04	2.40E-05	3.16E-03	1.99E-04	3.31E-03	2.43E-04	3.31E-03	2.43E-04	3.16E-03	2.00E-04	3.19E-03	2.10E-04	3.16E-03	2.01E-04	3.16E-03	2.00E-04	3.16E-03	2.01E-04	3.16E-03	2.00E-04	8.70E-02	1.62E-02	1.64E+00	1.13E-01
10 Gridded	3.12E-03	2.40E-04	3.10E-03	2.38E-04	3.35E-03	2.59E-04	3.35E-03	2.59E-04	2.21E-04	2.88E-05	3.11E-03	2.39E-04	4.08E-03	3.33E-04	4.08E-03	3.33E-04	3.12E-03	2.40E-04	3.35E-03	2.59E-04	3.15E-03	2.42E-04	3.11E-03	2.39E-04	3.13E-03	2.41E-04	3.12E-03	2.40E-04	1.14E-01	1.25E-02	1.68E+00	1.42E-01
11 Gridded	4.27E-03	4.04E-04	4.26E-03	4.02E-04	4.37E-03	4.34E-04	4.37E-03	4.34E-04	2.22E-04	2.84E-05	4.26E-03	4.02E-04	4.69E-03	5.32E-04	4.69E-03	5.32E-04	4.27E-03	4.04E-04	4.37E-03	4.34E-04	4.28E-03	4.07E-04	4.26E-03	4.03E-04	4.27E-03	4.05E-04	4.27E-03	4.04E-04	1.19E-01	1.31E-02	2.25E+00	2.26E-01
12 Gridded	4.20E-03	5.36E-04	4.20E-03	5.34E-04	4.27E-03	5.65E-04	4.27E-03	5.65E-04	2.06E-04	2.78E-05	4.20E-03	5.34E-04	4.68E-03	6.61E-04	4.68E-03	6.61E-04	4.20E-03	5.36E-04	4.27E-03	5.65E-04	4.21E-03	5.39E-04	4.20E-03	5.35E-04	4.21E-03	5.38E-04	4.20E-03	5.36E-04	1.20E-01	1.27E-02	2.21E+00	2.86E-01
13 Gridded	4.23E-03	5.30E-04	4.21E-03	5.29E-04	4.48E-03	5.58E-04	4.48E-03	5.58E-04	2.39E-04	2.54E-05	4.21E-03	5.29E-04	5.31E-03	6.45E-04	5.31E-03	6.45E-04	4.23E-03	5.31E-04	4.48E-03	5.58E-04	4.26E-03	5.34E-04	4.22E-03	5.30E-04	4.24E-03	5.32E-04	4.23E-03	5.31E-04	1.26E-01	1.12E-02	2.47E+00	2.80E-01
14 Gridded	7.44E-03	5.14E-04	7.42E-03	5.13E-04	7.83E-03	5.33E-04	7.83E-03	5.33E-04	3.67E-04	1.99E-05	7.42E-03	5.13E-04	9.10E-03	5.95E-04	9.10E-03	5.95E-04	7.44E-03	5.14E-04	7.83E-03	5.33E-04	7.49E-03	5.16E-04	7.44E-03	5.13E-04	7.47E-03	5.15E-04	7.45E-03	5.14E-04	1.13E-01	1.03E-02	4.06E+00	2.71E-01
15 Gridded	6.54E-03	4.85E-04	6.52E-03	4.84E-04	6.85E-03	4.94E-04	6.85E-03	4.94E-04	2.91E-04	1.89E-05	6.52E-03	4.84E-04	7.86E-03	5.25E-04	7.86E-03	5.25E-04	6.54E-03	4.85E-04	6.85E-03	4.94E-04	6.58E-03	4.86E-04	6.53E-03	4.85E-04	6.56E-03	4.85E-04	6.54E-03	4.85E-04	1.11E-01	1.11E-02	3.48E+00	2.55E-01
16 Gridded	4.49E-03	3.94E-04	4.49E-03	3.92E-04	4.59E-03	4.22E-04	4.59E-03	4.22E-04	2.72E-04	2.64E-05	4.49E-03	3.92E-04	4.95E-03	5.13E-04	4.95E-03	5.13E-04	4.49E-03	3.94E-04	4.59E-03	4.22E-04	4.51E-03	3.97E-04	4.49E-03	3.93E-04	4.50E-03	3.95E-04	4.50E-03	3.94E-04	1.61E-01	1.25E-02	2.37E+00	2.10E-01
17 Gridded	4.28E-03	5.60E-04	4.26E-03	5.57E-04	4.59E-03	5.97E-04	4.59E-03	5.97E-04	2.86E-04	3.46E-05	4.27E-03	5.58E-04	5.57E-03	7.16E-04	5.57E-03	7.16E-04	4.28E-03	5.60E-04	4.59E-03	5.97E-04	4.32E-03	5.64E-04	4.28E-03	5.59E-04	4.30E-03	5.62E-04	4.29E-03	5.60E-04	1.22E-01	1.08E-02	2.26E+00	2.92E-01
18 Gridded	4.76E-03	7.06E-04	4.74E-03	7.04E-04	5.06E-03	7.44E-04	5.06E-03	7.44E-04	2.77E-04	3.57E-05	4.75E-03	7.04E-04	6.01E-03	8.67E-04	6.01E-03	8.67E-04	4.76E-03	7.06E-04	5.06E-03	7.44E-04	4.80E-03	7.11E-04	4.76E-03	7.05E-04	4.78E-03	7.08E-04	4.76E-03	7.07E-04	1.22E-01	8.11E-03	2.50E+00	3.69E-01
19 Gridded	6.13E-03	6.91E-04	6.11E-03	6.89E-04	6.43E-03	7.18E-04	6.43E-03	7.18E-04	2.75E-04	2.55E-05	6.12E-03	6.90E-04	7.37E-03	8.06E-04	7.37E-03	8.06E-04	6.13E-03	6.91E-04	6.43E-03	7.18E-04	6.17E-03	6.95E-04	6.13E-03	6.91E-04	6.15E-03	6.93E-04	6.14E-03	6.91E-04	1.16E-01	6.38E-03	3.22E+00	3.62E-01
20 Gridded	4.66E-03	3.98E-04	4.65E-03	3.97E-04	4.81E-03	4.09E-04	4.81E-03	4.09E-04	2.04E-04	1.54E-05	4.65E-03	3.97E-04	5.30E-03	4.46E-04	5.30E-03	4.46E-04	4.66E-03	3.98E-04	4.81E-03	4.09E-04	4.68E-03	3.99E-04	4.65E-03	3.97E-04	4.67E-03	3.98E-04	4.66E-03	3.98E-04	9.81E-02	7.01E-03	2.50E+00	2.08E-01
21 Gridded	3.73E-03	2.33E-04	3.73E-03	2.32E-04	3.73E-03	2.44E-04	3.73E-03	2.44E-04	2.37E-04	1.50E-05	3.73E-03	2.33E-04	3.78E-03	2.80E-04	3.78E-03	2.80E-04	3.73E-03	2.33E-04	3.73E-03	2.44E-04	3.73E-03	2.35E-04	3.73E-03	2.33E-04	3.73E-03	2.34E-04	3.73E-03	2.33E-04	1.04E-01	7.84E-03	2.15E+00	1.30E-01
22 Gridded	5.12E-03	3.25E-04	5.10E-03	3.24E-04	5.42E-03	3.44E-04	5.42E-03	3.44E-04	2.86E-04	1.78E-05	5.10E-03	3.24E-04	6.41E-03	4.05E-04	6.41E-03	4.05E-04	5.12E-03	3.25E-04	5.42E-03	3.44E-04	5.15E-03	3.28E-04	5.11E-03	3.25E-04	5.13E-03	3.26E-04	5.12E-03	3.26E-04	1.06E-01	7.44E-03	2.82E+00	1.81E-01
23 Gridded	5.17E-03	3.42E-04	5.15E-03	3.41E-04	5.41E-03	3.59E-04	5.41E-03	3.59E-04	2.27E-04	1.62E-05	5.15E-03	3.41E-04	6.19E-03	4.15E-04	6.19E-03	4.15E-04	5.17E-03	3.42E-04	5.41E-03	3.59E-04	5.20E-03	3.44E-04	5.16E-03	3.41E-04	5.18E-03	3.43E-04	5.17E-03	3.42E-04	1.02E-01	7.03E-03	2.84E+00	1.91E-01
24 Gridded	3.13E-03	2.75E-04	3.12E-03	2.74E-04	3.27E-03	2.90E-04	3.27E-03	2.90E-04	1.57E-04	1.38E-05	3.12E-03	2.75E-04	3.72E-03	3.38E-04	3.72E-03	3.38E-04	3.13E-03	2.75E-04	3.27E-03	2.90E-04	3.15E-03	2.77E-04	3.13E-03	2.75E-04	3.14E-03	2.76E-04	3.13E-03	2.76E-04	9.12E-02	6.26E-03	1.73E+00	1.57E-01
25 Gridded	3.21E-03	2.69E-04	3.19E-03	2.68E-04	3.42E-03	2.84E-04	3.42E-03	2.84E-04	2.00E-04	1.51E-05	3.20E-03	2.68E-04	4.11E-03	3.31E-04	4.11E-03	3.31E-04	3.21E-03	2.69E-04	3.42E-03	2.84E-04	3.23E-03	2.71E-04	3.20E-03	2.68E-04	3.22E-03	2.70E-04	3.21E-03	2.69E-04	8.32E-02	9.07E-03	1.84E+00	1.44E-01
26 Gridded	3.13E-03	2.82E-04	3.13E-03	2.81E-04	3.15E-03	3.01E-04	3.15E-03	3.01E-04	1.60E-04	1.80E-05	3.13E-03	2.81E-04	3.69E-03	3.63E-04	3.69E-03	3.63E-04	3.13E-03	2.82E-04	3.15E-03	3.01E-04	3.13E-03	2.84E-04	3.13E-03	2.82E-04	3.13E-03	2.83E-04	3.13E-03	2.82E-04	1.03E-01	1.01E-02	1.76E+00	1.67E-01
27 Gridded	3.44E-03	3.02E-04	3.43E-03	3.01E-04	3.59E-03	3.19E-04	3.59E-03	3.19E-04	2.26E-04	1.84E-05	3.43E-03	3.01E-04	4.08E-03	3.75E-04	4.08E-03	3.75E-04	3.44E-03	3.02E-04	3.59E-03	3.19E-04	3.46E-03	3.04E-04	3.43E-03	3.02E-04	3.45E-03	3.03E-04	3.44E-03	3.02E-04	9.91E-02	1.07E-02	1.96E+00	1.75E-01
28 Gridded	3.72E-03	3.49E-04	3.71E-03	3.47E-04	3.92E-03	3.72E-04	3.92E-03	3.72E-04	2.03E-04	2.20E-05	3.71E-03	3.48E-04	4.57E-03	4.48E-04	4.57E-03	4.48E-04	3.72E-03	3.49E-04	3.92E-03	3.72E-04	3.75E-03	3.52E-04	3.72E-03	3.48E-04	3.74E-03	3.50E-04	3.73E-03	3.49E-04	7.98E-02	9.51E-03	2.09E+00	1.99E-01
29 Gridded	2.49E-03	3.05E-04	2.49E-03	3.04E-04	2.59E-03	3.22E-04	2.59E-03	3.22E-04	1.56E-04	1.55E-05	2.49E-03	3.04E-04	2.92E-03	3.75E-04	2.92E-03	3.75E-04	2.49E-03	3.05E-04	2.59E-03	3.22E-04	2.51E-03	3.07E-04	2.49E-03	3.05E-04	2.50E-03	3.06E-04	2.49E-03	3.05E-04	7.17E-02	6.89E-03	1.33E+00	1.72E-01
30 Gridded	1.96E-03	1.89E-04	1.95E-03	1.88E-04	2.02E-03	2.01E-04	2.02E-03	2.01E-04	1.70E-04	1.15E-05	1.95E-03	1.88E-04	2.21E-03	2.41E-04	2.21E-03	2.41E-04	1.96E-03	1.89E-04	2.02E-03	2.01E-04	1.96E-03	1.90E-04	1.96E-03	1.88E-04	1.96E-03	1.89E-04	1.96E-03	1.89E-04	5.11E-02	6.78E-03	1.11E+00	1.07E-01
31 Gridded	2.12E-03	2.07E-04	2.11E-03	2.06E-04	2.18E-03	2.19E-04	2.18E-03	2.19E-04	1.93E-04	1.10E-05	2.11E-03	2.07E-04	2.50E-03	2.57E-04	2.50E-03	2.57E-04	2.12E-03	2.07E-04	2.18E-03	2.19E-04	2.12E-03	2.09E-04	2.12E-03	2.07E-04	2.12E-03	2.08E-04	2.12E-03	2.07E-04	7.88E-02	7.00E-03	1.21E+00	1.22E-01
32 Gridded	2.36E-03	2.42E-04	2.36E-03	2.41E-04	2.38E-03	2.53E-04	2.38E-03	2.53E-04	1.93E-04	1.41E-05	2.36E-03	2.41E-04	2.45E-03	2.92E-04	2.45E-03	2.92E-04	2.36E-03	2.42E-04	2.38E-03	2.53E-04	2.37E-03	2.43E-04	2.36E-03	2.41E-04	2.37E-03	2.42E-04	2.36E-03	2.42E-04	8.87E-02	6.20E-03	1.37E+00	1.39E-01
33 Gridded	2.65E-03	2.83E-04	2.64E-03	2.82E-04	2.70E-03	2.99E-04	2.70E-03	2.99E-04	1.80E-04	1.50E-05	2.64E-03	2.82E-04	2.88E-03	3.50E-04	2.88E-03	3.50E-04	2.65E-03	2.83E-04	2.70E-03	2.99E-04	2.65E-03	2.85E-04	2.65E-03	2.82E-04	2.65E-03	2.84E-04	2.65E-03	2.83E-04	5.99E-02	5.99E-03	1.53E+00	1.55E-01
34 Gridded	2.25E-03	2.66E-04	2.24E-03	2.65E-04	2.35E-03	2.79E-04	2.35E-03	2.79E-04	1.66E-04	1.27E-05	2.24E-03	2.65E-04	2.67E-03	3.23E-04	2.67E-03	3.23E-04	2.25E-03	2.66E-04	2.35E-03	2.79E-04	2.26E-03	2.67E-04	2.24E-03	2.65E-04	2.25E-03	2.66E-04	2.25E-03	2.66E-04	5.12E-02	6.00E-03	1.29E+00	1.43E-01
35 Gridded	1.98E-03	2.01E-04	1.98E-03	2.01E-04	2.03E-03	2.12E-04	2.03E-03	2.12E-04	1.51E-04	1.04E-05	1.98E-03	2.01E-04	2.30E-03	2.44E-04	2.30E-03	2.44E-04	1.98E-03	2.01E-04	2.03E-03	2.12E-04	1.99E-03	2.03E-04	1.98E-03	2.01E-04	1.99E-03	2.02E-04	1.99E-03	2.02E-04	7.53E-02	6.23E-03	1.15E+00	1.08E-01
36 Gridded	2.46E-03	1.76E-04	2.45E-03	1.76E-04	2.60E-03	1.88E-04	2.60E-03	1.88E-04	1.67E-04	1.10E-05	2.45E-03	1.76E-04	3.17E-03	2.26E-04	3.17E-03	2.26E-04	2.46E-03	1.76E-04	2.60E-03	1.88E-04	2.47E-03	1.78E-04	2.46E-03	1.76E-04	2.46E-03	1.77E-04	2.46E-03	1.77E-04	8.95E-02	6.83E-03	1.42E+00	9.99E-02
37 Gridded	3.14E-03	2.20E-04	3.13E-03	2.19E-04	3.32E-03	2.33E-04	3.32E-03	2.33E-04	1.63E-04	1.26E-05	3.13E-03	2.19E-04	3.88E-03	2.77E-04	3.88E-03	2.77E-04	3.14E-03	2.20E-04	3.32E-03	2.33E-04	3.16E-03	2.21E-04	3.14E-03	2.20E-04	3.15E-03	2.21E-04	3.14E-03	2.20E-04	7.80E-02	7.65E-03	1.67E+00	1.25E-01
38 Gridded	2.46E-03	2.40E-04	2.45E-03	2.39E-04	2.61E-03	2.53E-04	2.61E-03	2.53E-04	1.40E-04	1.39E-05	2.46E-03	2.39E-04	3.08E-03	2.96E-04	3.08E-03	2.96E-04	2.46E-03	2.40E-04	2.61E-03	2.53E-04	2.48E-03	2.41E-04	2.46E-03	2.39E-04	2.47E-03	2.40E-04	2.46E-03	2.40E-04	7.69E-02	8.34E-03	1.39E+00	1.36E-01
39 Gridded	3.09E-03	2.53E-04	3.08E-03	2.52E-04	3.26E-03	2.68E-04	3.26E-03	2.68E-04	1.93E-04	1.87E-05	3.08E-03	2.52E-04	3.81E-03	3.16E-04	3.81E-03	3.16E-04	3.09E-03	2.53E-04	3.26E-03	2.68E-04	3.11E-03	2.55E-04	3.09E-03	2.53E-04	3.10E-03	2.54E-04	3.09E-03	2.53E-04	7.93E-02	8.49E-03	1.72E+00	1.42E-01
40 Gridded	2.94E-03	3.01E-04	2.93E-03	2.99E-04	3.10E-03	3.18E-04	3.10E-03	3.18E-04	2.29E-04	2.60E-05	2.93E-03	3.00E-04	3.62E-03	3.73E-04	3.62E-03	3.73E-04	2.94E-03	3.01E-04	3.10E-03	3.18E-04	2.96E-03	3.03E-04	2.94E-03	3.00E-04	2.95E-03	3.02E-04	2.95E-03	3.01E-04	6.78E-02	7.55E-03	1.60E+00	1.67E-01
41 Gridded	2.46E-03	3.12E-04	2.45E-03	3.11E-04	2.58E-03	3.29E-04	2.58E-03	3.29E-04	2.24E-04	3.17E-05	2.45E-03	3.11E-04	2.98E-03	3.91E-04	2.98E-03	3.91E-04	2.46E-03	3.12E-04	2.58E-03	3.29E-04	2.47E-03	3.14E-04	2.46E-03	3.12E-04	2.47E-03	3.13E-04	2.46E-03	3.12E-04	4.92E-02	6.28E-03	1.32E+00	1.71E-01
42 Gridded	3.79E-03	3.01E-04	3.78E-03	2.99E-04	3.94E-03	3.32E-04	3.94E-03	3.32E-04	2.55E-04	2.91E-05	3.78E-03	2.99E-04	4.44E-03	4.32E-04	4.44E-03	4.32E-04	3.79E-03	3.01E-04	3.94E-03	3.32E-04	3.81E-03	3.05E-04	3.78E-03	3.00E-04	3.80E-03	3.03E-04	3.79E-03	3.01E-04	6.87E-02	5.79E-03	2.13E+00	1.60E-01
43 Gridded	4.03E-03	2.70E-04	4.02E-03	2.68E-04	4.18E-03	2.89E-04	4.18E-03	2.89E-04	1.87E-04	1.85E-05	4.02E-03	2.69E-04	4.70E-03	3.53E-04	4.70E-03	3.53E-04	4.03E-03	2.70E-04	4.18E-03	2.89E-04	4.05E-03	2.72E-04	4.02E-03	2.69E-04	4.04E-03	2.71E-04	4.03E-03	2.70E-04	7.51E-02	7.41E-03	2.27E+00	1.43E-01
44 Gridded	2.66E-03	2.55E-04	2.65E-03	2.54E-04	2.77E-03	2.67E-04	2.77E-03	2.67E-04	1.33E-04	1.34E-05	2.65E-03	2.54E-04	3.22E-03	3.07E-04	3.22E-03	3.07E-04	2.66E-03	2.55E-04	2.77E-03	2.67E-04	2.67E-03	2.57E-04	2.65E-03	2.55E-04	2.66E-03	2.56E-04	2.66E-03	2.55E-04	5.99E-02	7.38E-03	1.51E+00	1.38E-01
45 Gridded	3.51E-03	2.92E-04	3.49E-03	2.91E-04	3.68E-03	3.05E-04	3.68E-03	3.05E-04	1.67E-04	1.28E-05	3.50E-03	2.91E-04	4.26E-03	3.47E-04	4.26E-03	3.47E-04	3.51E-03	2.92E-04	3.68E-03	3.05E-04	3.53E-03	2.93E-04	3.50E-03	2.92E-04	3.52E-03	2.93E-04	3.51E-03	2.92E-04	5.86E-02	6.22E-03	1.94E+00	1.59E-01
46 Gridded	3.40E-03	3.18E-04	3.39E-03	3.17E-04	3.53E-03	3.32E-04	3.53E-03	3.32E-04	1.72E-04	1.34E-05	3.39E-03	3.17E-04	3.97E-03	3.78E-04	3.97E-03	3.78E-04	3.40E-03	3.18E-04	3.53E-03	3.32E-04	3.42E-03	3.20E-04	3.40E-03	3.17E-04	3.41E-03	3.19E-04	3.40E-03	3.18E-04	6.88E-02	6.06E-03	1.84E+00	1.75E-01
47 Gridded	3.86E-03	2.98E-04	3.85E-03	2.97E-04	4.03E-03	3.12E-04	4.03E-03	3.12E-04	1.61E-04	1.41E-05	3.85E-03	2.97E-04	4.59E-03	3.60E-04	4.59E-03	3.60E-04	3.86E-03	2.98E-04	4.03E-03	3.12E-04	3.88E-03	3.00E-04	3.86E-03	2.97E-04	3.87E-03	2.99E-04	3.86E-03	2.98E-04	6.27E-02	6.85E-03	2.14E+00	1.66E-01
48 Gridded	3.31E-03	2.97E-04	3.31E-03	2.96E-04	3.31E-03	3.14E-04	3.31E-03	3.14E-04	1.32E-04	1.62E-05	3.31E-03	2.96E-04	3.66E-03	3.68E-04	3.66E-03	3.68E-04	3.31E-03	2.97E-04	3.31E-03	3.14E-04	3.31E-03	2.99E-04	3.31E-03	2.97E-04	3.31E-03	2.98E-04	3.31E-03	2.97E-04	5.41E-02	8.25E-03	1.74E+00	1.70E-01
49 Gridded	3.06E-03	3.40E-04	3.06E-03	3.39E-04	3.06E-03	3.61E-04	3.06E-03	3.61E-04	1.36E-04	1.93E-05	3.06E-03	3.39E-04	3.16E-03	4.27E-04	3.16E-03	4.27E-04	3.06E-03	3.40E-04	3.06E-03	3.61E-04	3.06E-03	3.43E-04	3.06E-03	3.40E-04	3.06E-03	3.42E-04	3.06E-03	3.41E-04	6.37E-02	9.66E-03	1.54E+00	1.94E-01
50 Gridded	3.02E-03	3.73E-04	3.02E-03	3.71E-04	3.02E-03	3.95E-04	3.02E-03	3.95E-04	1.68E-04	2.12E-05	3.02E-03	3.72E-04	3.51E-03	4.69E-04	3.51E-03	4.69E-04	3.02E-03	3.73E-04	3.02E-03	3.95E-04	3.02E-03	3.76E-04	3.02E-03	3.72E-04	3.02E-03	3.74E-04	3.02E-03	3.73E-04	6.86E-02	1.05E-02	1.62E+00	2.14E-01
51 Gridded	5.21E-03	3.96E-04	5.21E-03	3.96E-04	5.21E-03	4.03E-04	5.21E-03	4.03E-04	1.73E-04	2.50E-05	5.21E-03	3.96E-04	5.21E-03	4.90E-04	5.21E-03	4.90E-04	5.21E-03	3.96E-04	5.21E-03	4.03E-04	5.21E-03	3.96E-04	5.21E-03	3.96E-04	5.21E-03	3.96E-04	5.21E-03	3.96E-04	6.78E-02	1.15E-02	2.75E+00	2.18E-01
52 Gridded	3.66E-03	3.15E-04	3.65E-03	3.15E-04	3.90E-03	3.23E-04	3.90E-03	3.23E-04	2.22E-04	1.66E-05	3.65E-03	3.15E-04	4.67E-03	3.46E-04	4.67E-03	3.46E-04	3.66E-03	3.16E-04	3.90E-03	3.23E-04	3.69E-03	3.16E-04	3.66E-03	3.15E-04	3.68E-03	3.16E-04	3.67E-03	3.16E-04	8.20E-02	8.26E-03	2.04E+00	1.77E-01
53 Gridded	4.35E-03	3.36E-04	4.34E-03	3.36E-04	4.60E-03	3.42E-04	4.60E-03	3.42E-04	2.30E-04	1.63E-05	4.34E-03	3.36E-04	5.39E-03	3.61E-04	5.39E-03	3.61E-04	4.35E-03	3.36E-04	4.60E-03	3.42E-04	4.38E-03	3.37E-04	4.35E-03	3.36E-04	4.37E-03	3.37E-04	4.36E-03	3.36E-04	8.53E-02	9.08E-03	2.40E+00	1.88E-01
54 Gridded	3.95E-03	3.32E-04	3.93E-03	3.32E-04	4.14E-03	3.37E-04	4.14E-03	3.37E-04	1.87E-04	1.62E-05	3.94E-03	3.32E-04	4.79E-03	3.52E-04	4.79E-03	3.52E-04	3.95E-03	3.32E-04	4.14E-03	3.37E-04	3.97E-03	3.33E-04	3.94E-03	3.32E-04	3.96E-03	3.32E-04	3.95E-03	3.32E-04	7.44E-02	9.75E-03	2.17E+00	1.86E-01
55 Gridded	3.46E-03	3.07E-04	3.46E-03	3.07E-04	3.46E-03	3.11E-04	3.46E-03	3.11E-04	1.79E-04	1.82E-05	3.46E-03	3.07E-04	3.80E-03	3.64E-04	3.80E-03	3.64E-04	3.46E-03	3.07E-04	3.46E-03	3.11E-04	3.46E-03	3.08E-04	3.46E-03	3.07E-04	3.46E-03	3.07E-04	3.46E-03	3.07E-04	6.98E-02	1.11E-02	2.02E+00	1.71E-01
56 Gridded	4.02E-03	2.90E-04	4.02E-03	2.88E-04	4.02E-03	3.10E-04	4.02E-03	3.10E-04	2.24E-04	1.90E-05	4.02E-03	2.89E-04	4.02E-03	3.75E-04	4.02E-03	3.75E-04	4.02E-03	2.90E-04	4.02E-03	3.10E-04	4.02E-03	2.92E-04	4.02E-03	2.89E-04	4.02E-03	2.91E-04	4.02E-03	2.90E-04	8.17E-02	1.32E-02	2.27E+00	1.69E-01
57 Gridded	4.23E-03	3.05E-04	4.22E-03	3.04E-04	4.26E-03	3.22E-04	4.26E-03	3.22E-04	2.32E-04	1.77E-05	4.22E-03	3.04E-04	4.38E-03	3.77E-04	4.38E-03	3.77E-04	4.23E-03	3.05E-04	4.26E-03	3.22E-04	4.23E-03	3.07E-04	4.23E-03	3.05E-04	4.23E-03	3.06E-04	4.23E-03	3.05E-04	1.06E-01	1.37E-02	2.21E+00	1.73E-01
58 Gridded	4.19E-03	2.88E-04	4.19E-03	2.87E-04	4.23E-03	3.02E-04	4.23E-03	3.02E-04	1.82E-04	1.48E-05	4.19E-03	2.87E-04	4.35E-03	3.47E-04	4.35E-03	3.47E-04	4.19E-03	2.88E-04	4.23E-03	3.02E-04	4.19E-03	2.90E-04	4.19E-03	2.88E-04	4.19E-03	2.89E-04	4.19E-03	2.88E-04	1.31E-01	1.22E-02	2.18E+00	1.60E-01
59 Gridded	4.11E-03	2.50E-04	4.11E-03	2.49E-04	4.16E-03	2.59E-04	4.16E-03	2.59E-04	1.37E-04	1.34E-05	4.11E-03	2.49E-04	4.29E-03	2.95E-04	4.29E-03	2.95E-04	4.11E-03	2.50E-04	4.16E-03	2.59E-04	4.12E-03	2.51E-04	4.11E-03	2.50E-04	4.12E-03	2.51E-04	4.11E-03	2.50E-04	1.40E-01	1.49E-02	2.14E+00	1.37E-01
60 Gridded	3.71E-03	2.15E-04	3.71E-03	2.14E-04	3.76E-03	2.23E-04	3.76E-03	2.23E-04	2.04E-04	1.82E-05	3.71E-03	2.14E-04	3.90E-03	2.54E-04	3.90E-03	2.54E-04	3.71E-03	2.15E-04	3.76E-03	2.23E-04	3.72E-03	2.16E-04	3.71E-03	2.14E-04	3.72E-03	2.15E-04	3.71E-03	2.15E-04	1.19E-01	1.72E-02	1.94E+00	1.13E-01
61 Gridded	3.52E-03	2.13E-04	3.52E-03	2.12E-04	3.57E-03	2.23E-04	3.57E-03	2.23E-04	2.45E-04	2.83E-05	3.52E-03	2.13E-04	3.87E-03	2.88E-04	3.87E-03	2.88E-04	3.52E-03	2.13E-04	3.57E-03	2.23E-04	3.53E-03	2.14E-04	3.52E-03	2.13E-04	3.53E-03	2.14E-04	3.52E-03	2.13E-04	1.04E-01	1.52E-02	1.83E+00	1.24E-01
62 Gridded	4.18E-03	3.34E-04	4.16E-03	3.32E-04	4.40E-03	3.69E-04	4.40E-03	3.69E-04	2.41E-04	3.24E-05	4.17E-03	3.32E-04	5.14E-03	4.80E-04	5.14E-03	4.80E-04	4.18E-03	3.34E-04	4.40E-03	3.69E-04	4.21E-03	3.39E-04	4.17E-03	3.34E-04	4.19E-03	3.36E-04	4.18E-03	3.35E-04	1.33E-01	1.43E-02	2.23E+00	1.98E-01
63 Gridded	4.97E-03	5.50E-04	4.96E-03	5.48E-04	5.03E-03	5.83E-04	5.03E-03	5.83E-04	2.41E-04	3.16E-05	4.96E-03	5.48E-04	5.24E-03	6.92E-04	5.24E-03	6.92E-04	4.97E-03	5.50E-04	5.03E-03	5.83E-04	4.98E-03	5.54E-04	4.97E-03	5.49E-04	4.97E-03	5.52E-04	4.97E-03	5.50E-04	1.19E-01	1.44E-02	2.61E+00	2.98E-01
64 Gridded	4.01E-03	5.71E-04	4.00E-03	5.69E-04	4.14E-03	6.01E-04	4.14E-03	6.01E-04	2.13E-04	2.84E-05	4.01E-03	5.69E-04	4.55E-03	6.99E-04	4.55E-03	6.99E-04	4.01E-03	5.71E-04	4.14E-03	6.01E-04	4.03E-03	5.75E-04	4.01E-03	5.70E-04	4.02E-03	5.73E-04	4.01E-03	5.72E-04	1.36E-01	1.31E-02	2.11E+00	3.03E-01
65 Gridded	6.78E-03	5.29E-04	6.75E-03	5.27E-04	7.15E-03	5.52E-04	7.15E-03	5.52E-04	3.50E-04	2.19E-05	6.76E-03	5.27E-04	8.36E-03	6.27E-04	8.36E-03	6.27E-04	6.78E-03	5.29E-04	7.15E-03	5.52E-04	6.82E-03	5.32E-04	6.77E-03	5.28E-04	6.80E-03	5.30E-04	6.78E-03	5.29E-04	1.24E-01	1.10E-02	3.77E+00	2.79E-01
66 Gridded	7.55E-03	5.53E-04	7.52E-03	5.52E-04	7.91E-03	5.67E-04	7.91E-03	5.67E-04	3.42E-04	1.97E-05	7.53E-03	5.52E-04	9.09E-03	6.11E-04	9.09E-03	6.11E-04	7.55E-03	5.53E-04	7.91E-03	5.67E-04	7.59E-03	5.55E-04	7.54E-03	5.53E-04	7.57E-03	5.54E-04	7.55E-03	5.53E-04	1.14E-01	1.12E-02	4.04E+00	2.92E-01
67 Gridded	4.48E-03	3.90E-04	4.47E-03	3.90E-04	4.61E-03	4.12E-04	4.61E-03	4.12E-04	2.75E-04	2.65E-05	4.47E-03	3.90E-04	5.15E-03	5.03E-04	5.15E-03	5.03E-04	4.48E-03	3.90E-04	4.61E-03	4.12E-04	4.49E-03	3.91E-04	4.47E-03	3.90E-04	4.48E-03	3.91E-04	4.48E-03	3.91E-04	1.51E-01	1.34E-02	2.36E+00	2.06E-01
68 Gridded	3.39E-03	4.91E-04	3.37E-03	4.89E-04	3.67E-03	5.26E-04	3.67E-03	5.26E-04	2.63E-04	3.30E-05	3.38E-03	4.89E-04	4.58E-03	6.40E-04	4.58E-03	6.40E-04	3.39E-03	4.91E-04	3.67E-03	5.26E-04	3.43E-03	4.96E-04	3.39E-03	4.90E-04	3.41E-03	4.93E-04	3.40E-03	4.92E-04	1.27E-01	1.19E-02	1.79E+00	2.57E-01
69 Gridded	4.50E-03	6.83E-04	4.49E-03	6.81E-04	4.65E-03	7.23E-04	4.65E-03	7.23E-04	2.80E-04	3.69E-05	4.49E-03	6.81E-04	5.57E-03	8.50E-04	5.57E-03	8.50E-04	4.50E-03	6.83E-04	4.65E-03	7.23E-04	4.52E-03	6.88E-04	4.50E-03	6.82E-04	4.51E-03	6.86E-04	4.50E-03	6.84E-04	1.18E-01	8.90E-03	2.37E+00	3.58E-01
70 Gridded	6.15E-03	7.25E-04	6.13E-03	7.24E-04	6.45E-03	7.54E-04	6.45E-03	7.54E-04	2.82E-04	2.70E-05	6.14E-03	7.24E-04	7.42E-03	8.47E-04	7.42E-03	8.47E-04	6.15E-03	7.26E-04	6.45E-03	7.54E-04	6.19E-03	7.29E-04	6.15E-03	7.25E-04	6.17E-03	7.27E-04	6.16E-03	7.26E-04	1.16E-01	6.77E-03	3.23E+00	3.80E-01
71 Gridded	4.69E-03	4.16E-04	4.68E-03	4.15E-04	4.85E-03	4.27E-04	4.85E-03	4.27E-04	2.09E-04	1.59E-05	4.69E-03	4.15E-04	5.34E-03	4.64E-04	5.34E-03	4.64E-04	4.69E-03	4.16E-04	4.85E-03	4.27E-04	4.71E-03	4.17E-04	4.69E-03	4.16E-04	4.70E-03	4.16E-04	4.70E-03	4.16E-04	9.78E-02	7.41E-03	2.52E+00	2.18E-01
72 Gridded	3.78E-03	2.33E-04	3.78E-03	2.32E-04	3.78E-03	2.44E-04	3.78E-03	2.44E-04	2.43E-04	1.61E-05	3.78E-03	2.32E-04	3.89E-03	2.81E-04	3.89E-03	2.81E-04	3.78E-03	2.33E-04	3.78E-03	2.44E-04	3.78E-03	2.34E-04	3.78E-03	2.33E-04	3.78E-03	2.34E-04	3.78E-03	2.33E-04	1.03E-01	8.03E-03	2.18E+00	1.30E-01
73 Gridded	5.31E-03	3.48E-04	5.29E-03	3.47E-04	5.63E-03	3.68E-04	5.63E-03	3.68E-04	2.93E-04	1.85E-05	5.30E-03	3.47E-04	6.64E-03	4.32E-04	6.64E-03	4.32E-04	5.32E-03	3.48E-04	5.63E-03	3.68E-04	5.35E-03	3.51E-04	5.31E-03	3.48E-04	5.33E-03	3.49E-04	5.32E-03	3.48E-04	1.14E-01	7.71E-03	2.94E+00	1.94E-01
74 Gridded	5.37E-03	3.59E-04	5.35E-03	3.58E-04	5.62E-03	3.77E-04	5.62E-03	3.77E-04	2.38E-04	1.70E-05	5.36E-03	3.58E-04	6.44E-03	4.35E-04	6.44E-03	4.35E-04	5.37E-03	3.59E-04	5.62E-03	3.77E-04	5.40E-03	3.61E-04	5.36E-03	3.58E-04	5.39E-03	3.60E-04	5.37E-03	3.59E-04	1.15E-01	7.48E-03	2.96E+00	2.02E-01
75 Gridded	3.13E-03	2.78E-04	3.12E-03	2.77E-04	3.28E-03	2.93E-04	3.28E-03	2.93E-04	1.68E-04	1.43E-05	3.13E-03	2.77E-04	3.74E-03	3.42E-04	3.74E-03	3.42E-04	3.13E-03	2.78E-04	3.28E-03	2.93E-04	3.15E-03	2.80E-04	3.13E-03	2.78E-04	3.14E-03	2.79E-04	3.14E-03	2.78E-04	9.69E-02	6.59E-03	1.74E+00	1.59E-01
76 Gridded	3.30E-03	2.74E-04	3.29E-03	2.73E-04	3.52E-03	2.90E-04	3.52E-03	2.90E-04	2.04E-04	1.56E-05	3.29E-03	2.74E-04	4.22E-03	3.39E-04	4.22E-03	3.39E-04	3.30E-03	2.74E-04	3.52E-03	2.90E-04	3.33E-03	2.76E-04	3.30E-03	2.74E-04	3.31E-03	2.75E-04	3.30E-03	2.75E-04	8.59E-02	9.48E-03	1.89E+00	1.48E-01
77 Gridded	3.09E-03	2.89E-04	3.08E-03	2.88E-04	3.18E-03	3.08E-04	3.18E-03	3.08E-04	1.62E-04	1.83E-05	3.08E-03	2.88E-04	3.72E-03	3.72E-04	3.72E-03	3.72E-04	3.09E-03	2.89E-04	3.18E-03	3.08E-04	3.09E-03	2.91E-04	3.08E-03	2.89E-04	3.09E-03	2.90E-04	3.09E-03	2.89E-04	1.11E-01	1.06E-02	1.73E+00	1.71E-01
78 Gridded	3.71E-03	3.21E-04	3.70E-03	3.20E-04	3.88E-03	3.39E-04	3.88E-03	3.39E-04	2.42E-04	2.06E-05	3.70E-03	3.20E-04	4.44E-03	4.01E-04	4.44E-03	4.01E-04	3.71E-03	3.21E-04	3.88E-03	3.39E-04	3.73E-03	3.23E-04	3.71E-03	3.21E-04	3.72E-03	3.22E-04	3.71E-03	3.21E-04	1.00E-01	1.14E-02	2.11E+00	1.86E-01

Scenario 2 Results

79	Gridded	3.85E-03	3.73E-04	3.84E-03	3.71E-04	4.07E-03	3.97E-04	4.07E-03	3.97E-04	2.04E-04	2.33E-05	3.84E-03	3.71E-04	4.76E-03	4.78E-04	4.76E-03	4.78E-04	3.85E-03	3.73E-04	4.07E-03	3.97E-04	3.88E-03	3.76E-04	3.85E-03	3.72E-04	3.87E-03	3.74E-04	3.86E-03	3.73E-04	8.36E-02	9.79E-03	2.17E+00	2.13E-01
80	Gridded	2.43E-03	3.13E-04	2.43E-03	3.12E-04	2.57E-03	3.29E-04	2.57E-03	3.29E-04	1.88E-04	1.54E-05	2.43E-03	3.12E-04	3.03E-03	3.82E-04	3.03E-03	3.82E-04	2.43E-03	3.13E-04	2.57E-03	3.29E-04	2.45E-03	3.15E-04	2.43E-03	3.12E-04	2.44E-03	3.14E-04	2.44E-03	3.13E-04	7.59E-02	7.35E-03	1.32E+00	1.77E-01
81	Gridded	2.13E-03	1.99E-04	2.12E-03	1.98E-04	2.19E-03	2.12E-04	2.19E-03	2.12E-04	1.81E-04	1.21E-05	2.12E-03	1.98E-04	2.39E-03	2.54E-04	2.39E-03	2.54E-04	2.13E-03	1.99E-04	2.19E-03	2.12E-04	2.13E-03	2.01E-04	2.13E-03	1.99E-04	2.13E-03	2.00E-04	2.13E-03	1.99E-04	5.63E-02	7.45E-03	1.21E+00	1.13E-01
82	Gridded	2.15E-03	2.31E-04	2.14E-03	2.30E-04	2.22E-03	2.44E-04	2.22E-03	2.44E-04	1.80E-04	1.16E-05	2.15E-03	2.31E-04	2.56E-03	2.83E-04	2.56E-03	2.83E-04	2.15E-03	2.31E-04	2.22E-03	2.44E-04	2.16E-03	2.33E-04	2.15E-03	2.31E-04	2.15E-03	2.32E-04	2.15E-03	2.31E-04	9.14E-02	7.39E-03	1.23E+00	1.36E-01
83	Gridded	2.59E-03	2.66E-04	2.58E-03	2.65E-04	2.61E-03	2.79E-04	2.61E-03	2.79E-04	1.67E-04	1.57E-05	2.58E-03	2.66E-04	2.69E-03	3.32E-04	2.69E-03	3.32E-04	2.59E-03	2.66E-04	2.61E-03	2.79E-04	2.59E-03	2.68E-04	2.58E-03	2.66E-04	2.59E-03	2.67E-04	2.59E-03	2.66E-04	8.95E-02	6.46E-03	1.50E+00	1.53E-01
84	Gridded	2.81E-03	3.09E-04	2.81E-03	3.07E-04	2.88E-03	3.25E-04	2.88E-03	3.25E-04	1.50E-04	1.56E-05	2.81E-03	3.08E-04	3.10E-03	3.79E-04	3.10E-03	3.79E-04	2.81E-03	3.09E-04	2.88E-03	3.25E-04	2.82E-03	3.11E-04	2.81E-03	3.08E-04	2.82E-03	3.10E-04	2.82E-03	3.09E-04	6.22E-02	6.52E-03	1.62E+00	1.70E-01
85	Gridded	2.18E-03	2.59E-04	2.17E-03	2.58E-04	2.29E-03	2.72E-04	2.29E-03	2.72E-04	1.33E-04	1.23E-05	2.17E-03	2.58E-04	2.64E-03	3.14E-04	2.64E-03	3.14E-04	2.18E-03	2.59E-04	2.29E-03	2.72E-04	2.19E-03	2.60E-04	2.18E-03	2.58E-04	2.18E-03	2.60E-04	2.18E-03	2.59E-04	5.80E-02	6.42E-03	1.25E+00	1.41E-01
86	Gridded	2.25E-03	1.84E-04	2.25E-03	1.83E-04	2.32E-03	1.93E-04	2.32E-03	1.93E-04	1.43E-04	1.04E-05	2.25E-03	1.83E-04	2.53E-03	2.25E-04	2.53E-03	2.25E-04	2.25E-03	1.84E-04	2.32E-03	1.93E-04	2.26E-03	1.85E-04	2.25E-03	1.84E-04	2.26E-03	1.84E-04	2.25E-03	1.84E-04	8.47E-02	6.72E-03	1.31E+00	1.05E-01
87	Gridded	3.03E-03	2.02E-04	3.02E-03	2.01E-04	3.22E-03	2.15E-04	3.22E-03	2.15E-04	1.82E-04	1.23E-05	3.02E-03	2.01E-04	3.85E-03	2.58E-04	3.85E-03	2.58E-04	3.03E-03	2.02E-04	3.22E-03	2.15E-04	3.05E-03	2.04E-04	3.02E-03	2.02E-04	3.04E-03	2.03E-04	3.03E-03	2.02E-04	9.18E-02	7.55E-03	1.61E+00	1.15E-01
88	Gridded	3.24E-03	2.44E-04	3.23E-03	2.43E-04	3.40E-03	2.58E-04	3.40E-03	2.58E-04	1.64E-04	1.35E-05	3.23E-03	2.43E-04	3.91E-03	3.05E-04	3.91E-03	3.05E-04	3.24E-03	2.44E-04	3.40E-03	2.58E-04	3.26E-03	2.45E-04	3.24E-03	2.43E-04	3.25E-03	2.44E-04	3.24E-03	2.44E-04	7.23E-02	8.56E-03	1.72E+00	1.38E-01
89	Gridded	2.49E-03	2.55E-04	2.48E-03	2.54E-04	2.64E-03	2.69E-04	2.64E-03	2.69E-04	1.45E-04	1.44E-05	2.48E-03	2.54E-04	3.12E-03	3.13E-04	3.12E-03	3.13E-04	2.49E-03	2.55E-04	2.64E-03	2.69E-04	2.51E-03	2.57E-04	2.49E-03	2.55E-04	2.50E-03	2.56E-04	2.49E-03	2.55E-04	8.31E-02	9.36E-03	1.44E+00	1.45E-01
90	Gridded	3.09E-03	2.80E-04	3.08E-03	2.79E-04	3.26E-03	2.96E-04	3.26E-03	2.96E-04	2.02E-04	2.06E-05	3.08E-03	2.79E-04	3.81E-03	3.49E-04	3.81E-03	3.49E-04	3.09E-03	2.80E-04	3.26E-03	2.96E-04	3.11E-03	2.82E-04	3.08E-03	2.80E-04	3.10E-03	2.81E-04	3.09E-03	2.80E-04	8.25E-02	9.19E-03	1.71E+00	1.58E-01
91	Gridded	2.51E-03	3.10E-04	2.50E-03	3.09E-04	2.64E-03	3.28E-04	2.64E-03	3.28E-04	2.38E-04	2.93E-05	2.50E-03	3.09E-04	3.08E-03	3.84E-04	3.08E-03	3.84E-04	2.51E-03	3.10E-04	2.64E-03	3.28E-04	2.52E-03	3.13E-04	2.50E-03	3.10E-04	2.52E-03	3.11E-04	2.51E-03	3.11E-04	6.74E-02	7.62E-03	1.36E+00	1.73E-01
92	Gridded	2.60E-03	3.08E-04	2.59E-03	3.07E-04	2.73E-03	3.24E-04	2.73E-03	3.24E-04	2.29E-04	3.45E-05	2.59E-03	3.07E-04	3.15E-03	4.15E-04	3.15E-03	4.15E-04	2.60E-03	3.08E-04	2.73E-03	3.24E-04	2.61E-03	3.10E-04	2.59E-03	3.07E-04	2.60E-03	3.09E-04	2.60E-03	3.08E-04	5.25E-02	6.11E-03	1.41E+00	1.68E-01
93	Gridded	4.02E-03	3.07E-04	4.00E-03	3.05E-04	4.19E-03	3.38E-04	4.19E-03	3.38E-04	2.57E-04	2.92E-05	4.01E-03	3.05E-04	4.76E-03	4.38E-04	4.76E-03	4.38E-04	4.02E-03	3.07E-04	4.19E-03	3.38E-04	4.04E-03	3.11E-04	4.01E-03	3.06E-04	4.03E-03	3.09E-04	4.02E-03	3.07E-04	7.69E-02	7.51E-03	2.27E+00	1.62E-01
94	Gridded	3.81E-03	2.69E-04	3.80E-03	2.68E-04	3.95E-03	2.87E-04	3.95E-03	2.87E-04	1.64E-04	1.67E-05	3.80E-03	2.68E-04	4.41E-03	3.45E-04	4.41E-03	3.45E-04	3.81E-03	2.69E-04	3.95E-03	2.87E-04	3.83E-03	2.72E-04	3.81E-03	2.69E-04	3.82E-03	2.70E-04	3.81E-03	2.70E-04	7.15E-02	8.68E-03	2.15E+00	1.48E-01
95	Gridded	3.66E-03	3.02E-04	3.65E-03	3.01E-04	3.85E-03	3.16E-04	3.85E-03	3.16E-04	1.76E-04	1.54E-05	3.65E-03	3.02E-04	4.45E-03	3.62E-04	4.45E-03	3.62E-04	3.66E-03	3.02E-04	3.85E-03	3.16E-04	3.69E-03	3.04E-04	3.66E-03	3.02E-04	3.67E-03	3.03E-04	3.66E-03	3.02E-04	6.94E-02	7.64E-03	2.06E+00	1.63E-01
96	Gridded	3.65E-03	3.26E-04	3.64E-03	3.25E-04	3.83E-03	3.41E-04	3.83E-03	3.41E-04	1.79E-04	1.40E-05	3.64E-03	3.25E-04	4.42E-03	3.89E-04	4.42E-03	3.89E-04	3.65E-03	3.26E-04	3.83E-03	3.41E-04	3.67E-03	3.28E-04	3.65E-03	3.26E-04	3.66E-03	3.27E-04	3.65E-03	3.26E-04	7.42E-02	6.50E-03	2.00E+00	1.78E-01
97	Gridded	3.68E-03	3.09E-04	3.67E-03	3.08E-04	3.86E-03	3.24E-04	3.86E-03	3.24E-04	1.69E-04	1.46E-05	3.67E-03	3.09E-04	4.44E-03	3.73E-04	4.44E-03	3.73E-04	3.68E-03	3.09E-04	3.86E-03	3.24E-04	3.70E-03	3.11E-04	3.67E-03	3.09E-04	3.69E-03	3.10E-04	3.68E-03	3.10E-04	6.52E-02	7.29E-03	2.06E+00	1.72E-01
98	Gridded	4.31E-03	3.12E-04	4.31E-03	3.11E-04	4.32E-03	3.29E-04	4.32E-03	3.29E-04	1.54E-04	1.72E-05	4.31E-03	3.11E-04	4.36E-03	3.86E-04	4.36E-03	3.86E-04	4.31E-03	3.12E-04	4.32E-03	3.29E-04	4.31E-03	3.14E-04	4.31E-03	3.11E-04	4.31E-03	3.13E-04	4.31E-03	3.12E-04	6.09E-02	8.86E-03	2.30E+00	1.79E-01
99	Gridded	4.04E-03	3.65E-04	4.04E-03	3.63E-04	4.05E-03	3.87E-04	4.05E-03	3.87E-04	1.46E-04	2.09E-05	4.04E-03	3.64E-04	4.09E-03	4.59E-04	4.09E-03	4.59E-04	4.04E-03	3.65E-04	4.05E-03	3.87E-04	4.04E-03	3.68E-04	4.04E-03	3.64E-04	4.04E-03	3.66E-04	4.04E-03	3.65E-04	6.81E-02	1.05E-02	2.16E+00	2.09E-01
100	Gridded	3.11E-03	4.04E-04	3.11E-03	4.02E-04	3.26E-03	4.28E-04	3.26E-03	4.28E-04	1.80E-04	2.30E-05	3.11E-03	4.03E-04	3.79E-03	5.08E-04	3.79E-03	5.08E-04	3.11E-03	4.04E-04	3.26E-03	4.28E-04	3.12E-03	4.07E-04	3.11E-03	4.04E-04	3.11E-03	4.06E-04	3.11E-03	4.04E-04	7.55E-02	1.14E-02	1.75E+00	2.32E-01
101	Gridded	4.61E-03	4.12E-04	4.61E-03	4.10E-04	4.61E-03	4.41E-04	4.61E-03	4.41E-04	1.91E-04	2.72E-05	4.61E-03	4.10E-04	4.61E-03	5.34E-04	4.61E-03	5.34E-04	4.61E-03	4.12E-04	4.61E-03	4.41E-04	4.61E-03	4.15E-04	4.61E-03	4.11E-04	4.61E-03	4.14E-04	4.61E-03	4.12E-04	7.45E-02	1.26E-02	2.45E+00	2.38E-01
102	Gridded	6.24E-03	4.65E-04	6.24E-03	4.63E-04	6.24E-03	4.94E-04	6.24E-03	4.94E-04	1.50E-04	2.76E-05	6.24E-03	4.63E-04	6.24E-03	5.90E-04	6.24E-03	5.90E-04	6.24E-03	4.65E-04	6.24E-03	4.94E-04	6.24E-03	4.69E-04	6.24E-03	4.64E-04	6.24E-03	4.67E-04	6.24E-03	4.65E-04	7.10E-02	1.21E-02	3.31E+00	2.65E-01
103	Gridded	3.09E-03	2.98E-04	3.08E-03	2.98E-04	3.24E-03	3.10E-04	3.24E-03	3.10E-04	1.62E-04	1.66E-05	3.09E-03	2.98E-04	3.69E-03	3.49E-04	3.69E-03	3.49E-04	3.09E-03	2.98E-04	3.24E-03	3.10E-04	3.11E-03	3.00E-04	3.09E-03	2.98E-04	3.10E-03	2.99E-04	3.10E-03	2.99E-04	6.70E-02	9.30E-03	1.70E+00	1.66E-01
104	Gridded	3.54E-03	3.07E-04	3.54E-03	3.07E-04	3.68E-03	3.14E-04	3.68E-03	3.14E-04	2.04E-04	1.67E-05	3.54E-03	3.07E-04	4.39E-03	3.39E-04	4.39E-03	3.39E-04	3.54E-03	3.07E-04	3.68E-03	3.14E-04	3.54E-03	3.08E-04	3.54E-03	3.07E-04	3.54E-03	3.08E-04	3.54E-03	3.07E-04	7.99E-02	8.52E-03	2.00E+00	1.73E-01
105	Gridded	3.92E-03	3.25E-04	3.92E-03	3.25E-04	3.99E-03	3.32E-04	3.99E-03	3.32E-04	1.97E-04	1.72E-05	3.92E-03	3.25E-04	4.67E-03	3.52E-04	4.67E-03	3.52E-04	3.92E-03	3.25E-04	3.99E-03	3.32E-04	3.92E-03	3.26E-04	3.92E-03	3.25E-04	3.92E-03	3.26E-04	3.92E-03	3.25E-04	7.96E-02	9.66E-03	2.24E+00	1.83E-01
106	Gridded	3.99E-03	3.33E-04	3.99E-03	3.32E-04	3.99E-03	3.48E-04	3.99E-03	3.48E-04	1.74E-04	1.78E-05	3.99E-03	3.32E-04	4.08E-03	3.97E-04	4.08E-03	3.97E-04	3.99E-03	3.33E-04	3.99E-03	3.48E-04	3.99E-03	3.35E-04	3.99E-03	3.33E-04	3.99E-03	3.34E-04	3.99E-03	3.33E-04	7.69E-02	1.06E-02	2.27E+00	1.86E-01
107	Gridded	4.06E-03	3.14E-04	4.05E-03	3.14E-04	4.08E-03	3.17E-04	4.08E-03	3.17E-04	1.86E-04	1.83E-05	4.05E-03	3.14E-04	4.17E-03	3.57E-04	4.17E-03	3.57E-04	4.06E-03	3.14E-04	4.08E-03	3.17E-04	4.06E-03	3.15E-04	4.05E-03	3.14E-04	4.06E-03	3.14E-04	4.06E-03	3.14E-04	7.82E-02	1.24E-02	2.12E+00	1.65E-01
108	Gridded	3.89E-03	3.26E-04	3.89E-03	3.26E-04	3.92E-03	3.29E-04	3.92E-03	3.29E-04	2.19E-04	1.84E-05	3.89E-03	3.26E-04	3.99E-03	3.59E-04	3.99E-03	3.59E-04	3.89E-03	3.26E-04	3.92E-03	3.29E-04	3.89E-03	3.27E-04	3.89E-03	3.26E-04	3.89E-03	3.27E-04	3.89E-03	3.26E-04	8.53E-02	1.42E-02	2.04E+00	1.72E-01
109	Gridded	3.87E-03	2.92E-04	3.87E-03	2.91E-04	3.91E-03	3.08E-04	3.91E-03	3.08E-04	1.98E-04	1.65E-05	3.87E-03	2.92E-04	4.04E-03	3.61E-04	4.04E-03	3.61E-04	3.87E-03	2.92E-04	3.91E-03	3.08E-04	3.88E-03	2.94E-04	3.87E-03	2.92E-04	3.87E-03	2.93E-04	3.87E-03	2.93E-04	1.14E-01	1.39E-02	2.03E+00	1.66E-01
110	Gridded	4.01E-03	2.89E-04	4.00E-03	2.88E-04	4.05E-03	3.02E-04	4.05E-03	3.02E-04	1.58E-04	1.48E-05	4.01E-03	2.88E-04	4.19E-03	3.46E-04	4.19E-03	3.46E-04	4.01E-03	2.89E-04	4.05E-03	3.02E-04	4.01E-03	2.90E-04	4.01E-03	2.89E-04	4.01E-03	2.90E-04	4.01E-03	2.89E-04	1.38E-01	1.24E-02	2.10E+00	1.60E-01
111	Gridded	3.80E-03	2.36E-04	3.79E-03	2.35E-04	3.84E-03	2.48E-04	3.84E-03	2.48E-04	1.41E-04	1.29E-05	3.79E-03	2.36E-04	3.99E-03	2.85E-04	3.99E-03	2.85E-04	3.80E-03	2.36E-04	3.84E-03	2.48E-04	3.80E-03	2.38E-04	3.79E-03	2.36E-04	3.80E-03	2.37E-04	3.80E-03	2.36E-04	1.38E-01	1.64E-02	1.98E+00	1.24E-01
112	Gridded	3.81E-03	2.33E-04	3.81E-03	2.32E-04	3.86E-03	2.45E-04	3.86E-03	2.45E-04	2.53E-04	2.47E-05	3.81E-03	2.32E-04	4.03E-03	2.89E-04	4.03E-03	2.89E-04	3.81E-03	2.33E-04	3.86E-03	2.45E-04	3.82E-03	2.35E-04	3.81E-03	2.33E-04	3.81E-03	2.34E-04	3.81E-03	2.33E-04	1.08E-01	1.78E-02	1.99E+00	1.30E-01
113	Gridded	4.42E-03	3.21E-04	4.40E-03	3.19E-04	4.73E-03	3.46E-04	4.73E-03	3.46E-04	2.87E-04	3.54E-05	4.41E-03	3.19E-04	5.72E-03	4.29E-04	5.72E-03	4.29E-04	4.43E-03	3.21E-04	4.73E-03	3.46E-04	4.46E-03	3.24E-04	4.42E-03	3.20E-04	4.44E-03	3.22E-04	4.43E-03	3.21E-04	1.36E-01	1.54E-02	2.40E+00	1.89E-01
114	Gridded	5.09E-03	4.88E-04	5.08E-03	4.85E-04	5.22E-03	5.25E-04	5.22E-03	5.25E-04	2.72E-04	3.53E-05	5.08E-03	4.86E-04	5.66E-03	6.47E-04	5.66E-03	6.47E-04	5.09E-03	4.88E-04	5.22E-03	5.25E-04	5.10E-03	4.92E-04	5.08E-03	4.87E-04	5.09E-03	4.90E-04	5.09E-03	4.88E-04	1.40E-01	1.60E-02	2.69E+00	2.74E-01
115	Gridded	4.41E-03	5.82E-04	4.41E-03	5.80E-04	4.49E-03	6.14E-04	4.49E-03	6.14E-04	2.20E-04	3.04E-05	4.41E-03	5.80E-04	4.82E-03	7.19E-04	4.82E-03	7.19E-04	4.41E-03	5.82E-04	4.49E-03	6.14E-04	4.42E-03	5.86E-04	4.41E-03	5.81E-04	4.42E-03	5.84E-04	4.41E-03	5.83E-04	1.38E-01	1.51E-02	2.32E+00	3.12E-01
116	Gridded	5.95E-03	5.88E-04	5.92E-03	5.86E-04	6.29E-03	6.17E-04	6.29E-03	6.17E-04	3.21E-04	2.68E-05	5.93E-03	5.87E-04	7.40E-03	7.09E-04	7.40E-03	7.09E-04	5.95E-03	5.88E-04	6.29E-03	6.17E-04	5.99E-03	5.92E-04	5.94E-03	5.88E-04	5.97E-03	5.90E-04	5.95E-03	5.89E-04	1.34E-01	1.32E-02	3.38E+00	3.11E-01
117	Gridded	8.17E-03	5.95E-04	8.14E-03	5.93E-04	8.57E-03	6.13E-04	8.57E-03	6.13E-04	3.81E-04	2.21E-05	8.15E-03	5.94E-04	9.89E-03	6.74E-04	9.89E-03	6.74E-04	8.17E-03	5.95E-04	8.57E-03	6.13E-04	8.22E-03	5.97E-04	8.16E-03	5.94E-04	8.19E-03	5.96E-04	8.17E-03	5.95E-04	1.26E-01	1.20E-02	4.42E+00	3.14E-01
118	Gridded	4.66E-03	4.19E-04	4.64E-03	4.19E-04	4.87E-03	4.27E-04	4.87E-03	4.27E-04	2.44E-04	2.44E-05	4.64E-03	4.19E-04	5.58E-03	4.68E-04	5.58E-03	4.68E-04	4.66E-03	4.19E-04	4.87E-03	4.27E-04	4.68E-03	4.20E-04	4.65E-03	4.19E-04	4.67E-03	4.20E-04	4.66E-03	4.19E-04	1.21E-01	1.39E-02	2.47E+00	2.21E-01
119	Gridded	3.48E-03	4.73E-04	3.47E-03	4.71E-04	3.55E-03	5.09E-04	3.55E-03	5.09E-04	2.76E-04	3.40E-05	3.47E-03	4.71E-04	4.13E-03	6.26E-04	4.13E-03	6.26E-04	3.48E-03	4.73E-04	3.55E-03	5.09E-04	3.48E-03	4.78E-04	3.47E-03	4.72E-04	3.48E-03	4.75E-04	3.48E-03	4.74E-04	1.40E-01	1.33E-02	1.83E+00	2.48E-01
120	Gridded	4.40E-03	6.64E-04	4.39E-03	6.61E-04	4.56E-03	7.05E-04	4.56E-03	7.05E-04	2.83E-04	3.85E-05	4.39E-03	6.62E-04	5.22E-03	8.38E-04	5.22E-03	8.38E-04	4.40E-03	6.64E-04	4.56E-03	7.05E-04	4.42E-03	6.69E-04	4.40E-03	6.63E-04	4.41E-03	6.66E-04	4.40E-03	6.64E-04	1.18E-01	9.68E-03	2.32E+00	3.48E-01
121	Gridded	6.09E-03	7.53E-04	6.07E-03	7.51E-04	6.39E-03	7.84E-04	6.39E-03	7.84E-04	2.90E-04	2.86E-05	6.07E-03	7.52E-04	7.39E-03	8.83E-04	7.39E-03	8.83E-04	6.09E-03	7.54E-04	6.39E-03	7.84E-04	6.12E-03	7.57E-04	6.08E-03	7.53E-04	6.10E-03	7.55E-04	6.09E-03	7.54E-04	1.18E-01	7.78E-03	3.20E+00	3.96E-01
122	Gridded	4.89E-03	4.48E-04	4.88E-03	4.47E-04	5.04E-03	4.60E-04	5.04E-03	4.60E-04	2.19E-04	1.68E-05	4.88E-03	4.47E-04	5.56E-03	4.98E-04	5.56E-03	4.98E-04	4.89E-03	4.48E-04	5.04E-03	4.60E-04	4.91E-03	4.49E-04	4.88E-03	4.48E-04	4.90E-03	4.49E-04	4.89E-03	4.48E-04	1.01E-01	7.77E-03	2.62E+00	2.35E-01
123	Gridded	3.72E-03	2.40E-04	3.72E-03	2.39E-04	3.72E-03	2.49E-04	3.72E-03	2.49E-04	2.41E-04	1.68E-05	3.72E-03	2.40E-04	3.87E-03	2.93E-04	3.87E-03	2.93E-04	3.72E-03	2.40E-04	3.72E-03	2.49E-04	3.72E-03	2.41E-04	3.72E-03	2.40E-04	3.72E-03	2.41E-04	3.72E-03	2.40E-04	1.02E-01	8.19E-03	2.16E+00	1.33E-01
124	Gridded	5.22E-03	3.55E-04	5.20E-03	3.54E-04	5.53E-03	3.75E-04	5.53E-03	3.75E-04	2.86E-04	1.86E-05	5.20E-03	3.54E-04	6.51E-03	4.39E-04	6.51E-03	4.39E-04	5.22E-03	3.55E-04	5.53E-03	3.75E-04	5.26E-03	3.58E-04	5.21E-03	3.55E-04	5.24E-03	3.56E-04	5.22E-03	3.55E-04	1.14E-01	7.91E-03	2.90E+00	1.98E-01
125	Gridded	5.21E-03	3.56E-04	5.20E-03	3.55E-04	5.47E-03	3.74E-04	5.47E-03	3.74E-04	2.37E-04	1.71E-05	5.20E-03	3.55E-04	6.28E-03	4.33E-04	6.28E-03	4.33E-04	5.22E-03	3.56E-04	5.47E-03	3.74E-04	5.25E-03	3.58E-04	5.21E-03	3.56E-04	5.23E-03	3.57E-04	5.22E-03	3.56E-04	1.19E-01	7.81E-03	2.89E+00	2.01E-01
126	Gridded	3.12E-03	2.75E-04	3.11E-03	2.74E-04	3.19E-03	2.91E-04	3.19E-03	2.91E-04	1.80E-04	1.49E-05	3.11E-03	2.74E-04	3.66E-03	3.41E-04	3.66E-03	3.41E-04	3.12E-03	2.75E-04	3.19E-03	2.91E-04	3.12E-03	2.77E-04	3.12E-03	2.75E-04	3.12E-03	2.76E-04	3.12E-03	2.75E-04	1.03E-01	7.05E-03	1.69E+00	1.58E-01
127	Gridded	3.43E-03	2.83E-04	3.41E-03	2.82E-04	3.65E-03	2.99E-04	3.65E-03	2.99E-04	2.08E-04	1.63E-05	3.41E-03	2.83E-04	4.36E-03	3.51E-04	4.36E-03	3.51E-04	3.43E-03	2.84E-04	3.65E-03	2.99E-04	3.45E-03	2.85E-04	3.42E-03	2.83E-04	3.44E-03	2.84E-04	3.43E-03	2.84E-04	8.89E-02	9.94E-03	1.96E+00	1.55E-01
128	Gridded	3.08E-03	3.02E-04	3.07E-03	3.01E-04	3.25E-03	3.22E-04	3.25E-03	3.22E-04	1.67E-04	1.90E-05	3.07E-03	3.01E-04	3.78E-03	3.88E-04	3.78E-03	3.88E-04	3.08E-03	3.02E-04	3.25E-03	3.22E-04	3.10E-03	3.04E-04	3.08E-03	3.01E-04	3.09E-03	3.03E-04	3.08E-03	3.02E-04	1.19E-01	1.11E-02	1.71E+00	1.79E-01
129	Gridded	4.02E-03	3.44E-04	4.01E-03	3.43E-04	4.22E-03	3.66E-04	4.22E-03	3.66E-04	2.60E-04	2.32E-05	4.01E-03	3.43E-04	4.86E-03	4.46E-04	4.86E-03	4.46E-04	4.02E-03	3.44E-04	4.22E-03	3.66E-04	4.05E-03	3.46E-04	4.02E-03	3.44E-04	4.03E-03	3.45E-04	4.02E-03	3.44E-04	1.01E-01	1.22E-02	2.29E+00	2.01E-01
130	Gridded	3.99E-03	4.01E-04	3.98E-03	3.99E-04	4.22E-03	4.27E-04	4.22E-03	4.27E-04	2.13E-04	2.47E-05	3.98E-03	4.00E-04	4.95E-03	5.12E-04	4.95E-03	5.12E-04	3.99E-03	4.01E-04	4.22E-03	4.27E-04	4.02E-03	4.04E-04	3.99E-03	4.01E-04	4.01E-03	4.03E-04	4.00E-03	4.01E-04	8.72E-02	1.01E-02	2.25E+00	2.28E-01
131	Gridded	2.58E-03	3.10E-04	2.57E-03	3.09E-04	2.72E-03	3.25E-04	2.72E-03	3.25E-04	1.71E-04	1.48E-05	2.57E-03	3.09E-04	3.19E-03	3.76E-04	3.19E-03	3.76E-04	2.58E-03	3.10E-04	2.72E-03	3.25E-04	2.60E-03	3.12E-04	2.57E-03	3.09E-04	2.59E-03	3.11E-04	2.58E-03	3.10E-04	7.74E-02	7.94E-03	1.42E+00	1.76E-01
132	Gridded	2.24E-03	2.08E-04	2.24E-03	2.08E-04	2.30E-03	2.22E-04	2.30E-03	2.22E-04	1.57E-04	1.24E-05	2.24E-03	2.08E-04	2.61E-03	2.65E-04	2.61E-03	2.65E-04	2.24E-03	2.09E-04	2.30E-03	2.22E-04	2.25E-03	2.10E-04	2.24E-03	2.08E-04	2.25E-03	2.09E-04	2.24E-03	2.09E-04	7.12E-02	8.08E-03	1.28E+00	1.19E-01
133	Gridded	2.09E-03	2.49E-04	2.08E-03	2.48E-04	2.18E-03	2.62E-04	2.18E-03	2.62E-04	1.43E-04	1.34E-05	2.08E-03	2.49E-04	2.49E-03	3.02E-04	2.49E-03	3.02E-04	2.09E-03	2.49E-04	2.18E-03	2.62E-04	2.10E-03	2.51E-04	2.09E-03	2.49E-04	2.09E-03	2.50E-04	2.09E-03	2.49E-04	9.91E-02	7.47E-03	1.19E+00	1.46E-01
134	Gridded	2.71E-03	2.97E-04	2.70E-03	2.95E-04	2.74E-03	3.14E-04	2.74E-03	3.14E-04	1.35E-04	1.68E-05	2.70E-03	2.96E-04	2.84E-03	3.72E-04	2.84E-03	3.72E-04	2.71E-03	2.97E-04	2.74E-03	3.14E-04	2.71E-03	2.99E-04	2.70E-03	2.96E-04	2.71E-03	2.98E-04	2.71E-03	2.97E-04	8.18E-02	6.95E-03	1.57E+00	1.66E-01
135	Gridded	2.88E-03	3.19E-04	2.87E-03	3.18E-04	2.96E-03	3.36E-04	2.96E-03	3.36E-04	1.31E-04	1.56E-05	2.87E-03	3.18E-04	3.22E-03	3.89E-04	3.22E-03	3.89E-04	2.88E-03	3.19E-04	2.96E-03	3.36E-04	2.89E-03	3.21E-04	2.88E-03	3.19E-04	2.88E-03	3.20E-04	2.88E-03	3.19E-04	6.29E-02	6.91E-03	1.66E+00	1.75E-01
136	Gridded	2.04E-03	2.45E-04	2.03E-03	2.44E-04	2.15E-03	2.57E-04	2.15E-03	2.57E-04	1.28E-04	1.17E-05	2.03E-03	2.44E-04	2.54E-03	2.98E-04	2.54E-03	2.98E-04	2.04E-03	2.45E-04	2.15E-03	2.57E-04	2.05E-03	2.46E-04	2.03E-03	2.44E-04	2.04E-03	2.45E-04	2.04E-03	2.45E-04	7.01E-02	6.88E-03	1.17E+00	1.35E-01
137	Gridded	2.57E-03	1.89E-04	2.57E-03	1.88E-04	2.66E-03	1.99E-04	2.66E-03	1.99E-04	1.74E-04	1.16E-05	2.57E-03	1.88E-04	3.19E-03	2.35E-04	3.19E-03	2.35E-04	2.57E-03	1.89E-04	2.66E-03	1.99E-04	2.58E-03	1.90E-04	2.57E-03	1.88E-04	2.58E-03	1.89E-04	2.57E-03	1.89E-04	9.45E-02	7.44E-03	1.49E+00	1.09E-01
138	Gridded	3.61E-03	2.37E-04	3.60E-03	2.36E-04	3.82E-03	2.52E-04	3.82E-03	2.52E-04	1.96E-04	1.41E-05	3.60E-03	2.36E-04	4.49E-03	3.00E-04	4.49E-03	3.00E-04	3.61E-03	2.37E-04	3.82E-03	2.52E-04	3.64E-03	2.39E-04	3.61E-03	2.36E-04	3.62E-03	2.38E-04	3.61E-03	2.37E-04	9.23E-02	8.59E-03	1.92E+00	1.35E-01
139	Gridded	3.09E-03	2.69E-04	3.08E-03	2.68E-04	3.23E-03	2.84E-04	3.23E-03	2.84E-04	1.58E-04	1.44E-05	3.08E-03	2.68E-04	3.67E-03	3.34E-04	3.67E-03	3.34E-04	3.09E-03	2.69E-04	3.23E-03	2.84E-04	3.11E-03	2.71E-04	3.09E-03	2.69E-04	3.10E-03	2.70E-04	3.09E-03	2.69E-04	7.85E-02	9.75E-03	1.65E+00	1.53E-01
140	Gridded	2.53E-03	2.60E-04	2.52E-03	2.60E-04	2.68E-03	2.75E-04	2.68E-03	2.75E-04	1.50E-04	1.49E-05	2.52E-03	2.60E-04	3.16E-03	3.26E-04	3.16E-03	3.26E-04	2.53E-03	2.61E-04	2.68E-03	2.75E-04	2.55E-03	2.62E-04	2.52E-03	2.60E-04	2.54E-03	2.61E-04	2.53E-03	2.61E-04	8.72E-02	1.04E-02	1.45E+00	1.49E-01
141	Gridded	2.76E-03	3.08E-04	2.75E-03	3.07E-04	2.91E-03	3.26E-04	2.91E-03	3.26E-04	2.08E-04	2.24E-05	2.75E-03	3.07E-04	3.40E-03	3.83E-04	3.40E-03	3.83E-04	2.76E-03	3.08E-04	2.91E-03	3.26E-04	2.78E-03	3.10E-04	2.75E-03	3.08E-04	2.77E-03	3.09E-04	2.76E-03	3.08E-04	8.17E-02	9.64E-03	1.52E+00	1.74E-01
142	Gridded	2.25E-03	3.18E-04	2.25E-03	3.17E-04	2.35E-03	3.36E-04	2.35E-03	3.36E-04	2.43E-04	3.23E-05	2.25E-03	3.17E-04	2.68E-03	3.93E-04	2.68E-03	3.93E-04	2.25E-03	3.18E-04	2.35E-03	3.36E-04	2.27E-03	3.21E-04	2.25E-03	3.18E-04	2.26E-03	3.19E-04	2.25E-03	3.19E-04	6.50E-02	7.48E-03	1.25E+00	1.77E-01
143	Gridded	2.87E-03	3.04E-04	2.86E-03	3.03E-04	3.05E-03	3.20E-04	3.05E-03	3.20E-04	2.69E-04	3.74E-05	2.86E-03	3.03E-04	3.61E-03	4.42E-04	3.61E-03	4.42E-04	2.87E-03	3.04E-04	3.05E-03	3.20E-04	2.89E-03	3.06E-04	2.87E-03	3.03E-04	2.88E-03	3.05E-04	2.87E-03	3.04E-04	6.67E-02	7.09E-03	1.65E+00	1.66E-01
144	Gridded	4.23E-03	3.23E-04	4.22E-03	3.21E-04	4.41E-03	3.55E-04	4.41E-03	3.55E-04	2.69E-04	2.95E-05	4.22E-03	3.22E-04	4.99E-03	4.57E-04	4.99E-03	4.57E-04	4.23E-03	3.23E-04	4.41E-03	3.55E-04	4.26E-03	3.27E-04	4.23E-03	3.23E-04	4.24E-03	3.25E-04	4.24E-03	3.24E-04	8.02E-02	9.28E-03	2.40E+00	1.71E-01
145	Gridded	3.46E-03	3.07E-04	3.45E-03	3.06E-04	3.57E-03	3.22E-04	3.57E-03	3.22E-04	1.77E-04	1.82E-05	3.46E-03	3.06E-04	3.93E-03	3.71E-04	3.93E-03	3.71E-04	3.46E-03	3.07E-04	3.57E-03	3.22E-04	3.48E-03	3.09E-04	3.46E-03	3.06E-04	3.47E-03	3.08E-04	3.46E-03	3.07E-04	6.91E-02	9.17E-03	1.94E+00	1.62E-01
146	Gridded	4.42E-03	3.55E-04	4.41E-03	3.54E-04	4.64E-03	3.71E-04	4.64E-03	3.71E-04	2.07E-04	1.64E-05	4.41E-03	3.54E-04	5.35E-03	4.24E-04	5.35E-03	4.24E-04	4.42E-03	3.55E-04	4.64E-03	3.71E-04	4.45E-03	3.57E-04	4.42E-03	3.54E-04	4.43E-03	3.56E-04	4.42E-03	3.55E-04	8.11E-02	6.99E-03	2.45E+00	1.91E-01
147	Gridded	4.19E-03	3.42E-04	4.17E-03	3.41E-04	4.39E-03	3.58E-04	4.39E-03	3.58E-04	1.95E-04	1.57E-05	4.18E-03	3.41E-04	5.07E-03	4.11E-04	5.07E-03	4.11E-04	4.19E-03	3.42E-04	4.39E-03	3.58E-04	4.21E-03	3.44E-04	4.18E-03	3.42E-04	4.20E-03	3.43E-04	4.19E-03	3.42E-04	7.49E-02	8.03E-03	2.35E+00	1.88E-01
148	Gridded	3.31E-03	3.28E-04	3.29E-03	3.27E-04	3.49E-03	3.46E-04	3.49E-03	3.46E-04	1.74E-04	1.79E-05	3.30E-03	3.27E-04	4.09E-03	4.06E-04	4.09E-03	4.06E-04	3.31E-03	3.28E-04	3.49E-03	3.46E-04	3.33E-03	3.30E-04	3.30E-03	3.28E-04	3.32E-03	3.29E-04	3.31E-03	3.28E-04	6.91E-02	9.48E-03	1.85E+00	1.88E-01
149	Gridded	5.39E-03	3.83E-04	5.39E-03	3.81E-04	5.40E-03	4.07E-04	5.40E-03	4.07E-04	1.58E-04	2.22E-05	5.39E-03	3.82E-04	5.42E-03	4.83E-04	5.42E-03	4.83E-04	5.39E-03	3.83E-04	5.40E-03	4.07E-04	5.39E-03	3.86E-04	5.39E-03	3.83E-04	5.39E-03	3.84E-04	5.39E-03	3.83E-04	7.45E-02	1.15E-02	2.88E+00	2.20E-01
150	Gridded	4.95E-03	4.40E-04	4.95E-03	4.39E-04	4.96E-03	4.67E-04	4.96E-03	4.67E-04	1.90E-04	2.49E-05	4.95E-03	4.39E-04	4.99E-03	5.53E-04	4.99E-03	5.53E-04	4.95E-03	4.41E-04	4.96E-03	4.67E-04	4.95E-03	4.44E-04	4.95E-03	4.40E-04	4.95E-03	4.42E-04	4.95E-03	4.41E-04	8.17E-02	1.25E-02	2.65E+00	2.53E-01
151	Gridded	3.81E-03	4.49E-04	3.81E-03	4.47E-04	3.81E-03	4.76E-04	3.81E-03	4.76E-04	2.07E-04	2.86E-05	3.81E-03	4.47E-04	4.28E-03	5.64E-04	4.28E-03	5.64E-04	3.81E-03	4.49E-04	3.81E-03	4.76E-04	3.81E-03	4.52E-04	3.81E-03	4.48E-04	3.81E-03	4.50E-04	3.81E-03	4.49E-04	8.16E-02	1.36E-02	2.03E+00	2.58E-01
152	Gridded	6.49E-03	5.09E-04	6.49E-03	5.06E-04	6.49E-03	5.40E-04	6.49E-03	5.40E-04	1.60E-04	3.00E-05	6.49E-03	5.07E-04	6.49E-03	6.44E-04	6.49E-03	6.44E-04	6.49E-03	5.09E-04	6.49E-03	5.40E-04	6.49E-03	5.13E-04	6.49E-03	5.08E-04	6.49E-03	5.10E-04	6.49E-03	5.09E-04	7.59E-02	1.31E-02	3.46E+00	2.90E-01
153	Gridded	6.09E-03	4.73E-04	6.09E-03	4.71E-04	6.09E-03	5.00E-04	6.09E-03	5.00E-04	1.25E-04	2.54E-05	6.09E-03	4.71E-04	6.09E-03	5.88E-04	6.09E-03	5.88E-04	6.09E-03	4.73E-04	6.09E-03	5.00E-04	6.09E-03	4.76E-04	6.09E-03	4.72E-04	6.09E-03	4.75E-04	6.09E-03	4.73E-04	6.23E-02	1.10E-02	3.23E+00	2.68E-01
154	Gridded	2.77E-03	3.67E-04	2.77E-03	3.66E-04	2.94E-03	3.82E-04	2.94E-03	3.82E-04	1.59E-04	1.70E-05	2.77E-03	3.67E-04	3.49E-03	4.28E-04	3.49E-03	4.28E-04	2.77E-03	3.67E-04	2.94E-03	3.82E-04	2.79E-03	3.69E-04	2.77E-03	3.67E-04	2.78E-03	3.68E-04	2.77E-03	3.67E-04	6.61E-02	1.09E-02	1.54E+00	2.00E-01
155	Gridded	3.13E-03	3.03E-04	3.12E-03	3.02E-04	3.28E-03	3.15E-04	3.28E-03	3.15E-04	1.62E-04	1.69E-05	3.12E-03	3.02E-04	3.76E-03	3.55E-04	3.76E-03	3.55E-04	3.13E-03	3.03E-04	3.28E-03	3.15E-04	3.15E-03	3.05E-04	3.13E-03	3.03E-04	3.14E-03	3.04E-04	3.13E-03	3.03E-04	6.96E-02	9.78E-03	1.68E+00	1.68E-01
156	Gridded	3.63E-03	2.99E-04	3.63E-03	2.98E-04	3.63E-03	3.07E-04	3.63E-03	3.07E-04	1.92E-04	1.77E-05	3.63E-03	2.98E-04	3.75E-03	3.57E-04	3.75E-03	3.57E-04	3.63E-03	2.99E-04	3.63E-03	3.07E-04	3.63E-03	3.00E-04	3.63E-03	2.99E-04	3.63E-03	2.99E-04	3.63E-03	2.99E-04	7.26E-02	9.07E-03	2.07E+00	1.69E-01
157	Gridded	4.63E-03	3.24E-04	4.63E-03	3.23E-04	4.67E-03	3.31E-04	4.67E-03	3.31E-04	2.18E-04	1.86E-05	4.63E-03	3.24E-04	4.79E-03	3.81E-04	4.79E-03	3.81E-04	4.63E-03	3.24E-04	4.67E-03	3.31E-04	4.64E-03	3.25E-04	4.63E-03	3.24E-04	4.64E-03	3.24E-04	4.63E-03	3.24E-04	8.64E-02	1.05E-02	2.43E+00	1.83E-01
158	Gridded	5.57E-03	3.42E-04	5.57E-03	3.41E-04	5.61E-03	3.45E-04	5.61E-03	3.45E-04	1.81E-04	1.78E-05	5.57E-03	3.41E-04	5.72E-03	3.91E-04	5.72E-03	3.91E-04	5.57E-03	3.42E-04	5.61E-03	3.45E-04	5.58E-03	3.42E-04	5.57E-03	3.42E-04	5.57E-03	3.42E-04	5.57E-03	3.42E-04	7.77E-02	1.14E-02	2.91E+00	1.80E-01
159	Gridded	5.26E-03	3.40E-04	5.26E-03	3.40E-04	5.29E-03	3.43E-04	5.29E-03	3.43E-04	1.82E-04	1.77E-05	5.26E-03	3.40E-04	5.39E-03	3.54E-04	5.39E-03	3.54E-04	5.26E-03	3.40E-04	5.29E-03	3.43E-04	5.26E-03	3.40E-04	5.26E-03	3.40E-04	5.26E-03	3.40E-04	5.26E-03	3.40E-04	8.68E-02	1.33E-02	2.75E+00	1.79E-01
160	Gridded	4.14E-03	3.08E-04	4.14E-03	3.08E-04	4.17E-03	3.11E-04	4.17E-03	3.11E-04	1.95E-04	1.80E-05	4.14E-03	3.08E-04	4.27E-03	3.61E-04	4.27E-03	3.61E-04	4.14E-03	3.08E-04	4.17E-03	3.11E-04	4.14E-03	3.08E-04	4.14E-03	3.08E-04	4.14E-03	3.08E-04	4.14E-03	3.08E-04	8.48E-02	1.50E-02	2.16E+00	1.68E-01
161	Gridded	3.25E-03	3.03E-04	3.24E-03	3.02E-04	3.29E-03	3.19E-04	3.29E-03	3.19E-04	1.74E-04	1.65E-05	3.24E-03	3.02E-04	3.44E-03	3.72E-04	3.44E-03	3.72E-04	3.25E-03	3.03E-04	3.29E-03	3.19E-04	3.25E-03	3.05E-04	3.25E-03	3.03E-04	3.25E-03	3.04E-04	3.25E-03	3.03E-04	1.25E-01	1.45E-02	1.71E+00	1.71E-01
162	Gridded	3.32E-03	2.81E-04	3.32E-03	2.80E-04	3.37E-03	2.93E-04	3.37E-03	2.93E-04	1.51E-04	1.46E-05	3.32E-03	2.80E-04	3.54E-03	3.33E-04	3.54E-03	3.33E-04	3.32E-03	2.81E-04	3.37E-03	2.93E-04	3.33E-03	2.82E-04	3.32E-03	2.81E-04	3.32E-03	2.82E-04	3.32E-03	2.81E-04	1.40E-01	1.41E-02	1.74E+00	1.55E-01
163	Gridded	3.67E-03	2.72E-04	3.67E-03	2.71E-04	3.74E-03	2.84E-04	3.74E-03	2.84E-04	2.15E-04	1.80E-05	3.67E-03	2.71E-04	3.95E-03	3.34E-04	3.95E-03	3.34E-04	3.67E-03	2.72E-04	3.74E-03	2.84E-04	3.68E-03	2.74E-04	3.67E-03	2.72E-04	3.68E-03	2.73E-04	3.67E-03	2.72E-04	1.44E-01	1.88E-02	1.92E+00	1.45E-01
164	Gridded	3.87E-03	2.75E-04	3.86E-03	2.75E-04	4.00E-03	2.89E-04	4.00E-03	2.89E-04	3.02E-04	3.25E-05	3.86E-03	2.75E-04	4.93E-03	3.48E-04	4.93E-03	3.48E-04	3.87E-03	2.75E-04	4.00E-03	2.89E-04	3.88E-03	2.77E-04	3.87E-03	2.75E-04	3.88E-03	2.76E-04	3.87E-03	2.76E-04	1.18E-01	1.77E-02	2.03E+00	1.53E-01
165	Gridded	4.57E-03	3.50E-04	4.55E-03	3.49E-04	4.82E-03	3.87E-04	4.82E-03	3.87E-04	2.58E-04	3.65E-05	4.56E-03	3.49E-04	5.61E-03	5.13E-04	5.61E-03	5.13E-04	4.57E-03	3.50E-04	4.82E-03	3.87E-04	4.60E-03	3.53E-04	4.57E-03	3.50E-04	4.59E-03	3.52E-04	4.57E-03	3.50E-04	1.41E-01	1.67E-02	2.45E+00	2.10E-01
166	Gridded	4.81E-03	5.46E-04	4.80E-03	5.44E-04	4.89E-03	5.81E-04	4.89E-03	5.81E-04	2.38E-04	3.26E-05	4.81E-03	5.44E-04	5.13E-03	6.94E-04	5.13E-03	6.94E-04	4.81E-03	5.46E-04	4.89E-03	5.81E-04	4.82E-03	5.51E-04	4.81E-03	5.46E-04	4.81E-03	5.48E-04	4.81E-03	5.47E-04	1.29E-01	1.67E-02	2.54E+00	2.99E-01
167	Gridded	4.43E-03	5.93E-04	4.41E-03	5.91E-04	4.71E-03	6.24E-04	4.71E-03	6.24E-04	2.58E-04	2.89E-05	4.42E-03	5.91E-04	5.59E-03	7.23E-04	5.59E-03	7.23E-04	4.43E-03	5.93E-04	4.71E-03	6.24E-04	4.46E-03	5.97E-04	4.42E-03	5.92E-04	4.45E-03	5.95E-04	4.43E-03	5.93E-04	1.46E-01	1.53E-02	2.62E+00	3.15E-01
168	Gridded	7.90E-03	5.77E-04	7.88E-03	5.75E-04	8.32E-03	5.99E-04	8.32E-03	5.99E-04	3.90E-04	2.30E-05	7.88E-03	5.76E-04	9.66E-03	6.73E-04	9.66E-03	6.73E-04	7.91E-03	5.77E-04	8.32E-03	5.99E-04	7.96E-03	5.80E-04	7.90E-03	5.76E-04	7.93E-03	5.78E-04	7.91E-03	5.77E-04	1.42E-01	1.21E-02	4.34E+00	3.05E-01
169	Gridded	5.56E-03	4.49E-04	5.54E-03	4.48E-04	5.82E-03	4.59E-04	5.82E-03	4.59E-04	2.50E-04	2.28E-05	5.54E-03	4.48E-04	6.69E-03	4.91E-04	6.69E-03	4.91E-04	5.56E-03	4.49E-04	5.82E-03	4.59E-04	5.59E-03	4.50E-04	5.55E-03	4.49E-04	5.57E-03	4.49E-04	5.56E-03	4.49E-04	1.12E-01	1.38E-02	2.97E+00	2.37E-01
170	Gridded	3.67E-03	4.45E-04	3.67E-03	4.43E-04	3.77E-03	4.81E-04	3.77E-03	4.81E-04	2.83E-04	3.38E-05	3.67E-03	4.43E-04	4.23E-03	5.98E-04	4.23E-03	5.98E-04	3.67E-03	4.46E-04	3.77E-03	4.81E-04	3.68E-03	4.50E-04	3.67E-03	4.45E-04	3.68E-03	4.48E-04	3.68E-03	4.46E-04	1.39E-01	1.45E-02	1.94E+00	2.34E-01
171	Gridded	4.42E-03	6.62E-04	4.41E-03	6.60E-04	4.60E-03	7.07E-04	4.60E-03	7.07E-04	2.92E-04	4.14E-05	4.41E-03	6.60E-04	5.37E-03	8.49E-04	5.37E-03	8.49E-04	4.42E-03	6.63E-04	4.60E-03	7.07E-04	4.44E-03	6.68E-04	4.42E-03	6.62E-04	4.43E-03	6.65E-04	4.42E-03	6.63E-04	1.15E-01	1.07E-02	2.33E+00	3.48E-01
172	Gridded	5.92E-03	7.76E-04	5.90E-03	7.74E-04	6.25E-03	8.09E-04	6.25E-03	8.09E-04	3.03E-04	3.09E-05	5.91E-03	7.75E-04	7.29E-03	9.16E-04	7.29E-03	9.16E-04	5.92E-03	7.77E-04	6.25E-03	8.09E-04	5.96E-03	7.81E-04	5.92E-03	7.76E-04	5.94E-03	7.78E-04	5.93E-03	7.77E-04	1.31E-01	8.79E-03	3.12E+00	4.08E-01
173	Gridded	5.08E-03	4.87E-04	5.07E-03	4.86E-04	5.25E-03	4.99E-04	5.25E-03	4.99E-04	2.25E-04	1.75E-05	5.08E-03	4.86E-04	5.79E-03	5.40E-04	5.79E-03	5.40E-04	5.08E-03	4.87E-04	5.25E-03	4.99E-04	5.10E-03	4.88E-04	5.08E-03	4.86E-04	5.09E-03	4.87E-04	5.09E-03	4.87E-04	1.01E-01	8.06E-03	2.73E+00	2.56E-01

Scenario 2 Results

174 Gridded	3.65E-03	2.57E-04	3.65E-03	2.56E-04	3.65E-03	2.66E-04	3.65E-03	2.66E-04	2.35E-04	1.73E-05	3.65E-03	2.56E-04	3.93E-03	3.04E-04	3.93E-03	3.04E-04	3.65E-03	2.57E-04	3.65E-03	2.66E-04	3.65E-03	2.58E-04	3.65E-03	2.57E-04	3.65E-03	2.58E-04	3.65E-03	2.57E-04	1.01E-01	8.44E-03	2.13E+00	1.43E-01
175 Gridded	5.02E-03	3.57E-04	5.00E-03	3.56E-04	5.32E-03	3.77E-04	5.32E-03	3.77E-04	2.77E-04	1.86E-05	5.01E-03	3.56E-04	6.27E-03	4.41E-04	6.27E-03	4.41E-04	5.02E-03	3.57E-04	5.32E-03	3.77E-04	5.06E-03	3.59E-04	5.02E-03	3.56E-04	5.04E-03	3.58E-04	5.03E-03	3.57E-04	1.13E-01	8.14E-03	2.80E+00	2.00E-01
176 Gridded	4.95E-03	3.47E-04	4.93E-03	3.46E-04	5.20E-03	3.65E-04	5.20E-03	3.65E-04	2.33E-04	1.70E-05	4.94E-03	3.46E-04	6.00E-03	4.24E-04	6.00E-03	4.24E-04	4.95E-03	3.47E-04	5.20E-03	3.65E-04	4.98E-03	3.49E-04	4.94E-03	3.47E-04	4.96E-03	3.48E-04	4.95E-03	3.47E-04	1.20E-01	8.11E-03	2.76E+00	1.97E-01
177 Gridded	3.35E-03	2.83E-04	3.34E-03	2.82E-04	3.41E-03	2.99E-04	3.41E-03	2.99E-04	1.96E-04	1.59E-05	3.34E-03	2.82E-04	3.69E-03	3.52E-04	3.69E-03	3.52E-04	3.35E-03	2.83E-04	3.41E-03	2.99E-04	3.35E-03	2.85E-04	3.35E-03	2.83E-04	3.35E-03	2.84E-04	3.35E-03	2.83E-04	1.10E-01	7.65E-03	1.77E+00	1.63E-01
178 Gridded	3.56E-03	2.95E-04	3.54E-03	2.94E-04	3.78E-03	3.12E-04	3.78E-03	3.12E-04	2.12E-04	1.71E-05	3.55E-03	2.94E-04	4.51E-03	3.65E-04	4.51E-03	3.65E-04	3.56E-03	2.95E-04	3.78E-03	3.12E-04	3.59E-03	2.97E-04	3.55E-03	2.95E-04	3.57E-03	2.96E-04	3.56E-03	2.95E-04	9.15E-02	1.05E-02	2.03E+00	1.64E-01
179 Gridded	3.14E-03	3.13E-04	3.14E-03	3.12E-04	3.27E-03	3.34E-04	3.27E-03	3.34E-04	1.80E-04	1.95E-05	3.14E-03	3.12E-04	3.80E-03	4.01E-04	3.80E-03	4.01E-04	3.14E-03	3.13E-04	3.27E-03	3.34E-04	3.16E-03	3.16E-04	3.14E-03	3.13E-04	3.15E-03	3.14E-04	3.15E-03	3.13E-04	1.26E-01	1.16E-02	1.73E+00	1.86E-01
180 Gridded	4.06E-03	3.54E-04	4.05E-03	3.52E-04	4.27E-03	3.79E-04	4.27E-03	3.79E-04	2.57E-04	2.43E-05	4.05E-03	3.52E-04	4.95E-03	4.63E-04	4.95E-03	4.63E-04	4.06E-03	3.54E-04	4.27E-03	3.79E-04	4.09E-03	3.57E-04	4.06E-03	3.53E-04	4.07E-03	3.55E-04	4.06E-03	3.54E-04	9.89E-02	1.24E-02	2.32E+00	2.08E-01
181 Gridded	3.84E-03	4.05E-04	3.82E-03	4.03E-04	4.06E-03	4.30E-04	4.06E-03	4.30E-04	2.07E-04	2.43E-05	3.82E-03	4.03E-04	4.77E-03	5.14E-04	4.77E-03	5.14E-04	3.84E-03	4.05E-04	4.06E-03	4.30E-04	3.86E-03	4.08E-04	3.83E-03	4.04E-04	3.85E-03	4.06E-04	3.84E-03	4.05E-04	9.06E-02	1.01E-02	2.17E+00	2.30E-01
182 Gridded	2.66E-03	2.94E-04	2.65E-03	2.93E-04	2.80E-03	3.09E-04	2.80E-03	3.09E-04	1.53E-04	1.50E-05	2.65E-03	2.93E-04	3.25E-03	3.56E-04	3.25E-03	3.56E-04	2.66E-03	2.94E-04	2.80E-03	3.09E-04	2.68E-03	2.96E-04	2.66E-03	2.94E-04	2.67E-03	2.95E-04	2.66E-03	2.94E-04	7.53E-02	8.71E-03	1.47E+00	1.68E-01
183 Gridded	2.31E-03	2.26E-04	2.31E-03	2.25E-04	2.39E-03	2.39E-04	2.39E-03	2.39E-04	1.56E-04	1.27E-05	2.31E-03	2.25E-04	2.83E-03	2.81E-04	2.83E-03	2.81E-04	2.31E-03	2.26E-04	2.39E-03	2.39E-04	2.31E-03	2.27E-04	2.31E-03	2.25E-04	2.31E-03	2.27E-04	2.31E-03	2.26E-04	9.14E-02	8.65E-03	1.34E+00	1.35E-01
184 Gridded	2.12E-03	2.70E-04	2.11E-03	2.69E-04	2.20E-03	2.83E-04	2.20E-03	2.83E-04	1.26E-04	1.54E-05	2.11E-03	2.69E-04	2.48E-03	3.23E-04	2.48E-03	3.23E-04	2.12E-03	2.70E-04	2.20E-03	2.83E-04	2.13E-03	2.71E-04	2.11E-03	2.70E-04	2.12E-03	2.71E-04	2.12E-03	2.70E-04	1.02E-01	7.43E-03	1.22E+00	1.57E-01
185 Gridded	2.82E-03	3.26E-04	2.81E-03	3.25E-04	2.86E-03	3.44E-04	2.86E-03	3.44E-04	1.27E-04	1.75E-05	2.81E-03	3.25E-04	2.99E-03	4.05E-04	2.99E-03	4.05E-04	2.82E-03	3.26E-04	2.86E-03	3.44E-04	2.82E-03	3.28E-04	2.82E-03	3.25E-04	2.82E-03	3.27E-04	2.82E-03	3.26E-04	6.96E-02	7.31E-03	1.63E+00	1.81E-01
186 Gridded	2.88E-03	3.18E-04	2.88E-03	3.17E-04	2.98E-03	3.34E-04	2.98E-03	3.34E-04	1.37E-04	1.53E-05	2.88E-03	3.17E-04	3.29E-03	3.87E-04	3.29E-03	3.87E-04	2.88E-03	3.18E-04	2.98E-03	3.34E-04	2.90E-03	3.20E-04	2.88E-03	3.18E-04	2.89E-03	3.19E-04	2.88E-03	3.18E-04	6.23E-02	7.26E-03	1.66E+00	1.75E-01
187 Gridded	2.22E-03	2.27E-04	2.21E-03	2.26E-04	2.27E-03	2.39E-04	2.27E-03	2.39E-04	1.39E-04	1.11E-05	2.22E-03	2.26E-04	2.62E-03	2.77E-04	2.62E-03	2.77E-04	2.22E-03	2.27E-04	2.27E-03	2.39E-04	2.23E-03	2.29E-04	2.22E-03	2.27E-04	2.22E-03	2.28E-04	2.22E-03	2.27E-04	8.33E-02	7.44E-03	1.29E+00	1.26E-01
188 Gridded	3.02E-03	2.14E-04	3.01E-03	2.13E-04	3.23E-03	2.29E-04	3.23E-03	2.29E-04	2.01E-04	1.36E-05	3.01E-03	2.14E-04	3.93E-03	2.76E-04	3.93E-03	2.76E-04	3.02E-03	2.14E-04	3.23E-03	2.29E-04	3.05E-03	2.16E-04	3.01E-03	2.14E-04	3.03E-03	2.15E-04	3.02E-03	2.15E-04	1.02E-01	8.38E-03	1.65E+00	1.22E-01
189 Gridded	3.71E-03	2.68E-04	3.70E-03	2.67E-04	3.91E-03	2.84E-04	3.91E-03	2.84E-04	1.87E-04	1.54E-05	3.70E-03	2.67E-04	4.56E-03	3.37E-04	4.56E-03	3.37E-04	3.71E-03	2.68E-04	3.91E-03	2.84E-04	3.74E-03	2.70E-04	3.71E-03	2.67E-04	3.72E-03	2.69E-04	3.72E-03	2.68E-04	8.60E-02	9.75E-03	1.98E+00	1.53E-01
190 Gridded	2.73E-03	2.91E-04	2.72E-03	2.90E-04	2.84E-03	3.07E-04	2.84E-03	3.07E-04	1.42E-04	1.46E-05	2.72E-03	2.90E-04	3.26E-03	3.57E-04	3.26E-03	3.57E-04	2.73E-03	2.91E-04	2.84E-03	3.07E-04	2.74E-03	2.93E-04	2.72E-03	2.91E-04	2.73E-03	2.92E-04	2.73E-03	2.91E-04	8.52E-02	1.11E-02	1.48E+00	1.66E-01
191 Gridded	2.39E-03	3.02E-04	2.38E-03	3.01E-04	2.53E-03	3.20E-04	2.53E-03	3.20E-04	1.56E-04	1.67E-05	2.38E-03	3.01E-04	2.99E-03	3.77E-04	2.99E-03	3.77E-04	2.39E-03	3.02E-04	2.53E-03	3.20E-04	2.41E-03	3.04E-04	2.38E-03	3.02E-04	2.40E-03	3.03E-04	2.39E-03	3.02E-04	9.43E-02	1.13E-02	1.36E+00	1.73E-01
192 Gridded	2.14E-03	3.30E-04	2.13E-03	3.29E-04	2.25E-03	3.49E-04	2.25E-03	3.49E-04	2.13E-04	2.40E-05	2.13E-03	3.29E-04	2.63E-03	4.09E-04	2.63E-03	4.09E-04	2.14E-03	3.30E-04	2.25E-03	3.49E-04	2.15E-03	3.32E-04	2.13E-03	3.30E-04	2.14E-03	3.31E-04	2.14E-03	3.30E-04	9.07E-02	9.59E-03	1.20E+00	1.87E-01
193 Gridded	2.45E-03	3.24E-04	2.44E-03	3.23E-04	2.57E-03	3.42E-04	2.57E-03	3.42E-04	2.44E-04	3.46E-05	2.45E-03	3.23E-04	2.94E-03	4.00E-04	2.94E-03	4.00E-04	2.45E-03	3.24E-04	2.57E-03	3.42E-04	2.47E-03	3.27E-04	2.45E-03	3.24E-04	2.46E-03	3.25E-04	2.45E-03	3.25E-04	6.25E-02	7.23E-03	1.37E+00	1.80E-01
194 Gridded	3.33E-03	2.90E-04	3.32E-03	2.89E-04	3.54E-03	3.14E-04	3.54E-03	3.14E-04	3.15E-04	3.88E-05	3.32E-03	2.90E-04	4.21E-03	4.48E-04	4.21E-03	4.48E-04	3.33E-03	2.91E-04	3.54E-03	3.14E-04	3.36E-03	2.92E-04	3.33E-03	2.90E-04	3.34E-03	2.91E-04	3.33E-03	2.91E-04	7.71E-02	9.22E-03	1.92E+00	1.58E-01
195 Gridded	4.23E-03	3.32E-04	4.22E-03	3.30E-04	4.40E-03	3.64E-04	4.40E-03	3.64E-04	2.82E-04	2.92E-05	4.22E-03	3.31E-04	4.94E-03	4.64E-04	4.94E-03	4.64E-04	4.23E-03	3.33E-04	4.40E-03	3.64E-04	4.25E-03	3.36E-04	4.23E-03	3.32E-04	4.24E-03	3.34E-04	4.23E-03	3.33E-04	7.62E-02	1.01E-02	2.39E+00	1.75E-01
196 Gridded	3.58E-03	3.53E-04	3.57E-03	3.52E-04	3.77E-03	3.71E-04	3.77E-03	3.71E-04	1.79E-04	1.89E-05	3.57E-03	3.52E-04	4.39E-03	4.27E-04	4.39E-03	4.27E-04	3.58E-03	3.53E-04	3.77E-03	3.71E-04	3.60E-03	3.55E-04	3.58E-03	3.53E-04	3.59E-03	3.54E-04	3.58E-03	3.54E-04	7.74E-02	8.52E-03	2.03E+00	1.86E-01
197 Gridded	4.61E-03	3.89E-04	4.59E-03	3.87E-04	4.83E-03	4.07E-04	4.83E-03	4.07E-04	2.22E-04	1.72E-05	4.60E-03	3.88E-04	5.57E-03	4.66E-04	5.57E-03	4.66E-04	4.61E-03	3.89E-04	4.83E-03	4.07E-04	4.64E-03	3.91E-04	4.60E-03	3.88E-04	4.62E-03	3.90E-04	4.61E-03	3.89E-04	8.85E-02	8.69E-03	2.59E+00	2.10E-01
198 Gridded	4.07E-03	3.75E-04	4.06E-03	3.74E-04	4.25E-03	3.95E-04	4.25E-03	3.95E-04	1.99E-04	1.91E-05	4.06E-03	3.74E-04	4.83E-03	4.61E-04	4.83E-03	4.61E-04	4.08E-03	3.75E-04	4.25E-03	3.95E-04	4.10E-03	3.77E-04	4.07E-03	3.75E-04	4.09E-03	3.76E-04	4.08E-03	3.75E-04	8.20E-02	1.03E-02	2.26E+00	2.15E-01
199 Gridded	4.06E-03	4.16E-04	4.06E-03	4.15E-04	4.07E-03	4.42E-04	4.07E-03	4.42E-04	1.79E-04	2.45E-05	4.06E-03	4.15E-04	4.38E-03	5.27E-04	4.38E-03	5.27E-04	4.06E-03	4.16E-04	4.07E-03	4.42E-04	4.07E-03	4.20E-04	4.06E-03	4.16E-04	4.07E-03	4.18E-04	4.06E-03	4.17E-04	8.58E-02	1.28E-02	2.16E+00	2.39E-01
200 Gridded	6.46E-03	4.80E-04	6.46E-03	4.78E-04	6.46E-03	5.09E-04	6.46E-03	5.09E-04	1.92E-04	2.72E-05	6.46E-03	4.78E-04	6.47E-03	6.03E-04	6.47E-03	6.03E-04	6.46E-03	4.80E-04	6.46E-03	5.09E-04	6.46E-03	4.84E-04	6.46E-03	4.79E-04	6.46E-03	4.82E-04	6.46E-03	4.80E-04	8.73E-02	1.38E-02	3.44E+00	2.75E-01
201 Gridded	5.27E-03	4.92E-04	5.27E-03	4.90E-04	5.28E-03	5.21E-04	5.28E-03	5.21E-04	2.19E-04	3.02E-05	5.27E-03	4.90E-04	5.30E-03	6.16E-04	5.30E-03	6.16E-04	5.28E-03	4.92E-04	5.28E-03	5.21E-04	5.28E-03	4.95E-04	5.27E-03	4.91E-04	5.28E-03	4.94E-04	5.28E-03	4.92E-04	8.90E-02	1.47E-02	2.82E+00	2.83E-01
202 Gridded	6.46E-03	5.54E-04	6.46E-03	5.51E-04	6.46E-03	5.88E-04	6.46E-03	5.88E-04	1.80E-04	3.25E-05	6.46E-03	5.52E-04	6.46E-03	7.00E-04	6.46E-03	7.00E-04	6.46E-03	5.54E-04	6.46E-03	5.88E-04	6.46E-03	5.58E-04	6.46E-03	5.53E-04	6.46E-03	5.56E-04	6.46E-03	5.54E-04	8.17E-02	1.45E-02	3.45E+00	3.17E-01
203 Gridded	7.63E-03	5.18E-04	7.63E-03	5.16E-04	7.63E-03	5.47E-04	7.63E-03	5.47E-04	1.80E-04	2.77E-05	7.63E-03	5.16E-04	7.63E-03	6.43E-04	7.63E-03	6.43E-04	7.63E-03	5.18E-04	7.63E-03	5.47E-04	7.63E-03	5.21E-04	7.63E-03	5.17E-04	7.63E-03	5.19E-04	7.63E-03	5.18E-04	7.39E-02	1.20E-02	4.06E+00	2.93E-01
204 Gridded	4.78E-03	4.10E-04	4.78E-03	4.09E-04	4.78E-03	4.32E-04	4.78E-03	4.32E-04	1.31E-04	2.22E-05	4.78E-03	4.09E-04	4.78E-03	5.04E-04	4.78E-03	5.04E-04	4.78E-03	4.10E-04	4.78E-03	4.32E-04	4.78E-03	4.13E-04	4.78E-03	4.10E-04	4.78E-03	4.12E-04	4.78E-03	4.11E-04	6.20E-02	1.20E-02	2.54E+00	2.32E-01
205 Gridded	2.93E-03	4.33E-04	2.92E-03	4.32E-04	3.07E-03	4.52E-04	3.07E-03	4.52E-04	1.84E-04	2.16E-05	2.93E-03	4.32E-04	3.50E-03	5.13E-04	3.50E-03	5.13E-04	2.93E-03	4.33E-04	3.07E-03	4.52E-04	2.95E-03	4.35E-04	2.93E-03	4.32E-04	2.94E-03	4.34E-04	2.94E-03	4.33E-04	7.01E-02	1.14E-02	1.60E+00	2.36E-01
206 Gridded	2.93E-03	3.76E-04	2.92E-03	3.75E-04	3.07E-03	3.91E-04	3.07E-03	3.91E-04	1.66E-04	1.74E-05	2.92E-03	3.75E-04	3.52E-03	4.37E-04	3.52E-03	4.37E-04	2.93E-03	3.76E-04	3.07E-03	3.91E-04	2.94E-03	3.78E-04	2.92E-03	3.76E-04	2.93E-03	3.77E-04	2.93E-03	3.76E-04	7.19E-02	1.15E-02	1.55E+00	2.05E-01
207 Gridded	4.10E-03	3.14E-04	4.09E-03	3.13E-04	4.14E-03	3.27E-04	4.14E-03	3.27E-04	1.74E-04	1.76E-05	4.09E-03	3.14E-04	4.28E-03	3.69E-04	4.28E-03	3.69E-04	4.10E-03	3.14E-04	4.14E-03	3.27E-04	4.10E-03	3.16E-04	4.10E-03	3.14E-04	4.10E-03	3.15E-04	4.10E-03	3.14E-04	7.33E-02	1.04E-02	2.16E+00	1.75E-01
208 Gridded	5.61E-03	2.99E-04	5.61E-03	2.99E-04	5.65E-03	3.06E-04	5.65E-03	3.06E-04	2.26E-04	1.83E-05	5.61E-03	2.99E-04	5.79E-03	3.65E-04	5.79E-03	3.65E-04	5.61E-03	2.99E-04	5.65E-03	3.06E-04	5.61E-03	2.99E-04	5.61E-03	2.99E-04	5.61E-03	2.99E-04	5.61E-03	2.99E-04	7.90E-02	9.83E-03	2.95E+00	1.64E-01
209 Gridded	6.43E-03	3.42E-04	6.43E-03	3.42E-04	6.47E-03	3.45E-04	6.47E-03	3.45E-04	2.26E-04	1.83E-05	6.43E-03	3.42E-04	6.61E-03	3.77E-04	6.61E-03	3.77E-04	6.43E-03	3.42E-04	6.47E-03	3.45E-04	6.44E-03	3.42E-04	6.43E-03	3.42E-04	6.43E-03	3.42E-04	6.43E-03	3.42E-04	9.03E-02	1.11E-02	3.37E+00	1.81E-01
210 Gridded	5.99E-03	3.31E-04	5.98E-03	3.31E-04	6.03E-03	3.35E-04	6.03E-03	3.35E-04	1.79E-04	1.73E-05	5.98E-03	3.31E-04	6.18E-03	3.64E-04	6.18E-03	3.64E-04	5.99E-03	3.31E-04	6.03E-03	3.35E-04	5.99E-03	3.31E-04	5.98E-03	3.31E-04	5.99E-03	3.31E-04	5.99E-03	3.31E-04	8.15E-02	1.17E-02	3.14E+00	1.75E-01
211 Gridded	4.71E-03	2.87E-04	4.71E-03	2.87E-04	4.76E-03	2.94E-04	4.76E-03	2.94E-04	1.64E-04	1.75E-05	4.71E-03	2.87E-04	4.93E-03	3.52E-04	4.93E-03	3.52E-04	4.71E-03	2.87E-04	4.76E-03	2.94E-04	4.72E-03	2.87E-04	4.71E-03	2.87E-04	4.71E-03	2.87E-04	4.71E-03	2.87E-04	9.29E-02	1.43E-02	2.47E+00	1.53E-01
212 Gridded	3.30E-03	2.94E-04	3.29E-03	2.92E-04	3.36E-03	3.10E-04	3.36E-03	3.10E-04	1.70E-04	1.74E-05	3.29E-03	2.93E-04	3.55E-03	3.65E-04	3.55E-03	3.65E-04	3.30E-03	2.94E-04	3.36E-03	3.10E-04	3.30E-03	2.96E-04	3.30E-03	2.93E-04	3.30E-03	2.95E-04	3.30E-03	2.94E-04	9.31E-02	1.59E-02	1.72E+00	1.70E-01
213 Gridded	3.17E-03	3.31E-04	3.17E-03	3.29E-04	3.20E-03	3.48E-04	3.20E-03	3.48E-04	1.75E-04	1.75E-05	3.17E-03	3.30E-04	3.29E-03	4.03E-04	3.29E-03	4.03E-04	3.17E-03	3.31E-04	3.20E-03	3.48E-04	3.17E-03	3.33E-04	3.17E-03	3.30E-04	3.17E-03	3.32E-04	3.17E-03	3.31E-04	1.43E-01	1.56E-02	1.70E+00	1.86E-01
214 Gridded	3.18E-03	3.22E-04	3.17E-03	3.22E-04	3.29E-03	3.36E-04	3.29E-03	3.36E-04	1.78E-04	1.76E-05	3.18E-03	3.22E-04	3.73E-03	3.78E-04	3.73E-03	3.78E-04	3.18E-03	3.23E-04	3.29E-03	3.36E-04	3.19E-03	3.24E-04	3.18E-03	3.22E-04	3.19E-03	3.23E-04	3.18E-03	3.23E-04	1.57E-01	1.75E-02	1.68E+00	1.78E-01
215 Gridded	3.29E-03	2.78E-04	3.28E-03	2.76E-04	3.44E-03	2.94E-04	3.44E-03	2.94E-04	2.65E-04	2.45E-05	3.28E-03	2.77E-04	3.92E-03	3.48E-04	3.92E-03	3.48E-04	3.29E-03	2.78E-04	3.44E-03	2.94E-04	3.31E-03	2.80E-04	3.29E-03	2.77E-04	3.30E-03	2.79E-04	3.29E-03	2.78E-04	1.33E-01	1.98E-02	1.73E+00	1.52E-01
216 Gridded	3.85E-03	2.70E-04	3.83E-03	2.69E-04	4.12E-03	2.94E-04	4.12E-03	2.94E-04	2.67E-04	3.45E-05	3.83E-03	2.69E-04	5.02E-03	3.69E-04	5.02E-03	3.69E-04	3.85E-03	2.71E-04	4.12E-03	2.94E-04	3.88E-03	2.73E-04	3.84E-03	2.70E-04	3.86E-03	2.72E-04	3.85E-03	2.71E-04	1.28E-01	1.66E-02	2.12E+00	1.62E-01
217 Gridded	4.74E-03	4.66E-04	4.73E-03	4.64E-04	4.89E-03	5.04E-04	4.89E-03	5.04E-04	2.51E-04	3.57E-05	4.73E-03	4.64E-04	5.38E-03	6.27E-04	5.38E-03	6.27E-04	4.74E-03	4.66E-04	4.89E-03	5.04E-04	4.76E-03	4.71E-04	4.74E-03	4.66E-04	4.75E-03	4.69E-04	4.74E-03	4.67E-04	1.31E-01	1.79E-02	2.52E+00	2.65E-01
218 Gridded	4.72E-03	6.51E-04	4.72E-03	6.49E-04	4.80E-03	6.87E-04	4.80E-03	6.87E-04	2.40E-04	3.39E-05	4.72E-03	6.49E-04	5.29E-03	8.04E-04	5.29E-03	8.04E-04	4.72E-03	6.52E-04	4.80E-03	6.87E-04	4.73E-03	6.56E-04	4.72E-03	6.51E-04	4.72E-03	6.54E-04	4.72E-03	6.52E-04	1.53E-01	1.77E-02	2.49E+00	3.50E-01
219 Gridded	7.71E-03	6.70E-04	7.68E-03	6.69E-04	8.13E-03	7.00E-04	8.13E-03	7.00E-04	3.92E-04	2.82E-05	7.69E-03	6.69E-04	9.48E-03	7.98E-04	9.48E-03	7.98E-04	7.71E-03	6.71E-04	8.13E-03	7.00E-04	7.76E-03	6.74E-04	7.70E-03	6.70E-04	7.74E-03	6.72E-04	7.72E-03	6.71E-04	1.57E-01	1.46E-02	4.30E+00	3.55E-01
220 Gridded	6.92E-03	5.34E-04	6.90E-03	5.33E-04	7.26E-03	5.49E-04	7.26E-03	5.49E-04	3.15E-04	2.37E-05	6.90E-03	5.33E-04	8.34E-03	5.96E-04	8.34E-03	5.96E-04	6.92E-03	5.34E-04	7.26E-03	5.49E-04	6.96E-03	5.36E-04	6.91E-03	5.34E-04	6.94E-03	5.35E-04	6.92E-03	5.34E-04	1.27E-01	1.39E-02	3.73E+00	2.82E-01
221 Gridded	3.92E-03	4.28E-04	3.91E-03	4.25E-04	4.02E-03	4.63E-04	4.02E-03	4.63E-04	2.94E-04	3.35E-05	3.91E-03	4.26E-04	4.48E-03	5.79E-04	4.48E-03	5.79E-04	3.92E-03	4.28E-04	4.02E-03	4.63E-04	3.93E-03	4.32E-04	3.92E-03	4.27E-04	3.93E-03	4.30E-04	3.92E-03	4.28E-04	1.35E-01	1.58E-02	2.07E+00	2.26E-01
222 Gridded	4.27E-03	6.43E-04	4.26E-03	6.40E-04	4.49E-03	6.90E-04	4.49E-03	6.90E-04	2.93E-04	4.40E-05	4.26E-03	6.41E-04	5.26E-03	8.42E-04	5.26E-03	8.42E-04	4.27E-03	6.43E-04	4.49E-03	6.90E-04	4.30E-03	6.49E-04	4.27E-03	6.42E-04	4.28E-03	6.46E-04	4.27E-03	6.44E-04	1.37E-01	1.21E-02	2.25E+00	3.38E-01
223 Gridded	5.70E-03	8.04E-04	5.68E-03	8.01E-04	6.05E-03	8.40E-04	6.05E-03	8.40E-04	3.25E-04	3.44E-05	5.68E-03	8.02E-04	7.17E-03	9.59E-04	7.17E-03	9.59E-04	5.70E-03	8.04E-04	6.05E-03	8.40E-04	5.74E-03	8.08E-04	5.69E-03	8.03E-04	5.72E-03	8.06E-04	5.71E-03	8.04E-04	1.38E-01	9.96E-03	3.00E+00	4.23E-01
224 Gridded	5.53E-03	5.60E-04	5.52E-03	5.59E-04	5.68E-03	5.75E-04	5.68E-03	5.75E-04	2.37E-04	1.88E-05	5.52E-03	5.60E-04	6.24E-03	6.22E-04	6.24E-03	6.22E-04	5.53E-03	5.61E-04	5.68E-03	5.75E-04	5.55E-03	5.62E-04	5.52E-03	5.60E-04	5.54E-03	5.61E-04	5.53E-03	5.61E-04	1.05E-01	8.36E-03	2.95E+00	2.95E-01
225 Gridded	3.73E-03	2.89E-04	3.73E-03	2.89E-04	3.84E-03	3.00E-04	3.84E-03	3.00E-04	2.31E-04	1.81E-05	3.73E-03	2.89E-04	4.36E-03	3.33E-04	4.36E-03	3.33E-04	3.73E-03	2.89E-04	3.84E-03	3.00E-04	3.73E-03	2.91E-04	3.73E-03	2.89E-04	3.73E-03	2.90E-04	3.73E-03	2.89E-04	1.02E-01	8.85E-03	2.18E+00	1.60E-01
226 Gridded	4.84E-03	3.62E-04	4.82E-03	3.60E-04	5.13E-03	3.82E-04	5.13E-03	3.82E-04	2.74E-04	1.89E-05	4.82E-03	3.61E-04	6.07E-03	4.47E-04	6.07E-03	4.47E-04	4.84E-03	3.62E-04	5.13E-03	3.82E-04	4.87E-03	3.64E-04	4.83E-03	3.61E-04	4.86E-03	3.63E-04	4.84E-03	3.62E-04	1.15E-01	8.48E-03	2.71E+00	2.03E-01
227 Gridded	4.82E-03	3.47E-04	4.80E-03	3.46E-04	5.07E-03	3.66E-04	5.07E-03	3.66E-04	2.37E-04	1.74E-05	4.81E-03	3.46E-04	5.89E-03	4.26E-04	5.89E-03	4.26E-04	4.82E-03	3.47E-04	5.07E-03	3.66E-04	4.85E-03	3.50E-04	4.82E-03	3.47E-04	4.84E-03	3.48E-04	4.82E-03	3.48E-04	1.24E-01	8.56E-03	2.70E+00	1.98E-01
228 Gridded	3.38E-03	2.79E-04	3.37E-03	2.78E-04	3.44E-03	2.96E-04	3.44E-03	2.96E-04	2.07E-04	1.64E-05	3.37E-03	2.79E-04	3.64E-03	3.49E-04	3.64E-03	3.49E-04	3.38E-03	2.80E-04	3.44E-03	2.96E-04	3.39E-03	2.81E-04	3.38E-03	2.79E-04	3.38E-03	2.80E-04	3.38E-03	2.80E-04	1.17E-01	8.16E-03	1.79E+00	1.62E-01
229 Gridded	3.69E-03	3.08E-04	3.68E-03	3.07E-04	3.92E-03	3.26E-04	3.92E-03	3.26E-04	2.16E-04	1.81E-05	3.68E-03	3.07E-04	4.67E-03	3.82E-04	4.67E-03	3.82E-04	3.69E-03	3.09E-04	3.92E-03	3.26E-04	3.72E-03	3.11E-04	3.69E-03	3.08E-04	3.71E-03	3.09E-04	3.70E-03	3.09E-04	9.40E-02	1.10E-02	2.11E+00	1.75E-01
230 Gridded	3.15E-03	3.17E-04	3.14E-03	3.16E-04	3.27E-03	3.38E-04	3.27E-03	3.38E-04	1.90E-04	1.96E-05	3.14E-03	3.16E-04	3.86E-03	4.06E-04	3.86E-03	4.06E-04	3.15E-03	3.17E-04	3.27E-03	3.38E-04	3.16E-03	3.20E-04	3.14E-03	3.17E-04	3.15E-03	3.18E-04	3.15E-03	3.17E-04	1.29E-01	1.18E-02	1.78E+00	1.89E-01
231 Gridded	4.03E-03	3.62E-04	4.02E-03	3.60E-04	4.25E-03	3.88E-04	4.25E-03	3.88E-04	2.51E-04	2.50E-05	4.02E-03	3.60E-04	4.95E-03	4.74E-04	4.95E-03	4.74E-04	4.03E-03	3.62E-04	4.25E-03	3.88E-04	4.06E-03	3.65E-04	4.03E-03	3.61E-04	4.05E-03	3.63E-04	4.04E-03	3.62E-04	1.01E-01	1.25E-02	2.31E+00	2.12E-01
232 Gridded	3.45E-03	3.85E-04	3.43E-03	3.84E-04	3.64E-03	4.09E-04	3.64E-03	4.09E-04	1.86E-04	2.24E-05	3.43E-03	3.84E-04	4.28E-03	4.86E-04	4.28E-03	4.86E-04	3.45E-03	3.85E-04	3.64E-03	4.09E-04	3.47E-03	3.88E-04	3.44E-03	3.85E-04	3.46E-03	3.87E-04	3.45E-03	3.85E-04	9.37E-02	9.71E-03	1.95E+00	2.20E-01
233 Gridded	2.53E-03	2.57E-04	2.52E-03	2.56E-04	2.65E-03	2.70E-04	2.65E-03	2.70E-04	1.54E-04	1.50E-05	2.53E-03	2.56E-04	3.05E-03	3.22E-04	3.05E-03	3.22E-04	2.53E-03	2.57E-04	2.65E-03	2.70E-04	2.55E-03	2.58E-04	2.53E-03	2.57E-04	2.54E-03	2.58E-04	2.53E-03	2.57E-04	6.77E-02	9.20E-03	1.41E+00	1.48E-01
234 Gridded	2.41E-03	2.50E-04	2.40E-03	2.49E-04	2.49E-03	2.62E-04	2.49E-03	2.62E-04	1.47E-04	1.23E-05	2.40E-03	2.49E-04	2.87E-03	3.04E-04	2.87E-03	3.04E-04	2.41E-03	2.50E-04	2.49E-03	2.62E-04	2.42E-03	2.51E-04	2.40E-03	2.49E-04	2.41E-03	2.51E-04	2.41E-03	2.50E-04	1.05E-01	8.78E-03	1.38E+00	1.49E-01
235 Gridded	2.27E-03	2.87E-04	2.27E-03	2.86E-04	2.33E-03	2.99E-04	2.33E-03	2.99E-04	1.28E-04	1.73E-05	2.27E-03	2.86E-04	2.59E-03	3.46E-04	2.59E-03	3.46E-04	2.27E-03	2.87E-04	2.33E-03	2.99E-04	2.27E-03	2.88E-04	2.27E-03	2.86E-04	2.27E-03	2.87E-04	2.27E-03	2.87E-04	9.60E-02	7.69E-03	1.32E+00	1.66E-01
236 Gridded	2.93E-03	3.48E-04	2.92E-03	3.47E-04	2.98E-03	3.67E-04	2.98E-03	3.67E-04	1.38E-04	1.79E-05	2.92E-03	3.47E-04	3.15E-03	4.29E-04	3.15E-03	4.29E-04	2.93E-03	3.48E-04	2.98E-03	3.67E-04	2.93E-03	3.51E-04	2.93E-03	3.48E-04	2.93E-03	3.49E-04	2.93E-03	3.49E-04	6.69E-02	7.59E-03	1.69E+00	1.92E-01
237 Gridded	2.75E-03	3.03E-04	2.74E-03	3.02E-04	2.86E-03	3.18E-04	2.86E-03	3.18E-04	1.46E-04	1.45E-05	2.75E-03	3.02E-04	3.22E-03	3.68E-04	3.22E-03	3.68E-04	2.75E-03	3.03E-04	2.86E-03	3.18E-04	2.77E-03	3.05E-04	2.75E-03	3.02E-04	2.76E-03	3.04E-04	2.75E-03	3.03E-04	6.65E-02	7.62E-03	1.58E+00	1.66E-01
238 Gridded	2.61E-03	2.22E-04	2.61E-03	2.21E-04	2.69E-03	2.34E-04	2.69E-03	2.34E-04	1.61E-04	1.24E-05	2.61E-03	2.22E-04	2.94E-03	2.74E-04	2.94E-03	2.74E-04	2.61E-03	2.22E-04	2.69E-03	2.34E-04	2.62E-03	2.24E-04	2.61E-03	2.22E-04	2.62E-03	2.23E-04	2.61E-03	2.22E-04	9.65E-02	8.20E-03	1.52E+00	1.29E-01
239 Gridded	3.34E-03	2.46E-04	3.33E-03	2.45E-04	3.56E-03	2.62E-04	3.56E-03	2.62E-04	2.08E-04	1.52E-05	3.33E-03	2.45E-04	4.28E-03	3.15E-04	4.28E-03	3.15E-04	3.34E-03	2.46E-04	3.56E-03	2.62E-04	3.37E-03	2.48E-04	3.34E-03	2.46E-04	3.35E-03	2.47E-04	3.34E-03	2.46E-04	1.03E-01	9.39E-03	1.78E+00	1.41E-01
240 Gridded	3.46E-03	2.95E-04	3.45E-03	2.94E-04	3.64E-03	3.12E-04	3.64E-03	3.12E-04	1.65E-04	1.61E-05	3.45E-03	2.94E-04	4.21E-03	3.67E-04	4.21E-03	3.67E-04	3.46E-03	2.95E-04	3.64E-03	3.12E-04	3.48E-03	2.97E-04	3.46E-03	2.94E-04	3.47E-03	2.96E-04	3.46E-03	2.95E-04	8.52E-02	1.10E-02	1.84E+00	1.68E-01
241 Gridded	2.66E-03	2.97E-04	2.66E-03	2.96E-04	2.79E-03	3.12E-04	2.79E-03	3.12E-04	1.20E-04	1.63E-05	2.66E-03	2.97E-04	3.21E-03	3.60E-04	3.21E-03	3.60E-04	2.67E-03	2.97E-04	2.79E-03	3.12E-04	2.68E-03	2.99E-04	2.66E-03	2.97E-04	2.67E-03	2.98E-04	2.67E-03	2.98E-04	9.64E-02	1.24E-02	1.54E+00	1.70E-01
242 Gridded	2.24E-03	3.38E-04	2.24E-03	3.36E-04	2.36E-03	3.57E-04	2.36E-03	3.57E-04	1.64E-04	1.83E-05	2.24E-03	3.37E-04	2.75E-03	4.20E-04	2.75E-03	4.20E-04	2.24E-03	3.38E-04	2.36E-03	3.57E-04	2.26E-03	3.40E-04	2.24E-03	3.37E-04	2.25E-03	3.39E-04	2.25E-03	3.38E-04	1.12E-01	1.17E-02	1.26E+00	1.94E-01
243 Gridded	2.46E-03	3.49E-04	2.45E-03	3.47E-04	2.56E-03	3.68E-04	2.56E-03	3.68E-04	2.17E-04	2.60E-05	2.45E-03	3.48E-04	2.88E-03	4.31E-04	2.88E-03	4.31E-04	2.46E-03	3.49E-04	2.56E-03	3.68E-04	2.47E-03	3.51E-04	2.46E-03	3.48E-04	2.46E-03	3.50E-04	2.46E-03	3.49E-04	9.16E-02	8.94E-03	1.42E+00	1.97E-01
244 Gridded	2.64E-03	3.29E-04	2.63E-03	3.28E-04	2.77E-03	3.47E-04	2.77E-03	3.47E-04	2.40E-04	3.67E-05	2.63E-03	3.28E-04	3.20E-03	4.04E-04	3.20E-03	4.04E-04	2.64E-03	3.29E-04	2.77E-03	3.47E-04	2.66E-03	3.31E-04	2.64E-03	3.29E-04	2.65E-03	3.30E-04	2.64E-03	3.29E-04	7.04E-02	8.92E-03	1.49E+00	1.82E-01
245 Gridded	3.93E-03	2.73E-04	3.91E-03	2.73E-04	4.16E-03	3.12E-04	4.16E-03	3.12E-04	3.69E-04	3.99E-05	3.92E-03	2.73E-04	4.91E-03	4.50E-04	4.91E-03	4.50E-04	3.93E-03	2.74E-04	4.16E-03	3.12E-04	3.96E-03	2.75E-04	3.92E-03	2.73E-04	3.94E-03	2.74E-04	3.93E-03	2.74E-04	8.42E-02	1.10E-02	2.26E+00	1.49E-01
246 Gridded	4.30E-03	3.51E-04	4.29E-03	3.49E-04	4.45E-03	3.82E-04	4.45E-03	3.82E-04	2.98E-04	2.91E-05	4.29E-03	3.49E-04	4.95E-03	4.82E-04	4.95E-03	4.82E-04	4.30E-03	3.51E-04	4.45E-03	3.82E-04	4.32E-03	3.55E-04	4.30E-03	3.50E-04	4.31E-03	3.53E-04	4.30E-03	3.51E-04	7.95E-02	1.02E-02	2.42E+00	1.84E-01
247 Gridded	4.29E-03	3.95E-04	4.27E-03	3.94E-04	4.51E-03	4.15E-04	4.51E-03	4.15E-04	2.12E-04	1.86E-05	4.27E-03	3.94E-04	5.24E-03	4.79E-04	5.24E-03	4.79E-04	4.29E-03	3.95E-04	4.51E-03	4.15E-04	4.31E-03	3.98E-04	4.28E-03	3.95E-04	4.30E-03	3.97E-04	4.29E-03	3.96E-04	9.29E-02	8.82E-03	2.40E+00	2.09E-01
248 Gridded	5.21E-03	4.31E-04	5.19E-03	4.29E-04	5.44E-03	4.53E-04	5.44E-03	4.53E-04	2.22E-04	2.08E-05	5.19E-03	4.30E-04	6.21E-03	5.24E-04	6.21E-03	5.24E-04	5.21E-03	4.31E-04	5.44E-03	4.53E-04	5.24E-03	4.33E-04	5.20E-03	4.30E-04	5.22E-03	4.32E-04	5.21E-03	4.31E-04	8.88E-02	1.06E-02	2.91E+00	2.46E-01
249 Gridded	4.32E-03	4.46E-04	4.31E-03	4.45E-04	4.56E-03	4.75E-04	4.56E-03	4.75E-04	2.21E-04	2.69E-05	4.31E-03	4.45E-04	5.32E-03	5.68E-04	5.32E-03	5.68E-04	4.32E-03	4.47E-04	4.56E-03	4.75E-04	4.35E-03	4.50E-04	4.32E-03	4.46E-04	4.34E-03	4.48E-04	4.33E-03	4.47E-04	9.99E-02	1.42E-02	2.41E+00	2.58E-01
250 Gridded	5.33E-03	5.36E-04	5.33E-03	5.33E-04	5.33E-03	5.68E-04	5.33E-03	5.68E-04	1.99E-04	3.05E-05	5.33E-03	5.34E-04	5.34E-03	6.73E-04	5.34E-03	6.73E-04	5.33E-03	5.36E-04	5.33E-03	5.68E-04	5.33E-03	5.40E-04	5.33E-03	5.35E-04	5.33E-03	5.38E-04	5.33E-03	5.36E-04	9.46E-02	1.56E-02	2.83E+00	3.07E-01
251 Gridded	6.47E-03	5.14E-04	6.47E-03	5.12E-04	6.47E-03	5.44E-04	6.47E-03	5.44E-04	2.14E-04	3.00E-05	6.47E-03	5.12E-04	6.47E-03	6.43E-04	6.47E-03	6.43E-04	6.47E-03	5.14E-04	6.47E-03	5.44E-04	6.47E-03	5.18E-04	6.47E-03	5.13E-04	6.47E-03	5.16E-04	6.47E-03	5.14E-04	9.29E-02	1.53E-02	3.44E+00	2.96E-01
252 Gridded	4.59E-03	5.38E-04	4.59E-03	5.35E-04	4.59E-03	5.71E-04	4.59E-03	5.71E-04	1.74E-04	3.15E-05	4.59E-03	5.36E-04	4.59E-03	6.80E-04	4.59E-03	6.80E-04	4.59E-03	5.38E-04	4.59E-03	5.71E-04	4.59E-03	5.42E-04	4.59E-03	5.37E-04	4.59E-03	5.40E-04	4.59E-03	5.38E-04	7.99E-02	1.49E-02	2.45E+00	3.09E-01
253 Gridded	7.83E-03	5.35E-04	7.83E-03	5.33E-04	7.83E-03	5.65E-04	7.83E-03	5.65E-04	1.88E-04	2.87E-05	7.83E-03	5.33E-04	7.83E-03	6.64E-04	7.83E-03	6.64E-04	7.83E-03	5.35E-04	7.83E-03	5.65E-04	7.83E-03	5.38E-04	7.83E-03	5.34E-04	7.83E-03	5.36E-04	7.83E-03	5.35E-04	8.45E-02	1.34E-02	4.18E+00	3.04E-01
254 Gridded	6.54E-03	4.27E-04	6.54E-03	4.25E-04	6.54E-03	4.50E-04	6.54E-03	4.50E-04	2.14E-04	2.53E-05	6.54E-03	4.26E-04	6.54E-03	5.26E-04	6.54E-03	5.26E-04	6.54E-03	4.27E-04	6.54E-03	4.50E-04	6.54E-03	4.30E-04	6.54E-03	4.26E-04	6.54E-03	4.28E-04	6.54E-03	4.27E-04	6.99E-02	1.31E-02	3.49E+00	2.42E-01
255 Gridded	3.24E-03	4.43E-04	3.24E-03	4.42E-04	3.25E-03	4.71E-04	3.25E-03	4.71E-04	1.70E-04	2.63E-05	3.24E-03	4.42E-04	3.42E-03	5.62E-04	3.42E-03	5.62E-04	3.24E-03	4.43E-04	3.25E-03	4.71E-04	3.24E-03	4.47E-04	3.24E-03	4.43E-04	3.24E-03	4.45E-04	3.24E-03	4.44E-04	5.62E-02	1.52E-02	1.75E+00	2.58E-01
256 Gridded	3.14E-03	4.77E-04	3.13E-03	4.75E-04	3.32E-03	5.05E-04	3.32E-03	5.05E-04	1.98E-04	2.65E-05	3.13E-03	4.76E-04	3.88E-03	5.97E-04	3.88E-03	5.97E-04	3.14E-03	4.77E-04	3.32E-03	5.05E-04	3.16E-03	4.81E-04	3.14E-03	4.77E-04	3.15E-03	4.79E-04	3.14E-03	4.78E-04	6.86E-02	1.06E-02	1.74E+00	2.65E-01
257 Gridded	3.33E-03	4.51E-04	3.33E-03	4.50E-04	3.38E-03	4.70E-04	3.38E-03	4.70E-04	1.98E-04	2.24E-05	3.33E-03	4.50E-04	3.71E-03	5.34E-04	3.71E-03	5.34E-04	3.33E-03	4.51E-04	3.38E-03	4.70E-04	3.34E-03	4.53E-04	3.33E-03	4.50E-04	3.34E-03	4.52E-04	3.33E-03	4.51E-04	7.32E-02	1.19E-02	1.77E+00	2.46E-01
258 Gridded	4.95E-03	3.89E-04	4.94E-03	3.88E-04	4.99E-03	4.04E-04	4.99E-03	4.04E-04	1.75E-04	1.80E-05	4.94E-03	3.88E-04	5.15E-03	4.51E-04	5.15E-03	4.51E-04	4.95E-03	3.89E-04	4.99E-03	4.04E-04	4.95E-03	3.91E-04	4.95E-03	3.89E-04	4.95E-03	3.90E-04	4.95E-03	3.89E-04	7.85E-02	1.21E-02	2.61E+00	2.12E-01
259 Gridded	6.26E-03	3.20E-04	6.26E-03	3.19E-04	6.31E-03	3.33E-04	6.31E-03	3.33E-04	2.29E-04	1.80E-05	6.26E-03	3.19E-04	6.48E-03	3.77E-04	6.48E-03	3.77E-04	6.26E-03	3.20E-04	6.31E-03	3.33E-04	6.27E-03	3.22E-04	6.26E-03	3.20E-04	6.27E-03	3.21E-04	6.26E-03	3.20E-04	8.02E-02	1.11E-02	3.30E+00	1.78E-01
260 Gridded	6.65E-03	3.30E-04	6.64E-03	3.29E-04	6.70E-03	3.34E-04	6.70E-03	3.34E-04	2.66E-04	1.86E-05	6.64E-03	3.30E-04	6.90E-03	3.87E-04	6.90E-03	3.87E-04	6.65E-03	3.30E-04	6.70E-03	3.34E-04	6.65E-03	3.30E-04	6.64E-03	3.30E-04	6.65E-03	3.30E-04	6.65E-03	3.30E-04	8.57E-02	1.07E-02	3.49E+00	1.75E-01
261 Gridded	5.82E-03	3.18E-04	5.82E-03	3.17E-04	5.90E-03	3.34E-04	5.90E-03	3.34E-04	2.22E-04	1.79E-05	5.82E-03	3.17E-04	6.13E-03	3.85E-04	6.13E-03	3.85E-04	5.82E-03	3.18E-04	5.90E-03	3.34E-04	5.83E-03	3.20E-04	5.82E-03	3.18E-04	5.83E-03	3.19E-04	5.82E-03	3.18E-04	9.18E-02	1.14E-02	3.06E+00	1.76E-01
262 Gridded	4.67E-03	2.93E-04	4.66E-03	2.93E-04	4.76E-03	3.08E-04	4.76E-03	3.08E-04	1.71E-04	1.74E-05	4.66E-03	2.93E-04	5.05E-03	3.68E-04	5.05E-03	3.68E-04	4.67E-03	2.93E-04	4.76E-03	3.08E-04	4.68E-03	2.94E-04	4.66E-03	2.93E-04	4.67E-03	2.94E-04	4.67E-03	2.93E-04	8.68E-02	1.24E-02	2.45E+00	1.65E-01
263 Gridded	3.57E-03	2.86E-04	3.56E-03	2.85E-04	3.68E-03	3.04E-04	3.68E-03	3.04E-04	1.50E-04	1.76E-05	3.57E-03	2.85E-04	4.02E-03	3.63E-04	4.02E-03	3.63E-04	3.57E-03	2.86E-04	3.68E-03	3.04E-04	3.59E-03	2.88E-04	3.57E-03	2.86E-04	3.58E-03	2.87E-04	3.57E-03	2.86E-04	9.41E-02	1.57E-02	1.87E+00	1.58E-01
264 Gridded	3.42E-03	3.57E-04	3.42E-03	3.55E-04	3.46E-03	3.77E-04	3.46E-03	3.77E-04	1.93E-04	2.04E-05	3.42E-03	3.56E-04	3.62E-03	4.42E-04	3.62E-03	4.42E-04	3.42E-03	3.57E-04	3.46E-03	3.77E-04	3.43E-03	3.59E-04	3.42E-03	3.56E-04	3.42E-03	3.58E-04	3.42E-03	3.57E-04	1.21E-01	1.85E-02	1.84E+00	2.05E-01
265 Gridded	3.62E-03	3.82E-04	3.62E-03	3.80E-04	3.62E-03	4.00E-04	3.62E-03	4.00E-04	2.09E-04	2.01E-05	3.62E-03	3.81E-04	3.86E-03	4.61E-04	3.86E-03	4.61E-04	3.62E-03	3.82E-04	3.62E-03	4.00E-04	3.62E-03	3.84E-04	3.62E-03	3.81E-04	3.62E-03	3.83E-04	3.62E-03	3.82E-04	1.66E-01	1.72E-02	2.04E+00	2.14E-01
266 Gridded	3.15E-03	2.99E-04	3.15E-03	2.98E-04	3.23E-03	3.14E-04	3.23E-03	3.14E-04	1.99E-04	1.70E-05	3.15E-03	2.98E-04	3.74E-03	3.64E-04	3.74E-03	3.64E-04	3.15E-03	2.99E-04	3.23E-03	3.14E-04	3.16E-03	3.01E-04	3.15E-03	2.99E-04	3.15E-03	3.00E-04	3.15E-03	2.99E-04	1.58E-01	1.97E-02	1.71E+00	1.61E-01
267 Gridded	3.34E-03	2.63E-04	3.33E-03	2.62E-04	3.48E-03	2.78E-04	3.48E-03	2.78E-04	2.82E-04	2.97E-05	3.33E-03	2.62E-04	4.23E-03	3.27E-04	4.23E-03	3.27E-04	3.34E-03	2.63E-04	3.48E-03	2.78E-04	3.35E-03	2.65E-04	3.33E-03	2.63E-04	3.35E-03	2.64E-04	3.34E-03	2.63E-04	1.12E-01	1.87E-02	1.75E+00	1.51E-01
268 Gridded	4.89E-03	3.67E-04	4.87E-03	3.66E-04	5.15E-03	4.01E-04	5.15E-03	4.01E-04	2.69E-04	3.93E-05	4.87E-03	3.66E-04	6.01E-03	5.37E-04	6.01E-03	5.37E-04	4.89E-03	3.67E-04	5.15E-03	4.01E-04	4.92E-03	3.71E-04	4.88E-03	3.67E-04	4.90E-03	3.69E-04	4.89E-03	3.68E-04	1.42E-01	1.89E-02	2.63E+00	2.19E-01

Scenario 2 Results

269	Gridded	5.82E-03	6.81E-04	5.80E-03	6.78E-04	6.10E-03	7.23E-04	6.10E-03	7.23E-04	3.16E-04	3.99E-05	5.80E-03	6.79E-04	7.03E-03	8.61E-04	7.03E-03	8.61E-04	5.82E-03	6.81E-04	6.10E-03	7.23E-04	5.85E-03	6.86E-04	5.81E-03	6.80E-04	5.83E-03	6.83E-04	5.82E-03	6.81E-04	1.49E-01	2.00E-02	3.08E+00	3.72E-01
270	Gridded	6.61E-03	7.25E-04	6.59E-03	7.22E-04	6.99E-03	7.60E-04	6.99E-03	7.60E-04	3.95E-04	3.35E-05	6.59E-03	7.23E-04	8.22E-03	8.76E-04	8.22E-03	8.76E-04	6.61E-03	7.25E-04	6.99E-03	7.60E-04	6.66E-03	7.29E-04	6.61E-03	7.24E-04	6.64E-03	7.27E-04	6.62E-03	7.25E-04	1.68E-01	1.75E-02	3.77E+00	3.86E-01
271	Gridded	8.46E-03	6.80E-04	8.44E-03	6.79E-04	8.88E-03	7.03E-04	8.88E-03	7.03E-04	3.88E-04	3.05E-05	8.44E-03	6.79E-04	1.02E-02	7.77E-04	1.02E-02	7.77E-04	8.47E-03	6.80E-04	8.88E-03	7.03E-04	8.52E-03	6.83E-04	8.46E-03	6.80E-04	8.49E-03	6.81E-04	8.47E-03	6.80E-04	1.67E-01	1.41E-02	4.60E+00	3.60E-01
272	Gridded	4.48E-03	4.48E-04	4.47E-03	4.45E-04	4.66E-03	4.84E-04	4.66E-03	4.84E-04	3.23E-04	3.44E-05	4.47E-03	4.46E-04	5.23E-03	6.03E-04	5.23E-03	6.03E-04	4.48E-03	4.48E-04	4.66E-03	4.84E-04	4.51E-03	4.52E-04	4.48E-03	4.47E-04	4.49E-03	4.50E-04	4.49E-03	4.48E-04	1.59E-01	1.71E-02	2.37E+00	2.38E-01
273	Gridded	4.04E-03	6.21E-04	4.02E-03	6.18E-04	4.30E-03	6.71E-04	4.30E-03	6.71E-04	2.87E-04	4.66E-05	4.03E-03	6.19E-04	5.15E-03	8.32E-04	5.15E-03	8.32E-04	4.04E-03	6.22E-04	4.30E-03	6.71E-04	4.07E-03	6.28E-04	4.03E-03	6.20E-04	4.06E-03	6.24E-04	4.04E-03	6.22E-04	1.54E-01	1.45E-02	2.13E+00	3.27E-01
274	Gridded	5.34E-03	8.20E-04	5.32E-03	8.18E-04	5.68E-03	8.62E-04	5.68E-03	8.62E-04	3.48E-04	3.88E-05	5.33E-03	8.18E-04	6.88E-03	9.95E-04	6.88E-03	9.95E-04	5.34E-03	8.21E-04	5.68E-03	8.62E-04	5.38E-03	8.26E-04	5.34E-03	8.20E-04	5.36E-03	8.23E-04	5.35E-03	8.21E-04	1.39E-01	1.13E-02	2.82E+00	4.32E-01
275	Gridded	5.96E-03	6.36E-04	5.95E-03	6.35E-04	6.14E-03	6.53E-04	6.14E-03	6.53E-04	2.36E-04	1.95E-05	5.95E-03	6.35E-04	6.71E-03	7.09E-04	6.71E-03	7.09E-04	5.96E-03	6.36E-04	6.14E-03	6.53E-04	5.98E-03	6.38E-04	5.96E-03	6.36E-04	5.97E-03	6.37E-04	5.96E-03	6.36E-04	1.25E-01	8.48E-03	3.14E+00	3.36E-01
276	Gridded	3.89E-03	3.18E-04	3.88E-03	3.17E-04	4.08E-03	3.30E-04	4.08E-03	3.30E-04	2.17E-04	1.83E-05	3.88E-03	3.17E-04	4.67E-03	3.68E-04	4.67E-03	3.68E-04	3.89E-03	3.18E-04	4.08E-03	3.30E-04	3.91E-03	3.20E-04	3.89E-03	3.18E-04	3.90E-03	3.19E-04	3.89E-03	3.18E-04	1.02E-01	9.22E-03	2.17E+00	1.76E-01
277	Gridded	4.66E-03	3.70E-04	4.64E-03	3.68E-04	4.96E-03	3.90E-04	4.96E-03	3.90E-04	2.75E-04	1.95E-05	4.65E-03	3.68E-04	5.90E-03	4.58E-04	5.90E-03	4.58E-04	4.66E-03	3.70E-04	4.96E-03	3.90E-04	4.70E-03	3.72E-04	4.66E-03	3.69E-04	4.68E-03	3.71E-04	4.67E-03	3.70E-04	1.18E-01	8.89E-03	2.63E+00	2.08E-01
278	Gridded	4.69E-03	3.47E-04	4.67E-03	3.46E-04	4.95E-03	3.66E-04	4.95E-03	3.66E-04	2.42E-04	1.77E-05	4.67E-03	3.46E-04	5.78E-03	4.27E-04	5.78E-03	4.27E-04	4.69E-03	3.47E-04	4.95E-03	3.66E-04	4.72E-03	3.49E-04	4.68E-03	3.47E-04	4.70E-03	3.48E-04	4.69E-03	3.47E-04	1.25E-01	9.02E-03	2.65E+00	1.99E-01
279	Gridded	3.43E-03	2.81E-04	3.42E-03	2.80E-04	3.49E-03	2.98E-04	3.49E-03	2.98E-04	2.16E-04	1.69E-05	3.42E-03	2.80E-04	3.70E-03	3.52E-04	3.70E-03	3.52E-04	3.43E-03	2.81E-04	3.49E-03	2.98E-04	3.44E-03	2.83E-04	3.43E-03	2.80E-04	3.43E-03	2.82E-04	3.43E-03	2.81E-04	1.22E-01	8.64E-03	1.82E+00	1.64E-01
280	Gridded	3.76E-03	3.17E-04	3.74E-03	3.15E-04	3.99E-03	3.35E-04	3.99E-03	3.35E-04	2.17E-04	1.87E-05	3.74E-03	3.16E-04	4.74E-03	3.93E-04	4.74E-03	3.93E-04	3.76E-03	3.17E-04	3.99E-03	3.35E-04	3.78E-03	3.19E-04	3.75E-03	3.16E-04	3.77E-03	3.18E-04	3.76E-03	3.17E-04	1.02E-01	1.15E-02	2.14E+00	1.83E-01
281	Gridded	3.24E-03	3.29E-04	3.22E-03	3.27E-04	3.45E-03	3.50E-04	3.45E-03	3.50E-04	2.02E-04	2.01E-05	3.22E-03	3.27E-04	4.15E-03	4.19E-04	4.15E-03	4.19E-04	3.24E-03	3.29E-04	3.45E-03	3.50E-04	3.26E-03	3.31E-04	3.23E-03	3.28E-04	3.25E-03	3.30E-04	3.24E-03	3.29E-04	1.30E-01	1.22E-02	1.94E+00	1.95E-01
282	Gridded	3.93E-03	3.62E-04	3.92E-03	3.60E-04	4.15E-03	3.89E-04	4.15E-03	3.89E-04	2.38E-04	2.51E-05	3.92E-03	3.60E-04	4.85E-03	4.75E-04	4.85E-03	4.75E-04	3.93E-03	3.62E-04	4.15E-03	3.89E-04	3.96E-03	3.65E-04	3.93E-03	3.61E-04	3.94E-03	3.64E-04	3.93E-03	3.62E-04	1.02E-01	1.24E-02	2.25E+00	2.12E-01
283	Gridded	2.99E-03	3.56E-04	2.98E-03	3.54E-04	3.17E-03	3.77E-04	3.17E-03	3.77E-04	1.65E-04	2.01E-05	2.99E-03	3.54E-04	3.72E-03	4.46E-04	3.72E-03	4.46E-04	3.00E-03	3.56E-04	3.17E-03	3.77E-04	3.02E-03	3.58E-04	2.99E-03	3.55E-04	3.01E-03	3.57E-04	3.00E-03	3.56E-04	9.33E-02	9.86E-03	1.71E+00	2.04E-01
284	Gridded	2.45E-03	2.56E-04	2.44E-03	2.55E-04	2.55E-03	2.72E-04	2.55E-03	2.72E-04	1.55E-04	1.52E-05	2.44E-03	2.55E-04	2.90E-03	3.25E-04	2.90E-03	3.25E-04	2.45E-03	2.56E-04	2.55E-03	2.72E-04	2.46E-03	2.58E-04	2.44E-03	2.56E-04	2.45E-03	2.57E-04	2.45E-03	2.56E-04	8.59E-02	9.73E-03	1.37E+00	1.48E-01
285	Gridded	2.51E-03	2.71E-04	2.51E-03	2.70E-04	2.57E-03	2.83E-04	2.57E-03	2.83E-04	1.31E-04	1.34E-05	2.51E-03	2.70E-04	2.94E-03	3.23E-04	2.94E-03	3.23E-04	2.51E-03	2.71E-04	2.57E-03	2.83E-04	2.52E-03	2.72E-04	2.51E-03	2.70E-04	2.52E-03	2.71E-04	2.51E-03	2.71E-04	1.10E-01	8.69E-03	1.44E+00	1.60E-01
286	Gridded	2.44E-03	3.11E-04	2.44E-03	3.10E-04	2.46E-03	3.31E-04	2.46E-03	3.31E-04	1.37E-04	1.89E-05	2.44E-03	3.10E-04	2.55E-03	3.96E-04	2.55E-03	3.96E-04	2.44E-03	3.11E-04	2.46E-03	3.31E-04	2.44E-03	3.14E-04	2.44E-03	3.11E-04	2.44E-03	3.12E-04	2.44E-03	3.11E-04	8.34E-02	8.06E-03	1.42E+00	1.75E-01
287	Gridded	3.06E-03	3.64E-04	3.06E-03	3.63E-04	3.13E-03	3.83E-04	3.13E-03	3.83E-04	1.39E-04	1.80E-05	3.06E-03	3.63E-04	3.35E-03	4.45E-04	3.35E-03	4.45E-04	3.06E-03	3.64E-04	3.13E-03	3.83E-04	3.07E-03	3.67E-04	3.06E-03	3.64E-04	3.07E-03	3.65E-04	3.06E-03	3.64E-04	6.89E-02	7.94E-03	1.77E+00	2.00E-01
288	Gridded	2.58E-03	2.85E-04	2.58E-03	2.84E-04	2.71E-03	3.00E-04	2.71E-03	3.00E-04	1.32E-04	1.38E-05	2.58E-03	2.85E-04	3.11E-03	3.47E-04	3.11E-03	3.47E-04	2.59E-03	2.85E-04	2.71E-03	3.00E-04	2.60E-03	2.87E-04	2.58E-03	2.85E-04	2.59E-03	2.86E-04	2.59E-03	2.86E-04	7.36E-02	8.21E-03	1.49E+00	1.57E-01
289	Gridded	2.95E-03	2.24E-04	2.95E-03	2.23E-04	3.05E-03	2.37E-04	3.05E-03	2.37E-04	1.86E-04	1.43E-05	2.95E-03	2.23E-04	3.38E-03	2.85E-04	3.38E-03	2.85E-04	2.95E-03	2.24E-04	3.05E-03	2.37E-04	2.96E-03	2.26E-04	2.95E-03	2.24E-04	2.96E-03	2.25E-04	2.95E-03	2.24E-04	1.06E-01	9.15E-03	1.71E+00	1.30E-01
290	Gridded	3.55E-03	2.82E-04	3.54E-03	2.81E-04	3.77E-03	3.00E-04	3.77E-03	3.00E-04	2.06E-04	1.67E-05	3.54E-03	2.81E-04	4.48E-03	3.58E-04	4.48E-03	3.58E-04	3.55E-03	2.82E-04	3.77E-03	3.00E-04	3.58E-03	2.84E-04	3.55E-03	2.82E-04	3.57E-03	2.83E-04	3.56E-03	2.82E-04	9.94E-02	1.06E-02	1.90E+00	1.61E-01
291	Gridded	3.04E-03	3.15E-04	3.03E-03	3.14E-04	3.18E-03	3.32E-04	3.18E-03	3.32E-04	1.45E-04	1.60E-05	3.03E-03	3.14E-04	3.65E-03	3.87E-04	3.65E-03	3.87E-04	3.04E-03	3.15E-04	3.18E-03	3.32E-04	3.05E-03	3.17E-04	3.03E-03	3.15E-04	3.04E-03	3.16E-04	3.04E-03	3.15E-04	8.39E-02	1.24E-02	1.62E+00	1.80E-01
292	Gridded	2.53E-03	3.34E-04	2.52E-03	3.33E-04	2.65E-03	3.54E-04	2.65E-03	3.54E-04	1.32E-04	1.87E-05	2.52E-03	3.33E-04	3.04E-03	4.18E-04	3.04E-03	4.18E-04	2.53E-03	3.34E-04	2.65E-03	3.54E-04	2.54E-03	3.36E-04	2.52E-03	3.33E-04	2.53E-03	3.35E-04	2.53E-03	3.34E-04	1.21E-01	1.32E-02	1.44E+00	1.93E-01
293	Gridded	2.43E-03	3.68E-04	2.42E-03	3.67E-04	2.52E-03	3.89E-04	2.52E-03	3.89E-04	1.75E-04	1.96E-05	2.42E-03	3.67E-04	2.81E-03	4.57E-04	2.81E-03	4.57E-04	2.43E-03	3.68E-04	2.52E-03	3.89E-04	2.44E-03	3.71E-04	2.43E-03	3.68E-04	2.43E-03	3.69E-04	2.43E-03	3.68E-04	1.20E-01	1.13E-02	1.41E+00	2.10E-01
294	Gridded	2.62E-03	3.64E-04	2.61E-03	3.62E-04	2.72E-03	3.83E-04	2.72E-03	3.83E-04	2.19E-04	2.84E-05	2.61E-03	3.62E-04	3.19E-03	4.48E-04	3.19E-03	4.48E-04	2.62E-03	3.64E-04	2.72E-03	3.83E-04	2.63E-03	3.66E-04	2.62E-03	3.63E-04	2.62E-03	3.65E-04	2.62E-03	3.64E-04	8.21E-02	8.41E-03	1.50E+00	2.03E-01
295	Gridded	2.79E-03	3.21E-04	2.78E-03	3.20E-04	2.92E-03	3.37E-04	2.92E-03	3.37E-04	2.97E-04	3.77E-05	2.78E-03	3.20E-04	3.67E-03	3.91E-04	3.67E-03	3.91E-04	2.79E-03	3.21E-04	2.92E-03	3.37E-04	2.80E-03	3.23E-04	2.78E-03	3.20E-04	2.80E-03	3.22E-04	2.79E-03	3.21E-04	8.70E-02	1.14E-02	1.55E+00	1.76E-01
296	Gridded	4.22E-03	2.75E-04	4.20E-03	2.74E-04	4.44E-03	2.97E-04	4.44E-03	2.97E-04	4.05E-04	3.91E-05	4.20E-03	2.74E-04	5.19E-03	4.32E-04	5.19E-03	4.32E-04	4.22E-03	2.75E-04	4.44E-03	2.97E-04	4.24E-03	2.77E-04	4.21E-03	2.75E-04	4.23E-03	2.76E-04	4.22E-03	2.75E-04	8.22E-02	1.16E-02	2.41E+00	1.41E-01
297	Gridded	3.71E-03	3.54E-04	3.71E-03	3.52E-04	3.81E-03	3.73E-04	3.81E-03	3.73E-04	2.83E-04	2.60E-05	3.71E-03	3.53E-04	4.20E-03	4.56E-04	4.20E-03	4.56E-04	3.71E-03	3.54E-04	3.81E-03	3.73E-04	3.71E-03	3.56E-04	3.71E-03	3.53E-04	3.71E-03	3.55E-04	3.71E-03	3.54E-04	8.57E-02	9.03E-03	2.06E+00	1.83E-01
298	Gridded	4.82E-03	4.22E-04	4.80E-03	4.20E-04	5.06E-03	4.43E-04	5.06E-03	4.43E-04	2.36E-04	2.04E-05	4.80E-03	4.21E-04	5.87E-03	5.14E-04	5.87E-03	5.14E-04	4.82E-03	4.22E-04	5.06E-03	4.43E-04	4.85E-03	4.24E-04	4.81E-03	4.21E-04	4.83E-03	4.23E-04	4.82E-03	4.22E-04	9.72E-02	1.08E-02	2.67E+00	2.31E-01
299	Gridded	4.79E-03	5.04E-04	4.78E-03	5.03E-04	4.99E-03	5.30E-04	4.99E-03	5.30E-04	2.49E-04	2.77E-05	4.78E-03	5.03E-04	5.79E-03	6.13E-04	5.79E-03	6.13E-04	4.80E-03	5.05E-04	4.99E-03	5.30E-04	4.82E-03	5.08E-04	4.79E-03	5.04E-04	4.81E-03	5.06E-04	4.80E-03	5.05E-04	1.10E-01	1.49E-02	2.66E+00	2.88E-01
300	Gridded	4.58E-03	5.82E-04	4.56E-03	5.80E-04	4.83E-03	6.18E-04	4.83E-03	6.18E-04	2.34E-04	3.39E-05	4.56E-03	5.80E-04	5.63E-03	7.35E-04	5.63E-03	7.35E-04	4.58E-03	5.82E-04	4.83E-03	6.18E-04	4.61E-03	5.86E-04	4.57E-03	5.81E-04	4.59E-03	5.84E-04	4.58E-03	5.82E-04	1.01E-01	1.75E-02	2.61E+00	3.34E-01
301	Gridded	5.92E-03	5.86E-04	5.92E-03	5.84E-04	5.92E-03	6.21E-04	5.92E-03	6.21E-04	2.32E-04	3.24E-05	5.92E-03	5.84E-04	5.92E-03	7.32E-04	5.92E-03	7.32E-04	5.92E-03	5.86E-04	5.92E-03	6.21E-04	5.92E-03	5.90E-04	5.92E-03	5.85E-04	5.92E-03	5.88E-04	5.92E-03	5.86E-04	1.05E-01	1.64E-02	3.15E+00	3.36E-01
302	Gridded	5.25E-03	5.27E-04	5.25E-03	5.25E-04	5.25E-03	5.60E-04	5.25E-03	5.60E-04	1.68E-04	3.08E-05	5.25E-03	5.25E-04	5.25E-03	6.66E-04	5.25E-03	6.66E-04	5.25E-03	5.27E-04	5.25E-03	5.60E-04	5.25E-03	5.31E-04	5.25E-03	5.27E-04	5.25E-03	5.29E-04	5.25E-03	5.28E-04	7.97E-02	1.54E-02	2.79E+00	3.04E-01
303	Gridded	4.95E-03	4.83E-04	4.95E-03	4.81E-04	4.95E-03	5.10E-04	4.95E-03	5.10E-04	1.56E-04	2.60E-05	4.95E-03	4.81E-04	4.95E-03	6.00E-04	4.95E-03	6.00E-04	4.95E-03	4.83E-04	4.95E-03	5.10E-04	4.95E-03	4.86E-04	4.95E-03	4.82E-04	4.95E-03	4.84E-04	4.95E-03	4.83E-04	8.73E-02	1.38E-02	2.64E+00	2.76E-01
304	Gridded	5.87E-03	3.96E-04	5.87E-03	3.95E-04	5.87E-03	4.18E-04	5.87E-03	4.18E-04	2.08E-04	2.65E-05	5.87E-03	3.95E-04	5.87E-03	4.90E-04	5.87E-03	4.90E-04	5.87E-03	3.96E-04	5.87E-03	4.18E-04	5.87E-03	3.99E-04	5.87E-03	3.96E-04	5.87E-03	3.97E-04	5.87E-03	3.96E-04	7.22E-02	1.35E-02	3.13E+00	2.26E-01
305	Gridded	3.79E-03	4.52E-04	3.79E-03	4.50E-04	3.79E-03	4.82E-04	3.79E-03	4.82E-04	2.27E-04	2.80E-05	3.79E-03	4.50E-04	3.88E-03	5.78E-04	3.88E-03	5.78E-04	3.79E-03	4.52E-04	3.79E-03	4.82E-04	3.79E-03	4.56E-04	3.79E-03	4.51E-04	3.79E-03	4.54E-04	3.79E-03	4.52E-04	6.68E-02	1.47E-02	2.02E+00	2.64E-01
306	Gridded	2.90E-03	5.50E-04	2.88E-03	5.47E-04	3.08E-03	5.87E-04	3.08E-03	5.87E-04	1.85E-04	3.52E-05	2.89E-03	5.48E-04	3.67E-03	7.09E-04	3.67E-03	7.09E-04	2.90E-03	5.50E-04	3.08E-03	5.87E-04	2.92E-03	5.55E-04	2.89E-03	5.49E-04	2.91E-03	5.52E-04	2.90E-03	5.50E-04	8.02E-02	2.02E-02	1.62E+00	3.21E-01
307	Gridded	3.13E-03	4.91E-04	3.12E-03	4.89E-04	3.24E-03	5.21E-04	3.24E-03	5.21E-04	1.70E-04	2.82E-05	3.12E-03	4.90E-04	3.60E-03	6.18E-04	3.60E-03	6.18E-04	3.13E-03	4.91E-04	3.24E-03	5.21E-04	3.14E-03	4.95E-04	3.13E-03	4.91E-04	3.14E-03	4.93E-04	3.13E-03	4.92E-04	7.97E-02	1.11E-02	1.75E+00	2.80E-01
308	Gridded	3.72E-03	4.92E-04	3.72E-03	4.91E-04	3.77E-03	5.22E-04	3.77E-03	5.22E-04	2.19E-04	2.73E-05	3.72E-03	4.91E-04	4.13E-03	6.16E-04	4.13E-03	6.16E-04	3.72E-03	4.93E-04	3.77E-03	5.22E-04	3.73E-03	4.96E-04	3.72E-03	4.92E-04	3.72E-03	4.94E-04	3.72E-03	4.93E-04	7.34E-02	1.15E-02	1.98E+00	2.74E-01
309	Gridded	5.39E-03	4.67E-04	5.39E-03	4.65E-04	5.45E-03	4.87E-04	5.45E-03	4.87E-04	2.12E-04	2.33E-05	5.39E-03	4.66E-04	5.63E-03	5.53E-04	5.63E-03	5.53E-04	5.39E-03	4.67E-04	5.45E-03	4.87E-04	5.40E-03	4.69E-04	5.39E-03	4.66E-04	5.40E-03	4.68E-04	5.39E-03	4.67E-04	8.10E-02	1.24E-02	2.85E+00	2.54E-01
310	Gridded	6.38E-03	3.99E-04	6.38E-03	3.98E-04	6.45E-03	4.14E-04	6.45E-03	4.14E-04	1.82E-04	1.86E-05	6.38E-03	3.98E-04	6.68E-03	4.67E-04	6.68E-03	4.67E-04	6.38E-03	3.99E-04	6.45E-03	4.14E-04	6.39E-03	4.01E-04	6.38E-03	3.99E-04	6.39E-03	4.00E-04	6.38E-03	3.99E-04	8.51E-02	1.29E-02	3.37E+00	2.17E-01
311	Gridded	6.23E-03	3.26E-04	6.22E-03	3.25E-04	6.32E-03	3.40E-04	6.32E-03	3.40E-04	2.65E-04	1.87E-05	6.23E-03	3.25E-04	6.63E-03	3.85E-04	6.63E-03	3.85E-04	6.23E-03	3.26E-04	6.32E-03	3.40E-04	6.24E-03	3.28E-04	6.23E-03	3.26E-04	6.24E-03	3.27E-04	6.23E-03	3.26E-04	9.55E-02	1.19E-02	3.29E+00	1.81E-01
312	Gridded	5.52E-03	3.24E-04	5.50E-03	3.23E-04	5.82E-03	3.43E-04	5.82E-03	3.43E-04	2.82E-04	1.99E-05	5.50E-03	3.23E-04	6.79E-03	4.04E-04	6.79E-03	4.04E-04	5.52E-03	3.24E-04	5.82E-03	3.43E-04	5.56E-03	3.26E-04	5.51E-03	3.24E-04	5.54E-03	3.25E-04	5.52E-03	3.24E-04	9.05E-02	1.15E-02	3.04E+00	1.80E-01
313	Gridded	5.21E-03	3.27E-04	5.20E-03	3.26E-04	5.42E-03	3.43E-04	5.42E-03	3.43E-04	2.18E-04	1.89E-05	5.20E-03	3.26E-04	6.11E-03	3.93E-04	6.11E-03	3.93E-04	5.21E-03	3.27E-04	5.42E-03	3.43E-04	5.24E-03	3.29E-04	5.21E-03	3.27E-04	5.23E-03	3.28E-04	5.22E-03	3.27E-04	9.57E-02	1.20E-02	2.85E+00	1.80E-01
314	Gridded	3.59E-03	3.06E-04	3.58E-03	3.05E-04	3.76E-03	3.25E-04	3.76E-03	3.25E-04	1.68E-04	1.83E-05	3.58E-03	3.05E-04	4.30E-03	3.89E-04	4.30E-03	3.89E-04	3.59E-03	3.06E-04	3.76E-03	3.25E-04	3.61E-03	3.08E-04	3.59E-03	3.05E-04	3.60E-03	3.07E-04	3.59E-03	3.06E-04	9.42E-02	1.39E-02	2.04E+00	1.73E-01
315	Gridded	3.55E-03	3.42E-04	3.54E-03	3.41E-04	3.70E-03	3.63E-04	3.70E-03	3.63E-04	1.75E-04	2.10E-05	3.54E-03	3.41E-04	4.21E-03	4.32E-04	4.21E-03	4.32E-04	3.55E-03	3.42E-04	3.70E-03	3.63E-04	3.57E-03	3.45E-04	3.54E-03	3.42E-04	3.56E-03	3.43E-04	3.55E-03	3.42E-04	1.10E-01	1.88E-02	1.98E+00	1.94E-01
316	Gridded	3.88E-03	4.10E-04	3.88E-03	4.09E-04	3.92E-03	4.33E-04	3.92E-03	4.33E-04	2.20E-04	2.29E-05	3.88E-03	4.09E-04	4.03E-03	5.07E-04	4.03E-03	5.07E-04	3.88E-03	4.11E-04	3.92E-03	4.33E-04	3.89E-03	4.13E-04	3.88E-03	4.10E-04	3.89E-03	4.12E-04	3.89E-03	4.11E-04	1.53E-01	2.07E-02	2.14E+00	2.34E-01
317	Gridded	3.33E-03	3.64E-04	3.33E-03	3.63E-04	3.35E-03	3.81E-04	3.35E-03	3.81E-04	1.99E-04	1.95E-05	3.33E-03	3.63E-04	3.77E-03	4.35E-04	3.77E-03	4.35E-04	3.33E-03	3.64E-04	3.35E-03	3.81E-04	3.33E-03	3.66E-04	3.33E-03	3.63E-04	3.33E-03	3.65E-04	3.33E-03	3.64E-04	1.69E-01	1.77E-02	1.85E+00	2.03E-01
318	Gridded	3.24E-03	3.01E-04	3.24E-03	3.00E-04	3.36E-03	3.15E-04	3.36E-03	3.15E-04	2.48E-04	2.16E-05	3.24E-03	3.00E-04	3.78E-03	3.67E-04	3.78E-03	3.67E-04	3.24E-03	3.01E-04	3.36E-03	3.15E-04	3.25E-03	3.03E-04	3.24E-03	3.01E-04	3.25E-03	3.02E-04	3.24E-03	3.01E-04	1.46E-01	2.08E-02	1.77E+00	1.61E-01
319	Gridded	4.84E-03	3.26E-04	4.82E-03	3.24E-04	5.19E-03	3.54E-04	5.19E-03	3.54E-04	3.26E-04	3.96E-05	4.82E-03	3.25E-04	6.31E-03	4.47E-04	6.31E-03	4.47E-04	4.84E-03	3.26E-04	5.19E-03	3.54E-04	4.89E-03	3.30E-04	4.84E-03	3.25E-04	4.86E-03	3.28E-04	4.85E-03	3.26E-04	1.43E-01	1.96E-02	2.67E+00	1.95E-01
320	Gridded	7.05E-03	6.11E-04	7.03E-03	6.08E-04	7.30E-03	6.47E-04	7.30E-03	6.47E-04	3.28E-04	4.46E-05	7.03E-03	6.09E-04	8.13E-03	7.98E-04	8.13E-03	7.98E-04	7.05E-03	6.11E-04	7.30E-03	6.47E-04	7.08E-03	6.15E-04	7.04E-03	6.10E-04	7.06E-03	6.13E-04	7.05E-03	6.11E-04	1.55E-01	2.19E-02	3.75E+00	3.48E-01
321	Gridded	6.04E-03	7.70E-04	6.02E-03	7.67E-04	6.41E-03	8.11E-04	6.41E-03	8.11E-04	3.79E-04	3.88E-05	6.02E-03	7.67E-04	7.61E-03	9.45E-04	7.61E-03	9.45E-04	6.05E-03	7.70E-04	6.41E-03	8.11E-04	6.09E-03	7.75E-04	6.04E-03	7.69E-04	6.07E-03	7.72E-04	6.05E-03	7.70E-04	1.73E-01	2.09E-02	3.47E+00	4.14E-01
322	Gridded	8.95E-03	7.38E-04	8.92E-03	7.36E-04	9.41E-03	7.68E-04	9.41E-03	7.68E-04	4.29E-04	3.45E-05	8.93E-03	7.36E-04	1.09E-02	8.65E-04	1.09E-02	8.65E-04	8.95E-03	7.38E-04	9.41E-03	7.68E-04	9.01E-03	7.41E-04	8.94E-03	7.37E-04	8.98E-03	7.39E-04	8.96E-03	7.38E-04	1.72E-01	1.54E-02	4.93E+00	3.92E-01
323	Gridded	5.27E-03	5.14E-04	5.26E-03	5.13E-04	5.51E-03	5.26E-04	5.51E-03	5.26E-04	3.08E-04	3.26E-05	5.26E-03	5.13E-04	6.29E-03	5.94E-04	6.29E-03	5.94E-04	5.27E-03	5.14E-04	5.51E-03	5.26E-04	5.30E-03	5.16E-04	5.27E-03	5.14E-04	5.29E-03	5.15E-04	5.28E-03	5.14E-04	1.62E-01	1.72E-02	2.83E+00	2.73E-01
324	Gridded	4.03E-03	5.85E-04	4.02E-03	5.82E-04	4.19E-03	6.36E-04	4.19E-03	6.36E-04	2.96E-04	4.78E-05	4.02E-03	5.83E-04	4.87E-03	8.01E-04	4.87E-03	8.01E-04	4.03E-03	5.86E-04	4.19E-03	6.36E-04	4.05E-03	5.92E-04	4.02E-03	5.84E-04	4.04E-03	5.88E-04	4.03E-03	5.86E-04	1.76E-01	1.70E-02	2.13E+00	3.09E-01
325	Gridded	5.10E-03	8.19E-04	5.09E-03	8.16E-04	5.25E-03	8.66E-04	5.25E-03	8.66E-04	3.67E-04	4.36E-05	5.09E-03	8.17E-04	6.36E-03	1.02E-03	6.36E-03	1.02E-03	5.10E-03	8.20E-04	5.25E-03	8.66E-04	5.11E-03	8.25E-04	5.10E-03	8.18E-04	5.11E-03	8.22E-04	5.10E-03	8.20E-04	1.32E-01	1.26E-02	2.69E+00	4.32E-01
326	Gridded	6.15E-03	6.98E-04	6.14E-03	6.97E-04	6.35E-03	7.18E-04	6.35E-03	7.18E-04	2.30E-04	1.96E-05	6.14E-03	6.97E-04	7.00E-03	7.84E-04	7.00E-03	7.84E-04	6.15E-03	6.98E-04	6.35E-03	7.18E-04	6.18E-03	7.00E-04	6.15E-03	6.98E-04	6.16E-03	6.99E-04	6.15E-03	6.98E-04	1.37E-01	9.13E-03	3.25E+00	3.69E-01
327	Gridded	4.00E-03	3.33E-04	3.99E-03	3.32E-04	4.14E-03	3.46E-04	4.14E-03	3.46E-04	2.17E-04	1.78E-05	3.99E-03	3.33E-04	4.72E-03	3.88E-04	4.72E-03	3.88E-04	4.00E-03	3.33E-04	4.14E-03	3.46E-04	4.02E-03	3.35E-04	4.00E-03	3.33E-04	4.01E-03	3.34E-04	4.00E-03	3.34E-04	1.05E-01	9.50E-03	2.12E+00	1.84E-01
328	Gridded	4.41E-03	3.75E-04	4.39E-03	3.73E-04	4.70E-03	3.96E-04	4.70E-03	3.96E-04	2.73E-04	2.02E-05	4.39E-03	3.74E-04	5.64E-03	4.66E-04	5.64E-03	4.66E-04	4.41E-03	3.75E-04	4.70E-03	3.96E-04	4.45E-03	3.78E-04	4.40E-03	3.74E-04	4.43E-03	3.76E-04	4.41E-03	3.75E-04	1.20E-01	9.27E-03	2.51E+00	2.11E-01
329	Gridded	4.84E-03	3.67E-04	4.83E-03	3.66E-04	5.12E-03	3.87E-04	5.12E-03	3.87E-04	2.60E-04	1.89E-05	4.83E-03	3.66E-04	6.02E-03	4.52E-04	6.02E-03	4.52E-04	4.85E-03	3.67E-04	5.12E-03	3.87E-04	4.88E-03	3.70E-04	4.84E-03	3.67E-04	4.86E-03	3.68E-04	4.85E-03	3.67E-04	1.33E-01	9.73E-03	2.75E+00	2.11E-01
330	Gridded	3.76E-03	3.02E-04	3.75E-03	3.01E-04	3.83E-03	3.21E-04	3.83E-03	3.21E-04	2.32E-04	1.81E-05	3.75E-03	3.01E-04	4.07E-03	3.80E-04	4.07E-03	3.80E-04	3.76E-03	3.02E-04	3.83E-03	3.21E-04	3.77E-03	3.05E-04	3.76E-03	3.02E-04	3.76E-03	3.04E-04	3.76E-03	3.03E-04	1.34E-01	9.33E-03	2.00E+00	1.77E-01
331	Gridded	4.03E-03	3.45E-04	4.01E-03	3.44E-04	4.27E-03	3.65E-04	4.27E-03	3.65E-04	2.31E-04	2.06E-05	4.02E-03	3.44E-04	5.06E-03	4.28E-04	5.06E-03	4.28E-04	4.03E-03	3.45E-04	4.27E-03	3.65E-04	4.06E-03	3.47E-04	4.02E-03	3.44E-04	4.04E-03	3.46E-04	4.03E-03	3.45E-04	1.14E-01	1.24E-02	2.30E+00	2.02E-01
332	Gridded	3.64E-03	3.58E-04	3.62E-03	3.57E-04	3.87E-03	3.81E-04	3.87E-03	3.81E-04	2.31E-04	2.16E-05	3.62E-03	3.57E-04	4.64E-03	4.55E-04	4.64E-03	4.55E-04	3.64E-03	3.58E-04	3.87E-03	3.81E-04	3.67E-03	3.61E-04	3.63E-03	3.58E-04	3.65E-03	3.60E-04	3.64E-03	3.59E-04	1.34E-01	1.30E-02	2.16E+00	2.13E-01
333	Gridded	4.03E-03	3.79E-04	4.02E-03	3.77E-04	4.27E-03	4.08E-04	4.27E-03	4.08E-04	2.37E-04	2.66E-05	4.02E-03	3.78E-04	5.01E-03	4.99E-04	5.01E-03	4.99E-04	4.03E-03	3.79E-04	4.27E-03	4.08E-04	4.06E-03	3.83E-04	4.03E-03	3.79E-04	4.05E-03	3.81E-04	4.04E-03	3.80E-04	1.08E-01	1.28E-02	2.32E+00	2.22E-01
334	Gridded	2.80E-03	3.45E-04	2.79E-03	3.43E-04	2.95E-03	3.64E-04	2.95E-03	3.64E-04	1.71E-04	1.87E-05	2.79E-03	3.44E-04	3.43E-03	4.29E-04	3.43E-03	4.29E-04	2.80E-03	3.45E-04	2.95E-03	3.64E-04	2.82E-03	3.47E-04	2.80E-03	3.44E-04	2.81E-03	3.46E-04	2.80E-03	3.45E-04	9.38E-02	1.03E-02	1.60E+00	1.99E-01
335	Gridded	2.45E-03	2.62E-04	2.45E-03	2.61E-04	2.48E-03	2.78E-04	2.48E-03	2.78E-04	1.58E-04	1.55E-05	2.45E-03	2.61E-04	2.94E-03	3.32E-04	2.94E-03	3.32E-04	2.45E-03	2.62E-04	2.48E-03	2.78E-04	2.45E-03	2.64E-04	2.45E-03	2.62E-04	2.45E-03	2.63E-04	2.45E-03	2.62E-04	1.02E-01	1.02E-02	1.42E+00	1.51E-01
336	Gridded	2.68E-03	2.97E-04	2.68E-03	2.96E-04	2.72E-03	3.09E-04	2.72E-03	3.09E-04	1.28E-04	1.60E-05	2.68E-03	2.96E-04	3.09E-03	3.50E-04	3.09E-03	3.50E-04	2.68E-03	2.97E-04	2.72E-03	3.09E-04	2.68E-03	2.98E-04	2.68E-03	2.96E-04	2.68E-03	2.97E-04	2.68E-03	2.97E-04	1.08E-01	8.68E-03	1.54E+00	1.74E-01
337	Gridded	2.69E-03	3.58E-04	2.69E-03	3.57E-04	2.72E-03	3.80E-04	2.72E-03	3.80E-04	1.45E-04	2.03E-05	2.69E-03	3.57E-04	2.97E-03	4.50E-04	2.97E-03	4.50E-04	2.69E-03	3.58E-04	2.72E-03	3.80E-04	2.69E-03	3.61E-04	2.69E-03	3.58E-04	2.69E-03	3.59E-04	2.69E-03	3.58E-04	7.14E-02	8.51E-03	1.56E+00	1.99E-01
338	Gridded	3.18E-03	3.70E-04	3.17E-03	3.69E-04	3.26E-03	3.89E-04	3.26E-03	3.89E-04	1.45E-04	1.79E-05	3.17E-03	3.69E-04	3.55E-03	4.51E-04	3.55E-03	4.51E-04	3.18E-03	3.70E-04	3.26E-03	3.89E-04	3.19E-03	3.72E-04	3.18E-03	3.70E-04	3.18E-03	3.71E-04	3.18E-03	3.70E-04	7.01E-02	8.49E-03	1.84E+00	2.03E-01
339	Gridded	2.59E-03	2.65E-04	2.59E-03	2.64E-04	2.65E-03	2.78E-04	2.65E-03	2.78E-04	1.28E-04	1.29E-05	2.59E-03	2.64E-04	3.03E-03	3.23E-04	3.03E-03	3.23E-04	2.59E-03	2.65E-04	2.65E-03	2.78E-04	2.60E-03	2.66E-04	2.59E-03	2.64E-04	2.60E-03	2.66E-04	2.59E-03	2.65E-04	8.80E-02	9.05E-03	1.42E+00	1.47E-01
340	Gridded	3.17E-03	2.57E-04	3.16E-03	2.56E-04	3.29E-03	2.74E-04	3.29E-03	2.74E-04	2.02E-04	1.64E-05	3.16E-03	2.56E-04	3.76E-03	3.31E-04	3.76E-03	3.31E-04	3.17E-03	2.57E-04	3.29E-03	2.74E-04	3.18E-03	2.59E-04	3.16E-03	2.56E-04	3.17E-03	2.58E-04	3.17E-03	2.57E-04	1.09E-01	1.03E-02	1.83E+00	1.47E-01
341	Gridded	3.52E-03	3.14E-04	3.50E-03	3.13E-04	3.72E-03	3.33E-04	3.72E-03	3.33E-04	1.88E-04	1.76E-05	3.51E-03	3.13E-04	4.37E-03	3.94E-04	4.37E-03	3.94E-04	3.52E-03	3.14E-04	3.72E-03	3.33E-04	3.54E-03	3.17E-04	3.51E-03	3.14E-04	3.53E-03	3.16E-04	3.52E-03	3.15E-04	9.02E-02	1.20E-02	1.88E+00	1.80E-01
342	Gridded	2.88E-03	3.18E-04	2.87E-03	3.17E-04	3.02E-03	3.34E-04	3.02E-03	3.34E-04	1.31E-04	1.74E-05	2.87E-03	3.17E-04	3.47E-03	3.85E-04	3.47E-03	3.85E-04	2.88E-03	3.18E-04	3.02E-03	3.34E-04	2.90E-03	3.20E-04	2.88E-03	3.17E-04	2.89E-03	3.19E-04	2.88E-03	3.18E-04	1.13E-01	1.37E-02	1.66E+00	1.82E-01
343	Gridded	2.60E-03	3.78E-04	2.59E-03	3.76E-04	2.73E-03	4.00E-04	2.73E-03	4.00E-04	1.39E-04	2.06E-05	2.59E-03	3.77E-04	3.18E-03	4.71E-04	3.18E-03	4.71E-04	2.60E-03	3.78E-04	2.73E-03	4.00E-04	2.61E-03	3.81E-04	2.59E-03	3.77E-04	2.61E-03	3.79E-04	2.60E-03	3.78E-04	1.40E-01	1.34E-02	1.45E+00	2.18E-01
344	Gridded	2.91E-03	3.93E-04	2.91E-03	3.91E-04	3.02E-03	4.14E-04	3.02E-03	4.14E-04	1.88E-04	2.20E-05	2.91E-03	3.91E-04	3.35E-03	4.85E-04	3.35E-03	4.85E-04	2.91E-03	3.93E-04	3.02E-03	4.14E-04	2.93E-03	3.95E-04	2.91E-03	3.92E-04	2.92E-03	3.94E-04	2.92E-03	3.93E-04	1.15E-01	1.02E-02	1.68E+00	2.23E-01
345	Gridded	3.03E-03	3.76E-04	3.02E-03	3.75E-04	3.19E-03	3.96E-04	3.19E-03	3.96E-04	2.35E-04	3.31E-05	3.02E-03	3.75E-04	3.70E-03	4.60E-04	3.70E-03	4.60E-04	3.03E-03	3.76E-04	3.19E-03	3.96E-04	3.05E-03	3.79E-04	3.02E-03	3.76E-04	3.04E-03	3.77E-04	3.03E-03	3.76E-04	1.05E-01	1.21E-02	1.71E+00	2.09E-01
346	Gridded	3.27E-03	2.97E-04	3.25E-03	2.96E-04	3.54E-03	3.11E-04	3.54E-03	3.11E-04	3.50E-04	3.85E-05	3.25E-03	2.96E-04	4.44E-03	3.59E-04	4.44E-03	3.59E-04	3.27E-03	2.97E-04	3.54E-03	3.11E-04	3.30E-03	2.98E-04	3.26E-03	2.96E-04	3.28E-03	2.97E-04	3.27E-03	2.97E-04	9.08E-02	1.30E-02	1.93E+00	1.62E-01
347	Gridded	3.74E-03	2.98E-04	3.73E-03	2.97E-04	3.93E-03	3.16E-04	3.93E-03	3.16E-04	3.88E-04	3.44E-05	3.73E-03	2.97E-04	4.53E-03	3.84E-04	4.53E-03	3.84E-04	3.74E-03	2.98E-04	3.93E-03	3.16E-04	3.76E-03	3.00E-04	3.74E-03	2.98E-04	3.75E-03	2.99E-04	3.74E-03	2.98E-04	7.98E-02	1.06E-02	2.13E+00	1.52E-01
348	Gridded	3.29E-03	3.68E-04	3.29E-03	3.66E-04	3.47E-03	3.89E-04	3.47E-03	3.89E-04	2.27E-04	2.02E-05	3.29E-03	3.67E-04	4.18E-03	4.59E-04	4.18E-03	4.59E-04	3.30E-03	3.68E-04	3.47E-03	3.89E-04	3.30E-03	3.71E-04	3.29E-03	3.67E-04	3.30E-03	3.69E-04	3.30E-03	3.68E-04	9.96E-02	1.05E-02	1.69E+00	1.93E-01
349	Gridded	5.11E-03	4.66E-04	5.10E-03	4.64E-04	5.37E-03	4.91E-04	5.37E-03	4.91E-04	2.43E-04	2.34E-05	5.10E-03	4.64E-04	6.21E-03	5.71E-04	6.21E-03	5.71E-04	5.12E-03	4.66E-04	5.37E-03	4.91E-04	5.15E-03	4.69E-04	5.11E-03	4.65E-04	5.13E-03	4.67E-04	5.12E-03	4.66E-04	9.28E-02	1.26E-02	2.80E+00	2.68E-01
350	Gridded	5.29E-03	6.17E-04	5.27E-03	6.15E-04	5.58E-03	6.56E-04	5.58E-03	6.56E-04	2.70E-04	3.68E-05	5.28E-03	6.15E-04	6.51E-03	7.83E-04	6.51E-03	7.83E-04	5.29E-03	6.17E-04	5.58E-03	6.56E-04	5.33E-03	6.22E-04	5.28E-03	6.16E-04	5.31E-03	6.19E-04	5.29E-03	6.18E-04	1.22E-01	1.91E-02	2.95E+00	3.56E-01
351	Gridded	5.23E-03	7.02E-04	5.23E-03	6.99E-04	5.23E-03	7.44E-04	5.23E-03	7.44E-04	2.65E-04	3.91E-05	5.23E-03	7.00E-04	5.86E-03	8.79E-04	5.86E-03	8.79E-04	5.23E-03	7.02E-04	5.23E-03	7.44E-04	5.23E-03	7.07E-04	5.23E-03	7.01E-04	5.23E-03	7.05E-04	5.23E-03	7.03E-04	1.23E-01	1.94E-02	2.78E+00	4.02E-01
352	Gridded	5.90E-03	5.89E-04	5.90E-03	5.87E-04	5.90E-03	6.26E-04	5.90E-03	6.26E-04	2.04E-04	3.45E-05	5.90E-03	5.87E-04	5.90E-03	7.45E-04	5.90E-03	7.45E-04	5.90E-03	5.89E-04	5.90E-03	6.26E-04	5.90E-03	5.94E-04	5.90E-03	5.88E-04	5.90E-03	5.91E-04	5.90E-03	5.89E-04	9.13E-02	1.72E-02	3.13E+00	3.40E-01
353	Gridded	3.80E-03	4.92E-04	3.80E-03	4.90E-04	3.94E-03	5.20E-04	3.94E-03	5.20E-04	1.59E-04	2.65E-05	3.80E-03	4.90E-04	4.38E-03	6.11E-04	4.38E-03	6.11E-04	3.80E-03	4.92E-04	3.94E-03	5.20E-04	3.82E-03	4.95E-04	3.80E-03	4.91E-04	3.81E-03	4.93E-04	3.81E-03	4.92E-04	9.63E-02	1.53E-02	2.04E+00	2.82E-01
354	Gridded	3.86E-03	3.84E-04	3.86E-03	3.82E-04	3.86E-03	4.06E-04	3.86E-03	4.06E-04	2.36E-04	2.81E-05	3.86E-03	3.83E-04	4.16E-03	4.84E-04	4.16E-03	4.84E-04	3.86E-03	3.84E-04	3.86E-03	4.06E-04	3.86E-03	3.87E-04	3.86E-03	3.83E-04	3.86E-03	3.85E-04	3.86E-03	3.84E-04	7.62E-02	1.44E-02	2.06E+00	2.20E-01
355	Gridded	3.07E-03	4.33E-04	3.06E-03	4.31E-04	3.15E-03	4.63E-04	3.15E-03	4.63E-04	2.64E-04	2.84E-05	3.07E-03	4.31E-04	3.42E-03	5.61E-04	3.42E-03	5.61E-04	3.07E-03	4.33E-04	3.15E-03	4.63E-04	3.08E-03	4.37E-04	3.07E-03	4.32E-04	3.07E-03	4.35E-04	3.07E-03	4.33E-04	7.91E-02	1.42E-02	1.64E+00	2.54E-01
356	Gridded	2.84E-03	5.15E-04	2.84E-03	5.13E-04	2.85E-03	5.44E-04	2.85E-03	5.44E-04	2.34E-04	3.32E-05	2.84E-03	5.13E-04	3.65E-03	6.44E-04	3.65E-03	6.44E-04	2.84E-03	5.15E-04	2.85E-03	5.44E-04	2.84E-03	5.18E-04	2.84E-03	5.14E-04	2.84E-03	5.16E-04	2.84E-03	5.15E-04	8.90E-02	2.11E-02	1.53E+00	2.98E-01
357	Gridded	3.50E-03	7.43E-04	3.48E-03	7.39E-04	3.71E-03	7.94E-04	3.71E-03	7.94E-04	2.01E-04	4.82E-05	3.49E-03	7.40E-04	4.39E-03	9.60E-04	4.39E-03	9.60E-04	3.50E-03	7.43E-04	3.71E-03	7.94E-04	3.52E-03	7.49E-04	3.49E-03	7.42E-04	3.51E-03	7.46E-04	3.50E-03	7.43E-04	9.91E-02	2.47E-02	1.96E+00	4.29E-01
358	Gridded	3.63E-03	4.74E-04	3.62E-03	4.72E-04	3.81E-03	5.03E-04	3.81E-03	5.03E-04	1.79E-04	2.77E-05	3.62E-03	4.72E-04	4.37E-03	5.99E-04	4.37E-03	5.99E-04	3.63E-03	4.74E-04	3.81E-03	5.03E-04	3.65E-03	4.77E-04	3.63E-03	4.73E-04	3.64E-03	4.75E-04	3.63E-03	4.74E-04	8.55E-02	1.44E-02	2.01E+00	2.79E-01
359	Gridded	3.49E-03	4.95E-04	3.48E-03	4.93E-04	3.54E-03	5.25E-04	3.54E-03	5.25E-04	1.87E-04	2.85E-05	3.48E-03	4.93E-04	3.74E-03	6.23E-04	3.74E-03	6.23E-04	3.49E-03	4.95E-04	3.54E-03	5.25E-04	3.49E-03	4.99E-04	3.48E-03	4.94E-04	3.49E-03	4.97E-04	3.49E-03	4.95E-04	8.23E-02	1.17E-02	1.93E+00	2.83E-01
360	Gridded	5.00E-03	4.96E-04	5.00E-03	4.94E-04	5.08E-03	5.25E-04	5.08E-03	5.25E-04	2.37E-04	2.75E-05	5.00E-03	4.94E-04	5.32E-03	6.20E-04	5.32E-03	6.20E-04	5.00E-03	4.96E-04	5.08E-03	5.25E-04	5.01E-03	5.00E-04	5.00E-03	4.95E-04	5.01E-03	4.98E-04	5.00E-03	4.96E-04	7.80E-02	1.24E-02	2.66E+00	2.76E-01
361	Gridded	5.79E-03	4.75E-04	5.78E-03	4.74E-04	5.90E-03	4.96E-04	5.90E-03	4.96E-04	2.24E-04	2.40E-05	5.78E-03	4.74E-04	6.25E-03	5.71E-04	6.25E-03	5.71E-04	5.79E-03	4.75E-04	5.90E-03	4.96E-04	5.80E-03	4.78E-04	5.78E-03	4.75E-04	5.79E-03	4.77E-04	5.79E-03	4.76E-04	9.12E-02	1.29E-02	3.06E+00	2.59E-01
362	Gridded	5.44E-03	4.06E-04	5.43E-03	4.05E-04	5.59E-03	4.23E-04	5.59E-03	4.23E-04	1.92E-04	1.88E-05	5.43E-03	4.05E-04	6.09E-03	4.79E-04	6.09E-03	4.79E-04	5.44E-03	4.06E-04	5.59E-03	4.23E-04	5.46E-03	4.08E-04	5.44E-03	4.05E-04	5.45E-03	4.07E-04	5.44E-03	4.06E-04	9.12E-02	1.36E-02	2.88E+00	2.20E-01
363	Gridded	4.63E-03	3.27E-04	4.62E-03	3.26E-04	4.83E-03	3.41E-04	4.83E-03	3.41E-04	2.95E-04	2.06E-05	4.62E-03	3.26E-04	5.71E-03	3.87E-04	5.71E-03	3.87E-04	4.64E-03	3.27E-04	4.83E-03	3.41E-04	4.66E-03	3.29E-04	4.63E-03	3.27E-04	4.65E-03	3.28E-04	4.64E-03	3.27E-04	1.07E-01	1.27E-02	2.62E+00	1.82E-01

Scenario 2 Results

364 Gridded	6.04E-03	3.48E-04	6.02E-03	3.47E-04	6.37E-03	3.68E-04	6.37E-03	3.68E-04	3.04E-04	2.21E-05	6.03E-03	3.47E-04	7.42E-03	4.33E-04	7.42E-03	4.33E-04	6.04E-03	3.48E-04	6.37E-03	3.68E-04	6.08E-03	3.51E-04	6.04E-03	3.48E-04	6.06E-03	3.49E-04	6.05E-03	3.48E-04	9.71E-02	1.25E-02	3.32E+00	1.93E-01
365 Gridded	5.71E-03	3.52E-04	5.70E-03	3.51E-04	5.93E-03	3.68E-04	5.93E-03	3.68E-04	2.25E-04	2.11E-05	5.70E-03	3.51E-04	6.64E-03	4.21E-04	6.64E-03	4.21E-04	5.71E-03	3.52E-04	5.93E-03	3.68E-04	5.74E-03	3.54E-04	5.71E-03	3.52E-04	5.72E-03	3.53E-04	5.71E-03	3.52E-04	1.03E-01	1.32E-02	3.11E+00	1.94E-01
366 Gridded	4.23E-03	3.71E-04	4.23E-03	3.70E-04	4.23E-03	3.94E-04	4.23E-03	3.94E-04	1.94E-04	2.17E-05	4.23E-03	3.70E-04	4.57E-03	4.69E-04	4.57E-03	4.69E-04	4.23E-03	3.71E-04	4.23E-03	3.94E-04	4.23E-03	3.74E-04	4.23E-03	3.71E-04	4.23E-03	3.73E-04	4.23E-03	3.71E-04	1.07E-01	1.67E-02	2.41E+00	2.09E-01
367 Gridded	4.03E-03	3.91E-04	4.02E-03	3.89E-04	4.14E-03	4.14E-04	4.14E-03	4.14E-04	2.08E-04	2.40E-05	4.02E-03	3.89E-04	4.48E-03	4.91E-04	4.48E-03	4.91E-04	4.03E-03	3.91E-04	4.14E-03	4.14E-04	4.04E-03	3.94E-04	4.03E-03	3.90E-04	4.04E-03	3.92E-04	4.03E-03	3.91E-04	1.22E-01	2.16E-02	2.24E+00	2.27E-01
368 Gridded	3.70E-03	4.01E-04	3.70E-03	4.00E-04	3.73E-03	4.23E-04	3.73E-03	4.23E-04	2.04E-04	2.22E-05	3.70E-03	4.00E-04	3.90E-03	4.93E-04	3.90E-03	4.93E-04	3.70E-03	4.02E-04	3.73E-03	4.23E-04	3.71E-03	4.04E-04	3.70E-03	4.01E-04	3.71E-03	4.03E-04	3.70E-03	4.02E-04	1.71E-01	2.12E-02	1.96E+00	2.29E-01
369 Gridded	3.39E-03	3.56E-04	3.39E-03	3.55E-04	3.51E-03	3.71E-04	3.51E-03	3.71E-04	1.91E-04	1.99E-05	3.39E-03	3.55E-04	3.88E-03	4.19E-04	3.88E-03	4.19E-04	3.40E-03	3.56E-04	3.51E-03	3.71E-04	3.41E-03	3.58E-04	3.39E-03	3.55E-04	3.40E-03	3.57E-04	3.40E-03	3.56E-04	1.67E-01	2.06E-02	1.80E+00	1.98E-01
370 Gridded	3.88E-03	3.53E-04	3.87E-03	3.52E-04	4.01E-03	3.74E-04	4.01E-03	3.74E-04	3.33E-04	3.27E-05	3.87E-03	3.52E-04	5.00E-03	4.40E-04	5.00E-03	4.40E-04	3.88E-03	3.54E-04	4.01E-03	3.74E-04	3.89E-03	3.56E-04	3.88E-03	3.53E-04	3.89E-03	3.55E-04	3.88E-03	3.54E-04	1.34E-01	2.17E-02	2.14E+00	1.93E-01
371 Gridded	7.00E-03	5.10E-04	6.97E-03	5.08E-04	7.36E-03	5.47E-04	7.36E-03	5.47E-04	3.48E-04	4.81E-05	6.98E-03	5.08E-04	8.55E-03	6.65E-04	8.55E-03	6.65E-04	7.00E-03	5.11E-04	7.36E-03	5.47E-04	7.04E-03	5.15E-04	6.99E-03	5.10E-04	7.02E-03	5.13E-04	7.00E-03	5.11E-04	1.67E-01	2.34E-02	3.77E+00	2.96E-01
372 Gridded	6.49E-03	7.71E-04	6.47E-03	7.68E-04	6.79E-03	8.19E-04	6.79E-03	8.19E-04	3.59E-04	4.50E-05	6.48E-03	7.68E-04	7.77E-03	9.74E-04	7.77E-03	9.74E-04	6.49E-03	7.71E-04	6.79E-03	8.19E-04	6.53E-03	7.77E-04	6.49E-03	7.70E-04	6.51E-03	7.74E-04	6.50E-03	7.71E-04	1.78E-01	2.46E-02	3.45E+00	4.22E-01
373 Gridded	8.46E-03	7.71E-04	8.43E-03	7.68E-04	8.92E-03	8.07E-04	8.92E-03	8.07E-04	4.35E-04	3.56E-05	8.43E-03	7.69E-04	1.04E-02	9.25E-04	1.04E-02	9.25E-04	8.46E-03	7.71E-04	8.92E-03	8.07E-04	8.52E-03	7.75E-04	8.45E-03	7.70E-04	8.49E-03	7.73E-04	8.46E-03	7.71E-04	1.99E-01	1.98E-02	4.74E+00	4.11E-01
374 Gridded	6.78E-03	5.89E-04	6.76E-03	5.88E-04	7.10E-03	6.07E-04	7.10E-03	6.07E-04	2.99E-04	3.16E-05	6.76E-03	5.88E-04	8.13E-03	6.65E-04	8.13E-03	6.65E-04	6.78E-03	5.89E-04	7.10E-03	6.07E-04	6.82E-03	5.91E-04	6.77E-03	5.88E-04	6.80E-03	5.90E-04	6.78E-03	5.89E-04	1.62E-01	1.68E-02	3.67E+00	3.13E-01
375 Gridded	4.40E-03	5.40E-04	4.39E-03	5.36E-04	4.52E-03	5.89E-04	4.52E-03	5.89E-04	3.30E-04	4.69E-05	4.39E-03	5.37E-04	4.96E-03	7.51E-04	4.96E-03	7.51E-04	4.40E-03	5.40E-04	4.52E-03	5.89E-04	4.41E-03	5.46E-04	4.40E-03	5.39E-04	4.41E-03	5.43E-04	4.40E-03	5.40E-04	1.86E-01	1.88E-02	2.33E+00	2.86E-01
376 Gridded	5.20E-03	7.92E-04	5.19E-03	7.89E-04	5.34E-03	8.44E-04	5.34E-03	8.44E-04	3.82E-04	4.86E-05	5.19E-03	7.89E-04	5.81E-03	1.01E-03	5.81E-03	1.01E-03	5.20E-03	7.92E-04	5.34E-03	8.44E-04	5.22E-03	7.99E-04	5.20E-03	7.91E-04	5.21E-03	7.95E-04	5.20E-03	7.93E-04	1.62E-01	1.37E-02	2.75E+00	4.18E-01
377 Gridded	6.29E-03	7.67E-04	6.27E-03	7.65E-04	6.52E-03	7.91E-04	6.52E-03	7.91E-04	2.33E-04	2.29E-05	6.27E-03	7.66E-04	7.26E-03	8.70E-04	7.26E-03	8.70E-04	6.29E-03	7.67E-04	6.52E-03	7.91E-04	6.31E-03	7.70E-04	6.28E-03	7.66E-04	6.30E-03	7.68E-04	6.29E-03	7.67E-04	1.43E-01	1.06E-02	3.32E+00	4.05E-01
378 Gridded	4.48E-03	3.60E-04	4.48E-03	3.59E-04	4.57E-03	3.75E-04	4.57E-03	3.75E-04	2.32E-04	1.74E-05	4.48E-03	3.60E-04	5.03E-03	4.24E-04	5.03E-03	4.24E-04	4.48E-03	3.61E-04	4.57E-03	3.75E-04	4.49E-03	3.62E-04	4.48E-03	3.60E-04	4.49E-03	3.61E-04	4.48E-03	3.61E-04	1.18E-01	9.94E-03	2.38E+00	1.98E-01
379 Gridded	4.50E-03	3.87E-04	4.49E-03	3.86E-04	4.73E-03	4.10E-04	4.73E-03	4.10E-04	2.73E-04	2.14E-05	4.49E-03	3.86E-04	5.48E-03	4.84E-04	5.48E-03	4.84E-04	4.50E-03	3.87E-04	4.73E-03	4.10E-04	4.53E-03	3.90E-04	4.50E-03	3.87E-04	4.52E-03	3.89E-04	4.51E-03	3.88E-04	1.25E-01	9.76E-03	2.48E+00	2.19E-01
380 Gridded	4.98E-03	3.89E-04	4.96E-03	3.87E-04	5.27E-03	4.10E-04	5.27E-03	4.10E-04	2.77E-04	2.01E-05	4.96E-03	3.88E-04	6.23E-03	4.79E-04	6.23E-03	4.79E-04	4.98E-03	3.89E-04	5.27E-03	4.10E-04	5.01E-03	3.92E-04	4.97E-03	3.88E-04	4.99E-03	3.90E-04	4.98E-03	3.89E-04	1.40E-01	1.04E-02	2.84E+00	2.24E-01
381 Gridded	4.08E-03	3.26E-04	4.07E-03	3.25E-04	4.16E-03	3.46E-04	4.16E-03	3.46E-04	2.45E-04	1.93E-05	4.07E-03	3.25E-04	4.44E-03	4.11E-04	4.44E-03	4.11E-04	4.08E-03	3.26E-04	4.16E-03	3.46E-04	4.09E-03	3.29E-04	4.08E-03	3.26E-04	4.08E-03	3.28E-04	4.08E-03	3.27E-04	1.43E-01	1.01E-02	2.17E+00	1.91E-01
382 Gridded	4.29E-03	3.74E-04	4.28E-03	3.72E-04	4.55E-03	3.95E-04	4.55E-03	3.95E-04	2.47E-04	2.24E-05	4.28E-03	3.73E-04	5.38E-03	4.65E-04	5.38E-03	4.65E-04	4.30E-03	3.74E-04	4.55E-03	3.95E-04	4.33E-03	3.77E-04	4.29E-03	3.73E-04	4.31E-03	3.75E-04	4.30E-03	3.74E-04	1.25E-01	1.34E-02	2.45E+00	2.20E-01
383 Gridded	3.97E-03	3.86E-04	3.95E-03	3.85E-04	4.22E-03	4.10E-04	4.22E-03	4.10E-04	2.70E-04	2.28E-05	3.95E-03	3.85E-04	5.04E-03	4.89E-04	5.04E-03	4.89E-04	3.97E-03	3.86E-04	4.22E-03	4.10E-04	4.00E-03	3.89E-04	3.96E-03	3.86E-04	3.98E-03	3.88E-04	3.97E-03	3.86E-04	1.35E-01	1.40E-02	2.33E+00	2.29E-01
384 Gridded	4.25E-03	4.06E-04	4.23E-03	4.04E-04	4.50E-03	4.37E-04	4.50E-03	4.37E-04	2.90E-04	2.88E-05	4.24E-03	4.04E-04	5.31E-03	5.36E-04	5.31E-03	5.36E-04	4.25E-03	4.06E-04	4.50E-03	4.37E-04	4.28E-03	4.10E-04	4.24E-03	4.05E-04	4.26E-03	4.08E-04	4.25E-03	4.06E-04	1.16E-01	1.34E-02	2.45E+00	2.37E-01
385 Gridded	3.08E-03	3.56E-04	3.07E-03	3.55E-04	3.23E-03	3.76E-04	3.23E-03	3.76E-04	2.25E-04	2.00E-05	3.07E-03	3.55E-04	3.77E-03	4.39E-04	3.77E-03	4.39E-04	3.08E-03	3.57E-04	3.23E-03	3.76E-04	3.10E-03	3.59E-04	3.08E-03	3.56E-04	3.09E-03	3.58E-04	3.08E-03	3.57E-04	9.75E-02	1.14E-02	1.76E+00	2.06E-01
386 Gridded	2.83E-03	2.80E-04	2.82E-03	2.79E-04	2.90E-03	2.98E-04	2.90E-03	2.98E-04	1.73E-04	1.63E-05	2.82E-03	2.80E-04	3.32E-03	3.54E-04	3.32E-03	3.54E-04	2.83E-03	2.81E-04	2.90E-03	2.98E-04	2.84E-03	2.83E-04	2.83E-03	2.80E-04	2.83E-03	2.82E-04	2.83E-03	2.81E-04	1.15E-01	1.09E-02	1.61E+00	1.62E-01
387 Gridded	2.85E-03	3.30E-04	2.84E-03	3.30E-04	2.88E-03	3.44E-04	2.88E-03	3.44E-04	1.39E-04	1.89E-05	2.84E-03	3.30E-04	3.28E-03	3.88E-04	3.28E-03	3.88E-04	2.85E-03	3.31E-04	2.88E-03	3.44E-04	2.85E-03	3.32E-04	2.85E-03	3.30E-04	2.85E-03	3.31E-04	2.85E-03	3.31E-04	1.04E-01	9.43E-03	1.65E+00	1.93E-01
388 Gridded	3.05E-03	4.07E-04	3.04E-03	4.05E-04	3.09E-03	4.30E-04	3.09E-03	4.30E-04	1.46E-04	2.17E-05	3.04E-03	4.05E-04	3.37E-03	5.05E-04	3.37E-03	5.05E-04	3.05E-03	4.07E-04	3.09E-03	4.30E-04	3.05E-03	4.10E-04	3.04E-03	4.06E-04	3.05E-03	4.08E-04	3.05E-03	4.07E-04	7.39E-02	9.26E-03	1.77E+00	2.24E-01
389 Gridded	3.23E-03	3.64E-04	3.23E-03	3.63E-04	3.34E-03	3.83E-04	3.34E-03	3.83E-04	1.53E-04	1.75E-05	3.23E-03	3.63E-04	3.69E-03	4.43E-04	3.69E-03	4.43E-04	3.23E-03	3.64E-04	3.34E-03	3.83E-04	3.25E-03	3.66E-04	3.23E-03	3.64E-04	3.24E-03	3.65E-04	3.23E-03	3.64E-04	8.42E-02	9.33E-03	1.87E+00	2.00E-01
390 Gridded	2.88E-03	2.55E-04	2.88E-03	2.54E-04	2.97E-03	2.69E-04	2.97E-03	2.69E-04	1.50E-04	1.49E-05	2.88E-03	2.54E-04	3.24E-03	3.12E-04	3.24E-03	3.12E-04	2.88E-03	2.55E-04	2.97E-03	2.69E-04	2.89E-03	2.57E-04	2.88E-03	2.55E-04	2.89E-03	2.56E-04	2.89E-03	2.55E-04	9.87E-02	1.01E-02	1.68E+00	1.48E-01
391 Gridded	3.18E-03	2.96E-04	3.17E-03	2.94E-04	3.40E-03	3.15E-04	3.40E-03	3.15E-04	2.07E-04	1.82E-05	3.17E-03	2.95E-04	4.12E-03	3.78E-04	4.12E-03	3.78E-04	3.18E-03	2.96E-04	3.40E-03	3.15E-04	3.21E-03	2.98E-04	3.18E-03	2.95E-04	3.20E-03	2.97E-04	3.19E-03	2.96E-04	1.05E-01	1.16E-02	1.84E+00	1.70E-01
392 Gridded	3.29E-03	3.39E-04	3.27E-03	3.38E-04	3.46E-03	3.57E-04	3.46E-03	3.57E-04	1.62E-04	1.75E-05	3.28E-03	3.38E-04	4.02E-03	4.18E-04	4.02E-03	4.18E-04	3.29E-03	3.39E-04	3.46E-03	3.57E-04	3.31E-03	3.41E-04	3.28E-03	3.38E-04	3.30E-03	3.40E-04	3.29E-03	3.39E-04	9.92E-02	1.36E-02	1.75E+00	1.94E-01
393 Gridded	2.84E-03	3.61E-04	2.83E-03	3.60E-04	2.98E-03	3.83E-04	2.98E-03	3.83E-04	1.48E-04	2.05E-05	2.83E-03	3.60E-04	3.43E-03	4.54E-04	3.43E-03	4.54E-04	2.84E-03	3.61E-04	2.98E-03	3.83E-04	2.86E-03	3.64E-04	2.84E-03	3.61E-04	2.85E-03	3.62E-04	2.84E-03	3.61E-04	1.43E-01	1.48E-02	1.64E+00	2.09E-01
394 Gridded	2.90E-03	4.15E-04	2.89E-03	4.14E-04	3.00E-03	4.39E-04	3.00E-03	4.39E-04	1.67E-04	2.21E-05	2.89E-03	4.14E-04	3.34E-03	5.15E-04	3.34E-03	5.15E-04	2.90E-03	4.15E-04	3.00E-03	4.39E-04	2.91E-03	4.18E-04	2.90E-03	4.15E-04	2.91E-03	4.17E-04	2.90E-03	4.16E-04	1.48E-01	1.29E-02	1.68E+00	2.38E-01
395 Gridded	3.12E-03	4.12E-04	3.10E-03	4.11E-04	3.30E-03	4.34E-04	3.30E-03	4.34E-04	2.11E-04	2.73E-05	3.11E-03	4.11E-04	3.88E-03	5.06E-04	3.88E-03	5.06E-04	3.12E-03	4.12E-04	3.30E-03	4.34E-04	3.14E-03	4.15E-04	3.11E-03	4.12E-04	3.13E-03	4.13E-04	3.12E-03	4.12E-04	1.04E-01	1.12E-02	1.80E+00	2.31E-01
396 Gridded	3.01E-03	3.64E-04	3.00E-03	3.63E-04	3.15E-03	3.82E-04	3.15E-03	3.82E-04	3.00E-04	3.91E-05	3.01E-03	3.63E-04	4.15E-03	4.41E-04	4.15E-03	4.41E-04	3.01E-03	3.64E-04	3.15E-03	3.82E-04	3.03E-03	3.67E-04	3.01E-03	3.64E-04	3.02E-03	3.65E-04	3.01E-03	3.64E-04	1.20E-01	1.52E-02	1.71E+00	2.00E-01
397 Gridded	3.61E-03	2.76E-04	3.60E-03	2.75E-04	3.87E-03	2.94E-04	3.87E-03	2.94E-04	3.89E-04	3.83E-05	3.60E-03	2.75E-04	4.69E-03	3.49E-04	4.69E-03	3.49E-04	3.62E-03	2.76E-04	3.87E-03	2.94E-04	3.65E-03	2.78E-04	3.61E-03	2.76E-04	3.63E-03	2.77E-04	3.62E-03	2.77E-04	8.94E-02	1.29E-02	2.11E+00	1.41E-01
398 Gridded	2.92E-03	3.13E-04	2.91E-03	3.11E-04	3.04E-03	3.33E-04	3.04E-03	3.33E-04	3.17E-04	2.66E-05	2.91E-03	3.12E-04	3.55E-03	3.98E-04	3.55E-03	3.98E-04	2.92E-03	3.13E-04	3.04E-03	3.33E-04	2.93E-03	3.15E-04	2.92E-03	3.12E-04	2.93E-03	3.14E-04	2.92E-03	3.13E-04	9.84E-02	1.06E-02	1.55E+00	1.62E-01
399 Gridded	3.74E-03	4.25E-04	3.72E-03	4.23E-04	3.99E-03	4.50E-04	3.99E-03	4.50E-04	2.43E-04	2.35E-05	3.72E-03	4.24E-04	4.83E-03	5.31E-04	4.83E-03	5.31E-04	3.74E-03	4.25E-04	3.99E-03	4.50E-04	3.77E-03	4.28E-04	3.73E-03	4.24E-04	3.75E-03	4.26E-04	3.74E-03	4.25E-04	1.05E-01	1.25E-02	2.18E+00	2.47E-01
400 Gridded	5.31E-03	5.02E-04	5.29E-03	5.00E-04	5.56E-03	5.28E-04	5.56E-03	5.28E-04	2.40E-04	2.94E-05	5.29E-03	5.00E-04	6.39E-03	6.15E-04	6.39E-03	6.15E-04	5.31E-03	5.02E-04	5.56E-03	5.28E-04	5.34E-03	5.05E-04	5.30E-03	5.01E-04	5.32E-03	5.03E-04	5.31E-03	5.02E-04	1.21E-01	1.64E-02	2.87E+00	2.89E-01
401 Gridded	5.62E-03	7.61E-04	5.61E-03	7.58E-04	5.91E-03	8.07E-04	5.91E-03	8.07E-04	2.70E-04	4.36E-05	5.61E-03	7.58E-04	6.84E-03	9.57E-04	6.84E-03	9.57E-04	5.63E-03	7.61E-04	5.91E-03	8.07E-04	5.66E-03	7.66E-04	5.62E-03	7.60E-04	5.64E-03	7.63E-04	5.63E-03	7.61E-04	1.29E-01	2.19E-02	3.18E+00	4.37E-01
402 Gridded	6.56E-03	7.07E-04	6.56E-03	7.05E-04	6.56E-03	7.47E-04	6.56E-03	7.47E-04	2.59E-04	3.76E-05	6.56E-03	7.05E-04	6.56E-03	8.76E-04	6.56E-03	8.76E-04	6.56E-03	7.07E-04	6.56E-03	7.47E-04	6.56E-03	7.12E-04	6.56E-03	7.06E-04	6.56E-03	7.10E-04	6.56E-03	7.08E-04	1.15E-01	1.91E-02	3.49E+00	4.04E-01
403 Gridded	4.99E-03	5.53E-04	4.99E-03	5.51E-04	4.99E-03	5.85E-04	4.99E-03	5.85E-04	1.88E-04	3.01E-05	4.99E-03	5.51E-04	4.99E-03	6.89E-04	4.99E-03	6.89E-04	4.99E-03	5.53E-04	4.99E-03	5.85E-04	4.99E-03	5.57E-04	4.99E-03	5.52E-04	4.99E-03	5.55E-04	4.99E-03	5.54E-04	1.13E-01	1.80E-02	2.66E+00	3.17E-01
404 Gridded	3.79E-03	3.98E-04	3.78E-03	3.97E-04	3.93E-03	4.21E-04	3.93E-03	4.21E-04	2.72E-04	3.08E-05	3.78E-03	3.97E-04	4.38E-03	5.19E-04	4.38E-03	5.19E-04	3.79E-03	3.98E-04	3.93E-03	4.21E-04	3.81E-03	4.01E-04	3.79E-03	3.98E-04	3.80E-03	4.00E-04	3.79E-03	3.98E-04	9.45E-02	1.62E-02	2.04E+00	2.30E-01
405 Gridded	3.35E-03	4.55E-04	3.34E-03	4.53E-04	3.46E-03	4.88E-04	3.46E-03	4.88E-04	2.95E-04	3.08E-05	3.34E-03	4.53E-04	3.81E-03	5.94E-04	3.81E-03	5.94E-04	3.35E-03	4.55E-04	3.46E-03	4.88E-04	3.36E-03	4.59E-04	3.35E-03	4.55E-04	3.36E-03	4.57E-04	3.35E-03	4.56E-04	9.57E-02	1.56E-02	1.80E+00	2.69E-01
406 Gridded	3.99E-03	5.20E-04	3.99E-03	5.18E-04	4.03E-03	5.51E-04	4.03E-03	5.51E-04	2.46E-04	3.32E-05	3.99E-03	5.19E-04	4.16E-03	6.50E-04	4.16E-03	6.50E-04	3.99E-03	5.20E-04	4.03E-03	5.51E-04	4.00E-03	5.24E-04	3.99E-03	5.20E-04	4.00E-03	5.22E-04	3.99E-03	5.21E-04	9.66E-02	2.27E-02	2.14E+00	3.03E-01
407 Gridded	3.65E-03	7.48E-04	3.64E-03	7.45E-04	3.89E-03	8.02E-04	3.89E-03	8.02E-04	2.29E-04	5.01E-05	3.64E-03	7.45E-04	4.64E-03	9.74E-04	4.64E-03	9.74E-04	3.65E-03	7.49E-04	3.89E-03	8.02E-04	3.68E-03	7.55E-04	3.65E-03	7.47E-04	3.67E-03	7.52E-04	3.66E-03	7.49E-04	1.24E-01	2.78E-02	2.03E+00	4.36E-01
408 Gridded	4.27E-03	9.74E-04	4.25E-03	9.70E-04	4.50E-03	1.04E-03	4.50E-03	1.04E-03	2.23E-04	5.86E-05	4.25E-03	9.70E-04	5.27E-03	1.24E-03	5.27E-03	1.24E-03	4.27E-03	9.74E-04	4.50E-03	1.04E-03	4.30E-03	9.82E-04	4.26E-03	9.73E-04	4.28E-03	9.78E-04	4.27E-03	9.75E-04	1.11E-01	2.58E-02	2.42E+00	5.54E-01
409 Gridded	4.25E-03	5.02E-04	4.25E-03	5.00E-04	4.29E-03	5.33E-04	4.29E-03	5.33E-04	2.11E-04	2.91E-05	4.25E-03	5.00E-04	4.86E-03	6.33E-04	4.86E-03	6.33E-04	4.25E-03	5.02E-04	4.29E-03	5.33E-04	4.26E-03	5.06E-04	4.25E-03	5.01E-04	4.26E-03	5.04E-04	4.25E-03	5.02E-04	8.58E-02	1.79E-02	2.42E+00	2.80E-01
410 Gridded	3.83E-03	4.98E-04	3.82E-03	4.97E-04	4.01E-03	5.24E-04	4.01E-03	5.24E-04	1.88E-04	2.84E-05	3.82E-03	4.97E-04	4.60E-03	6.09E-04	4.60E-03	6.09E-04	3.83E-03	4.98E-04	4.01E-03	5.24E-04	3.85E-03	5.02E-04	3.83E-03	4.98E-04	3.84E-03	5.00E-04	3.83E-03	4.99E-04	8.85E-02	1.53E-02	2.11E+00	2.85E-01
411 Gridded	3.92E-03	5.12E-04	3.91E-03	5.10E-04	4.02E-03	5.43E-04	4.02E-03	5.43E-04	2.10E-04	2.95E-05	3.91E-03	5.10E-04	4.36E-03	6.45E-04	4.36E-03	6.45E-04	3.92E-03	5.12E-04	4.02E-03	5.43E-04	3.93E-03	5.16E-04	3.91E-03	5.11E-04	3.92E-03	5.14E-04	3.92E-03	5.12E-04	8.83E-02	1.28E-02	2.09E+00	2.93E-01
412 Gridded	4.58E-03	5.25E-04	4.57E-03	5.23E-04	4.75E-03	5.56E-04	4.75E-03	5.56E-04	2.61E-04	2.92E-05	4.57E-03	5.24E-04	5.30E-03	6.57E-04	5.30E-03	6.57E-04	4.58E-03	5.25E-04	4.75E-03	5.56E-04	4.60E-03	5.29E-04	4.58E-03	5.25E-04	4.59E-03	5.27E-04	4.58E-03	5.26E-04	8.46E-02	1.37E-02	2.43E+00	2.92E-01
413 Gridded	4.37E-03	4.88E-04	4.35E-03	4.86E-04	4.60E-03	5.10E-04	4.60E-03	5.10E-04	2.37E-04	2.51E-05	4.35E-03	4.87E-04	5.35E-03	5.95E-04	5.35E-03	5.95E-04	4.37E-03	4.88E-04	4.60E-03	5.10E-04	4.40E-03	4.90E-04	4.36E-03	4.87E-04	4.38E-03	4.89E-04	4.37E-03	4.88E-04	1.01E-01	1.41E-02	2.32E+00	2.66E-01
414 Gridded	4.26E-03	4.17E-04	4.26E-03	4.15E-04	4.26E-03	4.34E-04	4.26E-03	4.34E-04	2.52E-04	1.93E-05	4.26E-03	4.16E-04	4.99E-03	4.93E-04	4.99E-03	4.93E-04	4.26E-03	4.17E-04	4.26E-03	4.34E-04	4.26E-03	4.19E-04	4.26E-03	4.16E-04	4.26E-03	4.17E-04	4.26E-03	4.17E-04	1.05E-01	1.45E-02	2.46E+00	2.27E-01
415 Gridded	4.94E-03	3.37E-04	4.94E-03	3.37E-04	5.27E-03	3.50E-04	5.27E-03	3.50E-04	3.38E-04	2.29E-05	4.94E-03	3.37E-04	6.43E-03	3.98E-04	6.43E-03	3.98E-04	4.94E-03	3.37E-04	5.27E-03	3.50E-04	4.96E-03	3.39E-04	4.94E-03	3.37E-04	4.94E-03	3.38E-04	4.94E-03	3.37E-04	1.20E-01	1.37E-02	2.81E+00	1.87E-01
416 Gridded	6.84E-03	3.85E-04	6.82E-03	3.84E-04	7.21E-03	4.07E-04	7.21E-03	4.07E-04	3.42E-04	2.53E-05	6.82E-03	3.84E-04	8.39E-03	4.79E-04	8.39E-03	4.79E-04	6.84E-03	3.85E-04	7.21E-03	4.07E-04	6.89E-03	3.88E-04	6.83E-03	3.85E-04	6.86E-03	3.86E-04	6.85E-03	3.85E-04	1.06E-01	1.38E-02	3.76E+00	2.14E-01
417 Gridded	6.55E-03	3.96E-04	6.54E-03	3.95E-04	6.80E-03	4.14E-04	6.80E-03	4.14E-04	2.61E-04	2.45E-05	6.54E-03	3.95E-04	7.59E-03	4.71E-04	7.59E-03	4.71E-04	6.55E-03	3.96E-04	6.80E-03	4.14E-04	6.58E-03	3.98E-04	6.55E-03	3.95E-04	6.57E-03	3.97E-04	6.56E-03	3.96E-04	1.18E-01	1.53E-02	3.57E+00	2.18E-01
418 Gridded	4.57E-03	4.03E-04	4.57E-03	4.01E-04	4.57E-03	4.28E-04	4.57E-03	4.28E-04	2.35E-04	2.35E-05	4.57E-03	4.02E-04	4.58E-03	5.09E-04	4.58E-03	5.09E-04	4.57E-03	4.03E-04	4.57E-03	4.28E-04	4.57E-03	4.06E-04	4.57E-03	4.03E-04	4.57E-03	4.05E-04	4.57E-03	4.03E-04	1.13E-01	1.89E-02	2.61E+00	2.27E-01
419 Gridded	3.86E-03	3.81E-04	3.85E-03	3.80E-04	3.95E-03	4.04E-04	3.95E-03	4.04E-04	2.26E-04	2.30E-05	3.85E-03	3.80E-04	4.24E-03	4.76E-04	4.24E-03	4.76E-04	3.86E-03	3.81E-04	3.95E-03	4.04E-04	3.87E-03	3.84E-04	3.86E-03	3.81E-04	3.86E-03	3.83E-04	3.86E-03	3.82E-04	1.36E-01	2.26E-02	2.19E+00	2.22E-01
420 Gridded	3.84E-03	4.23E-04	3.83E-03	4.22E-04	3.86E-03	4.45E-04	3.86E-03	4.45E-04	2.20E-04	2.34E-05	3.83E-03	4.22E-04	4.20E-03	5.15E-04	4.20E-03	5.15E-04	3.84E-03	4.23E-04	3.86E-03	4.45E-04	3.84E-03	4.26E-04	3.84E-03	4.23E-04	3.84E-03	4.24E-04	3.84E-03	4.23E-04	1.85E-01	2.20E-02	2.03E+00	2.40E-01
421 Gridded	3.91E-03	3.92E-04	3.91E-03	3.91E-04	4.06E-03	4.17E-04	4.06E-03	4.17E-04	2.82E-04	2.30E-05	3.91E-03	3.91E-04	4.74E-03	4.96E-04	4.74E-03	4.96E-04	3.92E-03	3.92E-04	4.06E-03	4.17E-04	3.93E-03	3.95E-04	3.91E-03	3.92E-04	3.92E-03	3.94E-04	3.92E-03	3.92E-04	1.75E-01	2.37E-02	2.08E+00	2.17E-01
422 Gridded	5.36E-03	4.03E-04	5.34E-03	4.02E-04	5.77E-03	4.25E-04	5.77E-03	4.25E-04	3.83E-04	4.45E-05	5.34E-03	4.02E-04	7.09E-03	4.94E-04	7.09E-03	4.94E-04	5.37E-03	4.03E-04	5.77E-03	4.25E-04	5.41E-03	4.06E-04	5.36E-03	4.03E-04	5.39E-03	4.04E-04	5.37E-03	4.03E-04	1.60E-01	2.41E-02	3.00E+00	2.23E-01
423 Gridded	6.43E-03	6.47E-04	6.42E-03	6.43E-04	6.65E-03	7.00E-04	6.65E-03	7.00E-04	3.34E-04	5.03E-05	6.43E-03	6.44E-04	7.49E-03	8.74E-04	7.49E-03	8.74E-04	6.43E-03	6.47E-04	6.65E-03	7.00E-04	6.45E-03	6.53E-04	6.43E-03	6.45E-04	6.44E-03	6.50E-04	6.44E-03	6.47E-04	1.86E-01	2.77E-02	3.42E+00	3.68E-01
424 Gridded	7.03E-03	7.92E-04	7.00E-03	7.89E-04	7.45E-03	8.34E-04	7.45E-03	8.34E-04	3.93E-04	3.96E-05	7.00E-03	7.89E-04	8.80E-03	9.70E-04	8.80E-03	9.70E-04	7.03E-03	7.92E-04	7.45E-03	8.34E-04	7.08E-03	7.97E-04	7.02E-03	7.91E-04	7.05E-03	7.94E-04	7.03E-03	7.92E-04	2.18E-01	2.47E-02	4.05E+00	4.27E-01
425 Gridded	7.94E-03	6.44E-04	7.91E-03	6.43E-04	8.32E-03	6.68E-04	8.32E-03	6.68E-04	3.65E-04	3.45E-05	7.91E-03	6.43E-04	9.58E-03	7.47E-04	9.58E-03	7.47E-04	7.94E-03	6.44E-04	8.32E-03	6.68E-04	7.98E-03	6.47E-04	7.93E-03	6.44E-04	7.96E-03	6.46E-04	7.94E-03	6.45E-04	1.58E-01	1.58E-02	4.35E+00	3.43E-01
426 Gridded	4.35E-03	5.03E-04	4.34E-03	5.00E-04	4.53E-03	5.50E-04	4.53E-03	5.50E-04	3.52E-04	4.41E-05	4.34E-03	5.00E-04	5.10E-03	7.01E-04	5.10E-03	7.01E-04	4.35E-03	5.03E-04	4.53E-03	5.50E-04	4.37E-03	5.09E-04	4.34E-03	5.02E-04	4.36E-03	5.05E-04	4.35E-03	5.03E-04	1.84E-01	1.97E-02	2.31E+00	2.68E-01
427 Gridded	4.87E-03	7.29E-04	4.85E-03	7.25E-04	5.06E-03	7.85E-04	5.06E-03	7.85E-04	3.82E-04	5.26E-05	4.86E-03	7.26E-04	5.67E-03	9.66E-04	5.67E-03	9.66E-04	4.87E-03	7.29E-04	5.06E-03	7.85E-04	4.89E-03	7.36E-04	4.86E-03	7.28E-04	4.88E-03	7.32E-04	4.87E-03	7.30E-04	1.79E-01	1.55E-02	2.57E+00	3.85E-01
428 Gridded	6.10E-03	8.15E-04	6.08E-03	8.13E-04	6.36E-03	8.45E-04	6.36E-03	8.45E-04	2.49E-04	2.79E-05	6.08E-03	8.13E-04	7.22E-03	9.41E-04	7.22E-03	9.41E-04	6.10E-03	8.15E-04	6.36E-03	8.45E-04	6.13E-03	8.19E-04	6.09E-03	8.14E-04	6.11E-03	8.17E-04	6.10E-03	8.15E-04	1.37E-01	1.21E-02	3.22E+00	4.31E-01
429 Gridded	5.15E-03	4.53E-04	5.14E-03	4.53E-04	5.25E-03	4.61E-04	5.25E-03	4.61E-04	2.43E-04	1.65E-05	5.14E-03	4.53E-04	5.59E-03	4.86E-04	5.59E-03	4.86E-04	5.15E-03	4.53E-04	5.25E-03	4.61E-04	5.16E-03	4.54E-04	5.15E-03	4.53E-04	5.16E-03	4.54E-04	5.15E-03	4.53E-04	1.34E-01	1.04E-02	2.74E+00	2.40E-01
430 Gridded	4.88E-03	3.90E-04	4.86E-03	3.88E-04	5.14E-03	4.14E-04	5.14E-03	4.14E-04	2.91E-04	2.22E-05	4.86E-03	3.89E-04	5.98E-03	4.90E-04	5.98E-03	4.90E-04	4.88E-03	3.90E-04	5.14E-03	4.14E-04	4.91E-03	3.93E-04	4.87E-03	3.89E-04	4.89E-03	3.91E-04	4.88E-03	3.90E-04	1.23E-01	1.02E-02	2.69E+00	2.21E-01
431 Gridded	4.88E-03	3.98E-04	4.86E-03	3.97E-04	5.18E-03	4.20E-04	5.18E-03	4.20E-04	2.84E-04	2.06E-05	4.87E-03	3.97E-04	6.16E-03	4.91E-04	6.16E-03	4.91E-04	4.88E-03	3.98E-04	5.18E-03	4.20E-04	4.92E-03	4.01E-04	4.88E-03	3.98E-04	4.90E-03	3.99E-04	4.89E-03	3.98E-04	1.41E-01	1.10E-02	2.80E+00	2.30E-01
432 Gridded	4.17E-03	3.38E-04	4.16E-03	3.36E-04	4.27E-03	3.59E-04	4.27E-03	3.59E-04	2.52E-04	1.98E-05	4.16E-03	3.37E-04	4.58E-03	4.26E-04	4.58E-03	4.26E-04	4.17E-03	3.38E-04	4.27E-03	3.59E-04	4.18E-03	3.40E-04	4.17E-03	3.37E-04	4.17E-03	3.39E-04	4.17E-03	3.38E-04	1.45E-01	1.07E-02	2.22E+00	1.98E-01
433 Gridded	4.40E-03	3.89E-04	4.38E-03	3.88E-04	4.66E-03	4.12E-04	4.66E-03	4.12E-04	2.55E-04	2.33E-05	4.38E-03	3.88E-04	5.51E-03	4.85E-04	5.51E-03	4.85E-04	4.40E-03	3.89E-04	4.66E-03	4.12E-04	4.43E-03	3.92E-04	4.39E-03	3.89E-04	4.41E-03	3.91E-04	4.40E-03	3.90E-04	1.34E-01	1.40E-02	2.51E+00	2.30E-01
434 Gridded	4.19E-03	4.06E-04	4.17E-03	4.05E-04	4.45E-03	4.31E-04	4.45E-03	4.31E-04	2.98E-04	2.36E-05	4.18E-03	4.05E-04	5.31E-03	5.13E-04	5.31E-03	5.13E-04	4.19E-03	4.06E-04	4.45E-03	4.31E-04	4.22E-03	4.09E-04	4.18E-03	4.06E-04	4.21E-03	4.08E-04	4.19E-03	4.07E-04	1.35E-01	1.48E-02	2.45E+00	2.41E-01
435 Gridded	4.15E-03	4.04E-04	4.13E-03	4.02E-04	4.40E-03	4.35E-04	4.40E-03	4.35E-04	3.18E-04	2.88E-05	4.14E-03	4.02E-04	5.20E-03	5.34E-04	5.20E-03	5.34E-04	4.15E-03	4.04E-04	4.40E-03	4.35E-04	4.18E-03	4.08E-04	4.14E-03	4.03E-04	4.16E-03	4.06E-04	4.15E-03	4.04E-04	1.20E-01	1.36E-02	2.41E+00	2.37E-01
436 Gridded	3.39E-03	3.57E-04	3.38E-03	3.56E-04	3.54E-03	3.80E-04	3.54E-03	3.80E-04	2.60E-04	2.10E-05	3.38E-03	3.56E-04	4.04E-03	4.52E-04	4.04E-03	4.52E-04	3.39E-03	3.57E-04	3.54E-03	3.80E-04	3.41E-03	3.60E-04	3.39E-03	3.57E-04	3.40E-03	3.59E-04	3.39E-03	3.57E-04	9.79E-02	1.24E-02	1.91E+00	2.09E-01
437 Gridded	3.32E-03	3.19E-04	3.32E-03	3.18E-04	3.39E-03	3.34E-04	3.39E-03	3.34E-04	1.86E-04	1.71E-05	3.32E-03	3.18E-04	3.67E-03	3.83E-04	3.67E-03	3.83E-04	3.32E-03	3.19E-04	3.39E-03	3.34E-04	3.33E-03	3.21E-04	3.32E-03	3.19E-04	3.32E-03	3.20E-04	3.32E-03	3.19E-04	1.26E-01	1.16E-02	1.89E+00	1.91E-01
438 Gridded	3.00E-03	3.75E-04	2.99E-03	3.74E-04	3.11E-03	3.90E-04	3.11E-03	3.90E-04	1.64E-04	2.21E-05	2.99E-03	3.74E-04	3.50E-03	4.40E-04	3.50E-03	4.40E-04	3.00E-03	3.75E-04	3.11E-03	3.90E-04	3.01E-03	3.77E-04	2.99E-03	3.74E-04	3.00E-03	3.76E-04	3.00E-03	3.75E-04	1.03E-01	1.06E-02	1.73E+00	2.17E-01
439 Gridded	3.63E-03	4.65E-04	3.63E-03	4.63E-04	3.70E-03	4.90E-04	3.70E-03	4.90E-04	1.61E-04	2.36E-05	3.63E-03	4.64E-04	3.93E-03	5.72E-04	3.93E-03	5.72E-04	3.63E-03	4.65E-04	3.70E-03	4.90E-04	3.64E-03	4.68E-04	3.63E-03	4.65E-04	3.64E-03	4.67E-04	3.63E-03	4.65E-04	1.05E-01	1.07E-02	2.11E+00	2.55E-01
440 Gridded	3.31E-03	3.60E-04	3.30E-03	3.59E-04	3.45E-03	3.79E-04	3.45E-03	3.79E-04	1.60E-04	1.74E-05	3.30E-03	3.59E-04	3.89E-03	4.39E-04	3.89E-03	4.39E-04	3.31E-03	3.60E-04	3.45E-03	3.79E-04	3.33E-03	3.63E-04	3.31E-03	3.60E-04	3.32E-03	3.61E-04	3.31E-03	3.60E-04	1.07E-01	1.08E-02	1.91E+00	1.99E-01
441 Gridded	3.32E-03	2.66E-04	3.31E-03	2.65E-04	3.43E-03	2.85E-04	3.43E-03	2.85E-04	1.76E-04	1.75E-05	3.32E-03	2.65E-04	3.80E-03	3.45E-04	3.80E-03	3.45E-04	3.32E-03	2.66E-04	3.43E-03	2.85E-04	3.34E-03	2.68E-04	3.32E-03	2.66E-04	3.33E-03	2.67E-04	3.32E-03	2.66E-04	1.05E-01	1.15E-02	1.93E+00	1.53E-01
442 Gridded	3.41E-03	3.36E-04	3.39E-03	3.35E-04	3.62E-03	3.57E-04	3.62E-03	3.57E-04	2.02E-04	1.94E-05	3.40E-03	3.35E-04	4.32E-03	4.23E-04	4.32E-03	4.23E-04	3.41E-03	3.36E-04	3.62E-03	3.57E-04	3.44E-03	3.39E-04	3.40E-03	3.36E-04	3.42E-03	3.37E-04	3.41E-03	3.36E-04	1.01E-01	1.32E-02	1.82E+00	1.93E-01
443 Gridded	3.26E-03	3.51E-04	3.25E-03	3.50E-04	3.42E-03	3.69E-04	3.42E-03	3.69E-04	1.75E-04	1.92E-05	3.25E-03	3.50E-04	3.93E-03	4.26E-04	3.93E-03	4.26E-04	3.26E-03	3.51E-04	3.42E-03	3.69E-04	3.28E-03	3.53E-04	3.26E-03	3.51E-04	3.27E-03	3.52E-04	3.26E-03	3.52E-04	1.26E-01	1.52E-02	1.88E+00	2.01E-01
444 Gridded	2.95E-03	4.20E-04	2.95E-03	4.18E-04	3.05E-03	4.44E-04	3.05E-03	4.44E-04	1.73E-04	2.31E-05	2.95E-03	4.18E-04	3.55E-03	5.24E-04	3.55E-03	5.24E-04	2.95E-03	4.20E-04	3.05E-03	4.44E-04	2.96E-03	4.23E-04	2.95E-03	4.19E-04	2.96E-03	4.21E-04	2.95E-03	4.20E-04	1.67E-01	1.53E-02	1.69E+00	2.42E-01
445 Gridded	3.47E-03	4.44E-04	3.46E-03	4.42E-04	3.58E-03	4.68E-04	3.58E-03	4.68E-04	1.97E-04	2.30E-05	3.46E-03	4.43E-04	3.96E-03	5.48E-04	3.96E-03	5.48E-04	3.47E-03	4.44E-04	3.58E-03	4.68E-04	3.48E-03	4.47E-04	3.46E-03	4.43E-04	3.47E-03	4.45E-04	3.47E-03	4.44E-04	1.41E-01	1.16E-02	2.00E+00	2.52E-01
446 Gridded	3.54E-03	4.15E-04	3.53E-03	4.13E-04	3.71E-03	4.36E-04	3.71E-03	4.36E-04	2.77E-04	3.48E-05	3.53E-03	4.14E-04	4.29E-03	5.05E-04	4.29E-03	5.05E-04	3.54E-03	4.15E-04	3.71E-03	4.36E-04	3.56E-03	4.17E-04	3.53E-03	4.14E-04	3.55E-03	4.16E-04	3.54E-03	4.15E-04	1.32E-01	1.53E-02	1.99E+00	2.30E-01
447 Gridded	3.87E-03	3.20E-04	3.85E-03	3.19E-04	4.21E-03	3.35E-04	4.21E-03	3.35E-04	3.77E-04	4.47E-05	3.86E-03	3.19E-04	5.29E-03	3.84E-04	5.29E-03	3.84E-04	3.88E-03	3.20E-04	4.21E-03	3.35E-04	3.92E-03	3.22E-04	3.87E-03	3.19E-04	3.89E-03	3.21E-04	3.88E-03	3.20E-04	1.09E-01	1.64E-02	2.31E+00	1.75E-01
448 Gridded	3.41E-03	3.20E-04	3.39E-03	3.19E-04	3.61E-03	3.40E-04	3.61E-03	3.40E-04	3.94E-04	3.56E-05	3.40E-03	3.19E-04	4.26E-03	4.04E-04	4.26E-03	4.04E-04	3.41E-03	3.20E-04	3.61E-03	3.40E-04	3.43E-03	3.22E-04	3.40E-03	3.20E-04	3.42E-03	3.21E-04	3.41E-03	3.20E-04	1.05E-01	1.17E-02	1.95E+00	1.60E-01
449 Gridded	3.12E-03	3.85E-04	3.10E-03	3.83E-04	3.35E-03	4.10E-04	3.35E-03	4.10E-04	2.34E-04	2.40E-05	3.10E-03	3.84E-04	4.09E-03	4.93E-04	4.09E-03	4.93E-04	3.12E-03	3.85E-04	3.35E-03	4.10E-04	3.15E-03	3.88E-04	3.11E-03	3.84E-04	3.13E-03	3.87E-04	3.12E-03	3.85E-04	1.18E-01	1.31E-02	1.71E+00	2.28E-01
450 Gridded	5.02E-03	5.02E-04	5.00E-03	5.00E-04	5.32E-03	5.30E-04	5.32E-03	5.30E-04	2.83E-04	2.64E-05	5.00E-03	5.00E-04	6.29E-03	6.21E-04	6.29E-03	6.21E-04	5.02E-03	5.02E-04	5.32E-03	5.30E-04	5.05E-03	5.05E-04	5.01E-03	5.01E-04	5.03E-03	5.04E-04	5.02E-03	5.02E-04	1.14E-01	1.47E-02	2.75E+00	2.90E-01
451 Gridded	4.89E-03	6.20E-04	4.87E-03	6.18E-04	5.10E-03	6.61E-04	5.10E-03	6.61E-04	2.68E-04	3.85E-05	4.88E-03	6.18E-04	5.79E-03	7.94E-04	5.79E-03	7.94E-04	4.89E-03	6.21E-04	5.10E-03	6.61E-04	4.91E-03	6.25E-04	4.88E-03	6.19E-04	4.90E-03	6.23E-04	4.89E-03	6.21E-04	1.29E-01	2.07E-02	2.64E+00	3.62E-01
452 Gridded	6.12E-03	8.10E-04	6.12E-03	8.07E-04	6.12E-03	8.57E-04	6.12E-03	8.57E-04	2.90E-04	4.41E-05	6.12E-03	8.07E-04	6.12E-03	1.01E-03	6.12E-03	1.01E-03	6.12E-03	8.10E-04	6.12E-03	8.57E-04	6.12E-03	8.16E-04	6.12E-03	8.09E-04	6.12E-03	8.12E-04	6.12E-03	8.10E-04	1.38E-01	2.21E-02	3.27E+00	4.63E-01
453 Gridded	6.91E-03	6.19E-04	6.91E-03	6.17E-04	6.91E-03	6.52E-04	6.91E-03	6.52E-04	2.32E-04	3.40E-05	6.91E-03	6.17E-04	6.91E-03	7.60E-04	6.91E-03	7.60E-04	6.91E-03	6.19E-04	6.91E-03	6.52E-04	6.91E-03	6.23E-04	6.91E-03	6.19E-04	6.91E-03	6.21E-04	6.91E-03	6.20E-04	1.27E-01	2.09E-02	3.69E+00	3.56E-01
454 Gridded	3.68E-03	4.38E-04	3.66E-03	4.36E-04	3.88E-03	4.64E-04	3.88E-03	4.64E-04	3.09E-04	3.48E-05	3.67E-03	4.37E-04	4.53E-03	5.83E-04	4.53E-03	5.83E-04	3.68E-03	4.38E-04	3.88E-03	4.64E-04	3.70E-03	4.41E-04	3.67E-03	4.37E-04	3.69E-03	4.40E-04	3.68E-03	4.38E-04	1.12E-01	1.89E-02	2.08E+00	2.59E-01
455 Gridded	3.61E-03	4.92E-04	3.60E-03	4.90E-04	3.75E-03	5.28E-04	3.75E-03	5.28E-04	3.12E-04	3.37E-05	3.61E-03	4.90E-04	4.21E-03	6.44E-04	4.21E-03	6.44E-04	3.61E-03	4.92E-04	3.75E-03	5.28E-04	3.63E-03	4.97E-04	3.61E-03	4.91E-04	3.62E-03	4.94E-04	3.62E-03	4.93E-04	1.10E-01	1.86E-02	1.95E+00	2.92E-01
456 Gridded	3.29E-03	5.61E-04	3.29E-03	5.59E-04	3.35E-03	5.94E-04	3.35E-03	5.94E-04	2.13E-04	3.71E-05	3.29E-03	5.59E-04	3.56E-03	7.02E-04	3.56E-03	7.02E-04	3.29E-03	5.61E-04	3.35E-03	5.94E-04	3.30E-03	5.65E-04	3.29E-03	5.60E-04	3.30E-03	5.63E-04	3.29E-03	5.61E-04	1.13E-01	2.64E-02	1.87E+00	3.28E-01
457 Gridded	4.79E-03	7.69E-04	4.78E-03	7.65E-04	4.85E-03	8.25E-04	4.85E-03	8.25E-04	2.25E-04	5.28E-05	4.78E-03	7.66E-04	5.04E-03	1.01E-03	5.04E-03	1.01E-03	4.79E-03	7.69E-04	4.85E-03	8.25E-04	4.79E-03	7.76E-04	4.79E-03	7.68E-04	4.79E-03	7.72E-04	4.79E-03	7.69E-04	1.41E-01	3.05E-02	2.56E+00	4.50E-01
458 Gridded	4.36E-03	9.99E-04	4.35E-03	9.95E-04	4.62E-03	1.06E-03	4.62E-03	1.06E-03	2.42E-04	6.08E-05	4.35E-03	9.95E-04	5.46E-03	1.27E-03	5.46E-03	1.27E-03	4.36E-03	9.99E-04	4.62E-03	1.06E-03	4.40E-03	1.01E-03	4.36E-03	9.98E-04	4.38E-03	1.00E-03	4.37E-03	1.00E-03	1.19E-01	2.82E-02	2.51E+00	5.70E-01

Scenario 2 Results

459 Gridded	5.03E-03	9.87E-04	5.03E-03	9.83E-04	5.04E-03	1.04E-03	5.04E-03	1.04E-03	2.09E-04	5.27E-05	5.03E-03	9.84E-04	5.07E-03	1.22E-03	5.07E-03	1.22E-03	5.03E-03	9.87E-04	5.04E-03	1.04E-03	5.03E-03	9.94E-04	5.03E-03	9.86E-04	5.03E-03	9.90E-04	5.03E-03	9.88E-04	1.10E-01	2.11E-02	2.69E+00	5.53E-01
460 Gridded	4.31E-03	5.86E-04	4.31E-03	5.84E-04	4.33E-03	6.10E-04	4.33E-03	6.10E-04	1.99E-04	3.08E-05	4.31E-03	5.84E-04	4.55E-03	6.87E-04	4.55E-03	6.87E-04	4.31E-03	5.86E-04	4.33E-03	6.10E-04	4.31E-03	5.89E-04	4.31E-03	5.85E-04	4.31E-03	5.87E-04	4.31E-03	5.86E-04	7.94E-02	1.89E-02	2.44E+00	3.17E-01
461 Gridded	4.20E-03	4.76E-04	4.20E-03	4.75E-04	4.21E-03	5.03E-04	4.21E-03	5.03E-04	2.12E-04	2.91E-05	4.20E-03	4.75E-04	4.91E-03	6.03E-04	4.91E-03	6.03E-04	4.20E-03	4.76E-04	4.21E-03	5.03E-04	4.20E-03	4.78E-04	4.20E-03	4.76E-04	4.20E-03	4.77E-04	4.20E-03	4.76E-04	8.91E-02	1.90E-02	2.40E+00	2.70E-01
462 Gridded	4.13E-03	5.12E-04	4.12E-03	5.10E-04	4.20E-03	5.40E-04	4.20E-03	5.40E-04	1.90E-04	2.88E-05	4.12E-03	5.10E-04	4.80E-03	6.31E-04	4.80E-03	6.31E-04	4.13E-03	5.12E-04	4.20E-03	5.40E-04	4.14E-03	5.15E-04	4.13E-03	5.11E-04	4.13E-03	5.13E-04	4.13E-03	5.12E-04	9.95E-02	1.64E-02	2.20E+00	2.89E-01
463 Gridded	4.12E-03	5.39E-04	4.12E-03	5.37E-04	4.12E-03	5.73E-04	4.12E-03	5.73E-04	2.35E-04	3.13E-05	4.12E-03	5.38E-04	4.48E-03	6.80E-04	4.48E-03	6.80E-04	4.12E-03	5.39E-04	4.12E-03	5.73E-04	4.12E-03	5.44E-04	4.12E-03	5.39E-04	4.12E-03	5.41E-04	4.12E-03	5.40E-04	9.53E-02	1.42E-02	2.29E+00	3.10E-01
464 Gridded	3.86E-03	5.50E-04	3.85E-03	5.48E-04	4.10E-03	5.82E-04	4.10E-03	5.82E-04	2.83E-04	3.07E-05	3.85E-03	5.48E-04	4.86E-03	6.88E-04	4.86E-03	6.88E-04	3.86E-03	5.50E-04	4.10E-03	5.82E-04	3.89E-03	5.54E-04	3.86E-03	5.49E-04	3.88E-03	5.52E-04	3.86E-03	5.50E-04	9.16E-02	1.51E-02	2.15E+00	3.07E-01
465 Gridded	3.89E-03	5.08E-04	3.88E-03	5.06E-04	4.06E-03	5.36E-04	4.06E-03	5.36E-04	2.86E-04	2.67E-05	3.88E-03	5.06E-04	4.63E-03	6.28E-04	4.63E-03	6.28E-04	3.89E-03	5.08E-04	4.06E-03	5.36E-04	3.91E-03	5.11E-04	3.89E-03	5.07E-04	3.90E-03	5.09E-04	3.89E-03	5.08E-04	1.08E-01	1.53E-02	2.12E+00	2.79E-01
466 Gridded	4.40E-03	4.35E-04	4.40E-03	4.34E-04	4.40E-03	4.52E-04	4.40E-03	4.52E-04	2.67E-04	2.00E-05	4.40E-03	4.34E-04	4.40E-03	5.09E-04	4.40E-03	5.09E-04	4.40E-03	4.35E-04	4.40E-03	4.52E-04	4.40E-03	4.37E-04	4.40E-03	4.34E-04	4.40E-03	4.36E-04	4.40E-03	4.35E-04	1.22E-01	1.52E-02	2.55E+00	2.37E-01
467 Gridded	5.48E-03	3.61E-04	5.45E-03	3.60E-04	5.88E-03	3.72E-04	5.88E-03	3.72E-04	3.84E-04	2.59E-05	5.45E-03	3.60E-04	7.21E-03	4.24E-04	7.21E-03	4.24E-04	5.48E-03	3.61E-04	5.88E-03	3.72E-04	5.53E-03	3.62E-04	5.47E-03	3.60E-04	5.50E-03	3.61E-04	5.48E-03	3.61E-04	1.36E-01	1.49E-02	3.11E+00	2.00E-01
468 Gridded	7.86E-03	4.30E-04	7.83E-03	4.29E-04	8.27E-03	4.55E-04	8.27E-03	4.55E-04	3.93E-04	2.99E-05	7.83E-03	4.29E-04	9.63E-03	5.35E-04	9.63E-03	5.35E-04	7.86E-03	4.30E-04	8.27E-03	4.55E-04	7.91E-03	4.33E-04	7.85E-03	4.30E-04	7.88E-03	4.32E-04	7.86E-03	4.31E-04	1.19E-01	1.56E-02	4.32E+00	2.39E-01
469 Gridded	7.19E-03	4.23E-04	7.17E-03	4.22E-04	7.46E-03	4.42E-04	7.46E-03	4.42E-04	2.77E-04	2.58E-05	7.18E-03	4.22E-04	8.32E-03	5.08E-04	8.32E-03	5.08E-04	7.19E-03	4.23E-04	7.46E-03	4.42E-04	7.22E-03	4.25E-04	7.19E-03	4.22E-04	7.21E-03	4.24E-04	7.19E-03	4.23E-04	1.26E-01	1.68E-02	3.91E+00	2.33E-01
470 Gridded	4.47E-03	4.03E-04	4.47E-03	4.01E-04	4.47E-03	4.28E-04	4.47E-03	4.28E-04	2.41E-04	2.38E-05	4.47E-03	4.01E-04	4.47E-03	5.10E-04	4.47E-03	5.10E-04	4.47E-03	4.03E-04	4.47E-03	4.28E-04	4.47E-03	4.06E-04	4.47E-03	4.02E-04	4.47E-03	4.04E-04	4.47E-03	4.03E-04	1.14E-01	2.02E-02	2.55E+00	2.26E-01
471 Gridded	4.43E-03	4.40E-04	4.43E-03	4.38E-04	4.52E-03	4.65E-04	4.52E-03	4.65E-04	2.51E-04	2.60E-05	4.43E-03	4.38E-04	4.80E-03	5.46E-04	4.80E-03	5.46E-04	4.44E-03	4.40E-04	4.52E-03	4.65E-04	4.45E-03	4.43E-04	4.43E-03	4.39E-04	4.44E-03	4.41E-04	4.44E-03	4.40E-04	1.67E-01	2.48E-02	2.34E+00	2.54E-01
472 Gridded	3.94E-03	4.71E-04	3.94E-03	4.69E-04	4.01E-03	4.93E-04	4.01E-03	4.93E-04	2.51E-04	2.65E-05	3.94E-03	4.69E-04	4.60E-03	5.65E-04	4.60E-03	5.65E-04	3.94E-03	4.71E-04	4.01E-03	4.93E-04	3.94E-03	4.73E-04	3.94E-03	4.70E-04	3.94E-03	4.72E-04	3.94E-03	4.71E-04	1.97E-01	2.36E-02	2.18E+00	2.65E-01
473 Gridded	4.30E-03	4.19E-04	4.29E-03	4.17E-04	4.48E-03	4.44E-04	4.48E-03	4.44E-04	3.51E-04	3.34E-05	4.29E-03	4.17E-04	5.07E-03	5.25E-04	5.07E-03	5.25E-04	4.30E-03	4.19E-04	4.48E-03	4.44E-04	4.32E-03	4.22E-04	4.29E-03	4.18E-04	4.31E-03	4.20E-04	4.30E-03	4.19E-04	1.64E-01	2.49E-02	2.34E+00	2.30E-01
474 Gridded	6.14E-03	4.49E-04	6.12E-03	4.45E-04	6.50E-03	5.04E-04	6.50E-03	5.04E-04	3.51E-04	5.20E-05	6.13E-03	4.46E-04	7.67E-03	6.83E-04	7.67E-03	6.83E-04	6.15E-03	4.49E-04	6.50E-03	5.04E-04	6.19E-03	4.56E-04	6.14E-03	4.48E-04	6.17E-03	4.52E-04	6.15E-03	4.50E-04	1.71E-01	2.92E-02	3.36E+00	2.78E-01
475 Gridded	5.79E-03	7.58E-04	5.79E-03	7.55E-04	5.92E-03	8.07E-04	5.92E-03	8.07E-04	3.21E-04	4.54E-05	5.79E-03	7.56E-04	6.62E-03	9.63E-04	6.62E-03	9.63E-04	5.79E-03	7.58E-04	5.92E-03	8.07E-04	5.81E-03	7.64E-04	5.79E-03	7.57E-04	5.80E-03	7.61E-04	5.80E-03	7.59E-04	2.17E-01	2.93E-02	3.10E+00	4.18E-01
476 Gridded	8.69E-03	7.19E-04	8.66E-03	7.17E-04	9.13E-03	7.51E-04	9.13E-03	7.51E-04	4.20E-04	3.84E-05	8.66E-03	7.18E-04	1.06E-02	8.55E-04	1.06E-02	8.55E-04	8.69E-03	7.19E-04	9.13E-03	7.51E-04	8.74E-03	7.23E-04	8.68E-03	7.19E-04	8.71E-03	7.21E-04	8.69E-03	7.20E-04	1.98E-01	1.92E-02	4.82E+00	3.84E-01
477 Gridded	4.49E-03	5.19E-04	4.48E-03	5.18E-04	4.69E-03	5.47E-04	4.69E-03	5.47E-04	3.69E-04	4.16E-05	4.48E-03	5.18E-04	5.34E-03	6.90E-04	5.34E-03	6.90E-04	4.49E-03	5.19E-04	4.69E-03	5.47E-04	4.52E-03	5.21E-04	4.49E-03	5.19E-04	4.50E-03	5.20E-04	4.49E-03	5.19E-04	1.84E-01	2.00E-02	2.50E+00	2.76E-01
478 Gridded	4.16E-03	6.56E-04	4.14E-03	6.52E-04	4.40E-03	7.15E-04	4.40E-03	7.15E-04	3.63E-04	5.53E-05	4.14E-03	6.53E-04	5.21E-03	9.06E-04	5.21E-03	9.06E-04	4.16E-03	6.56E-04	4.40E-03	7.15E-04	4.19E-03	6.63E-04	4.15E-03	6.55E-04	4.17E-03	6.60E-04	4.16E-03	6.57E-04	1.85E-01	1.86E-02	2.20E+00	3.47E-01
479 Gridded	5.89E-03	8.84E-04	5.86E-03	8.81E-04	6.21E-03	9.22E-04	6.21E-03	9.22E-04	3.04E-04	3.61E-05	5.87E-03	8.82E-04	7.26E-03	1.05E-03	7.26E-03	1.05E-03	5.89E-03	8.84E-04	6.21E-03	9.22E-04	5.93E-03	8.88E-04	5.88E-03	8.83E-04	5.91E-03	8.86E-04	5.89E-03	8.84E-04	1.51E-01	1.39E-02	3.11E+00	4.68E-01
480 Gridded	5.94E-03	5.91E-04	5.93E-03	5.90E-04	6.07E-03	6.02E-04	6.07E-03	6.02E-04	2.60E-04	1.84E-05	5.93E-03	5.90E-04	6.49E-03	6.36E-04	6.49E-03	6.36E-04	5.94E-03	5.91E-04	6.07E-03	6.02E-04	5.95E-03	5.92E-04	5.94E-03	5.91E-04	5.95E-03	5.91E-04	5.94E-03	5.91E-04	1.55E-01	1.10E-02	3.16E+00	3.13E-01
481 Gridded	5.29E-03	3.95E-04	5.27E-03	3.94E-04	5.59E-03	4.20E-04	5.59E-03	4.20E-04	3.12E-04	2.35E-05	5.28E-03	3.94E-04	6.57E-03	5.01E-04	6.57E-03	5.01E-04	5.29E-03	3.95E-04	5.59E-03	4.20E-04	5.33E-03	3.98E-04	5.29E-03	3.95E-04	5.31E-03	3.97E-04	5.30E-03	3.96E-04	1.30E-01	1.08E-02	2.92E+00	2.25E-01
482 Gridded	5.13E-03	4.41E-04	5.10E-03	4.39E-04	5.46E-03	4.65E-04	5.46E-03	4.65E-04	3.10E-04	2.27E-05	5.11E-03	4.39E-04	6.52E-03	5.43E-04	6.52E-03	5.43E-04	5.13E-03	4.41E-04	5.46E-03	4.65E-04	5.17E-03	4.44E-04	5.12E-03	4.40E-04	5.15E-03	4.42E-04	5.13E-03	4.41E-04	1.54E-01	1.19E-02	2.96E+00	2.54E-01
483 Gridded	4.66E-03	3.79E-04	4.65E-03	3.78E-04	4.78E-03	4.03E-04	4.78E-03	4.03E-04	2.69E-04	2.21E-05	4.65E-03	3.78E-04	5.17E-03	4.79E-04	5.17E-03	4.79E-04	4.66E-03	3.79E-04	4.78E-03	4.03E-04	4.67E-03	3.82E-04	4.66E-03	3.79E-04	4.67E-03	3.81E-04	4.66E-03	3.80E-04	1.59E-01	1.17E-02	2.48E+00	2.22E-01
484 Gridded	4.78E-03	4.35E-04	4.76E-03	4.33E-04	5.06E-03	4.60E-04	5.06E-03	4.60E-04	2.86E-04	2.61E-05	4.76E-03	4.33E-04	5.98E-03	5.42E-04	5.98E-03	5.42E-04	4.78E-03	4.35E-04	5.06E-03	4.60E-04	4.81E-03	4.38E-04	4.77E-03	4.34E-04	4.79E-03	4.36E-04	4.78E-03	4.35E-04	1.48E-01	1.53E-02	2.73E+00	2.58E-01
485 Gridded	4.61E-03	4.55E-04	4.59E-03	4.53E-04	4.90E-03	4.82E-04	4.90E-03	4.82E-04	3.47E-04	2.57E-05	4.59E-03	4.54E-04	5.84E-03	5.71E-04	5.84E-03	5.71E-04	4.61E-03	4.55E-04	4.90E-03	4.82E-04	4.64E-03	4.58E-04	4.60E-03	4.54E-04	4.62E-03	4.57E-04	4.61E-03	4.55E-04	1.38E-01	1.61E-02	2.67E+00	2.69E-01
486 Gridded	4.32E-03	4.28E-04	4.30E-03	4.26E-04	4.58E-03	4.60E-04	4.58E-03	4.60E-04	3.46E-04	3.04E-05	4.30E-03	4.26E-04	5.43E-03	5.65E-04	5.43E-03	5.65E-04	4.32E-03	4.28E-04	4.58E-03	4.60E-04	4.35E-03	4.32E-04	4.31E-03	4.27E-04	4.33E-03	4.30E-04	4.32E-03	4.28E-04	1.28E-01	1.48E-02	2.51E+00	2.51E-01
487 Gridded	3.47E-03	3.57E-04	3.46E-03	3.56E-04	3.61E-03	3.80E-04	3.61E-03	3.80E-04	2.47E-04	2.10E-05	3.46E-03	3.56E-04	4.07E-03	4.52E-04	4.07E-03	4.52E-04	3.47E-03	3.57E-04	3.61E-03	3.80E-04	3.49E-03	3.60E-04	3.47E-03	3.57E-04	3.48E-03	3.58E-04	3.47E-03	3.57E-04	9.28E-02	1.30E-02	1.95E+00	2.09E-01
488 Gridded	3.42E-03	3.39E-04	3.42E-03	3.38E-04	3.47E-03	3.54E-04	3.47E-03	3.54E-04	1.79E-04	1.65E-05	3.42E-03	3.38E-04	3.63E-03	4.02E-04	3.63E-03	4.02E-04	3.42E-03	3.39E-04	3.47E-03	3.54E-04	3.43E-03	3.41E-04	3.42E-03	3.39E-04	3.42E-03	3.40E-04	3.42E-03	3.39E-04	1.19E-01	1.13E-02	1.95E+00	2.02E-01
489 Gridded	3.02E-03	4.06E-04	3.01E-03	4.04E-04	3.12E-03	4.32E-04	3.12E-03	4.32E-04	1.77E-04	2.45E-05	3.02E-03	4.05E-04	3.45E-03	5.17E-04	3.45E-03	5.17E-04	3.02E-03	4.06E-04	3.12E-03	4.32E-04	3.03E-03	4.09E-04	3.02E-03	4.06E-04	3.03E-03	4.08E-04	3.02E-03	4.06E-04	1.10E-01	1.17E-02	1.68E+00	2.30E-01
490 Gridded	3.93E-03	4.78E-04	3.92E-03	4.76E-04	4.02E-03	5.03E-04	4.02E-03	5.03E-04	1.82E-04	2.37E-05	3.92E-03	4.77E-04	4.32E-03	5.85E-04	4.32E-03	5.85E-04	3.93E-03	4.78E-04	4.02E-03	5.03E-04	3.94E-03	4.81E-04	3.92E-03	4.78E-04	3.93E-03	4.80E-04	3.93E-03	4.78E-04	1.12E-01	1.19E-02	2.28E+00	2.62E-01
491 Gridded	3.04E-03	3.33E-04	3.03E-03	3.32E-04	3.20E-03	3.50E-04	3.20E-03	3.50E-04	1.63E-04	1.63E-05	3.03E-03	3.32E-04	3.70E-03	4.06E-04	3.70E-03	4.06E-04	3.04E-03	3.33E-04	3.20E-03	3.50E-04	3.06E-03	3.35E-04	3.04E-03	3.33E-04	3.05E-03	3.34E-04	3.04E-03	3.33E-04	1.08E-01	1.22E-02	1.75E+00	1.86E-01
492 Gridded	3.71E-03	3.21E-04	3.70E-03	3.19E-04	3.86E-03	3.42E-04	3.86E-03	3.42E-04	2.08E-04	2.03E-05	3.70E-03	3.20E-04	4.33E-03	4.13E-04	4.33E-03	4.13E-04	3.71E-03	3.21E-04	3.86E-03	3.42E-04	3.73E-03	3.23E-04	3.71E-03	3.20E-04	3.72E-03	3.22E-04	3.71E-03	3.21E-04	1.07E-01	1.32E-02	2.15E+00	1.84E-01
493 Gridded	3.65E-03	3.76E-04	3.63E-03	3.75E-04	3.85E-03	3.97E-04	3.85E-03	3.97E-04	1.95E-04	1.98E-05	3.63E-03	3.75E-04	4.53E-03	4.65E-04	4.53E-03	4.65E-04	3.65E-03	3.76E-04	3.85E-03	3.97E-04	3.67E-03	3.79E-04	3.64E-03	3.76E-04	3.66E-03	3.78E-04	3.65E-03	3.77E-04	1.14E-01	1.51E-02	1.95E+00	2.16E-01
494 Gridded	3.28E-03	3.97E-04	3.27E-03	3.95E-04	3.41E-03	4.21E-04	3.41E-03	4.21E-04	2.07E-04	2.30E-05	3.27E-03	3.95E-04	3.88E-03	5.00E-04	3.88E-03	5.00E-04	3.28E-03	3.97E-04	3.41E-03	4.21E-04	3.30E-03	4.00E-04	3.28E-03	3.96E-04	3.29E-03	3.98E-04	3.28E-03	3.97E-04	1.64E-01	1.68E-02	1.89E+00	2.30E-01
495 Gridded	3.49E-03	4.67E-04	3.48E-03	4.65E-04	3.60E-03	4.94E-04	3.60E-03	4.94E-04	2.03E-04	2.49E-05	3.48E-03	4.66E-04	3.97E-03	5.79E-04	3.97E-03	5.79E-04	3.49E-03	4.67E-04	3.60E-03	4.94E-04	3.50E-03	4.70E-04	3.48E-03	4.67E-04	3.49E-03	4.69E-04	3.49E-03	4.68E-04	1.80E-01	1.50E-02	2.02E+00	2.67E-01
496 Gridded	3.65E-03	4.55E-04	3.63E-03	4.53E-04	3.85E-03	4.79E-04	3.85E-03	4.79E-04	2.18E-04	2.83E-05	3.63E-03	4.54E-04	4.51E-03	5.57E-04	4.51E-03	5.57E-04	3.65E-03	4.55E-04	3.85E-03	4.79E-04	3.67E-03	4.58E-04	3.64E-03	4.55E-04	3.66E-03	4.56E-04	3.65E-03	4.55E-04	1.23E-01	1.36E-02	2.09E+00	2.55E-01
497 Gridded	3.33E-03	3.74E-04	3.32E-03	3.73E-04	3.45E-03	3.92E-04	3.45E-03	3.92E-04	3.16E-04	4.03E-05	3.32E-03	3.73E-04	4.25E-03	4.51E-04	4.25E-03	4.51E-04	3.33E-03	3.74E-04	3.45E-03	3.92E-04	3.34E-03	3.76E-04	3.32E-03	3.74E-04	3.33E-03	3.75E-04	3.33E-03	3.74E-04	1.32E-01	1.72E-02	1.80E+00	2.05E-01
498 Gridded	3.87E-03	3.33E-04	3.85E-03	3.32E-04	4.14E-03	3.54E-04	4.14E-03	3.54E-04	4.23E-04	4.32E-05	3.86E-03	3.32E-04	5.03E-03	4.19E-04	5.03E-03	4.19E-04	3.87E-03	3.34E-04	4.14E-03	3.54E-04	3.90E-03	3.36E-04	3.86E-03	3.33E-04	3.89E-03	3.35E-04	3.87E-03	3.34E-04	1.15E-01	1.43E-02	2.25E+00	1.76E-01
499 Gridded	3.33E-03	4.10E-04	3.32E-03	4.08E-04	3.48E-03	4.39E-04	3.48E-03	4.39E-04	3.40E-04	2.90E-05	3.32E-03	4.08E-04	4.17E-03	5.33E-04	4.17E-03	5.33E-04	3.33E-03	4.10E-04	3.48E-03	4.39E-04	3.34E-03	4.13E-04	3.32E-03	4.09E-04	3.33E-03	4.11E-04	3.33E-03	4.10E-04	1.41E-01	1.50E-02	1.87E+00	2.44E-01
500 Gridded	3.63E-03	4.89E-04	3.62E-03	4.87E-04	3.92E-03	5.18E-04	3.92E-03	5.18E-04	2.64E-04	2.77E-05	3.62E-03	4.87E-04	4.83E-03	6.13E-04	4.83E-03	6.13E-04	3.64E-03	4.89E-04	3.92E-03	5.18E-04	3.67E-03	4.92E-04	3.63E-03	4.88E-04	3.65E-03	4.90E-04	3.64E-03	4.89E-04	1.10E-01	1.54E-02	2.10E+00	2.85E-01
501 Gridded	5.56E-03	5.41E-04	5.54E-03	5.39E-04	5.85E-03	5.80E-04	5.85E-03	5.80E-04	2.70E-04	3.61E-05	5.54E-03	5.39E-04	6.78E-03	7.04E-04	6.78E-03	7.04E-04	5.56E-03	5.41E-04	5.85E-03	5.80E-04	5.59E-03	5.46E-04	5.55E-03	5.40E-04	5.58E-03	5.43E-04	5.56E-03	5.42E-04	1.45E-01	2.04E-02	3.00E+00	3.20E-01
502 Gridded	5.04E-03	7.46E-04	5.02E-03	7.43E-04	5.32E-03	7.93E-04	5.32E-03	7.93E-04	2.66E-04	4.35E-05	5.02E-03	7.44E-04	6.23E-03	9.43E-04	6.23E-03	9.43E-04	5.04E-03	7.47E-04	5.32E-03	7.93E-04	5.07E-03	7.52E-04	5.03E-03	7.45E-04	5.05E-03	7.49E-04	5.04E-03	7.47E-04	1.38E-01	2.28E-02	2.76E+00	4.31E-01
503 Gridded	6.38E-03	6.98E-04	6.38E-03	6.95E-04	6.38E-03	7.36E-04	6.38E-03	7.36E-04	3.02E-04	3.62E-05	6.38E-03	6.96E-04	6.38E-03	8.61E-04	6.38E-03	8.61E-04	6.38E-03	6.98E-04	6.38E-03	7.36E-04	6.38E-03	7.03E-04	6.38E-03	6.97E-04	6.38E-03	7.00E-04	6.38E-03	6.98E-04	1.34E-01	2.24E-02	3.41E+00	4.01E-01
504 Gridded	5.90E-03	4.99E-04	5.90E-03	4.97E-04	5.92E-03	5.33E-04	5.92E-03	5.33E-04	3.49E-04	4.02E-05	5.90E-03	4.97E-04	5.98E-03	6.72E-04	5.98E-03	6.72E-04	5.90E-03	4.99E-04	5.92E-03	5.33E-04	5.90E-03	5.03E-04	5.90E-03	4.98E-04	5.90E-03	5.01E-04	5.90E-03	4.99E-04	1.30E-01	2.28E-02	3.36E+00	2.99E-01
505 Gridded	4.50E-03	6.09E-04	4.50E-03	6.06E-04	4.52E-03	6.53E-04	4.52E-03	6.53E-04	3.64E-04	4.11E-05	4.50E-03	6.07E-04	4.58E-03	7.95E-04	4.58E-03	7.95E-04	4.50E-03	6.09E-04	4.52E-03	6.53E-04	4.51E-03	6.15E-04	4.50E-03	6.08E-04	4.50E-03	6.12E-04	4.50E-03	6.10E-04	1.32E-01	2.44E-02	2.47E+00	3.61E-01
506 Gridded	3.29E-03	5.94E-04	3.28E-03	5.92E-04	3.42E-03	6.31E-04	3.42E-03	6.31E-04	2.06E-04	4.30E-05	3.28E-03	5.92E-04	3.87E-03	7.69E-04	3.87E-03	7.69E-04	3.29E-03	5.95E-04	3.42E-03	6.31E-04	3.30E-03	5.99E-04	3.28E-03	5.94E-04	3.29E-03	5.97E-04	3.29E-03	5.95E-04	1.37E-01	3.10E-02	1.79E+00	3.49E-01
507 Gridded	3.97E-03	8.64E-04	3.96E-03	8.60E-04	4.24E-03	9.28E-04	4.24E-03	9.28E-04	2.51E-04	6.00E-05	3.96E-03	8.60E-04	5.10E-03	1.13E-03	5.10E-03	1.13E-03	3.97E-03	8.64E-04	4.24E-03	9.28E-04	4.01E-03	8.72E-04	3.97E-03	8.62E-04	3.99E-03	8.68E-04	3.98E-03	8.65E-04	1.59E-01	3.44E-02	2.23E+00	5.06E-01
508 Gridded	4.75E-03	1.09E-03	4.73E-03	1.08E-03	5.03E-03	1.16E-03	5.03E-03	1.16E-03	2.64E-04	6.56E-05	4.73E-03	1.08E-03	5.94E-03	1.38E-03	5.94E-03	1.38E-03	4.75E-03	1.09E-03	5.03E-03	1.16E-03	4.78E-03	1.09E-03	4.74E-03	1.08E-03	4.77E-03	1.09E-03	4.75E-03	1.09E-03	1.33E-01	3.01E-02	2.73E+00	6.19E-01
509 Gridded	4.99E-03	1.00E-03	4.99E-03	9.99E-04	4.99E-03	1.06E-03	4.99E-03	1.06E-03	2.21E-04	5.28E-05	4.99E-03	9.99E-04	5.23E-03	1.24E-03	5.23E-03	1.24E-03	4.99E-03	1.00E-03	4.99E-03	1.06E-03	4.99E-03	1.01E-03	4.99E-03	1.00E-03	4.99E-03	1.01E-03	4.99E-03	1.00E-03	1.16E-01	2.36E-02	2.67E+00	5.62E-01
510 Gridded	4.09E-03	7.55E-04	4.09E-03	7.52E-04	4.20E-03	7.92E-04	4.20E-03	7.92E-04	2.06E-04	3.49E-05	4.09E-03	7.53E-04	4.74E-03	9.12E-04	4.74E-03	9.12E-04	4.09E-03	7.55E-04	4.20E-03	7.92E-04	4.10E-03	7.59E-04	4.09E-03	7.54E-04	4.09E-03	7.57E-04	4.09E-03	7.55E-04	1.14E-01	2.84E-02	2.36E+00	4.19E-01
511 Gridded	3.95E-03	7.65E-04	3.93E-03	7.62E-04	4.17E-03	8.03E-04	4.17E-03	8.03E-04	2.13E-04	3.58E-05	3.94E-03	7.63E-04	4.91E-03	9.26E-04	4.91E-03	9.26E-04	3.95E-03	7.65E-04	4.17E-03	8.03E-04	3.98E-03	7.69E-04	3.94E-03	7.64E-04	3.96E-03	7.67E-04	3.95E-03	7.65E-04	7.55E-02	1.70E-02	2.11E+00	4.16E-01
512 Gridded	4.45E-03	6.48E-04	4.45E-03	6.46E-04	4.46E-03	6.75E-04	4.46E-03	6.75E-04	2.05E-04	3.10E-05	4.45E-03	6.46E-04	4.81E-03	7.64E-04	4.81E-03	7.64E-04	4.45E-03	6.48E-04	4.46E-03	6.75E-04	4.45E-03	6.51E-04	4.45E-03	6.47E-04	4.45E-03	6.49E-04	4.45E-03	6.48E-04	8.30E-02	1.98E-02	2.53E+00	3.51E-01
513 Gridded	4.28E-03	4.95E-04	4.27E-03	4.94E-04	4.42E-03	5.22E-04	4.42E-03	5.22E-04	2.19E-04	3.13E-05	4.27E-03	4.94E-04	5.06E-03	6.07E-04	5.06E-03	6.07E-04	4.28E-03	4.95E-04	4.42E-03	5.22E-04	4.30E-03	4.99E-04	4.28E-03	4.95E-04	4.29E-03	4.97E-04	4.28E-03	4.96E-04	9.31E-02	2.04E-02	2.31E+00	2.82E-01
514 Gridded	4.80E-03	5.27E-04	4.79E-03	5.25E-04	4.92E-03	5.58E-04	4.92E-03	5.58E-04	2.52E-04	2.96E-05	4.79E-03	5.26E-04	5.30E-03	6.58E-04	5.30E-03	6.58E-04	4.80E-03	5.28E-04	4.92E-03	5.58E-04	4.81E-03	5.31E-04	4.80E-03	5.27E-04	4.81E-03	5.29E-04	4.80E-03	5.28E-04	1.09E-01	1.81E-02	2.55E+00	2.97E-01
515 Gridded	4.38E-03	5.44E-04	4.38E-03	5.42E-04	4.38E-03	5.78E-04	4.38E-03	5.78E-04	2.96E-04	3.18E-05	4.38E-03	5.42E-04	4.84E-03	6.87E-04	4.84E-03	6.87E-04	4.38E-03	5.44E-04	4.38E-03	5.78E-04	4.38E-03	5.48E-04	4.38E-03	5.43E-04	4.38E-03	5.46E-04	4.38E-03	5.44E-04	1.02E-01	1.53E-02	2.42E+00	3.16E-01
516 Gridded	3.86E-03	5.68E-04	3.84E-03	5.66E-04	4.10E-03	6.02E-04	4.10E-03	6.02E-04	2.95E-04	3.20E-05	3.84E-03	5.66E-04	4.89E-03	7.13E-04	4.89E-03	7.13E-04	3.86E-03	5.68E-04	4.10E-03	6.02E-04	3.89E-03	5.73E-04	3.85E-03	5.68E-04	3.87E-03	5.70E-04	3.86E-03	5.69E-04	9.68E-02	1.61E-02	2.16E+00	3.19E-01
517 Gridded	4.02E-03	5.35E-04	4.01E-03	5.33E-04	4.21E-03	5.65E-04	4.21E-03	5.65E-04	2.61E-04	2.84E-05	4.01E-03	5.34E-04	4.81E-03	6.63E-04	4.81E-03	6.63E-04	4.02E-03	5.35E-04	4.21E-03	5.65E-04	4.04E-03	5.39E-04	4.02E-03	5.35E-04	4.03E-03	5.37E-04	4.02E-03	5.36E-04	1.12E-01	1.64E-02	2.20E+00	2.95E-01
518 Gridded	4.22E-03	4.73E-04	4.22E-03	4.72E-04	4.22E-03	4.92E-04	4.22E-03	4.92E-04	2.76E-04	2.24E-05	4.22E-03	4.72E-04	4.32E-03	5.64E-04	4.32E-03	5.64E-04	4.22E-03	4.73E-04	4.22E-03	4.92E-04	4.22E-03	4.76E-04	4.22E-03	4.73E-04	4.22E-03	4.74E-04	4.22E-03	4.74E-04	1.37E-01	1.62E-02	2.46E+00	2.58E-01
519 Gridded	6.05E-03	4.18E-04	6.02E-03	4.17E-04	6.52E-03	4.33E-04	6.52E-03	4.33E-04	4.35E-04	3.06E-05	6.03E-03	4.18E-04	8.01E-03	4.93E-04	8.01E-03	4.93E-04	6.05E-03	4.18E-04	6.52E-03	4.33E-04	6.11E-03	4.20E-04	6.04E-03	4.18E-04	6.08E-03	4.19E-04	6.06E-03	4.19E-04	1.53E-01	1.69E-02	3.45E+00	2.32E-01
520 Gridded	8.50E-03	4.52E-04	8.47E-03	4.50E-04	8.97E-03	4.78E-04	8.97E-03	4.78E-04	4.36E-04	3.24E-05	8.48E-03	4.51E-04	1.05E-02	5.64E-04	1.05E-02	5.64E-04	8.51E-03	4.52E-04	8.97E-03	4.78E-04	8.56E-03	4.55E-04	8.49E-03	4.51E-04	8.53E-03	4.54E-04	8.51E-03	4.52E-04	1.25E-01	1.68E-02	4.69E+00	2.52E-01
521 Gridded	7.58E-03	4.35E-04	7.56E-03	4.33E-04	7.86E-03	4.54E-04	7.86E-03	4.54E-04	2.76E-04	2.57E-05	7.56E-03	4.34E-04	8.78E-03	5.26E-04	8.78E-03	5.26E-04	7.58E-03	4.35E-04	7.86E-03	4.54E-04	7.61E-03	4.37E-04	7.57E-03	4.34E-04	7.59E-03	4.36E-04	7.58E-03	4.35E-04	1.28E-01	1.81E-02	4.13E+00	2.40E-01
522 Gridded	4.70E-03	4.53E-04	4.70E-03	4.51E-04	4.70E-03	4.81E-04	4.70E-03	4.81E-04	2.47E-04	2.64E-05	4.70E-03	4.52E-04	4.70E-03	5.72E-04	4.70E-03	5.72E-04	4.70E-03	4.53E-04	4.70E-03	4.81E-04	4.70E-03	4.57E-04	4.70E-03	4.53E-04	4.70E-03	4.55E-04	4.70E-03	4.53E-04	1.21E-01	2.27E-02	2.69E+00	2.53E-01
523 Gridded	4.74E-03	4.75E-04	4.73E-03	4.73E-04	4.81E-03	5.01E-04	4.81E-03	5.01E-04	2.53E-04	2.79E-05	4.74E-03	4.74E-04	5.06E-03	5.87E-04	5.06E-03	5.87E-04	4.74E-03	4.75E-04	4.81E-03	5.01E-04	4.75E-03	4.79E-04	4.74E-03	4.75E-04	4.74E-03	4.77E-04	4.74E-03	4.76E-04	1.95E-01	2.68E-02	2.51E+00	2.74E-01
524 Gridded	4.83E-03	4.93E-04	4.83E-03	4.91E-04	4.83E-03	5.14E-04	4.83E-03	5.14E-04	2.67E-04	2.90E-05	4.83E-03	4.92E-04	5.17E-03	5.85E-04	5.17E-03	5.85E-04	4.83E-03	4.93E-04	4.83E-03	5.14E-04	4.83E-03	4.96E-04	4.83E-03	4.92E-04	4.83E-03	4.94E-04	4.83E-03	4.93E-04	1.96E-01	2.64E-02	2.64E+00	2.77E-01
525 Gridded	5.04E-03	4.55E-04	5.02E-03	4.53E-04	5.34E-03	4.81E-04	5.34E-03	4.81E-04	4.00E-04	4.80E-05	5.02E-03	4.53E-04	6.64E-03	5.64E-04	6.64E-03	5.64E-04	5.04E-03	4.55E-04	5.34E-03	4.81E-04	5.07E-03	4.58E-04	5.03E-03	4.54E-04	5.06E-03	4.56E-04	5.04E-03	4.55E-04	1.74E-01	3.00E-02	2.78E+00	2.56E-01
526 Gridded	6.22E-03	6.56E-04	6.21E-03	6.53E-04	6.40E-03	7.11E-04	6.40E-03	7.11E-04	3.26E-04	5.15E-05	6.21E-03	6.53E-04	6.98E-03	8.89E-04	6.98E-03	8.89E-04	6.23E-03	6.56E-04	6.40E-03	7.11E-04	6.25E-03	6.63E-04	6.22E-03	6.55E-04	6.24E-03	6.60E-04	6.23E-03	6.57E-04	2.16E-01	3.32E-02	3.30E+00	3.76E-01
527 Gridded	8.40E-03	7.57E-04	8.37E-03	7.54E-04	8.86E-03	7.95E-04	8.86E-03	7.95E-04	4.39E-04	3.87E-05	8.37E-03	7.54E-04	1.04E-02	9.21E-04	1.04E-02	9.21E-04	8.40E-03	7.57E-04	8.86E-03	7.95E-04	8.45E-03	7.61E-04	8.39E-03	7.56E-04	8.42E-03	7.59E-04	8.40E-03	7.57E-04	2.28E-01	2.49E-02	4.74E+00	4.08E-01
528 Gridded	5.80E-03	5.86E-04	5.78E-03	5.85E-04	6.06E-03	6.06E-04	6.06E-03	6.06E-04	3.45E-04	4.09E-05	5.79E-03	5.85E-04	6.90E-03	6.85E-04	6.90E-03	6.85E-04	5.80E-03	5.86E-04	6.06E-03	6.06E-04	5.83E-03	5.89E-04	5.80E-03	5.86E-04	5.82E-03	5.87E-04	5.80E-03	5.86E-04	1.78E-01	1.91E-02	3.15E+00	3.12E-01
529 Gridded	4.48E-03	5.95E-04	4.47E-03	5.91E-04	4.60E-03	6.54E-04	4.60E-03	6.54E-04	3.20E-04	5.56E-05	4.47E-03	5.91E-04	5.00E-03	8.45E-04	5.00E-03	8.45E-04	4.48E-03	5.95E-04	4.60E-03	6.54E-04	4.50E-03	6.02E-04	4.48E-03	5.93E-04	4.49E-03	5.98E-04	4.48E-03	5.95E-04	1.89E-01	2.13E-02	2.38E+00	3.15E-01
530 Gridded	5.73E-03	9.01E-04	5.73E-03	8.98E-04	5.81E-03	9.51E-04	5.81E-03	9.51E-04	3.65E-04	4.64E-05	5.73E-03	8.99E-04	6.79E-03	1.11E-03	6.79E-03	1.11E-03	5.73E-03	9.01E-04	5.81E-03	9.51E-04	5.74E-03	9.07E-04	5.73E-03	9.00E-04	5.74E-03	9.04E-04	5.73E-03	9.02E-04	1.67E-01	1.48E-02	3.04E+00	4.78E-01
531 Gridded	6.77E-03	7.73E-04	6.76E-03	7.72E-04	6.94E-03	7.89E-04	6.94E-03	7.89E-04	2.69E-04	2.14E-05	6.76E-03	7.72E-04	7.49E-03	8.42E-04	7.49E-03	8.42E-04	6.77E-03	7.73E-04	6.94E-03	7.89E-04	6.79E-03	7.75E-04	6.76E-03	7.73E-04	6.78E-03	7.74E-04	6.77E-03	7.73E-04	1.79E-01	1.31E-02	3.61E+00	4.11E-01
532 Gridded	5.49E-03	3.85E-04	5.47E-03	3.83E-04	5.84E-03	4.11E-04	5.84E-03	4.11E-04	3.25E-04	2.44E-05	5.47E-03	3.84E-04	6.96E-03	4.95E-04	6.96E-03	4.95E-04	5.49E-03	3.85E-04	5.84E-03	4.11E-04	5.53E-03	3.88E-04	5.48E-03	3.85E-04	5.51E-03	3.87E-04	5.49E-03	3.85E-04	1.44E-01	1.15E-02	3.06E+00	2.21E-01
533 Gridded	5.37E-03	4.69E-04	5.35E-03	4.67E-04	5.70E-03	4.94E-04	5.70E-03	4.94E-04	3.22E-04	2.42E-05	5.35E-03	4.67E-04	6.75E-03	5.78E-04	6.75E-03	5.78E-04	5.37E-03	4.69E-04	5.70E-03	4.94E-04	5.41E-03	4.72E-04	5.36E-03	4.68E-04	5.39E-03	4.70E-04	5.37E-03	4.69E-04	1.57E-01	1.28E-02	2.95E+00	2.70E-01
534 Gridded	5.05E-03	4.22E-04	5.04E-03	4.20E-04	5.19E-03	4.48E-04	5.19E-03	4.48E-04	2.84E-04	2.47E-05	5.04E-03	4.20E-04	5.66E-03	5.33E-04	5.66E-03	5.33E-04	5.05E-03	4.22E-04	5.19E-03	4.48E-04	5.07E-03	4.25E-04	5.04E-03	4.21E-04	5.06E-03	4.23E-04	5.05E-03	4.22E-04	1.71E-01	1.26E-02	2.69E+00	2.47E-01
535 Gridded	5.15E-03	4.82E-04	5.13E-03	4.80E-04	5.45E-03	5.10E-04	5.45E-03	5.10E-04	3.46E-04	2.93E-05	5.13E-03	4.80E-04	6.43E-03	6.03E-04	6.43E-03	6.03E-04	5.15E-03	4.82E-04	5.45E-03	5.10E-04	5.19E-03	4.86E-04	5.14E-03	4.81E-04	5.17E-03	4.84E-04	5.15E-03	4.82E-04	1.62E-01	1.67E-02	2.94E+00	2.87E-01
536 Gridded	4.90E-03	4.97E-04	4.88E-03	4.95E-04	5.20E-03	5.26E-04	5.20E-03	5.26E-04	3.78E-04	2.85E-05	4.88E-03	4.96E-04	6.20E-03	6.19E-04	6.20E-03	6.19E-04	4.90E-03	4.97E-04	5.20E-03	5.26E-04	4.93E-03	5.01E-04	4.89E-03	4.97E-04	4.91E-03	4.99E-04	4.90E-03	4.98E-04	1.39E-01	1.76E-02	2.84E+00	2.93E-01
537 Gridded	4.43E-03	4.48E-04	4.41E-03	4.46E-04	4.70E-03	4.81E-04	4.70E-03	4.81E-04	3.52E-04	3.13E-05	4.42E-03	4.46E-04	5.57E-03	5.89E-04	5.57E-03	5.89E-04	4.43E-03	4.48E-04	4.70E-03	4.81E-04	4.46E-03	4.52E-04	4.43E-03	4.47E-04	4.45E-03	4.50E-04	4.43E-03	4.48E-04	1.35E-01	1.59E-02	2.59E+00	2.63E-01
538 Gridded	3.85E-03	3.86E-04	3.84E-03	3.84E-04	3.99E-03	4.10E-04	3.99E-03	4.10E-04	2.44E-04	2.26E-05	3.84E-03	3.85E-04	4.44E-03	4.88E-04	4.44E-03	4.88E-04	3.85E-03	3.86E-04	3.99E-03	4.10E-04	3.87E-03	3.89E-04	3.85E-03	3.85E-04	3.86E-03	3.87E-04	3.85E-03	3.86E-04	1.07E-01	1.41E-02	2.14E+00	2.25E-01
539 Gridded	3.56E-03	3.73E-04	3.56E-03	3.72E-04	3.60E-03	3.88E-04	3.60E-03	3.88E-04	1.74E-04	1.83E-05	3.56E-03	3.72E-04	3.73E-03	4.38E-04	3.73E-03	4.38E-04	3.56E-03	3.73E-04	3.60E-03	3.88E-04	3.57E-03	3.75E-04	3.56E-03	3.72E-04	3.56E-03	3.74E-04	3.56E-03	3.73E-04	1.13E-01	1.21E-02	2.05E+00	2.20E-01
540 Gridded	3.26E-03	4.64E-04	3.25E-03	4.63E-04	3.30E-03	4.92E-04	3.30E-03	4.92E-04	1.74E-04	2.62E-05	3.26E-03	4.63E-04	3.78E-03	5.83E-04	3.78E-03	5.83E-04	3.26E-03	4.65E-04	3.30E-03	4.92E-04	3.26E-03	4.68E-04	3.26E-03	4.64E-04	3.26E-03	4.66E-04	3.26E-03	4.65E-04	1.04E-01	1.28E-02	1.90E+00	2.58E-01
541 Gridded	3.93E-03	4.55E-04	3.92E-03	4.53E-04	4.05E-03	4.79E-04	4.05E-03	4.79E-04	1.87E-04	2.24E-05	3.93E-03	4.54E-04	4.42E-03	5.56E-04	4.42E-03	5.56E-04	3.93E-03	4.55E-04	4.05E-03	4.79E-04	3.95E-03	4.58E-04	3.93E-03	4.55E-04	3.94E-03	4.56E-04	3.93E-03	4.55E-04	1.09E-01	1.30E-02	2.28E+00	2.50E-01
542 Gridded	3.37E-03	3.01E-04	3.36E-03	3.00E-04	3.47E-03	3.16E-04	3.47E-03	3.16E-04	1.70E-04	1.88E-05	3.36E-03	3.00E-04	3.79E-03	3.67E-04	3.79E-03	3.67E-04	3.37E-03	3.01E-04	3.47E-03	3.16E-04	3.38E-03	3.03E-04	3.37E-03	3.00E-04	3.38E-03	3.02E-04	3.37E-03	3.01E-04	1.09E-01	1.33E-02	1.96E+00	1.75E-01
543 Gridded	3.53E-03	3.60E-04	3.52E-03	3.58E-04	3.68E-03	3.83E-04	3.68E-03	3.83E-04	2.07E-04	2.16E-05	3.52E-03	3.58E-04	4.17E-03	4.57E-04	4.17E-03	4.57E-04	3.53E-03	3.60E-04	3.68E-03	3.83E-04	3.55E-03	3.63E-04	3.53E-03	3.59E-04	3.54E-03	3.61E-04	3.53E-03	3.60E-04	1.10E-01	1.46E-02	2.04E+00	2.06E-01
544 Gridded	3.63E-03	3.88E-04	3.62E-03	3.87E-04	3.81E-03	4.07E-04	3.81E-03	4.07E-04	2.27E-04	2.14E-05	3.62E-03	3.87E-04	4.40E-03	4.70E-04	4.40E-03	4.70E-04	3.63E-03	3.88E-04	3.81E-03	4.07E-04	3.65E-03	3.90E-04	3.63E-03	3.88E-04	3.64E-03	3.89E-04	3.63E-03	3.88E-04	1.37E-01	1.69E-02	2.09E+00	2.22E-01
545 Gridded	3.58E-03	4.67E-04	3.57E-03	4.65E-04	3.72E-03	4.95E-04	3.72E-03	4.95E-04	2.39E-04	2.60E-05	3.57E-03	4.66E-04	4.19E-03	5.85E-04	4.19E-03	5.85E-04	3.58E-03	4.67E-04	3.72E-03	4.95E-04	3.60E-03	4.71E-04	3.58E-03	4.67E-04	3.59E-03	4.69E-04	3.58E-03	4.68E-04	1.95E-01	1.76E-02	2.04E+00	2.69E-01
546 Gridded	3.87E-03	4.93E-04	3.87E-03	4.91E-04	3.99E-03	5.20E-04	3.99E-03	5.20E-04	2.26E-04	2.52E-05	3.87E-03	4.92E-04	4.39E-03	6.07E-04	4.39E-03	6.07E-04	3.87E-03	4.93E-04	3.99E-03	5.20E-04	3.89E-03	4.96E-04	3.87E-03	4.93E-04	3.88E-03	4.95E-04	3.88E-03	4.93E-04	1.71E-01	1.34E-02	2.23E+00	2.78E-01
547 Gridded	3.72E-03	4.32E-04	3.71E-03	4.30E-04	3.89E-03	4.53E-04	3.89E-03	4.53E-04	2.79E-04	3.41E-05	3.71E-03	4.30E-04	4.46E-03	5.22E-04	4.46E-03	5.22E-04	3.72E-03	4.32E-04	3.89E-03	4.53E-04	3.74E-03	4.34E-04	3.71E-03	4.31E-04	3.73E-03	4.33E-04	3.72E-03	4.32E-04	1.43E-01	1.71E-02	2.07E+00	2.38E-01
548 Gridded	3.86E-03	3.71E-04	3.85E-03	3.70E-04	4.01E-03	3.83E-04	4.01E-03	3.83E-04	3.76E-04	4.46E-05	3.85E-03	3.70E-04	4.87E-03	4.24E-04	4.87E-03	4.24E-04	3.86E-03	3.71E-04	4.01E-03	3.83E-04	3.88E-03	3.72E-04	3.86E-03	3.71E-04	3.87E-03	3.72E-04	3.86E-03	3.71E-04	1.23E-01	1.66E-02	2.11E+00	2.04E-01
549 Gridded	3.69E-03	3.81E-04	3.69E-03	3.79E-04	3.83E-03	4.10E-04	3.83E-03	4.10E-04	4.03E-04	3.73E-05	3.69E-03	3.79E-04	4.27E-03	5.06E-04	4.27E-03	5.06E-04	3.69E-03	3.81E-04	3.83E-03	4.10E-04	3.71E-03	3.85E-04	3.69E-03	3.80E-04	3.70E-03	3.83E-04	3.70E-03	3.81E-04	1.44E-01	1.58E-02	1.98E+00	2.31E-01
550 Gridded	4.65E-03	5.81E-04	4.63E-03	5.79E-04	4.99E-03	6.16E-04	4.99E-03	6.16E-04	3.15E-04	3.33E-05	4.63E-03	5.79E-04	6.07E-03	7.31E-04	6.07E-03	7.31E-04	4.65E-03	5.81E-04	4.99E-03	6.16E-04	4.69E-03	5.85E-04	4.65E-03	5.80E-04	4.67E-03	5.83E-04	4.66E-03	5.81E-04	1.42E-01	1.78E-02	2.72E+00	3.39E-01
551 Gridded	5.04E-03	5.11E-04	5.02E-03	5.09E-04	5.34E-03	5.41E-04	5.34E-03	5.41E-04	2.84E-04	3.39E-05	5.02E-03	5.10E-04	6.32E-03	6.37E-04	6.32E-03	6.37E-04	5.04E-03	5.12E-04	5.34E-03	5.41E-04	5.07E-03	5.15E-04	5.03E-03	5.11E-04	5.05E-03	5.13E-04	5.04E-03	5.12E-04	1.57E-01	2.02E-02	2.73E+00	2.99E-01
552 Gridded	4.30E-03	6.83E-04	4.28E-03	6.80E-04	4.55E-03	7.28E-04	4.55E-03	7.28E-04	2.50E-04	4.20E-05	4.29E-03	6.81E-04	5.38E-03	8.73E-04	5.38E-03	8.73E-04	4.30E-03	6.84E-04	4.55E-03	7.28E-04	4.33E-03	6.89E-04	4.30E-03	6.82E-04	4.32E-03	6.86E-04	4.30E-03	6.84E-04	1.40E-01	2.33E-02	2.48E+00	3.98E-01
553 Gridded	4.15E-03	6.76E-04	4.13E-03	6.74E-04	4.36E-03	7.15E-04	4.36E-03	7.15E-04	3.27E-04	3.66E-05	4.14E-03	6.74E-04	5.05E-03	8.42E-04	5.05E-03	8.42E-04	4.15E-03	6.76E-04	4.36E-03	7.15E-04	4.18E-03	6.81E-04	4.14E-03	6.75E-04	4.16E-03	6.79E-04	4.15E-03	6.77E-04	1.40E-01	2.25E-02	2.25E+00	3.91E-01

Scenario 2 Results

554 Gridded	4.22E-03	5.00E-04	4.22E-03	4.98E-04	4.22E-03	5.29E-04	4.22E-03	5.29E-04	3.46E-04	3.60E-05	4.22E-03	4.98E-04	4.34E-03	6.24E-04	4.34E-03	6.24E-04	4.22E-03	5.00E-04	4.22E-03	5.29E-04	4.22E-03	5.03E-04	4.22E-03	4.99E-04	4.22E-03	5.01E-04	4.22E-03	5.00E-04	1.36E-01	2.32E-02	2.40E+00	2.96E-01
555 Gridded	7.19E-03	6.29E-04	7.19E-03	6.26E-04	7.21E-03	6.76E-04	7.21E-03	6.76E-04	3.65E-04	4.37E-05	7.19E-03	6.27E-04	7.27E-03	8.26E-04	7.27E-03	8.26E-04	7.19E-03	6.29E-04	7.21E-03	6.76E-04	7.19E-03	6.35E-04	7.19E-03	6.28E-04	7.19E-03	6.32E-04	7.19E-03	6.30E-04	1.43E-01	2.99E-02	4.15E+00	3.76E-01
556 Gridded	6.46E-03	7.23E-04	6.46E-03	7.19E-04	6.48E-03	7.81E-04	6.48E-03	7.81E-04	2.34E-04	5.45E-05	6.46E-03	7.20E-04	6.54E-03	9.69E-04	6.54E-03	9.69E-04	6.46E-03	7.23E-04	6.48E-03	7.81E-04	6.46E-03	7.30E-04	6.46E-03	7.22E-04	6.46E-03	7.27E-04	6.46E-03	7.24E-04	1.79E-01	3.87E-02	3.55E+00	4.37E-01
557 Gridded	4.44E-03	1.01E-03	4.42E-03	1.00E-03	4.75E-03	1.08E-03	4.75E-03	1.08E-03	2.99E-04	6.95E-05	4.43E-03	1.00E-03	5.72E-03	1.32E-03	5.72E-03	1.32E-03	4.45E-03	1.01E-03	4.75E-03	1.08E-03	4.48E-03	1.02E-03	4.44E-03	1.01E-03	4.46E-03	1.01E-03	4.45E-03	1.01E-03	1.78E-01	3.84E-02	2.59E+00	5.88E-01
558 Gridded	5.25E-03	1.15E-03	5.23E-03	1.14E-03	5.55E-03	1.22E-03	5.55E-03	1.22E-03	2.82E-04	6.82E-05	5.23E-03	1.14E-03	6.52E-03	1.46E-03	6.52E-03	1.46E-03	5.25E-03	1.15E-03	5.55E-03	1.22E-03	5.29E-03	1.16E-03	5.24E-03	1.15E-03	5.27E-03	1.15E-03	5.25E-03	1.15E-03	1.48E-01	3.03E-02	2.99E+00	6.53E-01
559 Gridded	4.80E-03	1.01E-03	4.80E-03	1.01E-03	4.81E-03	1.06E-03	4.81E-03	1.06E-03	2.37E-04	5.17E-05	4.80E-03	1.01E-03	5.63E-03	1.24E-03	5.63E-03	1.24E-03	4.80E-03	1.01E-03	4.81E-03	1.06E-03	4.80E-03	1.02E-03	4.80E-03	1.01E-03	4.80E-03	1.01E-03	4.80E-03	1.01E-03	1.19E-01	2.68E-02	2.58E+00	5.65E-01
560 Gridded	4.02E-03	7.09E-04	4.02E-03	7.07E-04	4.15E-03	7.43E-04	4.15E-03	7.43E-04	1.98E-04	3.67E-05	4.02E-03	7.08E-04	4.60E-03	8.53E-04	4.60E-03	8.53E-04	4.02E-03	7.10E-04	4.15E-03	7.43E-04	4.04E-03	7.14E-04	4.02E-03	7.09E-04	4.03E-03	7.11E-04	4.02E-03	7.10E-04	1.25E-01	3.22E-02	2.34E+00	3.94E-01
561 Gridded	3.70E-03	6.19E-04	3.69E-03	6.17E-04	3.84E-03	6.62E-04	3.84E-03	6.62E-04	2.10E-04	4.41E-05	3.69E-03	6.17E-04	4.28E-03	7.99E-04	4.28E-03	7.99E-04	3.70E-03	6.20E-04	3.84E-03	6.62E-04	3.72E-03	6.25E-04	3.70E-03	6.19E-04	3.71E-03	6.22E-04	3.70E-03	6.20E-04	1.26E-01	3.41E-02	2.12E+00	3.65E-01
562 Gridded	3.18E-03	6.97E-04	3.17E-03	6.94E-04	3.37E-03	7.41E-04	3.37E-03	7.41E-04	2.54E-04	4.15E-05	3.17E-03	6.94E-04	3.95E-03	8.84E-04	3.95E-03	8.84E-04	3.19E-03	6.97E-04	3.37E-03	7.41E-04	3.21E-03	7.02E-04	3.18E-03	6.96E-04	3.20E-03	6.99E-04	3.19E-03	6.97E-04	7.22E-02	1.58E-02	1.69E+00	3.86E-01
563 Gridded	3.68E-03	7.80E-04	3.67E-03	7.77E-04	3.90E-03	8.21E-04	3.90E-03	8.21E-04	2.36E-04	3.91E-05	3.67E-03	7.78E-04	4.59E-03	9.56E-04	4.59E-03	9.56E-04	3.68E-03	7.80E-04	3.90E-03	8.21E-04	3.71E-03	7.85E-04	3.68E-03	7.79E-04	3.69E-03	7.82E-04	3.68E-03	7.80E-04	7.66E-02	1.73E-02	2.00E+00	4.25E-01
564 Gridded	4.42E-03	7.12E-04	4.42E-03	7.10E-04	4.42E-03	7.44E-04	4.42E-03	7.44E-04	2.12E-04	3.03E-05	4.42E-03	7.10E-04	4.91E-03	8.47E-04	4.91E-03	8.47E-04	4.42E-03	7.12E-04	4.42E-03	7.44E-04	4.42E-03	7.16E-04	4.42E-03	7.11E-04	4.42E-03	7.14E-04	4.42E-03	7.12E-04	8.67E-02	2.06E-02	2.52E+00	3.86E-01
565 Gridded	4.68E-03	5.43E-04	4.66E-03	5.42E-04	4.87E-03	5.64E-04	4.87E-03	5.64E-04	2.46E-04	3.32E-05	4.67E-03	5.42E-04	5.51E-03	6.49E-04	5.51E-03	6.49E-04	4.68E-03	5.43E-04	4.87E-03	5.64E-04	4.70E-03	5.46E-04	4.67E-03	5.43E-04	4.69E-03	5.45E-04	4.68E-03	5.44E-04	9.53E-02	2.20E-02	2.50E+00	3.01E-01
566 Gridded	4.68E-03	5.26E-04	4.68E-03	5.24E-04	4.80E-03	5.59E-04	4.80E-03	5.59E-04	2.85E-04	3.11E-05	4.68E-03	5.24E-04	5.18E-03	6.67E-04	5.18E-03	6.67E-04	4.68E-03	5.26E-04	4.80E-03	5.59E-04	4.70E-03	5.30E-04	4.68E-03	5.26E-04	4.69E-03	5.28E-04	4.68E-03	5.27E-04	1.17E-01	2.02E-02	2.50E+00	3.00E-01
567 Gridded	4.54E-03	5.55E-04	4.54E-03	5.53E-04	4.60E-03	5.90E-04	4.60E-03	5.90E-04	2.70E-04	3.28E-05	4.54E-03	5.53E-04	5.18E-03	7.03E-04	5.18E-03	7.03E-04	4.54E-03	5.56E-04	4.60E-03	5.90E-04	4.54E-03	5.60E-04	4.54E-03	5.55E-04	4.54E-03	5.57E-04	4.54E-03	5.56E-04	1.10E-01	1.63E-02	2.49E+00	3.26E-01
568 Gridded	4.01E-03	5.86E-04	4.01E-03	5.84E-04	4.01E-03	6.22E-04	4.01E-03	6.22E-04	3.00E-04	3.32E-05	4.01E-03	5.84E-04	4.78E-03	7.36E-04	4.78E-03	7.36E-04	4.01E-03	5.86E-04	4.01E-03	6.22E-04	4.01E-03	5.91E-04	4.01E-03	5.85E-04	4.01E-03	5.88E-04	4.01E-03	5.87E-04	9.85E-02	1.71E-02	2.23E+00	3.32E-01
569 Gridded	4.20E-03	5.75E-04	4.19E-03	5.73E-04	4.41E-03	6.08E-04	4.41E-03	6.08E-04	2.77E-04	3.08E-05	4.19E-03	5.73E-04	5.08E-03	7.14E-04	5.08E-03	7.14E-04	4.20E-03	5.75E-04	4.41E-03	6.08E-04	4.23E-03	5.79E-04	4.20E-03	5.74E-04	4.22E-03	5.77E-04	4.21E-03	5.75E-04	1.17E-01	1.76E-02	2.30E+00	3.18E-01
570 Gridded	3.97E-03	5.26E-04	3.97E-03	5.25E-04	3.97E-03	5.50E-04	3.97E-03	5.50E-04	2.90E-04	2.57E-05	3.97E-03	5.25E-04	4.61E-03	6.39E-04	4.61E-03	6.39E-04	3.97E-03	5.26E-04	3.97E-03	5.50E-04	3.97E-03	5.29E-04	3.97E-03	5.26E-04	3.97E-03	5.28E-04	3.97E-03	5.27E-04	1.51E-01	1.77E-02	2.31E+00	2.87E-01
571 Gridded	6.28E-03	4.49E-04	6.24E-03	4.48E-04	6.77E-03	4.65E-04	6.77E-03	4.65E-04	4.68E-04	3.34E-05	6.25E-03	4.48E-04	8.39E-03	5.21E-04	8.39E-03	5.21E-04	6.28E-03	4.49E-04	6.77E-03	4.65E-04	6.34E-03	4.51E-04	6.27E-03	4.49E-04	6.31E-03	4.50E-04	6.28E-03	4.49E-04	1.69E-01	1.82E-02	3.60E+00	2.46E-01
572 Gridded	8.92E-03	4.60E-04	8.89E-03	4.58E-04	9.42E-03	4.88E-04	9.42E-03	4.88E-04	4.69E-04	3.31E-05	8.90E-03	4.59E-04	1.10E-02	5.76E-04	1.10E-02	5.76E-04	8.93E-03	4.60E-04	9.42E-03	4.88E-04	8.99E-03	4.64E-04	8.91E-03	4.60E-04	8.95E-03	4.62E-04	8.93E-03	4.61E-04	1.35E-01	1.76E-02	4.94E+00	2.57E-01
573 Gridded	8.09E-03	4.55E-04	8.07E-03	4.54E-04	8.39E-03	4.80E-04	8.39E-03	4.80E-04	2.92E-04	2.81E-05	8.07E-03	4.54E-04	9.37E-03	5.77E-04	9.37E-03	5.77E-04	8.09E-03	4.55E-04	8.39E-03	4.80E-04	8.13E-03	4.58E-04	8.08E-03	4.55E-04	8.11E-03	4.56E-04	8.09E-03	4.55E-04	1.35E-01	2.00E-02	4.41E+00	2.59E-01
574 Gridded	4.85E-03	5.07E-04	4.85E-03	5.05E-04	4.85E-03	5.39E-04	4.85E-03	5.39E-04	2.37E-04	2.94E-05	4.85E-03	5.06E-04	5.29E-03	6.40E-04	5.29E-03	6.40E-04	4.85E-03	5.08E-04	4.85E-03	5.39E-04	4.85E-03	5.11E-04	4.85E-03	5.07E-04	4.85E-03	5.09E-04	4.85E-03	5.08E-04	1.47E-01	2.58E-02	2.78E+00	2.82E-01
575 Gridded	5.60E-03	5.66E-04	5.59E-03	5.64E-04	5.67E-03	5.96E-04	5.67E-03	5.96E-04	2.91E-04	3.33E-05	5.60E-03	5.65E-04	5.89E-03	6.93E-04	5.89E-03	6.93E-04	5.60E-03	5.66E-04	5.67E-03	5.96E-04	5.61E-03	5.70E-04	5.60E-03	5.66E-04	5.60E-03	5.68E-04	5.60E-03	5.67E-04	2.30E-01	3.09E-02	2.97E+00	3.24E-01
576 Gridded	5.15E-03	5.10E-04	5.15E-03	5.07E-04	5.15E-03	5.43E-04	5.15E-03	5.43E-04	3.71E-04	3.62E-05	5.15E-03	5.08E-04	5.73E-03	6.52E-04	5.73E-03	6.52E-04	5.15E-03	5.10E-04	5.15E-03	5.43E-04	5.15E-03	5.14E-04	5.15E-03	5.09E-04	5.15E-03	5.12E-04	5.15E-03	5.10E-04	1.95E-01	3.06E-02	2.88E+00	2.85E-01
577 Gridded	6.17E-03	5.04E-04	6.15E-03	5.00E-04	6.46E-03	5.64E-04	6.46E-03	5.64E-04	3.64E-04	5.59E-05	6.15E-03	5.01E-04	7.45E-03	7.56E-04	7.45E-03	7.56E-04	6.17E-03	5.04E-04	6.46E-03	5.64E-04	6.20E-03	5.12E-04	6.16E-03	5.03E-04	6.18E-03	5.08E-04	6.17E-03	5.05E-04	2.11E-01	3.66E-02	3.27E+00	3.12E-01
578 Gridded	7.09E-03	7.55E-04	7.06E-03	7.52E-04	7.53E-03	8.00E-04	7.53E-03	8.00E-04	4.17E-04	4.26E-05	7.07E-03	7.52E-04	8.97E-03	9.47E-04	8.97E-03	9.47E-04	7.09E-03	7.55E-04	7.53E-03	8.00E-04	7.15E-03	7.60E-04	7.08E-03	7.54E-04	7.12E-03	7.57E-04	7.10E-03	7.55E-04	2.46E-01	3.13E-02	4.12E+00	4.15E-01
579 Gridded	7.36E-03	6.27E-04	7.34E-03	6.26E-04	7.71E-03	6.53E-04	7.71E-03	6.53E-04	3.27E-04	4.36E-05	7.34E-03	6.26E-04	8.84E-03	7.36E-04	8.84E-03	7.36E-04	7.36E-03	6.27E-04	7.71E-03	6.53E-04	7.41E-03	6.31E-04	7.35E-03	6.27E-04	7.38E-03	6.29E-04	7.37E-03	6.28E-04	1.65E-01	1.75E-02	4.03E+00	3.35E-01
580 Gridded	4.43E-03	5.56E-04	4.41E-03	5.53E-04	4.60E-03	6.12E-04	4.60E-03	6.12E-04	3.70E-04	5.20E-05	4.42E-03	5.53E-04	5.27E-03	7.91E-04	5.27E-03	7.91E-04	4.43E-03	5.57E-04	4.60E-03	6.12E-04	4.45E-03	5.63E-04	4.42E-03	5.55E-04	4.44E-03	5.60E-04	4.43E-03	5.57E-04	1.88E-01	2.26E-02	2.46E+00	2.96E-01
581 Gridded	5.66E-03	8.49E-04	5.65E-03	8.45E-04	5.80E-03	9.09E-04	5.80E-03	9.09E-04	4.10E-04	5.65E-05	5.65E-03	8.46E-04	6.27E-03	1.10E-03	6.27E-03	1.10E-03	5.66E-03	8.49E-04	5.80E-03	9.09E-04	5.67E-03	8.56E-04	5.65E-03	8.48E-04	5.67E-03	8.53E-04	5.66E-03	8.50E-04	1.74E-01	1.81E-02	3.00E+00	4.51E-01
582 Gridded	7.43E-03	9.59E-04	7.41E-03	9.57E-04	7.62E-03	9.84E-04	7.62E-03	9.84E-04	2.79E-04	2.54E-05	7.42E-03	9.57E-04	8.27E-03	1.07E-03	8.27E-03	1.07E-03	7.43E-03	9.59E-04	7.62E-03	9.84E-04	7.45E-03	9.62E-04	7.42E-03	9.58E-04	7.44E-03	9.60E-04	7.43E-03	9.59E-04	1.99E-01	1.58E-02	3.94E+00	5.10E-01
583 Gridded	5.60E-03	4.21E-04	5.57E-03	4.20E-04	6.00E-03	4.34E-04	6.00E-03	4.34E-04	3.73E-04	2.55E-05	5.58E-03	4.21E-04	7.28E-03	4.88E-04	7.28E-03	4.88E-04	5.60E-03	4.21E-04	6.00E-03	4.34E-04	5.65E-03	4.23E-04	5.59E-03	4.21E-04	5.62E-03	4.22E-04	5.61E-03	4.21E-04	1.73E-01	1.25E-02	3.18E+00	2.36E-01
584 Gridded	5.75E-03	4.86E-04	5.73E-03	4.84E-04	5.97E-03	5.13E-04	5.97E-03	5.13E-04	3.37E-04	2.53E-05	5.73E-03	4.84E-04	7.04E-03	6.00E-04	7.04E-03	6.00E-04	5.75E-03	4.86E-04	5.97E-03	5.13E-04	5.77E-03	4.89E-04	5.74E-03	4.85E-04	5.76E-03	4.87E-04	5.75E-03	4.86E-04	1.48E-01	1.35E-02	3.15E+00	2.80E-01
585 Gridded	5.01E-03	4.44E-04	5.00E-03	4.42E-04	5.17E-03	4.72E-04	5.17E-03	4.72E-04	2.90E-04	2.62E-05	5.00E-03	4.42E-04	5.86E-03	5.62E-04	5.86E-03	5.62E-04	5.01E-03	4.44E-04	5.17E-03	4.72E-04	5.03E-03	4.47E-04	5.01E-03	4.43E-04	5.02E-03	4.46E-04	5.01E-03	4.44E-04	1.70E-01	1.32E-02	2.69E+00	2.60E-01
586 Gridded	5.30E-03	5.07E-04	5.28E-03	5.05E-04	5.61E-03	5.38E-04	5.61E-03	5.38E-04	3.76E-04	3.13E-05	5.28E-03	5.06E-04	6.61E-03	6.38E-04	6.61E-03	6.38E-04	5.30E-03	5.07E-04	5.61E-03	5.38E-04	5.34E-03	5.11E-04	5.29E-03	5.07E-04	5.32E-03	5.09E-04	5.30E-03	5.08E-04	1.71E-01	1.84E-02	3.03E+00	3.04E-01
587 Gridded	5.30E-03	5.34E-04	5.28E-03	5.32E-04	5.54E-03	5.63E-04	5.54E-03	5.63E-04	3.95E-04	3.16E-05	5.29E-03	5.32E-04	6.40E-03	6.58E-04	6.40E-03	6.58E-04	5.30E-03	5.34E-04	5.54E-03	5.63E-04	5.33E-03	5.38E-04	5.29E-03	5.33E-04	5.31E-03	5.36E-04	5.30E-03	5.34E-04	1.47E-01	1.94E-02	3.08E+00	3.14E-01
588 Gridded	4.54E-03	4.58E-04	4.53E-03	4.56E-04	4.82E-03	4.88E-04	4.82E-03	4.88E-04	3.32E-04	3.05E-05	4.53E-03	4.56E-04	5.70E-03	5.87E-04	5.70E-03	5.87E-04	4.55E-03	4.58E-04	4.82E-03	4.88E-04	4.58E-03	4.62E-04	4.54E-03	4.57E-04	4.56E-03	4.60E-04	4.55E-03	4.58E-04	1.39E-01	1.67E-02	2.63E+00	2.74E-01
589 Gridded	3.96E-03	3.98E-04	3.95E-03	3.96E-04	4.09E-03	4.22E-04	4.09E-03	4.22E-04	2.34E-04	2.31E-05	3.95E-03	3.96E-04	4.49E-03	5.02E-04	4.49E-03	5.02E-04	3.96E-03	3.98E-04	4.09E-03	4.22E-04	3.98E-03	4.01E-04	3.96E-03	3.97E-04	3.97E-03	3.99E-04	3.96E-03	3.98E-04	1.15E-01	1.46E-02	2.18E+00	2.31E-01
590 Gridded	3.58E-03	4.09E-04	3.58E-03	4.08E-04	3.60E-03	4.25E-04	3.60E-03	4.25E-04	1.73E-04	2.16E-05	3.58E-03	4.08E-04	4.02E-03	4.80E-04	4.02E-03	4.80E-04	3.58E-03	4.09E-04	3.60E-03	4.25E-04	3.58E-03	4.11E-04	3.58E-03	4.08E-04	3.58E-03	4.10E-04	3.58E-03	4.09E-04	1.09E-01	1.35E-02	2.08E+00	2.40E-01
591 Gridded	3.65E-03	4.93E-04	3.64E-03	4.92E-04	3.71E-03	5.22E-04	3.71E-03	5.22E-04	1.78E-04	2.66E-05	3.64E-03	4.92E-04	3.89E-03	6.13E-04	3.89E-03	6.13E-04	3.65E-03	4.93E-04	3.71E-03	5.22E-04	3.66E-03	4.97E-04	3.65E-03	4.93E-04	3.65E-03	4.95E-04	3.65E-03	4.94E-04	1.03E-01	1.39E-02	2.12E+00	2.72E-01
592 Gridded	3.77E-03	4.20E-04	3.77E-03	4.19E-04	3.91E-03	4.42E-04	3.91E-03	4.42E-04	1.78E-04	2.06E-05	3.77E-03	4.19E-04	4.35E-03	5.13E-04	4.35E-03	5.13E-04	3.77E-03	4.20E-04	3.91E-03	4.42E-04	3.79E-03	4.23E-04	3.77E-03	4.20E-04	3.78E-03	4.22E-04	3.78E-03	4.20E-04	1.21E-01	1.43E-02	2.18E+00	2.32E-01
593 Gridded	3.80E-03	3.22E-04	3.79E-03	3.20E-04	3.92E-03	3.44E-04	3.92E-03	3.44E-04	1.73E-04	2.15E-05	3.79E-03	3.20E-04	4.33E-03	4.19E-04	4.33E-03	4.19E-04	3.80E-03	3.22E-04	3.92E-03	3.44E-04	3.81E-03	3.24E-04	3.79E-03	3.21E-04	3.80E-03	3.23E-04	3.80E-03	3.22E-04	1.03E-01	1.45E-02	2.21E+00	1.85E-01
594 Gridded	3.33E-03	3.94E-04	3.32E-03	3.92E-04	3.51E-03	4.17E-04	3.51E-03	4.17E-04	2.26E-04	2.16E-05	3.32E-03	3.92E-04	4.19E-03	4.91E-04	4.19E-03	4.91E-04	3.33E-03	3.94E-04	3.51E-03	4.17E-04	3.35E-03	3.97E-04	3.33E-03	3.93E-04	3.34E-03	3.95E-04	3.33E-03	3.94E-04	1.36E-01	1.61E-02	1.90E+00	2.26E-01
595 Gridded	4.28E-03	4.36E-04	4.26E-03	4.34E-04	4.45E-03	4.63E-04	4.45E-03	4.63E-04	2.66E-04	2.58E-05	4.27E-03	4.34E-04	5.00E-03	5.52E-04	5.00E-03	5.52E-04	4.28E-03	4.36E-04	4.45E-03	4.63E-04	4.30E-03	4.39E-04	4.27E-03	4.35E-04	4.29E-03	4.37E-04	4.28E-03	4.36E-04	1.80E-01	1.85E-02	2.43E+00	2.53E-01
596 Gridded	4.03E-03	5.18E-04	4.02E-03	5.16E-04	4.18E-03	5.47E-04	4.18E-03	5.47E-04	2.70E-04	2.75E-05	4.02E-03	5.16E-04	4.68E-03	6.42E-04	4.68E-03	6.42E-04	4.03E-03	5.18E-04	4.18E-03	5.47E-04	4.05E-03	5.21E-04	4.02E-03	5.17E-04	4.04E-03	5.19E-04	4.03E-03	5.18E-04	2.09E-01	1.69E-02	2.28E+00	2.95E-01
597 Gridded	4.07E-03	4.91E-04	4.06E-03	4.89E-04	4.29E-03	5.16E-04	4.29E-03	5.16E-04	2.36E-04	2.86E-05	4.06E-03	4.90E-04	4.99E-03	5.97E-04	4.99E-03	5.97E-04	4.08E-03	4.91E-04	4.29E-03	5.16E-04	4.10E-03	4.94E-04	4.07E-03	4.91E-04	4.09E-03	4.93E-04	4.08E-03	4.91E-04	1.40E-01	1.62E-02	2.31E+00	2.73E-01
598 Gridded	4.00E-03	3.90E-04	3.99E-03	3.89E-04	4.21E-03	4.04E-04	4.21E-03	4.04E-04	3.03E-04	4.03E-05	3.99E-03	3.89E-04	4.87E-03	4.50E-04	4.87E-03	4.50E-04	4.00E-03	3.90E-04	4.21E-03	4.04E-04	4.03E-03	3.92E-04	4.00E-03	3.90E-04	4.02E-03	3.91E-04	4.01E-03	3.90E-04	1.34E-01	1.80E-02	2.13E+00	2.15E-01
599 Gridded	4.12E-03	3.89E-04	4.11E-03	3.88E-04	4.27E-03	4.08E-04	4.27E-03	4.08E-04	4.21E-04	4.32E-05	4.11E-03	3.88E-04	4.74E-03	4.85E-04	4.74E-03	4.85E-04	4.12E-03	3.89E-04	4.27E-03	4.08E-04	4.14E-03	3.90E-04	4.12E-03	3.89E-04	4.13E-03	3.90E-04	4.12E-03	3.89E-04	1.41E-01	1.63E-02	2.22E+00	2.20E-01
600 Gridded	4.41E-03	5.66E-04	4.38E-03	5.64E-04	4.75E-03	6.03E-04	4.75E-03	6.03E-04	3.23E-04	3.47E-05	4.39E-03	5.64E-04	5.86E-03	7.23E-04	5.86E-03	7.23E-04	4.41E-03	5.66E-04	4.75E-03	6.03E-04	4.45E-03	5.71E-04	4.40E-03	5.65E-04	4.43E-03	5.68E-04	4.41E-03	5.67E-04	1.54E-01	1.88E-02	2.61E+00	3.33E-01
601 Gridded	6.09E-03	6.55E-04	6.06E-03	6.52E-04	6.47E-03	6.91E-04	6.47E-03	6.91E-04	3.61E-04	3.99E-05	6.07E-03	6.53E-04	7.72E-03	8.09E-04	7.72E-03	8.09E-04	6.09E-03	6.55E-04	6.47E-03	6.91E-04	6.14E-03	6.59E-04	6.08E-03	6.54E-04	6.11E-03	6.57E-04	6.09E-03	6.55E-04	1.88E-01	2.36E-02	3.32E+00	3.80E-01
602 Gridded	4.29E-03	6.81E-04	4.28E-03	6.78E-04	4.55E-03	7.27E-04	4.55E-03	7.27E-04	2.42E-04	4.30E-05	4.28E-03	6.79E-04	5.38E-03	8.75E-04	5.38E-03	8.75E-04	4.29E-03	6.81E-04	4.55E-03	7.27E-04	4.33E-03	6.87E-04	4.29E-03	6.80E-04	4.31E-03	6.84E-04	4.30E-03	6.82E-04	1.51E-01	2.49E-02	2.51E+00	4.00E-01
603 Gridded	4.25E-03	6.61E-04	4.24E-03	6.59E-04	4.34E-03	7.00E-04	4.34E-03	7.00E-04	3.01E-04	3.67E-05	4.24E-03	6.59E-04	4.95E-03	8.27E-04	4.95E-03	8.27E-04	4.25E-03	6.61E-04	4.34E-03	7.00E-04	4.26E-03	6.66E-04	4.25E-03	6.60E-04	4.25E-03	6.64E-04	4.25E-03	6.62E-04	1.42E-01	2.39E-02	2.30E+00	3.84E-01
604 Gridded	3.74E-03	5.00E-04	3.74E-03	4.98E-04	3.84E-03	5.30E-04	3.84E-03	5.30E-04	3.63E-04	3.64E-05	3.74E-03	4.98E-04	4.23E-03	6.28E-04	4.23E-03	6.28E-04	3.74E-03	5.00E-04	3.84E-03	5.30E-04	3.76E-03	5.04E-04	3.74E-03	4.99E-04	3.75E-03	5.02E-04	3.75E-03	5.00E-04	1.26E-01	2.47E-02	2.08E+00	2.99E-01
605 Gridded	3.69E-03	5.31E-04	3.69E-03	5.28E-04	3.71E-03	5.73E-04	3.71E-03	5.73E-04	3.36E-04	3.91E-05	3.69E-03	5.29E-04	3.99E-03	7.07E-04	3.99E-03	7.07E-04	3.69E-03	5.31E-04	3.71E-03	5.73E-04	3.70E-03	5.36E-04	3.69E-03	5.30E-04	3.70E-03	5.34E-04	3.69E-03	5.32E-04	1.56E-01	3.13E-02	2.42E+00	3.22E-01
606 Gridded	8.01E-03	7.26E-04	8.01E-03	7.22E-04	8.03E-03	7.87E-04	8.03E-03	7.87E-04	2.56E-04	5.67E-05	8.01E-03	7.23E-04	8.09E-03	9.82E-04	8.09E-03	9.82E-04	8.01E-03	7.27E-04	8.03E-03	7.87E-04	8.01E-03	7.34E-04	8.01E-03	7.25E-04	8.01E-03	7.30E-04	8.01E-03	7.27E-04	2.07E-01	4.18E-02	4.65E+00	4.43E-01
607 Gridded	8.22E-03	1.07E-03	8.22E-03	1.06E-03	8.24E-03	1.15E-03	8.24E-03	1.15E-03	3.37E-04	7.36E-05	8.22E-03	1.06E-03	8.30E-03	1.40E-03	8.30E-03	1.40E-03	8.22E-03	1.07E-03	8.24E-03	1.15E-03	8.22E-03	1.08E-03	8.22E-03	1.07E-03	8.22E-03	1.07E-03	8.22E-03	1.07E-03	1.87E-01	3.99E-02	4.50E+00	6.21E-01
608 Gridded	5.79E-03	1.24E-03	5.77E-03	1.23E-03	6.11E-03	1.31E-03	6.11E-03	1.31E-03	2.99E-04	7.08E-05	5.77E-03	1.23E-03	7.14E-03	1.56E-03	7.14E-03	1.56E-03	5.79E-03	1.24E-03	6.11E-03	1.31E-03	5.83E-03	1.25E-03	5.79E-03	1.24E-03	5.81E-03	1.24E-03	5.80E-03	1.24E-03	1.61E-01	2.98E-02	3.27E+00	7.00E-01
609 Gridded	5.01E-03	1.02E-03	4.99E-03	1.02E-03	5.27E-03	1.08E-03	5.27E-03	1.08E-03	2.50E-04	4.95E-05	4.99E-03	1.02E-03	6.13E-03	1.25E-03	6.13E-03	1.25E-03	5.01E-03	1.02E-03	5.27E-03	1.08E-03	5.04E-03	1.03E-03	5.00E-03	1.02E-03	5.02E-03	1.03E-03	5.01E-03	1.02E-03	1.26E-01	3.36E-02	2.81E+00	5.70E-01
610 Gridded	4.03E-03	6.40E-04	4.02E-03	6.37E-04	4.16E-03	6.83E-04	4.16E-03	6.83E-04	2.05E-04	4.22E-05	4.02E-03	6.37E-04	4.57E-03	8.25E-04	4.57E-03	8.25E-04	4.03E-03	6.40E-04	4.16E-03	6.83E-04	4.04E-03	6.45E-04	4.03E-03	6.39E-04	4.04E-03	6.42E-04	4.03E-03	6.40E-04	1.37E-01	3.64E-02	2.35E+00	3.82E-01
611 Gridded	3.28E-03	6.31E-04	3.28E-03	6.28E-04	3.40E-03	6.73E-04	3.40E-03	6.73E-04	2.01E-04	4.52E-05	3.28E-03	6.29E-04	3.79E-03	8.10E-04	3.79E-03	8.10E-04	3.28E-03	6.31E-04	3.40E-03	6.73E-04	3.30E-03	6.36E-04	3.28E-03	6.30E-04	3.29E-03	6.33E-04	3.29E-03	6.31E-04	1.34E-01	3.91E-02	1.89E+00	3.69E-01
612 Gridded	3.41E-03	7.68E-04	3.41E-03	7.64E-04	3.44E-03	8.20E-04	3.44E-03	8.20E-04	2.26E-04	5.16E-05	3.41E-03	7.65E-04	4.01E-03	9.89E-04	4.01E-03	9.89E-04	3.41E-03	7.68E-04	3.44E-03	8.20E-04	3.41E-03	7.74E-04	3.41E-03	7.67E-04	3.41E-03	7.71E-04	3.41E-03	7.68E-04	1.75E-01	5.38E-02	2.01E+00	4.53E-01
613 Gridded	3.64E-03	4.70E-04	3.63E-03	4.68E-04	3.85E-03	5.07E-04	3.85E-03	5.07E-04	2.02E-04	3.45E-05	3.63E-03	4.68E-04	4.50E-03	6.26E-04	4.50E-03	6.26E-04	3.65E-03	4.70E-04	3.85E-03	5.07E-04	3.67E-03	4.75E-04	3.64E-03	4.69E-04	3.66E-03	4.72E-04	3.65E-03	4.70E-04	7.21E-02	1.52E-02	1.94E+00	2.72E-01
614 Gridded	3.40E-03	6.43E-04	3.39E-03	6.40E-04	3.59E-03	6.87E-04	3.59E-03	6.87E-04	2.54E-04	4.16E-05	3.39E-03	6.40E-04	4.19E-03	8.30E-04	4.19E-03	8.30E-04	3.40E-03	6.43E-04	3.59E-03	6.87E-04	3.43E-03	6.48E-04	3.40E-03	6.42E-04	3.41E-03	6.45E-04	3.40E-03	6.43E-04	7.12E-02	1.66E-02	1.82E+00	3.59E-01
615 Gridded	3.54E-03	7.64E-04	3.54E-03	7.61E-04	3.54E-03	8.08E-04	3.54E-03	8.08E-04	2.73E-04	4.19E-05	3.54E-03	7.61E-04	3.98E-03	9.53E-04	3.98E-03	9.53E-04	3.54E-03	7.64E-04	3.54E-03	8.08E-04	3.54E-03	7.69E-04	3.54E-03	7.63E-04	3.54E-03	7.67E-04	3.54E-03	7.64E-04	7.74E-02	1.74E-02	2.02E+00	4.18E-01
616 Gridded	4.46E-03	7.62E-04	4.46E-03	7.59E-04	4.46E-03	7.99E-04	4.46E-03	7.99E-04	2.70E-04	3.47E-05	4.46E-03	7.60E-04	5.04E-03	9.19E-04	5.04E-03	9.19E-04	4.46E-03	7.62E-04	4.46E-03	7.99E-04	4.46E-03	7.67E-04	4.46E-03	7.61E-04	4.46E-03	7.64E-04	4.46E-03	7.62E-04	9.03E-02	2.12E-02	2.55E+00	4.13E-01
617 Gridded	4.40E-03	6.34E-04	4.38E-03	6.32E-04	4.60E-03	6.59E-04	4.60E-03	6.59E-04	2.45E-04	3.35E-05	4.38E-03	6.32E-04	5.25E-03	7.42E-04	5.25E-03	7.42E-04	4.40E-03	6.34E-04	4.60E-03	6.59E-04	4.42E-03	6.37E-04	4.39E-03	6.33E-04	4.41E-03	6.35E-04	4.40E-03	6.34E-04	9.67E-02	2.34E-02	2.42E+00	3.43E-01
618 Gridded	4.60E-03	5.25E-04	4.58E-03	5.23E-04	4.80E-03	5.52E-04	4.80E-03	5.52E-04	2.49E-04	3.40E-05	4.59E-03	5.23E-04	5.45E-03	6.60E-04	5.45E-03	6.60E-04	4.60E-03	5.25E-04	4.80E-03	5.52E-04	4.62E-03	5.28E-04	4.59E-03	5.24E-04	4.61E-03	5.26E-04	4.60E-03	5.25E-04	1.22E-01	2.24E-02	2.49E+00	2.98E-01
619 Gridded	4.43E-03	5.58E-04	4.41E-03	5.56E-04	4.64E-03	5.90E-04	4.64E-03	5.90E-04	2.35E-04	3.31E-05	4.41E-03	5.57E-04	5.32E-03	7.03E-04	5.32E-03	7.03E-04	4.43E-03	5.59E-04	4.64E-03	5.90E-04	4.45E-03	5.62E-04	4.42E-03	5.58E-04	4.44E-03	5.60E-04	4.43E-03	5.59E-04	1.18E-01	1.80E-02	2.44E+00	3.30E-01
620 Gridded	4.26E-03	6.07E-04	4.25E-03	6.05E-04	4.39E-03	6.44E-04	4.39E-03	6.44E-04	3.05E-04	3.47E-05	4.25E-03	6.05E-04	4.81E-03	7.64E-04	4.81E-03	7.64E-04	4.26E-03	6.07E-04	4.39E-03	6.44E-04	4.27E-03	6.12E-04	4.25E-03	6.07E-04	4.26E-03	6.10E-04	4.26E-03	6.08E-04	1.03E-01	1.83E-02	2.31E+00	3.47E-01
621 Gridded	4.40E-03	6.23E-04	4.38E-03	6.21E-04	4.63E-03	6.59E-04	4.63E-03	6.59E-04	3.00E-04	3.38E-05	4.38E-03	6.21E-04	5.37E-03	7.76E-04	5.37E-03	7.76E-04	4.40E-03	6.23E-04	4.63E-03	6.59E-04	4.43E-03	6.28E-04	4.39E-03	6.22E-04	4.41E-03	6.25E-04	4.40E-03	6.24E-04	1.23E-01	1.91E-02	2.42E+00	3.46E-01
622 Gridded	3.89E-03	5.69E-04	3.88E-03	5.67E-04	4.04E-03	5.99E-04	4.04E-03	5.99E-04	2.92E-04	2.84E-05	3.88E-03	5.68E-04	4.65E-03	6.97E-04	4.65E-03	6.97E-04	3.89E-03	5.69E-04	4.04E-03	5.99E-04	3.90E-03	5.73E-04	3.88E-03	5.69E-04	3.89E-03	5.71E-04	3.89E-03	5.70E-04	1.63E-01	1.92E-02	2.08E+00	3.11E-01
623 Gridded	6.35E-03	4.59E-04	6.32E-03	4.58E-04	6.87E-03	4.76E-04	6.87E-03	4.76E-04	4.89E-04	3.47E-05	6.33E-03	4.58E-04	8.56E-03	5.33E-04	8.56E-03	5.33E-04	6.36E-03	4.59E-04	6.87E-03	4.76E-04	6.42E-03	4.61E-04	6.34E-03	4.59E-04	6.38E-03	4.60E-04	6.36E-03	4.59E-04	1.85E-01	1.90E-02	3.68E+00	2.50E-01
624 Gridded	9.79E-03	4.91E-04	9.76E-03	4.89E-04	1.03E-02	5.21E-04	1.03E-02	5.21E-04	5.19E-04	3.51E-05	9.76E-03	4.90E-04	1.21E-02	6.16E-04	1.21E-02	6.16E-04	9.79E-03	4.91E-04	1.03E-02	5.21E-04	9.86E-03	4.95E-04	9.78E-03	4.91E-04	9.83E-03	4.93E-04	9.80E-03	4.91E-04	1.49E-01	1.95E-02	5.43E+00	2.75E-01
625 Gridded	9.00E-03	5.27E-04	8.98E-03	5.26E-04	9.33E-03	5.59E-04	9.33E-03	5.59E-04	3.32E-04	3.26E-05	8.98E-03	5.26E-04	1.04E-02	6.72E-04	1.04E-02	6.72E-04	9.00E-03	5.27E-04	9.33E-03	5.59E-04	9.04E-03	5.30E-04	8.99E-03	5.27E-04	9.02E-03	5.28E-04	9.01E-03	5.27E-04	1.49E-01	2.31E-02	4.91E+00	3.03E-01
626 Gridded	5.50E-03	5.96E-04	5.49E-03	5.94E-04	5.73E-03	6.33E-04	5.73E-03	6.33E-04	2.63E-04	3.43E-05	5.49E-03	5.94E-04	6.45E-03	7.51E-04	6.45E-03	7.51E-04	5.51E-03	5.96E-04	5.73E-03	6.33E-04	5.53E-03	6.01E-04	5.50E-03	5.95E-04	5.52E-03	5.98E-04	5.51E-03	5.96E-04	1.98E-01	3.07E-02	3.14E+00	3.29E-01
627 Gridded	5.79E-03	6.07E-04	5.79E-03	6.05E-04	5.85E-03	6.37E-04	5.85E-03	6.37E-04	3.11E-04	3.61E-05	5.79E-03	6.05E-04	6.28E-03	7.34E-04	6.28E-03	7.34E-04	5.79E-03	6.07E-04	5.85E-03	6.37E-04	5.80E-03	6.11E-04	5.79E-03	6.06E-04	5.79E-03	6.09E-04	5.79E-03	6.07E-04	2.42E-01	3.50E-02	3.07E+00	3.46E-01
628 Gridded	4.89E-03	4.97E-04	4.89E-03	4.95E-04	4.89E-03	5.28E-04	4.89E-03	5.28E-04	3.92E-04	5.08E-05	4.89E-03	4.95E-04	5.91E-03	6.30E-04	5.91E-03	6.30E-04	4.89E-03	4.97E-04	4.89E-03	5.28E-04	4.89E-03	5.01E-04	4.89E-03	4.96E-04	4.89E-03	4.99E-04	4.89E-03	4.97E-04	2.00E-01	3.77E-02	2.76E+00	2.88E-01
629 Gridded	6.35E-03	6.93E-04	6.34E-03	6.89E-04	6.57E-03	7.46E-04	6.57E-03	7.46E-04	3.50E-04	5.01E-05	6.34E-03	6.90E-04	7.29E-03	9.19E-04	7.29E-03	9.19E-04	6.35E-03	6.93E-04	6.57E-03	7.46E-04	6.38E-03	6.99E-04	6.35E-03	6.92E-04	6.36E-03	6.96E-04	6.35E-03	6.93E-04	2.45E-01	3.81E-02	3.37E+00	3.95E-01
630 Gridded	8.45E-03	6.89E-04	8.42E-03	6.87E-04	8.90E-03	7.22E-04	8.90E-03	7.22E-04	4.21E-04	4.37E-05	8.43E-03	6.87E-04	1.04E-02	8.29E-04	1.04E-02	8.29E-04	8.45E-03	6.89E-04	8.90E-03	7.22E-04	8.51E-03	6.93E-04	8.44E-03	6.89E-04	8.48E-03	6.91E-04	8.46E-03	6.90E-04	2.02E-01	2.22E-02	4.70E+00	3.71E-01
631 Gridded	5.03E-03	5.36E-04	5.01E-03	5.33E-04	5.30E-03	5.85E-04	5.30E-03	5.85E-04	3.86E-04	4.54E-05	5.01E-03	5.34E-04	6.18E-03	7.41E-04	6.18E-03	7.41E-04	5.03E-03	5.37E-04	5.30E-03	5.85E-04	5.06E-03	5.42E-04	5.02E-03	5.35E-04	5.04E-03	5.39E-04	5.03E-03	5.37E-04	1.77E-01	2.19E-02	2.87E+00	2.89E-01
632 Gridded	4.75E-03	7.60E-04	4.73E-03	7.55E-04	4.99E-03	8.27E-04	4.99E-03	8.27E-04	4.16E-04	6.30E-05	4.73E-03	7.56E-04	5.77E-03	1.04E-03	5.77E-03	1.04E-03	4.75E-03	7.60E-04	4.99E-03	8.27E-04	4.78E-03	7.68E-04	4.74E-03	7.58E-04	4.76E-03	7.64E-04	4.75E-03	7.61E-04	1.75E-01	2.27E-02	2.52E+00	4.04E-01
633 Gridded	7.76E-03	1.12E-03	7.74E-03	1.12E-03	8.06E-03	1.16E-03	8.06E-03	1.16E-03	3.09E-04	3.75E-05	7.74E-03	1.12E-03	9.05E-03	1.29E-03	9.05E-03	1.29E-03	7.76E-03	1.12E-03	8.06E-03	1.16E-03	7.80E-03	1.13E-03	7.75E-03	1.12E-03	7.78E-03	1.13E-03	7.76E-03	1.12E-03	2.09E-01	1.77E-02	4.12E+00	5.98E-01
634 Gridded	6.13E-03	6.07E-04	6.13E-03	6.06E-04	6.19E-03	6.16E-04	6.19E-03	6.16E-04	4.19E-04	2.62E-05	6.13E-03	6.06E-04	7.45E-03	6.44E-04	7.45E-03	6.44E-04	6.13E-03	6.07E-04	6.19E-03	6.16E-04	6.14E-03	6.08E-04	6.13E-03	6.07E-04	6.13E-03	6.07E-04	6.13E-03	6.07E-04	1.90E-01	1.54E-02	3.26E+00	3.24E-01
635 Gridded	6.73E-03	5.26E-04	6.71E-03	5.24E-04	7.01E-03	5.56E-04	7.01E-03	5.56E-04	3.82E-04	2.81E-05	6.72E-03	5.25E-04	7.91E-03	6.53E-04	7.91E-03	6.53E-04	6.73E-03	5.27E-04	7.01E-03	5.56E-04	6.77E-03	5.30E-04	6.73E-03	5.26E-04	6.75E-03	5.28E-04	6.74E-03	5.27E-04	1.62E-01	1.47E-02	3.69E+00	3.04E-01
636 Gridded	5.37E-03	4.80E-04	5.37E-03	4.78E-04	5.42E-03	5.10E-04	5.42E-03	5.10E-04	3.05E-04	2.85E-05	5.37E-03	4.78E-04	6.21E-03	6.08E-04	6.21E-03	6.08E-04	5.37E-03	4.80E-04	5.42E-03	5.10E-04	5.37E-03	4.84E-04	5.37E-03	4.79E-04	5.37E-03	4.82E-04	5.37E-03	4.80E-04	1.69E-01	1.40E-02	2.95E+00	2.81E-01
637 Gridded	5.27E-03	5.06E-04	5.25E-03	5.04E-04	5.57E-03	5.38E-04	5.57E-03	5.38E-04	3.71E-04	3.16E-05	5.25E-03	5.04E-04	6.57E-03	6.41E-04	6.57E-03	6.41E-04	5.27E-03	5.06E-04	5.57E-03	5.38E-04	5.31E-03	5.10E-04	5.26E-03	5.05E-04	5.29E-03	5.08E-04	5.28E-03	5.06E-04	1.75E-01	1.99E-02	2.98E+00	3.06E-01
638 Gridded	5.40E-03	5.34E-04	5.39E-03	5.32E-04	5.63E-03	5.61E-04	5.63E-03	5.61E-04	3.69E-04	3.26E-05	5.39E-03	5.32E-04	6.38E-03	6.51E-04	6.38E-03	6.51E-04	5.40E-03	5.34E-04	5.63E-03	5.61E-04	5.43E-03	5.37E-04	5.40E-03	5.33E-04	5.42E-03	5.35E-04	5.41E-03	5.34E-04	1.48E-01	2.06E-02	3.14E+00	3.13E-01
639 Gridded	4.74E-03	4.71E-04	4.72E-03	4.69E-04	5.02E-03	5.03E-04	5.02E-03	5.03E-04	2.98E-04	2.92E-05	4.72E-03	4.70E-04	5.92E-03	6.03E-04	5.92E-03	6.03E-04	4.74E-03	4.72E-04	5.02E-03	5.03E-04	4.77E-03	4.75E-04	4.73E-03	4.71E-04	4.75E-03	4.73E-04	4.74E-03	4.72E-04	1.41E-01	1.72E-02	2.74E+00	2.81E-01
640 Gridded	4.08E-03	4.08E-04	4.08E-03	4.06E-04	4.14E-03	4.33E-04	4.14E-03	4.33E-04	2.28E-04	2.34E-05	4.08E-03	4.07E-04	4.43E-03	5.14E-04	4.43E-03	5.14E-04	4.08E-03	4.08E-04	4.14E-03	4.33E-04	4.09E-03	4.11E-04	4.08E-03	4.07E-04	4.08E-03	4.09E-04	4.08E-03	4.08E-04	1.19E-01	1.48E-02	2.33E+00	2.37E-01
641 Gridded	3.80E-03	4.42E-04	3.79E-03	4.41E-04	3.94E-03	4.61E-04	3.94E-03	4.61E-04	1.99E-04	2.52E-05	3.80E-03	4.41E-04	4.39E-03	5.21E-04	4.39E-03	5.21E-04	3.80E-03	4.42E-04	3.94E-03	4.61E-04	3.82E-03	4.45E-04	3.80E-03	4.42E-04	3.81E-03	4.43E-04	3.81E-03	4.43E-04	1.12E-01	1.56E-02	2.14E+00	2.57E-01
642 Gridded	4.29E-03	5.34E-04	4.29E-03	5.33E-04	4.38E-03	5.64E-04	4.38E-03	5.64E-04	2.12E-04	2.78E-05	4.29E-03	5.33E-04	4.66E-03	6.60E-04	4.66E-03	6.60E-04	4.29E-03	5.35E-04	4.38E-03	5.64E-04	4.31E-03	5.38E-04	4.29E-03	5.34E-04	4.30E-03	5.36E-04	4.30E-03	5.35E-04	1.22E-01	1.63E-02	2.50E+00	2.94E-01
643 Gridded	3.54E-03	3.89E-04	3.53E-03	3.88E-04	3.71E-03	4.09E-04	3.71E-03	4.09E-04	1.96E-04	2.05E-05	3.53E-03	3.88E-04	4.26E-03	4.74E-04	4.26E-03	4.74E-04	3.54E-03	3.89E-04	3.71E-03	4.09E-04	3.56E-03	3.92E-04	3.54E-03	3.89E-04	3.55E-03	3.90E-04	3.54E-03	3.89E-04	1.33E-01	1.62E-02	2.04E+00	2.17E-01
644 Gridded	4.05E-03	3.80E-04	4.04E-03	3.79E-04	4.20E-03	4.06E-04	4.20E-03	4.06E-04	2.08E-04	2.41E-05	4.04E-03	3.79E-04	4.70E-03	4.89E-04	4.70E-03	4.89E-04	4.05E-03	3.80E-04	4.20E-03	4.06E-04	4.07E-03	3.83E-04	4.05E-03	3.80E-04	4.06E-03	3.82E-04	4.05E-03	3.81E-04	1.28E-01	1.63E-02	2.35E+00	2.18E-01
645 Gridded	4.16E-03	4.16E-04	4.15E-03	4.14E-04	4.38E-03	4.37E-04	4.38E-03	4.37E-04	2.68E-04	2.37E-05	4.15E-03	4.15E-04	5.10E-03	5.06E-04	5.10E-03	5.06E-04	4.16E-03	4.16E-04	4.38E-03	4.37E-04	4.19E-03	4.18E-04	4.16E-03	4.15E-04	4.18E-03	4.17E-04	4.17E-03	4.16E-04	1.55E-01	1.79E-02	2.33E+00	2.38E-01
646 Gridded	4.98E-03	5.20E-04	4.97E-03	5.18E-04	5.17E-03	5.51E-04	5.17E-03	5.51E-04	3.07E-04	2.92E-05	4.97E-03	5.18E-04	5.77E-03	6.51E-04	5.77E-03	6.51E-04	4.98E-03	5.20E-04	5.17E-03	5.51E-04	5.00E-03	5.24E-04	4.98E-03	5.19E-04	4.99E-03	5.22E-04	4.98E-03	5.20E-04	2.18E-01	1.89E-02	2.76E+00	2.99E-01
647 Gridded	4.25E-03	5.41E-04	4.24E-03	5.39E-04	4.40E-03	5.70E-04	4.40E-03	5.70E-04	2.95E-04	2.70E-05	4.24E-03	5.39E-04	4.89E-03	6.63E-04	4.89E-03	6.63E-04	4.25E-03	5.41E-04	4.40E-03	5.70E-04	4.27E-03	5.44E-04	4.25E-03	5.40E-04	4.26E-03	5.43E-04	4.25E-03	5.41E-04	1.92E-01	1.45E-02	2.32E+00	3.04E-01
648 Gridded	4.13E-03	4.41E-04	4.12E-03	4.40E-04	4.34E-03	4.62E-04	4.34E-03	4.62E-04	2.86E-04	3.69E-05	4.12E-03	4.40E-04	5.03E-03	5.30E-04	5.03E-03	5.30E-04	4.13E-03	4.41E-04	4.34E-03	4.62E-04	4.16E-03	4.44E-04	4.13E-03	4.41E-04	4.15E-03	4.42E-04	4.14E-03	4.41E-04	1.56E-01	1.93E-02	2.20E+00	2.42E-01

Scenario 2 Results

649 Gridded	4.52E-03	4.43E-04	4.51E-03	4.42E-04	4.72E-03	4.57E-04	4.72E-03	4.57E-04	3.92E-04	4.38E-05	4.51E-03	4.42E-04	5.37E-03	5.04E-04	5.37E-03	5.04E-04	4.52E-03	4.43E-04	4.72E-03	4.57E-04	4.54E-03	4.44E-04	4.51E-03	4.42E-04	4.53E-03	4.43E-04	4.52E-03	4.43E-04	1.31E-01	1.64E-02	2.41E+00	2.42E-01
650 Gridded	4.23E-03	5.55E-04	4.20E-03	5.52E-04	4.57E-03	5.93E-04	4.57E-03	5.93E-04	3.59E-04	3.58E-05	4.21E-03	5.53E-04	5.69E-03	7.16E-04	5.69E-03	7.16E-04	4.23E-03	5.55E-04	4.57E-03	5.93E-04	4.27E-03	5.60E-04	4.22E-03	5.54E-04	4.25E-03	5.57E-04	4.23E-03	5.55E-04	1.62E-01	1.98E-02	2.53E+00	3.29E-01
651 Gridded	5.13E-03	6.45E-04	5.11E-03	6.43E-04	5.49E-03	6.83E-04	5.49E-03	6.83E-04	3.39E-04	3.74E-05	5.11E-03	6.43E-04	6.66E-03	8.04E-04	6.66E-03	8.04E-04	5.13E-03	6.45E-04	5.49E-03	6.83E-04	5.18E-03	6.50E-04	5.12E-03	6.44E-04	5.15E-03	6.47E-04	5.14E-03	6.46E-04	1.91E-01	2.31E-02	2.82E+00	3.76E-01
652 Gridded	5.56E-03	8.05E-04	5.55E-03	8.02E-04	5.83E-03	8.59E-04	5.83E-03	8.59E-04	2.87E-04	5.06E-05	5.55E-03	8.02E-04	6.71E-03	1.03E-03	6.71E-03	1.03E-03	5.56E-03	8.05E-04	5.83E-03	8.59E-04	5.60E-03	8.12E-04	5.56E-03	8.04E-04	5.58E-03	8.08E-04	5.57E-03	8.06E-04	1.75E-01	2.91E-02	3.05E+00	4.72E-01
653 Gridded	4.47E-03	6.89E-04	4.46E-03	6.86E-04	4.57E-03	7.30E-04	4.57E-03	7.30E-04	2.62E-04	3.85E-05	4.46E-03	6.86E-04	5.09E-03	8.62E-04	5.09E-03	8.62E-04	4.47E-03	6.89E-04	4.57E-03	7.30E-04	4.48E-03	6.94E-04	4.46E-03	6.88E-04	4.47E-03	6.91E-04	4.47E-03	6.89E-04	1.57E-01	2.65E-02	2.44E+00	4.02E-01
654 Gridded	4.02E-03	4.93E-04	4.01E-03	4.91E-04	4.20E-03	5.24E-04	4.20E-03	5.24E-04	3.33E-04	3.81E-05	4.01E-03	4.92E-04	4.78E-03	6.23E-04	4.78E-03	6.23E-04	4.02E-03	4.93E-04	4.20E-03	5.24E-04	4.04E-03	4.97E-04	4.02E-03	4.93E-04	4.03E-03	4.95E-04	4.02E-03	4.94E-04	1.37E-01	2.65E-02	2.26E+00	2.97E-01
655 Gridded	3.52E-03	5.71E-04	3.51E-03	5.68E-04	3.65E-03	6.14E-04	3.65E-03	6.14E-04	3.34E-04	4.11E-05	3.51E-03	5.68E-04	4.19E-03	7.56E-04	4.19E-03	7.56E-04	3.52E-03	5.71E-04	3.65E-03	6.14E-04	3.54E-03	5.76E-04	3.52E-03	5.70E-04	3.53E-03	5.73E-04	3.52E-03	5.71E-04	1.53E-01	3.48E-02	1.95E+00	3.47E-01
656 Gridded	3.76E-03	7.03E-04	3.76E-03	7.00E-04	3.91E-03	7.63E-04	3.91E-03	7.63E-04	2.74E-04	5.62E-05	3.76E-03	7.00E-04	4.60E-03	9.57E-04	4.60E-03	9.57E-04	3.76E-03	7.04E-04	3.91E-03	7.63E-04	3.77E-03	7.11E-04	3.76E-03	7.02E-04	3.76E-03	7.07E-04	3.76E-03	7.04E-04	2.13E-01	4.22E-02	2.51E+00	4.31E-01
657 Gridded	8.52E-03	1.02E-03	8.52E-03	1.02E-03	8.54E-03	1.10E-03	8.54E-03	1.10E-03	3.34E-04	7.04E-05	8.52E-03	1.02E-03	8.60E-03	1.34E-03	8.60E-03	1.34E-03	8.52E-03	1.02E-03	8.54E-03	1.10E-03	8.52E-03	1.03E-03	8.52E-03	1.02E-03	8.52E-03	1.03E-03	8.52E-03	1.02E-03	1.73E-01	3.78E-02	4.92E+00	5.94E-01
658 Gridded	8.94E-03	1.15E-03	8.94E-03	1.15E-03	8.96E-03	1.22E-03	8.96E-03	1.22E-03	2.90E-04	6.41E-05	8.94E-03	1.15E-03	9.02E-03	1.44E-03	9.02E-03	1.44E-03	8.94E-03	1.15E-03	8.96E-03	1.22E-03	8.95E-03	1.16E-03	8.94E-03	1.15E-03	8.95E-03	1.16E-03	8.94E-03	1.15E-03	1.53E-01	3.12E-02	4.89E+00	6.49E-01
659 Gridded	5.33E-03	1.00E-03	5.31E-03	9.98E-04	5.60E-03	1.05E-03	5.60E-03	1.05E-03	2.56E-04	4.55E-05	5.31E-03	9.99E-04	6.48E-03	1.21E-03	6.48E-03	1.21E-03	5.33E-03	1.00E-03	5.60E-03	1.05E-03	5.36E-03	1.01E-03	5.32E-03	1.00E-03	5.35E-03	1.00E-03	5.33E-03	1.00E-03	1.51E-01	4.04E-02	2.97E+00	5.56E-01
660 Gridded	4.69E-03	8.03E-04	4.68E-03	8.00E-04	4.85E-03	8.57E-04	4.85E-03	8.57E-04	2.50E-04	5.61E-05	4.68E-03	8.00E-04	5.36E-03	1.03E-03	5.36E-03	1.03E-03	4.69E-03	8.04E-04	4.85E-03	8.57E-04	4.71E-03	8.10E-04	4.69E-03	8.02E-04	4.70E-03	8.07E-04	4.69E-03	8.04E-04	1.52E-01	4.20E-02	2.73E+00	4.73E-01
661 Gridded	3.44E-03	7.48E-04	3.43E-03	7.45E-04	3.57E-03	7.96E-04	3.57E-03	7.96E-04	2.17E-04	5.20E-05	3.43E-03	7.46E-04	4.21E-03	9.65E-04	4.21E-03	9.65E-04	3.44E-03	7.48E-04	3.57E-03	7.96E-04	3.45E-03	7.54E-04	3.43E-03	7.47E-04	3.45E-03	7.51E-04	3.44E-03	7.49E-04	1.73E-01	5.34E-02	1.97E+00	4.44E-01
662 Gridded	2.86E-03	8.12E-04	2.85E-03	8.08E-04	3.09E-03	8.70E-04	3.09E-03	8.70E-04	2.20E-04	6.63E-05	2.85E-03	8.09E-04	3.85E-03	1.06E-03	3.85E-03	1.06E-03	2.86E-03	8.12E-04	3.09E-03	8.70E-04	2.89E-03	8.19E-04	2.86E-03	8.11E-04	2.87E-03	8.16E-04	2.86E-03	8.13E-04	1.74E-01	5.78E-02	1.68E+00	4.99E-01
663 Gridded	5.99E-03	1.53E-03	5.96E-03	1.52E-03	6.42E-03	1.65E-03	6.42E-03	1.65E-03	4.05E-04	1.11E-04	5.96E-03	1.52E-03	7.81E-03	2.03E-03	7.81E-03	2.03E-03	5.99E-03	1.53E-03	6.42E-03	1.65E-03	6.04E-03	1.54E-03	5.98E-03	1.53E-03	6.01E-03	1.54E-03	5.99E-03	1.53E-03	2.06E-01	6.70E-02	3.38E+00	9.18E-01
664 Gridded	3.40E-03	5.18E-04	3.40E-03	5.16E-04	3.43E-03	5.45E-04	3.43E-03	5.45E-04	2.01E-04	2.58E-05	3.40E-03	5.17E-04	3.92E-03	6.34E-04	3.92E-03	6.34E-04	3.40E-03	5.18E-04	3.43E-03	5.45E-04	3.40E-03	5.21E-04	3.40E-03	5.17E-04	3.40E-03	5.20E-04	3.40E-03	5.18E-04	8.10E-02	1.52E-02	1.97E+00	2.89E-01
665 Gridded	3.67E-03	4.72E-04	3.66E-03	4.70E-04	3.86E-03	4.97E-04	3.86E-03	4.97E-04	2.12E-04	3.12E-05	3.66E-03	4.71E-04	4.48E-03	5.78E-04	4.48E-03	5.78E-04	3.67E-03	4.72E-04	3.86E-03	4.97E-04	3.69E-03	4.75E-04	3.67E-03	4.71E-04	3.68E-03	4.73E-04	3.67E-03	4.72E-04	7.32E-02	1.52E-02	1.96E+00	2.68E-01
666 Gridded	3.60E-03	5.54E-04	3.59E-03	5.51E-04	3.79E-03	5.96E-04	3.79E-03	5.96E-04	2.99E-04	3.96E-05	3.59E-03	5.51E-04	4.38E-03	7.32E-04	4.38E-03	7.32E-04	3.60E-03	5.54E-04	3.79E-03	5.96E-04	3.63E-03	5.59E-04	3.60E-03	5.53E-04	3.61E-03	5.56E-04	3.61E-03	5.54E-04	7.70E-02	1.70E-02	2.00E+00	3.14E-01
667 Gridded	3.53E-03	7.13E-04	3.53E-03	7.10E-04	3.53E-03	7.59E-04	3.53E-03	7.59E-04	3.34E-04	4.36E-05	3.53E-03	7.10E-04	4.38E-03	9.10E-04	4.38E-03	9.10E-04	3.53E-03	7.13E-04	3.53E-03	7.59E-04	3.53E-03	7.19E-04	3.53E-03	7.12E-04	3.53E-03	7.16E-04	3.53E-03	7.14E-04	8.53E-02	1.81E-02	2.03E+00	3.93E-01
668 Gridded	4.63E-03	8.02E-04	4.63E-03	7.99E-04	4.63E-03	8.45E-04	4.63E-03	8.45E-04	2.87E-04	4.04E-05	4.63E-03	8.00E-04	4.87E-03	9.84E-04	4.87E-03	9.84E-04	4.63E-03	8.02E-04	4.63E-03	8.45E-04	4.63E-03	8.07E-04	4.63E-03	8.01E-04	4.63E-03	8.04E-04	4.63E-03	8.02E-04	9.38E-02	2.17E-02	2.65E+00	4.36E-01
669 Gridded	4.54E-03	7.29E-04	4.54E-03	7.27E-04	4.54E-03	7.61E-04	4.54E-03	7.61E-04	2.16E-04	3.29E-05	4.54E-03	7.27E-04	4.94E-03	8.65E-04	4.94E-03	8.65E-04	4.54E-03	7.29E-04	4.54E-03	7.61E-04	4.54E-03	7.33E-04	4.54E-03	7.28E-04	4.54E-03	7.31E-04	4.54E-03	7.30E-04	9.79E-02	2.50E-02	2.62E+00	3.95E-01
670 Gridded	4.65E-03	5.49E-04	4.63E-03	5.47E-04	4.85E-03	5.80E-04	4.85E-03	5.80E-04	2.47E-04	3.58E-05	4.64E-03	5.47E-04	5.49E-03	6.80E-04	5.49E-03	6.80E-04	4.65E-03	5.49E-04	4.85E-03	5.80E-04	4.67E-03	5.53E-04	4.64E-03	5.48E-04	4.66E-03	5.51E-04	4.65E-03	5.49E-04	1.28E-01	2.48E-02	2.53E+00	3.16E-01
671 Gridded	4.44E-03	5.71E-04	4.43E-03	5.69E-04	4.59E-03	6.06E-04	4.59E-03	6.06E-04	2.29E-04	3.37E-05	4.43E-03	5.69E-04	5.34E-03	7.18E-04	5.34E-03	7.18E-04	4.44E-03	5.71E-04	4.59E-03	6.06E-04	4.46E-03	5.75E-04	4.44E-03	5.70E-04	4.45E-03	5.73E-04	4.44E-03	5.72E-04	1.28E-01	2.09E-02	2.43E+00	3.37E-01
672 Gridded	4.75E-03	6.44E-04	4.73E-03	6.41E-04	4.91E-03	6.84E-04	4.91E-03	6.84E-04	3.17E-04	3.72E-05	4.74E-03	6.42E-04	5.46E-03	8.12E-04	5.46E-03	8.12E-04	4.75E-03	6.44E-04	4.91E-03	6.84E-04	4.77E-03	6.49E-04	4.74E-03	6.43E-04	4.76E-03	6.46E-04	4.75E-03	6.45E-04	1.09E-01	2.00E-02	2.58E+00	3.73E-01
673 Gridded	4.51E-03	6.70E-04	4.49E-03	6.67E-04	4.77E-03	7.09E-04	4.77E-03	7.09E-04	3.25E-04	3.67E-05	4.50E-03	6.67E-04	5.60E-03	8.35E-04	5.60E-03	8.35E-04	4.51E-03	6.70E-04	4.77E-03	7.09E-04	4.54E-03	6.74E-04	4.50E-03	6.69E-04	4.53E-03	6.72E-04	4.51E-03	6.70E-04	1.29E-01	2.09E-02	2.49E+00	3.74E-01
674 Gridded	4.21E-03	6.15E-04	4.20E-03	6.13E-04	4.37E-03	6.48E-04	4.37E-03	6.48E-04	2.99E-04	3.11E-05	4.20E-03	6.13E-04	4.89E-03	7.55E-04	4.89E-03	7.55E-04	4.21E-03	6.15E-04	4.37E-03	6.48E-04	4.23E-03	6.19E-04	4.20E-03	6.14E-04	4.22E-03	6.17E-04	4.21E-03	6.15E-04	1.74E-01	2.08E-02	2.28E+00	3.37E-01
675 Gridded	6.97E-03	5.45E-04	6.94E-03	5.43E-04	7.55E-03	5.66E-04	7.55E-03	5.66E-04	5.47E-04	3.94E-05	6.94E-03	5.43E-04	9.44E-03	6.37E-04	9.44E-03	6.37E-04	6.98E-03	5.45E-04	7.55E-03	5.66E-04	7.05E-03	5.47E-04	6.96E-03	5.44E-04	7.01E-03	5.46E-04	6.98E-03	5.45E-04	2.06E-01	2.15E-02	4.06E+00	2.96E-01
676 Gridded	1.12E-02	5.50E-04	1.11E-02	5.48E-04	1.18E-02	5.83E-04	1.18E-02	5.83E-04	5.97E-04	3.90E-05	1.12E-02	5.48E-04	1.39E-02	6.91E-04	1.39E-02	6.91E-04	1.12E-02	5.50E-04	1.18E-02	5.83E-04	1.13E-02	5.54E-04	1.12E-02	5.49E-04	1.12E-02	5.52E-04	1.12E-02	5.50E-04	1.65E-01	2.23E-02	6.21E+00	3.19E-01
677 Gridded	1.03E-02	6.13E-04	1.03E-02	6.11E-04	1.07E-02	6.46E-04	1.07E-02	6.46E-04	3.75E-04	3.74E-05	1.03E-02	6.11E-04	1.19E-02	7.75E-04	1.19E-02	7.75E-04	1.03E-02	6.13E-04	1.07E-02	6.46E-04	1.03E-02	6.16E-04	1.03E-02	6.12E-04	1.03E-02	6.14E-04	1.03E-02	6.13E-04	1.67E-01	2.73E-02	5.61E+00	3.54E-01
678 Gridded	5.75E-03	6.07E-04	5.75E-03	6.04E-04	5.91E-03	6.44E-04	5.91E-03	6.44E-04	2.98E-04	3.55E-05	5.75E-03	6.05E-04	6.56E-03	7.67E-04	6.56E-03	7.67E-04	5.75E-03	6.07E-04	5.91E-03	6.44E-04	5.75E-03	6.11E-04	5.75E-03	6.06E-04	5.75E-03	6.09E-04	5.75E-03	6.07E-04	2.40E-01	3.54E-02	3.22E+00	3.34E-01
679 Gridded	5.39E-03	5.95E-04	5.39E-03	5.93E-04	5.66E-03	6.22E-04	5.66E-03	6.22E-04	3.54E-04	3.86E-05	5.39E-03	5.93E-04	6.52E-03	7.10E-04	6.52E-03	7.10E-04	5.39E-03	5.95E-04	5.66E-03	6.22E-04	5.43E-03	5.98E-04	5.39E-03	5.94E-04	5.41E-03	5.97E-04	5.40E-03	5.95E-04	2.21E-01	3.83E-02	2.94E+00	3.39E-01
680 Gridded	5.55E-03	5.29E-04	5.53E-03	5.25E-04	5.89E-03	5.90E-04	5.89E-03	5.90E-04	3.62E-04	5.68E-05	5.53E-03	5.26E-04	6.98E-03	7.85E-04	6.98E-03	7.85E-04	5.55E-03	5.29E-04	5.89E-03	5.90E-04	5.59E-03	5.37E-04	5.54E-03	5.28E-04	5.57E-03	5.33E-04	5.55E-03	5.30E-04	2.45E-01	4.35E-02	3.09E+00	3.28E-01
681 Gridded	7.61E-03	7.18E-04	7.57E-03	7.15E-04	8.10E-03	7.59E-04	8.10E-03	7.59E-04	4.61E-04	3.89E-05	7.58E-03	7.15E-04	9.68E-03	8.93E-04	9.68E-03	8.93E-04	7.61E-03	7.18E-04	8.10E-03	7.59E-04	7.67E-03	7.23E-04	7.60E-03	7.17E-04	7.64E-03	7.20E-04	7.61E-03	7.18E-04	2.51E-01	3.18E-02	4.38E+00	3.95E-01
682 Gridded	5.91E-03	5.84E-04	5.90E-03	5.83E-04	6.18E-03	6.07E-04	6.18E-03	6.07E-04	3.35E-04	5.01E-05	5.90E-03	5.83E-04	7.03E-03	7.37E-04	7.03E-03	7.37E-04	5.91E-03	5.85E-04	6.18E-03	6.07E-04	5.95E-03	5.87E-04	5.91E-03	5.84E-04	5.93E-03	5.86E-04	5.92E-03	5.85E-04	1.61E-01	2.03E-02	3.23E+00	3.13E-01
683 Gridded	5.02E-03	6.89E-04	5.00E-03	6.85E-04	5.21E-03	7.57E-04	5.21E-03	7.57E-04	3.70E-04	6.42E-05	5.00E-03	6.85E-04	5.86E-03	9.79E-04	5.86E-03	9.79E-04	5.02E-03	6.89E-04	5.21E-03	7.57E-04	5.04E-03	6.98E-04	5.01E-03	6.88E-04	5.03E-03	6.93E-04	5.02E-03	6.90E-04	1.76E-01	2.60E-02	2.67E+00	3.67E-01
684 Gridded	7.09E-03	1.14E-03	7.08E-03	1.14E-03	7.17E-03	1.20E-03	7.17E-03	1.20E-03	3.90E-04	5.36E-05	7.08E-03	1.14E-03	8.50E-03	1.38E-03	8.50E-03	1.38E-03	7.09E-03	1.14E-03	7.17E-03	1.20E-03	7.10E-03	1.15E-03	7.08E-03	1.14E-03	7.09E-03	1.15E-03	7.09E-03	1.14E-03	1.97E-01	1.76E-02	3.77E+00	6.08E-01
685 Gridded	7.59E-03	8.55E-04	7.59E-03	8.54E-04	7.69E-03	8.71E-04	7.69E-03	8.71E-04	4.33E-04	2.51E-05	7.59E-03	8.55E-04	7.99E-03	9.20E-04	7.99E-03	9.20E-04	7.59E-03	8.55E-04	7.69E-03	8.71E-04	7.61E-03	8.57E-04	7.59E-03	8.55E-04	7.60E-03	8.56E-04	7.60E-03	8.56E-04	2.22E-01	1.85E-02	4.04E+00	4.57E-01
686 Gridded	7.55E-03	5.46E-04	7.52E-03	5.44E-04	7.89E-03	5.79E-04	7.89E-03	5.79E-04	4.23E-04	3.04E-05	7.53E-03	5.45E-04	8.99E-03	6.84E-04	8.99E-03	6.84E-04	7.55E-03	5.47E-04	7.89E-03	5.79E-04	7.59E-03	5.50E-04	7.54E-03	5.46E-04	7.57E-03	5.48E-04	7.55E-03	5.47E-04	1.81E-01	1.62E-02	4.16E+00	3.18E-01
687 Gridded	5.97E-03	5.22E-04	5.97E-03	5.20E-04	5.97E-03	5.56E-04	5.97E-03	5.56E-04	3.46E-04	3.13E-05	5.97E-03	5.21E-04	6.57E-03	6.64E-04	6.57E-03	6.64E-04	5.97E-03	5.23E-04	5.97E-03	5.56E-04	5.97E-03	5.27E-04	5.97E-03	5.22E-04	5.97E-03	5.24E-04	5.97E-03	5.23E-04	1.71E-01	1.51E-02	3.29E+00	3.06E-01
688 Gridded	5.59E-03	5.20E-04	5.57E-03	5.18E-04	5.89E-03	5.54E-04	5.89E-03	5.54E-04	3.84E-04	3.29E-05	5.57E-03	5.18E-04	6.88E-03	6.63E-04	6.88E-03	6.63E-04	5.59E-03	5.20E-04	5.89E-03	5.54E-04	5.62E-03	5.24E-04	5.58E-03	5.19E-04	5.60E-03	5.22E-04	5.59E-03	5.20E-04	1.81E-01	2.20E-02	3.08E+00	3.17E-01
689 Gridded	5.80E-03	5.69E-04	5.78E-03	5.67E-04	6.03E-03	5.97E-04	6.03E-03	5.97E-04	3.60E-04	3.55E-05	5.78E-03	5.67E-04	6.79E-03	6.87E-04	6.79E-03	6.87E-04	5.80E-03	5.69E-04	6.03E-03	5.97E-04	5.82E-03	5.72E-04	5.79E-03	5.68E-04	5.81E-03	5.70E-04	5.80E-03	5.69E-04	1.62E-01	2.26E-02	3.37E+00	3.32E-01
690 Gridded	5.27E-03	5.25E-04	5.25E-03	5.23E-04	5.58E-03	5.59E-04	5.58E-03	5.59E-04	3.00E-04	3.23E-05	5.26E-03	5.23E-04	6.56E-03	6.70E-04	6.56E-03	6.70E-04	5.27E-03	5.25E-04	5.58E-03	5.59E-04	5.31E-03	5.29E-04	5.27E-03	5.24E-04	5.29E-03	5.27E-04	5.28E-03	5.25E-04	1.47E-01	1.88E-02	3.04E+00	3.12E-01
691 Gridded	4.89E-03	4.60E-04	4.88E-03	4.59E-04	4.93E-03	4.88E-04	4.93E-03	4.88E-04	2.56E-04	2.62E-05	4.88E-03	4.59E-04	5.14E-03	5.79E-04	5.14E-03	5.79E-04	4.89E-03	4.61E-04	4.93E-03	4.88E-04	4.89E-03	4.64E-04	4.88E-03	4.60E-04	4.89E-03	4.62E-04	4.89E-03	4.61E-04	1.37E-01	1.83E-02	2.81E+00	2.73E-01
692 Gridded	4.58E-03	5.18E-04	4.57E-03	5.16E-04	4.72E-03	5.51E-04	4.72E-03	5.51E-04	2.46E-04	3.07E-05	4.58E-03	5.16E-04	5.17E-03	6.57E-04	5.17E-03	6.57E-04	4.58E-03	5.18E-04	4.72E-03	5.51E-04	4.60E-03	5.22E-04	4.58E-03	5.17E-04	4.59E-03	5.20E-04	4.58E-03	5.18E-04	1.22E-01	1.94E-02	2.60E+00	2.93E-01
693 Gridded	5.06E-03	5.77E-04	5.06E-03	5.75E-04	5.19E-03	6.08E-04	5.19E-03	6.08E-04	2.45E-04	2.95E-05	5.06E-03	5.75E-04	5.61E-03	7.10E-04	5.61E-03	7.10E-04	5.06E-03	5.77E-04	5.19E-03	6.08E-04	5.08E-03	5.81E-04	5.06E-03	5.76E-04	5.07E-03	5.78E-04	5.07E-03	5.77E-04	1.57E-01	2.00E-02	2.94E+00	3.17E-01
694 Gridded	4.44E-03	3.88E-04	4.43E-03	3.86E-04	4.57E-03	4.08E-04	4.57E-03	4.08E-04	2.23E-04	2.59E-05	4.43E-03	3.87E-04	5.00E-03	4.89E-04	5.00E-03	4.89E-04	4.44E-03	3.88E-04	4.57E-03	4.08E-04	4.46E-03	3.90E-04	4.44E-03	3.87E-04	4.45E-03	3.89E-04	4.44E-03	3.88E-04	1.46E-01	1.95E-02	2.59E+00	2.26E-01
695 Gridded	3.89E-03	4.40E-04	3.88E-03	4.38E-04	4.05E-03	4.67E-04	4.05E-03	4.67E-04	2.57E-04	2.53E-05	3.88E-03	4.38E-04	4.68E-03	5.54E-04	4.68E-03	5.54E-04	3.89E-03	4.40E-04	4.05E-03	4.67E-04	3.91E-03	4.43E-04	3.88E-03	4.39E-04	3.90E-03	4.41E-04	3.89E-03	4.40E-04	1.68E-01	1.89E-02	2.24E+00	2.52E-01
696 Gridded	5.16E-03	4.86E-04	5.14E-03	4.84E-04	5.41E-03	5.18E-04	5.41E-03	5.18E-04	3.19E-04	2.93E-05	5.15E-03	4.85E-04	6.22E-03	6.19E-04	6.22E-03	6.19E-04	5.16E-03	4.87E-04	5.41E-03	5.18E-04	5.19E-03	4.90E-04	5.15E-03	4.86E-04	5.17E-03	4.88E-04	5.16E-03	4.87E-04	1.95E-01	1.98E-02	2.83E+00	2.83E-01
697 Gridded	5.57E-03	5.76E-04	5.56E-03	5.74E-04	5.76E-03	6.08E-04	5.76E-03	6.08E-04	3.47E-04	3.02E-05	5.56E-03	5.74E-04	6.37E-03	7.12E-04	6.37E-03	7.12E-04	5.57E-03	5.76E-04	5.76E-03	6.08E-04	5.59E-03	5.80E-04	5.57E-03	5.75E-04	5.58E-03	5.78E-04	5.57E-03	5.76E-04	2.28E-01	1.77E-02	3.03E+00	3.27E-01
698 Gridded	4.32E-03	5.10E-04	4.31E-03	5.08E-04	4.53E-03	5.35E-04	4.53E-03	5.35E-04	3.11E-04	3.15E-05	4.31E-03	5.08E-04	5.21E-03	6.15E-04	5.21E-03	6.15E-04	4.32E-03	5.10E-04	4.53E-03	5.35E-04	4.35E-03	5.13E-04	4.31E-03	5.09E-04	4.33E-03	5.11E-04	4.32E-03	5.10E-04	1.60E-01	1.89E-02	2.43E+00	2.82E-01
699 Gridded	4.92E-03	4.50E-04	4.91E-03	4.49E-04	5.13E-03	4.64E-04	5.13E-03	4.64E-04	3.75E-04	4.49E-05	4.91E-03	4.49E-04	5.82E-03	5.11E-04	5.82E-03	5.11E-04	4.92E-03	4.50E-04	5.13E-03	4.64E-04	4.95E-03	4.52E-04	4.92E-03	4.50E-04	4.93E-03	4.51E-04	4.92E-03	4.50E-04	1.36E-01	1.90E-02	2.62E+00	2.47E-01
700 Gridded	4.89E-03	5.34E-04	4.88E-03	5.32E-04	5.09E-03	5.73E-04	5.09E-03	5.73E-04	3.98E-04	3.97E-05	4.88E-03	5.32E-04	5.71E-03	6.98E-04	5.71E-03	6.98E-04	4.89E-03	5.34E-04	5.09E-03	5.73E-04	4.92E-03	5.39E-04	4.89E-03	5.33E-04	4.90E-03	5.37E-04	4.90E-03	5.35E-04	1.66E-01	2.09E-02	2.61E+00	3.20E-01
701 Gridded	4.88E-03	6.89E-04	4.86E-03	6.87E-04	5.15E-03	7.29E-04	5.15E-03	7.29E-04	3.38E-04	3.80E-05	4.86E-03	6.87E-04	6.30E-03	8.59E-04	6.30E-03	8.59E-04	4.88E-03	6.89E-04	5.15E-03	7.29E-04	4.91E-03	6.94E-04	4.87E-03	6.88E-04	4.89E-03	6.92E-04	4.88E-03	6.90E-04	2.02E-01	2.41E-02	2.65E+00	4.03E-01
702 Gridded	5.68E-03	8.02E-04	5.66E-03	7.99E-04	5.97E-03	8.56E-04	5.97E-03	8.56E-04	2.84E-04	5.09E-05	5.67E-03	7.99E-04	6.91E-03	1.03E-03	6.91E-03	1.03E-03	5.68E-03	8.03E-04	5.97E-03	8.56E-04	5.72E-03	8.09E-04	5.68E-03	8.01E-04	5.70E-03	8.06E-04	5.69E-03	8.03E-04	1.81E-01	3.03E-02	3.06E+00	4.73E-01
703 Gridded	4.91E-03	7.74E-04	4.90E-03	7.71E-04	5.03E-03	8.20E-04	5.03E-03	8.20E-04	2.63E-04	4.30E-05	4.91E-03	7.72E-04	5.88E-03	9.68E-04	5.88E-03	9.68E-04	4.91E-03	7.74E-04	5.03E-03	8.20E-04	4.93E-03	7.80E-04	4.91E-03	7.73E-04	4.92E-03	7.77E-04	4.91E-03	7.75E-04	1.78E-01	3.05E-02	2.68E+00	4.52E-01
704 Gridded	4.91E-03	5.32E-04	4.89E-03	5.30E-04	5.13E-03	5.66E-04	5.13E-03	5.66E-04	3.26E-04	4.33E-05	4.90E-03	5.30E-04	5.85E-03	7.12E-04	5.85E-03	7.12E-04	4.91E-03	5.32E-04	5.13E-03	5.66E-04	4.94E-03	5.36E-04	4.90E-03	5.31E-04	4.92E-03	5.34E-04	4.91E-03	5.33E-04	1.57E-01	2.98E-02	2.72E+00	3.25E-01
705 Gridded	4.29E-03	6.16E-04	4.28E-03	6.13E-04	4.45E-03	6.62E-04	4.45E-03	6.62E-04	3.01E-04	4.32E-05	4.28E-03	6.14E-04	4.98E-03	8.11E-04	4.98E-03	8.11E-04	4.29E-03	6.17E-04	4.45E-03	6.62E-04	4.31E-03	6.22E-04	4.29E-03	6.15E-04	4.30E-03	6.19E-04	4.29E-03	6.17E-04	1.72E-01	3.84E-02	2.34E+00	3.74E-01
706 Gridded	3.95E-03	7.68E-04	3.93E-03	7.64E-04	4.18E-03	8.32E-04	4.18E-03	8.32E-04	2.57E-04	6.02E-05	3.94E-03	7.65E-04	4.92E-03	1.04E-03	4.92E-03	1.04E-03	3.95E-03	7.68E-04	4.18E-03	8.32E-04	3.98E-03	7.76E-04	3.94E-03	7.67E-04	3.96E-03	7.72E-04	3.95E-03	7.69E-04	2.15E-01	4.35E-02	2.18E+00	4.67E-01
707 Gridded	4.65E-03	1.05E-03	4.62E-03	1.04E-03	4.98E-03	1.12E-03	4.98E-03	1.12E-03	3.11E-04	6.85E-05	4.63E-03	1.04E-03	6.05E-03	1.36E-03	6.05E-03	1.36E-03	4.65E-03	1.05E-03	4.98E-03	1.12E-03	4.69E-03	1.06E-03	4.64E-03	1.05E-03	4.66E-03	1.05E-03	4.65E-03	1.05E-03	1.92E-01	3.55E-02	2.91E+00	6.05E-01
708 Gridded	9.19E-03	1.04E-03	9.19E-03	1.04E-03	9.21E-03	1.10E-03	9.21E-03	1.10E-03	2.67E-04	5.48E-05	9.19E-03	1.04E-03	9.27E-03	1.29E-03	9.27E-03	1.29E-03	9.19E-03	1.04E-03	9.21E-03	1.10E-03	9.19E-03	1.05E-03	9.19E-03	1.04E-03	9.19E-03	1.05E-03	9.19E-03	1.04E-03	1.61E-01	3.51E-02	5.25E+00	5.85E-01
709 Gridded	8.22E-03	7.51E-04	8.22E-03	7.49E-04	8.24E-03	7.86E-04	8.24E-03	7.86E-04	2.13E-04	4.44E-05	8.22E-03	7.49E-04	8.30E-03	8.99E-04	8.30E-03	8.99E-04	8.22E-03	7.51E-04	8.24E-03	7.86E-04	8.23E-03	7.56E-04	8.22E-03	7.51E-04	8.22E-03	7.53E-04	8.22E-03	7.52E-04	1.52E-01	4.13E-02	4.50E+00	4.16E-01
710 Gridded	4.28E-03	8.02E-04	4.27E-03	7.98E-04	4.42E-03	8.54E-04	4.42E-03	8.54E-04	2.37E-04	5.58E-05	4.27E-03	7.99E-04	4.89E-03	1.02E-03	4.89E-03	1.02E-03	4.28E-03	8.02E-04	4.42E-03	8.54E-04	4.29E-03	8.08E-04	4.27E-03	8.01E-04	4.29E-03	8.05E-04	4.28E-03	8.02E-04	1.75E-01	5.29E-02	2.50E+00	4.69E-01
711 Gridded	3.82E-03	9.91E-04	3.81E-03	9.86E-04	3.96E-03	1.06E-03	3.96E-03	1.06E-03	2.65E-04	7.71E-05	3.81E-03	9.87E-04	4.52E-03	1.29E-03	4.52E-03	1.29E-03	3.82E-03	9.91E-04	3.96E-03	1.06E-03	3.83E-03	1.00E-03	3.81E-03	9.89E-04	3.83E-03	9.95E-04	3.82E-03	9.92E-04	2.08E-01	6.84E-02	2.17E+00	6.09E-01
712 Gridded	4.11E-03	1.19E-03	4.09E-03	1.18E-03	4.43E-03	1.28E-03	4.43E-03	1.28E-03	3.04E-04	9.36E-05	4.09E-03	1.18E-03	5.48E-03	1.61E-03	5.48E-03	1.61E-03	4.11E-03	1.19E-03	4.43E-03	1.28E-03	4.15E-03	1.20E-03	4.10E-03	1.18E-03	4.13E-03	1.19E-03	4.11E-03	1.19E-03	1.80E-01	6.28E-02	2.33E+00	7.28E-01
713 Gridded	5.11E-03	1.53E-03	5.09E-03	1.52E-03	5.43E-03	1.64E-03	5.43E-03	1.64E-03	3.04E-04	1.01E-04	5.09E-03	1.52E-03	6.48E-03	1.99E-03	6.48E-03	1.99E-03	5.11E-03	1.53E-03	5.43E-03	1.64E-03	5.15E-03	1.54E-03	5.10E-03	1.53E-03	5.13E-03	1.53E-03	5.11E-03	1.53E-03	1.68E-01	5.14E-02	2.84E+00	8.86E-01
714 Gridded	7.32E-03	2.59E-03	7.29E-03	2.58E-03	7.82E-03	2.73E-03	7.82E-03	2.73E-03	5.14E-04	1.35E-04	7.29E-03	2.58E-03	9.45E-03	3.20E-03	9.45E-03	3.20E-03	7.32E-03	2.59E-03	7.82E-03	2.73E-03	7.38E-03	2.61E-03	7.31E-03	2.59E-03	7.35E-03	2.60E-03	7.33E-03	2.59E-03	2.28E-01	6.67E-02	4.29E+00	1.44E+00
715 Gridded	4.91E-03	5.11E-04	4.91E-03	5.09E-04	4.94E-03	5.42E-04	4.94E-03	5.42E-04	2.01E-04	2.89E-05	4.91E-03	5.10E-04	5.01E-03	6.42E-04	5.01E-03	6.42E-04	4.91E-03	5.12E-04	4.94E-03	5.42E-04	4.91E-03	5.15E-04	4.91E-03	5.11E-04	4.91E-03	5.13E-04	4.91E-03	5.12E-04	9.31E-02	1.68E-02	2.80E+00	2.81E-01
716 Gridded	4.29E-03	5.33E-04	4.29E-03	5.31E-04	4.30E-03	5.62E-04	4.30E-03	5.62E-04	2.07E-04	2.73E-05	4.29E-03	5.31E-04	4.33E-03	6.56E-04	4.33E-03	6.56E-04	4.29E-03	5.33E-04	4.30E-03	5.62E-04	4.29E-03	5.36E-04	4.29E-03	5.32E-04	4.29E-03	5.35E-04	4.29E-03	5.33E-04	9.05E-02	1.66E-02	2.47E+00	2.95E-01
717 Gridded	3.55E-03	5.10E-04	3.54E-03	5.08E-04	3.72E-03	5.36E-04	3.72E-03	5.36E-04	2.77E-04	2.80E-05	3.55E-03	5.08E-04	4.26E-03	6.22E-04	4.26E-03	6.22E-04	3.56E-03	5.10E-04	3.72E-03	5.36E-04	3.58E-03	5.13E-04	3.55E-03	5.09E-04	3.56E-03	5.11E-04	3.56E-03	5.10E-04	7.93E-02	1.48E-02	1.91E+00	2.86E-01
718 Gridded	4.42E-03	5.42E-04	4.42E-03	5.41E-04	4.42E-03	5.57E-04	4.42E-03	5.57E-04	3.42E-04	3.75E-05	4.42E-03	5.41E-04	4.69E-03	6.47E-04	4.69E-03	6.47E-04	4.42E-03	5.42E-04	4.42E-03	5.57E-04	4.42E-03	5.43E-04	4.42E-03	5.41E-04	4.42E-03	5.42E-04	4.42E-03	5.42E-04	9.75E-02	1.74E-02	2.50E+00	2.91E-01
719 Gridded	3.99E-03	6.58E-04	3.99E-03	6.55E-04	3.99E-03	7.07E-04	3.99E-03	7.07E-04	3.44E-04	4.52E-05	3.99E-03	6.56E-04	4.52E-03	8.62E-04	4.52E-03	8.62E-04	3.99E-03	6.59E-04	3.99E-03	7.07E-04	3.99E-03	6.64E-04	3.99E-03	6.57E-04	3.99E-03	6.61E-04	3.99E-03	6.59E-04	9.15E-02	1.93E-02	2.29E+00	3.67E-01
720 Gridded	4.75E-03	8.03E-04	4.75E-03	8.00E-04	4.75E-03	8.51E-04	4.75E-03	8.51E-04	3.00E-04	4.55E-05	4.75E-03	8.00E-04	4.75E-03	1.01E-03	4.75E-03	1.01E-03	4.75E-03	8.03E-04	4.75E-03	8.51E-04	4.75E-03	8.09E-04	4.75E-03	8.02E-04	4.75E-03	8.06E-04	4.75E-03	8.03E-04	9.48E-02	2.19E-02	2.71E+00	4.38E-01
721 Gridded	4.84E-03	8.08E-04	4.84E-03	8.05E-04	4.84E-03	8.47E-04	4.84E-03	8.47E-04	2.40E-04	3.81E-05	4.84E-03	8.06E-04	4.85E-03	9.75E-04	4.85E-03	9.75E-04	4.84E-03	8.08E-04	4.84E-03	8.47E-04	4.84E-03	8.13E-04	4.84E-03	8.07E-04	4.84E-03	8.10E-04	4.84E-03	8.08E-04	1.05E-01	2.62E-02	2.80E+00	4.38E-01
722 Gridded	4.62E-03	6.67E-04	4.61E-03	6.66E-04	4.82E-03	6.94E-04	4.82E-03	6.94E-04	2.54E-04	3.73E-05	4.61E-03	6.66E-04	5.45E-03	7.81E-04	5.45E-03	7.81E-04	4.62E-03	6.67E-04	4.82E-03	6.94E-04	4.65E-03	6.71E-04	4.62E-03	6.67E-04	4.63E-03	6.69E-04	4.63E-03	6.68E-04	1.35E-01	2.75E-02	2.52E+00	3.61E-01
723 Gridded	5.11E-03	5.98E-04	5.09E-03	5.96E-04	5.28E-03	6.31E-04	5.28E-03	6.31E-04	2.68E-04	3.90E-05	5.10E-03	5.97E-04	5.83E-03	7.66E-04	5.83E-03	7.66E-04	5.11E-03	5.99E-04	5.28E-03	6.31E-04	5.13E-03	6.02E-04	5.10E-03	5.98E-04	5.12E-03	6.00E-04	5.11E-03	5.99E-04	1.41E-01	2.48E-02	2.80E+00	3.56E-01
724 Gridded	5.26E-03	6.98E-04	5.25E-03	6.95E-04	5.48E-03	7.41E-04	5.48E-03	7.41E-04	3.33E-04	4.08E-05	5.25E-03	6.95E-04	6.19E-03	8.82E-04	6.19E-03	8.82E-04	5.26E-03	6.98E-04	5.48E-03	7.41E-04	5.29E-03	7.03E-04	5.26E-03	6.97E-04	5.28E-03	7.00E-04	5.27E-03	6.98E-04	1.17E-01	2.23E-02	2.88E+00	4.09E-01
725 Gridded	4.58E-03	7.30E-04	4.57E-03	7.27E-04	4.87E-03	7.73E-04	4.87E-03	7.73E-04	3.56E-04	4.05E-05	4.57E-03	7.27E-04	5.80E-03	9.12E-04	5.80E-03	9.12E-04	4.59E-03	7.30E-04	4.87E-03	7.73E-04	4.62E-03	7.35E-04	4.58E-03	7.29E-04	4.60E-03	7.32E-04	4.59E-03	7.30E-04	1.36E-01	2.31E-02	2.55E+00	4.11E-01
726 Gridded	4.97E-03	7.49E-04	4.96E-03	7.46E-04	5.18E-03	7.90E-04	5.18E-03	7.90E-04	3.23E-04	3.85E-05	4.96E-03	7.47E-04	5.84E-03	9.23E-04	5.84E-03	9.23E-04	4.97E-03	7.49E-04	5.18E-03	7.90E-04	5.00E-03	7.54E-04	4.97E-03	7.48E-04	4.99E-03	7.52E-04	4.98E-03	7.50E-04	1.91E-01	2.42E-02	2.70E+00	4.11E-01
727 Gridded	7.53E-03	6.35E-04	7.48E-03	6.33E-04	8.18E-03	6.60E-04	8.18E-03	6.60E-04	6.11E-04	4.40E-05	7.49E-03	6.34E-04	1.03E-02	7.39E-04	1.03E-02	7.39E-04	7.53E-03	6.35E-04	8.18E-03	6.60E-04	7.61E-03	6.38E-04	7.51E-03	6.34E-04	7.56E-03	6.36E-04	7.53E-03	6.35E-04	2.30E-01	2.42E-02	4.41E+00	3.46E-01
728 Gridded	1.23E-02	6.02E-04	1.22E-02	6.01E-04	1.30E-02	6.39E-04	1.30E-02	6.39E-04	6.67E-04	3.94E-05	1.22E-02	6.01E-04	1.53E-02	7.58E-04	1.53E-02	7.58E-04	1.23E-02	6.03E-04	1.30E-02	6.39E-04	1.24E-02	6.06E-04	1.23E-02	6.02E-04	1.23E-02	6.04E-04	1.23E-02	6.03E-04	1.80E-01	2.40E-02	6.83E+00	3.54E-01
729 Gridded	1.12E-02	6.39E-04	1.12E-02	6.38E-04	1.16E-02	6.64E-04	1.16E-02	6.64E-04	3.73E-04	3.86E-05	1.12E-02	6.38E-04	1.29E-02	7.96E-04	1.29E-02	7.96E-04	1.12E-02	6.39E-04	1.16E-02	6.64E-04	1.13E-02	6.42E-04	1.12E-02	6.39E-04	1.13E-02	6.41E-04	1.12E-02	6.40E-04	1.75E-01	3.10E-02	6.12E+00	3.71E-01
730 Gridded	5.75E-03	6.24E-04	5.74E-03	6.24E-04	5.92E-03	6.52E-04	5.92E-03	6.52E-04	3.20E-04	3.65E-05	5.74E-03	6.24E-04	6.48E-03	7.76E-04	6.48E-03	7.76E-04	5.75E-03	6.24E-04	5.92E-03	6.52E-04	5.77E-03	6.26E-04	5.75E-03	6.24E-04	5.76E-03	6.25E-04	5.75E-03	6.25E-04	2.62E-01	4.03E-02	3.06E+00	3.47E-01
731 Gridded	5.23E-03	5.42E-04	5.21E-03	5.40E-04	5.45E-03	5.73E-04	5.45E-03	5.73E-04	3.91E-04	5.02E-05	5.22E-03	5.40E-04	6.17E-03	6.83E-04	6.17E-03	6.83E-04	5.23E-03	5.42E-04	5.45E-03	5.73E-04	5.26E-03	5.46E-04	5.22E-03	5.42E-04	5.24E-03	5.44E-04	5.23E-03	5.43E-04	2.16E-01	4.39E-02	2.84E+00	3.11E-01
732 Gridded	5.94E-03	6.54E-04	5.92E-03	6.50E-04	6.21E-03	7.06E-04	6.21E-03	7.06E-04	3.90E-04	4.92E-05	5.92E-03	6.51E-04	7.09E-03	8.76E-04	7.09E-03	8.76E-04	5.94E-03	6.54E-04	6.21E-03	7.06E-04	5.97E-03	6.60E-04	5.93E-03	6.53E-04	5.95E-03	6.57E-04	5.94E-03	6.54E-04	2.59E-01	4.18E-02	3.24E+00	3.79E-01
733 Gridded	8.01E-03	6.87E-04	7.98E-03	6.85E-04	8.43E-03	7.20E-04	8.43E-03	7.20E-04	3.97E-04	5.07E-05	7.99E-03	6.85E-04	9.80E-03	8.26E-04	9.80E-03	8.26E-04	8.01E-03	6.87E-04	8.43E-03	7.20E-04	8.06E-03	6.91E-04	8.00E-03	6.86E-04	8.03E-03	6.89E-04	8.01E-03	6.87E-04	2.06E-01	2.30E-02	4.47E+00	3.72E-01
734 Gridded	5.91E-03	6.79E-04	5.88E-03	6.75E-04	6.23E-03	7.40E-04	6.23E-03	7.40E-04	4.39E-04	6.06E-05	5.89E-03	6.76E-04	7.27E-03	9.39E-04	7.27E-03	9.39E-04	5.91E-03	6.80E-04	6.23E-03	7.40E-04	5.95E-03	6.87E-04	5.90E-03	6.78E-04	5.92E-03	6.83E-04	5.91E-03	6.80E-04	1.98E-01	2.71E-02	3.39E+00	3.79E-01
735 Gridded	7.41E-03	1.14E-03	7.40E-03	1.13E-03	7.59E-03	1.22E-03	7.59E-03	1.22E-03	5.08E-04	7.39E-05	7.40E-03	1.13E-03	8.19E-03	1.47E-03	8.19E-03	1.47E-03	7.41E-03	1.14E-03	7.59E-03	1.22E-03	7.43E-03	1.15E-03	7.41E-03	1.14E-03	7.42E-03	1.14E-03	7.41E-03	1.14E-03	2.06E-01	2.58E-02	3.95E+00	6.07E-01
736 Gridded	9.29E-03	1.20E-03	9.28E-03	1.20E-03	9.45E-03	1.23E-03	9.45E-03	1.23E-03	4.31E-04	3.19E-05	9.28E-03	1.20E-03	9.97E-03	1.32E-03	9.97E-03	1.32E-03	9.29E-03	1.20E-03	9.45E-03	1.23E-03	9.31E-03	1.20E-03	9.28E-03	1.20E-03	9.30E-03	1.20E-03	9.29E-03	1.20E-03	2.76E-01	2.19E-02	4.96E+00	6.40E-01
737 Gridded	8.44E-03	5.66E-04	8.42E-03	5.63E-04	8.87E-03	6.01E-04	8.87E-03	6.01E-04	4.81E-04	3.33E-05	8.42E-03	5.64E-04	1.03E-02	7.16E-04	1.03E-02	7.16E-04	8.45E-03	5.66E-04	8.87E-03	6.01E-04	8.50E-03	5.70E-04	8.43E-03	5.65E-04	8.47E-03	5.68E-04	8.45E-03	5.66E-04	2.04E-01	1.84E-02	4.71E+00	3.32E-01
738 Gridded	6.83E-03	5.56E-04	6.83E-03	5.54E-04	6.83E-03	5.92E-04	6.83E-03	5.92E-04	3.72E-04	3.39E-05	6.83E-03	5.54E-04	7.04E-03	7.09E-04	7.04E-03	7.09E-04	6.83E-03	5.56E-04	6.83E-03	5.92E-04	6.83E-03	5.61E-04	6.83E-03	5.55E-04	6.83E-03	5.58E-04	6.83E-03	5.57E-04	1.82E-01	1.66E-02	3.77E+00	3.27E-01
739 Gridded	5.95E-03	5.36E-04	5.93E-03	5.34E-04	6.26E-03	5.72E-04	6.26E-03	5.72E-04	3.92E-04	3.42E-05	5.94E-03	5.34E-04	7.27E-03	6.89E-04	7.27E-03	6.89E-04	5.95E-03	5.36E-04	6.26E-03	5.72E-04	5.99E-03	5.40E-04	5.95E-03	5.35E-04	5.97E-03	5.38E-04	5.96E-03	5.36E-04	1.88E-01	2.45E-02	3.25E+00	3.30E-01
740 Gridded	6.48E-03	6.38E-04	6.47E-03	6.36E-04	6.73E-03	6.68E-04	6.73E-03	6.68E-04	3.59E-04	4.00E-05	6.47E-03	6.36E-04	7.55E-03	7.64E-04	7.55E-03	7.64E-04	6.48E-03	6.38E-04	6.73E-03	6.68E-04	6.51E-03	6.42E-04	6.48E-03	6.37E-04	6.50E-03	6.40E-04	6.49E-03	6.38E-04	1.90E-01	2.58E-02	3.76E+00	3.72E-01
741 Gridded	5.93E-03	6.10E-04	5.91E-03	6.07E-04	6.26E-03	6.50E-04	6.26E-03	6.50E-04	3.35E-04	3.75E-05	5.91E-03	6.08E-04	7.33E-03	7.79E-04	7.33E-03	7.79E-04	5.93E-03	6.10E-04	6.26E-03	6.50E-04	5.97E-03	6.15E-04	5.92E-03	6.09E-04	5.95E-03	6.12E-04	5.93E-03	6.10E-04	1.53E-01	2.21E-02	3.42E+00	3.62E-01
742 Gridded	5.47E-03	5.51E-04	5.47E-03	5.49E-04	5.50E-03	5.75E-04	5.50E-03	5.75E-04	2.85E-04	3.00E-05	5.47E-03	5.50E-04	6.08E-03	6.63E-04	6.08E-03	6.63E-04	5.47E-03	5.51E-04	5.50E-03	5.75E-04	5.47E-03	5.54E-04	5.47E-03	5.50E-04	5.47E-03	5.52E-04	5.47E-03	5.51E-04	1.66E-01	2.33E-02	3.17E+00	3.31E-01
743 Gridded	4.69E-03	6.27E-04	4.68E-03	6.25E-04	4.80E-03	6.64E-04	4.80E-03	6.64E-04	2.72E-04	3.49E-05	4.68E-03	6.25E-04	5.35E-03	7.85E-04	5.35E-03	7.85E-04	4.69E-03	6.27E-04	4.80E-03	6.64E-04	4.70E-03	6.32E-04	4.69E-03	6.26E-04	4.70E-03	6.29E-04	4.69E-03	6.28E-04	1.61E-01	2.42E-02	2.68E+00	3.47E-01

Scenario 2 Results

744 Gridded	5.50E-03	5.78E-04	5.49E-03	5.76E-04	5.68E-03	6.09E-04	5.68E-03	6.09E-04	2.56E-04	2.92E-05	5.50E-03	5.77E-04	6.24E-03	7.10E-04	6.24E-03	7.10E-04	5.51E-03	5.78E-04	5.68E-03	6.09E-04	5.53E-03	5.82E-04	5.50E-03	5.78E-04	5.52E-03	5.80E-04	5.51E-03	5.79E-04	1.94E-01	2.45E-02	3.19E+00	3.20E-01
745 Gridded	5.45E-03	4.70E-04	5.44E-03	4.68E-04	5.63E-03	5.03E-04	5.63E-03	5.03E-04	3.05E-04	3.12E-05	5.44E-03	4.68E-04	6.22E-03	6.11E-04	6.22E-03	6.11E-04	5.45E-03	4.70E-04	5.63E-03	5.03E-04	5.48E-03	4.74E-04	5.45E-03	4.69E-04	5.47E-03	4.72E-04	5.46E-03	4.70E-04	1.89E-01	2.36E-02	3.17E+00	2.70E-01
746 Gridded	4.74E-03	4.97E-04	4.72E-03	4.96E-04	5.08E-03	5.23E-04	5.08E-03	5.23E-04	3.18E-04	2.95E-05	4.72E-03	4.96E-04	6.17E-03	6.08E-04	6.17E-03	6.08E-04	4.74E-03	4.97E-04	5.08E-03	5.23E-04	4.78E-03	5.01E-04	4.73E-03	4.97E-04	4.76E-03	4.99E-04	4.74E-03	4.98E-04	2.10E-01	2.27E-02	2.70E+00	2.85E-01
747 Gridded	6.24E-03	6.10E-04	6.22E-03	6.07E-04	6.51E-03	6.46E-04	6.51E-03	6.46E-04	3.79E-04	3.41E-05	6.23E-03	6.08E-04	7.37E-03	7.63E-04	7.37E-03	7.63E-04	6.24E-03	6.10E-04	6.51E-03	6.46E-04	6.28E-03	6.14E-04	6.24E-03	6.09E-04	6.26E-03	6.12E-04	6.25E-03	6.10E-04	2.46E-01	2.09E-02	3.38E+00	3.51E-01
748 Gridded	5.76E-03	5.92E-04	5.75E-03	5.90E-04	5.93E-03	6.22E-04	5.93E-03	6.22E-04	3.81E-04	3.02E-05	5.75E-03	5.90E-04	6.49E-03	7.20E-04	6.49E-03	7.20E-04	5.76E-03	5.92E-04	5.93E-03	6.22E-04	5.78E-03	5.96E-04	5.76E-03	5.91E-04	5.77E-03	5.94E-04	5.76E-03	5.92E-04	1.93E-01	1.83E-02	3.10E+00	3.31E-01
749 Gridded	4.49E-03	4.27E-04	4.47E-03	4.26E-04	4.68E-03	4.46E-04	4.68E-03	4.46E-04	3.12E-04	4.21E-05	4.48E-03	4.26E-04	5.31E-03	5.10E-04	5.31E-03	5.10E-04	4.49E-03	4.27E-04	4.68E-03	4.46E-04	4.51E-03	4.29E-04	4.48E-03	4.26E-04	4.50E-03	4.28E-04	4.49E-03	4.27E-04	1.70E-01	2.11E-02	2.43E+00	2.34E-01
750 Gridded	5.24E-03	5.24E-04	5.23E-03	5.22E-04	5.44E-03	5.64E-04	5.44E-03	5.64E-04	4.36E-04	4.55E-05	5.23E-03	5.22E-04	6.10E-03	6.93E-04	6.10E-03	6.93E-04	5.24E-03	5.24E-04	5.44E-03	5.64E-04	5.26E-03	5.29E-04	5.23E-03	5.23E-04	5.25E-03	5.27E-04	5.24E-03	5.25E-04	1.73E-01	2.23E-02	2.79E+00	3.17E-01
751 Gridded	4.89E-03	7.22E-04	4.87E-03	7.19E-04	5.19E-03	7.65E-04	5.19E-03	7.65E-04	3.27E-04	4.02E-05	4.87E-03	7.20E-04	6.18E-03	9.04E-04	6.18E-03	9.04E-04	4.89E-03	7.22E-04	5.19E-03	7.65E-04	4.93E-03	7.27E-04	4.88E-03	7.21E-04	4.91E-03	7.25E-04	4.89E-03	7.23E-04	2.09E-01	2.54E-02	2.69E+00	4.23E-01
752 Gridded	5.70E-03	8.09E-04	5.68E-03	8.05E-04	5.99E-03	8.63E-04	5.99E-03	8.63E-04	3.32E-04	5.15E-05	5.68E-03	8.06E-04	6.97E-03	1.04E-03	6.97E-03	1.04E-03	5.70E-03	8.09E-04	5.99E-03	8.63E-04	5.73E-03	8.16E-04	5.69E-03	8.08E-04	5.71E-03	8.12E-04	5.70E-03	8.09E-04	1.87E-01	3.17E-02	3.07E+00	4.79E-01
753 Gridded	5.56E-03	8.15E-04	5.54E-03	8.12E-04	5.89E-03	8.63E-04	5.89E-03	8.63E-04	3.14E-04	4.49E-05	5.54E-03	8.13E-04	6.97E-03	1.02E-03	6.97E-03	1.02E-03	5.56E-03	8.15E-04	5.89E-03	8.63E-04	5.60E-03	8.21E-04	5.55E-03	8.14E-04	5.58E-03	8.18E-04	5.56E-03	8.16E-04	1.90E-01	3.34E-02	3.09E+00	4.78E-01
754 Gridded	5.93E-03	6.11E-04	5.91E-03	6.08E-04	6.20E-03	6.64E-04	6.20E-03	6.64E-04	3.70E-04	5.00E-05	5.92E-03	6.08E-04	7.07E-03	8.37E-04	7.07E-03	8.37E-04	5.93E-03	6.11E-04	6.20E-03	6.64E-04	5.97E-03	6.18E-04	5.93E-03	6.10E-04	5.95E-03	6.14E-04	5.94E-03	6.12E-04	1.82E-01	3.43E-02	3.25E+00	3.82E-01
755 Gridded	5.16E-03	7.70E-04	5.15E-03	7.66E-04	5.35E-03	8.23E-04	5.35E-03	8.23E-04	3.51E-04	5.27E-05	5.15E-03	7.67E-04	5.98E-03	9.98E-04	5.98E-03	9.98E-04	5.16E-03	7.70E-04	5.35E-03	8.23E-04	5.18E-03	7.77E-04	5.15E-03	7.69E-04	5.17E-03	7.73E-04	5.16E-03	7.70E-04	2.13E-01	4.68E-02	2.79E+00	4.62E-01
756 Gridded	4.62E-03	8.71E-04	4.61E-03	8.67E-04	4.89E-03	9.41E-04	4.89E-03	9.41E-04	2.70E-04	6.53E-05	4.61E-03	8.67E-04	5.77E-03	1.17E-03	5.77E-03	1.17E-03	4.62E-03	8.72E-04	4.89E-03	9.41E-04	4.66E-03	8.80E-04	4.62E-03	8.70E-04	4.64E-03	8.75E-04	4.63E-03	8.72E-04	2.14E-01	4.44E-02	2.64E+00	5.23E-01
757 Gridded	4.62E-03	1.08E-03	4.60E-03	1.07E-03	4.91E-03	1.15E-03	4.91E-03	1.15E-03	2.73E-04	6.48E-05	4.61E-03	1.07E-03	5.85E-03	1.37E-03	5.85E-03	1.37E-03	4.62E-03	1.08E-03	4.91E-03	1.15E-03	4.66E-03	1.09E-03	4.61E-03	1.08E-03	4.64E-03	1.08E-03	4.62E-03	1.08E-03	1.68E-01	3.42E-02	2.67E+00	6.17E-01
758 Gridded	5.88E-03	9.33E-04	5.88E-03	9.30E-04	5.90E-03	9.80E-04	5.90E-03	9.80E-04	2.34E-04	4.51E-05	5.88E-03	9.30E-04	5.96E-03	1.13E-03	5.96E-03	1.13E-03	5.88E-03	9.33E-04	5.90E-03	9.80E-04	5.88E-03	9.39E-04	5.88E-03	9.32E-04	5.88E-03	9.36E-04	5.88E-03	9.33E-04	1.84E-01	4.20E-02	3.61E+00	5.21E-01
759 Gridded	9.36E-03	7.66E-04	9.36E-03	7.63E-04	9.38E-03	8.17E-04	9.38E-03	8.17E-04	2.37E-04	5.12E-05	9.36E-03	7.63E-04	9.44E-03	9.82E-04	9.44E-03	9.82E-04	9.36E-03	7.66E-04	9.38E-03	8.17E-04	9.36E-03	7.73E-04	9.36E-03	7.65E-04	9.36E-03	7.69E-04	9.36E-03	7.67E-04	1.59E-01	4.42E-02	5.29E+00	4.56E-01
760 Gridded	6.98E-03	8.23E-04	6.98E-03	8.19E-04	7.00E-03	8.87E-04	7.00E-03	8.87E-04	2.35E-04	6.12E-05	6.98E-03	8.20E-04	7.06E-03	1.09E-03	7.06E-03	1.09E-03	6.98E-03	8.23E-04	7.00E-03	8.87E-04	6.98E-03	8.31E-04	6.98E-03	8.22E-04	6.98E-03	8.27E-04	6.98E-03	8.24E-04	1.96E-01	6.29E-02	3.82E+00	5.20E-01
761 Gridded	3.78E-03	1.18E-03	3.77E-03	1.18E-03	4.05E-03	1.29E-03	4.05E-03	1.29E-03	2.93E-04	9.70E-05	3.77E-03	1.18E-03	4.92E-03	1.62E-03	4.92E-03	1.62E-03	3.78E-03	1.18E-03	4.05E-03	1.29E-03	3.82E-03	1.20E-03	3.78E-03	1.18E-03	3.80E-03	1.19E-03	3.79E-03	1.19E-03	2.06E-01	7.21E-02	2.18E+00	7.45E-01
762 Gridded	6.08E-03	1.86E-03	6.05E-03	1.85E-03	6.48E-03	2.00E-03	6.48E-03	2.00E-03	3.81E-04	1.24E-04	6.05E-03	1.86E-03	7.80E-03	2.42E-03	7.80E-03	2.42E-03	6.08E-03	1.86E-03	6.48E-03	2.00E-03	6.13E-03	1.88E-03	6.07E-03	1.86E-03	6.10E-03	1.87E-03	6.08E-03	1.87E-03	2.05E-01	6.45E-02	3.39E+00	1.09E+00
763 Gridded	5.73E-03	2.04E-03	5.71E-03	2.03E-03	6.03E-03	2.16E-03	6.03E-03	2.16E-03	3.88E-04	1.14E-04	5.71E-03	2.03E-03	7.03E-03	2.55E-03	7.03E-03	2.55E-03	5.73E-03	2.04E-03	6.03E-03	2.16E-03	5.77E-03	2.05E-03	5.72E-03	2.03E-03	5.75E-03	2.04E-03	5.73E-03	2.04E-03	2.03E-01	6.59E-02	3.16E+00	1.14E+00
764 Gridded	6.15E-03	1.91E-03	6.11E-03	1.90E-03	6.68E-03	2.01E-03	6.68E-03	2.01E-03	5.05E-04	9.48E-05	6.12E-03	1.91E-03	8.43E-03	2.34E-03	8.43E-03	2.34E-03	6.15E-03	1.91E-03	6.68E-03	2.01E-03	6.21E-03	1.92E-03	6.14E-03	1.91E-03	6.18E-03	1.92E-03	6.15E-03	1.91E-03	2.01E-01	7.17E-02	3.64E+00	1.06E+00
765 Gridded	1.01E-02	1.89E-03	1.00E-02	1.88E-03	1.07E-02	1.98E-03	1.07E-02	1.98E-03	5.67E-04	1.10E-04	1.00E-02	1.88E-03	1.26E-02	2.27E-03	1.26E-02	2.27E-03	1.01E-02	1.89E-03	1.07E-02	1.98E-03	1.02E-02	1.90E-03	1.01E-02	1.89E-03	1.01E-02	1.90E-03	1.01E-02	1.89E-03	2.04E-01	7.50E-02	5.87E+00	1.05E+00
766 Gridded	4.61E-03	5.40E-04	4.61E-03	5.38E-04	4.62E-03	5.69E-04	4.62E-03	5.69E-04	1.95E-04	2.80E-05	4.61E-03	5.38E-04	4.66E-03	6.66E-04	4.66E-03	6.66E-04	4.61E-03	5.40E-04	4.62E-03	5.69E-04	4.61E-03	5.43E-04	4.61E-03	5.39E-04	4.61E-03	5.41E-04	4.61E-03	5.40E-04	8.80E-02	1.65E-02	2.60E+00	2.92E-01
767 Gridded	4.96E-03	5.36E-04	4.96E-03	5.35E-04	4.97E-03	5.55E-04	4.97E-03	5.55E-04	1.98E-04	2.96E-05	4.96E-03	5.35E-04	4.98E-03	6.18E-04	4.98E-03	6.18E-04	4.96E-03	5.36E-04	4.97E-03	5.55E-04	4.96E-03	5.38E-04	4.96E-03	5.36E-04	4.96E-03	5.37E-04	4.96E-03	5.36E-04	9.17E-02	1.84E-02	2.82E+00	2.96E-01
768 Gridded	4.59E-03	5.44E-04	4.59E-03	5.42E-04	4.59E-03	5.76E-04	4.59E-03	5.76E-04	2.16E-04	2.97E-05	4.59E-03	5.42E-04	4.60E-03	6.78E-04	4.60E-03	6.78E-04	4.59E-03	5.44E-04	4.59E-03	5.76E-04	4.59E-03	5.48E-04	4.59E-03	5.43E-04	4.59E-03	5.46E-04	4.59E-03	5.44E-04	9.79E-02	1.87E-02	2.64E+00	2.99E-01
769 Gridded	4.45E-03	5.50E-04	4.45E-03	5.48E-04	4.45E-03	5.79E-04	4.45E-03	5.79E-04	2.87E-04	2.74E-05	4.45E-03	5.49E-04	4.45E-03	6.74E-04	4.45E-03	6.74E-04	4.45E-03	5.50E-04	4.45E-03	5.79E-04	4.45E-03	5.54E-04	4.45E-03	5.50E-04	4.45E-03	5.52E-04	4.45E-03	5.50E-04	1.13E-01	1.69E-02	2.49E+00	3.05E-01
770 Gridded	5.40E-03	6.01E-04	5.40E-03	6.00E-04	5.40E-03	6.17E-04	5.40E-03	6.17E-04	3.30E-04	3.34E-05	5.40E-03	6.01E-04	5.40E-03	6.68E-04	5.40E-03	6.68E-04	5.40E-03	6.01E-04	5.40E-03	6.17E-04	5.40E-03	6.03E-04	5.40E-03	6.01E-04	5.40E-03	6.02E-04	5.40E-03	6.02E-04	1.22E-01	1.71E-02	3.05E+00	3.25E-01
771 Gridded	4.70E-03	6.84E-04	4.70E-03	6.83E-04	4.70E-03	6.99E-04	4.70E-03	6.99E-04	3.34E-04	4.45E-05	4.70E-03	6.83E-04	5.11E-03	7.84E-04	5.11E-03	7.84E-04	4.70E-03	6.84E-04	4.70E-03	6.99E-04	4.70E-03	6.86E-04	4.70E-03	6.84E-04	4.70E-03	6.85E-04	4.70E-03	6.84E-04	9.53E-02	1.98E-02	2.69E+00	3.73E-01
772 Gridded	4.66E-03	7.48E-04	4.66E-03	7.45E-04	4.66E-03	8.00E-04	4.66E-03	8.00E-04	2.95E-04	4.81E-05	4.66E-03	7.46E-04	4.67E-03	9.66E-04	4.67E-03	9.66E-04	4.66E-03	7.49E-04	4.66E-03	8.00E-04	4.66E-03	7.55E-04	4.66E-03	7.47E-04	4.66E-03	7.51E-04	4.66E-03	7.49E-04	1.08E-01	2.12E-02	2.65E+00	4.12E-01
773 Gridded	5.22E-03	8.53E-04	5.22E-03	8.50E-04	5.22E-03	9.00E-04	5.22E-03	9.00E-04	2.57E-04	4.54E-05	5.22E-03	8.51E-04	5.22E-03	1.05E-03	5.22E-03	1.05E-03	5.22E-03	8.53E-04	5.22E-03	9.00E-04	5.22E-03	8.59E-04	5.22E-03	8.52E-04	5.22E-03	8.56E-04	5.22E-03	8.54E-04	1.10E-01	2.69E-02	3.00E+00	4.64E-01
774 Gridded	4.92E-03	8.42E-04	4.92E-03	8.39E-04	4.95E-03	8.79E-04	4.95E-03	8.79E-04	2.63E-04	4.15E-05	4.92E-03	8.40E-04	5.82E-03	9.98E-04	5.82E-03	9.98E-04	4.92E-03	8.42E-04	4.95E-03	8.79E-04	4.92E-03	8.46E-04	4.92E-03	8.41E-04	4.92E-03	8.44E-04	4.92E-03	8.42E-04	1.44E-01	3.10E-02	2.86E+00	4.56E-01
775 Gridded	5.70E-03	6.89E-04	5.69E-03	6.87E-04	5.89E-03	7.28E-04	5.89E-03	7.28E-04	3.05E-04	4.45E-05	5.69E-03	6.87E-04	6.49E-03	8.55E-04	6.49E-03	8.55E-04	5.70E-03	6.90E-04	5.89E-03	7.28E-04	5.72E-03	6.94E-04	5.70E-03	6.89E-04	5.71E-03	6.92E-04	5.70E-03	6.90E-04	1.54E-01	2.93E-02	3.14E+00	3.95E-01
776 Gridded	5.13E-03	6.89E-04	5.11E-03	6.86E-04	5.39E-03	7.33E-04	5.39E-03	7.33E-04	3.25E-04	4.12E-05	5.11E-03	6.87E-04	6.23E-03	8.75E-04	6.23E-03	8.75E-04	5.13E-03	6.89E-04	5.39E-03	7.33E-04	5.16E-03	6.95E-04	5.12E-03	6.88E-04	5.14E-03	6.92E-04	5.13E-03	6.90E-04	1.28E-01	2.36E-02	2.83E+00	4.12E-01
777 Gridded	5.43E-03	8.11E-04	5.41E-03	8.07E-04	5.58E-03	8.59E-04	5.58E-03	8.59E-04	3.87E-04	4.55E-05	5.42E-03	8.08E-04	6.10E-03	1.02E-03	6.10E-03	1.02E-03	5.43E-03	8.11E-04	5.58E-03	8.59E-04	5.44E-03	8.17E-04	5.42E-03	8.10E-04	5.43E-03	8.14E-04	5.43E-03	8.11E-04	1.46E-01	2.61E-02	2.94E+00	4.60E-01
778 Gridded	5.47E-03	8.38E-04	5.45E-03	8.35E-04	5.71E-03	8.84E-04	5.71E-03	8.84E-04	3.41E-04	4.38E-05	5.45E-03	8.35E-04	6.48E-03	1.04E-03	6.48E-03	1.04E-03	5.47E-03	8.38E-04	5.71E-03	8.84E-04	5.50E-03	8.44E-04	5.46E-03	8.37E-04	5.48E-03	8.41E-04	5.47E-03	8.38E-04	2.07E-01	2.73E-02	2.97E+00	4.62E-01
779 Gridded	7.65E-03	6.63E-04	7.61E-03	6.62E-04	8.35E-03	6.90E-04	8.35E-03	6.90E-04	6.53E-04	4.46E-05	7.61E-03	6.62E-04	1.06E-02	7.77E-04	1.06E-02	7.77E-04	7.65E-03	6.63E-04	8.35E-03	6.90E-04	7.74E-03	6.67E-04	7.64E-03	6.63E-04	7.69E-03	6.65E-04	7.66E-03	6.64E-04	2.51E-01	2.66E-02	4.53E+00	3.61E-01
780 Gridded	1.32E-02	6.59E-04	1.32E-02	6.57E-04	1.40E-02	7.00E-04	1.40E-02	7.00E-04	7.24E-04	3.86E-05	1.32E-02	6.57E-04	1.65E-02	8.31E-04	1.65E-02	8.31E-04	1.32E-02	6.59E-04	1.40E-02	7.00E-04	1.33E-02	6.64E-04	1.32E-02	6.58E-04	1.33E-02	6.62E-04	1.33E-02	6.60E-04	1.90E-01	2.60E-02	7.37E+00	3.84E-01
781 Gridded	1.20E-02	6.89E-04	1.20E-02	6.88E-04	1.24E-02	7.14E-04	1.24E-02	7.14E-04	3.84E-04	3.97E-05	1.20E-02	6.88E-04	1.38E-02	8.20E-04	1.38E-02	8.20E-04	1.20E-02	6.89E-04	1.24E-02	7.14E-04	1.21E-02	6.92E-04	1.20E-02	6.89E-04	1.20E-02	6.91E-04	1.20E-02	6.90E-04	1.98E-01	3.47E-02	6.54E+00	3.79E-01
782 Gridded	5.97E-03	6.82E-04	5.96E-03	6.81E-04	6.14E-03	6.95E-04	6.14E-03	6.95E-04	3.20E-04	3.71E-05	5.96E-03	6.81E-04	6.67E-03	7.65E-04	6.67E-03	7.65E-04	5.97E-03	6.82E-04	6.14E-03	6.95E-04	5.99E-03	6.84E-04	5.97E-03	6.82E-04	5.98E-03	6.83E-04	5.98E-03	6.82E-04	2.61E-01	4.37E-02	3.16E+00	3.63E-01
783 Gridded	5.46E-03	5.36E-04	5.45E-03	5.33E-04	5.59E-03	5.72E-04	5.59E-03	5.72E-04	3.65E-04	5.32E-05	5.46E-03	5.34E-04	6.11E-03	6.87E-04	6.11E-03	6.87E-04	5.46E-03	5.36E-04	5.59E-03	5.72E-04	5.48E-03	5.40E-04	5.46E-03	5.35E-04	5.47E-03	5.38E-04	5.46E-03	5.36E-04	2.38E-01	4.70E-02	3.13E+00	3.30E-01
784 Gridded	7.38E-03	7.41E-04	7.35E-03	7.38E-04	7.88E-03	7.87E-04	7.88E-03	7.87E-04	4.68E-04	4.40E-05	7.35E-03	7.38E-04	9.49E-03	9.35E-04	9.49E-03	9.35E-04	7.38E-03	7.41E-04	7.88E-03	7.87E-04	7.44E-03	7.46E-04	7.37E-03	7.40E-04	7.41E-03	7.43E-04	7.39E-03	7.41E-04	2.69E-01	3.75E-02	4.33E+00	4.14E-01
785 Gridded	6.59E-03	7.06E-04	6.57E-03	7.05E-04	6.86E-03	7.59E-04	6.86E-03	7.59E-04	4.44E-04	6.87E-05	6.57E-03	7.05E-04	7.76E-03	9.96E-04	7.76E-03	9.96E-04	6.59E-03	7.07E-04	6.86E-03	7.59E-04	6.62E-03	7.10E-04	6.58E-03	7.06E-04	6.61E-03	7.08E-04	6.59E-03	7.07E-04	2.10E-01	2.57E-02	3.62E+00	3.85E-01
786 Gridded	6.78E-03	1.04E-03	6.77E-03	1.03E-03	7.01E-03	1.13E-03	7.01E-03	1.13E-03	5.43E-04	8.71E-05	6.77E-03	1.04E-03	7.74E-03	1.43E-03	7.74E-03	1.43E-03	6.78E-03	1.04E-03	7.01E-03	1.13E-03	6.81E-03	1.05E-03	6.78E-03	1.04E-03	6.80E-03	1.05E-03	6.79E-03	1.04E-03	2.19E-01	3.27E-02	3.62E+00	5.57E-01
787 Gridded	9.80E-03	1.41E-03	9.78E-03	1.41E-03	1.01E-02	1.47E-03	1.01E-02	1.47E-03	3.96E-04	4.76E-05	9.78E-03	1.41E-03	1.11E-02	1.63E-03	1.11E-02	1.63E-03	9.80E-03	1.41E-03	1.01E-02	1.47E-03	9.83E-03	1.42E-03	9.79E-03	1.41E-03	9.81E-03	1.42E-03	9.80E-03	1.42E-03	3.06E-01	2.21E-02	5.27E+00	7.57E-01
788 Gridded	9.26E-03	6.17E-04	9.22E-03	6.15E-04	9.79E-03	6.48E-04	9.79E-03	6.48E-04	5.52E-04	3.64E-05	9.23E-03	6.15E-04	1.15E-02	7.47E-04	1.15E-02	7.47E-04	9.26E-03	6.17E-04	9.79E-03	6.48E-04	9.33E-03	6.21E-04	9.25E-03	6.16E-04	9.29E-03	6.19E-04	9.27E-03	6.17E-04	2.66E-01	2.14E-02	5.26E+00	3.52E-01
789 Gridded	8.73E-03	6.11E-04	8.73E-03	6.08E-04	8.73E-03	6.51E-04	8.73E-03	6.51E-04	4.16E-04	3.78E-05	8.73E-03	6.09E-04	8.73E-03	7.82E-04	8.73E-03	7.82E-04	8.73E-03	6.11E-04	8.73E-03	6.51E-04	8.73E-03	6.16E-04	8.73E-03	6.10E-04	8.73E-03	6.13E-04	8.73E-03	6.12E-04	1.99E-01	1.93E-02	4.86E+00	3.61E-01
790 Gridded	6.92E-03	5.89E-04	6.90E-03	5.86E-04	7.27E-03	6.30E-04	7.27E-03	6.30E-04	4.25E-04	3.84E-05	6.90E-03	5.87E-04	8.40E-03	7.62E-04	8.40E-03	7.62E-04	6.92E-03	5.89E-04	7.27E-03	6.30E-04	6.96E-03	5.94E-04	6.91E-03	5.88E-04	6.94E-03	5.91E-04	6.92E-03	5.89E-04	2.24E-01	2.84E-02	3.79E+00	3.65E-01
791 Gridded	7.19E-03	7.09E-04	7.17E-03	7.07E-04	7.46E-03	7.41E-04	7.46E-03	7.41E-04	3.79E-04	4.43E-05	7.18E-03	7.08E-04	8.33E-03	8.43E-04	8.33E-03	8.43E-04	7.19E-03	7.10E-04	7.46E-03	7.41E-04	7.22E-03	7.13E-04	7.18E-03	7.09E-04	7.21E-03	7.11E-04	7.19E-03	7.10E-04	2.20E-01	2.98E-02	4.17E+00	4.14E-01
792 Gridded	6.18E-03	6.73E-04	6.16E-03	6.70E-04	6.51E-03	7.17E-04	6.51E-03	7.17E-04	3.77E-04	4.17E-05	6.16E-03	6.70E-04	7.58E-03	8.61E-04	7.58E-03	8.61E-04	6.18E-03	6.73E-04	6.51E-03	7.17E-04	6.22E-03	6.78E-04	6.17E-03	6.72E-04	6.20E-03	6.75E-04	6.18E-03	6.73E-04	1.87E-01	2.66E-02	3.55E+00	4.00E-01
793 Gridded	5.87E-03	6.29E-04	5.86E-03	6.27E-04	5.94E-03	6.57E-04	5.94E-03	6.57E-04	3.04E-04	3.43E-05	5.86E-03	6.28E-04	6.63E-03	7.47E-04	6.63E-03	7.47E-04	5.87E-03	6.29E-04	5.94E-03	6.57E-04	5.88E-03	6.33E-04	5.87E-03	6.29E-04	5.87E-03	6.31E-04	5.87E-03	6.29E-04	1.82E-01	2.96E-02	3.41E+00	3.74E-01
794 Gridded	5.67E-03	6.94E-04	5.66E-03	6.91E-04	5.75E-03	7.34E-04	5.75E-03	7.34E-04	3.31E-04	3.74E-05	5.66E-03	6.92E-04	6.03E-03	8.63E-04	6.03E-03	8.63E-04	5.67E-03	6.94E-04	5.75E-03	7.34E-04	5.68E-03	6.99E-04	5.66E-03	6.93E-04	5.67E-03	6.96E-04	5.67E-03	6.94E-04	2.12E-01	3.01E-02	3.30E+00	3.82E-01
795 Gridded	5.30E-03	5.17E-04	5.30E-03	5.15E-04	5.43E-03	5.44E-04	5.43E-03	5.44E-04	3.24E-04	3.22E-05	5.30E-03	5.16E-04	6.07E-03	6.29E-04	6.07E-03	6.29E-04	5.30E-03	5.17E-04	5.43E-03	5.44E-04	5.30E-03	5.20E-04	5.30E-03	5.17E-04	5.30E-03	5.19E-04	5.30E-03	5.17E-04	1.94E-01	2.86E-02	2.85E+00	2.95E-01
796 Gridded	5.34E-03	5.49E-04	5.33E-03	5.47E-04	5.53E-03	5.83E-04	5.53E-03	5.83E-04	3.90E-04	3.27E-05	5.33E-03	5.47E-04	6.15E-03	6.93E-04	6.15E-03	6.93E-04	5.34E-03	5.49E-04	5.53E-03	5.83E-04	5.36E-03	5.53E-04	5.33E-03	5.48E-04	5.35E-03	5.51E-04	5.34E-03	5.49E-04	2.45E-01	2.71E-02	3.08E+00	3.15E-01
797 Gridded	6.19E-03	6.29E-04	6.16E-03	6.26E-04	6.56E-03	6.69E-04	6.56E-03	6.69E-04	3.91E-04	3.76E-05	6.17E-03	6.27E-04	7.76E-03	7.98E-04	7.76E-03	7.98E-04	6.19E-03	6.29E-04	6.56E-03	6.69E-04	6.23E-03	6.34E-04	6.18E-03	6.28E-04	6.21E-03	6.31E-04	6.19E-03	6.29E-04	2.49E-01	2.51E-02	3.33E+00	3.68E-01
798 Gridded	6.80E-03	6.99E-04	6.78E-03	6.96E-04	7.05E-03	7.36E-04	7.05E-03	7.36E-04	4.44E-04	3.50E-05	6.79E-03	6.97E-04	7.85E-03	8.57E-04	7.85E-03	8.57E-04	6.80E-03	6.99E-04	7.05E-03	7.36E-04	6.83E-03	7.03E-04	6.79E-03	6.98E-04	6.81E-03	7.01E-04	6.80E-03	6.99E-04	2.36E-01	1.86E-02	3.65E+00	3.96E-01
799 Gridded	5.07E-03	5.47E-04	5.06E-03	5.45E-04	5.20E-03	5.72E-04	5.20E-03	5.72E-04	3.96E-04	4.54E-05	5.06E-03	5.45E-04	5.86E-03	6.52E-04	5.86E-03	6.52E-04	5.07E-03	5.47E-04	5.20E-03	5.72E-04	5.08E-03	5.50E-04	5.06E-03	5.46E-04	5.07E-03	5.48E-04	5.07E-03	5.47E-04	2.08E-01	2.45E-02	2.80E+00	3.01E-01
800 Gridded	4.81E-03	5.43E-04	4.79E-03	5.40E-04	5.01E-03	5.85E-04	5.01E-03	5.85E-04	4.75E-04	5.47E-05	4.80E-03	5.40E-04	5.75E-03	7.25E-04	5.75E-03	7.25E-04	4.81E-03	5.43E-04	5.01E-03	5.85E-04	4.83E-03	5.48E-04	4.80E-03	5.42E-04	4.82E-03	5.45E-04	4.81E-03	5.43E-04	1.89E-01	2.45E-02	2.60E+00	3.31E-01
801 Gridded	5.34E-03	7.87E-04	5.31E-03	7.84E-04	5.68E-03	8.34E-04	5.68E-03	8.34E-04	3.35E-04	4.45E-05	5.32E-03	7.85E-04	6.82E-03	9.88E-04	6.82E-03	9.88E-04	5.34E-03	7.87E-04	5.68E-03	8.34E-04	5.38E-03	7.93E-04	5.33E-03	7.86E-04	5.36E-03	7.90E-04	5.34E-03	7.88E-04	2.21E-01	2.80E-02	3.09E+00	4.62E-01
802 Gridded	6.06E-03	8.70E-04	6.04E-03	8.66E-04	6.39E-03	9.29E-04	6.39E-03	9.29E-04	4.01E-04	5.52E-05	6.04E-03	8.67E-04	7.45E-03	1.12E-03	7.45E-03	1.12E-03	6.06E-03	8.70E-04	6.39E-03	9.29E-04	6.10E-03	8.77E-04	6.05E-03	8.69E-04	6.08E-03	8.73E-04	6.06E-03	8.71E-04	2.01E-01	3.48E-02	3.28E+00	5.17E-01
803 Gridded	6.36E-03	8.20E-04	6.33E-03	8.17E-04	6.76E-03	8.69E-04	6.76E-03	8.69E-04	3.78E-04	4.55E-05	6.34E-03	8.18E-04	8.06E-03	1.03E-03	8.06E-03	1.03E-03	6.36E-03	8.21E-04	6.76E-03	8.69E-04	6.41E-03	8.26E-04	6.35E-03	8.19E-04	6.38E-03	8.23E-04	6.36E-03	8.21E-04	1.97E-01	3.58E-02	3.47E+00	4.84E-01
804 Gridded	7.08E-03	7.01E-04	7.06E-03	6.97E-04	7.40E-03	7.60E-04	7.40E-03	7.60E-04	4.04E-04	5.58E-05	7.06E-03	6.97E-04	8.43E-03	9.53E-04	8.43E-03	9.53E-04	7.08E-03	7.01E-04	7.40E-03	7.60E-04	7.12E-03	7.08E-04	7.07E-03	6.99E-04	7.10E-03	7.04E-04	7.08E-03	7.01E-04	2.02E-01	4.01E-02	3.83E+00	4.36E-01
805 Gridded	6.13E-03	8.43E-04	6.12E-03	8.39E-04	6.36E-03	8.99E-04	6.36E-03	8.99E-04	4.10E-04	6.23E-05	6.12E-03	8.40E-04	7.08E-03	1.08E-03	7.08E-03	1.08E-03	6.13E-03	8.43E-04	6.36E-03	8.99E-04	6.16E-03	8.50E-04	6.13E-03	8.42E-04	6.15E-03	8.46E-04	6.14E-03	8.44E-04	2.40E-01	5.19E-02	3.28E+00	5.04E-01
806 Gridded	5.31E-03	1.13E-03	5.29E-03	1.13E-03	5.61E-03	1.22E-03	5.61E-03	1.22E-03	3.34E-04	7.91E-05	5.30E-03	1.13E-03	6.58E-03	1.49E-03	6.58E-03	1.49E-03	5.31E-03	1.13E-03	5.61E-03	1.22E-03	5.35E-03	1.14E-03	5.31E-03	1.13E-03	5.33E-03	1.14E-03	5.32E-03	1.13E-03	2.24E-01	4.80E-02	3.05E+00	6.67E-01
807 Gridded	4.96E-03	1.06E-03	4.94E-03	1.06E-03	5.24E-03	1.12E-03	5.24E-03	1.12E-03	2.58E-04	5.80E-05	4.95E-03	1.06E-03	6.12E-03	1.32E-03	6.12E-03	1.32E-03	4.96E-03	1.06E-03	5.24E-03	1.12E-03	5.00E-03	1.07E-03	4.96E-03	1.06E-03	4.98E-03	1.06E-03	4.97E-03	1.06E-03	1.63E-01	3.95E-02	2.86E+00	6.01E-01
808 Gridded	3.99E-03	7.84E-04	3.98E-03	7.80E-04	4.22E-03	8.36E-04	4.22E-03	8.36E-04	2.18E-04	4.94E-05	3.98E-03	7.81E-04	4.95E-03	1.01E-03	4.95E-03	1.01E-03	4.00E-03	7.84E-04	4.22E-03	8.36E-04	4.02E-03	7.90E-04	3.99E-03	7.83E-04	4.01E-03	7.87E-04	4.00E-03	7.85E-04	1.70E-01	4.71E-02	2.41E+00	4.71E-01
809 Gridded	6.38E-03	7.62E-04	6.38E-03	7.59E-04	6.40E-03	8.11E-04	6.40E-03	8.11E-04	2.18E-04	5.53E-05	6.38E-03	7.60E-04	6.46E-03	9.71E-04	6.46E-03	9.71E-04	6.38E-03	7.62E-04	6.40E-03	8.11E-04	6.38E-03	7.68E-04	6.38E-03	7.61E-04	6.38E-03	7.65E-04	6.38E-03	7.63E-04	1.78E-01	5.57E-02	3.78E+00	4.65E-01
810 Gridded	7.51E-03	9.07E-04	7.51E-03	9.03E-04	7.53E-03	9.72E-04	7.53E-03	9.72E-04	2.33E-04	7.58E-05	7.51E-03	9.03E-04	7.59E-03	1.22E-03	7.59E-03	1.22E-03	7.51E-03	9.07E-04	7.53E-03	9.72E-04	7.51E-03	9.15E-04	7.51E-03	9.05E-04	7.51E-03	9.11E-04	7.51E-03	9.08E-04	2.00E-01	6.71E-02	4.23E+00	5.76E-01
811 Gridded	4.69E-03	1.36E-03	4.69E-03	1.36E-03	4.71E-03	1.47E-03	4.71E-03	1.47E-03	2.93E-04	1.01E-04	4.69E-03	1.36E-03	5.37E-03	1.82E-03	5.37E-03	1.82E-03	4.69E-03	1.36E-03	4.71E-03	1.47E-03	4.69E-03	1.38E-03	4.69E-03	1.36E-03	4.69E-03	1.37E-03	4.69E-03	1.36E-03	1.93E-01	6.52E-02	2.57E+00	8.23E-01
812 Gridded	5.82E-03	1.99E-03	5.80E-03	1.98E-03	6.17E-03	2.12E-03	6.17E-03	2.12E-03	3.81E-04	1.19E-04	5.80E-03	1.98E-03	7.29E-03	2.53E-03	7.29E-03	2.53E-03	5.82E-03	1.99E-03	6.17E-03	2.12E-03	5.87E-03	2.01E-03	5.82E-03	1.99E-03	5.84E-03	2.00E-03	5.83E-03	1.99E-03	2.38E-01	7.04E-02	3.21E+00	1.13E+00
813 Gridded	6.11E-03	1.98E-03	6.08E-03	1.98E-03	6.54E-03	2.09E-03	6.54E-03	2.09E-03	4.92E-04	1.02E-04	6.08E-03	1.98E-03	7.95E-03	2.44E-03	7.95E-03	2.44E-03	6.11E-03	1.98E-03	6.54E-03	2.09E-03	6.16E-03	2.00E-03	6.10E-03	1.98E-03	6.13E-03	1.99E-03	6.11E-03	1.98E-03	2.17E-01	7.92E-02	3.51E+00	1.10E+00
814 Gridded	8.44E-03	1.68E-03	8.40E-03	1.68E-03	9.04E-03	1.77E-03	9.04E-03	1.77E-03	5.66E-04	1.00E-04	8.40E-03	1.68E-03	1.10E-02	2.08E-03	1.10E-02	2.08E-03	8.44E-03	1.68E-03	9.04E-03	1.77E-03	8.51E-03	1.69E-03	8.42E-03	1.68E-03	8.47E-03	1.69E-03	8.44E-03	1.68E-03	2.21E-01	7.40E-02	5.01E+00	9.75E-01
815 Gridded	7.45E-03	1.47E-03	7.42E-03	1.46E-03	7.89E-03	1.55E-03	7.89E-03	1.55E-03	4.17E-04	8.26E-05	7.42E-03	1.46E-03	9.33E-03	1.83E-03	9.33E-03	1.83E-03	7.45E-03	1.47E-03	7.89E-03	1.55E-03	7.50E-03	1.48E-03	7.44E-03	1.46E-03	7.48E-03	1.47E-03	7.45E-03	1.47E-03	2.35E-01	5.62E-02	4.50E+00	8.58E-01
816 Gridded	6.61E-03	1.29E-03	6.61E-03	1.28E-03	6.70E-03	1.38E-03	6.70E-03	1.38E-03	3.41E-04	8.38E-05	6.61E-03	1.29E-03	7.86E-03	1.67E-03	7.86E-03	1.67E-03	6.61E-03	1.29E-03	6.70E-03	1.38E-03	6.61E-03	1.30E-03	6.61E-03	1.29E-03	6.61E-03	1.30E-03	6.61E-03	1.29E-03	2.38E-01	4.45E-02	3.65E+00	7.38E-01
817 Gridded	3.28E-03	6.37E-04	3.27E-03	6.35E-04	3.42E-03	6.73E-04	3.42E-03	6.73E-04	2.78E-04	3.40E-05	3.28E-03	6.35E-04	3.99E-03	7.90E-04	3.99E-03	7.90E-04	3.28E-03	6.37E-04	3.42E-03	6.73E-04	3.28E-03	6.42E-04	3.28E-03	6.36E-04	3.28E-03	6.39E-04	3.28E-03	6.38E-04	1.02E-01	1.54E-02	1.91E+00	3.52E-01
818 Gridded	3.71E-03	6.06E-04	3.71E-03	6.04E-04	3.72E-03	6.40E-04	3.72E-03	6.40E-04	2.54E-04	3.21E-05	3.71E-03	6.04E-04	3.85E-03	7.51E-04	3.85E-03	7.51E-04	3.71E-03	6.06E-04	3.72E-03	6.40E-04	3.71E-03	6.10E-04	3.71E-03	6.05E-04	3.71E-03	6.08E-04	3.71E-03	6.06E-04	1.05E-01	1.79E-02	2.09E+00	3.31E-01
819 Gridded	4.43E-03	5.67E-04	4.43E-03	5.65E-04	4.43E-03	5.99E-04	4.43E-03	5.99E-04	2.04E-04	2.96E-05	4.43E-03	5.66E-04	4.43E-03	7.01E-04	4.43E-03	7.01E-04	4.43E-03	5.67E-04	4.43E-03	5.99E-04	4.43E-03	5.71E-04	4.43E-03	5.67E-04	4.43E-03	5.69E-04	4.43E-03	5.68E-04	9.77E-02	2.03E-02	2.51E+00	3.07E-01
820 Gridded	4.51E-03	5.64E-04	4.51E-03	5.62E-04	4.51E-03	5.84E-04	4.51E-03	5.84E-04	2.00E-04	3.11E-05	4.51E-03	5.63E-04	4.51E-03	6.62E-04	4.51E-03	6.62E-04	4.51E-03	5.64E-04	4.51E-03	5.84E-04	4.51E-03	5.66E-04	4.51E-03	5.63E-04	4.51E-03	5.65E-04	4.51E-03	5.64E-04	1.10E-01	2.13E-02	2.58E+00	3.12E-01
821 Gridded	5.25E-03	5.77E-04	5.25E-03	5.74E-04	5.25E-03	6.09E-04	5.25E-03	6.09E-04	2.59E-04	3.07E-05	5.25E-03	5.75E-04	5.25E-03	7.15E-04	5.25E-03	7.15E-04	5.25E-03	5.77E-04	5.25E-03	6.09E-04	5.25E-03	5.81E-04	5.25E-03	5.76E-04	5.25E-03	5.78E-04	5.25E-03	5.77E-04	1.35E-01	2.00E-02	2.94E+00	3.17E-01
822 Gridded	5.95E-03	6.71E-04	5.95E-03	6.70E-04	5.95E-03	6.87E-04	5.95E-03	6.87E-04	3.01E-04	2.96E-05	5.95E-03	6.70E-04	5.95E-03	7.37E-04	5.95E-03	7.37E-04	5.95E-03	6.71E-04	5.95E-03	6.87E-04	5.95E-03	6.73E-04	5.95E-03	6.71E-04	5.95E-03	6.72E-04	5.95E-03	6.71E-04	1.27E-01	1.67E-02	3.37E+00	3.65E-01
823 Gridded	5.47E-03	7.99E-04	5.47E-03	7.98E-04	5.47E-03	8.15E-04	5.47E-03	8.15E-04	2.98E-04	3.90E-05	5.47E-03	7.98E-04	5.47E-03	8.67E-04	5.47E-03	8.67E-04	5.47E-03	7.99E-04	5.47E-03	8.15E-04	5.47E-03	8.01E-04	5.47E-03	7.99E-04	5.47E-03	8.00E-04	5.47E-03	7.99E-04	1.14E-01	1.91E-02	3.15E+00	4.39E-01
824 Gridded	5.86E-03	7.86E-04	5.86E-03	7.86E-04	5.86E-03	8.00E-04	5.86E-03	8.00E-04	2.76E-04	4.74E-05	5.86E-03	7.86E-04	5.86E-03	8.67E-04	5.86E-03	8.67E-04	5.86E-03	7.86E-04	5.86E-03	8.00E-04	5.86E-03	7.88E-04	5.86E-03	7.86E-04	5.86E-03	7.87E-04	5.86E-03	7.87E-04	1.46E-01	2.14E-02	3.42E+00	4.37E-01
825 Gridded	5.67E-03	8.56E-04	5.67E-03	8.52E-04	5.67E-03	9.10E-04	5.67E-03	9.10E-04	2.65E-04	5.08E-05	5.67E-03	8.53E-04	5.67E-03	1.09E-03	5.67E-03	1.09E-03	5.67E-03	8.56E-04	5.67E-03	9.10E-04	5.67E-03	8.63E-04	5.67E-03	8.55E-04	5.67E-03	8.59E-04	5.67E-03	8.57E-04	1.49E-01	2.70E-02	3.24E+00	4.68E-01
826 Gridded	5.93E-03	9.38E-04	5.93E-03	9.35E-04	5.93E-03	9.85E-04	5.93E-03	9.85E-04	2.74E-04	4.92E-05	5.93E-03	9.35E-04	5.93E-03	1.14E-03	5.93E-03	1.14E-03	5.93E-03	9.38E-04	5.93E-03	9.85E-04	5.93E-03	9.44E-04	5.93E-03	9.37E-04	5.93E-03	9.41E-04	5.93E-03	9.39E-04	1.47E-01	3.27E-02	3.42E+00	5.09E-01
827 Gridded	5.30E-03	7.64E-04	5.29E-03	7.62E-04	5.47E-03	7.95E-04	5.47E-03	7.95E-04	3.00E-04	4.33E-05	5.29E-03	7.62E-04	6.04E-03	8.98E-04	6.04E-03	8.98E-04	5.30E-03	7.64E-04	5.47E-03	7.95E-04	5.32E-03	7.68E-04	5.29E-03	7.63E-04	5.31E-03	7.66E-04	5.30E-03	7.64E-04	1.59E-01	3.22E-02	2.92E+00	4.14E-01
828 Gridded	5.90E-03	7.35E-04	5.89E-03	7.32E-04	6.05E-03	7.82E-04	6.05E-03	7.82E-04	3.25E-04	4.61E-05	5.89E-03	7.32E-04	6.54E-03	9.37E-04	6.54E-03	9.37E-04	5.90E-03	7.35E-04	6.05E-03	7.82E-04	5.92E-03	7.41E-04	5.89E-03	7.34E-04	5.91E-03	7.38E-04	5.90E-03	7.35E-04	1.43E-01	2.75E-02	3.28E+00	4.47E-01
829 Gridded	6.39E-03	9.09E-04	6.37E-03	9.05E-04	6.61E-03	9.64E-04	6.61E-03	9.64E-04	4.21E-04	5.18E-05	6.38E-03	9.05E-04	7.33E-03	1.14E-03	7.33E-03	1.14E-03	6.39E-03	9.09E-04	6.61E-03	9.64E-04	6.42E-03	9.15E-04	6.38E-03	9.07E-04	6.40E-03	9.12E-04	6.39E-03	9.09E-04	1.58E-01	2.97E-02	3.47E+00	5.21E-01
830 Gridded	5.87E-03	9.17E-04	5.85E-03	9.14E-04	6.15E-03	9.69E-04	6.15E-03	9.69E-04	3.84E-04	4.87E-05	5.86E-03	9.14E-04	7.07E-03	1.14E-03	7.07E-03	1.14E-03	5.87E-03	9.17E-04	6.15E-03	9.69E-04	5.91E-03	9.24E-04	5.87E-03	9.16E-04	5.89E-03	9.20E-04	5.88E-03	9.18E-04	2.26E-01	3.07E-02	3.21E+00	5.09E-01
831 Gridded	7.85E-03	7.20E-04	7.80E-03	7.17E-04	8.61E-03	7.56E-04	8.61E-03	7.56E-04	7.14E-04	4.58E-05	7.81E-03	7.18E-04	1.11E-02	8.74E-04	1.11E-02	8.74E-04	7.85E-03	7.20E-04	8.61E-03	7.56E-04	7.94E-03	7.24E-04	7.83E-03	7.19E-04	7.90E-03	7.22E-04	7.86E-03	7.20E-04	2.73E-01	3.02E-02	4.69E+00	3.94E-01
832 Gridded	1.39E-02	6.93E-04	1.38E-02	6.90E-04	1.47E-02	7.36E-04	1.47E-02	7.36E-04	7.74E-04	4.13E-05	1.38E-02	6.91E-04	1.74E-02	8.74E-04	1.74E-02	8.74E-04	1.39E-02	6.93E-04	1.47E-02	7.36E-04	1.40E-02	6.98E-04	1.39E-02	6.92E-04	1.39E-02	6.96E-04	1.39E-02	6.94E-04	1.96E-01	2.86E-02	7.73E+00	3.96E-01
833 Gridded	1.24E-02	8.14E-04	1.24E-02	8.12E-04	1.28E-02	8.36E-04	1.28E-02	8.36E-04	3.93E-04	4.01E-05	1.24E-02	8.13E-04	1.42E-02	9.09E-04	1.42E-02	9.09E-04	1.24E-02	8.14E-04	1.28E-02	8.36E-04	1.24E-02	8.17E-04	1.24E-02	8.13E-04	1.24E-02	8.15E-04	1.24E-02	8.14E-04	2.25E-01	3.81E-02	6.73E+00	4.35E-01
834 Gridded	5.51E-03	6.31E-04	5.48E-03	6.28E-04	5.85E-03	6.69E-04	5.85E-03	6.69E-04	3.34E-04	4.00E-05	5.49E-03	6.29E-04	6.94E-03	7.91E-04	6.94E-03	7.91E-04	5.51E-03	6.31E-04	5.85E-03	6.69E-04	5.55E-03	6.36E-04	5.50E-03	6.30E-04	5.53E-03	6.33E-04	5.51E-03	6.31E-04	2.57E-01	4.70E-02	3.09E+00	3.59E-01
835 Gridded	6.94E-03	6.33E-04	6.92E-03	6.29E-04	7.10E-03	6.95E-04	7.10E-03	6.95E-04	3.74E-04	5.80E-05	6.93E-03	6.30E-04	7.64E-03	8.95E-04	7.64E-03	8.95E-04	6.94E-03	6.33E-04	7.10E-03	6.95E-04	6.96E-03	6.41E-04	6.93E-03	6.32E-04	6.95E-03	6.37E-04	6.94E-03	6.34E-04	2.80E-01	5.18E-02	3.98E+00	3.87E-01
836 Gridded	9.23E-03	8.41E-04	9.20E-03	8.38E-04	9.73E-03	8.84E-04	9.73E-03	8.84E-04	4.67E-04	6.76E-05	9.20E-03	8.39E-04	1.13E-02	1.02E-03	1.13E-02	1.02E-03	9.23E-03	8.41E-04	9.73E-03	8.84E-04	9.29E-03	8.47E-04	9.22E-03	8.40E-04	9.26E-03	8.44E-04	9.24E-03	8.42E-04	2.54E-01	3.27E-02	5.25E+00	4.61E-01
837 Gridded	7.23E-03	9.58E-04	7.21E-03	9.52E-04	7.65E-03	1.04E-03	7.65E-03	1.04E-03	5.05E-04	8.25E-05	7.21E-03	9.53E-04	9.00E-03	1.31E-03	9.00E-03	1.31E-03	7.24E-03	9.58E-04	7.65E-03	1.04E-03	7.29E-03	9.68E-04	7.23E-03	9.56E-04	7.26E-03	9.63E-04	7.24E-03	9.59E-04	2.51E-01	3.46E-02	4.23E+00	5.38E-01
838 Gridded	8.34E-03	1.37E-03	8.34E-03	1.37E-03	8.65E-03	1.45E-03	8.65E-03	1.45E-03	4.84E-04	7.13E-05	8.34E-03	1.37E-03	1.01E-02	1.69E-03	1.01E-02	1.69E-03	8.34E-03	1.37E-03	8.65E-03	1.45E-03	8.36E-03	1.38E-03	8.34E-03	1.37E-03	8.35E-03	1.37E-03	8.35E-03	1.37E-03	2.90E-01	2.68E-02	4.51E+00	7.34E-01

Scenario 2 Results

839 Gridded	9.04E-03	8.75E-04	9.00E-03	8.74E-04	9.63E-03	8.93E-04	9.63E-03	8.93E-04	5.93E-04	3.65E-05	9.01E-03	8.74E-04	1.16E-02	9.53E-04	1.16E-02	9.53E-04	9.04E-03	8.75E-04	9.63E-03	8.93E-04	9.11E-03	8.77E-04	9.03E-03	8.74E-04	9.07E-03	8.76E-04	9.05E-03	8.75E-04	3.10E-01	2.37E-02	5.29E+00	4.70E-01
840 Gridded	1.05E-02	6.25E-04	1.05E-02	6.22E-04	1.05E-02	6.67E-04	1.05E-02	6.67E-04	4.15E-04	3.96E-05	1.05E-02	6.22E-04	1.05E-02	8.03E-04	1.05E-02	8.03E-04	1.05E-02	6.25E-04	1.05E-02	6.67E-04	1.05E-02	6.30E-04	1.05E-02	6.24E-04	1.05E-02	6.27E-04	1.05E-02	6.25E-04	2.22E-01	2.36E-02	5.93E+00	3.74E-01
841 Gridded	7.19E-03	6.13E-04	7.16E-03	6.11E-04	7.57E-03	6.44E-04	7.57E-03	6.44E-04	4.21E-04	4.13E-05	7.17E-03	6.11E-04	8.79E-03	7.71E-04	8.79E-03	7.71E-04	7.19E-03	6.13E-04	7.57E-03	6.44E-04	7.24E-03	6.17E-04	7.18E-03	6.12E-04	7.21E-03	6.15E-04	7.19E-03	6.13E-04	2.44E-01	3.22E-02	3.99E+00	3.69E-01
842 Gridded	7.23E-03	7.15E-04	7.21E-03	7.13E-04	7.49E-03	7.46E-04	7.49E-03	7.46E-04	4.07E-04	4.55E-05	7.22E-03	7.13E-04	8.33E-03	8.98E-04	8.33E-03	8.98E-04	7.23E-03	7.15E-04	7.49E-03	7.46E-04	7.26E-03	7.19E-04	7.23E-03	7.14E-04	7.25E-03	7.17E-04	7.23E-03	7.15E-04	2.43E-01	3.43E-02	4.19E+00	4.33E-01
843 Gridded	6.87E-03	7.10E-04	6.86E-03	7.07E-04	6.92E-03	7.57E-04	6.92E-03	7.57E-04	3.93E-04	4.44E-05	6.86E-03	7.07E-04	7.46E-03	9.10E-04	7.46E-03	9.10E-04	6.87E-03	7.10E-04	6.92E-03	7.57E-04	6.87E-03	7.16E-04	6.87E-03	7.09E-04	6.87E-03	7.13E-04	6.87E-03	7.10E-04	2.32E-01	3.24E-02	3.93E+00	4.27E-01
844 Gridded	5.85E-03	6.57E-04	5.84E-03	6.55E-04	5.94E-03	6.88E-04	5.94E-03	6.88E-04	3.25E-04	3.84E-05	5.84E-03	6.55E-04	6.62E-03	8.10E-04	6.62E-03	8.10E-04	5.85E-03	6.57E-04	5.94E-03	6.88E-04	5.86E-03	6.61E-04	5.85E-03	6.57E-04	5.85E-03	6.59E-04	5.85E-03	6.58E-04	2.05E-01	3.63E-02	3.39E+00	3.85E-01
845 Gridded	6.48E-03	6.82E-04	6.47E-03	6.80E-04	6.60E-03	7.21E-04	6.60E-03	7.21E-04	3.26E-04	3.68E-05	6.47E-03	6.80E-04	7.01E-03	8.48E-04	7.01E-03	8.48E-04	6.48E-03	6.82E-04	6.60E-03	7.21E-04	6.49E-03	6.87E-04	6.48E-03	6.81E-04	6.49E-03	6.85E-04	6.48E-03	6.83E-04	2.35E-01	3.54E-02	3.76E+00	3.77E-01
846 Gridded	5.90E-03	5.32E-04	5.89E-03	5.30E-04	6.05E-03	5.66E-04	6.05E-03	5.66E-04	4.27E-04	3.81E-05	5.89E-03	5.30E-04	6.98E-03	6.92E-04	6.98E-03	6.92E-04	5.90E-03	5.32E-04	6.05E-03	5.66E-04	5.92E-03	5.36E-04	5.89E-03	5.31E-04	5.91E-03	5.34E-04	5.90E-03	5.32E-04	2.60E-01	3.16E-02	3.43E+00	3.13E-01
847 Gridded	5.98E-03	5.91E-04	5.95E-03	5.89E-04	6.42E-03	6.32E-04	6.42E-03	6.32E-04	4.17E-04	3.81E-05	5.96E-03	5.89E-04	7.86E-03	7.63E-04	7.86E-03	7.63E-04	5.98E-03	5.91E-04	6.42E-03	6.32E-04	6.04E-03	5.96E-04	5.97E-03	5.90E-04	6.01E-03	5.94E-04	5.99E-03	5.92E-04	2.46E-01	2.83E-02	3.24E+00	3.54E-01
848 Gridded	7.09E-03	7.39E-04	7.07E-03	7.37E-04	7.41E-03	7.82E-04	7.41E-03	7.82E-04	4.83E-04	4.01E-05	7.08E-03	7.37E-04	8.44E-03	9.20E-04	8.44E-03	9.20E-04	7.09E-03	7.40E-04	7.41E-03	7.82E-04	7.13E-03	7.45E-04	7.09E-03	7.39E-04	7.11E-03	7.42E-04	7.10E-03	7.40E-04	2.38E-01	2.14E-02	3.81E+00	4.25E-01
849 Gridded	5.99E-03	6.60E-04	5.98E-03	6.58E-04	6.18E-03	6.90E-04	6.18E-03	6.90E-04	4.89E-04	4.39E-05	5.98E-03	6.58E-04	6.80E-03	7.90E-04	6.80E-03	7.90E-04	5.99E-03	6.60E-04	6.18E-03	6.90E-04	6.02E-03	6.64E-04	5.99E-03	6.59E-04	6.00E-03	6.62E-04	6.00E-03	6.60E-04	2.26E-01	2.60E-02	3.31E+00	3.66E-01
850 Gridded	4.85E-03	5.14E-04	4.85E-03	5.12E-04	5.04E-03	5.48E-04	5.04E-03	5.48E-04	4.37E-04	5.59E-05	4.85E-03	5.12E-04	5.79E-03	6.77E-04	5.79E-03	6.77E-04	4.85E-03	5.14E-04	5.04E-03	5.48E-04	4.86E-03	5.18E-04	4.85E-03	5.13E-04	4.86E-03	5.16E-04	4.85E-03	5.14E-04	1.90E-01	2.52E-02	2.62E+00	3.10E-01
851 Gridded	6.61E-03	8.92E-04	6.58E-03	8.88E-04	7.02E-03	9.46E-04	7.02E-03	9.46E-04	4.35E-04	5.12E-05	6.59E-03	8.89E-04	8.36E-03	1.12E-03	8.36E-03	1.12E-03	6.61E-03	8.92E-04	7.02E-03	9.46E-04	6.66E-03	8.99E-04	6.60E-03	8.91E-04	6.64E-03	8.95E-04	6.62E-03	8.93E-04	2.46E-01	3.18E-02	3.83E+00	5.25E-01
852 Gridded	7.12E-03	1.02E-03	7.09E-03	1.01E-03	7.51E-03	1.08E-03	7.51E-03	1.08E-03	4.84E-04	6.38E-05	7.10E-03	1.01E-03	8.76E-03	1.30E-03	8.76E-03	1.30E-03	7.12E-03	1.02E-03	7.51E-03	1.08E-03	7.17E-03	1.03E-03	7.11E-03	1.02E-03	7.14E-03	1.02E-03	7.12E-03	1.02E-03	2.30E-01	3.99E-02	3.86E+00	6.05E-01
853 Gridded	6.98E-03	9.24E-04	6.95E-03	9.21E-04	7.46E-03	9.79E-04	7.46E-03	9.79E-04	4.54E-04	5.24E-05	6.95E-03	9.21E-04	9.02E-03	1.16E-03	9.02E-03	1.16E-03	6.98E-03	9.25E-04	7.46E-03	9.79E-04	7.04E-03	9.31E-04	6.97E-03	9.23E-04	7.01E-03	9.28E-04	6.98E-03	9.25E-04	2.17E-01	4.17E-02	3.76E+00	5.47E-01
854 Gridded	8.07E-03	7.78E-04	8.05E-03	7.74E-04	8.44E-03	8.43E-04	8.44E-03	8.43E-04	4.21E-04	6.04E-05	8.05E-03	7.75E-04	9.63E-03	1.05E-03	9.63E-03	1.05E-03	8.07E-03	7.79E-04	8.44E-03	8.43E-04	8.12E-03	7.86E-04	8.06E-03	7.77E-04	8.09E-03	7.82E-04	8.07E-03	7.79E-04	2.14E-01	4.60E-02	4.32E+00	4.82E-01
855 Gridded	7.08E-03	9.77E-04	7.06E-03	9.72E-04	7.33E-03	1.06E-03	7.33E-03	1.06E-03	4.52E-04	7.76E-05	7.07E-03	9.73E-04	8.15E-03	1.33E-03	8.15E-03	1.33E-03	7.08E-03	9.78E-04	7.33E-03	1.06E-03	7.11E-03	9.88E-04	7.08E-03	9.76E-04	7.10E-03	9.82E-04	7.08E-03	9.78E-04	2.76E-01	5.88E-02	3.77E+00	5.99E-01
856 Gridded	5.78E-03	1.29E-03	5.76E-03	1.28E-03	6.11E-03	1.37E-03	6.11E-03	1.37E-03	3.46E-04	8.24E-05	5.77E-03	1.28E-03	7.16E-03	1.66E-03	7.16E-03	1.66E-03	5.78E-03	1.29E-03	6.11E-03	1.37E-03	5.82E-03	1.30E-03	5.78E-03	1.29E-03	5.80E-03	1.29E-03	5.79E-03	1.29E-03	2.04E-01	4.60E-02	3.32E+00	7.46E-01
857 Gridded	5.60E-03	1.14E-03	5.58E-03	1.14E-03	5.91E-03	1.20E-03	5.91E-03	1.20E-03	2.84E-04	5.51E-05	5.59E-03	1.14E-03	6.89E-03	1.39E-03	6.89E-03	1.39E-03	5.60E-03	1.14E-03	5.91E-03	1.20E-03	5.64E-03	1.15E-03	5.60E-03	1.14E-03	5.62E-03	1.14E-03	5.61E-03	1.14E-03	1.94E-01	5.09E-02	3.23E+00	6.39E-01
858 Gridded	4.61E-03	7.92E-04	4.59E-03	7.88E-04	4.86E-03	8.43E-04	4.86E-03	8.43E-04	2.36E-04	5.31E-05	4.60E-03	7.89E-04	5.68E-03	1.01E-03	5.68E-03	1.01E-03	4.61E-03	7.92E-04	4.86E-03	8.43E-04	4.64E-03	7.98E-04	4.61E-03	7.91E-04	4.63E-03	7.95E-04	4.61E-03	7.92E-04	1.72E-01	5.04E-02	2.69E+00	4.69E-01
859 Gridded	4.86E-03	9.43E-04	4.86E-03	9.38E-04	4.88E-03	1.01E-03	4.88E-03	1.01E-03	2.28E-04	7.38E-05	4.86E-03	9.39E-04	4.94E-03	1.24E-03	4.94E-03	1.24E-03	4.86E-03	9.43E-04	4.88E-03	1.01E-03	4.86E-03	9.51E-04	4.86E-03	9.41E-04	4.86E-03	9.47E-04	4.86E-03	9.43E-04	2.09E-01	6.90E-02	2.94E+00	5.89E-01
860 Gridded	5.67E-03	1.17E-03	5.67E-03	1.16E-03	5.69E-03	1.27E-03	5.69E-03	1.27E-03	2.36E-04	9.10E-05	5.67E-03	1.16E-03	5.76E-03	1.58E-03	5.76E-03	1.58E-03	5.67E-03	1.17E-03	5.69E-03	1.27E-03	5.67E-03	1.18E-03	5.67E-03	1.17E-03	5.67E-03	1.17E-03	5.67E-03	1.17E-03	1.81E-01	6.52E-02	3.30E+00	7.21E-01
861 Gridded	4.67E-03	1.34E-03	4.67E-03	1.34E-03	4.70E-03	1.44E-03	4.70E-03	1.44E-03	2.45E-04	8.95E-05	4.67E-03	1.34E-03	4.79E-03	1.75E-03	4.79E-03	1.75E-03	4.67E-03	1.34E-03	4.70E-03	1.44E-03	4.68E-03	1.35E-03	4.67E-03	1.34E-03	4.67E-03	1.35E-03	4.67E-03	1.34E-03	1.89E-01	5.84E-02	2.64E+00	7.83E-01
862 Gridded	3.66E-03	1.31E-03	3.65E-03	1.31E-03	3.96E-03	1.39E-03	3.96E-03	1.39E-03	2.86E-04	7.59E-05	3.65E-03	1.31E-03	4.93E-03	1.65E-03	4.93E-03	1.65E-03	3.67E-03	1.31E-03	3.96E-03	1.39E-03	3.70E-03	1.32E-03	3.66E-03	1.31E-03	3.68E-03	1.32E-03	3.67E-03	1.31E-03	1.99E-01	6.44E-02	2.17E+00	7.41E-01
863 Gridded	4.65E-03	1.21E-03	4.63E-03	1.21E-03	4.93E-03	1.28E-03	4.93E-03	1.28E-03	4.52E-04	6.95E-05	4.63E-03	1.21E-03	6.44E-03	1.49E-03	6.44E-03	1.49E-03	4.65E-03	1.21E-03	4.93E-03	1.28E-03	4.68E-03	1.22E-03	4.64E-03	1.21E-03	4.66E-03	1.22E-03	4.65E-03	1.21E-03	2.21E-01	6.30E-02	2.79E+00	6.83E-01
864 Gridded	7.55E-03	1.41E-03	7.51E-03	1.40E-03	8.07E-03	1.51E-03	8.07E-03	1.51E-03	4.94E-04	9.52E-05	7.52E-03	1.40E-03	9.78E-03	1.84E-03	9.78E-03	1.84E-03	7.55E-03	1.41E-03	8.07E-03	1.51E-03	7.61E-03	1.42E-03	7.53E-03	1.40E-03	7.58E-03	1.41E-03	7.55E-03	1.41E-03	2.59E-01	5.73E-02	4.63E+00	8.11E-01
865 Gridded	6.39E-03	1.85E-03	6.36E-03	1.84E-03	6.87E-03	1.97E-03	6.87E-03	1.97E-03	4.52E-04	1.13E-04	6.37E-03	1.84E-03	8.43E-03	2.35E-03	8.43E-03	2.35E-03	6.40E-03	1.85E-03	6.87E-03	1.97E-03	6.45E-03	1.86E-03	6.38E-03	1.84E-03	6.42E-03	1.85E-03	6.40E-03	1.85E-03	2.97E-01	6.07E-02	3.76E+00	1.05E+00
866 Gridded	8.62E-03	1.66E-03	8.59E-03	1.66E-03	9.13E-03	1.77E-03	9.13E-03	1.77E-03	4.75E-04	9.68E-05	8.59E-03	1.66E-03	1.08E-02	2.10E-03	1.08E-02	2.10E-03	8.62E-03	1.67E-03	9.13E-03	1.77E-03	8.68E-03	1.68E-03	8.61E-03	1.66E-03	8.65E-03	1.67E-03	8.63E-03	1.67E-03	2.53E-01	5.39E-02	4.94E+00	9.38E-01
867 Gridded	9.14E-03	1.29E-03	9.11E-03	1.29E-03	9.63E-03	1.38E-03	9.63E-03	1.38E-03	4.56E-04	7.77E-05	9.12E-03	1.29E-03	1.12E-02	1.64E-03	1.12E-02	1.64E-03	9.15E-03	1.29E-03	9.63E-03	1.38E-03	9.21E-03	1.30E-03	9.13E-03	1.29E-03	9.17E-03	1.30E-03	9.15E-03	1.29E-03	1.96E-01	4.50E-02	5.12E+00	7.51E-01
868 Gridded	5.15E-03	6.40E-04	5.13E-03	6.37E-04	5.42E-03	6.77E-04	5.42E-03	6.77E-04	2.54E-04	3.55E-05	5.13E-03	6.38E-04	6.29E-03	7.98E-04	6.29E-03	7.98E-04	5.15E-03	6.40E-04	5.42E-03	6.77E-04	5.18E-03	6.45E-04	5.14E-03	6.39E-04	5.16E-03	6.42E-04	5.15E-03	6.40E-04	9.88E-02	1.68E-02	2.86E+00	3.60E-01
869 Gridded	3.75E-03	6.62E-04	3.74E-03	6.60E-04	4.04E-03	7.01E-04	4.04E-03	7.01E-04	2.82E-04	3.72E-05	3.74E-03	6.60E-04	4.96E-03	8.25E-04	4.96E-03	8.25E-04	3.76E-03	6.63E-04	4.04E-03	7.01E-04	3.79E-03	6.67E-04	3.75E-03	6.62E-04	3.77E-03	6.65E-04	3.76E-03	6.63E-04	1.08E-01	1.61E-02	2.08E+00	3.70E-01
870 Gridded	3.40E-03	6.62E-04	3.39E-03	6.59E-04	3.57E-03	6.99E-04	3.57E-03	6.99E-04	2.95E-04	3.75E-05	3.39E-03	6.60E-04	4.10E-03	8.22E-04	4.10E-03	8.22E-04	3.40E-03	6.62E-04	3.57E-03	6.99E-04	3.42E-03	6.66E-04	3.40E-03	6.61E-04	3.41E-03	6.64E-04	3.40E-03	6.62E-04	1.17E-01	1.89E-02	1.91E+00	3.66E-01
871 Gridded	3.87E-03	6.58E-04	3.87E-03	6.55E-04	3.87E-03	6.95E-04	3.87E-03	6.95E-04	2.76E-04	3.66E-05	3.87E-03	6.56E-04	4.08E-03	8.16E-04	4.08E-03	8.16E-04	3.87E-03	6.58E-04	3.87E-03	6.95E-04	3.87E-03	6.62E-04	3.87E-03	6.57E-04	3.87E-03	6.60E-04	3.87E-03	6.58E-04	1.16E-01	2.21E-02	2.18E+00	3.61E-01
872 Gridded	4.23E-03	6.20E-04	4.23E-03	6.17E-04	4.23E-03	6.54E-04	4.23E-03	6.54E-04	2.21E-04	3.26E-05	4.23E-03	6.18E-04	4.23E-03	7.66E-04	4.23E-03	7.66E-04	4.23E-03	6.20E-04	4.23E-03	6.54E-04	4.23E-03	6.24E-04	4.23E-03	6.19E-04	4.23E-03	6.22E-04	4.23E-03	6.20E-04	1.23E-01	2.40E-02	2.41E+00	3.37E-01
873 Gridded	5.18E-03	6.08E-04	5.18E-03	6.07E-04	5.18E-03	6.29E-04	5.18E-03	6.29E-04	2.11E-04	3.32E-05	5.18E-03	6.07E-04	5.18E-03	7.14E-04	5.18E-03	7.14E-04	5.18E-03	6.08E-04	5.18E-03	6.29E-04	5.18E-03	6.11E-04	5.18E-03	6.07E-04	5.18E-03	6.09E-04	5.18E-03	6.08E-04	1.37E-01	2.37E-02	2.94E+00	3.37E-01
874 Gridded	5.43E-03	7.04E-04	5.43E-03	7.03E-04	5.43E-03	7.17E-04	5.43E-03	7.17E-04	2.47E-04	3.19E-05	5.43E-03	7.03E-04	5.43E-03	7.62E-04	5.43E-03	7.62E-04	5.43E-03	7.04E-04	5.43E-03	7.17E-04	5.43E-03	7.05E-04	5.43E-03	7.03E-04	5.43E-03	7.04E-04	5.43E-03	7.04E-04	1.24E-01	2.06E-02	3.11E+00	3.84E-01
875 Gridded	7.24E-03	9.21E-04	7.24E-03	9.20E-04	7.24E-03	9.37E-04	7.24E-03	9.37E-04	2.58E-04	3.35E-05	7.24E-03	9.20E-04	7.24E-03	9.88E-04	7.24E-03	9.88E-04	7.24E-03	9.21E-04	7.24E-03	9.37E-04	7.24E-03	9.23E-04	7.24E-03	9.20E-04	7.24E-03	9.22E-04	7.24E-03	9.21E-04	1.08E-01	1.81E-02	4.12E+00	5.07E-01
876 Gridded	8.26E-03	1.02E-03	8.26E-03	1.02E-03	8.26E-03	1.03E-03	8.26E-03	1.03E-03	2.56E-04	4.47E-05	8.26E-03	1.02E-03	8.26E-03	1.09E-03	8.26E-03	1.09E-03	8.26E-03	1.02E-03	8.26E-03	1.03E-03	8.26E-03	1.02E-03	8.26E-03	1.02E-03	8.26E-03	1.02E-03	8.26E-03	1.02E-03	1.37E-01	2.14E-02	4.74E+00	5.64E-01
877 Gridded	7.72E-03	9.51E-04	7.72E-03	9.50E-04	7.72E-03	9.64E-04	7.72E-03	9.64E-04	2.53E-04	5.35E-05	7.72E-03	9.50E-04	7.72E-03	1.03E-03	7.72E-03	1.03E-03	7.72E-03	9.51E-04	7.72E-03	9.64E-04	7.72E-03	9.52E-04	7.72E-03	9.50E-04	7.72E-03	9.51E-04	7.72E-03	9.51E-04	1.53E-01	2.55E-02	4.47E+00	5.31E-01
878 Gridded	6.42E-03	9.35E-04	6.42E-03	9.31E-04	6.42E-03	9.90E-04	6.42E-03	9.90E-04	2.73E-04	5.18E-05	6.42E-03	9.32E-04	6.42E-03	1.17E-03	6.42E-03	1.17E-03	6.42E-03	9.35E-04	6.42E-03	9.90E-04	6.42E-03	9.42E-04	6.42E-03	9.34E-04	6.42E-03	9.38E-04	6.42E-03	9.36E-04	1.53E-01	3.25E-02	3.68E+00	5.10E-01
879 Gridded	6.18E-03	9.26E-04	6.18E-03	9.23E-04	6.18E-03	9.69E-04	6.18E-03	9.69E-04	3.19E-04	4.85E-05	6.18E-03	9.23E-04	6.18E-03	1.11E-03	6.18E-03	1.11E-03	6.18E-03	9.26E-04	6.18E-03	9.69E-04	6.18E-03	9.31E-04	6.18E-03	9.25E-04	6.18E-03	9.28E-04	6.18E-03	9.26E-04	1.67E-01	3.59E-02	3.57E+00	5.02E-01
880 Gridded	6.38E-03	7.86E-04	6.37E-03	7.83E-04	6.54E-03	8.32E-04	6.54E-03	8.32E-04	3.65E-04	4.99E-05	6.37E-03	7.83E-04	7.05E-03	9.80E-04	7.05E-03	9.80E-04	6.38E-03	7.86E-04	6.54E-03	8.32E-04	6.40E-03	7.92E-04	6.38E-03	7.85E-04	6.39E-03	7.89E-04	6.39E-03	7.87E-04	1.58E-01	3.22E-02	3.55E+00	4.50E-01
881 Gridded	6.46E-03	9.12E-04	6.44E-03	9.09E-04	6.75E-03	9.69E-04	6.75E-03	9.69E-04	4.29E-04	5.33E-05	6.45E-03	9.09E-04	7.70E-03	1.15E-03	7.70E-03	1.15E-03	6.46E-03	9.13E-04	6.75E-03	9.69E-04	6.50E-03	9.19E-04	6.46E-03	9.11E-04	6.48E-03	9.16E-04	6.47E-03	9.13E-04	1.65E-01	3.23E-02	3.55E+00	5.34E-01
882 Gridded	6.06E-03	9.80E-04	6.03E-03	9.77E-04	6.39E-03	1.04E-03	6.39E-03	1.04E-03	4.33E-04	5.32E-05	6.04E-03	9.77E-04	7.58E-03	1.22E-03	7.58E-03	1.22E-03	6.06E-03	9.80E-04	6.39E-03	1.04E-03	6.10E-03	9.87E-04	6.05E-03	9.79E-04	6.08E-03	9.84E-04	6.06E-03	9.81E-04	2.44E-01	3.41E-02	3.33E+00	5.49E-01
883 Gridded	7.34E-03	7.64E-04	7.29E-03	7.61E-04	8.11E-03	8.03E-04	8.11E-03	8.03E-04	7.22E-04	5.07E-05	7.30E-03	7.62E-04	1.06E-02	9.31E-04	1.06E-02	9.31E-04	7.34E-03	7.64E-04	8.11E-03	8.03E-04	7.43E-03	7.69E-04	7.32E-03	7.63E-04	7.38E-03	7.66E-04	7.35E-03	7.64E-04	2.88E-01	3.28E-02	4.46E+00	4.20E-01
884 Gridded	1.38E-02	8.54E-04	1.38E-02	8.52E-04	1.47E-02	8.94E-04	1.47E-02	8.94E-04	8.01E-04	4.19E-05	1.38E-02	8.52E-04	1.74E-02	1.02E-03	1.74E-02	1.02E-03	1.38E-02	8.54E-04	1.47E-02	8.94E-04	1.39E-02	8.59E-04	1.38E-02	8.53E-04	1.39E-02	8.57E-04	1.38E-02	8.55E-04	2.04E-01	3.09E-02	7.73E+00	4.63E-01
885 Gridded	1.29E-02	7.40E-04	1.28E-02	7.39E-04	1.33E-02	7.55E-04	1.33E-02	7.55E-04	4.20E-04	4.25E-05	1.28E-02	7.40E-04	1.48E-02	8.95E-04	1.48E-02	8.95E-04	1.29E-02	7.40E-04	1.33E-02	7.55E-04	1.29E-02	7.42E-04	1.29E-02	7.40E-04	1.29E-02	7.41E-04	1.29E-02	7.41E-04	2.51E-01	4.32E-02	6.99E+00	4.00E-01
886 Gridded	6.36E-03	6.80E-04	6.35E-03	6.78E-04	6.60E-03	7.19E-04	6.60E-03	7.19E-04	3.86E-04	5.16E-05	6.35E-03	6.78E-04	7.50E-03	8.47E-04	7.50E-03	8.47E-04	6.36E-03	6.80E-04	6.60E-03	7.19E-04	6.39E-03	6.85E-04	6.36E-03	6.79E-04	6.37E-03	6.83E-04	6.36E-03	6.81E-04	2.59E-01	5.53E-02	3.42E+00	3.85E-01
887 Gridded	8.48E-03	8.46E-04	8.47E-03	8.41E-04	8.73E-03	9.11E-04	8.73E-03	9.11E-04	5.15E-04	6.11E-05	8.47E-03	8.42E-04	9.55E-03	1.12E-03	9.55E-03	1.12E-03	8.48E-03	8.46E-04	8.73E-03	9.11E-04	8.51E-03	8.54E-04	8.48E-03	8.44E-04	8.50E-03	8.49E-04	8.49E-03	8.46E-04	3.28E-01	5.49E-02	4.87E+00	4.94E-01
888 Gridded	8.70E-03	8.97E-04	8.67E-03	8.95E-04	9.08E-03	9.77E-04	9.08E-03	9.77E-04	5.55E-04	9.30E-05	8.67E-03	8.95E-04	1.03E-02	1.30E-03	1.03E-02	1.30E-03	8.70E-03	8.97E-04	9.08E-03	9.77E-04	8.74E-03	9.02E-04	8.69E-03	8.96E-04	8.72E-03	8.99E-04	8.70E-03	8.98E-04	2.92E-01	3.40E-02	4.89E+00	5.08E-01
889 Gridded	7.28E-03	1.23E-03	7.26E-03	1.22E-03	7.59E-03	1.33E-03	7.59E-03	1.33E-03	5.85E-04	9.11E-05	7.26E-03	1.22E-03	8.69E-03	1.64E-03	8.69E-03	1.64E-03	7.28E-03	1.23E-03	7.59E-03	1.33E-03	7.32E-03	1.24E-03	7.27E-03	1.23E-03	7.30E-03	1.24E-03	7.28E-03	1.23E-03	2.60E-01	3.68E-02	3.92E+00	6.63E-01
890 Gridded	1.03E-02	1.23E-03	1.03E-02	1.23E-03	1.04E-02	1.27E-03	1.04E-02	1.27E-03	6.42E-04	3.93E-05	1.03E-02	1.23E-03	1.11E-02	1.39E-03	1.11E-02	1.39E-03	1.03E-02	1.23E-03	1.04E-02	1.27E-03	1.03E-02	1.24E-03	1.03E-02	1.23E-03	1.03E-02	1.23E-03	1.03E-02	1.23E-03	3.50E-01	2.59E-02	5.51E+00	6.63E-01
891 Gridded	1.22E-02	7.20E-04	1.22E-02	7.18E-04	1.22E-02	7.47E-04	1.22E-02	7.47E-04	4.08E-04	4.08E-05	1.22E-02	7.18E-04	1.22E-02	8.35E-04	1.22E-02	8.35E-04	1.22E-02	7.20E-04	1.22E-02	7.47E-04	1.22E-02	7.23E-04	1.22E-02	7.19E-04	1.22E-02	7.21E-04	1.22E-02	7.20E-04	2.59E-01	2.97E-02	6.95E+00	4.10E-01
892 Gridded	7.57E-03	6.14E-04	7.54E-03	6.12E-04	7.98E-03	6.45E-04	7.98E-03	6.45E-04	4.42E-04	4.40E-05	7.55E-03	6.12E-04	9.33E-03	7.58E-04	9.33E-03	7.58E-04	7.57E-03	6.14E-04	7.98E-03	6.45E-04	7.62E-03	6.18E-04	7.56E-03	6.13E-04	7.59E-03	6.16E-04	7.57E-03	6.14E-04	2.48E-01	3.75E-02	4.34E+00	3.64E-01
893 Gridded	7.73E-03	7.66E-04	7.71E-03	7.62E-04	7.99E-03	8.20E-04	7.99E-03	8.20E-04	4.40E-04	5.15E-05	7.72E-03	7.63E-04	8.85E-03	9.98E-04	8.85E-03	9.98E-04	7.73E-03	7.66E-04	7.99E-03	8.20E-04	7.76E-03	7.72E-04	7.73E-03	7.64E-04	7.75E-03	7.69E-04	7.73E-03	7.66E-04	2.70E-01	4.09E-02	4.48E+00	4.84E-01
894 Gridded	7.67E-03	7.81E-04	7.67E-03	7.78E-04	7.70E-03	8.33E-04	7.70E-03	8.33E-04	4.14E-04	4.91E-05	7.67E-03	7.78E-04	7.80E-03	1.00E-03	7.80E-03	1.00E-03	7.67E-03	7.81E-04	7.70E-03	8.33E-04	7.67E-03	7.88E-04	7.67E-03	7.80E-04	7.67E-03	7.84E-04	7.67E-03	7.82E-04	2.69E-01	4.02E-02	4.43E+00	4.72E-01
895 Gridded	6.38E-03	6.73E-04	6.36E-03	6.70E-04	6.63E-03	7.17E-04	6.63E-03	7.17E-04	3.84E-04	4.15E-05	6.37E-03	6.71E-04	7.45E-03	8.61E-04	7.45E-03	8.61E-04	6.38E-03	6.73E-04	6.63E-03	7.17E-04	6.41E-03	6.79E-04	6.37E-03	6.72E-04	6.40E-03	6.76E-04	6.38E-03	6.74E-04	2.62E-01	4.28E-02	3.40E+00	3.92E-01
896 Gridded	6.39E-03	6.49E-04	6.37E-03	6.47E-04	6.67E-03	6.82E-04	6.67E-03	6.82E-04	4.51E-04	3.87E-05	6.37E-03	6.47E-04	7.60E-03	7.89E-04	7.60E-03	7.89E-04	6.39E-03	6.49E-04	6.67E-03	6.82E-04	6.42E-03	6.53E-04	6.38E-03	6.48E-04	6.40E-03	6.51E-04	6.39E-03	6.49E-04	2.70E-01	3.76E-02	3.68E+00	3.74E-01
897 Gridded	6.94E-03	6.20E-04	6.91E-03	6.17E-04	7.33E-03	6.57E-04	7.33E-03	6.57E-04	4.74E-04	3.96E-05	6.92E-03	6.18E-04	8.59E-03	7.78E-04	8.59E-03	7.78E-04	6.94E-03	6.20E-04	7.33E-03	6.57E-04	6.99E-03	6.25E-04	6.93E-03	6.19E-04	6.96E-03	6.22E-04	6.94E-03	6.20E-04	2.71E-01	3.17E-02	3.93E+00	3.55E-01
898 Gridded	7.33E-03	7.52E-04	7.31E-03	7.49E-04	7.70E-03	8.00E-04	7.70E-03	8.00E-04	4.80E-04	4.51E-05	7.31E-03	7.49E-04	8.91E-03	9.55E-04	8.91E-03	9.55E-04	7.33E-03	7.52E-04	7.70E-03	8.00E-04	7.38E-03	7.58E-04	7.32E-03	7.51E-04	7.35E-03	7.55E-04	7.34E-03	7.53E-04	2.25E-01	2.44E-02	3.98E+00	4.41E-01
899 Gridded	6.58E-03	7.48E-04	6.56E-03	7.45E-04	6.80E-03	7.84E-04	6.80E-03	7.84E-04	5.65E-04	3.86E-05	6.57E-03	7.46E-04	8.15E-03	9.02E-04	8.15E-03	9.02E-04	6.58E-03	7.48E-04	6.80E-03	7.84E-04	6.61E-03	7.52E-04	6.57E-03	7.47E-04	6.59E-03	7.50E-04	6.58E-03	7.48E-04	2.27E-01	2.58E-02	3.55E+00	4.19E-01
900 Gridded	5.50E-03	5.17E-04	5.48E-03	5.15E-04	5.75E-03	5.53E-04	5.75E-03	5.53E-04	4.78E-04	5.56E-05	5.48E-03	5.15E-04	6.60E-03	6.68E-04	6.60E-03	6.68E-04	5.50E-03	5.17E-04	5.75E-03	5.53E-04	5.53E-03	5.21E-04	5.49E-03	5.16E-04	5.51E-03	5.19E-04	5.50E-03	5.17E-04	2.38E-01	2.69E-02	2.97E+00	2.81E-01
901 Gridded	5.87E-03	8.27E-04	5.85E-03	8.23E-04	6.28E-03	8.81E-04	6.28E-03	8.81E-04	4.40E-04	5.10E-05	5.85E-03	8.24E-04	7.60E-03	1.06E-03	7.60E-03	1.06E-03	5.87E-03	8.27E-04	6.28E-03	8.81E-04	5.92E-03	8.33E-04	5.86E-03	8.25E-04	5.90E-03	8.30E-04	5.88E-03	8.27E-04	2.37E-01	3.26E-02	3.43E+00	4.92E-01
902 Gridded	6.84E-03	1.06E-03	6.81E-03	1.05E-03	7.23E-03	1.13E-03	7.23E-03	1.13E-03	5.41E-04	6.45E-05	6.82E-03	1.06E-03	8.51E-03	1.35E-03	8.51E-03	1.35E-03	6.84E-03	1.06E-03	7.23E-03	1.13E-03	6.89E-03	1.07E-03	6.83E-03	1.06E-03	6.86E-03	1.06E-03	6.84E-03	1.06E-03	2.41E-01	4.21E-02	3.72E+00	6.31E-01
903 Gridded	7.60E-03	1.02E-03	7.56E-03	1.02E-03	8.16E-03	1.08E-03	8.16E-03	1.08E-03	5.25E-04	6.24E-05	7.57E-03	1.02E-03	9.97E-03	1.28E-03	9.97E-03	1.28E-03	7.60E-03	1.02E-03	8.16E-03	1.08E-03	7.67E-03	1.03E-03	7.59E-03	1.02E-03	7.63E-03	1.03E-03	7.60E-03	1.02E-03	2.34E-01	4.86E-02	4.11E+00	6.10E-01
904 Gridded	8.77E-03	9.23E-04	8.74E-03	9.18E-04	9.19E-03	9.95E-04	9.19E-03	9.95E-04	4.47E-04	6.81E-05	8.75E-03	9.19E-04	1.05E-02	1.23E-03	1.05E-02	1.23E-03	8.77E-03	9.23E-04	9.19E-03	9.95E-04	8.82E-03	9.32E-04	8.76E-03	9.21E-04	8.79E-03	9.27E-04	8.77E-03	9.24E-04	2.31E-01	5.57E-02	4.69E+00	5.68E-01
905 Gridded	7.65E-03	1.20E-03	7.63E-03	1.19E-03	7.92E-03	1.29E-03	7.92E-03	1.29E-03	4.90E-04	9.02E-05	7.63E-03	1.19E-03	8.83E-03	1.60E-03	8.83E-03	1.60E-03	7.65E-03	1.20E-03	7.92E-03	1.29E-03	7.68E-03	1.21E-03	7.64E-03	1.19E-03	7.66E-03	1.20E-03	7.65E-03	1.20E-03	2.96E-01	6.27E-02	4.08E+00	7.19E-01
906 Gridded	6.35E-03	1.53E-03	6.32E-03	1.53E-03	6.72E-03	1.63E-03	6.72E-03	1.63E-03	3.64E-04	8.65E-05	6.33E-03	1.53E-03	7.94E-03	1.92E-03	7.94E-03	1.92E-03	6.35E-03	1.53E-03	6.72E-03	1.63E-03	6.39E-03	1.55E-03	6.34E-03	1.53E-03	6.37E-03	1.54E-03	6.35E-03	1.54E-03	2.34E-01	5.45E-02	3.66E+00	8.75E-01
907 Gridded	5.91E-03	1.04E-03	5.88E-03	1.04E-03	6.23E-03	1.09E-03	6.23E-03	1.09E-03	3.06E-04	6.42E-05	5.89E-03	1.04E-03	7.29E-03	1.31E-03	7.29E-03	1.31E-03	5.91E-03	1.04E-03	6.23E-03	1.09E-03	5.95E-03	1.05E-03	5.90E-03	1.04E-03	5.93E-03	1.05E-03	5.91E-03	1.04E-03	2.19E-01	5.93E-02	3.40E+00	6.10E-01
908 Gridded	5.02E-03	1.07E-03	5.00E-03	1.06E-03	5.29E-03	1.15E-03	5.29E-03	1.15E-03	2.54E-04	7.91E-05	5.01E-03	1.06E-03	6.16E-03	1.42E-03	6.16E-03	1.42E-03	5.02E-03	1.07E-03	5.29E-03	1.15E-03	5.05E-03	1.08E-03	5.01E-03	1.07E-03	5.04E-03	1.07E-03	5.02E-03	1.07E-03	2.34E-01	7.59E-02	2.92E+00	6.74E-01
909 Gridded	3.76E-03	1.06E-03	3.75E-03	1.05E-03	3.97E-03	1.15E-03	3.97E-03	1.15E-03	2.08E-04	8.56E-05	3.75E-03	1.05E-03	4.63E-03	1.44E-03	4.63E-03	1.44E-03	3.76E-03	1.06E-03	3.97E-03	1.15E-03	3.79E-03	1.07E-03	3.76E-03	1.05E-03	3.77E-03	1.06E-03	3.76E-03	1.06E-03	1.77E-01	6.59E-02	2.27E+00	6.61E-01
910 Gridded	4.98E-03	1.44E-03	4.98E-03	1.43E-03	5.02E-03	1.54E-03	5.02E-03	1.54E-03	2.48E-04	9.64E-05	4.98E-03	1.44E-03	5.15E-03	1.88E-03	5.15E-03	1.88E-03	4.98E-03	1.44E-03	5.02E-03	1.54E-03	4.98E-03	1.45E-03	4.98E-03	1.44E-03	4.98E-03	1.45E-03	4.98E-03	1.44E-03	2.05E-01	6.61E-02	2.92E+00	8.44E-01
911 Gridded	4.38E-03	1.36E-03	4.38E-03	1.35E-03	4.44E-03	1.44E-03	4.44E-03	1.44E-03	2.81E-04	7.81E-05	4.38E-03	1.35E-03	4.91E-03	1.71E-03	4.91E-03	1.71E-03	4.38E-03	1.36E-03	4.44E-03	1.44E-03	4.39E-03	1.37E-03	4.38E-03	1.35E-03	4.38E-03	1.36E-03	4.38E-03	1.36E-03	1.86E-01	6.83E-02	2.53E+00	7.68E-01
912 Gridded	3.43E-03	9.51E-04	3.42E-03	9.48E-04	3.65E-03	1.00E-03	3.65E-03	1.00E-03	3.54E-04	5.54E-05	3.42E-03	9.48E-04	4.36E-03	1.17E-03	4.36E-03	1.17E-03	3.43E-03	9.51E-04	3.65E-03	1.00E-03	3.46E-03	9.58E-04	3.43E-03	9.50E-04	3.45E-03	9.54E-04	3.44E-03	9.52E-04	1.81E-01	5.25E-02	1.94E+00	5.32E-01
913 Gridded	3.81E-03	8.98E-04	3.81E-03	8.93E-04	3.84E-03	9.68E-04	3.84E-03	9.68E-04	3.62E-04	6.76E-05	3.81E-03	8.94E-04	4.75E-03	1.19E-03	4.75E-03	1.19E-03	3.81E-03	8.98E-04	3.84E-03	9.68E-04	3.82E-03	9.07E-04	3.81E-03	8.96E-04	3.81E-03	9.02E-04	3.81E-03	8.99E-04	2.86E-01	5.15E-02	2.30E+00	5.56E-01
914 Gridded	4.93E-03	1.26E-03	4.92E-03	1.25E-03	4.95E-03	1.35E-03	4.95E-03	1.35E-03	3.61E-04	8.64E-05	4.92E-03	1.25E-03	5.91E-03	1.65E-03	5.91E-03	1.65E-03	4.93E-03	1.26E-03	4.95E-03	1.35E-03	4.93E-03	1.27E-03	4.92E-03	1.26E-03	4.93E-03	1.26E-03	4.93E-03	1.26E-03	2.98E-01	6.18E-02	2.86E+00	7.49E-01
915 Gridded	7.67E-03	1.76E-03	7.64E-03	1.75E-03	8.18E-03	1.88E-03	8.18E-03	1.88E-03	4.82E-04	1.08E-04	7.64E-03	1.76E-03	9.85E-03	2.25E-03	9.85E-03	2.25E-03	7.67E-03	1.76E-03	8.18E-03	1.88E-03	7.73E-03	1.78E-03	7.66E-03	1.76E-03	7.70E-03	1.77E-03	7.68E-03	1.76E-03	3.19E-01	6.68E-02	4.50E+00	1.03E+00
916 Gridded	1.18E-02	1.75E-03	1.18E-02	1.74E-03	1.25E-02	1.85E-03	1.25E-02	1.85E-03	6.54E-04	9.70E-05	1.18E-02	1.74E-03	1.48E-02	2.19E-03	1.48E-02	2.19E-03	1.18E-02	1.75E-03	1.25E-02	1.85E-03	1.19E-02	1.76E-03	1.18E-02	1.75E-03	1.18E-02	1.75E-03	1.18E-02	1.75E-03	2.96E-01	5.60E-02	6.75E+00	1.00E+00
917 Gridded	1.11E-02	1.24E-03	1.11E-02	1.23E-03	1.17E-02	1.31E-03	1.17E-02	1.31E-03	5.69E-04	6.69E-05	1.11E-02	1.23E-03	1.37E-02	1.54E-03	1.37E-02	1.54E-03	1.11E-02	1.24E-03	1.17E-02	1.31E-03	1.12E-02	1.25E-03	1.11E-02	1.24E-03	1.12E-02	1.24E-03	1.11E-02	1.24E-03	2.42E-01	5.77E-02	6.21E+00	7.08E-01
918 Gridded	6.47E-03	8.49E-04	6.45E-03	8.46E-04	6.80E-03	8.97E-04	6.80E-03	8.97E-04	3.53E-04	5.37E-05	6.45E-03	8.46E-04	7.88E-03	1.05E-03	7.88E-03	1.05E-03	6.47E-03	8.49E-04	6.80E-03	8.97E-04	6.51E-03	8.55E-04	6.46E-03	8.48E-04	6.49E-03	8.52E-04	6.48E-03	8.49E-04	1.83E-01	5.90E-02	3.56E+00	4.90E-01
919 Gridded	8.13E-03	5.81E-04	8.11E-03	5.80E-04	8.37E-03	6.10E-04	8.37E-03	6.10E-04	2.34E-04	3.57E-05	8.11E-03	5.80E-04	9.18E-03	7.13E-04	9.18E-03	7.13E-04	8.13E-03	5.82E-04	8.37E-03	6.10E-04	8.16E-03	5.85E-04	8.12E-03	5.81E-04	8.14E-03	5.83E-04	8.13E-03	5.82E-04	1.67E-01	2.03E-02	4.60E+00	3.25E-01
920 Gridded	7.91E-03	6.26E-04	7.89E-03	6.24E-04	8.19E-03	6.64E-04	8.19E-03	6.64E-04	2.69E-04	4.02E-05	7.89E-03	6.24E-04	9.12E-03	7.86E-04	9.12E-03	7.86E-04	7.91E-03	6.26E-04	8.19E-03	6.64E-04	7.94E-03	6.31E-04	7.90E-03	6.25E-04	7.93E-03	6.29E-04	7.91E-03	6.27E-04	1.54E-01	2.02E-02	4.46E+00	3.57E-01
921 Gridded	6.32E-03	6.79E-04	6.30E-03	6.77E-04	6.64E-03	7.19E-04	6.64E-03	7.19E-04	2.98E-04	4.39E-05	6.31E-03	6.77E-04	7.67E-03	8.50E-04	7.67E-03	8.50E-04	6.32E-03	6.80E-04	6.64E-03	7.19E-04	6.36E-03	6.84E-04	6.32E-03	6.79E-04	6.34E-03	6.82E-04	6.33E-03	6.80E-04	1.17E-01	1.94E-02	3.55E+00	3.85E-01
922 Gridded	4.01E-03	7.04E-04	3.99E-03	7.01E-04	4.32E-03	7.45E-04	4.32E-03	7.45E-04	3.03E-04	4.45E-05	3.99E-03	7.02E-04	5.34E-03	8.78E-04	5.34E-03	8.78E-04	4.01E-03	7.04E-04	4.32E-03	7.45E-04	4.05E-03	7.09E-04	4.00E-03	7.03E-04	4.03E-03	7.07E-04	4.01E-03	7.05E-04	1.21E-01	1.87E-02	2.24E+00	3.96E-01
923 Gridded	3.52E-03	7.04E-04	3.51E-03	7.01E-04	3.67E-03	7.45E-04	3.67E-03	7.45E-04	3.12E-04	4.24E-05	3.52E-03	7.02E-04	4.13E-03	8.76E-04	4.13E-03	8.76E-04	3.52E-03	7.04E-04	3.67E-03	7.45E-04	3.54E-03	7.09E-04	3.52E-03	7.03E-04	3.53E-03	7.07E-04	3.53E-03	7.05E-04	1.25E-01	2.27E-02	1.97E+00	3.93E-01
924 Gridded	3.71E-03	6.91E-04	3.71E-03	6.88E-04	3.72E-03	7.30E-04	3.72E-03	7.30E-04	2.87E-04	3.90E-05	3.71E-03	6.88E-04	4.09E-03	8.58E-04	4.09E-03	8.58E-04	3.71E-03	6.91E-04	3.72E-03	7.30E-04	3.71E-03	6.96E-04	3.71E-03	6.90E-04	3.71E-03	6.93E-04	3.71E-03	6.91E-04	1.22E-01	2.59E-02	2.10E+00	3.82E-01
925 Gridded	4.81E-03	6.74E-04	4.81E-03	6.71E-04	4.81E-03	7.11E-04	4.81E-03	7.11E-04	2.42E-04	3.58E-05	4.81E-03	6.72E-04	4.81E-03	8.34E-04	4.81E-03	8.34E-04	4.81E-03	6.74E-04	4.81E-03	7.11E-04	4.81E-03	6.78E-04	4.81E-03	6.73E-04	4.81E-03	6.76E-04	4.81E-03	6.74E-04	1.31E-01	2.75E-02	2.76E+00	3.71E-01
926 Gridded	5.10E-03	6.66E-04	5.10E-03	6.66E-04	5.10E-03	6.78E-04	5.10E-03	6.78E-04	1.99E-04	3.55E-05	5.10E-03	6.66E-04	5.10E-03	7.67E-04	5.10E-03	7.67E-04	5.10E-03	6.66E-04	5.10E-03	6.78E-04	5.10E-03	6.68E-04	5.10E-03	6.66E-04	5.10E-03	6.67E-04	5.10E-03	6.66E-04	1.29E-01	2.62E-02	2.83E+00	3.63E-01
927 Gridded	7.49E-03	9.51E-04	7.49E-03	9.50E-04	7.49E-03	9.66E-04	7.49E-03	9.66E-04	2.09E-04	3.50E-05	7.49E-03	9.50E-04	7.49E-03	1.01E-03	7.49E-03	1.01E-03	7.49E-03	9.51E-04	7.49E-03	9.66E-04	7.49E-03	9.53E-04	7.49E-03	9.50E-04	7.49E-03	9.52E-04	7.49E-03	9.51E-04	1.22E-01	2.22E-02	4.19E+00	5.21E-01
928 Gridded	9.53E-03	1.18E-03	9.53E-03	1.18E-03	9.53E-03	1.19E-03	9.53E-03	1.19E-03	2.32E-04	4.05E-05	9.53E-03	1.18E-03	9.53E-03	1.25E-03	9.53E-03	1.25E-03	9.53E-03	1.18E-03	9.53E-03	1.19E-03	9.53E-03	1.18E-03	9.53E-03	1.18E-03	9.53E-03	1.18E-03	9.53E-03	1.18E-03	1.13E-01	2.10E-02	5.37E+00	6.48E-01
929 Gridded	1.00E-02	1.20E-03	1.00E-02	1.20E-03	1.00E-02	1.22E-03	1.00E-02	1.22E-03	2.42E-04	5.11E-05	1.00E-02	1.20E-03	1.00E-02	1.27E-03	1.00E-02	1.27E-03	1.00E-02	1.20E-03	1.00E-02	1.22E-03	1.00E-02	1.21E-03	1.00E-02	1.20E-03	1.00E-02	1.21E-03	1.00E-02	1.20E-03	1.19E-01	2.42E-02	5.70E+00	6.69E-01
930 Gridded	9.58E-03	1.11E-03	9.58E-03	1.11E-03	9.58E-03	1.12E-03	9.58E-03	1.12E-03	2.52E-04	5.93E-05	9.58E-03	1.11E-03	9.58E-03	1.20E-03	9.58E-03	1.20E-03	9.58E-03	1.11E-03	9.58E-03	1.12E-03	9.58E-03	1.11E-03	9.58E-03	1.11E-03	9.58E-03	1.11E-03	9.58E-03	1.11E-03	1.60E-01	3.25E-02	5.54E+00	6.24E-01
931 Gridded	7.74E-03	1.04E-03	7.74E-03	1.04E-03	7.74E-03	1.10E-03	7.74E-03	1.10E-03	3.13E-04	5.78E-05	7.74E-03	1.04E-03	7.74E-03	1.28E-03	7.74E-03	1.28E-03	7.74E-03	1.04E-03	7.74E-03	1.10E-03	7.74E-03	1.05E-03	7.74E-03	1.04E-03	7.74E-03	1.05E-03	7.74E-03	1.05E-03	1.78E-01	3.95E-02	4.46E+00	5.68E-01
932 Gridded	6.41E-03	8.92E-04	6.41E-03	8.90E-04	6.52E-03	9.31E-04	6.52E-03	9.31E-04	3.69E-04	5.02E-05	6.41E-03	8.90E-04	7.02E-03	1.06E-03	7.02E-03	1.06E-03	6.41E-03	8.92E-04	6.52E-03	9.31E-04	6.41E-03	8.97E-04	6.41E-03	8.92E-04	6.41E-03	8.95E-04	6.41E-03	8.93E-04	1.75E-01	3.85E-02	3.73E+00	4.85E-01
933 Gridded	6.69E-03	8.86E-04	6.67E-03	8.82E-04	6.97E-03	9.43E-04	6.97E-03	9.43E-04	4.17E-04	5.38E-05	6.67E-03	8.82E-04	7.90E-03	1.13E-03	7.90E-03	1.13E-03	6.69E-03	8.86E-04	6.97E-03	9.43E-04	6.73E-03	8.93E-04	6.68E-03	8.84E-04	6.71E-03	8.89E-04	6.69E-03	8.86E-04	1.65E-01	3.45E-02	3.74E+00	5.35E-01

Scenario 2 Results

934	Gridded	6.58E-03	9.51E-04	6.57E-03	9.47E-04	6.84E-03	1.01E-03	6.84E-03	1.01E-03	4.40E-04	5.32E-05	6.57E-03	9.48E-04	7.69E-03	1.19E-03	7.69E-03	1.19E-03	6.58E-03	9.51E-04	6.84E-03	1.01E-03	6.62E-03	9.58E-04	6.58E-03	9.50E-04	6.60E-03	9.55E-04	6.59E-03	9.52E-04	2.41E-01	3.62E-02	3.65E+00	5.44E-01
935	Gridded	7.56E-03	8.32E-04	7.54E-03	8.29E-04	7.76E-03	8.76E-04	7.76E-03	8.76E-04	6.43E-04	4.32E-05	7.54E-03	8.29E-04	8.97E-03	1.02E-03	8.97E-03	1.02E-03	7.56E-03	8.32E-04	7.76E-03	8.76E-04	7.58E-03	8.37E-04	7.55E-03	8.31E-04	7.57E-03	8.34E-04	7.56E-03	8.32E-04	2.87E-01	3.37E-02	4.02E+00	4.60E-01
936	Gridded	1.33E-02	8.80E-04	1.33E-02	8.78E-04	1.42E-02	9.13E-04	1.42E-02	9.13E-04	8.11E-04	4.70E-05	1.33E-02	8.79E-04	1.70E-02	1.02E-03	1.70E-02	1.02E-03	1.33E-02	8.81E-04	1.42E-02	9.13E-04	1.34E-02	8.85E-04	1.33E-02	8.80E-04	1.34E-02	8.82E-04	1.33E-02	8.81E-04	2.17E-01	3.45E-02	7.51E+00	4.79E-01
937	Gridded	1.36E-02	8.27E-04	1.36E-02	8.25E-04	1.41E-02	8.59E-04	1.41E-02	8.59E-04	4.75E-04	4.69E-05	1.36E-02	8.25E-04	1.58E-02	9.99E-04	1.58E-02	9.99E-04	1.36E-02	8.27E-04	1.41E-02	8.59E-04	1.37E-02	8.31E-04	1.36E-02	8.27E-04	1.37E-02	8.29E-04	1.36E-02	8.28E-04	2.82E-01	5.09E-02	7.43E+00	4.64E-01
938	Gridded	6.67E-03	7.26E-04	6.65E-03	7.24E-04	7.04E-03	7.68E-04	7.04E-03	7.68E-04	4.27E-04	6.38E-05	6.65E-03	7.24E-04	8.25E-03	9.36E-04	8.25E-03	9.36E-04	6.67E-03	7.26E-04	7.04E-03	7.68E-04	6.72E-03	7.31E-04	6.66E-03	7.25E-04	6.69E-03	7.29E-04	6.67E-03	7.27E-04	2.84E-01	6.48E-02	3.73E+00	4.30E-01
939	Gridded	9.75E-03	9.19E-04	9.73E-03	9.15E-04	1.01E-02	9.78E-04	1.01E-02	9.78E-04	5.31E-04	7.62E-05	9.74E-03	9.16E-04	1.12E-02	1.17E-03	1.12E-02	1.17E-03	9.75E-03	9.20E-04	1.01E-02	9.78E-04	9.79E-03	9.27E-04	9.75E-03	9.18E-04	9.77E-03	9.23E-04	9.76E-03	9.20E-04	3.37E-01	5.16E-02	5.62E+00	5.27E-01
940	Gridded	6.74E-03	1.06E-03	6.71E-03	1.05E-03	7.20E-03	1.16E-03	7.20E-03	1.16E-03	6.42E-04	9.44E-05	6.72E-03	1.05E-03	8.70E-03	1.48E-03	8.70E-03	1.48E-03	6.74E-03	1.06E-03	7.20E-03	1.16E-03	6.80E-03	1.07E-03	6.73E-03	1.05E-03	6.77E-03	1.06E-03	6.75E-03	1.06E-03	2.90E-01	4.02E-02	4.11E+00	6.17E-01
941	Gridded	1.00E-02	1.43E-03	1.00E-02	1.43E-03	1.04E-02	1.50E-03	1.04E-02	1.50E-03	6.46E-04	6.22E-05	1.00E-02	1.43E-03	1.15E-02	1.71E-03	1.15E-02	1.71E-03	1.00E-02	1.43E-03	1.04E-02	1.50E-03	1.01E-02	1.44E-03	1.00E-02	1.43E-03	1.01E-02	1.44E-03	1.00E-02	1.43E-03	3.76E-01	2.73E-02	5.45E+00	7.74E-01
942	Gridded	1.24E-02	9.72E-04	1.24E-02	9.70E-04	1.24E-02	1.00E-03	1.24E-02	1.00E-03	4.50E-04	4.20E-05	1.24E-02	9.70E-04	1.35E-02	1.11E-03	1.35E-02	1.11E-03	1.24E-02	9.72E-04	1.24E-02	1.00E-03	1.24E-02	9.76E-04	1.24E-02	9.71E-04	1.24E-02	9.74E-04	1.24E-02	9.72E-04	3.15E-01	3.71E-02	7.26E+00	5.50E-01
943	Gridded	9.00E-03	6.42E-04	8.96E-03	6.39E-04	9.50E-03	6.77E-04	9.50E-03	6.77E-04	4.96E-04	4.93E-05	8.97E-03	6.40E-04	1.11E-02	7.91E-04	1.11E-02	7.91E-04	9.00E-03	6.42E-04	9.50E-03	6.77E-04	9.06E-03	6.46E-04	8.98E-03	6.41E-04	9.03E-03	6.44E-04	9.00E-03	6.42E-04	2.87E-01	4.60E-02	5.18E+00	3.70E-01
944	Gridded	8.90E-03	8.96E-04	8.89E-03	8.92E-04	9.19E-03	9.62E-04	9.19E-03	9.62E-04	5.13E-04	6.20E-05	8.89E-03	8.92E-04	1.01E-02	1.18E-03	1.01E-02	1.18E-03	8.91E-03	8.96E-04	9.19E-03	9.62E-04	8.94E-03	9.04E-04	8.90E-03	8.95E-04	8.92E-03	9.00E-04	8.91E-03	8.97E-04	3.23E-01	5.12E-02	5.18E+00	5.73E-01
945	Gridded	8.36E-03	9.08E-04	8.36E-03	9.04E-04	8.38E-03	9.69E-04	8.38E-03	9.69E-04	4.78E-04	5.78E-05	8.36E-03	9.04E-04	8.44E-03	1.17E-03	8.44E-03	1.17E-03	8.36E-03	9.08E-04	8.38E-03	9.69E-04	8.36E-03	9.15E-04	8.36E-03	9.06E-04	8.36E-03	9.11E-04	8.36E-03	9.09E-04	3.09E-01	5.26E-02	4.87E+00	5.50E-01
946	Gridded	7.34E-03	8.00E-04	7.32E-03	7.97E-04	7.64E-03	8.50E-04	7.64E-03	8.50E-04	4.75E-04	4.75E-05	7.32E-03	7.97E-04	8.63E-03	1.01E-03	8.63E-03	1.01E-03	7.34E-03	8.00E-04	7.64E-03	8.50E-04	7.38E-03	8.06E-04	7.33E-03	7.99E-04	7.36E-03	8.03E-04	7.34E-03	8.00E-04	3.19E-01	5.09E-02	3.87E+00	4.61E-01
947	Gridded	7.99E-03	7.11E-04	7.97E-03	7.08E-04	8.37E-03	7.48E-04	8.37E-03	7.48E-04	5.76E-04	4.71E-05	7.97E-03	7.09E-04	9.59E-03	8.70E-04	9.59E-03	8.70E-04	7.99E-03	7.11E-04	8.37E-03	7.48E-04	8.04E-03	7.15E-04	7.99E-03	7.10E-04	8.02E-03	7.13E-04	8.00E-03	7.11E-04	3.30E-01	3.92E-02	4.51E+00	4.24E-01
948	Gridded	8.35E-03	7.54E-04	8.31E-03	7.50E-04	8.84E-03	8.09E-04	8.84E-03	8.09E-04	4.64E-04	5.16E-05	8.32E-03	7.51E-04	1.04E-02	9.87E-04	1.04E-02	9.87E-04	8.35E-03	7.54E-04	8.84E-03	8.09E-04	8.41E-03	7.61E-04	8.34E-03	7.53E-04	8.38E-03	7.57E-04	8.35E-03	7.55E-04	2.52E-01	3.30E-02	4.75E+00	4.61E-01
949	Gridded	7.78E-03	8.66E-04	7.76E-03	8.63E-04	8.04E-03	9.13E-04	8.04E-03	9.13E-04	5.71E-04	4.38E-05	7.76E-03	8.64E-04	9.99E-03	1.06E-03	9.99E-03	1.06E-03	7.78E-03	8.66E-04	8.04E-03	9.13E-04	7.81E-03	8.72E-04	7.77E-03	8.65E-04	7.79E-03	8.69E-04	7.78E-03	8.67E-04	2.39E-01	2.61E-02	4.26E+00	4.94E-01
950	Gridded	5.89E-03	5.94E-04	5.87E-03	5.92E-04	6.49E-03	6.19E-04	6.49E-03	6.19E-04	5.72E-04	5.29E-05	5.87E-03	5.93E-04	8.46E-03	7.02E-04	8.46E-03	7.02E-04	5.89E-03	5.94E-04	6.49E-03	6.19E-04	5.96E-03	5.97E-04	5.88E-03	5.93E-04	5.92E-03	5.96E-04	5.89E-03	5.94E-04	2.79E-01	2.89E-02	3.37E+00	3.29E-01
951	Gridded	5.69E-03	8.10E-04	5.68E-03	8.07E-04	6.11E-03	8.67E-04	6.11E-03	8.67E-04	4.55E-04	5.32E-05	5.68E-03	8.07E-04	7.48E-03	1.05E-03	7.48E-03	1.05E-03	5.69E-03	8.11E-04	6.11E-03	8.67E-04	5.74E-03	8.17E-04	5.69E-03	8.09E-04	5.71E-03	8.14E-04	5.69E-03	8.11E-04	2.36E-01	3.46E-02	3.35E+00	4.88E-01
952	Gridded	6.11E-03	1.07E-03	6.08E-03	1.06E-03	6.49E-03	1.14E-03	6.49E-03	1.14E-03	5.56E-04	6.51E-05	6.09E-03	1.06E-03	7.71E-03	1.36E-03	7.71E-03	1.36E-03	6.11E-03	1.07E-03	6.49E-03	1.14E-03	6.15E-03	1.08E-03	6.10E-03	1.07E-03	6.13E-03	1.07E-03	6.11E-03	1.07E-03	2.45E-01	4.35E-02	3.33E+00	6.38E-01
953	Gridded	8.27E-03	1.02E-03	8.23E-03	1.01E-03	8.86E-03	1.08E-03	8.86E-03	1.08E-03	5.54E-04	6.80E-05	8.24E-03	1.01E-03	1.08E-02	1.29E-03	1.08E-02	1.29E-03	8.27E-03	1.02E-03	8.86E-03	1.08E-03	8.34E-03	1.02E-03	8.26E-03	1.01E-03	8.31E-03	1.02E-03	8.28E-03	1.02E-03	2.63E-01	5.28E-02	4.48E+00	6.14E-01
954	Gridded	9.49E-03	1.12E-03	9.46E-03	1.11E-03	9.93E-03	1.20E-03	9.93E-03	1.20E-03	4.94E-04	8.11E-05	9.46E-03	1.12E-03	1.14E-02	1.47E-03	1.14E-02	1.47E-03	9.49E-03	1.12E-03	9.93E-03	1.20E-03	9.54E-03	1.13E-03	9.48E-03	1.12E-03	9.51E-03	1.12E-03	9.49E-03	1.12E-03	2.72E-01	6.84E-02	5.10E+00	6.82E-01
955	Gridded	7.98E-03	1.51E-03	7.96E-03	1.50E-03	8.28E-03	1.62E-03	8.28E-03	1.62E-03	5.43E-04	1.04E-04	7.96E-03	1.50E-03	9.25E-03	1.97E-03	9.25E-03	1.97E-03	7.98E-03	1.51E-03	8.28E-03	1.62E-03	8.02E-03	1.52E-03	7.97E-03	1.50E-03	8.00E-03	1.51E-03	7.98E-03	1.51E-03	3.06E-01	6.52E-02	4.28E+00	8.87E-01
956	Gridded	6.93E-03	1.71E-03	6.91E-03	1.70E-03	7.27E-03	1.80E-03	7.27E-03	1.80E-03	4.00E-04	8.27E-05	6.91E-03	1.70E-03	8.37E-03	2.08E-03	8.37E-03	2.08E-03	6.93E-03	1.71E-03	7.27E-03	1.80E-03	6.97E-03	1.72E-03	6.92E-03	1.71E-03	6.95E-03	1.71E-03	6.94E-03	1.71E-03	2.67E-01	7.33E-02	3.90E+00	9.60E-01
957	Gridded	5.96E-03	1.24E-03	5.94E-03	1.24E-03	6.31E-03	1.32E-03	6.31E-03	1.32E-03	3.25E-04	8.96E-05	5.94E-03	1.24E-03	7.43E-03	1.57E-03	7.43E-03	1.57E-03	5.96E-03	1.24E-03	6.31E-03	1.32E-03	6.01E-03	1.25E-03	5.96E-03	1.24E-03	5.98E-03	1.25E-03	5.97E-03	1.24E-03	2.64E-01	8.33E-02	3.43E+00	7.51E-01
958	Gridded	5.09E-03	1.33E-03	5.07E-03	1.33E-03	5.37E-03	1.45E-03	5.37E-03	1.45E-03	2.81E-04	1.09E-04	5.07E-03	1.33E-03	6.28E-03	1.83E-03	6.28E-03	1.83E-03	5.09E-03	1.34E-03	5.37E-03	1.45E-03	5.12E-03	1.35E-03	5.08E-03	1.33E-03	5.11E-03	1.34E-03	5.09E-03	1.34E-03	2.39E-01	8.66E-02	2.94E+00	8.43E-01
959	Gridded	4.63E-03	1.57E-03	4.63E-03	1.57E-03	4.68E-03	1.69E-03	4.68E-03	1.69E-03	2.71E-04	1.06E-04	4.63E-03	1.57E-03	5.19E-03	2.05E-03	5.19E-03	2.05E-03	4.63E-03	1.57E-03	4.68E-03	1.69E-03	4.64E-03	1.59E-03	4.63E-03	1.57E-03	4.64E-03	1.58E-03	4.63E-03	1.57E-03	2.25E-01	7.47E-02	2.77E+00	9.24E-01
960	Gridded	3.91E-03	1.21E-03	3.90E-03	1.20E-03	3.99E-03	1.28E-03	3.99E-03	1.28E-03	2.42E-04	7.00E-05	3.90E-03	1.20E-03	4.42E-03	1.52E-03	4.42E-03	1.52E-03	3.91E-03	1.21E-03	3.99E-03	1.28E-03	3.92E-03	1.22E-03	3.91E-03	1.20E-03	3.91E-03	1.21E-03	3.91E-03	1.21E-03	1.79E-01	6.29E-02	2.29E+00	6.85E-01
961	Gridded	3.72E-03	8.92E-04	3.70E-03	8.89E-04	3.92E-03	9.40E-04	3.92E-03	9.40E-04	3.32E-04	6.11E-05	3.71E-03	8.90E-04	4.57E-03	1.09E-03	4.57E-03	1.09E-03	3.72E-03	8.93E-04	3.92E-03	9.40E-04	3.74E-03	8.98E-04	3.71E-03	8.91E-04	3.73E-03	8.95E-04	3.72E-03	8.93E-04	1.78E-01	5.25E-02	2.09E+00	5.15E-01
962	Gridded	4.11E-03	9.34E-04	4.10E-03	9.29E-04	4.33E-03	1.01E-03	4.33E-03	1.01E-03	3.19E-04	6.98E-05	4.10E-03	9.30E-04	5.04E-03	1.25E-03	5.04E-03	1.25E-03	4.11E-03	9.34E-04	4.33E-03	1.01E-03	4.14E-03	9.43E-04	4.11E-03	9.33E-04	4.13E-03	9.39E-04	4.12E-03	9.35E-04	2.37E-01	5.73E-02	2.30E+00	5.80E-01
963	Gridded	5.45E-03	9.72E-04	5.45E-03	9.67E-04	5.51E-03	1.05E-03	5.51E-03	1.05E-03	2.80E-04	6.92E-05	5.45E-03	9.68E-04	5.71E-03	1.28E-03	5.71E-03	1.28E-03	5.45E-03	9.72E-04	5.51E-03	1.05E-03	5.46E-03	9.81E-04	5.45E-03	9.71E-04	5.45E-03	9.77E-04	5.45E-03	9.73E-04	2.76E-01	5.47E-02	3.13E+00	5.92E-01
964	Gridded	6.41E-03	9.63E-04	6.41E-03	9.58E-04	6.47E-03	1.03E-03	6.47E-03	1.03E-03	2.78E-04	6.44E-05	6.41E-03	9.59E-04	6.65E-03	1.25E-03	6.65E-03	1.25E-03	6.41E-03	9.63E-04	6.47E-03	1.03E-03	6.42E-03	9.71E-04	6.41E-03	9.61E-04	6.42E-03	9.67E-04	6.41E-03	9.64E-04	2.80E-01	4.99E-02	3.61E+00	5.77E-01
965	Gridded	7.12E-03	9.61E-04	7.09E-03	9.56E-04	7.53E-03	1.02E-03	7.53E-03	1.02E-03	4.32E-04	5.93E-05	7.09E-03	9.57E-04	8.96E-03	1.23E-03	8.96E-03	1.23E-03	7.12E-03	9.61E-04	7.53E-03	1.02E-03	7.17E-03	9.69E-04	7.11E-03	9.59E-04	7.14E-03	9.64E-04	7.12E-03	9.61E-04	2.43E-01	5.62E-02	4.13E+00	5.64E-01
966	Gridded	1.24E-02	8.74E-04	1.24E-02	8.70E-04	1.32E-02	9.26E-04	1.32E-02	9.26E-04	6.89E-04	5.60E-05	1.24E-02	8.71E-04	1.55E-02	1.10E-03	1.55E-02	1.10E-03	1.24E-02	8.74E-04	1.32E-02	9.26E-04	1.25E-02	8.80E-04	1.24E-02	8.72E-04	1.25E-02	8.77E-04	1.24E-02	8.74E-04	3.11E-01	6.80E-02	7.09E+00	5.04E-01
967	Gridded	1.19E-02	9.18E-04	1.19E-02	9.14E-04	1.26E-02	9.74E-04	1.26E-02	9.74E-04	6.08E-04	6.31E-05	1.19E-02	9.15E-04	1.47E-02	1.16E-03	1.47E-02	1.16E-03	1.19E-02	9.18E-04	1.26E-02	9.74E-04	1.20E-02	9.25E-04	1.19E-02	9.17E-04	1.20E-02	9.21E-04	1.19E-02	9.19E-04	2.54E-01	7.45E-02	6.65E+00	5.41E-01
968	Gridded	9.96E-03	1.08E-03	9.93E-03	1.07E-03	1.05E-02	1.14E-03	1.05E-02	1.14E-03	5.76E-04	6.67E-05	9.93E-03	1.07E-03	1.24E-02	1.35E-03	1.24E-02	1.35E-03	9.97E-03	1.08E-03	1.05E-02	1.14E-03	1.00E-02	1.09E-03	9.95E-03	1.08E-03	1.00E-02	1.08E-03	9.97E-03	1.08E-03	2.61E-01	7.67E-02	5.82E+00	6.22E-01
969	Gridded	1.08E-02	1.06E-03	1.08E-02	1.06E-03	1.15E-02	1.12E-03	1.15E-02	1.12E-03	6.04E-04	6.77E-05	1.08E-02	1.06E-03	1.36E-02	1.32E-03	1.36E-02	1.32E-03	1.08E-02	1.06E-03	1.15E-02	1.12E-03	1.09E-02	1.07E-03	1.08E-02	1.06E-03	1.09E-02	1.07E-03	1.08E-02	1.06E-03	2.64E-01	7.46E-02	6.25E+00	6.06E-01
970	Gridded	8.04E-03	7.10E-04	8.02E-03	7.08E-04	8.25E-03	7.47E-04	8.25E-03	7.47E-04	2.52E-04	3.50E-05	8.02E-03	7.08E-04	8.96E-03	8.68E-04	8.96E-03	8.68E-04	8.04E-03	7.10E-04	8.25E-03	7.47E-04	8.06E-03	7.15E-04	8.03E-03	7.09E-04	8.05E-03	7.12E-04	8.04E-03	7.11E-04	2.02E-01	2.27E-02	4.65E+00	3.90E-01
971	Gridded	9.65E-03	7.24E-04	9.63E-03	7.22E-04	9.92E-03	7.62E-04	9.92E-03	7.62E-04	2.73E-04	3.54E-05	9.63E-03	7.22E-04	1.08E-02	8.83E-04	1.08E-02	8.83E-04	9.65E-03	7.24E-04	9.92E-03	7.62E-04	9.68E-03	7.29E-04	9.64E-03	7.24E-04	9.66E-03	7.27E-04	9.65E-03	7.25E-04	2.30E-01	2.34E-02	5.54E+00	3.99E-01
972	Gridded	9.90E-03	6.89E-04	9.88E-03	6.87E-04	1.02E-02	7.24E-04	1.02E-02	7.24E-04	2.68E-04	4.03E-05	9.89E-03	6.87E-04	1.11E-02	8.37E-04	1.11E-02	8.37E-04	9.90E-03	6.89E-04	1.02E-02	7.24E-04	9.94E-03	6.93E-04	9.90E-03	6.88E-04	9.92E-03	6.91E-04	9.91E-03	6.90E-04	2.22E-01	2.34E-02	5.66E+00	3.81E-01
973	Gridded	8.25E-03	6.24E-04	8.23E-03	6.22E-04	8.54E-03	6.54E-04	8.54E-03	6.54E-04	2.71E-04	4.27E-05	8.23E-03	6.22E-04	9.47E-03	7.66E-04	9.47E-03	7.66E-04	8.25E-03	6.24E-04	8.54E-03	6.54E-04	8.28E-03	6.28E-04	8.24E-03	6.23E-04	8.26E-03	6.26E-04	8.25E-03	6.24E-04	1.72E-01	2.26E-02	4.69E+00	3.51E-01
974	Gridded	5.64E-03	6.38E-04	5.63E-03	6.36E-04	5.93E-03	6.77E-04	5.93E-03	6.77E-04	2.70E-04	4.33E-05	5.63E-03	6.36E-04	6.86E-03	8.01E-04	6.86E-03	8.01E-04	5.65E-03	6.38E-04	5.93E-03	6.77E-04	5.68E-03	6.43E-04	5.64E-03	6.37E-04	5.66E-03	6.41E-04	5.65E-03	6.39E-04	1.62E-01	2.11E-02	3.19E+00	3.66E-01
975	Gridded	4.13E-03	6.98E-04	4.12E-03	6.95E-04	4.34E-03	7.39E-04	4.34E-03	7.39E-04	2.79E-04	4.44E-05	4.12E-03	6.96E-04	5.01E-03	8.73E-04	5.01E-03	8.73E-04	4.13E-03	6.98E-04	4.34E-03	7.39E-04	4.16E-03	7.03E-04	4.13E-03	6.97E-04	4.14E-03	7.00E-04	4.13E-03	6.98E-04	1.65E-01	2.14E-02	2.24E+00	3.98E-01
976	Gridded	3.81E-03	7.40E-04	3.81E-03	7.38E-04	3.91E-03	7.84E-04	3.91E-03	7.84E-04	3.06E-04	4.43E-05	3.81E-03	7.38E-04	4.39E-03	9.24E-04	4.39E-03	9.24E-04	3.81E-03	7.41E-04	3.91E-03	7.84E-04	3.81E-03	7.46E-04	3.81E-03	7.39E-04	3.81E-03	7.43E-04	3.81E-03	7.41E-04	1.52E-01	2.67E-02	2.18E+00	4.20E-01
977	Gridded	4.71E-03	7.76E-04	4.71E-03	7.73E-04	4.71E-03	8.21E-04	4.71E-03	8.21E-04	3.07E-04	4.43E-05	4.71E-03	7.74E-04	4.71E-03	9.66E-04	4.71E-03	9.66E-04	4.71E-03	7.76E-04	4.71E-03	8.21E-04	4.71E-03	7.82E-04	4.71E-03	7.75E-04	4.71E-03	7.79E-04	4.71E-03	7.77E-04	1.39E-01	3.16E-02	2.72E+00	4.39E-01
978	Gridded	4.68E-03	7.59E-04	4.68E-03	7.57E-04	4.68E-03	8.03E-04	4.68E-03	8.03E-04	2.69E-04	4.28E-05	4.68E-03	7.57E-04	4.68E-03	9.44E-04	4.68E-03	9.44E-04	4.68E-03	7.60E-04	4.68E-03	8.03E-04	4.68E-03	7.65E-04	4.68E-03	7.59E-04	4.68E-03	7.62E-04	4.68E-03	7.60E-04	1.41E-01	3.35E-02	2.73E+00	4.27E-01
979	Gridded	5.27E-03	7.62E-04	5.27E-03	7.61E-04	5.27E-03	7.75E-04	5.27E-03	7.75E-04	2.15E-04	4.08E-05	5.27E-03	7.62E-04	5.27E-03	8.63E-04	5.27E-03	8.63E-04	5.27E-03	7.62E-04	5.27E-03	7.75E-04	5.27E-03	7.64E-04	5.27E-03	7.62E-04	5.27E-03	7.63E-04	5.27E-03	7.62E-04	1.43E-01	3.14E-02	2.84E+00	4.15E-01
980	Gridded	6.97E-03	1.05E-03	6.97E-03	1.04E-03	6.97E-03	1.06E-03	6.97E-03	1.06E-03	2.06E-04	4.07E-05	6.97E-03	1.04E-03	6.97E-03	1.12E-03	6.97E-03	1.12E-03	6.97E-03	1.05E-03	6.97E-03	1.06E-03	6.97E-03	1.05E-03	6.97E-03	1.05E-03	6.97E-03	1.05E-03	6.97E-03	1.05E-03	1.43E-01	2.60E-02	3.89E+00	5.73E-01
981	Gridded	1.02E-02	1.37E-03	1.02E-02	1.37E-03	1.02E-02	1.39E-03	1.02E-02	1.39E-03	2.69E-04	5.06E-05	1.02E-02	1.37E-03	1.02E-02	1.46E-03	1.02E-02	1.46E-03	1.02E-02	1.37E-03	1.02E-02	1.39E-03	1.02E-02	1.38E-03	1.02E-02	1.37E-03	1.02E-02	1.37E-03	1.02E-02	1.37E-03	1.47E-01	2.59E-02	5.71E+00	7.57E-01
982	Gridded	1.19E-02	1.46E-03	1.19E-02	1.46E-03	1.19E-02	1.48E-03	1.19E-02	1.48E-03	2.96E-04	6.33E-05	1.19E-02	1.46E-03	1.19E-02	1.54E-03	1.19E-02	1.54E-03	1.19E-02	1.46E-03	1.19E-02	1.48E-03	1.19E-02	1.46E-03	1.19E-02	1.46E-03	1.19E-02	1.46E-03	1.19E-02	1.46E-03	1.58E-01	3.13E-02	6.82E+00	8.12E-01
983	Gridded	9.78E-03	1.13E-03	9.78E-03	1.13E-03	9.78E-03	1.14E-03	9.78E-03	1.14E-03	2.98E-04	6.39E-05	9.78E-03	1.13E-03	9.78E-03	1.32E-03	9.78E-03	1.32E-03	9.78E-03	1.13E-03	9.78E-03	1.14E-03	9.78E-03	1.13E-03	9.78E-03	1.13E-03	9.78E-03	1.13E-03	9.78E-03	1.13E-03	1.89E-01	4.21E-02	5.75E+00	6.43E-01
984	Gridded	8.24E-03	1.04E-03	8.24E-03	1.04E-03	8.24E-03	1.10E-03	8.24E-03	1.10E-03	3.70E-04	5.76E-05	8.24E-03	1.04E-03	8.24E-03	1.27E-03	8.24E-03	1.27E-03	8.24E-03	1.04E-03	8.24E-03	1.10E-03	8.24E-03	1.05E-03	8.24E-03	1.04E-03	8.24E-03	1.05E-03	8.24E-03	1.04E-03	1.87E-01	4.72E-02	4.79E+00	5.68E-01
985	Gridded	8.34E-03	8.50E-04	8.31E-03	8.47E-04	8.81E-03	9.01E-04	8.81E-03	9.01E-04	5.73E-04	5.54E-05	8.32E-03	8.47E-04	1.03E-02	1.07E-03	1.03E-02	1.07E-03	8.35E-03	8.50E-04	8.81E-03	9.01E-04	8.40E-03	8.56E-04	8.33E-03	8.49E-04	8.37E-03	8.53E-04	8.35E-03	8.51E-04	1.72E-01	4.15E-02	4.69E+00	5.22E-01
986	Gridded	7.33E-03	1.00E-03	7.31E-03	9.98E-04	7.75E-03	1.06E-03	7.75E-03	1.06E-03	4.32E-04	5.80E-05	7.31E-03	9.99E-04	9.09E-03	1.26E-03	9.09E-03	1.26E-03	7.33E-03	1.00E-03	7.75E-03	1.06E-03	7.38E-03	1.01E-03	7.32E-03	1.00E-03	7.36E-03	1.01E-03	7.34E-03	1.00E-03	2.17E-01	4.21E-02	4.11E+00	5.93E-01
987	Gridded	1.04E-02	9.52E-04	1.04E-02	9.48E-04	1.05E-02	1.00E-03	1.05E-02	1.00E-03	5.26E-04	4.87E-05	1.04E-02	9.49E-04	1.05E-02	1.17E-03	1.05E-02	1.17E-03	1.04E-02	9.52E-04	1.05E-02	1.00E-03	1.04E-02	9.58E-04	1.04E-02	9.51E-04	1.04E-02	9.55E-04	1.04E-02	9.52E-04	2.85E-01	4.06E-02	5.57E+00	5.34E-01
988	Gridded	1.24E-02	7.95E-04	1.23E-02	7.91E-04	1.33E-02	8.56E-04	1.33E-02	8.56E-04	8.66E-04	5.72E-05	1.23E-02	7.92E-04	1.63E-02	1.05E-03	1.63E-02	1.05E-03	1.24E-02	7.95E-04	1.33E-02	8.56E-04	1.25E-02	8.03E-04	1.24E-02	7.94E-04	1.24E-02	7.99E-04	1.24E-02	7.96E-04	2.56E-01	4.05E-02	7.12E+00	4.75E-01
989	Gridded	1.45E-02	1.06E-03	1.45E-02	1.05E-03	1.51E-02	1.10E-03	1.51E-02	1.10E-03	5.65E-04	5.09E-05	1.45E-02	1.06E-03	1.70E-02	1.23E-03	1.70E-02	1.23E-03	1.45E-02	1.06E-03	1.51E-02	1.10E-03	1.46E-02	1.06E-03	1.45E-02	1.06E-03	1.45E-02	1.06E-03	1.45E-02	1.06E-03	3.10E-01	5.98E-02	7.97E+00	5.93E-01
990	Gridded	6.71E-03	7.48E-04	6.68E-03	7.45E-04	7.07E-03	7.98E-04	7.07E-03	7.98E-04	4.49E-04	6.95E-05	6.69E-03	7.45E-04	8.26E-03	9.83E-04	8.26E-03	9.83E-04	6.71E-03	7.48E-04	7.07E-03	7.98E-04	6.75E-03	7.54E-04	6.70E-03	7.47E-04	6.73E-03	7.51E-04	6.71E-03	7.49E-04	3.28E-01	7.09E-02	3.76E+00	4.86E-01
991	Gridded	1.08E-02	9.02E-04	1.08E-02	8.99E-04	1.12E-02	9.48E-04	1.12E-02	9.48E-04	5.54E-04	9.85E-05	1.08E-02	8.99E-04	1.23E-02	1.25E-03	1.23E-02	1.25E-03	1.08E-02	9.02E-04	1.12E-02	9.48E-04	1.09E-02	9.08E-04	1.08E-02	9.01E-04	1.08E-02	9.05E-04	1.08E-02	9.02E-04	3.29E-01	4.45E-02	6.26E+00	5.23E-01
992	Gridded	7.69E-03	1.29E-03	7.66E-03	1.29E-03	8.14E-03	1.38E-03	8.14E-03	1.38E-03	6.29E-04	8.56E-05	7.66E-03	1.29E-03	9.61E-03	1.68E-03	9.61E-03	1.68E-03	7.69E-03	1.29E-03	8.14E-03	1.38E-03	7.75E-03	1.31E-03	7.68E-03	1.29E-03	7.72E-03	1.30E-03	7.69E-03	1.29E-03	4.01E-01	4.28E-02	4.37E+00	7.12E-01
993	Gridded	1.08E-02	1.24E-03	1.08E-02	1.24E-03	1.14E-02	1.29E-03	1.14E-02	1.29E-03	5.97E-04	4.33E-05	1.08E-02	1.24E-03	1.33E-02	1.43E-03	1.33E-02	1.43E-03	1.08E-02	1.24E-03	1.14E-02	1.29E-03	1.09E-02	1.25E-03	1.08E-02	1.24E-03	1.09E-02	1.25E-03	1.08E-02	1.24E-03	3.52E-01	4.31E-02	6.36E+00	7.05E-01
994	Gridded	1.07E-02	7.46E-04	1.07E-02	7.43E-04	1.14E-02	7.94E-04	1.14E-02	7.94E-04	5.78E-04	5.10E-05	1.07E-02	7.44E-04	1.33E-02	9.47E-04	1.33E-02	9.47E-04	1.07E-02	7.46E-04	1.14E-02	7.94E-04	1.08E-02	7.52E-04	1.07E-02	7.45E-04	1.08E-02	7.49E-04	1.07E-02	7.47E-04	3.52E-01	5.38E-02	6.20E+00	4.54E-01
995	Gridded	9.80E-03	1.00E-03	9.78E-03	9.94E-04	1.01E-02	1.08E-03	1.01E-02	1.08E-03	5.73E-04	7.19E-05	9.78E-03	9.95E-04	1.11E-02	1.32E-03	1.11E-02	1.32E-03	9.80E-03	1.00E-03	1.01E-02	1.08E-03	9.83E-03	1.01E-03	9.79E-03	9.98E-04	9.82E-03	1.00E-03	9.80E-03	1.00E-03	4.10E-01	6.48E-02	5.75E+00	6.53E-01
996	Gridded	9.03E-03	1.02E-03	9.03E-03	1.01E-03	9.20E-03	1.09E-03	9.20E-03	1.09E-03	5.40E-04	6.71E-05	9.03E-03	1.01E-03	1.07E-02	1.32E-03	1.07E-02	1.32E-03	9.03E-03	1.02E-03	9.20E-03	1.09E-03	9.03E-03	1.03E-03	9.03E-03	1.02E-03	9.03E-03	1.02E-03	9.03E-03	1.02E-03	3.88E-01	6.76E-02	5.16E+00	6.22E-01
997	Gridded	9.02E-03	9.94E-04	8.99E-03	9.90E-04	9.42E-03	1.05E-03	9.42E-03	1.05E-03	6.10E-04	5.47E-05	8.99E-03	9.91E-04	1.07E-02	1.24E-03	1.07E-02	1.24E-03	9.02E-03	9.95E-04	9.42E-03	1.05E-03	9.07E-03	1.00E-03	9.01E-03	9.93E-04	9.04E-03	9.98E-04	9.02E-03	9.95E-04	3.93E-01	5.88E-02	4.94E+00	5.75E-01
998	Gridded	1.00E-02	8.75E-04	1.00E-02	8.71E-04	1.05E-02	9.35E-04	1.05E-02	9.35E-04	6.49E-04	5.58E-05	1.00E-02	8.72E-04	1.22E-02	1.13E-03	1.22E-02	1.13E-03	1.00E-02	8.75E-04	1.05E-02	9.35E-04	1.01E-02	8.83E-04	1.00E-02	8.74E-04	1.01E-02	8.79E-04	1.00E-02	8.76E-04	4.06E-01	4.43E-02	5.71E+00	5.47E-01
999	Gridded	9.78E-03	1.10E-03	9.76E-03	1.09E-03	1.03E-02	1.17E-03	1.03E-02	1.17E-03	5.81E-04	6.43E-05	9.76E-03	1.09E-03	1.23E-02	1.39E-03	1.23E-02	1.39E-03	9.79E-03	1.10E-03	1.03E-02	1.17E-03	9.83E-03	1.11E-03	9.78E-03	1.10E-03	9.81E-03	1.10E-03	9.79E-03	1.10E-03	3.47E-01	3.50E-02	5.53E+00	6.49E-01
1000	Gridded	7.84E-03	8.30E-04	7.79E-03	8.27E-04	8.50E-03	8.66E-04	8.50E-03	8.66E-04	6.25E-04	5.54E-05	7.80E-03	8.28E-04	1.07E-02	9.82E-04	1.07E-02	9.82E-04	7.84E-03	8.30E-04	8.50E-03	8.66E-04	7.92E-03	8.34E-04	7.82E-03	8.29E-04	7.88E-03	8.32E-04	7.85E-03	8.30E-04	3.74E-01	3.61E-02	4.46E+00	4.64E-01
1001	Gridded	6.07E-03	8.41E-04	6.04E-03	8.37E-04	6.53E-03	9.03E-04	6.53E-03	9.03E-04	5.06E-04	5.94E-05	6.04E-03	8.37E-04	8.04E-03	1.10E-03	8.04E-03	1.10E-03	6.07E-03	8.41E-04	6.53E-03	9.03E-04	6.13E-03	8.48E-04	6.06E-03	8.39E-04	6.10E-03	8.44E-04	6.07E-03	8.41E-04	2.47E-01	3.89E-02	3.60E+00	5.13E-01
1002	Gridded	6.19E-03	1.15E-03	6.17E-03	1.14E-03	6.53E-03	1.22E-03	6.53E-03	1.22E-03	5.62E-04	7.00E-05	6.17E-03	1.14E-03	7.91E-03	1.46E-03	7.91E-03	1.46E-03	6.19E-03	1.15E-03	6.53E-03	1.22E-03	6.23E-03	1.16E-03	6.18E-03	1.15E-03	6.21E-03	1.15E-03	6.20E-03	1.15E-03	2.68E-01	4.81E-02	3.35E+00	6.88E-01
1003	Gridded	8.93E-03	1.02E-03	8.89E-03	1.01E-03	9.53E-03	1.09E-03	9.53E-03	1.09E-03	5.63E-04	7.46E-05	8.90E-03	1.01E-03	1.15E-02	1.31E-03	1.15E-02	1.31E-03	8.93E-03	1.02E-03	9.53E-03	1.09E-03	9.00E-03	1.03E-03	8.92E-03	1.02E-03	8.97E-03	1.02E-03	8.94E-03	1.02E-03	2.87E-01	5.74E-02	4.88E+00	6.25E-01
1004	Gridded	1.01E-02	1.22E-03	1.01E-02	1.21E-03	1.06E-02	1.30E-03	1.06E-02	1.30E-03	5.58E-04	9.57E-05	1.01E-02	1.21E-03	1.21E-02	1.63E-03	1.21E-02	1.63E-03	1.01E-02	1.22E-03	1.06E-02	1.30E-03	1.02E-02	1.23E-03	1.01E-02	1.21E-03	1.02E-02	1.22E-03	1.01E-02	1.22E-03	3.25E-01	7.57E-02	5.49E+00	7.40E-01
1005	Gridded	8.21E-03	1.75E-03	8.19E-03	1.74E-03	8.53E-03	1.86E-03	8.53E-03	1.86E-03	6.16E-04	1.04E-04	8.20E-03	1.74E-03	9.54E-03	2.22E-03	9.54E-03	2.22E-03	8.22E-03	1.75E-03	8.53E-03	1.86E-03	8.25E-03	1.76E-03	8.21E-03	1.75E-03	8.23E-03	1.76E-03	8.22E-03	1.75E-03	2.83E-01	6.91E-02	4.44E+00	1.01E+00
1006	Gridded	6.83E-03	1.46E-03	6.80E-03	1.46E-03	7.18E-03	1.53E-03	7.18E-03	1.53E-03	4.49E-04	9.80E-05	6.81E-03	1.46E-03	8.45E-03	1.83E-03	8.45E-03	1.83E-03	6.83E-03	1.46E-03	7.18E-03	1.53E-03	6.87E-03	1.47E-03	6.82E-03	1.46E-03	6.85E-03	1.47E-03	6.83E-03	1.47E-03	3.05E-01	8.71E-02	3.84E+00	8.49E-01
1007	Gridded	6.18E-03	1.74E-03	6.15E-03	1.73E-03	6.54E-03	1.86E-03	6.54E-03	1.86E-03	3.67E-04	1.38E-04	6.16E-03	1.73E-03	7.70E-03	2.26E-03	7.70E-03	2.26E-03	6.18E-03	1.74E-03	6.54E-03	1.86E-03	6.22E-03	1.75E-03	6.17E-03	1.73E-03	6.20E-03	1.74E-03	6.18E-03	1.74E-03	3.24E-01	1.14E-01	3.52E+00	1.07E+00
1008	Gridded	5.65E-03	2.14E-03	5.65E-03	2.13E-03	5.77E-03	2.29E-03	5.77E-03	2.29E-03	3.71E-04	1.42E-04	5.65E-03	2.13E-03	7.00E-03	2.78E-03	7.00E-03	2.78E-03	5.65E-03	2.14E-03	5.77E-03	2.29E-03	5.67E-03	2.16E-03	5.65E-03	2.13E-03	5.66E-03	2.15E-03	5.65E-03	2.14E-03	2.93E-01	1.00E-01	3.32E+00	1.26E+00
1009	Gridded	5.16E-03	1.71E-03	5.16E-03	1.70E-03	5.26E-03	1.81E-03	5.26E-03	1.81E-03	3.36E-04	9.40E-05	5.16E-03	1.70E-03	6.10E-03	2.13E-03	6.10E-03	2.13E-03	5.16E-03	1.71E-03	5.26E-03	1.81E-03	5.17E-03	1.72E-03	5.16E-03	1.71E-03	5.17E-03	1.71E-03	5.16E-03	1.71E-03	2.28E-01	8.37E-02	3.07E+00	9.65E-01
1010	Gridded	4.81E-03	1.07E-03	4.80E-03	1.07E-03	4.96E-03	1.14E-03	4.96E-03	1.14E-03	3.92E-04	8.16E-05	4.80E-03	1.07E-03	5.47E-03	1.42E-03	5.47E-03	1.42E-03	4.81E-03	1.07E-03	4.96E-03	1.14E-03	4.82E-03	1.08E-03	4.80E-03	1.07E-03	4.81E-03	1.07E-03	4.81E-03	1.07E-03	2.24E-01	6.89E-02	2.77E+00	6.59E-01
1011	Gridded	4.39E-03	9.10E-04	4.37E-03	9.05E-04	4.63E-03	9.83E-04	4.63E-03	9.83E-04	2.64E-04	6.84E-05	4.38E-03	9.06E-04	5.40E-03	1.22E-03	5.40E-03	1.22E-03	4.39E-03	9.10E-04	4.63E-03	9.83E-04	4.42E-03	9.19E-04	4.38E-03	9.08E-04	4.40E-03	9.14E-04	4.39E-03	9.11E-04	2.57E-01	5.47E-02	2.45E+00	5.60E-01
1012	Gridded	4.87E-03	8.53E-04	4.86E-03	8.49E-04	4.97E-03	9.16E-04	4.97E-03	9.16E-04	2.35E-04	5.93E-05	4.87E-03	8.50E-04	5.60E-03	1.12E-03	5.60E-03	1.12E-03	4.87E-03	8.53E-04	4.97E-03	9.16E-04	4.88E-03	8.61E-04	4.87E-03	8.52E-04	4.88E-03	8.57E-04	4.87E-03	8.54E-04	2.62E-01	4.62E-02	2.74E+00	5.11E-01
1013	Gridded	6.70E-03	7.39E-04	6.70E-03	7.36E-04	6.83E-03	7.90E-04	6.83E-03	7.90E-04	2.33E-04	4.77E-05	6.70E-03	7.36E-04	7.22E-03	9.54E-04	7.22E-03	9.54E-04	6.71E-03	7.39E-04	6.83E-03	7.90E-04	6.72E-03	7.45E-04	6.70E-03	7.38E-04	6.71E-03	7.42E-04	6.71E-03	7.40E-04	2.32E-01	5.40E-02	3.71E+00	4.34E-01
1014	Gridded	7.59E-03	5.65E-04	7.59E-03	5.62E-04	7.71E-03	6.08E-04	7.71E-03	6.08E-04	2.61E-04	4.10E-05	7.59E-03	5.62E-04	8.10E-03	7.47E-04	8.10E-03	7.47E-04	7.59E-03	5.65E-04	7.71E-03	6.08E-04	7.61E-03	5.70E-04	7.59E-03	5.64E-04	7.60E-03	5.67E-04	7.59E-03	5.65E-04	1.89E-01	5.83E-02	4.17E+00	3.52E-01
1015	Gridded	7.58E-03	6.10E-04	7.58E-03	6.08E-04	7.60E-03	6.37E-04	7.60E-03	6.37E-04	4.42E-04	4.41E-05	7.58E-03	6.08E-04	9.12E-03	7.43E-04	9.12E-03	7.43E-04	7.58E-03	6.10E-04	7.60E-03	6.37E-04	7.58E-03	6.13E-04	7.58E-03	6.09E-04	7.58E-03	6.11E-04	7.58E-03	6.10E-04	2.11E-01	6.19E-02	4.20E+00	3.60E-01
1016	Gridded	1.20E-02	8.43E-04	1.20E-02	8.40E-04	1.27E-02	8.96E-04	1.27E-02	8.96E-04	6.67E-04	5.00E-05	1.20E-02	8.40E-04	1.50E-02	1.07E-03	1.50E-02	1.07E-03	1.20E-02	8.43E-04	1.27E-02	8.96E-04	1.21E-02	8.50E-04	1.20E-02	8.42E-04	1.21E-02	8.46E-04	1.20E-02	8.44E-04	2.87E-01	6.62E-02	6.85E+00	4.95E-01
1017	Gridded	1.10E-02	9.89E-04	1.10E-02	9.85E-04	1.16E-02	1.05E-03	1.16E-02	1.05E-03	6.19E-04	5.78E-05	1.10E-02	9.85E-04	1.37E-02	1.25E-03	1.37E-02	1.25E-03	1.10E-02	9.89E-04	1.16E-02	1.05E-03	1.11E-02	9.96E-04	1.10E-02	9.87E-04	1.10E-02	9.92E-04	1.10E-02	9.89E-04	2.83E-01	6.55E-02	6.33E+00	5.70E-01
1018	Gridded	1.24E-02	1.05E-03	1.23E-02	1.04E-03	1.32E-02	1.11E-03	1.32E-02	1.11E-03	7.09E-04	7.29E-05	1.24E-02	1.04E-03	1.56E-02	1.31E-03	1.56E-02	1.31E-03	1.24E-02	1.05E-03	1.32E-02	1.11E-03	1.25E-02	1.05E-03	1.24E-02	1.04E-03	1.24E-02	1.05E-03	1.24E-02	1.05E-03	2.90E-01	7.20E-02	7.11E+00	5.95E-01
1019	Gridded	9.36E-03	9.75E-04	9.32E-03	9.69E-04	9.94E-03	1.05E-03	9.94E-03	1.05E-03	5.45E-04	8.00E-05	9.33E-03	9.70E-04	1.18E-02	1.31E-03	1.18E-02	1.31E-03	9.36E-03	9.75E-04	9.94E-03	1.05E-03	9.43E-03	9.84E-04	9.35E-03	9.73E-04	9.40E-03	9.79E-04	9.37E-03	9.76E-04	2.35E-01	6.45E-02	5.31E+00	6.18E-01
1020	Gridded	6.85E-03	8.65E-04	6.85E-03	8.60E-04	6.87E-03	9.33E-04	6.87E-03	9.33E-04	3.22E-04	7.22E-05	6.85E-03	8.61E-04	7.60E-03	1.15E-03	7.60E-03	1.15E-03	6.85E-03	8.65E-04	6.87E-03	9.33E-04	6.85E-03	8.73E-04	6.85E-03	8.63E-04	6.85E-03	8.69E-04	6.85E-03	8.66E-04	2.48E-01	5.43E-02	3.85E+00	5.41E-01
1021	Gridded	6.62E-03	8.38E-04	6.61E-03	8.35E-04	6.75E-03	8.91E-04	6.75E-03	8.91E-04	3.36E-04	4.92E-05	6.61E-03	8.35E-04	7.40E-03	1.06E-03	7.40E-03	1.06E-03	6.62E-03	8.38E-04	6.75E-03	8.91E-04	6.63E-03	8.45E-04	6.61E-03	8.37E-04	6.62E-03	8.41E-04	6.62E-03	8.39E-04	1.88E-01	2.82E-02	3.86E+00	4.57E-01
1022	Gridded	7.31E-03	8.24E-04	7.30E-03	8.21E-04	7.48E-03	8.73E-04	7.48E-03	8.73E-04	3.02E-04	4.61E-05	7.30E-03	8.22E-04	8.02E-03	1.03E-03	8.02E-03	1.03E-03	7.31E-03	8.25E-04	7.48E-03	8.73E-04	7.33E-03	8.31E-04	7.30E-03	8.23E-04	7.32E-03	8.27E-04	7.31E-03	8.25E-04	2.07E-01	2.85E-02	4.28E+00	4.51E-01
1023	Gridded	8.25E-03	7.62E-04	8.24E-03	7.59E-04	8.44E-03	8.05E-04	8.44E-03	8.05E-04	2.82E-04	4.06E-05	8.24E-03	7.60E-04	9.04E-03	9.45E-04	9.04E-03	9.45E-04	8.25E-03	7.62E-04	8.44E-03	8.05E-04	8.27E-03	7.67E-04	8.25E-03	7.61E-04	8.26E-03	7.64E-04	8.25E-03	7.62E-04	2.35E-01	2.77E-02	4.83E+00	4.20E-01
1024	Gridded	9.04E-03	6.93E-04	9.03E-03	6.90E-04	9.24E-03	7.30E-04	9.24E-03	7.30E-04	2.86E-04	3.57E-05	9.03E-03	6.90E-04	9.87E-03	8.53E-04	9.87E-03	8.53E-04	9.04E-03	6.93E-04	9.24E-03	7.30E-04	9.06E-03	6.97E-04	9.04E-03	6.92E-04	9.05E-03	6.95E-04	9.04E-03	6.93E-04	2.44E-01	2.60E-02	5.26E+00	3.84E-01
1025	Gridded	9.13E-03	6.77E-04	9.12E-03	6.74E-04	9.36E-03	7.13E-04	9.36E-03	7.13E-04	3.25E-04	3.51E-05	9.12E-03	6.75E-04	1.01E-02	8.30E-04	1.01E-02	8.30E-04	9.13E-03	6.77E-04	9.36E-03	7.13E-04	9.16E-03	6.81E-04	9.13E-03	6.76E-04	9.15E-03	6.79E-04	9.13E-03	6.77E-04	2.20E-01	2.55E-02	5.26E+00	3.76E-01
1026	Gridded	7.50E-03	6.49E-04	7.48E-03	6.47E-04	7.74E-03	6.82E-04	7.74E-03	6.82E-04	3.32E-04	3.90E-05	7.48E-03	6.47E-04	8.54E-03	7.91E-04	8.54E-03	7.91E-04	7.50E-03	6.49E-04	7.74E-03	6.82E-04	7.53E-03	6.53E-04	7.49E-03	6.48E-04	7.51E-03	6.51E-04	7.50E-03	6.49E-04	1.95E-01	2.50E-02	4.28E+00	3.61E-01
1027	Gridded	5.47E-03	6.34E-04	5.46E-03	6.32E-04	5.73E-03	6.73E-04	5.73E-03	6.73E-04	3.08E-04	4.28E-05	5.46E-03	6.32E-04	6.56E-03	8.00E-04	6.56E-03	8.00E-04	5.47E-03	6.34E-04	5.73E-03	6.73E-04	5.51E-03	6.39E-04	5.47E-03	6.33E-04	5.49E-03	6.36E-04	5.48E-03	6.35E-04	2.04E-01	2.50E-02	3.11E+00	3.74E-01
1028	Gridded	4.37E-03	7.23E-04	4.35E-03	7.20E-04	4.65E-03	7.67E-04	4.65E-03	7.67E-04	2.75E-04	4.70E-05	4.35E-03	7.21E-04	5.58E-03	9.09E-04	5.58E-03	9.09E-04	4.37E-03	7.23E-04	4.65E-03	7.67E-04	4.40E-03	7.28E-04	4.36E-03	7.22E-04	4.38E-03	7.26E-04	4.37E-03	7.23E-04	2.01E-01	2.52E-02	2.39E+00	4.25E-01

Scenario 2 Results

1029 Gridded	5.01E-03	7.94E-04	5.01E-03	7.91E-04	5.01E-03	8.41E-04	5.01E-03	8.41E-04	3.06E-04	5.04E-05	5.01E-03	7.91E-04	5.01E-03	9.95E-04	5.01E-03	9.95E-04	5.01E-03	7.94E-04	5.01E-03	8.41E-04	5.01E-03	8.00E-04	5.01E-03	7.93E-04	5.01E-03	7.97E-04	5.01E-03	7.94E-04	1.92E-01	3.27E-02	2.89E+00	4.66E-01
1030 Gridded	5.07E-03	8.09E-04	5.07E-03	8.06E-04	5.07E-03	8.57E-04	5.07E-03	8.57E-04	3.21E-04	5.09E-05	5.07E-03	8.07E-04	5.07E-03	1.01E-03	5.07E-03	1.01E-03	5.07E-03	8.09E-04	5.07E-03	8.57E-04	5.07E-03	8.15E-04	5.07E-03	8.08E-04	5.07E-03	8.12E-04	5.07E-03	8.10E-04	1.77E-01	3.87E-02	2.95E+00	4.73E-01
1031 Gridded	5.02E-03	8.67E-04	5.02E-03	8.63E-04	5.02E-03	9.17E-04	5.02E-03	9.17E-04	3.61E-04	5.47E-05	5.02E-03	8.64E-04	5.02E-03	1.08E-03	5.02E-03	1.08E-03	5.02E-03	8.67E-04	5.02E-03	9.17E-04	5.02E-03	8.73E-04	5.02E-03	8.65E-04	5.02E-03	8.70E-04	5.02E-03	8.67E-04	1.80E-01	4.33E-02	2.95E+00	5.00E-01
1032 Gridded	5.92E-03	9.01E-04	5.92E-03	8.97E-04	5.92E-03	9.52E-04	5.92E-03	9.52E-04	3.99E-04	5.84E-05	5.92E-03	8.98E-04	5.92E-03	1.12E-03	5.92E-03	1.12E-03	5.92E-03	9.01E-04	5.92E-03	9.52E-04	5.92E-03	9.07E-04	5.92E-03	8.99E-04	5.92E-03	9.04E-04	5.92E-03	9.01E-04	1.91E-01	4.37E-02	3.21E+00	5.11E-01
1033 Gridded	8.07E-03	1.11E-03	8.07E-03	1.11E-03	8.07E-03	1.13E-03	8.07E-03	1.13E-03	3.47E-04	5.29E-05	8.07E-03	1.11E-03	8.07E-03	1.20E-03	8.07E-03	1.20E-03	8.07E-03	1.11E-03	8.07E-03	1.13E-03	8.07E-03	1.11E-03	8.07E-03	1.11E-03	8.07E-03	1.11E-03	8.07E-03	1.11E-03	1.92E-01	3.65E-02	4.41E+00	6.11E-01
1034 Gridded	9.24E-03	1.30E-03	9.24E-03	1.30E-03	9.24E-03	1.32E-03	9.24E-03	1.32E-03	2.80E-04	5.68E-05	9.24E-03	1.30E-03	9.24E-03	1.39E-03	9.24E-03	1.39E-03	9.24E-03	1.30E-03	9.24E-03	1.32E-03	9.24E-03	1.30E-03	9.24E-03	1.30E-03	9.24E-03	1.30E-03	9.24E-03	1.30E-03	1.84E-01	3.34E-02	5.11E+00	7.21E-01
1035 Gridded	8.85E-03	1.28E-03	8.85E-03	1.28E-03	8.85E-03	1.30E-03	8.85E-03	1.30E-03	3.60E-04	6.64E-05	8.85E-03	1.28E-03	8.85E-03	1.37E-03	8.85E-03	1.37E-03	8.85E-03	1.28E-03	8.85E-03	1.30E-03	8.85E-03	1.29E-03	8.85E-03	1.28E-03	8.85E-03	1.28E-03	8.85E-03	1.28E-03	1.98E-01	4.19E-02	5.20E+00	7.26E-01
1036 Gridded	8.25E-03	1.08E-03	8.25E-03	1.07E-03	8.25E-03	1.15E-03	8.25E-03	1.15E-03	8.18E-04	6.39E-05	8.25E-03	1.07E-03	8.25E-03	1.37E-03	8.25E-03	1.37E-03	8.25E-03	1.08E-03	8.25E-03	1.15E-03	8.25E-03	1.09E-03	8.25E-03	1.08E-03	8.25E-03	1.08E-03	8.25E-03	1.08E-03	2.03E-01	5.73E-02	4.82E+00	5.97E-01
1037 Gridded	6.18E-03	9.35E-04	6.17E-03	9.32E-04	6.39E-03	9.80E-04	6.39E-03	9.80E-04	6.16E-04	5.41E-05	6.17E-03	9.33E-04	7.89E-03	1.12E-03	7.89E-03	1.12E-03	6.18E-03	9.35E-04	6.39E-03	9.80E-04	6.19E-03	9.41E-04	6.18E-03	9.34E-04	6.19E-03	9.38E-04	6.18E-03	9.36E-04	2.09E-01	5.89E-02	3.47E+00	5.37E-01
1038 Gridded	1.13E-02	1.05E-03	1.13E-02	1.05E-03	1.13E-02	1.12E-03	1.13E-02	1.12E-03	4.68E-04	6.41E-05	1.13E-02	1.05E-03	1.13E-02	1.34E-03	1.13E-02	1.34E-03	1.13E-02	1.05E-03	1.13E-02	1.12E-03	1.13E-02	1.06E-03	1.13E-02	1.05E-03	1.13E-02	1.06E-03	1.13E-02	1.05E-03	2.39E-01	5.10E-02	6.01E+00	6.62E-01
1039 Gridded	8.48E-03	1.14E-03	8.48E-03	1.14E-03	8.48E-03	1.21E-03	8.48E-03	1.21E-03	4.93E-04	6.05E-05	8.48E-03	1.14E-03	8.75E-03	1.42E-03	8.75E-03	1.42E-03	8.48E-03	1.14E-03	8.48E-03	1.21E-03	8.48E-03	1.15E-03	8.48E-03	1.14E-03	8.48E-03	1.15E-03	8.48E-03	1.14E-03	2.98E-01	5.35E-02	4.53E+00	6.58E-01
1040 Gridded	1.04E-02	8.56E-04	1.04E-02	8.52E-04	1.13E-02	9.17E-04	1.13E-02	9.17E-04	8.58E-04	7.14E-05	1.04E-02	8.53E-04	1.43E-02	1.15E-03	1.43E-02	1.15E-03	1.04E-02	8.56E-04	1.13E-02	9.17E-04	1.05E-02	8.63E-04	1.04E-02	8.55E-04	1.05E-02	8.60E-04	1.04E-02	8.57E-04	3.31E-01	4.84E-02	6.29E+00	5.32E-01
1041 Gridded	1.61E-02	1.42E-03	1.60E-02	1.42E-03	1.67E-02	1.49E-03	1.67E-02	1.49E-03	7.23E-04	5.96E-05	1.60E-02	1.42E-03	1.89E-02	1.69E-03	1.89E-02	1.69E-03	1.61E-02	1.42E-03	1.67E-02	1.49E-03	1.61E-02	1.43E-03	1.60E-02	1.42E-03	1.61E-02	1.43E-03	1.61E-02	1.42E-03	3.56E-01	7.36E-02	8.97E+00	8.00E-01
1042 Gridded	7.80E-03	8.65E-04	7.79E-03	8.60E-04	8.33E-03	9.45E-04	8.33E-03	9.45E-04	5.01E-04	7.54E-05	7.79E-03	8.61E-04	1.01E-02	1.21E-03	1.01E-02	1.21E-03	7.80E-03	8.65E-04	8.33E-03	9.45E-04	7.86E-03	8.75E-04	7.79E-03	8.63E-04	7.83E-03	8.70E-04	7.80E-03	8.66E-04	3.83E-01	8.00E-02	4.83E+00	5.86E-01
1043 Gridded	1.19E-02	1.02E-03	1.19E-02	1.02E-03	1.23E-02	1.12E-03	1.23E-02	1.12E-03	7.36E-04	1.11E-04	1.19E-02	1.02E-03	1.36E-02	1.48E-03	1.36E-02	1.48E-03	1.19E-02	1.02E-03	1.23E-02	1.12E-03	1.20E-02	1.03E-03	1.19E-02	1.02E-03	1.20E-02	1.03E-03	1.19E-02	1.02E-03	4.04E-01	5.50E-02	6.96E+00	6.30E-01
1044 Gridded	1.00E-02	1.35E-03	9.98E-03	1.34E-03	1.03E-02	1.41E-03	1.03E-02	1.41E-03	7.72E-04	6.26E-05	9.98E-03	1.34E-03	1.28E-02	1.63E-03	1.28E-02	1.63E-03	1.00E-02	1.35E-03	1.03E-02	1.41E-03	1.00E-02	1.35E-03	9.99E-03	1.35E-03	1.00E-02	1.35E-03	1.00E-02	1.35E-03	5.06E-01	4.45E-02	6.13E+00	7.90E-01
1045 Gridded	1.26E-02	9.17E-04	1.26E-02	9.13E-04	1.34E-02	9.76E-04	1.34E-02	9.76E-04	7.25E-04	5.59E-05	1.26E-02	9.14E-04	1.59E-02	1.17E-03	1.59E-02	1.17E-03	1.26E-02	9.17E-04	1.34E-02	9.76E-04	1.27E-02	9.24E-04	1.26E-02	9.16E-04	1.27E-02	9.20E-04	1.26E-02	9.18E-04	4.93E-01	6.19E-02	7.31E+00	5.69E-01
1046 Gridded	1.03E-02	1.03E-03	1.02E-02	1.02E-03	1.08E-02	1.11E-03	1.08E-02	1.11E-03	6.05E-04	7.83E-05	1.03E-02	1.02E-03	1.24E-02	1.38E-03	1.24E-02	1.38E-03	1.03E-02	1.03E-03	1.08E-02	1.11E-03	1.03E-02	1.04E-03	1.03E-02	1.03E-03	1.03E-02	1.03E-03	1.03E-02	1.03E-03	5.16E-01	8.20E-02	5.91E+00	6.97E-01
1047 Gridded	1.12E-02	1.05E-03	1.12E-02	1.04E-03	1.12E-02	1.13E-03	1.12E-02	1.13E-03	5.63E-04	7.37E-05	1.12E-02	1.04E-03	1.17E-02	1.38E-03	1.17E-02	1.38E-03	1.12E-02	1.05E-03	1.12E-02	1.13E-03	1.12E-02	1.06E-03	1.12E-02	1.05E-03	1.12E-02	1.05E-03	1.12E-02	1.05E-03	4.75E-01	8.23E-02	6.41E+00	6.55E-01
1048 Gridded	1.22E-02	1.12E-03	1.21E-02	1.12E-03	1.27E-02	1.18E-03	1.27E-02	1.18E-03	7.79E-04	6.24E-05	1.21E-02	1.12E-03	1.46E-02	1.39E-03	1.46E-02	1.39E-03	1.22E-02	1.12E-03	1.27E-02	1.18E-03	1.22E-02	1.13E-03	1.22E-02	1.12E-03	1.22E-02	1.13E-03	1.22E-02	1.12E-03	4.98E-01	6.38E-02	6.53E+00	6.67E-01
1049 Gridded	1.22E-02	1.19E-03	1.22E-02	1.19E-03	1.29E-02	1.29E-03	1.29E-02	1.29E-03	6.35E-04	8.62E-05	1.22E-02	1.19E-03	1.50E-02	1.58E-03	1.50E-02	1.58E-03	1.22E-02	1.20E-03	1.29E-02	1.29E-03	1.23E-02	1.21E-03	1.22E-02	1.19E-03	1.23E-02	1.20E-03	1.22E-02	1.20E-03	4.69E-01	6.05E-02	7.00E+00	7.52E-01
1050 Gridded	1.09E-02	1.26E-03	1.09E-02	1.26E-03	1.14E-02	1.32E-03	1.14E-02	1.32E-03	6.88E-04	5.58E-05	1.09E-02	1.26E-03	1.36E-02	1.51E-03	1.36E-02	1.51E-03	1.09E-02	1.26E-03	1.14E-02	1.32E-03	1.10E-02	1.27E-03	1.09E-02	1.26E-03	1.10E-02	1.26E-03	1.09E-02	1.26E-03	5.15E-01	4.77E-02	6.43E+00	7.16E-01
1051 Gridded	7.45E-03	9.04E-04	7.41E-03	8.99E-04	8.05E-03	9.77E-04	8.05E-03	9.77E-04	5.68E-04	6.88E-05	7.42E-03	9.00E-04	1.00E-02	1.21E-03	1.00E-02	1.21E-03	7.45E-03	9.04E-04	8.05E-03	9.77E-04	7.52E-03	9.13E-04	7.44E-03	9.02E-04	7.49E-03	9.08E-04	7.46E-03	9.05E-04	2.91E-01	4.81E-02	4.22E+00	5.65E-01
1052 Gridded	7.28E-03	1.34E-03	7.26E-03	1.34E-03	7.69E-03	1.43E-03	7.69E-03	1.43E-03	5.85E-04	8.18E-05	7.26E-03	1.34E-03	9.01E-03	1.71E-03	9.01E-03	1.71E-03	7.28E-03	1.34E-03	7.69E-03	1.43E-03	7.33E-03	1.35E-03	7.27E-03	1.34E-03	7.31E-03	1.35E-03	7.29E-03	1.34E-03	3.00E-01	5.91E-02	3.95E+00	8.03E-01
1053 Gridded	9.76E-03	1.19E-03	9.75E-03	1.18E-03	1.03E-02	1.27E-03	1.03E-02	1.27E-03	5.79E-04	9.05E-05	9.75E-03	1.18E-03	1.23E-02	1.56E-03	1.23E-02	1.56E-03	9.76E-03	1.19E-03	1.03E-02	1.27E-03	9.80E-03	1.20E-03	9.76E-03	1.19E-03	9.78E-03	1.19E-03	9.77E-03	1.19E-03	3.27E-01	6.87E-02	5.37E+00	7.35E-01
1054 Gridded	1.07E-02	1.49E-03	1.07E-02	1.48E-03	1.12E-02	1.60E-03	1.12E-02	1.60E-03	6.40E-04	1.10E-04	1.07E-02	1.48E-03	1.27E-02	1.98E-03	1.27E-02	1.98E-03	1.07E-02	1.49E-03	1.12E-02	1.60E-03	1.07E-02	1.50E-03	1.07E-02	1.48E-03	1.07E-02	1.49E-03	1.07E-02	1.49E-03	3.66E-01	8.05E-02	5.84E+00	8.95E-01
1055 Gridded	8.27E-03	1.70E-03	8.25E-03	1.70E-03	8.60E-03	1.79E-03	8.60E-03	1.79E-03	6.92E-04	8.61E-05	8.26E-03	1.70E-03	9.64E-03	2.08E-03	9.64E-03	2.08E-03	8.28E-03	1.70E-03	8.60E-03	1.79E-03	8.32E-03	1.71E-03	8.27E-03	1.70E-03	8.29E-03	1.71E-03	8.28E-03	1.70E-03	3.08E-01	8.38E-02	4.51E+00	9.63E-01
1056 Gridded	7.23E-03	1.71E-03	7.20E-03	1.71E-03	7.65E-03	1.85E-03	7.65E-03	1.85E-03	5.08E-04	1.33E-04	7.20E-03	1.71E-03	9.03E-03	2.27E-03	9.03E-03	2.27E-03	7.23E-03	1.71E-03	7.65E-03	1.85E-03	7.28E-03	1.73E-03	7.22E-03	1.71E-03	7.25E-03	1.72E-03	7.23E-03	1.72E-03	3.86E-01	1.21E-01	4.10E+00	1.08E+00
1057 Gridded	6.31E-03	2.11E-03	6.29E-03	2.10E-03	6.67E-03	2.27E-03	6.67E-03	2.27E-03	3.73E-04	1.49E-04	6.29E-03	2.10E-03	7.83E-03	2.78E-03	7.83E-03	2.78E-03	6.31E-03	2.11E-03	6.67E-03	2.27E-03	6.36E-03	2.13E-03	6.30E-03	2.11E-03	6.33E-03	2.12E-03	6.32E-03	2.12E-03	3.80E-01	1.09E-01	3.56E+00	1.26E+00
1058 Gridded	4.87E-03	1.79E-03	4.85E-03	1.78E-03	5.13E-03	1.89E-03	5.13E-03	1.89E-03	3.52E-04	9.90E-05	4.85E-03	1.78E-03	6.20E-03	2.23E-03	6.20E-03	2.23E-03	4.87E-03	1.79E-03	5.13E-03	1.89E-03	4.90E-03	1.80E-03	4.86E-03	1.78E-03	4.88E-03	1.79E-03	4.87E-03	1.79E-03	2.74E-01	8.94E-02	2.75E+00	1.01E+00
1059 Gridded	5.19E-03	1.29E-03	5.18E-03	1.29E-03	5.38E-03	1.40E-03	5.38E-03	1.40E-03	4.50E-04	1.02E-04	5.18E-03	1.29E-03	5.98E-03	1.75E-03	5.98E-03	1.75E-03	5.19E-03	1.29E-03	5.38E-03	1.40E-03	5.21E-03	1.31E-03	5.19E-03	1.29E-03	5.20E-03	1.30E-03	5.19E-03	1.30E-03	2.69E-01	8.44E-02	3.06E+00	8.07E-01
1060 Gridded	4.70E-03	1.42E-03	4.68E-03	1.42E-03	4.96E-03	1.53E-03	4.96E-03	1.53E-03	3.62E-04	9.96E-05	4.68E-03	1.42E-03	5.80E-03	1.87E-03	5.80E-03	1.87E-03	4.70E-03	1.42E-03	4.96E-03	1.53E-03	4.73E-03	1.44E-03	4.69E-03	1.42E-03	4.71E-03	1.43E-03	4.70E-03	1.43E-03	3.70E-01	7.19E-02	2.65E+00	8.50E-01
1061 Gridded	4.73E-03	1.02E-03	4.71E-03	1.02E-03	4.99E-03	1.09E-03	4.99E-03	1.09E-03	2.70E-04	6.39E-05	4.72E-03	1.02E-03	5.83E-03	1.31E-03	5.83E-03	1.31E-03	4.73E-03	1.02E-03	4.99E-03	1.09E-03	4.76E-03	1.03E-03	4.72E-03	1.02E-03	4.75E-03	1.03E-03	4.73E-03	1.02E-03	2.92E-01	6.85E-02	2.64E+00	5.95E-01
1062 Gridded	5.91E-03	6.35E-04	5.90E-03	6.32E-04	6.08E-03	6.83E-04	6.08E-03	6.83E-04	2.33E-04	4.66E-05	5.90E-03	6.32E-04	6.63E-03	8.40E-04	6.63E-03	8.40E-04	5.91E-03	6.35E-04	6.08E-03	6.83E-04	5.93E-03	6.41E-04	5.90E-03	6.34E-04	5.92E-03	6.38E-04	5.91E-03	6.35E-04	2.05E-01	6.55E-02	3.22E+00	3.96E-01
1063 Gridded	7.13E-03	5.56E-04	7.11E-03	5.54E-04	7.33E-03	5.95E-04	7.33E-03	5.95E-04	2.19E-04	4.49E-05	7.12E-03	5.54E-04	7.97E-03	7.20E-04	7.97E-03	7.20E-04	7.13E-03	5.56E-04	7.33E-03	5.95E-04	7.15E-03	5.61E-04	7.12E-03	5.55E-04	7.14E-03	5.59E-04	7.13E-03	5.57E-04	1.81E-01	6.14E-02	3.86E+00	3.63E-01
1064 Gridded	7.40E-03	5.74E-04	7.39E-03	5.71E-04	7.60E-03	6.17E-04	7.60E-03	6.17E-04	3.20E-04	4.67E-05	7.39E-03	5.71E-04	8.26E-03	7.59E-04	8.26E-03	7.59E-04	7.40E-03	5.74E-04	7.60E-03	6.17E-04	7.42E-03	5.79E-04	7.39E-03	5.73E-04	7.41E-03	5.76E-04	7.40E-03	5.74E-04	2.00E-01	5.98E-02	3.99E+00	3.62E-01
1065 Gridded	7.39E-03	7.67E-04	7.39E-03	7.63E-04	7.89E-03	8.23E-04	7.89E-03	8.23E-04	5.68E-04	5.25E-05	7.39E-03	7.64E-04	9.85E-03	1.00E-03	9.85E-03	1.00E-03	7.39E-03	7.67E-04	7.89E-03	8.23E-04	7.39E-03	7.74E-04	7.39E-03	7.65E-04	7.39E-03	7.70E-04	7.39E-03	7.67E-04	2.81E-01	5.41E-02	4.31E+00	4.46E-01
1066 Gridded	1.11E-02	8.98E-04	1.10E-02	8.94E-04	1.19E-02	9.59E-04	1.19E-02	9.59E-04	7.55E-04	5.77E-05	1.10E-02	8.95E-04	1.45E-02	1.16E-03	1.45E-02	1.16E-03	1.11E-02	8.98E-04	1.19E-02	9.59E-04	1.12E-02	9.06E-04	1.10E-02	8.97E-04	1.11E-02	9.02E-04	1.11E-02	8.99E-04	3.26E-01	4.81E-02	6.37E+00	5.14E-01
1067 Gridded	1.13E-02	7.95E-04	1.13E-02	7.92E-04	1.21E-02	8.49E-04	1.21E-02	8.49E-04	7.54E-04	5.10E-05	1.13E-02	7.92E-04	1.47E-02	1.03E-03	1.47E-02	1.03E-03	1.13E-02	7.95E-04	1.21E-02	8.49E-04	1.14E-02	8.02E-04	1.13E-02	7.94E-04	1.14E-02	7.98E-04	1.13E-02	7.96E-04	2.78E-01	5.04E-02	6.42E+00	4.50E-01
1068 Gridded	8.83E-03	8.89E-04	8.79E-03	8.86E-04	9.43E-03	9.31E-04	9.43E-03	9.31E-04	5.63E-04	7.60E-05	8.79E-03	8.87E-04	1.14E-02	1.19E-03	1.14E-02	1.19E-03	8.83E-03	8.89E-04	9.43E-03	9.31E-04	8.90E-03	8.94E-04	8.81E-03	8.88E-04	8.86E-03	8.91E-04	8.83E-03	8.89E-04	3.30E-01	7.26E-02	4.96E+00	5.21E-01
1069 Gridded	8.13E-03	1.24E-03	8.13E-03	1.23E-03	8.14E-03	1.35E-03	8.14E-03	1.35E-03	4.28E-04	1.03E-04	8.13E-03	1.24E-03	8.20E-03	1.71E-03	8.20E-03	1.71E-03	8.13E-03	1.24E-03	8.14E-03	1.35E-03	8.13E-03	1.25E-03	8.13E-03	1.24E-03	8.13E-03	1.25E-03	8.13E-03	1.24E-03	3.65E-01	8.16E-02	4.55E+00	7.90E-01
1070 Gridded	6.41E-03	1.53E-03	6.38E-03	1.52E-03	6.88E-03	1.65E-03	6.88E-03	1.65E-03	4.78E-04	1.16E-04	6.38E-03	1.52E-03	8.42E-03	2.05E-03	8.42E-03	2.05E-03	6.41E-03	1.53E-03	6.88E-03	1.65E-03	6.47E-03	1.54E-03	6.40E-03	1.53E-03	6.44E-03	1.54E-03	6.41E-03	1.53E-03	3.56E-01	7.33E-02	3.67E+00	9.25E-01
1071 Gridded	5.48E-03	1.43E-03	5.45E-03	1.42E-03	5.85E-03	1.53E-03	5.85E-03	1.53E-03	4.09E-04	1.02E-04	5.46E-03	1.42E-03	7.13E-03	1.88E-03	7.13E-03	1.88E-03	5.48E-03	1.43E-03	5.85E-03	1.53E-03	5.52E-03	1.44E-03	5.47E-03	1.42E-03	5.50E-03	1.43E-03	5.48E-03	1.43E-03	2.90E-01	5.75E-02	3.13E+00	8.42E-01
1072 Gridded	7.17E-03	1.21E-03	7.14E-03	1.20E-03	7.59E-03	1.27E-03	7.59E-03	1.27E-03	4.24E-04	5.85E-05	7.15E-03	1.20E-03	8.94E-03	1.46E-03	8.94E-03	1.46E-03	7.17E-03	1.21E-03	7.59E-03	1.27E-03	7.22E-03	1.21E-03	7.16E-03	1.20E-03	7.19E-03	1.21E-03	7.17E-03	1.21E-03	2.71E-01	3.88E-02	3.92E+00	6.50E-01
1073 Gridded	6.67E-03	9.13E-04	6.64E-03	9.10E-04	7.00E-03	9.58E-04	7.00E-03	9.58E-04	3.80E-04	5.38E-05	6.65E-03	9.10E-04	8.08E-03	1.11E-03	8.08E-03	1.11E-03	6.67E-03	9.13E-04	7.00E-03	9.58E-04	6.71E-03	9.19E-04	6.66E-03	9.12E-04	6.69E-03	9.16E-04	6.67E-03	9.13E-04	2.69E-01	3.81E-02	3.66E+00	4.93E-01
1074 Gridded	6.27E-03	7.28E-04	6.25E-03	7.26E-04	6.52E-03	7.65E-04	6.52E-03	7.65E-04	3.38E-04	5.06E-05	6.26E-03	7.26E-04	7.33E-03	8.83E-04	7.33E-03	8.83E-04	6.27E-03	7.29E-04	6.52E-03	7.65E-04	6.30E-03	7.33E-04	6.27E-03	7.28E-04	6.29E-03	7.31E-04	6.27E-03	7.29E-04	2.68E-01	3.69E-02	3.44E+00	3.94E-01
1075 Gridded	5.20E-03	6.45E-04	5.19E-03	6.42E-04	5.28E-03	6.90E-04	5.28E-03	6.90E-04	2.79E-04	4.17E-05	5.19E-03	6.43E-04	5.84E-03	8.34E-04	5.84E-03	8.34E-04	5.20E-03	6.45E-04	5.28E-03	6.90E-04	5.21E-03	6.51E-04	5.20E-03	6.44E-04	5.20E-03	6.48E-04	5.20E-03	6.46E-04	2.26E-01	3.37E-02	3.13E+00	3.61E-01
1076 Gridded	7.15E-03	6.80E-04	7.15E-03	6.78E-04	7.27E-03	7.25E-04	7.27E-03	7.25E-04	2.65E-04	4.14E-05	7.15E-03	6.78E-04	7.64E-03	8.67E-04	7.64E-03	8.67E-04	7.15E-03	6.81E-04	7.27E-03	7.25E-04	7.17E-03	6.86E-04	7.15E-03	6.79E-04	7.16E-03	6.83E-04	7.15E-03	6.81E-04	2.32E-01	3.29E-02	4.25E+00	3.80E-01
1077 Gridded	8.27E-03	6.71E-04	8.26E-03	6.69E-04	8.41E-03	7.12E-04	8.41E-03	7.12E-04	2.75E-04	3.96E-05	8.26E-03	6.69E-04	8.86E-03	8.45E-04	8.86E-03	8.45E-04	8.27E-03	6.71E-04	8.41E-03	7.12E-04	8.29E-03	6.76E-04	8.27E-03	6.70E-04	8.28E-03	6.74E-04	8.27E-03	6.72E-04	2.42E-01	3.08E-02	4.86E+00	3.76E-01
1078 Gridded	8.26E-03	6.79E-04	8.25E-03	6.76E-04	8.42E-03	7.18E-04	8.42E-03	7.18E-04	3.20E-04	3.83E-05	8.25E-03	6.77E-04	8.92E-03	8.47E-04	8.92E-03	8.47E-04	8.26E-03	6.79E-04	8.42E-03	7.18E-04	8.28E-03	6.84E-04	8.26E-03	6.78E-04	8.27E-03	6.81E-04	8.26E-03	6.79E-04	2.17E-01	3.05E-02	4.82E+00	3.81E-01
1079 Gridded	7.11E-03	6.96E-04	7.10E-03	6.94E-04	7.28E-03	7.35E-04	7.28E-03	7.35E-04	3.69E-04	3.72E-05	7.10E-03	6.94E-04	7.83E-03	8.63E-04	7.83E-03	8.63E-04	7.11E-03	6.96E-04	7.28E-03	7.35E-04	7.13E-03	7.01E-04	7.11E-03	6.95E-04	7.12E-03	6.99E-04	7.11E-03	6.97E-04	1.85E-01	3.17E-02	4.14E+00	3.91E-01
1080 Gridded	6.31E-03	6.91E-04	6.29E-03	6.88E-04	6.64E-03	7.29E-04	6.64E-03	7.29E-04	4.09E-04	4.17E-05	6.29E-03	6.89E-04	7.73E-03	8.51E-04	7.73E-03	8.51E-04	6.31E-03	6.91E-04	6.64E-03	7.29E-04	6.35E-03	6.96E-04	6.30E-03	6.90E-04	6.33E-03	6.93E-04	6.31E-03	6.91E-04	2.00E-01	3.32E-02	3.39E+00	3.88E-01
1081 Gridded	5.66E-03	6.73E-04	5.64E-03	6.71E-04	6.02E-03	7.16E-04	6.02E-03	7.16E-04	4.24E-04	4.65E-05	5.64E-03	6.71E-04	7.18E-03	8.54E-04	7.18E-03	8.54E-04	5.66E-03	6.74E-04	6.02E-03	7.16E-04	5.70E-03	6.79E-04	5.65E-03	6.73E-04	5.68E-03	6.76E-04	5.66E-03	6.74E-04	2.06E-01	3.39E-02	3.21E+00	4.18E-01
1082 Gridded	5.77E-03	8.00E-04	5.77E-03	7.97E-04	5.77E-03	8.50E-04	5.77E-03	8.50E-04	4.33E-04	5.18E-05	5.77E-03	7.98E-04	6.32E-03	1.01E-03	6.32E-03	1.01E-03	5.77E-03	8.01E-04	5.77E-03	8.50E-04	5.77E-03	8.06E-04	5.77E-03	7.99E-04	5.77E-03	8.03E-04	5.77E-03	8.01E-04	2.18E-01	3.95E-02	3.35E+00	4.91E-01
1083 Gridded	5.83E-03	9.82E-04	5.83E-03	9.78E-04	5.83E-03	1.04E-03	5.83E-03	1.04E-03	4.36E-04	5.88E-05	5.83E-03	9.79E-04	6.07E-03	1.23E-03	6.07E-03	1.23E-03	5.83E-03	9.82E-04	5.83E-03	1.04E-03	5.83E-03	9.89E-04	5.83E-03	9.80E-04	5.83E-03	9.85E-04	5.83E-03	9.82E-04	2.53E-01	5.27E-02	3.43E+00	5.93E-01
1084 Gridded	5.30E-03	9.91E-04	5.30E-03	9.87E-04	5.30E-03	1.05E-03	5.30E-03	1.05E-03	4.06E-04	6.01E-05	5.30E-03	9.88E-04	5.35E-03	1.24E-03	5.35E-03	1.24E-03	5.30E-03	9.91E-04	5.30E-03	1.05E-03	5.30E-03	9.98E-04	5.30E-03	9.90E-04	5.30E-03	9.94E-04	5.30E-03	9.92E-04	2.69E-01	6.15E-02	3.17E+00	5.92E-01
1085 Gridded	4.76E-03	9.10E-04	4.76E-03	9.06E-04	4.76E-03	9.64E-04	4.76E-03	9.64E-04	4.04E-04	5.99E-05	4.76E-03	9.07E-04	5.63E-03	1.14E-03	5.63E-03	1.14E-03	4.76E-03	9.10E-04	4.76E-03	9.64E-04	4.76E-03	9.17E-04	4.76E-03	9.09E-04	4.76E-03	9.13E-04	4.76E-03	9.11E-04	2.78E-01	6.29E-02	2.87E+00	5.36E-01
1086 Gridded	6.22E-03	9.77E-04	6.22E-03	9.73E-04	6.22E-03	1.04E-03	6.22E-03	1.04E-03	3.64E-04	5.83E-05	6.22E-03	9.74E-04	6.27E-03	1.24E-03	6.27E-03	1.24E-03	6.22E-03	9.77E-04	6.22E-03	1.04E-03	6.22E-03	9.85E-04	6.22E-03	9.76E-04	6.22E-03	9.81E-04	6.22E-03	9.78E-04	2.48E-01	5.50E-02	3.54E+00	5.43E-01
1087 Gridded	8.24E-03	1.07E-03	8.24E-03	1.07E-03	8.24E-03	1.09E-03	8.24E-03	1.09E-03	1.02E-03	6.40E-05	8.24E-03	1.07E-03	8.24E-03	1.20E-03	8.24E-03	1.20E-03	8.24E-03	1.07E-03	8.24E-03	1.09E-03	8.24E-03	1.07E-03	8.24E-03	1.07E-03	8.24E-03	1.07E-03	8.24E-03	1.07E-03	2.58E-01	4.48E-02	4.57E+00	6.03E-01
1088 Gridded	6.59E-03	9.94E-04	6.59E-03	9.90E-04	6.59E-03	1.06E-03	6.59E-03	1.06E-03	6.57E-04	6.90E-05	6.59E-03	9.91E-04	6.59E-03	1.28E-03	6.59E-03	1.28E-03	6.59E-03	9.95E-04	6.59E-03	1.06E-03	6.59E-03	1.00E-03	6.59E-03	9.93E-04	6.59E-03	9.98E-04	6.59E-03	9.95E-04	2.36E-01	5.87E-02	3.78E+00	5.94E-01
1089 Gridded	7.54E-03	1.11E-03	7.54E-03	1.11E-03	7.57E-03	1.18E-03	7.57E-03	1.18E-03	5.66E-04	6.77E-05	7.54E-03	1.11E-03	7.80E-03	1.40E-03	7.80E-03	1.40E-03	7.54E-03	1.11E-03	7.57E-03	1.18E-03	7.55E-03	1.12E-03	7.54E-03	1.11E-03	7.54E-03	1.12E-03	7.54E-03	1.11E-03	2.53E-01	8.13E-02	4.03E+00	6.75E-01
1090 Gridded	1.31E-02	1.16E-03	1.31E-02	1.15E-03	1.31E-02	1.23E-03	1.31E-02	1.23E-03	4.50E-04	7.38E-05	1.31E-02	1.15E-03	1.31E-02	1.47E-03	1.31E-02	1.47E-03	1.31E-02	1.16E-03	1.31E-02	1.23E-03	1.31E-02	1.17E-03	1.31E-02	1.15E-03	1.31E-02	1.16E-03	1.31E-02	1.16E-03	2.83E-01	7.41E-02	7.00E+00	7.65E-01
1091 Gridded	8.52E-03	1.36E-03	8.52E-03	1.36E-03	8.56E-03	1.44E-03	8.56E-03	1.44E-03	5.50E-04	7.65E-05	8.52E-03	1.36E-03	8.76E-03	1.71E-03	8.76E-03	1.71E-03	8.52E-03	1.36E-03	8.56E-03	1.44E-03	8.53E-03	1.37E-03	8.52E-03	1.36E-03	8.52E-03	1.37E-03	8.52E-03	1.36E-03	3.82E-01	7.26E-02	4.56E+00	8.27E-01
1092 Gridded	1.07E-02	9.35E-04	1.06E-02	9.30E-04	1.19E-02	1.00E-03	1.19E-02	1.00E-03	1.12E-03	8.24E-05	1.06E-02	9.31E-04	1.58E-02	1.23E-03	1.58E-02	1.23E-03	1.07E-02	9.35E-04	1.19E-02	1.00E-03	1.09E-02	9.43E-04	1.07E-02	9.33E-04	1.08E-02	9.39E-04	1.07E-02	9.36E-04	4.83E-01	6.28E-02	6.85E+00	6.15E-01
1093 Gridded	2.44E-02	1.80E-03	2.43E-02	1.79E-03	2.58E-02	1.90E-03	2.58E-02	1.90E-03	1.29E-03	9.75E-05	2.43E-02	1.79E-03	3.02E-02	2.24E-03	3.02E-02	2.24E-03	2.44E-02	1.80E-03	2.58E-02	1.90E-03	2.46E-02	1.81E-03	2.44E-02	1.80E-03	2.45E-02	1.80E-03	2.44E-02	1.80E-03	4.80E-01	9.89E-02	1.38E+01	1.03E+00
1094 Gridded	1.03E-02	9.52E-04	1.03E-02	9.48E-04	1.05E-02	1.02E-03	1.05E-02	1.02E-03	5.11E-04	9.70E-05	1.03E-02	9.48E-04	1.08E-02	1.26E-03	1.08E-02	1.26E-03	1.03E-02	9.52E-04	1.05E-02	1.02E-03	1.04E-02	9.61E-04	1.03E-02	9.51E-04	1.03E-02	9.56E-04	1.03E-02	9.53E-04	4.93E-01	1.01E-01	5.86E+00	6.88E-01
1095 Gridded	1.07E-02	1.28E-03	1.06E-02	1.28E-03	1.10E-02	1.37E-03	1.10E-02	1.37E-03	6.98E-04	9.52E-05	1.06E-02	1.28E-03	1.20E-02	1.65E-03	1.20E-02	1.65E-03	1.07E-02	1.28E-03	1.10E-02	1.37E-03	1.07E-02	1.29E-03	1.07E-02	1.28E-03	1.07E-02	1.29E-03	1.07E-02	1.28E-03	6.55E-01	6.89E-02	6.36E+00	7.40E-01
1096 Gridded	1.31E-02	1.27E-03	1.31E-02	1.26E-03	1.40E-02	1.31E-03	1.40E-02	1.31E-03	8.69E-04	7.13E-05	1.31E-02	1.26E-03	1.70E-02	1.46E-03	1.70E-02	1.46E-03	1.31E-02	1.27E-03	1.40E-02	1.31E-03	1.32E-02	1.27E-03	1.31E-02	1.27E-03	1.32E-02	1.27E-03	1.31E-02	1.27E-03	5.69E-01	8.44E-02	7.68E+00	7.37E-01
1097 Gridded	1.52E-02	1.16E-03	1.51E-02	1.16E-03	1.59E-02	1.23E-03	1.59E-02	1.23E-03	6.92E-04	7.59E-05	1.51E-02	1.16E-03	1.82E-02	1.44E-03	1.82E-02	1.44E-03	1.52E-02	1.16E-03	1.59E-02	1.23E-03	1.53E-02	1.17E-03	1.52E-02	1.16E-03	1.52E-02	1.17E-03	1.52E-02	1.16E-03	5.93E-01	9.82E-02	8.82E+00	7.22E-01
1098 Gridded	1.18E-02	9.59E-04	1.18E-02	9.54E-04	1.24E-02	1.04E-03	1.24E-02	1.04E-03	5.18E-04	7.35E-05	1.18E-02	9.55E-04	1.42E-02	1.29E-03	1.42E-02	1.29E-03	1.18E-02	9.59E-04	1.24E-02	1.04E-03	1.19E-02	9.69E-04	1.18E-02	9.57E-04	1.19E-02	9.64E-04	1.18E-02	9.60E-04	6.20E-01	9.73E-02	6.81E+00	6.28E-01
1099 Gridded	1.61E-02	1.13E-03	1.60E-02	1.12E-03	1.68E-02	1.21E-03	1.68E-02	1.21E-03	8.80E-04	7.28E-05	1.60E-02	1.12E-03	1.93E-02	1.46E-03	1.93E-02	1.46E-03	1.61E-02	1.13E-03	1.68E-02	1.21E-03	1.62E-02	1.14E-03	1.61E-02	1.13E-03	1.61E-02	1.13E-03	1.61E-02	1.13E-03	5.77E-01	6.77E-02	8.67E+00	7.13E-01
1100 Gridded	1.38E-02	1.58E-03	1.37E-02	1.57E-03	1.46E-02	1.67E-03	1.46E-02	1.67E-03	7.48E-04	8.83E-05	1.37E-02	1.57E-03	1.71E-02	1.98E-03	1.71E-02	1.98E-03	1.38E-02	1.58E-03	1.46E-02	1.67E-03	1.39E-02	1.59E-03	1.37E-02	1.58E-03	1.38E-02	1.58E-03	1.38E-02	1.58E-03	5.98E-01	5.21E-02	7.90E+00	9.39E-01
1101 Gridded	9.84E-03	9.41E-04	9.80E-03	9.39E-04	1.06E-02	1.03E-03	1.06E-02	1.03E-03	6.72E-04	8.62E-05	9.80E-03	9.39E-04	1.29E-02	1.33E-03	1.29E-02	1.33E-03	9.85E-03	9.41E-04	1.06E-02	1.03E-03	9.93E-03	9.52E-04	9.83E-03	9.40E-04	9.89E-03	9.46E-04	9.85E-03	9.42E-04	4.88E-01	6.49E-02	5.57E+00	6.20E-01
1102 Gridded	7.88E-03	1.55E-03	7.85E-03	1.54E-03	8.34E-03	1.65E-03	8.34E-03	1.65E-03	6.13E-04	9.68E-05	7.85E-03	1.54E-03	9.85E-03	1.98E-03	9.85E-03	1.98E-03	7.88E-03	1.55E-03	8.34E-03	1.65E-03	7.94E-03	1.56E-03	7.87E-03	1.54E-03	7.91E-03	1.55E-03	7.88E-03	1.55E-03	3.40E-01	7.41E-02	4.39E+00	9.30E-01
1103 Gridded	1.13E-02	1.49E-03	1.13E-02	1.48E-03	1.16E-02	1.60E-03	1.16E-02	1.60E-03	6.04E-04	1.10E-04	1.13E-02	1.48E-03	1.36E-02	1.98E-03	1.36E-02	1.98E-03	1.13E-02	1.49E-03	1.16E-02	1.60E-03	1.14E-02	1.50E-03	1.13E-02	1.48E-03	1.13E-02	1.49E-03	1.13E-02	1.49E-03	3.69E-01	8.92E-02	6.32E+00	9.21E-01
1104 Gridded	1.12E-02	1.93E-03	1.12E-02	1.92E-03	1.17E-02	2.06E-03	1.17E-02	2.06E-03	7.70E-04	1.21E-04	1.12E-02	1.92E-03	1.33E-02	2.48E-03	1.33E-02	2.48E-03	1.12E-02	1.93E-03	1.17E-02	2.06E-03	1.13E-02	1.95E-03	1.12E-02	1.93E-03	1.12E-02	1.94E-03	1.12E-02	1.93E-03	3.88E-01	8.87E-02	6.17E+00	1.13E+00
1105 Gridded	8.20E-03	1.65E-03	8.18E-03	1.64E-03	8.88E-03	1.77E-03	8.88E-03	1.77E-03	7.72E-04	1.19E-04	8.18E-03	1.64E-03	1.15E-02	2.19E-03	1.15E-02	2.19E-03	8.20E-03	1.65E-03	8.88E-03	1.77E-03	8.24E-03	1.66E-03	8.19E-03	1.64E-03	8.22E-03	1.66E-03	8.20E-03	1.65E-03	3.68E-01	1.11E-01	4.79E+00	1.03E+00
1106 Gridded	7.61E-03	1.94E-03	7.58E-03	1.93E-03	8.04E-03	2.09E-03	8.04E-03	2.09E-03	5.51E-04	1.47E-04	7.59E-03	1.93E-03	9.41E-03	2.60E-03	9.41E-03	2.60E-03	7.61E-03	1.94E-03	8.04E-03	2.09E-03	7.67E-03	1.96E-03	7.60E-03	1.93E-03	7.64E-03	1.95E-03	7.62E-03	1.94E-03	4.54E-01	1.14E-01	4.31E+00	1.17E+00
1107 Gridded	6.20E-03	2.07E-03	6.18E-03	2.06E-03	6.54E-03	2.19E-03	6.54E-03	2.19E-03	4.09E-04	1.12E-04	6.18E-03	2.06E-03	7.62E-03	2.57E-03	7.62E-03	2.57E-03	6.20E-03	2.07E-03	6.54E-03	2.19E-03	6.24E-03	2.08E-03	6.19E-03	2.07E-03	6.22E-03	2.08E-03	6.20E-03	2.07E-03	4.09E-01	1.02E-01	3.49E+00	1.17E+00
1108 Gridded	4.89E-03	1.48E-03	4.87E-03	1.47E-03	5.16E-03	1.60E-03	5.16E-03	1.60E-03	4.72E-04	1.15E-04	4.87E-03	1.47E-03	6.04E-03	2.00E-03	6.04E-03	2.00E-03	4.89E-03	1.48E-03	5.16E-03	1.60E-03	4.92E-03	1.49E-03	4.88E-03	1.48E-03	4.90E-03	1.49E-03	4.89E-03	1.48E-03	3.35E-01	9.58E-02	2.86E+00	9.12E-01
1109 Gridded	5.77E-03	1.59E-03	5.75E-03	1.58E-03	6.06E-03	1.70E-03	6.06E-03	1.70E-03	4.00E-04	1.03E-04	5.75E-03	1.59E-03	7.02E-03	2.06E-03	7.02E-03	2.06E-03	5.77E-03	1.59E-03	6.06E-03	1.70E-03	5.80E-03	1.61E-03	5.76E-03	1.59E-03	5.78E-03	1.60E-03	5.77E-03	1.59E-03	4.36E-01	9.07E-02	3.18E+00	9.30E-01
1110 Gridded	5.80E-03	1.04E-03	5.78E-03	1.04E-03	6.08E-03	1.10E-03	6.08E-03	1.10E-03	3.17E-04	7.03E-05	5.78E-03	1.04E-03	6.99E-03	1.30E-03	6.99E-03	1.30E-03	5.80E-03	1.04E-03	6.08E-03	1.10E-03	5.84E-03	1.05E-03	5.79E-03	1.04E-03	5.82E-03	1.05E-03	5.80E-03	1.04E-03	3.03E-01	9.66E-02	3.14E+00	5.93E-01
1111 Gridded	5.64E-03	7.85E-04	5.62E-03	7.81E-04	5.85E-03	8.39E-04	5.85E-03	8.39E-04	2.40E-04	6.71E-05	5.62E-03	7.82E-04	6.56E-03	1.03E-03	6.56E-03	1.03E-03	5.64E-03	7.85E-04	5.85E-03	8.39E-04	5.66E-03	7.92E-04	5.63E-03	7.84E-04	5.65E-03	7.88E-04	5.64E-03	7.86E-04	2.81E-01	9.01E-02	3.03E+00	5.30E-01
1112 Gridded	7.03E-03	6.18E-04	7.01E-03	6.14E-04	7.29E-03	6.81E-04	7.29E-03	6.81E-04	2.51E-04	5.91E-05	7.01E-03	6.15E-04	8.16E-03	8.85E-04	8.16E-03	8.85E-04	7.03E-03	6.19E-04	7.29E-03	6.81E-04	7.06E-03	6.26E-04	7.02E-03	6.17E-04	7.04E-03	6.22E-04	7.03E-03	6.19E-04	2.18E-01	7.09E-02	3.77E+00	4.43E-01
1113 Gridded	7.26E-03	5.25E-04	7.24E-03	5.22E-04	7.56E-03	5.80E-04	7.56E-03	5.80E-04	2.76E-04	5.14E-05	7.25E-03	5.22E-04	8.51E-03	7.57E-04	8.51E-03	7.57E-04	7.26E-03	5.26E-04	7.56E-03	5.80E-04	7.30E-03	5.32E-04	7.26E-03	5.24E-04	7.28E-03	5.29E-04	7.27E-03	5.26E-04	1.94E-01	5.01E-02	3.89E+00	3.63E-01
1114 Gridded	6.53E-03	5.02E-04	6.51E-03	4.98E-04	6.82E-03	5.55E-04	6.82E-03	5.55E-04	2.70E-04	4.98E-05	6.51E-03	4.99E-04	7.75E-03	7.26E-04	7.75E-03	7.26E-04	6.53E-03	5.02E-04	6.82E-03	5.55E-04	6.56E-03	5.09E-04	6.52E-03	5.01E-04	6.55E-03	5.05E-04	6.53E-03	5.03E-04	2.23E-01	4.13E-02	3.49E+00	3.30E-01
1115 Gridded	5.29E-03	4.94E-04	5.27E-03	4.91E-04	5.54E-03	5.45E-04	5.54E-03	5.45E-04	2.56E-04	4.78E-05	5.28E-03	4.91E-04	6.35E-03	7.10E-04	6.35E-03	7.10E-04	5.29E-03	4.94E-04	5.54E-03	5.45E-04	5.32E-03	5.00E-04	5.28E-03	4.93E-04	5.31E-03	4.97E-04	5.29E-03	4.95E-04	2.51E-01	4.92E-02	2.83E+00	3.09E-01
1116 Gridded	6.14E-03	5.26E-04	6.14E-03	5.24E-04	6.14E-03	5.55E-04	6.14E-03	5.55E-04	2.84E-04	4.34E-05	6.14E-03	5.24E-04	6.14E-03	6.81E-04	6.14E-03	6.81E-04	6.14E-03	5.26E-04	6.14E-03	5.55E-04	6.14E-03	5.29E-04	6.14E-03	5.25E-04	6.14E-03	5.27E-04	6.14E-03	5.26E-04	2.89E-01	6.00E-02	3.29E+00	3.38E-01
1117 Gridded	6.09E-03	6.11E-04	6.09E-03	6.09E-04	6.10E-03	6.40E-04	6.10E-03	6.40E-04	2.79E-04	4.51E-05	6.09E-03	6.10E-04	6.13E-03	7.52E-04	6.13E-03	7.52E-04	6.09E-03	6.11E-04	6.10E-03	6.40E-04	6.09E-03	6.15E-04	6.09E-03	6.11E-04	6.09E-03	6.13E-04	6.09E-03	6.12E-04	2.99E-01	6.52E-02	3.37E+00	3.94E-01
1118 Gridded	3.82E-03	7.02E-04	3.80E-03	6.98E-04	4.15E-03	7.61E-04	4.15E-03	7.61E-04	3.09E-04	5.59E-05	3.80E-03	6.99E-04	5.22E-03	9.54E-04	5.22E-03	9.54E-04	3.82E-03	7.02E-04	4.15E-03	7.61E-04	3.86E-03	7.09E-04	3.82E-03	7.01E-04	3.84E-03	7.05E-04	3.83E-03	7.03E-04	3.59E-01	6.03E-02	2.74E+00	4.60E-01
1119 Gridded	4.49E-03	1.20E-03	4.46E-03	1.20E-03	4.84E-03	1.29E-03	4.84E-03	1.29E-03	3.95E-04	8.34E-05	4.47E-03	1.20E-03	5.99E-03	1.58E-03	5.99E-03	1.58E-03	4.49E-03	1.20E-03	4.84E-03	1.29E-03	4.53E-03	1.21E-03	4.48E-03	1.20E-03	4.51E-03	1.21E-03	4.49E-03	1.20E-03	4.29E-01	5.26E-02	2.83E+00	7.09E-01
1120 Gridded	7.25E-03	1.85E-03	7.22E-03	1.84E-03	7.77E-03	1.96E-03	7.77E-03	1.96E-03	5.23E-04	1.07E-04	7.23E-03	1.84E-03	9.45E-03	2.33E-03	9.45E-03	2.33E-03	7.26E-03	1.85E-03	7.77E-03	1.96E-03	7.32E-03	1.86E-03	7.24E-03	1.85E-03	7.29E-03	1.86E-03	7.26E-03	1.85E-03	4.23E-01	5.20E-02	4.10E+00	1.04E+00
1121 Gridded	6.07E-03	1.28E-03	6.07E-03	1.28E-03	6.08E-03	1.36E-03	6.08E-03	1.36E-03	5.70E-04	6.99E-05	6.07E-03	1.28E-03	7.01E-03	1.60E-03	7.01E-03	1.60E-03	6.07E-03	1.28E-03	6.08E-03	1.36E-03	6.07E-03	1.29E-03	6.07E-03	1.28E-03	6.07E-03	1.29E-03	6.07E-03	1.28E-03	4.00E-01	3.96E-02	3.36E+00	7.16E-01
1122 Gridded	6.82E-03	1.04E-03	6.82E-03	1.04E-03	6.83E-03	1.10E-03	6.83E-03	1.10E-03	5.65E-04	6.06E-05	6.82E-03	1.04E-03	7.59E-03	1.28E-03	7.59E-03	1.28E-03	6.82E-03	1.04E-03	6.83E-03	1.10E-03	6.82E-03	1.05E-03	6.82E-03	1.04E-03	6.82E-03	1.04E-03	6.82E-03	1.04E-03	3.57E-01	3.40E-02	3.74E+00	5.76E-01
1123 Gridded	6.05E-03	1.17E-03	6.04E-03	1.16E-03	6.22E-03	1.25E-03	6.22E-03	1.25E-03	4.30E-04	7.65E-05	6.04E-03	1.16E-03	7.36E-03	1.51E-03	7.36E-03	1.51E-03	6.05E-03	1.17E-03	6.22E-03	1.25E-03	6.07E-03	1.18E-03	6.04E-03	1.17E-03	6.06E-03	1.17E-03	6.05E-03	1.17E-03	3.24E-01	5.14E-02	3.25E+00	6.54E-01

Scenario 2 Results

1124	Gridded	5.20E-03	1.08E-03	5.19E-03	1.07E-03	5.35E-03	1.15E-03	5.35E-03	1.15E-03	3.90E-04	6.88E-05	5.20E-03	1.07E-03	6.41E-03	1.39E-03	6.41E-03	1.39E-03	5.20E-03	1.08E-03	5.35E-03	1.15E-03	5.22E-03	1.09E-03	5.20E-03	1.08E-03	5.21E-03	1.08E-03	5.20E-03	1.08E-03	3.31E-01	4.64E-02	2.80E+00	6.06E-01
1125	Gridded	4.95E-03	1.12E-03	4.93E-03	1.12E-03	5.25E-03	1.20E-03	5.25E-03	1.20E-03	4.30E-04	6.89E-05	4.93E-03	1.12E-03	6.34E-03	1.44E-03	6.34E-03	1.44E-03	4.95E-03	1.12E-03	5.25E-03	1.20E-03	4.98E-03	1.13E-03	4.94E-03	1.12E-03	4.96E-03	1.13E-03	4.95E-03	1.13E-03	3.52E-01	4.48E-02	3.00E+00	6.30E-01
1126	Gridded	5.19E-03	9.44E-04	5.18E-03	9.40E-04	5.36E-03	1.00E-03	5.36E-03	1.00E-03	3.95E-04	5.66E-05	5.18E-03	9.40E-04	6.17E-03	1.20E-03	6.17E-03	1.20E-03	5.19E-03	9.44E-04	5.36E-03	1.00E-03	5.21E-03	9.51E-04	5.19E-03	9.42E-04	5.20E-03	9.47E-04	5.19E-03	9.44E-04	3.38E-01	4.61E-02	2.90E+00	5.29E-01
1127	Gridded	5.36E-03	6.50E-04	5.35E-03	6.48E-04	5.45E-03	6.91E-04	5.45E-03	6.91E-04	2.88E-04	3.84E-05	5.35E-03	6.48E-04	5.74E-03	8.24E-04	5.74E-03	8.24E-04	5.36E-03	6.51E-04	5.45E-03	6.91E-04	5.37E-03	6.56E-04	5.36E-03	6.50E-04	5.36E-03	6.53E-04	5.36E-03	6.51E-04	3.04E-01	4.27E-02	3.06E+00	3.65E-01
1128	Gridded	5.99E-03	5.13E-04	5.98E-03	5.11E-04	6.08E-03	5.45E-04	6.08E-03	5.45E-04	2.32E-04	3.47E-05	5.98E-03	5.12E-04	6.37E-03	6.47E-04	6.37E-03	6.47E-04	5.99E-03	5.13E-04	6.08E-03	5.45E-04	6.00E-03	5.17E-04	5.99E-03	5.13E-04	5.99E-03	5.15E-04	5.99E-03	5.14E-04	2.69E-01	4.07E-02	3.36E+00	2.97E-01
1129	Gridded	6.58E-03	5.26E-04	6.57E-03	5.23E-04	6.67E-03	5.64E-04	6.67E-03	5.64E-04	2.42E-04	3.77E-05	6.57E-03	5.24E-04	6.98E-03	6.88E-04	6.98E-03	6.88E-04	6.58E-03	5.26E-04	6.67E-03	5.64E-04	6.59E-03	5.31E-04	6.58E-03	5.25E-04	6.59E-03	5.28E-04	6.58E-03	5.26E-04	2.27E-01	3.86E-02	3.63E+00	3.31E-01
1130	Gridded	6.97E-03	5.81E-04	6.96E-03	5.79E-04	7.07E-03	6.22E-04	7.07E-03	6.22E-04	2.75E-04	4.12E-05	6.96E-03	5.79E-04	7.39E-03	7.62E-04	7.39E-03	7.62E-04	6.97E-03	5.82E-04	7.07E-03	6.22E-04	6.98E-03	5.87E-04	6.96E-03	5.81E-04	6.97E-03	5.84E-04	6.97E-03	5.82E-04	2.36E-01	3.80E-02	3.87E+00	3.62E-01
1131	Gridded	7.27E-03	6.19E-04	7.26E-03	6.16E-04	7.37E-03	6.65E-04	7.37E-03	6.65E-04	3.34E-04	4.32E-05	7.26E-03	6.17E-04	8.34E-03	8.14E-04	8.34E-03	8.14E-04	7.27E-03	6.20E-04	7.37E-03	6.65E-04	7.28E-03	6.25E-04	7.26E-03	6.18E-04	7.27E-03	6.22E-04	7.27E-03	6.20E-04	2.17E-01	3.89E-02	3.94E+00	3.83E-01
1132	Gridded	7.56E-03	6.33E-04	7.55E-03	6.30E-04	7.67E-03	6.78E-04	7.67E-03	6.78E-04	3.59E-04	4.27E-05	7.55E-03	6.30E-04	8.12E-03	8.25E-04	8.12E-03	8.25E-04	7.56E-03	6.33E-04	7.67E-03	6.78E-04	7.57E-03	6.38E-04	7.56E-03	6.32E-04	7.57E-03	6.35E-04	7.56E-03	6.33E-04	1.85E-01	3.97E-02	4.09E+00	3.89E-01
1133	Gridded	8.12E-03	6.61E-04	8.11E-03	6.58E-04	8.24E-03	7.08E-04	8.24E-03	7.08E-04	3.66E-04	4.35E-05	8.11E-03	6.59E-04	8.65E-03	8.58E-04	8.65E-03	8.58E-04	8.12E-03	6.61E-04	8.24E-03	7.08E-04	8.13E-03	6.67E-04	8.11E-03	6.60E-04	8.12E-03	6.64E-04	8.12E-03	6.62E-04	2.03E-01	4.36E-02	4.38E+00	4.06E-01
1134	Gridded	9.09E-03	7.38E-04	9.08E-03	7.35E-04	9.24E-03	7.92E-04	9.24E-03	7.92E-04	4.36E-04	5.04E-05	9.08E-03	7.35E-04	9.73E-03	9.65E-04	9.73E-03	9.65E-04	9.09E-03	7.38E-04	9.24E-03	7.92E-04	9.11E-03	7.45E-04	9.09E-03	7.37E-04	9.10E-03	7.41E-04	9.09E-03	7.39E-04	2.36E-01	5.06E-02	4.89E+00	4.48E-01
1135	Gridded	9.51E-03	8.29E-04	9.49E-03	8.25E-04	9.68E-03	8.91E-04	9.68E-03	8.91E-04	4.68E-04	5.82E-05	9.50E-03	8.26E-04	1.02E-02	1.09E-03	1.02E-02	1.09E-03	9.51E-03	8.30E-04	9.68E-03	8.91E-04	9.53E-03	8.37E-04	9.50E-03	8.28E-04	9.52E-03	8.33E-04	9.51E-03	8.30E-04	2.54E-01	5.21E-02	5.10E+00	4.90E-01
1136	Gridded	9.57E-03	9.17E-04	9.55E-03	9.12E-04	9.76E-03	9.88E-04	9.76E-03	9.88E-04	4.28E-04	6.65E-05	9.56E-03	9.13E-04	1.04E-02	1.22E-03	1.04E-02	1.22E-03	9.57E-03	9.17E-04	9.76E-03	9.88E-04	9.59E-03	9.26E-04	9.56E-03	9.15E-04	9.58E-03	9.21E-04	9.57E-03	9.18E-04	2.69E-01	6.30E-02	5.13E+00	5.53E-01
1137	Gridded	8.82E-03	9.43E-04	8.81E-03	9.38E-04	9.04E-03	1.02E-03	9.04E-03	1.02E-03	3.42E-04	7.13E-05	8.81E-03	9.39E-04	9.77E-03	1.26E-03	9.77E-03	1.26E-03	8.82E-03	9.43E-04	9.04E-03	1.02E-03	8.85E-03	9.53E-04	8.82E-03	9.42E-04	8.84E-03	9.48E-04	8.82E-03	9.44E-04	3.05E-01	8.03E-02	4.73E+00	5.81E-01
1138	Gridded	7.32E-03	9.46E-04	7.30E-03	9.41E-04	7.58E-03	1.02E-03	7.58E-03	1.02E-03	3.76E-04	7.33E-05	7.30E-03	9.42E-04	8.43E-03	1.28E-03	8.43E-03	1.28E-03	7.32E-03	9.46E-04	7.58E-03	1.02E-03	7.35E-03	9.55E-04	7.31E-03	9.44E-04	7.33E-03	9.50E-04	7.32E-03	9.47E-04	4.55E-01	9.23E-02	3.92E+00	5.95E-01
1139	Gridded	7.81E-03	1.06E-03	7.81E-03	1.06E-03	7.81E-03	1.14E-03	7.81E-03	1.14E-03	1.12E-03	6.85E-05	7.81E-03	1.06E-03	7.81E-03	1.37E-03	7.81E-03	1.37E-03	7.81E-03	1.07E-03	7.81E-03	1.14E-03	7.81E-03	1.07E-03	7.81E-03	1.06E-03	7.81E-03	1.07E-03	7.81E-03	1.07E-03	4.30E-01	8.47E-02	4.45E+00	6.35E-01
1140	Gridded	5.72E-03	1.21E-03	5.70E-03	1.20E-03	6.09E-03	1.28E-03	6.09E-03	1.28E-03	6.89E-04	7.38E-05	5.70E-03	1.20E-03	7.30E-03	1.54E-03	7.30E-03	1.54E-03	5.73E-03	1.21E-03	6.09E-03	1.28E-03	5.77E-03	1.21E-03	5.72E-03	1.20E-03	5.75E-03	1.21E-03	5.73E-03	1.21E-03	2.92E-01	6.24E-02	3.25E+00	7.11E-01
1141	Gridded	8.61E-03	1.38E-03	8.61E-03	1.37E-03	8.63E-03	1.47E-03	8.63E-03	1.47E-03	4.14E-04	8.77E-05	8.61E-03	1.37E-03	8.71E-03	1.77E-03	8.71E-03	1.77E-03	8.61E-03	1.38E-03	8.63E-03	1.47E-03	8.61E-03	1.39E-03	8.61E-03	1.37E-03	8.61E-03	1.38E-03	8.61E-03	1.38E-03	3.09E-01	8.66E-02	4.61E+00	8.33E-01
1142	Gridded	1.38E-02	1.52E-03	1.38E-02	1.51E-03	1.38E-02	1.63E-03	1.38E-02	1.63E-03	3.48E-04	9.75E-05	1.38E-02	1.52E-03	1.38E-02	1.96E-03	1.38E-02	1.96E-03	1.38E-02	1.52E-03	1.38E-02	1.63E-03	1.38E-02	1.53E-03	1.38E-02	1.52E-03	1.38E-02	1.53E-03	1.38E-02	1.52E-03	3.45E-01	1.15E-01	7.37E+00	9.54E-01
1143	Gridded	9.86E-03	1.47E-03	9.86E-03	1.46E-03	9.89E-03	1.57E-03	9.89E-03	1.57E-03	4.47E-04	9.16E-05	9.86E-03	1.46E-03	9.99E-03	1.88E-03	9.99E-03	1.88E-03	9.86E-03	1.47E-03	9.89E-03	1.57E-03	9.87E-03	1.48E-03	9.86E-03	1.47E-03	9.86E-03	1.47E-03	9.86E-03	1.47E-03	4.88E-01	9.00E-02	5.29E+00	9.86E-01
1144	Gridded	6.33E-03	1.14E-03	6.31E-03	1.14E-03	6.75E-03	1.20E-03	6.75E-03	1.20E-03	7.82E-04	6.78E-05	6.31E-03	1.14E-03	8.11E-03	1.42E-03	8.11E-03	1.42E-03	6.33E-03	1.14E-03	6.75E-03	1.20E-03	6.39E-03	1.15E-03	6.32E-03	1.14E-03	6.36E-03	1.14E-03	6.34E-03	1.14E-03	8.25E-01	7.86E-02	4.19E+00	6.83E-01
1145	Gridded	2.17E-02	1.60E-03	2.16E-02	1.59E-03	2.33E-02	1.71E-03	2.33E-02	1.71E-03	1.51E-03	1.05E-04	2.16E-02	1.59E-03	2.85E-02	2.07E-03	2.85E-02	2.07E-03	2.17E-02	1.60E-03	2.33E-02	1.71E-03	2.19E-02	1.61E-03	2.17E-02	1.59E-03	2.18E-02	1.60E-03	2.17E-02	1.60E-03	5.29E-01	1.19E-01	1.29E+01	9.71E-01
1146	Gridded	1.02E-02	1.14E-03	1.02E-02	1.14E-03	1.08E-02	1.19E-03	1.08E-02	1.19E-03	6.55E-04	1.15E-04	1.02E-02	1.14E-03	1.26E-02	1.47E-03	1.26E-02	1.47E-03	1.02E-02	1.14E-03	1.08E-02	1.19E-03	1.03E-02	1.15E-03	1.02E-02	1.14E-03	1.03E-02	1.14E-03	1.03E-02	1.14E-03	8.11E-01	1.20E-01	6.03E+00	7.84E-01
1147	Gridded	1.17E-02	1.31E-03	1.17E-02	1.30E-03	1.26E-02	1.37E-03	1.26E-02	1.37E-03	8.62E-04	8.78E-05	1.17E-02	1.30E-03	1.53E-02	1.59E-03	1.53E-02	1.59E-03	1.17E-02	1.31E-03	1.26E-02	1.37E-03	1.18E-02	1.31E-03	1.17E-02	1.30E-03	1.18E-02	1.31E-03	1.17E-02	1.31E-03	9.46E-01	8.73E-02	8.30E+00	8.35E-01
1148	Gridded	2.18E-02	1.53E-03	2.17E-02	1.52E-03	2.29E-02	1.62E-03	2.29E-02	1.62E-03	1.00E-03	8.57E-05	2.17E-02	1.53E-03	2.63E-02	1.92E-03	2.63E-02	1.92E-03	2.18E-02	1.53E-03	2.29E-02	1.62E-03	2.19E-02	1.54E-03	2.18E-02	1.53E-03	2.19E-02	1.54E-03	2.18E-02	1.53E-03	8.41E-01	1.08E-01	1.28E+01	9.59E-01
1149	Gridded	1.47E-02	1.19E-03	1.47E-02	1.19E-03	1.53E-02	1.25E-03	1.53E-02	1.25E-03	6.11E-04	6.92E-05	1.47E-02	1.19E-03	1.74E-02	1.43E-03	1.74E-02	1.43E-03	1.47E-02	1.19E-03	1.53E-02	1.25E-03	1.48E-02	1.20E-03	1.47E-02	1.19E-03	1.47E-02	1.19E-03	1.47E-02	1.19E-03	7.71E-01	1.01E-01	8.52E+00	7.01E-01
1150	Gridded	1.71E-02	1.36E-03	1.71E-02	1.35E-03	1.81E-02	1.47E-03	1.81E-02	1.47E-03	9.70E-04	1.05E-04	1.71E-02	1.35E-03	2.10E-02	1.83E-03	2.10E-02	1.83E-03	1.72E-02	1.36E-03	1.81E-02	1.47E-03	1.73E-02	1.37E-03	1.71E-02	1.36E-03	1.72E-02	1.37E-03	1.72E-02	1.36E-03	5.39E-01	9.67E-02	1.00E+01	8.91E-01
1151	Gridded	1.34E-02	1.45E-03	1.33E-02	1.44E-03	1.42E-02	1.50E-03	1.42E-02	1.50E-03	7.94E-04	9.34E-05	1.33E-02	1.44E-03	1.70E-02	1.69E-03	1.70E-02	1.69E-03	1.34E-02	1.45E-03	1.42E-02	1.50E-03	1.35E-02	1.45E-03	1.34E-02	1.44E-03	1.34E-02	1.45E-03	1.34E-02	1.45E-03	7.19E-01	8.29E-02	7.60E+00	8.28E-01
1152	Gridded	9.46E-03	2.04E-03	9.42E-03	2.03E-03	1.00E-02	2.18E-03	1.00E-02	2.18E-03	6.92E-04	1.40E-04	9.43E-03	2.03E-03	1.19E-02	2.62E-03	1.19E-02	2.62E-03	9.46E-03	2.04E-03	1.00E-02	2.18E-03	9.53E-03	2.06E-03	9.45E-03	2.04E-03	9.50E-03	2.05E-03	9.47E-03	2.04E-03	4.67E-01	1.12E-01	5.15E+00	1.24E+00
1153	Gridded	1.29E-02	2.15E-03	1.28E-02	2.14E-03	1.33E-02	2.32E-03	1.33E-02	2.32E-03	7.25E-04	1.60E-04	1.28E-02	2.14E-03	1.55E-02	2.87E-03	1.55E-02	2.87E-03	1.29E-02	2.15E-03	1.33E-02	2.32E-03	1.29E-02	2.17E-03	1.29E-02	2.15E-03	1.29E-02	2.16E-03	1.29E-02	2.15E-03	4.84E-01	1.19E-01	7.19E+00	1.31E+00
1154	Gridded	1.18E-02	2.03E-03	1.17E-02	2.03E-03	1.23E-02	2.14E-03	1.23E-02	2.14E-03	9.87E-04	1.39E-04	1.17E-02	2.03E-03	1.47E-02	2.47E-03	1.47E-02	2.47E-03	1.18E-02	2.03E-03	1.23E-02	2.14E-03	1.18E-02	2.05E-03	1.18E-02	2.03E-03	1.18E-02	2.04E-03	1.18E-02	2.03E-03	4.63E-01	1.23E-01	6.54E+00	1.15E+00
1155	Gridded	1.10E-02	2.22E-03	1.10E-02	2.21E-03	1.20E-02	2.37E-03	1.20E-02	2.37E-03	8.89E-04	1.62E-04	1.10E-02	2.21E-03	1.51E-02	2.86E-03	1.51E-02	2.86E-03	1.10E-02	2.22E-03	1.20E-02	2.37E-03	1.12E-02	2.24E-03	1.10E-02	2.22E-03	1.11E-02	2.23E-03	1.11E-02	2.22E-03	4.97E-01	1.31E-01	6.60E+00	1.33E+00
1156	Gridded	7.68E-03	1.90E-03	7.65E-03	1.89E-03	8.17E-03	2.00E-03	8.17E-03	2.00E-03	5.72E-04	1.08E-04	7.66E-03	1.89E-03	1.01E-02	2.36E-03	1.01E-02	2.36E-03	7.68E-03	1.90E-03	8.17E-03	2.00E-03	7.73E-03	1.91E-03	7.67E-03	1.89E-03	7.71E-03	1.90E-03	7.69E-03	1.90E-03	5.00E-01	1.03E-01	4.70E+00	1.07E+00
1157	Gridded	6.16E-03	1.47E-03	6.15E-03	1.46E-03	6.45E-03	1.59E-03	6.45E-03	1.59E-03	4.21E-04	1.10E-04	6.15E-03	1.47E-03	7.67E-03	1.97E-03	7.67E-03	1.97E-03	6.17E-03	1.47E-03	6.45E-03	1.59E-03	6.20E-03	1.49E-03	6.16E-03	1.47E-03	6.18E-03	1.48E-03	6.17E-03	1.47E-03	3.81E-01	9.24E-02	3.63E+00	8.92E-01
1158	Gridded	7.19E-03	1.32E-03	7.16E-03	1.32E-03	7.55E-03	1.40E-03	7.55E-03	1.40E-03	3.63E-04	8.23E-05	7.17E-03	1.32E-03	8.71E-03	1.68E-03	8.71E-03	1.68E-03	7.19E-03	1.32E-03	7.55E-03	1.40E-03	7.23E-03	1.33E-03	7.18E-03	1.32E-03	7.21E-03	1.33E-03	7.19E-03	1.32E-03	4.21E-01	1.14E-01	4.01E+00	7.58E-01
1159	Gridded	7.21E-03	1.01E-03	7.19E-03	1.01E-03	7.54E-03	1.08E-03	7.54E-03	1.08E-03	3.15E-04	9.16E-05	7.19E-03	1.01E-03	8.62E-03	1.38E-03	8.62E-03	1.38E-03	7.21E-03	1.01E-03	7.54E-03	1.08E-03	7.25E-03	1.02E-03	7.20E-03	1.01E-03	7.23E-03	1.01E-03	7.21E-03	1.01E-03	3.80E-01	1.20E-01	3.98E+00	7.02E-01
1160	Gridded	6.41E-03	9.87E-04	6.39E-03	9.80E-04	6.70E-03	1.09E-03	6.70E-03	1.09E-03	4.08E-04	9.93E-05	6.40E-03	9.81E-04	7.62E-03	1.44E-03	7.62E-03	1.44E-03	6.41E-03	9.88E-04	6.70E-03	1.09E-03	6.45E-03	1.00E-03	6.41E-03	9.85E-04	6.43E-03	9.93E-04	6.42E-03	9.88E-04	3.65E-01	1.09E-01	3.52E+00	6.89E-01
1161	Gridded	7.73E-03	9.16E-04	7.71E-03	9.09E-04	8.08E-03	1.02E-03	8.08E-03	1.02E-03	3.58E-04	9.54E-05	7.71E-03	9.10E-04	9.21E-03	1.35E-03	9.21E-03	1.35E-03	7.73E-03	9.16E-04	8.08E-03	1.02E-03	7.78E-03	9.29E-04	7.72E-03	9.14E-04	7.75E-03	9.22E-04	7.74E-03	9.17E-04	4.20E-01	8.22E-02	4.14E+00	6.03E-01
1162	Gridded	8.16E-03	6.98E-04	8.13E-03	6.93E-04	8.55E-03	7.71E-04	8.55E-03	7.71E-04	3.69E-04	6.88E-05	8.14E-03	6.94E-04	9.83E-03	1.01E-03	9.83E-03	1.01E-03	8.16E-03	6.99E-04	8.55E-03	7.71E-04	8.21E-03	7.07E-04	8.15E-03	6.97E-04	8.18E-03	7.03E-04	8.17E-03	6.99E-04	3.29E-01	5.18E-02	4.36E+00	4.36E-01
1163	Gridded	7.26E-03	5.94E-04	7.23E-03	5.90E-04	7.66E-03	6.50E-04	7.66E-03	6.50E-04	3.73E-04	5.23E-05	7.24E-03	5.91E-04	8.94E-03	8.30E-04	8.94E-03	8.30E-04	7.26E-03	5.94E-04	7.66E-03	6.50E-04	7.31E-03	6.01E-04	7.25E-03	5.93E-04	7.28E-03	5.97E-04	7.26E-03	5.95E-04	2.40E-01	5.00E-02	3.88E+00	3.54E-01
1164	Gridded	5.61E-03	5.16E-04	5.58E-03	5.13E-04	5.96E-03	5.55E-04	5.96E-03	5.55E-04	3.31E-04	3.95E-05	5.59E-03	5.14E-04	7.10E-03	6.87E-04	7.10E-03	6.87E-04	5.61E-03	5.16E-04	5.96E-03	5.55E-04	5.65E-03	5.21E-04	5.60E-03	5.15E-04	5.63E-03	5.18E-04	5.61E-03	5.16E-04	2.10E-01	4.41E-02	3.00E+00	3.10E-01
1165	Gridded	4.00E-03	5.11E-04	3.99E-03	5.09E-04	4.29E-03	5.48E-04	4.29E-03	5.48E-04	2.65E-04	3.70E-05	3.99E-03	5.09E-04	5.20E-03	6.68E-04	5.20E-03	6.68E-04	4.01E-03	5.12E-04	4.29E-03	5.48E-04	4.04E-03	5.16E-04	4.00E-03	5.11E-04	4.02E-03	5.14E-04	4.01E-03	5.12E-04	2.14E-01	4.07E-02	2.17E+00	3.18E-01
1166	Gridded	3.71E-03	5.19E-04	3.69E-03	5.17E-04	3.93E-03	5.58E-04	3.93E-03	5.58E-04	2.14E-04	3.66E-05	3.69E-03	5.17E-04	4.67E-03	6.84E-04	4.67E-03	6.84E-04	3.71E-03	5.19E-04	3.93E-03	5.58E-04	3.73E-03	5.24E-04	3.70E-03	5.18E-04	3.72E-03	5.22E-04	3.71E-03	5.20E-04	2.03E-01	3.78E-02	2.14E+00	3.21E-01
1167	Gridded	3.99E-03	4.85E-04	3.97E-03	4.83E-04	4.23E-03	5.20E-04	4.23E-03	5.20E-04	2.25E-04	3.25E-05	3.98E-03	4.83E-04	5.01E-03	6.32E-04	5.01E-03	6.32E-04	3.99E-03	4.85E-04	4.23E-03	5.20E-04	4.02E-03	4.90E-04	3.99E-03	4.85E-04	4.01E-03	4.87E-04	3.99E-03	4.86E-04	2.84E-01	3.23E-02	2.31E+00	2.94E-01
1168	Gridded	4.18E-03	4.46E-04	4.17E-03	4.44E-04	4.42E-03	4.76E-04	4.42E-03	4.76E-04	2.71E-04	2.89E-05	4.17E-03	4.44E-04	5.21E-03	5.73E-04	5.21E-03	5.73E-04	4.18E-03	4.46E-04	4.42E-03	4.76E-04	4.21E-03	4.50E-04	4.18E-03	4.45E-04	4.20E-03	4.48E-04	4.18E-03	4.46E-04	4.04E-01	3.89E-02	2.42E+00	2.63E-01
1169	Gridded	4.19E-03	4.81E-04	4.17E-03	4.78E-04	4.43E-03	5.15E-04	4.43E-03	5.15E-04	4.04E-04	4.56E-05	4.17E-03	4.79E-04	5.21E-03	6.25E-04	5.21E-03	6.25E-04	4.19E-03	4.81E-04	4.43E-03	5.15E-04	4.22E-03	4.85E-04	4.18E-03	4.80E-04	4.20E-03	4.83E-04	4.19E-03	4.81E-04	4.73E-01	4.63E-02	2.72E+00	3.02E-01
1170	Gridded	7.16E-03	7.35E-04	7.16E-03	7.29E-04	7.17E-03	8.19E-04	7.17E-03	8.19E-04	7.90E-04	7.90E-05	7.16E-03	7.30E-04	8.23E-03	1.09E-03	8.23E-03	1.09E-03	7.16E-03	7.35E-04	7.17E-03	8.19E-04	7.16E-03	7.45E-04	7.16E-03	7.33E-04	7.16E-03	7.40E-04	7.16E-03	7.36E-04	4.70E-01	4.59E-02	3.94E+00	4.45E-01
1171	Gridded	8.30E-03	9.43E-04	8.30E-03	9.37E-04	8.47E-03	1.03E-03	8.47E-03	1.03E-03	8.31E-04	8.25E-05	8.30E-03	9.38E-04	1.08E-02	1.32E-03	1.08E-02	1.32E-03	8.30E-03	9.43E-04	8.47E-03	1.03E-03	8.30E-03	9.54E-04	8.30E-03	9.41E-04	8.30E-03	9.48E-04	8.30E-03	9.44E-04	3.33E-01	4.55E-02	4.54E+00	5.44E-01
1172	Gridded	6.75E-03	8.05E-04	6.72E-03	8.01E-04	7.29E-03	8.72E-04	7.29E-03	8.72E-04	6.05E-04	6.22E-05	6.72E-03	8.02E-04	9.01E-03	1.09E-03	9.01E-03	1.09E-03	6.75E-03	8.06E-04	7.29E-03	8.72E-04	6.82E-03	8.14E-04	6.74E-03	8.04E-04	6.78E-03	8.09E-04	6.76E-03	8.06E-04	2.41E-01	3.86E-02	3.90E+00	4.58E-01
1173	Gridded	5.81E-03	6.61E-04	5.79E-03	6.58E-04	6.19E-03	7.10E-04	6.19E-03	7.10E-04	4.90E-04	4.56E-05	5.79E-03	6.59E-04	7.43E-03	8.67E-04	7.43E-03	8.67E-04	5.81E-03	6.61E-04	6.19E-03	7.10E-04	5.86E-03	6.67E-04	5.80E-03	6.60E-04	5.83E-03	6.64E-04	5.82E-03	6.62E-04	2.21E-01	3.31E-02	3.26E+00	3.73E-01
1174	Gridded	4.70E-03	6.68E-04	4.69E-03	6.65E-04	4.98E-03	7.14E-04	4.98E-03	7.14E-04	3.89E-04	4.29E-05	4.69E-03	6.65E-04	5.87E-03	8.62E-04	5.87E-03	8.62E-04	4.70E-03	6.68E-04	4.98E-03	7.14E-04	4.74E-03	6.74E-04	4.70E-03	6.67E-04	4.72E-03	6.71E-04	4.71E-03	6.68E-04	3.72E-01	8.17E-02	2.51E+00	4.05E-01
1175	Gridded	4.57E-03	6.19E-04	4.56E-03	6.16E-04	4.83E-03	6.61E-04	4.83E-03	6.61E-04	3.67E-04	4.13E-05	4.56E-03	6.17E-04	5.68E-03	8.01E-04	5.68E-03	8.01E-04	4.57E-03	6.19E-04	4.83E-03	6.61E-04	4.61E-03	6.24E-04	4.57E-03	6.18E-04	4.59E-03	6.21E-04	4.58E-03	6.19E-04	3.81E-01	8.30E-02	2.45E+00	3.78E-01
1176	Gridded	4.74E-03	6.05E-04	4.74E-03	6.02E-04	4.88E-03	6.47E-04	4.88E-03	6.47E-04	3.57E-04	4.31E-05	4.74E-03	6.02E-04	5.70E-03	7.84E-04	5.70E-03	7.84E-04	4.74E-03	6.05E-04	4.88E-03	6.47E-04	4.74E-03	6.10E-04	4.74E-03	6.04E-04	4.74E-03	6.07E-04	4.74E-03	6.05E-04	3.97E-01	8.53E-02	2.53E+00	3.69E-01
1177	Gridded	5.49E-03	6.02E-04	5.49E-03	6.01E-04	5.49E-03	6.17E-04	5.49E-03	6.17E-04	3.31E-04	4.42E-05	5.49E-03	6.01E-04	5.58E-03	7.55E-04	5.58E-03	7.55E-04	5.49E-03	6.02E-04	5.49E-03	6.17E-04	5.49E-03	6.03E-04	5.49E-03	6.02E-04	5.49E-03	6.02E-04	5.49E-03	6.02E-04	3.98E-01	8.52E-02	2.93E+00	3.74E-01
1178	Gridded	5.18E-03	5.24E-04	5.18E-03	5.23E-04	5.18E-03	5.45E-04	5.18E-03	5.45E-04	2.64E-04	3.96E-05	5.18E-03	5.23E-04	5.18E-03	6.82E-04	5.18E-03	6.82E-04	5.18E-03	5.24E-04	5.18E-03	5.45E-04	5.18E-03	5.24E-04	5.18E-03	5.24E-04	5.18E-03	5.24E-04	5.18E-03	5.24E-04	3.62E-01	7.69E-02	2.76E+00	3.39E-01
1179	Gridded	4.11E-03	5.15E-04	4.11E-03	5.12E-04	4.11E-03	5.57E-04	4.11E-03	5.57E-04	2.34E-04	3.96E-05	4.11E-03	5.13E-04	4.55E-03	6.94E-04	4.55E-03	6.94E-04	4.11E-03	5.15E-04	4.11E-03	5.57E-04	4.11E-03	5.20E-04	4.11E-03	5.14E-04	4.11E-03	5.17E-04	4.11E-03	5.15E-04	3.52E-01	7.27E-02	2.20E+00	3.43E-01
1180	Gridded	4.53E-03	5.28E-04	4.52E-03	5.25E-04	4.73E-03	5.70E-04	4.73E-03	5.70E-04	2.35E-04	3.94E-05	4.52E-03	5.26E-04	5.37E-03	7.06E-04	5.37E-03	7.06E-04	4.53E-03	5.28E-04	4.73E-03	5.70E-04	4.55E-03	5.33E-04	4.53E-03	5.27E-04	4.54E-03	5.30E-04	4.53E-03	5.28E-04	3.32E-01	6.77E-02	2.67E+00	3.45E-01
1181	Gridded	5.83E-03	4.89E-04	5.82E-03	4.86E-04	6.02E-03	5.26E-04	6.02E-03	5.26E-04	2.33E-04	3.55E-05	5.82E-03	4.87E-04	6.65E-03	6.49E-04	6.65E-03	6.49E-04	5.83E-03	4.89E-04	6.02E-03	5.26E-04	5.85E-03	4.93E-04	5.83E-03	4.88E-04	5.84E-03	4.91E-04	5.83E-03	4.89E-04	3.59E-01	5.86E-02	3.46E+00	3.13E-01
1182	Gridded	6.25E-03	4.00E-04	6.25E-03	3.98E-04	6.32E-03	4.28E-04	6.32E-03	4.28E-04	2.43E-04	2.75E-05	6.25E-03	3.98E-04	6.78E-03	5.21E-04	6.78E-03	5.21E-04	6.25E-03	4.00E-04	6.32E-03	4.28E-04	6.25E-03	4.03E-04	6.25E-03	3.99E-04	6.25E-03	4.01E-04	6.25E-03	4.00E-04	3.25E-01	4.79E-02	3.69E+00	2.71E-01
1183	Gridded	5.54E-03	4.04E-04	5.54E-03	4.02E-04	5.56E-03	4.35E-04	5.56E-03	4.35E-04	2.50E-04	2.88E-05	5.54E-03	4.02E-04	5.93E-03	5.34E-04	5.93E-03	5.34E-04	5.54E-03	4.04E-04	5.56E-03	4.35E-04	5.54E-03	4.08E-04	5.54E-03	4.03E-04	5.54E-03	4.06E-04	5.54E-03	4.04E-04	2.86E-01	4.00E-02	3.29E+00	2.83E-01
1184	Gridded	5.47E-03	4.54E-04	5.47E-03	4.52E-04	5.49E-03	4.85E-04	5.49E-03	4.85E-04	2.43E-04	3.24E-05	5.47E-03	4.52E-04	5.88E-03	5.96E-04	5.88E-03	5.96E-04	5.47E-03	4.54E-04	5.49E-03	4.85E-04	5.47E-03	4.58E-04	5.47E-03	4.53E-04	5.47E-03	4.56E-04	5.47E-03	4.54E-04	3.06E-01	4.00E-02	3.19E+00	3.11E-01
1185	Gridded	5.18E-03	5.24E-04	5.18E-03	5.21E-04	5.19E-03	5.57E-04	5.19E-03	5.57E-04	2.20E-04	3.52E-05	5.18E-03	5.22E-04	5.73E-03	6.66E-04	5.73E-03	6.66E-04	5.18E-03	5.24E-04	5.19E-03	5.57E-04	5.18E-03	5.28E-04	5.18E-03	5.23E-04	5.18E-03	5.26E-04	5.18E-03	5.24E-04	2.96E-01	4.16E-02	2.96E+00	3.36E-01
1186	Gridded	4.76E-03	6.31E-04	4.76E-03	6.29E-04	4.78E-03	6.74E-04	4.78E-03	6.74E-04	2.29E-04	4.05E-05	4.76E-03	6.29E-04	5.50E-03	8.14E-04	5.50E-03	8.14E-04	4.76E-03	6.32E-04	4.78E-03	6.74E-04	4.76E-03	6.37E-04	4.76E-03	6.31E-04	4.76E-03	6.34E-04	4.76E-03	6.32E-04	3.45E-01	4.39E-02	2.68E+00	3.66E-01
1187	Gridded	4.48E-03	7.82E-04	4.48E-03	7.78E-04	4.50E-03	8.39E-04	4.50E-03	8.39E-04	2.67E-04	5.34E-05	4.48E-03	7.79E-04	5.14E-03	1.02E-03	5.14E-03	1.02E-03	4.48E-03	7.82E-04	4.50E-03	8.39E-04	4.48E-03	7.89E-04	4.48E-03	7.81E-04	4.48E-03	7.85E-04	4.48E-03	7.83E-04	4.66E-01	5.19E-02	2.51E+00	4.54E-01
1188	Gridded	4.44E-03	9.14E-04	4.42E-03	9.09E-04	4.72E-03	9.84E-04	4.72E-03	9.84E-04	3.02E-04	6.55E-05	4.43E-03	9.10E-04	5.64E-03	1.21E-03	5.64E-03	1.21E-03	4.44E-03	9.14E-04	4.72E-03	9.84E-04	4.48E-03	9.23E-04	4.43E-03	9.13E-04	4.46E-03	9.18E-04	4.44E-03	9.15E-04	6.23E-01	5.70E-02	2.59E+00	5.34E-01
1189	Gridded	5.34E-03	1.10E-03	5.32E-03	1.09E-03	5.68E-03	1.18E-03	5.68E-03	1.18E-03	3.37E-04	8.09E-05	5.32E-03	1.09E-03	6.80E-03	1.46E-03	6.80E-03	1.46E-03	5.34E-03	1.10E-03	5.68E-03	1.18E-03	5.38E-03	1.11E-03	5.33E-03	1.09E-03	5.36E-03	1.10E-03	5.35E-03	1.10E-03	7.44E-01	6.55E-02	3.17E+00	6.48E-01
1190	Gridded	6.58E-03	1.30E-03	6.55E-03	1.29E-03	7.01E-03	1.40E-03	7.01E-03	1.40E-03	4.06E-04	9.48E-05	6.55E-03	1.29E-03	8.41E-03	1.73E-03	8.41E-03	1.73E-03	6.58E-03	1.30E-03	7.01E-03	1.40E-03	6.63E-03	1.31E-03	6.57E-03	1.30E-03	6.60E-03	1.30E-03	6.58E-03	1.30E-03	6.70E-01	9.14E-02	3.60E+00	7.83E-01
1191	Gridded	8.25E-03	1.24E-03	8.25E-03	1.23E-03	8.61E-03	1.34E-03	8.61E-03	1.34E-03	6.83E-04	9.62E-05	8.25E-03	1.23E-03	1.03E-02	1.67E-03	1.03E-02	1.67E-03	8.25E-03	1.24E-03	8.61E-03	1.34E-03	8.25E-03	1.25E-03	8.25E-03	1.24E-03	8.25E-03	1.24E-03	8.25E-03	1.24E-03	8.52E-01	1.25E-01	4.53E+00	7.85E-01
1192	Gridded	9.35E-03	1.30E-03	9.32E-03	1.29E-03	9.93E-03	1.38E-03	9.93E-03	1.38E-03	7.55E-04	8.52E-05	9.32E-03	1.29E-03	1.18E-02	1.67E-03	1.18E-02	1.67E-03	9.36E-03	1.30E-03	9.93E-03	1.38E-03	9.42E-03	1.31E-03	9.34E-03	1.29E-03	9.39E-03	1.30E-03	9.36E-03	1.30E-03	4.23E-01	1.21E-01	5.23E+00	8.00E-01
1193	Gridded	9.86E-03	1.57E-03	9.82E-03	1.56E-03	1.04E-02	1.68E-03	1.04E-02	1.68E-03	6.26E-04	1.04E-04	9.83E-03	1.56E-03	1.23E-02	2.04E-03	1.23E-02	2.04E-03	9.86E-03	1.57E-03	1.04E-02	1.68E-03	9.93E-03	1.58E-03	9.84E-03	1.57E-03	9.89E-03	1.58E-03	9.86E-03	1.57E-03	3.80E-01	8.28E-02	5.61E+00	9.46E-01
1194	Gridded	1.10E-02	1.87E-03	1.10E-02	1.86E-03	1.10E-02	2.01E-03	1.10E-02	2.01E-03	4.63E-04	1.29E-04	1.10E-02	1.86E-03	1.10E-02	2.45E-03	1.10E-02	2.45E-03	1.10E-02	1.87E-03	1.10E-02	2.01E-03	1.10E-02	1.89E-03	1.10E-02	1.87E-03	1.10E-02	1.88E-03	1.10E-02	1.87E-03	4.59E-01	1.09E-01	5.90E+00	1.15E+00
1195	Gridded	7.28E-03	1.63E-03	7.28E-03	1.62E-03	7.28E-03	1.75E-03	7.28E-03	1.75E-03	4.43E-04	1.21E-04	7.28E-03	1.62E-03	7.67E-03	2.17E-03	7.67E-03	2.17E-03	7.28E-03	1.63E-03	7.28E-03	1.75E-03	7.28E-03	1.64E-03	7.28E-03	1.62E-03	7.28E-03	1.63E-03	7.28E-03	1.63E-03	5.24E-01	1.42E-01	3.90E+00	1.08E+00
1196	Gridded	6.15E-03	1.72E-03	6.12E-03	1.71E-03	6.49E-03	1.87E-03	6.49E-03	1.87E-03	4.52E-04	1.36E-04	6.13E-03	1.72E-03	7.81E-03	2.34E-03	7.81E-03	2.34E-03	6.15E-03	1.72E-03	6.49E-03	1.87E-03	6.19E-03	1.74E-03	6.14E-03	1.72E-03	6.17E-03	1.73E-03	6.15E-03	1.72E-03	1.34E+00	9.94E-02	3.48E+00	1.09E+00
1197	Gridded	1.57E-02	2.14E-03	1.56E-02	2.13E-03	1.63E-02	2.28E-03	1.63E-02	2.28E-03	9.38E-04	1.29E-04	1.56E-02	2.13E-03	1.92E-02	2.72E-03	1.92E-02	2.72E-03	1.57E-02	2.14E-03	1.63E-02	2.28E-03	1.58E-02	2.16E-03	1.57E-02	2.14E-03	1.57E-02	2.15E-03	1.57E-02	2.14E-03	7.42E-01	1.52E-01	1.13E+01	1.40E+00
1198	Gridded	1.38E-02	1.27E-03	1.37E-02	1.26E-03	1.45E-02	1.32E-03	1.45E-02	1.32E-03	1.01E-03	8.64E-05	1.37E-02	1.26E-03	1.76E-02	1.48E-03	1.76E-02	1.48E-03	1.38E-02	1.27E-03	1.45E-02	1.32E-03	1.38E-02	1.27E-03	1.37E-02	1.27E-03	1.38E-02	1.27E-03	1.38E-02	1.27E-03	1.05E+00	1.23E-01	8.84E+00	7.89E-01
1199	Gridded	2.67E-02	2.00E-03	2.66E-02	1.99E-03	2.81E-02	2.14E-03	2.81E-02	2.14E-03	1.32E-03	1.27E-04	2.66E-02	1.99E-03	3.26E-02	2.58E-03	3.26E-02	2.58E-03	2.67E-02	2.00E-03	2.81E-02	2.14E-03	2.68E-02	2.02E-03	2.66E-02	2.00E-03	2.67E-02	2.01E-03	2.67E-02	2.00E-03	1.29E+00	1.15E-01	1.55E+01	1.29E+00
1200	Gridded	1.55E-02	1.31E-03	1.55E-02	1.31E-03	1.61E-02	1.37E-03	1.61E-02	1.37E-03	9.36E-04	7.57E-05	1.55E-02	1.31E-03	1.85E-02	1.56E-03	1.85E-02	1.56E-03	1.55E-02	1.31E-03	1.61E-02	1.37E-03	1.56E-02	1.32E-03	1.55E-02	1.31E-03	1.55E-02	1.32E-03	1.55E-02	1.31E-03	1.05E+00	9.51E-02	8.93E+00	7.88E-01
1201	Gridded	1.99E-02	2.05E-03	1.98E-02	2.04E-03	2.09E-02	2.15E-03	2.09E-02	2.15E-03	9.61E-04	8.95E-05	1.98E-02	2.04E-03	2.42E-02	2.45E-03	2.42E-02	2.45E-03	1.99E-02	2.05E-03	2.09E-02	2.15E-03	2.00E-02	2.06E-03	1.99E-02	2.05E-03	2.00E-02	2.06E-03	1.99E-02	2.05E-03	6.94E-01	7.71E-02	1.14E+01	1.22E+00
1202	Gridded	1.25E-02	2.29E-03	1.25E-02	2.28E-03	1.29E-02	2.45E-03	1.29E-02	2.45E-03	8.82E-04	1.50E-04	1.25E-02	2.28E-03	1.47E-02	2.97E-03	1.47E-02	2.97E-03	1.25E-02	2.29E-03	1.29E-02	2.45E-03	1.26E-02	2.31E-03	1.25E-02	2.29E-03	1.26E-02	2.30E-03	1.26E-02	2.29E-03	6.06E-01	1.49E-01	7.01E+00	1.43E+00
1203	Gridded	1.59E-02	3.07E-03	1.58E-02	3.06E-03	1.70E-02	3.29E-03	1.70E-02	3.29E-03	1.07E-03	2.04E-04	1.58E-02	3.06E-03	2.07E-02	4.00E-03	2.07E-02	4.00E-03	1.59E-02	3.08E-03	1.70E-02	3.29E-03	1.60E-02	3.10E-03	1.59E-02	3.07E-03	1.60E-02	3.09E-03	1.59E-02	3.08E-03	6.95E-01	1.75E-01	9.71E+00	1.81E+00
1204	Gridded	1.59E-02	3.08E-03	1.58E-02	3.06E-03	1.73E-02	3.29E-03	1.73E-02	3.29E-03	1.33E-03	2.24E-04	1.58E-02	3.07E-03	2.18E-02	3.99E-03	2.18E-02	3.99E-03	1.59E-02	3.08E-03	1.73E-02	3.29E-03	1.60E-02	3.11E-03	1.58E-02	3.07E-03	1.59E-02	3.09E-03	1.59E-02	3.08E-03	6.13E-01	1.88E-01	9.50E+00	1.84E+00
1205	Gridded	1.38E-02	2.31E-03	1.38E-02	2.30E-03	1.49E-02	2.43E-03	1.49E-02	2.43E-03	1.00E-03	1.48E-04	1.38E-02	2.30E-03	1.83E-02	2.82E-03	1.83E-02	2.82E-03	1.38E-02	2.31E-03	1.49E-02	2.43E-03	1.40E-02	2.32E-03	1.38E-02	2.30E-03	1.39E-02	2.31E-03	1.38E-02	2.31E-03	6.44E-01	1.38E-01	8.31E+00	1.29E+00
1206	Gridded	1.00E-02	1.63E-03	9.99E-03	1.62E-03	1.05E-02	1.74E-03	1.05E-02	1.74E-03	5.40E-04	1.08E-04	9.99E-03	1.62E-03	1.21E-02	2.12E-03	1.21E-02	2.12E-03	1.00E-02	1.63E-03	1.05E-02	1.74E-03	1.01E-02	1.64E-03	1.00E-02	1.63E-03	1.00E-02	1.64E-03	1.00E-02	1.63E-03	4.87E-01	1.35E-01	5.63E+00	9.60E-01
1207	Gridded	9.30E-03	1.08E-03	9.27E-03	1.08E-03	9.74E-03	1.17E-03	9.74E-03	1.17E-03	4.40E-04	9.76E-05	9.28E-03	1.08E-03	1.12E-02	1.51E-03	1.12E-02	1.51E-03	9.30E-03	1.08E-03	9.74E-03	1.17E-03	9.35E-03	1.09E-03	9.29E-03	1.08E-03	9.33E-03	1.09E-03	9.31E-03	1.08E-03	3.42E-01	1.22E-01	5.20E+00	7.65E-01
1208	Gridded	8.13E-03	1.02E-03	8.11E-03	1.01E-03	8.48E-03	1.12E-03	8.48E-03	1.12E-03	4.25E-04	9.77E-05	8.12E-03	1.01E-03	9.60E-03	1.46E-03	9.60E-03	1.46E-03	8.14E-03	1.02E-03	8.48E-03	1.12E-03	8.18E-03	1.03E-03	8.13E-03	1.02E-03	8.15E-03	1.02E-03	8.14E-03	1.02E-03	3.76E-01	9.70E-02	4.51E+00	6.85E-01
1209	Gridded	7.88E-03	1.00E-03	7.85E-03	9.95E-04	8.32E-03	1.11E-03	8.32E-03	1.11E-03	4.17E-04	9.82E-05	7.85E-03	9.96E-04	9.76E-03	1.44E-03	9.76E-03	1.44E-03	7.88E-03	1.00E-03	8.32E-03	1.11E-03	7.93E-03	1.01E-03	7.87E-03	9.99E-04	7.90E-03	1.01E-03	7.88E-03	1.00E-03	4.65E-01	7.18E-02	4.54E+00	6.27E-01
1210	Gridded	8.66E-03	9.40E-04	8.63E-03	9.35E-04	9.10E-03	1.03E-03	9.10E-03	1.03E-03	4.12E-04	8.06E-05	8.64E-03	9.36E-04	1.05E-02	1.30E-03	1.05E-02	1.30E-03	8.66E-03	9.41E-04	9.10E-03	1.03E-03	8.72E-03	9.51E-04	8.65E-03	9.39E-04	8.69E-03	9.45E-04	8.67E-03	9.41E-04	4.15E-01	8.09E-02	4.66E+00	5.54E-01
1211	Gridded	8.96E-03	8.30E-04	8.93E-03	8.25E-04	9.44E-03	8.94E-04	9.44E-03	8.94E-04	4.51E-04	6.05E-05	8.94E-03	8.26E-04	1.10E-02	1.10E-03	1.10E-02	1.10E-03	8.97E-03	8.30E-04	9.44E-03	8.94E-04	9.02E-03	8.38E-04	8.95E-03	8.28E-04	8.99E-03	8.34E-04	8.97E-03	8.30E-04	3.73E-01	7.29E-02	4.82E+00	4.98E-01
1212	Gridded	8.01E-03	7.83E-04	7.98E-03	7.80E-04	8.49E-03	8.40E-04	8.49E-03	8.40E-04	4.51E-04	5.36E-05	7.99E-03	7.80E-04	1.01E-02	1.03E-03	1.01E-02	1.03E-03	8.02E-03	7.83E-04	8.49E-03	8.40E-04	8.07E-03	7.90E-04	8.00E-03	7.82E-04	8.04E-03	7.87E-04	8.02E-03	7.84E-04	3.03E-01	5.21E-02	4.31E+00	4.63E-01
1213	Gridded	6.29E-03	7.31E-04	6.26E-03	7.28E-04	6.74E-03	7.80E-04	6.74E-03	7.80E-04	4.17E-04	4.64E-05	6.27E-03	7.28E-04	8.17E-03	9.40E-04	8.17E-03	9.40E-04	6.29E-03	7.31E-04	6.74E-03	7.80E-04	6.35E-03	7.37E-04	6.28E-03	7.30E-04	6.32E-03	7.34E-04	6.30E-03	7.31E-04	2.41E-01	3.64E-02	3.39E+00	4.27E-01
1214	Gridded	4.83E-03	6.41E-04	4.81E-03	6.38E-04	5.12E-03	6.82E-04	5.12E-03	6.82E-04	3.34E-04	3.85E-05	4.81E-03	6.38E-04	6.05E-03	8.14E-04	6.05E-03	8.14E-04	4.83E-03	6.41E-04	5.12E-03	6.82E-04	4.87E-03	6.46E-04	4.82E-03	6.40E-04	4.85E-03	6.43E-04	4.83E-03	6.41E-04	2.37E-01	3.30E-02	2.82E+00	3.71E-01
1215	Gridded	4.94E-03	5.33E-04	4.92E-03	5.30E-04	5.22E-03	5.66E-04	5.22E-03	5.66E-04	2.68E-04	3.12E-05	4.92E-03	5.31E-04	6.15E-03	6.73E-04	6.15E-03	6.73E-04	4.94E-03	5.33E-04	5.22E-03	5.66E-04	4.97E-03	5.37E-04	4.93E-03	5.32E-04	4.95E-03	5.35E-04	4.94E-03	5.33E-04	2.16E-01	2.84E-02	2.86E+00	3.07E-01
1216	Gridded	4.90E-03	4.85E-04	4.88E-03	4.83E-04	5.18E-03	5.18E-04	5.18E-03	5.18E-04	2.61E-04	3.05E-05	4.88E-03	4.84E-04	6.08E-03	6.23E-04	6.08E-03	6.23E-04	4.90E-03	4.86E-04	5.18E-03	5.18E-04	4.93E-03	4.90E-04	4.89E-03	4.85E-04	4.92E-03	4.87E-04	4.90E-03	4.86E-04	2.78E-01	2.94E-02	2.82E+00	2.99E-01
1217	Gridded	4.79E-03	5.09E-04	4.77E-03	5.06E-04	5.06E-03	5.43E-04	5.06E-03	5.43E-04	2.53E-04	3.21E-05	4.78E-03	5.07E-04	5.93E-03	6.53E-04	5.93E-03	6.53E-04	4.79E-03	5.09E-04	5.06E-03	5.43E-04	4.83E-03	5.13E-04	4.79E-03	5.08E-04	4.81E-03	5.11E-04	4.80E-03	5.09E-04	3.64E-01	3.53E-02	2.76E+00	3.14E-01
1218	Gridded	4.63E-03	5.19E-04	4.61E-03	5.17E-04	4.88E-03	5.54E-04	4.88E-03	5.54E-04	2.95E-04	3.73E-05	4.61E-03	5.17E-04	5.71E-03	6.66E-04	5.71E-03	6.66E-04	4.63E-03	5.19E-04	4.88E-03	5.54E-04	4.66E-03	5.23E-04	4.62E-03	5.18E-04	4.64E-03	5.21E-04	4.63E-03	5.19E-04	4.01E-01	3.85E-02	2.66E+00	3.22E-01

Scenario 2 Results

1219	Gridded	4.40E-03	5.34E-04	4.38E-03	5.32E-04	4.67E-03	5.70E-04	4.67E-03	5.70E-04	5.84E-04	4.58E-05	4.38E-03	5.32E-04	6.31E-03	6.87E-04	6.31E-03	6.87E-04	4.40E-03	5.35E-04	4.67E-03	5.70E-04	4.43E-03	5.39E-04	4.39E-03	5.34E-04	4.41E-03	5.37E-04	4.40E-03	5.35E-04	5.23E-01	4.43E-02	3.01E+00	3.33E-01
1220	Gridded	4.55E-03	5.66E-04	4.52E-03	5.62E-04	4.91E-03	6.20E-04	4.91E-03	6.20E-04	6.86E-04	5.08E-05	4.53E-03	5.63E-04	6.63E-03	7.95E-04	6.63E-03	7.95E-04	4.55E-03	5.66E-04	4.91E-03	6.20E-04	4.59E-03	5.72E-04	4.54E-03	5.65E-04	4.57E-03	5.69E-04	4.55E-03	5.66E-04	4.61E-01	4.56E-02	2.58E+00	3.49E-01
1221	Gridded	1.02E-02	1.04E-03	1.02E-02	1.04E-03	1.10E-02	1.10E-03	1.10E-02	1.10E-03	7.25E-04	5.90E-05	1.02E-02	1.04E-03	1.34E-02	1.31E-03	1.34E-02	1.31E-03	1.02E-02	1.04E-03	1.10E-02	1.10E-03	1.03E-02	1.05E-03	1.02E-02	1.04E-03	1.03E-02	1.04E-03	1.02E-02	1.04E-03	3.53E-01	4.70E-02	5.71E+00	5.81E-01
1222	Gridded	7.38E-03	6.60E-04	7.35E-03	6.58E-04	7.83E-03	6.93E-04	7.83E-03	6.93E-04	4.67E-04	3.85E-05	7.35E-03	6.58E-04	9.29E-03	8.01E-04	9.29E-03	8.01E-04	7.38E-03	6.60E-04	7.83E-03	6.93E-04	7.44E-03	6.64E-04	7.37E-03	6.60E-04	7.41E-03	6.62E-04	7.39E-03	6.61E-04	2.54E-01	3.57E-02	4.08E+00	3.67E-01
1223	Gridded	4.54E-03	4.64E-04	4.52E-03	4.62E-04	4.86E-03	4.96E-04	4.86E-03	4.96E-04	3.77E-04	3.08E-05	4.53E-03	4.62E-04	5.87E-03	6.03E-04	5.87E-03	6.03E-04	4.54E-03	4.64E-04	4.86E-03	4.96E-04	4.58E-03	4.68E-04	4.54E-03	4.63E-04	4.56E-03	4.66E-04	4.55E-03	4.64E-04	2.03E-01	2.69E-02	2.69E+00	2.86E-01
1224	Gridded	4.78E-03	4.25E-04	4.76E-03	4.23E-04	5.10E-03	4.56E-04	5.10E-03	4.56E-04	3.91E-04	2.88E-05	4.76E-03	4.23E-04	6.13E-03	5.55E-04	6.13E-03	5.55E-04	4.78E-03	4.25E-04	5.10E-03	4.56E-04	4.82E-03	4.29E-04	4.77E-03	4.24E-04	4.80E-03	4.27E-04	4.78E-03	4.26E-04	2.27E-01	2.50E-02	2.86E+00	2.63E-01
1225	Gridded	4.23E-03	8.88E-04	4.22E-03	8.84E-04	4.43E-03	9.44E-04	4.43E-03	9.44E-04	2.79E-04	5.35E-05	4.22E-03	8.84E-04	5.19E-03	1.13E-03	5.19E-03	1.13E-03	4.23E-03	8.88E-04	4.43E-03	9.44E-04	4.26E-03	8.95E-04	4.23E-03	8.86E-04	4.24E-03	8.91E-04	4.23E-03	8.88E-04	3.09E-01	7.15E-02	2.28E+00	5.36E-01
1226	Gridded	4.61E-03	9.38E-04	4.59E-03	9.34E-04	4.81E-03	9.98E-04	4.81E-03	9.98E-04	2.92E-04	5.61E-05	4.60E-03	9.35E-04	5.46E-03	1.19E-03	5.46E-03	1.19E-03	4.61E-03	9.38E-04	4.81E-03	9.98E-04	4.63E-03	9.46E-04	4.60E-03	9.37E-04	4.62E-03	9.42E-04	4.61E-03	9.39E-04	3.36E-01	7.66E-02	2.49E+00	5.68E-01
1227	Gridded	4.45E-03	8.78E-04	4.43E-03	8.74E-04	4.62E-03	9.35E-04	4.62E-03	9.35E-04	2.75E-04	5.30E-05	4.44E-03	8.75E-04	5.19E-03	1.12E-03	5.19E-03	1.12E-03	4.45E-03	8.78E-04	4.62E-03	9.35E-04	4.47E-03	8.85E-04	4.44E-03	8.77E-04	4.46E-03	8.81E-04	4.45E-03	8.79E-04	3.50E-01	7.87E-02	2.40E+00	5.37E-01
1228	Gridded	4.64E-03	9.14E-04	4.62E-03	9.10E-04	4.80E-03	9.72E-04	4.80E-03	9.72E-04	2.93E-04	5.48E-05	4.63E-03	9.11E-04	5.32E-03	1.16E-03	5.32E-03	1.16E-03	4.64E-03	9.14E-04	4.80E-03	9.72E-04	4.66E-03	9.21E-04	4.63E-03	9.13E-04	4.65E-03	9.18E-04	4.64E-03	9.15E-04	3.85E-01	8.48E-02	2.50E+00	5.61E-01
1229	Gridded	4.17E-03	8.37E-04	4.16E-03	8.33E-04	4.30E-03	8.91E-04	4.30E-03	8.91E-04	2.70E-04	5.07E-05	4.16E-03	8.34E-04	4.73E-03	1.07E-03	4.73E-03	1.07E-03	4.17E-03	8.37E-04	4.30E-03	8.91E-04	4.19E-03	8.43E-04	4.17E-03	8.36E-04	4.18E-03	8.40E-04	4.17E-03	8.37E-04	4.02E-01	8.72E-02	2.25E+00	5.20E-01
1230	Gridded	4.33E-03	8.96E-04	4.33E-03	8.92E-04	4.45E-03	9.53E-04	4.45E-03	9.53E-04	3.02E-04	5.41E-05	4.33E-03	8.93E-04	5.20E-03	1.14E-03	5.20E-03	1.14E-03	4.34E-03	8.96E-04	4.45E-03	9.53E-04	4.35E-03	9.03E-04	4.33E-03	8.95E-04	4.34E-03	8.99E-04	4.34E-03	8.97E-04	4.61E-01	9.80E-02	2.34E+00	5.59E-01
1231	Gridded	3.75E-03	7.71E-04	3.74E-03	7.68E-04	3.86E-03	8.22E-04	3.86E-03	8.22E-04	2.90E-04	4.77E-05	3.74E-03	7.68E-04	4.32E-03	9.86E-04	4.32E-03	9.86E-04	3.75E-03	7.71E-04	3.86E-03	8.22E-04	3.76E-03	7.77E-04	3.74E-03	7.70E-04	3.75E-03	7.74E-04	3.75E-03	7.72E-04	4.90E-01	9.97E-02	2.06E+00	4.89E-01
1232	Gridded	5.95E-03	6.03E-04	5.95E-03	6.00E-04	5.95E-03	6.44E-04	5.95E-03	6.44E-04	2.45E-04	3.85E-05	5.95E-03	6.01E-04	5.95E-03	7.77E-04	5.95E-03	7.77E-04	5.95E-03	6.03E-04	5.95E-03	6.44E-04	5.95E-03	6.08E-04	5.95E-03	6.02E-04	5.95E-03	6.05E-04	5.95E-03	6.04E-04	4.87E-01	9.31E-02	3.31E+00	3.90E-01
1233	Gridded	7.46E-03	4.97E-04	7.46E-03	4.95E-04	7.46E-03	5.30E-04	7.46E-03	5.30E-04	1.99E-04	3.25E-05	7.46E-03	4.96E-04	7.46E-03	6.37E-04	7.46E-03	6.37E-04	7.46E-03	4.98E-04	7.46E-03	5.30E-04	7.46E-03	5.02E-04	7.46E-03	4.97E-04	7.46E-03	4.99E-04	7.46E-03	4.98E-04	4.60E-01	8.37E-02	4.20E+00	3.22E-01
1234	Gridded	5.60E-03	4.45E-04	5.60E-03	4.43E-04	5.60E-03	4.74E-04	5.60E-03	4.74E-04	1.92E-04	3.04E-05	5.60E-03	4.43E-04	5.60E-03	5.70E-04	5.60E-03	5.70E-04	5.60E-03	4.45E-04	5.60E-03	4.74E-04	5.60E-03	4.48E-04	5.60E-03	4.44E-04	5.60E-03	4.47E-04	5.60E-03	4.45E-04	3.87E-01	6.77E-02	3.30E+00	2.84E-01
1235	Gridded	3.70E-03	4.50E-04	3.70E-03	4.48E-04	3.78E-03	4.83E-04	3.78E-03	4.83E-04	2.07E-04	3.15E-05	3.70E-03	4.48E-04	4.17E-03	5.92E-04	4.17E-03	5.92E-04	3.70E-03	4.50E-04	3.78E-03	4.83E-04	3.70E-03	4.54E-04	3.70E-03	4.49E-04	3.70E-03	4.52E-04	3.70E-03	4.50E-04	3.56E-01	6.25E-02	2.10E+00	2.97E-01
1236	Gridded	3.81E-03	4.72E-04	3.81E-03	4.70E-04	3.81E-03	5.07E-04	3.81E-03	5.07E-04	2.22E-04	3.23E-05	3.81E-03	4.70E-04	4.19E-03	6.18E-04	4.19E-03	6.18E-04	3.81E-03	4.72E-04	3.81E-03	5.07E-04	3.81E-03	4.77E-04	3.81E-03	4.72E-04	3.81E-03	4.74E-04	3.81E-03	4.73E-04	3.06E-01	5.61E-02	2.11E+00	3.09E-01
1237	Gridded	3.59E-03	5.11E-04	3.59E-03	5.09E-04	3.66E-03	5.48E-04	3.66E-03	5.48E-04	2.41E-04	3.44E-05	3.59E-03	5.09E-04	4.49E-03	6.66E-04	4.49E-03	6.66E-04	3.59E-03	5.11E-04	3.66E-03	5.48E-04	3.59E-03	5.16E-04	3.59E-03	5.10E-04	3.59E-03	5.13E-04	3.59E-03	5.12E-04	2.99E-01	5.68E-02	2.02E+00	3.33E-01
1238	Gridded	3.66E-03	5.72E-04	3.64E-03	5.69E-04	3.94E-03	6.11E-04	3.94E-03	6.11E-04	2.62E-04	3.77E-05	3.65E-03	5.70E-04	4.84E-03	7.36E-04	4.84E-03	7.36E-04	3.66E-03	5.72E-04	3.94E-03	6.11E-04	3.70E-03	5.77E-04	3.65E-03	5.71E-04	3.68E-03	5.74E-04	3.66E-03	5.72E-04	3.34E-01	6.36E-02	2.18E+00	3.70E-01
1239	Gridded	3.84E-03	6.51E-04	3.82E-03	6.48E-04	4.13E-03	6.95E-04	4.13E-03	6.95E-04	2.75E-04	4.13E-05	3.82E-03	6.49E-04	5.07E-03	8.38E-04	5.07E-03	8.38E-04	3.84E-03	6.51E-04	4.13E-03	6.95E-04	3.87E-03	6.57E-04	3.83E-03	6.50E-04	3.85E-03	6.54E-04	3.84E-03	6.52E-04	3.26E-01	6.29E-02	2.27E+00	4.11E-01
1240	Gridded	4.34E-03	7.70E-04	4.32E-03	7.66E-04	4.68E-03	8.22E-04	4.68E-03	8.22E-04	3.15E-04	4.96E-05	4.33E-03	7.67E-04	5.77E-03	9.93E-04	5.77E-03	9.93E-04	4.35E-03	7.70E-04	4.68E-03	8.22E-04	4.39E-03	7.76E-04	4.34E-03	7.68E-04	4.36E-03	7.73E-04	4.35E-03	7.70E-04	3.48E-01	6.71E-02	2.61E+00	4.85E-01
1241	Gridded	4.55E-03	8.81E-04	4.53E-03	8.77E-04	4.91E-03	9.41E-04	4.91E-03	9.41E-04	3.60E-04	5.68E-05	4.53E-03	8.77E-04	6.11E-03	1.14E-03	6.11E-03	1.14E-03	4.55E-03	8.81E-04	4.91E-03	9.41E-04	4.59E-03	8.88E-04	4.54E-03	8.79E-04	4.57E-03	8.84E-04	4.55E-03	8.81E-04	5.20E-01	7.11E-02	2.78E+00	5.53E-01
1242	Gridded	5.57E-03	9.80E-04	5.55E-03	9.76E-04	5.88E-03	1.05E-03	5.88E-03	1.05E-03	4.38E-04	6.38E-05	5.55E-03	9.77E-04	6.88E-03	1.26E-03	6.88E-03	1.26E-03	5.57E-03	9.81E-04	5.88E-03	1.05E-03	5.60E-03	9.89E-04	5.56E-03	9.79E-04	5.58E-03	9.84E-04	5.57E-03	9.81E-04	1.29E+00	7.23E-02	3.10E+00	6.09E-01
1243	Gridded	8.20E-03	1.09E-03	8.16E-03	1.09E-03	8.68E-03	1.17E-03	8.68E-03	1.17E-03	5.10E-04	8.61E-05	8.17E-03	1.09E-03	1.02E-02	1.43E-03	1.02E-02	1.43E-03	8.20E-03	1.10E-03	8.68E-03	1.17E-03	8.26E-03	1.10E-03	8.19E-03	1.09E-03	8.23E-03	1.10E-03	8.20E-03	1.10E-03	1.14E+00	7.48E-02	4.60E+00	6.76E-01
1244	Gridded	1.11E-02	1.11E-03	1.11E-02	1.11E-03	1.18E-02	1.19E-03	1.18E-02	1.19E-03	6.28E-04	9.60E-05	1.11E-02	1.11E-03	1.40E-02	1.52E-03	1.40E-02	1.52E-03	1.11E-02	1.11E-03	1.18E-02	1.19E-03	1.12E-02	1.12E-03	1.11E-02	1.11E-03	1.12E-02	1.12E-03	1.11E-02	1.11E-03	7.94E-01	8.82E-02	6.33E+00	6.92E-01
1245	Gridded	1.24E-02	1.39E-03	1.24E-02	1.38E-03	1.32E-02	1.49E-03	1.32E-02	1.49E-03	7.00E-04	1.15E-04	1.24E-02	1.38E-03	1.56E-02	1.81E-03	1.56E-02	1.81E-03	1.24E-02	1.39E-03	1.32E-02	1.49E-03	1.25E-02	1.40E-03	1.24E-02	1.39E-03	1.25E-02	1.40E-03	1.25E-02	1.39E-03	4.61E-01	1.20E-01	7.17E+00	8.04E-01
1246	Gridded	9.80E-03	1.69E-03	9.76E-03	1.68E-03	1.04E-02	1.82E-03	1.04E-02	1.82E-03	6.56E-04	1.63E-04	9.77E-03	1.69E-03	1.23E-02	2.23E-03	1.23E-02	2.23E-03	9.80E-03	1.69E-03	1.04E-02	1.82E-03	9.87E-03	1.71E-03	9.79E-03	1.69E-03	9.83E-03	1.70E-03	9.81E-03	1.69E-03	4.97E-01	1.35E-01	5.74E+00	1.01E+00
1247	Gridded	5.87E-03	2.19E-03	5.83E-03	2.17E-03	6.38E-03	2.36E-03	6.38E-03	2.36E-03	4.94E-04	1.64E-04	5.84E-03	2.18E-03	8.04E-03	2.92E-03	8.04E-03	2.92E-03	5.87E-03	2.19E-03	6.38E-03	2.36E-03	5.93E-03	2.21E-03	5.86E-03	2.18E-03	5.90E-03	2.20E-03	5.87E-03	2.19E-03	6.92E-01	1.60E-01	3.53E+00	1.34E+00
1248	Gridded	6.09E-03	1.90E-03	6.04E-03	1.89E-03	6.80E-03	2.07E-03	6.80E-03	2.07E-03	7.25E-04	1.94E-04	6.05E-03	1.89E-03	9.18E-03	2.74E-03	9.18E-03	2.74E-03	6.09E-03	1.90E-03	6.80E-03	2.07E-03	6.18E-03	1.92E-03	6.08E-03	1.89E-03	6.13E-03	1.91E-03	6.10E-03	1.90E-03	8.33E-01	1.97E-01	3.55E+00	1.16E+00
1249	Gridded	2.16E-02	2.32E-03	2.15E-02	2.31E-03	2.29E-02	2.50E-03	2.29E-02	2.50E-03	1.33E-03	1.66E-04	2.15E-02	2.31E-03	2.73E-02	3.07E-03	2.73E-02	3.07E-03	2.16E-02	2.32E-03	2.29E-02	2.50E-03	2.17E-02	2.34E-03	2.15E-02	2.32E-03	2.16E-02	2.33E-03	2.16E-02	2.32E-03	9.79E-01	2.11E-01	1.17E+01	1.59E+00
1250	Gridded	1.45E-02	1.88E-03	1.45E-02	1.86E-03	1.57E-02	2.09E-03	1.57E-02	2.09E-03	1.05E-03	1.99E-04	1.45E-02	1.87E-03	1.93E-02	2.78E-03	1.93E-02	2.78E-03	1.46E-02	1.88E-03	1.57E-02	2.09E-03	1.47E-02	1.91E-03	1.45E-02	1.87E-03	1.46E-02	1.89E-03	1.46E-02	1.88E-03	1.24E+00	1.87E-01	8.19E+00	1.17E+00
1251	Gridded	1.91E-02	1.55E-03	1.90E-02	1.54E-03	2.04E-02	1.72E-03	2.04E-02	1.72E-03	1.19E-03	1.58E-04	1.90E-02	1.55E-03	2.45E-02	2.27E-03	2.45E-02	2.27E-03	1.91E-02	1.56E-03	2.04E-02	1.72E-03	1.93E-02	1.58E-03	1.91E-02	1.55E-03	1.92E-02	1.56E-03	1.91E-02	1.56E-03	1.61E+00	1.81E-01	1.12E+01	1.06E+00
1252	Gridded	1.50E-02	2.19E-03	1.49E-02	2.18E-03	1.55E-02	2.39E-03	1.55E-02	2.39E-03	1.16E-03	2.55E-04	1.50E-02	2.18E-03	1.70E-02	3.06E-03	1.70E-02	3.06E-03	1.50E-02	2.19E-03	1.55E-02	2.39E-03	1.50E-02	2.21E-03	1.50E-02	2.18E-03	1.50E-02	2.20E-03	1.50E-02	2.19E-03	8.66E-01	1.95E-01	8.30E+00	1.36E+00
1253	Gridded	2.61E-02	3.46E-03	2.59E-02	3.43E-03	2.81E-02	3.87E-03	2.81E-02	3.87E-03	1.90E-03	3.90E-04	2.59E-02	3.44E-03	3.46E-02	5.22E-03	3.46E-02	5.22E-03	2.61E-02	3.46E-03	2.81E-02	3.87E-03	2.63E-02	3.51E-03	2.60E-02	3.45E-03	2.62E-02	3.49E-03	2.61E-02	3.47E-03	1.09E+00	3.05E-01	1.56E+01	2.14E+00
1254	Gridded	2.24E-02	3.37E-03	2.23E-02	3.36E-03	2.43E-02	3.50E-03	2.43E-02	3.50E-03	1.75E-03	1.95E-04	2.23E-02	3.36E-03	3.03E-02	3.92E-03	3.03E-02	3.92E-03	2.24E-02	3.37E-03	2.43E-02	3.50E-03	2.26E-02	3.39E-03	2.24E-02	3.37E-03	2.25E-02	3.38E-03	2.24E-02	3.37E-03	1.01E+00	2.28E-01	1.36E+01	1.85E+00
1255	Gridded	1.82E-02	2.29E-03	1.81E-02	2.28E-03	1.89E-02	2.40E-03	1.89E-02	2.40E-03	8.74E-04	2.04E-04	1.81E-02	2.28E-03	2.14E-02	2.81E-03	2.14E-02	2.81E-03	1.82E-02	2.29E-03	1.89E-02	2.40E-03	1.83E-02	2.30E-03	1.82E-02	2.28E-03	1.82E-02	2.29E-03	1.82E-02	2.29E-03	6.60E-01	2.36E-01	1.01E+01	1.33E+00
1256	Gridded	1.28E-02	1.65E-03	1.28E-02	1.64E-03	1.33E-02	1.82E-03	1.33E-02	1.82E-03	6.70E-04	1.59E-04	1.28E-02	1.64E-03	1.50E-02	2.37E-03	1.50E-02	2.37E-03	1.28E-02	1.65E-03	1.33E-02	1.82E-03	1.29E-02	1.67E-03	1.28E-02	1.65E-03	1.28E-02	1.66E-03	1.28E-02	1.65E-03	7.28E-01	1.34E-01	7.18E+00	1.03E+00
1257	Gridded	1.20E-02	1.19E-03	1.20E-02	1.18E-03	1.27E-02	1.28E-03	1.27E-02	1.28E-03	6.62E-04	1.13E-04	1.20E-02	1.18E-03	1.50E-02	1.64E-03	1.50E-02	1.64E-03	1.20E-02	1.19E-03	1.27E-02	1.28E-03	1.21E-02	1.20E-03	1.20E-02	1.19E-03	1.21E-02	1.19E-03	1.20E-02	1.19E-03	4.50E-01	7.93E-02	6.91E+00	7.23E-01
1258	Gridded	1.12E-02	1.07E-03	1.11E-02	1.07E-03	1.18E-02	1.17E-03	1.18E-02	1.17E-03	5.62E-04	9.13E-05	1.11E-02	1.07E-03	1.37E-02	1.49E-03	1.37E-02	1.49E-03	1.12E-02	1.08E-03	1.18E-02	1.17E-03	1.12E-02	1.09E-03	1.12E-02	1.07E-03	1.12E-02	1.08E-03	1.12E-02	1.08E-03	5.51E-01	5.78E-02	6.32E+00	6.52E-01
1259	Gridded	9.29E-03	1.06E-03	9.26E-03	1.06E-03	9.77E-03	1.15E-03	9.77E-03	1.15E-03	4.49E-04	7.66E-05	9.27E-03	1.06E-03	1.13E-02	1.41E-03	1.13E-02	1.41E-03	9.29E-03	1.06E-03	9.77E-03	1.15E-03	9.35E-03	1.07E-03	9.28E-03	1.06E-03	9.32E-03	1.07E-03	9.30E-03	1.06E-03	5.59E-01	4.67E-02	5.21E+00	6.23E-01
1260	Gridded	8.52E-03	9.77E-04	8.49E-03	9.73E-04	9.02E-03	1.04E-03	9.02E-03	1.04E-03	4.71E-04	6.20E-05	8.49E-03	9.73E-04	1.06E-02	1.26E-03	1.06E-02	1.26E-03	8.52E-03	9.77E-04	9.02E-03	1.04E-03	8.58E-03	9.85E-04	8.51E-03	9.76E-04	8.55E-03	9.81E-04	8.53E-03	9.78E-04	4.48E-01	4.79E-02	4.63E+00	5.61E-01
1261	Gridded	7.24E-03	8.21E-04	7.21E-03	8.18E-04	7.70E-03	8.71E-04	7.70E-03	8.71E-04	4.39E-04	4.68E-05	7.21E-03	8.18E-04	9.22E-03	1.03E-03	9.22E-03	1.03E-03	7.24E-03	8.21E-04	7.70E-03	8.71E-04	7.30E-03	8.27E-04	7.23E-03	8.20E-04	7.27E-03	8.24E-04	7.24E-03	8.22E-04	3.67E-01	4.59E-02	3.95E+00	4.66E-01
1262	Gridded	6.59E-03	7.10E-04	6.56E-03	7.06E-04	6.96E-03	7.60E-04	6.96E-03	7.60E-04	3.73E-04	4.74E-05	6.57E-03	7.07E-04	8.18E-03	9.23E-04	8.18E-03	9.23E-04	6.59E-03	7.10E-04	6.96E-03	7.60E-04	6.64E-03	7.16E-04	6.58E-03	7.09E-04	6.61E-03	7.13E-04	6.59E-03	7.10E-04	4.07E-01	4.96E-02	3.83E+00	4.46E-01
1263	Gridded	6.22E-03	7.19E-04	6.19E-03	7.16E-04	6.56E-03	7.70E-04	6.56E-03	7.70E-04	3.68E-04	4.78E-05	6.20E-03	7.16E-04	7.68E-03	9.34E-04	7.68E-03	9.34E-04	6.22E-03	7.19E-04	6.56E-03	7.70E-04	6.26E-03	7.25E-04	6.21E-03	7.18E-04	6.24E-03	7.22E-04	6.22E-03	7.20E-04	5.50E-01	5.11E-02	3.60E+00	4.53E-01
1264	Gridded	5.73E-03	6.84E-04	5.71E-03	6.81E-04	6.04E-03	7.33E-04	6.04E-03	7.33E-04	3.69E-04	4.69E-05	5.71E-03	6.82E-04	7.06E-03	8.89E-04	7.06E-03	8.89E-04	5.73E-03	6.85E-04	6.04E-03	7.33E-04	5.77E-03	6.90E-04	5.72E-03	6.83E-04	5.75E-03	6.87E-04	5.73E-03	6.85E-04	5.40E-01	4.73E-02	3.30E+00	4.29E-01
1265	Gridded	5.20E-03	6.57E-04	5.19E-03	6.54E-04	5.49E-03	7.04E-04	5.49E-03	7.04E-04	4.18E-04	4.89E-05	5.19E-03	6.55E-04	6.39E-03	8.56E-04	6.39E-03	8.56E-04	5.21E-03	6.57E-04	5.49E-03	7.04E-04	5.24E-03	6.63E-04	5.20E-03	6.56E-04	5.22E-03	6.60E-04	5.21E-03	6.58E-04	4.72E-01	4.50E-02	2.99E+00	4.12E-01
1266	Gridded	4.90E-03	5.73E-04	4.88E-03	5.71E-04	5.19E-03	6.12E-04	5.19E-03	6.12E-04	2.82E-04	3.64E-05	4.88E-03	5.71E-04	6.13E-03	7.37E-04	6.13E-03	7.37E-04	4.90E-03	5.73E-04	5.19E-03	6.12E-04	4.94E-03	5.78E-04	4.89E-03	5.72E-04	4.92E-03	5.76E-04	4.90E-03	5.74E-04	2.62E-01	3.26E-02	2.78E+00	3.50E-01
1267	Gridded	4.95E-03	5.38E-04	4.93E-03	5.36E-04	5.24E-03	5.73E-04	5.24E-03	5.73E-04	2.79E-04	3.33E-05	4.93E-03	5.36E-04	6.20E-03	6.88E-04	6.20E-03	6.88E-04	4.95E-03	5.38E-04	5.24E-03	5.73E-04	4.98E-03	5.42E-04	4.94E-03	5.37E-04	4.96E-03	5.40E-04	4.95E-03	5.39E-04	2.77E-01	3.17E-02	2.76E+00	3.24E-01
1268	Gridded	5.15E-03	5.37E-04	5.13E-03	5.35E-04	5.46E-03	5.73E-04	5.46E-03	5.73E-04	4.34E-04	3.77E-05	5.13E-03	5.35E-04	6.46E-03	6.89E-04	6.46E-03	6.89E-04	5.15E-03	5.37E-04	5.46E-03	5.73E-04	5.19E-03	5.42E-04	5.14E-03	5.37E-04	5.17E-03	5.39E-04	5.15E-03	5.38E-04	3.61E-01	3.81E-02	2.85E+00	3.25E-01
1269	Gridded	5.36E-03	5.38E-04	5.34E-03	5.36E-04	5.68E-03	5.74E-04	5.68E-03	5.74E-04	5.73E-04	4.46E-05	5.34E-03	5.36E-04	6.70E-03	6.91E-04	6.70E-03	6.91E-04	5.36E-03	5.38E-04	5.68E-03	5.74E-04	5.40E-03	5.43E-04	5.35E-03	5.37E-04	5.38E-03	5.40E-04	5.37E-03	5.39E-04	4.32E-01	4.42E-02	2.95E+00	3.27E-01
1270	Gridded	5.34E-03	5.40E-04	5.32E-03	5.37E-04	5.65E-03	5.76E-04	5.65E-03	5.76E-04	4.70E-04	4.12E-05	5.32E-03	5.38E-04	6.65E-03	6.95E-04	6.65E-03	6.95E-04	5.34E-03	5.40E-04	5.65E-03	5.76E-04	5.38E-03	5.44E-04	5.33E-03	5.39E-04	5.36E-03	5.42E-04	5.35E-03	5.40E-04	4.06E-01	4.54E-02	2.93E+00	3.30E-01
1271	Gridded	4.99E-03	5.68E-04	4.97E-03	5.65E-04	5.27E-03	6.08E-04	5.27E-03	6.08E-04	3.24E-04	3.80E-05	4.97E-03	5.66E-04	6.19E-03	7.39E-04	6.19E-03	7.39E-04	4.99E-03	5.68E-04	5.27E-03	6.08E-04	5.02E-03	5.73E-04	4.98E-03	5.67E-04	5.00E-03	5.70E-04	4.99E-03	5.68E-04	3.13E-01	4.17E-02	2.71E+00	3.51E-01
1272	Gridded	7.45E-03	7.39E-04	7.42E-03	7.35E-04	7.88E-03	7.95E-04	7.88E-03	7.95E-04	5.98E-04	5.22E-05	7.43E-03	7.36E-04	9.29E-03	9.74E-04	9.29E-03	9.74E-04	7.45E-03	7.39E-04	7.88E-03	7.95E-04	7.50E-03	7.46E-04	7.44E-03	7.38E-04	7.48E-03	7.42E-04	7.46E-03	7.40E-04	4.15E-01	4.29E-02	4.35E+00	4.63E-01
1273	Gridded	6.23E-03	6.15E-04	6.21E-03	6.12E-04	6.58E-03	6.60E-04	6.58E-03	6.60E-04	5.39E-04	4.24E-05	6.21E-03	6.13E-04	7.72E-03	8.07E-04	7.72E-03	8.07E-04	6.23E-03	6.15E-04	6.58E-03	6.60E-04	6.28E-03	6.21E-04	6.23E-03	6.14E-04	6.25E-03	6.18E-04	6.24E-03	6.16E-04	4.70E-01	3.45E-02	3.64E+00	3.82E-01
1274	Gridded	4.11E-03	4.66E-04	4.09E-03	4.64E-04	4.35E-03	4.98E-04	4.35E-03	4.98E-04	4.21E-04	3.08E-05	4.09E-03	4.64E-04	5.13E-03	6.04E-04	5.13E-03	6.04E-04	4.11E-03	4.66E-04	4.35E-03	4.98E-04	4.14E-03	4.70E-04	4.10E-03	4.65E-04	4.12E-03	4.68E-04	4.11E-03	4.66E-04	4.57E-01	2.52E-02	2.40E+00	2.85E-01
1275	Gridded	5.93E-03	5.98E-04	5.91E-03	5.96E-04	6.24E-03	6.41E-04	6.24E-03	6.41E-04	6.13E-04	5.03E-05	5.92E-03	5.96E-04	7.23E-03	7.79E-04	7.23E-03	7.79E-04	5.93E-03	5.99E-04	6.24E-03	6.41E-04	5.97E-03	6.04E-04	5.93E-03	5.97E-04	5.95E-03	6.01E-04	5.94E-03	5.99E-04	6.13E-01	3.09E-02	3.49E+00	3.44E-01
1276	Gridded	3.99E-03	8.13E-04	3.97E-03	8.09E-04	4.30E-03	8.74E-04	4.30E-03	8.74E-04	3.01E-04	5.70E-05	3.98E-03	8.10E-04	5.30E-03	1.07E-03	5.30E-03	1.07E-03	4.00E-03	8.13E-04	4.30E-03	8.74E-04	4.03E-03	8.21E-04	3.99E-03	8.12E-04	4.01E-03	8.17E-04	4.00E-03	8.14E-04	2.81E-01	5.27E-02	2.24E+00	5.27E-01
1277	Gridded	3.91E-03	8.29E-04	3.89E-03	8.25E-04	4.17E-03	8.91E-04	4.17E-03	8.91E-04	3.28E-04	5.83E-05	3.89E-03	8.25E-04	5.02E-03	1.09E-03	5.02E-03	1.09E-03	3.91E-03	8.29E-04	4.17E-03	8.91E-04	3.94E-03	8.36E-04	3.90E-03	8.27E-04	3.92E-03	8.32E-04	3.91E-03	8.29E-04	3.02E-01	5.54E-02	2.09E+00	5.40E-01
1278	Gridded	3.74E-03	8.06E-04	3.72E-03	8.02E-04	3.99E-03	8.67E-04	3.99E-03	8.67E-04	3.44E-04	5.73E-05	3.72E-03	8.03E-04	4.83E-03	1.06E-03	4.83E-03	1.06E-03	3.74E-03	8.06E-04	3.99E-03	8.67E-04	3.77E-03	8.14E-04	3.73E-03	8.05E-04	3.75E-03	8.10E-04	3.74E-03	8.07E-04	3.20E-01	5.69E-02	2.00E+00	5.31E-01
1279	Gridded	4.52E-03	9.46E-04	4.50E-03	9.41E-04	4.82E-03	1.02E-03	4.82E-03	1.02E-03	4.11E-04	6.66E-05	4.50E-03	9.42E-04	5.82E-03	1.25E-03	5.82E-03	1.25E-03	4.52E-03	9.46E-04	4.82E-03	1.02E-03	4.55E-03	9.55E-04	4.51E-03	9.44E-04	4.53E-03	9.50E-04	4.52E-03	9.47E-04	3.80E-01	6.51E-02	2.42E+00	6.19E-01
1280	Gridded	5.37E-03	1.10E-03	5.35E-03	1.09E-03	5.74E-03	1.18E-03	5.74E-03	1.18E-03	4.82E-04	7.65E-05	5.35E-03	1.09E-03	6.92E-03	1.44E-03	6.92E-03	1.44E-03	5.37E-03	1.10E-03	5.74E-03	1.18E-03	5.42E-03	1.11E-03	5.36E-03	1.09E-03	5.39E-03	1.10E-03	5.38E-03	1.10E-03	4.40E-01	7.37E-02	2.88E+00	7.11E-01
1281	Gridded	5.51E-03	1.12E-03	5.48E-03	1.12E-03	5.88E-03	1.21E-03	5.88E-03	1.21E-03	5.16E-04	7.89E-05	5.48E-03	1.12E-03	7.12E-03	1.48E-03	7.12E-03	1.48E-03	5.51E-03	1.12E-03	5.88E-03	1.21E-03	5.55E-03	1.13E-03	5.50E-03	1.12E-03	5.53E-03	1.13E-03	5.51E-03	1.12E-03	4.82E-01	7.96E-02	2.95E+00	7.33E-01
1282	Gridded	4.63E-03	8.14E-04	4.63E-03	8.10E-04	4.63E-03	8.78E-04	4.63E-03	8.78E-04	4.25E-04	5.96E-05	4.63E-03	8.11E-04	4.85E-03	1.08E-03	4.85E-03	1.08E-03	4.63E-03	8.14E-04	4.63E-03	8.78E-04	4.63E-03	8.22E-04	4.63E-03	8.13E-04	4.63E-03	8.18E-04	4.63E-03	8.15E-04	4.41E-01	7.27E-02	2.55E+00	5.55E-01
1283	Gridded	7.96E-03	7.13E-04	7.96E-03	7.09E-04	7.96E-03	7.66E-04	7.96E-03	7.66E-04	3.41E-04	5.04E-05	7.96E-03	7.10E-04	7.96E-03	9.40E-04	7.96E-03	9.40E-04	7.96E-03	7.13E-04	7.96E-03	7.66E-04	7.96E-03	7.20E-04	7.96E-03	7.12E-04	7.96E-03	7.16E-04	7.96E-03	7.14E-04	3.91E-01	6.56E-02	4.38E+00	4.69E-01
1284	Gridded	8.17E-03	7.10E-04	8.17E-03	7.07E-04	8.17E-03	7.63E-04	8.17E-03	7.63E-04	2.84E-04	4.92E-05	8.17E-03	7.07E-04	8.17E-03	9.32E-04	8.17E-03	9.32E-04	8.17E-03	7.10E-04	8.17E-03	7.63E-04	8.17E-03	7.17E-04	8.17E-03	7.09E-04	8.17E-03	7.13E-04	8.17E-03	7.11E-04	3.56E-01	6.26E-02	4.58E+00	4.66E-01
1285	Gridded	4.19E-03	7.00E-04	4.19E-03	6.96E-04	4.19E-03	7.50E-04	4.19E-03	7.50E-04	2.16E-04	4.72E-05	4.19E-03	6.97E-04	4.19E-03	9.12E-04	4.19E-03	9.12E-04	4.19E-03	7.00E-04	4.19E-03	7.50E-04	4.19E-03	7.06E-04	4.19E-03	6.98E-04	4.19E-03	7.03E-04	4.19E-03	7.00E-04	2.82E-01	5.45E-02	2.55E+00	4.54E-01
1286	Gridded	4.14E-03	7.24E-04	4.14E-03	7.21E-04	4.14E-03	7.75E-04	4.14E-03	7.75E-04	2.20E-04	4.81E-05	4.14E-03	7.21E-04	4.14E-03	9.41E-04	4.14E-03	9.41E-04	4.14E-03	7.24E-04	4.14E-03	7.75E-04	4.14E-03	7.31E-04	4.14E-03	7.23E-04	4.14E-03	7.27E-04	4.14E-03	7.25E-04	2.40E-01	4.98E-02	2.30E+00	4.65E-01
1287	Gridded	3.47E-03	7.87E-04	3.47E-03	7.83E-04	3.50E-03	8.42E-04	3.50E-03	8.42E-04	2.31E-04	5.24E-05	3.47E-03	7.83E-04	4.11E-03	1.02E-03	4.11E-03	1.02E-03	3.47E-03	7.87E-04	3.50E-03	8.42E-04	3.47E-03	7.93E-04	3.47E-03	7.85E-04	3.47E-03	7.90E-04	3.47E-03	7.87E-04	2.43E-01	5.15E-02	1.95E+00	5.04E-01
1288	Gridded	3.64E-03	8.52E-04	3.63E-03	8.48E-04	3.86E-03	9.13E-04	3.86E-03	9.13E-04	2.42E-04	5.72E-05	3.63E-03	8.49E-04	4.54E-03	1.11E-03	4.54E-03	1.11E-03	3.64E-03	8.52E-04	3.86E-03	9.13E-04	3.67E-03	8.60E-04	3.64E-03	8.51E-04	3.66E-03	8.56E-04	3.65E-03	8.53E-04	2.46E-01	5.28E-02	2.15E+00	5.46E-01
1289	Gridded	3.97E-03	9.43E-04	3.95E-03	9.38E-04	4.20E-03	1.01E-03	4.20E-03	1.01E-03	2.63E-04	6.44E-05	3.95E-03	9.39E-04	4.97E-03	1.23E-03	4.97E-03	1.23E-03	3.97E-03	9.43E-04	4.20E-03	1.01E-03	4.00E-03	9.51E-04	3.96E-03	9.41E-04	3.98E-03	9.47E-04	3.97E-03	9.43E-04	2.82E-01	5.98E-02	2.34E+00	6.08E-01
1290	Gridded	4.29E-03	1.06E-03	4.27E-03	1.05E-03	4.55E-03	1.14E-03	4.55E-03	1.14E-03	3.00E-04	7.37E-05	4.28E-03	1.05E-03	5.39E-03	1.39E-03	5.39E-03	1.39E-03	4.29E-03	1.06E-03	4.55E-03	1.14E-03	4.32E-03	1.07E-03	4.28E-03	1.06E-03	4.31E-03	1.06E-03	4.29E-03	1.06E-03	3.52E-01	7.32E-02	2.54E+00	6.92E-01
1291	Gridded	4.59E-03	1.19E-03	4.57E-03	1.19E-03	4.87E-03	1.28E-03	4.87E-03	1.28E-03	3.46E-04	8.47E-05	4.57E-03	1.19E-03	6.01E-03	1.58E-03	6.01E-03	1.58E-03	4.59E-03	1.19E-03	4.87E-03	1.28E-03	4.62E-03	1.21E-03	4.58E-03	1.19E-03	4.61E-03	1.20E-03	4.59E-03	1.19E-03	4.51E-01	9.36E-02	2.73E+00	7.94E-01
1292	Gridded	4.66E-03	1.24E-03	4.63E-03	1.23E-03	5.07E-03	1.33E-03	5.07E-03	1.33E-03	3.83E-04	8.85E-05	4.64E-03	1.23E-03	6.39E-03	1.64E-03	6.39E-03	1.64E-03	4.66E-03	1.24E-03	5.07E-03	1.33E-03	4.71E-03	1.25E-03	4.65E-03	1.24E-03	4.68E-03	1.24E-03	4.66E-03	1.24E-03	4.33E-01	9.37E-02	2.86E+00	8.29E-01
1293	Gridded	4.47E-03	1.21E-03	4.44E-03	1.21E-03	4.90E-03	1.30E-03	4.90E-03	1.30E-03	4.01E-04	8.69E-05	4.45E-03	1.21E-03	6.28E-03	1.60E-03	6.28E-03	1.60E-03	4.47E-03	1.21E-03	4.90E-03	1.30E-03	4.52E-03	1.22E-03	4.46E-03	1.21E-03	4.50E-03	1.22E-03	4.48E-03	1.21E-03	3.74E-01	8.36E-02	2.80E+00	8.08E-01
1294	Gridded	5.64E-03	1.18E-03	5.64E-03	1.17E-03	5.64E-03	1.27E-03	5.64E-03	1.27E-03	4.46E-04	8.50E-05	5.64E-03	1.17E-03	6.61E-03	1.56E-03	6.61E-03	1.56E-03	5.64E-03	1.18E-03	5.64E-03	1.27E-03	5.64E-03	1.19E-03	5.64E-03	1.18E-03	5.64E-03	1.18E-03	5.64E-03	1.18E-03	4.26E-01	8.01E-02	3.01E+00	7.85E-01
1295	Gridded	5.70E-03	1.22E-03	5.68E-03	1.21E-03	6.03E-03	1.30E-03	6.03E-03	1.30E-03	5.20E-04	8.36E-05	5.68E-03	1.21E-03	7.08E-03	1.58E-03	7.08E-03	1.58E-03	5.70E-03	1.22E-03	6.03E-03	1.30E-03	5.74E-03	1.23E-03	5.70E-03	1.21E-03	5.72E-03	1.22E-03	5.71E-03	1.22E-03	1.04E+00	8.10E-02	3.21E+00	7.71E-01
1296	Gridded	8.19E-03	1.36E-03	8.16E-03	1.35E-03	8.65E-03	1.46E-03	8.65E-03	1.46E-03	6.10E-04	9.32E-05	8.17E-03	1.35E-03	1.01E-02	1.78E-03	1.01E-02	1.78E-03	8.19E-03	1.36E-03	8.65E-03	1.46E-03	8.25E-03	1.37E-03	8.18E-03	1.36E-03	8.22E-03	1.36E-03	8.20E-03	1.36E-03	1.05E+00	8.73E-02	4.63E+00	8.50E-01
1297	Gridded	9.08E-03	1.64E-03	9.04E-03	1.64E-03	9.58E-03	1.77E-03	9.58E-03	1.77E-03	6.25E-04	1.17E-04	9.05E-03	1.64E-03	1.12E-02	2.17E-03	1.12E-02	2.17E-03	9.08E-03	1.64E-03	9.58E-03	1.77E-03	9.14E-03	1.66E-03	9.07E-03	1.64E-03	9.11E-03	1.65E-03	9.08E-03	1.65E-03	6.32E-01	1.01E-01	5.17E+00	9.75E-01
1298	Gridded	7.06E-03	1.87E-03	7.03E-03	1.86E-03	7.45E-03	2.02E-03	7.45E-03	2.02E-03	6.72E-04	1.42E-04	7.04E-03	1.86E-03	9.43E-03	2.51E-03	9.43E-03	2.51E-03	7.06E-03	1.87E-03	7.45E-03	2.02E-03	7.11E-03	1.89E-03	7.05E-03	1.87E-03	7.08E-03	1.88E-03	7.06E-03	1.87E-03	6.19E-01	1.45E-01	4.10E+00	1.13E+00
1299	Gridded	6.41E-03	1.48E-03	6.37E-03	1.48E-03	7.04E-03	1.61E-03	7.04E-03	1.61E-03	6.47E-04	1.31E-04	6.37E-03	1.48E-03	9.08E-03	2.01E-03	9.08E-03	2.01E-03	6.41E-03	1.48E-03	7.04E-03	1.61E-03	6.49E-03	1.50E-03	6.39E-03	1.48E-03	6.44E-03	1.49E-03	6.41E-03	1.49E-03	6.85E-01	1.89E-01	3.76E+00	9.35E-01
1300	Gridded	6.07E-03	1.29E-03	6.04E-03	1.28E-03	6.60E-03	1.44E-03	6.60E-03	1.44E-03	5.74E-04	1.47E-04	6.04E-03	1.28E-03	8.29E-03	1.95E-03	8.29E-03	1.95E-03	6.07E-03	1.29E-03	6.60E-03	1.44E-03	6.14E-03	1.31E-03	6.06E-03	1.28E-03	6.10E-03	1.30E-03	6.08E-03	1.29E-03	7.82E-01	2.60E-01	3.59E+00	7.41E-01
1301	Gridded	3.60E-03	3.11E-04	3.60E-03	3.10E-04	3.65E-03	3.19E-04	3.65E-03	3.19E-04	3.77E-04	5.11E-05	3.60E-03	3.10E-04	4.19E-03	3.50E-04	4.19E-03	3.50E-04	3.60E-03	3.11E-04	3.65E-03	3.19E-04	3.61E-03	3.12E-04	3.60E-03	3.10E-04	3.60E-03	3.11E-04	3.60E-03	3.11E-04	6.83E-01	1.05E-01	1.94E+00	1.68E-01
1302	Gridded	4.07E-03	5.16E-04	4.06E-03	5.08E-04	4.26E-03	6.39E-04	4.26E-03	6.39E-04	1.64E-03	2.46E-04	4.06E-03	5.09E-04	7.66E-03	1.18E-03	7.66E-03	1.18E-03	4.07E-03	5.16E-04	4.26E-03	6.39E-04	4.09E-03	5.31E-04	4.06E-03	5.13E-04	4.08E-03	5.23E-04	4.07E-03	5.17E-04	1.02E+00	3.67E-01	2.19E+00	3.08E-01
1303	Gridded	1.15E-02	7.49E-04	1.14E-02	7.41E-04	1.29E-02	8.57E-04	1.29E-02	8.57E-04	1.36E-03	1.05E-04	1.14E-02	7.43E-04	1.76E-02	1.21E-03	1.76E-02	1.21E-03	1.15E-02	7.49E-04	1.29E-02	8.57E-04	1.17E-02	7.62E-04	1.15E-02	7.46E-04	1.16E-02	7.55E-04	1.15E-02	7.50E-04	1.51E+00	2.54E-01	6.51E+00	5.04E-01
1304	Gridded	2.44E-02	1.46E-03	2.44E-02	1.45E-03	2.57E-02	1.58E-03	2.57E-02	1.58E-03	1.43E-03	2.11E-04	2.44E-02	1.45E-03	2.97E-02	1.97E-03	2.97E-02	1.97E-03	2.44E-02	1.46E-03	2.57E-02	1.58E-03	2.46E-02	1.48E-03	2.44E-02	1.46E-03	2.45E-02	1.47E-03	2.45E-02	1.46E-03	1.31E+00	2.02E-01	1.36E+01	9.30E-01
1305	Gridded	1.73E-02	1.43E-03	1.72E-02	1.42E-03	1.80E-02	1.57E-03	1.80E-02	1.57E-03	8.36E-04	1.46E-04	1.72E-02	1.42E-03	2.02E-02	2.07E-03	2.02E-02	2.07E-03	1.73E-02	1.43E-03	1.80E-02	1.57E-03	1.73E-02	1.44E-03	1.72E-02	1.43E-03	1.73E-02	1.43E-03	1.73E-02	1.43E-03	8.79E-01	9.95E-02	9.71E+00	8.49E-01
1306	Gridded	1.27E-02	1.36E-03	1.27E-02	1.36E-03	1.34E-02	1.44E-03	1.34E-02	1.44E-03	6.55E-04	8.65E-05	1.27E-02	1.36E-03	1.55E-02	1.70E-03	1.55E-02	1.70E-03	1.27E-02	1.36E-03	1.34E-02	1.44E-03	1.28E-02	1.37E-03	1.27E-02	1.36E-03	1.28E-02	1.37E-03	1.27E-02	1.36E-03	1.06E+00	8.83E-02	7.07E+00	7.97E-01
1307	Gridded	1.28E-02	1.25E-03	1.27E-02	1.25E-03	1.34E-02	1.33E-03	1.34E-02	1.33E-03	6.38E-04	8.66E-05	1.27E-02	1.25E-03	1.56E-02	1.56E-03	1.56E-02	1.56E-03	1.28E-02	1.25E-03	1.34E-02	1.33E-03	1.28E-02	1.26E-03	1.27E-02	1.25E-03	1.28E-02	1.26E-03	1.28E-02	1.25E-03	9.99E-01	8.85E-02	7.38E+00	7.37E-01
1308	Gridded	1.17E-02	1.00E-03	1.17E-02	1.00E-03	1.23E-02	1.06E-03	1.23E-02	1.06E-03	5.76E-04	6.70E-05	1.17E-02	1.00E-03	1.42E-02	1.24E-03	1.42E-02	1.24E-03	1.17E-02	1.00E-03	1.23E-02	1.06E-03	1.18E-02	1.01E-03	1.17E-02	1.00E-03	1.18E-02	1.01E-03	1.17E-02	1.01E-03	7.49E-01	6.61E-02	6.79E+00	5.94E-01
1309	Gridded	1.04E-02	9.08E-04	1.03E-02	9.05E-04	1.09E-02	9.56E-04	1.09E-02	9.56E-04	5.04E-04	5.37E-05	1.03E-02	9.05E-04	1.26E-02	1.12E-03	1.26E-02	1.12E-03	1.04E-02	9.08E-04	1.09E-02	9.56E-04	1.04E-02	9.14E-04	1.04E-02	9.07E-04	1.04E-02	9.11E-04	1.04E-02	9.08E-04	4.71E-01	5.32E-02	6.34E+00	5.35E-01
1310	Gridded	9.07E-03	8.36E-04	9.04E-03	8.32E-04	9.52E-03	8.87E-04	9.52E-03	8.87E-04	4.50E-04	4.84E-05	9.05E-03	8.33E-04	1.10E-02	1.05E-03	1.10E-02	1.05E-03	9.08E-03	8.36E-04	9.52E-03	8.87E-04	9.13E-03	8.42E-04	9.06E-03	8.35E-04	9.10E-03	8.39E-04	9.08E-03	8.36E-04	4.15E-01	4.74E-02	5.54E+00	4.98E-01
1311	Gridded	7.91E-03	8.00E-04	7.88E-03	7.97E-04	8.34E-03	8.51E-04	8.34E-03	8.51E-04	4.04E-04	4.75E-05	7.88E-03	7.97E-04	9.73E-03	1.01E-03	9.73E-03	1.01E-03	7.91E-03	8.00E-04	8.34E-03	8.51E-04	7.96E-03	8.06E-04	7.90E-03	7.99E-04	7.93E-03	8.03E-04	7.91E-03	8.01E-04	3.62E-01	4.29E-02	4.73E+00	4.81E-01
1312	Gridded	7.26E-03	7.94E-04	7.23E-03	7.91E-04	7.65E-03	8.47E-04	7.65E-03	8.47E-04	3.70E-04	4.99E-05	7.24E-03	7.91E-04	8.93E-03	1.02E-03	8.93E-03	1.02E-03	7.26E-03	7.94E-04	7.65E-03	8.47E-04	7.31E-03	8.01E-04	7.25E-03	7.93E-04	7.28E-03	7.97E-04	7.26E-03	7.95E-04	3.41E-01	4.59E-02	4.15E+00	4.85E-01
1313	Gridded	6.55E-03	7.37E-04	6.53E-03	7.34E-04	6.90E-03	7.87E-04	6.90E-03	7.87E-04	3.33E-04	4.66E-05	6.53E-03	7.34E-04	8.05E-03	9.47E-04	8.05E-03	9.47E-04	6.55E-03	7.37E-04	6.90E-03	7.87E-04	6.59E-03	7.43E-04	6.54E-03	7.36E-04	6.57E-03	7.40E-04	6.55E-03	7.38E-04	3.38E-01	4.43E-02	3.74E+00	4.48E-01

Scenario 2 Results

1314	Gridded	5.96E-03	7.56E-04	5.94E-03	7.53E-04	6.27E-03	8.09E-04	6.27E-03	8.09E-04	4.02E-04	5.00E-05	5.94E-03	7.53E-04	7.30E-03	9.82E-04	7.30E-03	9.82E-04	5.96E-03	7.56E-04	6.27E-03	8.09E-04	6.00E-03	7.63E-04	5.95E-03	7.55E-04	5.98E-03	7.59E-04	5.96E-03	7.57E-04	3.80E-01	4.97E-02	3.39E+00	4.62E-01
1315	Gridded	5.54E-03	7.05E-04	5.52E-03	7.02E-04	5.86E-03	7.55E-04	5.86E-03	7.55E-04	4.44E-04	4.67E-05	5.52E-03	7.03E-04	6.92E-03	9.16E-04	6.92E-03	9.16E-04	5.54E-03	7.06E-04	5.86E-03	7.55E-04	5.58E-03	7.12E-04	5.53E-03	7.04E-04	5.56E-03	7.08E-04	5.54E-03	7.06E-04	3.22E-01	4.62E-02	3.20E+00	4.27E-01
1316	Gridded	5.46E-03	7.15E-04	5.44E-03	7.12E-04	5.78E-03	7.66E-04	5.78E-03	7.66E-04	5.17E-04	5.03E-05	5.44E-03	7.12E-04	6.82E-03	9.32E-04	6.82E-03	9.32E-04	5.46E-03	7.15E-04	5.78E-03	7.66E-04	5.50E-03	7.21E-04	5.45E-03	7.14E-04	5.48E-03	7.18E-04	5.46E-03	7.16E-04	3.25E-01	4.88E-02	3.13E+00	4.30E-01
1317	Gridded	5.22E-03	6.02E-04	5.20E-03	5.99E-04	5.53E-03	6.44E-04	5.53E-03	6.44E-04	3.67E-04	4.10E-05	5.21E-03	6.00E-04	6.53E-03	7.80E-04	6.53E-03	7.80E-04	5.23E-03	6.02E-04	5.53E-03	6.44E-04	5.26E-03	6.07E-04	5.22E-03	6.01E-04	5.24E-03	6.05E-04	5.23E-03	6.03E-04	2.80E-01	4.09E-02	2.99E+00	3.57E-01
1318	Gridded	4.99E-03	4.76E-04	4.97E-03	4.74E-04	5.28E-03	5.07E-04	5.28E-03	5.07E-04	3.07E-04	2.99E-05	4.97E-03	4.74E-04	6.23E-03	6.09E-04	6.23E-03	6.09E-04	4.99E-03	4.76E-04	5.28E-03	5.07E-04	5.03E-03	4.80E-04	4.98E-03	4.75E-04	5.01E-03	4.78E-04	4.99E-03	4.76E-04	2.07E-01	3.17E-02	2.84E+00	2.77E-01
1319	Gridded	4.92E-03	4.78E-04	4.90E-03	4.76E-04	5.20E-03	5.10E-04	5.20E-03	5.10E-04	3.10E-04	3.01E-05	4.90E-03	4.76E-04	6.13E-03	6.14E-04	6.13E-03	6.14E-04	4.92E-03	4.78E-04	5.20E-03	5.10E-04	4.95E-03	4.82E-04	4.91E-03	4.77E-04	4.93E-03	4.80E-04	4.92E-03	4.78E-04	2.53E-01	3.67E-02	2.79E+00	2.78E-01
1320	Gridded	4.81E-03	4.74E-04	4.79E-03	4.72E-04	5.09E-03	5.06E-04	5.09E-03	5.06E-04	4.09E-04	3.01E-05	4.79E-03	4.72E-04	5.99E-03	6.10E-04	5.99E-03	6.10E-04	4.81E-03	4.74E-04	5.09E-03	5.06E-04	4.84E-03	4.78E-04	4.80E-03	4.73E-04	4.82E-03	4.76E-04	4.81E-03	4.74E-04	3.94E-01	3.92E-02	2.72E+00	2.76E-01
1321	Gridded	4.61E-03	4.65E-04	4.59E-03	4.63E-04	4.88E-03	4.97E-04	4.88E-03	4.97E-04	4.83E-04	3.70E-05	4.59E-03	4.64E-04	5.75E-03	6.00E-04	5.75E-03	6.00E-04	4.61E-03	4.66E-04	4.88E-03	4.97E-04	4.64E-03	4.69E-04	4.60E-03	4.65E-04	4.62E-03	4.67E-04	4.61E-03	4.66E-04	5.19E-01	3.66E-02	2.61E+00	2.71E-01
1322	Gridded	4.37E-03	5.04E-04	4.35E-03	5.01E-04	4.63E-03	5.39E-04	4.63E-03	5.39E-04	5.87E-04	5.06E-05	4.36E-03	5.02E-04	5.47E-03	6.53E-04	5.47E-03	6.53E-04	4.37E-03	5.04E-04	4.63E-03	5.39E-04	4.40E-03	5.08E-04	4.37E-03	5.03E-04	4.39E-03	5.06E-04	4.37E-03	5.04E-04	6.45E-01	3.59E-02	2.62E+00	2.94E-01
1323	Gridded	7.97E-03	7.16E-04	7.92E-03	7.13E-04	8.65E-03	7.66E-04	8.65E-03	7.66E-04	8.23E-04	8.28E-05	7.93E-03	7.14E-04	1.08E-02	1.00E-03	1.08E-02	1.00E-03	7.97E-03	7.17E-04	8.65E-03	7.66E-04	8.05E-03	7.23E-04	7.95E-03	7.15E-04	8.01E-03	7.19E-04	7.98E-03	7.17E-04	7.82E-01	4.31E-02	5.11E+00	4.17E-01
1324	Gridded	8.70E-03	7.14E-04	8.65E-03	7.11E-04	9.46E-03	7.64E-04	9.46E-03	7.64E-04	7.15E-04	8.21E-05	8.66E-03	7.12E-04	1.19E-02	1.04E-03	1.19E-02	1.04E-03	8.71E-03	7.15E-04	9.46E-03	7.64E-04	8.80E-03	7.20E-04	8.69E-03	7.13E-04	8.75E-03	7.17E-04	8.71E-03	7.15E-04	6.89E-01	4.07E-02	5.50E+00	4.25E-01
1325	Gridded	4.58E-03	4.52E-04	4.54E-03	4.50E-04	5.08E-03	4.83E-04	5.08E-03	4.83E-04	4.71E-04	4.82E-05	4.55E-03	4.50E-04	6.70E-03	5.85E-04	6.70E-03	5.85E-04	4.58E-03	4.52E-04	5.08E-03	4.83E-04	4.64E-03	4.56E-04	4.57E-03	4.51E-04	4.61E-03	4.54E-04	4.58E-03	4.52E-04	4.58E-01	3.18E-02	3.16E+00	2.62E-01
1326	Gridded	5.99E-03	5.53E-04	5.94E-03	5.50E-04	6.66E-03	5.91E-04	6.66E-03	5.91E-04	6.31E-04	5.70E-05	5.95E-03	5.51E-04	8.84E-03	7.43E-04	8.84E-03	7.43E-04	5.99E-03	5.53E-04	6.66E-03	5.91E-04	6.07E-03	5.58E-04	5.97E-03	5.52E-04	6.03E-03	5.55E-04	6.00E-03	5.53E-04	4.24E-01	3.68E-02	4.01E+00	3.27E-01
1327	Gridded	4.14E-03	6.23E-04	4.11E-03	6.21E-04	4.52E-03	6.63E-04	4.52E-03	6.63E-04	3.56E-04	5.05E-05	4.12E-03	6.21E-04	5.75E-03	8.25E-04	5.75E-03	8.25E-04	4.14E-03	6.23E-04	4.52E-03	6.63E-04	4.19E-03	6.28E-04	4.13E-03	6.22E-04	4.16E-03	6.26E-04	4.14E-03	6.24E-04	2.67E-01	7.43E-02	2.54E+00	4.27E-01
1328	Gridded	3.58E-03	5.97E-04	3.56E-03	5.95E-04	3.91E-03	6.36E-04	3.91E-03	6.36E-04	3.11E-04	4.51E-05	3.56E-03	5.95E-04	4.98E-03	7.62E-04	4.98E-03	7.62E-04	3.58E-03	5.97E-04	3.91E-03	6.36E-04	3.62E-03	6.02E-04	3.57E-03	5.96E-04	3.60E-03	5.99E-04	3.58E-03	5.98E-04	2.64E-01	7.38E-02	2.29E+00	3.85E-01
1329	Gridded	3.55E-03	6.03E-04	3.54E-03	6.01E-04	3.66E-03	6.43E-04	3.66E-03	6.43E-04	2.90E-04	4.42E-05	3.54E-03	6.01E-04	4.65E-03	7.72E-04	4.65E-03	7.72E-04	3.55E-03	6.04E-04	3.66E-03	6.43E-04	3.56E-03	6.08E-04	3.54E-03	6.03E-04	3.55E-03	6.06E-04	3.55E-03	6.04E-04	2.78E-01	7.67E-02	2.23E+00	3.80E-01
1330	Gridded	4.61E-03	7.08E-04	4.60E-03	7.05E-04	4.76E-03	7.55E-04	4.76E-03	7.55E-04	3.57E-04	5.56E-05	4.60E-03	7.06E-04	5.57E-03	9.06E-04	5.57E-03	9.06E-04	4.61E-03	7.09E-04	4.76E-03	7.55E-04	4.63E-03	7.14E-04	4.60E-03	7.07E-04	4.62E-03	7.11E-04	4.61E-03	7.09E-04	3.55E-01	9.09E-02	2.75E+00	4.70E-01
1331	Gridded	5.32E-03	7.81E-04	5.31E-03	7.77E-04	5.54E-03	8.32E-04	5.54E-03	8.32E-04	4.09E-04	6.26E-05	5.31E-03	7.78E-04	6.57E-03	9.99E-04	6.57E-03	9.99E-04	5.32E-03	7.81E-04	5.54E-03	8.32E-04	5.34E-03	7.87E-04	5.32E-03	7.79E-04	5.33E-03	7.84E-04	5.32E-03	7.81E-04	4.10E-01	1.01E-01	2.99E+00	5.25E-01
1332	Gridded	4.65E-03	7.38E-04	4.64E-03	7.35E-04	4.84E-03	7.88E-04	4.84E-03	7.88E-04	3.64E-04	5.51E-05	4.64E-03	7.36E-04	5.79E-03	9.50E-04	5.79E-03	9.50E-04	4.65E-03	7.39E-04	4.84E-03	7.88E-04	4.67E-03	7.45E-04	4.65E-03	7.37E-04	4.66E-03	7.41E-04	4.65E-03	7.39E-04	4.12E-01	1.02E-01	2.57E+00	4.72E-01
1333	Gridded	8.30E-03	6.80E-04	8.30E-03	6.78E-04	8.30E-03	7.19E-04	8.30E-03	7.19E-04	2.90E-04	4.41E-05	8.30E-03	6.78E-04	8.30E-03	8.68E-04	8.30E-03	8.68E-04	8.30E-03	6.80E-04	8.30E-03	7.19E-04	8.30E-03	6.85E-04	8.30E-03	6.79E-04	8.30E-03	6.82E-04	8.30E-03	6.81E-04	3.73E-01	9.48E-02	4.49E+00	4.17E-01
1334	Gridded	9.59E-03	6.68E-04	9.59E-03	6.66E-04	9.59E-03	7.09E-04	9.59E-03	7.09E-04	2.40E-04	4.24E-05	9.59E-03	6.66E-04	9.59E-03	8.55E-04	9.59E-03	8.55E-04	9.59E-03	6.68E-04	9.59E-03	7.09E-04	9.59E-03	6.73E-04	9.59E-03	6.67E-04	9.59E-03	6.70E-04	9.59E-03	6.69E-04	3.41E-01	8.88E-02	5.25E+00	4.11E-01
1335	Gridded	5.22E-03	6.30E-04	5.22E-03	6.27E-04	5.22E-03	6.72E-04	5.22E-03	6.72E-04	1.91E-04	4.02E-05	5.22E-03	6.27E-04	5.22E-03	8.11E-04	5.22E-03	8.11E-04	5.22E-03	6.30E-04	5.22E-03	6.72E-04	5.22E-03	6.35E-04	5.22E-03	6.29E-04	5.22E-03	6.32E-04	5.22E-03	6.30E-04	3.16E-01	7.21E-02	3.04E+00	3.88E-01
1336	Gridded	3.25E-03	6.43E-04	3.25E-03	6.41E-04	3.25E-03	6.87E-04	3.25E-03	6.87E-04	1.98E-04	4.12E-05	3.25E-03	6.41E-04	3.83E-03	8.29E-04	3.83E-03	8.29E-04	3.25E-03	6.44E-04	3.25E-03	6.87E-04	3.25E-03	6.49E-04	3.25E-03	6.43E-04	3.25E-03	6.46E-04	3.25E-03	6.44E-04	2.82E-01	6.59E-02	1.82E+00	3.94E-01
1337	Gridded	3.01E-03	6.74E-04	2.99E-03	6.71E-04	3.23E-03	7.21E-04	3.23E-03	7.21E-04	2.07E-04	4.35E-05	3.00E-03	6.72E-04	3.94E-03	8.71E-04	3.94E-03	8.71E-04	3.01E-03	6.74E-04	3.23E-03	7.21E-04	3.04E-03	6.80E-04	3.00E-03	6.73E-04	3.02E-03	6.77E-04	3.01E-03	6.75E-04	2.80E-01	6.26E-02	1.81E+00	4.20E-01
1338	Gridded	3.18E-03	7.27E-04	3.16E-03	7.23E-04	3.42E-03	7.77E-04	3.42E-03	7.77E-04	2.24E-04	4.74E-05	3.17E-03	7.24E-04	4.19E-03	9.40E-04	4.19E-03	9.40E-04	3.18E-03	7.27E-04	3.42E-03	7.77E-04	3.21E-03	7.33E-04	3.18E-03	7.25E-04	3.19E-03	7.30E-04	3.18E-03	7.27E-04	2.86E-01	6.09E-02	1.92E+00	4.55E-01
1339	Gridded	3.40E-03	8.04E-04	3.39E-03	8.00E-04	3.66E-03	8.60E-04	3.66E-03	8.60E-04	2.45E-04	5.26E-05	3.39E-03	8.01E-04	4.51E-03	1.04E-03	4.51E-03	1.04E-03	3.40E-03	8.04E-04	3.66E-03	8.60E-04	3.44E-03	8.11E-04	3.40E-03	8.03E-04	3.42E-03	8.07E-04	3.41E-03	8.05E-04	3.03E-01	6.16E-02	2.06E+00	4.98E-01
1340	Gridded	3.98E-03	9.40E-04	3.96E-03	9.35E-04	4.28E-03	1.01E-03	4.28E-03	1.01E-03	2.89E-04	6.33E-05	3.96E-03	9.36E-04	5.28E-03	1.23E-03	5.28E-03	1.23E-03	3.98E-03	9.40E-04	4.28E-03	1.01E-03	4.01E-03	9.48E-04	3.97E-03	9.38E-04	3.99E-03	9.44E-04	3.98E-03	9.41E-04	4.16E-01	8.67E-02	2.40E+00	5.88E-01
1341	Gridded	4.47E-03	1.07E-03	4.45E-03	1.07E-03	4.83E-03	1.15E-03	4.83E-03	1.15E-03	3.30E-04	7.38E-05	4.46E-03	1.07E-03	5.96E-03	1.41E-03	5.96E-03	1.41E-03	4.48E-03	1.07E-03	4.83E-03	1.15E-03	4.52E-03	1.08E-03	4.47E-03	1.07E-03	4.50E-03	1.08E-03	4.48E-03	1.08E-03	5.05E-01	1.03E-01	2.70E+00	6.70E-01
1342	Gridded	4.94E-03	1.21E-03	4.91E-03	1.20E-03	5.33E-03	1.30E-03	5.33E-03	1.30E-03	3.72E-04	8.40E-05	4.91E-03	1.20E-03	6.61E-03	1.59E-03	6.61E-03	1.59E-03	4.94E-03	1.21E-03	5.33E-03	1.30E-03	4.98E-03	1.22E-03	4.93E-03	1.21E-03	4.96E-03	1.21E-03	4.94E-03	1.21E-03	5.85E-01	1.13E-01	2.97E+00	7.55E-01
1343	Gridded	5.13E-03	1.31E-03	5.10E-03	1.30E-03	5.55E-03	1.40E-03	5.55E-03	1.40E-03	4.01E-04	9.10E-05	5.10E-03	1.30E-03	6.94E-03	1.72E-03	6.94E-03	1.72E-03	5.13E-03	1.31E-03	5.55E-03	1.40E-03	5.18E-03	1.32E-03	5.12E-03	1.31E-03	5.15E-03	1.31E-03	5.13E-03	1.31E-03	6.01E-01	1.09E-01	3.09E+00	8.16E-01
1344	Gridded	5.23E-03	1.43E-03	5.20E-03	1.42E-03	5.68E-03	1.53E-03	5.68E-03	1.53E-03	4.26E-04	1.00E-04	5.20E-03	1.42E-03	7.15E-03	1.88E-03	7.15E-03	1.88E-03	5.23E-03	1.43E-03	5.68E-03	1.53E-03	5.28E-03	1.44E-03	5.22E-03	1.43E-03	5.25E-03	1.43E-03	5.23E-03	1.43E-03	6.10E-01	1.05E-01	3.30E+00	8.89E-01
1345	Gridded	5.28E-03	1.54E-03	5.25E-03	1.53E-03	5.74E-03	1.66E-03	5.74E-03	1.66E-03	4.39E-04	1.08E-04	5.25E-03	1.54E-03	7.26E-03	2.03E-03	7.26E-03	2.03E-03	5.28E-03	1.54E-03	5.74E-03	1.66E-03	5.33E-03	1.56E-03	5.27E-03	1.54E-03	5.30E-03	1.55E-03	5.28E-03	1.54E-03	5.27E-01	8.60E-02	3.46E+00	9.40E-01
1346	Gridded	5.40E-03	1.74E-03	5.36E-03	1.73E-03	5.93E-03	1.87E-03	5.93E-03	1.87E-03	4.97E-04	1.23E-04	5.37E-03	1.73E-03	7.64E-03	2.30E-03	7.64E-03	2.30E-03	5.40E-03	1.74E-03	5.93E-03	1.87E-03	5.46E-03	1.76E-03	5.39E-03	1.74E-03	5.43E-03	1.75E-03	5.40E-03	1.74E-03	4.78E-01	9.79E-02	3.56E+00	1.04E+00
1347	Gridded	6.19E-03	1.99E-03	6.16E-03	1.98E-03	6.61E-03	2.15E-03	6.61E-03	2.15E-03	5.42E-04	1.44E-04	6.16E-03	1.98E-03	7.97E-03	2.64E-03	7.97E-03	2.64E-03	6.19E-03	1.99E-03	6.61E-03	2.15E-03	6.24E-03	2.01E-03	6.18E-03	1.99E-03	6.21E-03	2.00E-03	6.19E-03	1.99E-03	5.72E-01	1.10E-01	3.41E+00	1.18E+00
1348	Gridded	7.48E-03	2.23E-03	7.45E-03	2.22E-03	7.94E-03	2.41E-03	7.94E-03	2.41E-03	5.97E-04	1.66E-04	7.46E-03	2.22E-03	9.42E-03	2.98E-03	9.42E-03	2.98E-03	7.48E-03	2.23E-03	7.94E-03	2.41E-03	7.54E-03	2.25E-03	7.47E-03	2.23E-03	7.51E-03	2.24E-03	7.49E-03	2.23E-03	6.34E-01	1.13E-01	4.24E+00	1.32E+00
1349	Gridded	6.81E-03	2.26E-03	6.76E-03	2.25E-03	7.55E-03	2.44E-03	7.55E-03	2.44E-03	6.95E-04	1.81E-04	6.77E-03	2.25E-03	9.95E-03	3.04E-03	9.95E-03	3.04E-03	6.82E-03	2.26E-03	7.55E-03	2.44E-03	6.91E-03	2.28E-03	6.80E-03	2.25E-03	6.86E-03	2.27E-03	6.82E-03	2.26E-03	6.05E-01	1.36E-01	4.06E+00	1.32E+00
1350	Gridded	7.08E-03	1.95E-03	7.05E-03	1.93E-03	7.52E-03	2.15E-03	7.52E-03	2.15E-03	6.83E-04	1.89E-04	7.05E-03	1.94E-03	9.12E-03	2.80E-03	9.12E-03	2.80E-03	7.08E-03	1.95E-03	7.52E-03	2.15E-03	7.13E-03	1.97E-03	7.07E-03	1.94E-03	7.10E-03	1.96E-03	7.08E-03	1.95E-03	7.07E-01	1.85E-01	4.01E+00	1.19E+00
1351	Gridded	5.59E-03	9.97E-04	5.57E-03	9.91E-04	6.00E-03	1.09E-03	6.00E-03	1.09E-03	4.80E-04	8.92E-05	5.57E-03	9.92E-04	7.40E-03	1.40E-03	7.40E-03	1.40E-03	5.59E-03	9.98E-04	6.00E-03	1.09E-03	5.63E-03	1.01E-03	5.58E-03	9.95E-04	5.61E-03	1.00E-03	5.59E-03	9.99E-04	7.32E-01	2.01E-01	3.38E+00	6.89E-01
1352	Gridded	2.38E-03	3.06E-04	2.36E-03	3.05E-04	2.68E-03	3.08E-04	2.68E-03	3.08E-04	5.00E-04	4.57E-05	2.36E-03	3.06E-04	3.65E-03	3.15E-04	3.65E-03	3.15E-04	2.38E-03	3.06E-04	2.68E-03	3.08E-04	2.42E-03	3.06E-04	2.37E-03	3.06E-04	2.40E-03	3.06E-04	2.38E-03	3.06E-04	1.04E+00	1.39E-01	1.66E+00	1.72E-01
1353	Gridded	2.52E-03	2.96E-04	2.51E-03	2.94E-04	2.71E-03	3.22E-04	2.71E-03	3.22E-04	5.05E-04	7.33E-05	2.51E-03	2.94E-04	3.31E-03	5.02E-04	3.31E-03	5.02E-04	2.52E-03	2.96E-04	2.71E-03	3.22E-04	2.54E-03	2.99E-04	2.52E-03	2.95E-04	2.53E-03	2.97E-04	2.52E-03	2.96E-04	2.05E+00	1.52E-01	4.16E+00	2.18E-01
1354	Gridded	4.64E-03	4.81E-04	4.59E-03	4.69E-04	5.42E-03	6.57E-04	5.42E-03	6.57E-04	1.13E-03	1.66E-04	4.60E-03	4.71E-04	8.60E-03	1.23E-03	8.60E-03	1.23E-03	4.64E-03	4.81E-04	5.42E-03	6.57E-04	4.74E-03	5.03E-04	4.62E-03	4.77E-04	4.69E-03	4.91E-04	4.65E-03	4.83E-04	1.24E+00	1.58E-01	3.07E+00	3.41E-01
1355	Gridded	9.43E-03	9.54E-04	9.38E-03	9.45E-04	1.01E-02	1.08E-03	1.01E-02	1.08E-03	1.01E-03	1.21E-04	9.39E-03	9.47E-04	1.25E-02	1.50E-03	1.25E-02	1.50E-03	9.43E-03	9.54E-04	1.01E-02	1.08E-03	9.51E-03	9.70E-04	9.41E-03	9.51E-04	9.47E-03	9.61E-04	9.43E-03	9.55E-04	1.21E+00	1.54E-01	5.31E+00	6.50E-01
1356	Gridded	1.16E-02	1.03E-03	1.16E-02	1.03E-03	1.24E-02	1.12E-03	1.24E-02	1.12E-03	8.81E-04	9.94E-05	1.16E-02	1.03E-03	1.51E-02	1.41E-03	1.51E-02	1.41E-03	1.16E-02	1.03E-03	1.24E-02	1.12E-03	1.17E-02	1.04E-03	1.16E-02	1.03E-03	1.17E-02	1.04E-03	1.16E-02	1.03E-03	7.00E-01	1.05E-01	6.74E+00	6.35E-01
1357	Gridded	1.19E-02	9.53E-04	1.18E-02	9.48E-04	1.27E-02	1.03E-03	1.27E-02	1.03E-03	7.38E-04	8.54E-05	1.19E-02	9.49E-04	1.52E-02	1.27E-03	1.52E-02	1.27E-03	1.19E-02	9.53E-04	1.27E-02	1.03E-03	1.20E-02	9.62E-04	1.19E-02	9.51E-04	1.19E-02	9.57E-04	1.19E-02	9.54E-04	5.58E-01	7.59E-02	6.99E+00	5.72E-01
1358	Gridded	1.17E-02	8.82E-04	1.17E-02	8.78E-04	1.24E-02	9.58E-04	1.24E-02	9.58E-04	6.69E-04	7.75E-05	1.17E-02	8.79E-04	1.47E-02	1.23E-03	1.47E-02	1.23E-03	1.17E-02	8.82E-04	1.24E-02	9.58E-04	1.18E-02	8.90E-04	1.17E-02	8.81E-04	1.18E-02	8.86E-04	1.17E-02	8.83E-04	4.25E-01	6.78E-02	6.92E+00	5.56E-01
1359	Gridded	1.08E-02	6.86E-04	1.08E-02	6.83E-04	1.14E-02	7.40E-04	1.14E-02	7.40E-04	5.76E-04	5.78E-05	1.08E-02	6.84E-04	1.34E-02	9.39E-04	1.34E-02	9.39E-04	1.08E-02	6.86E-04	1.14E-02	7.40E-04	1.09E-02	6.92E-04	1.08E-02	6.85E-04	1.08E-02	6.89E-04	1.08E-02	6.87E-04	3.80E-01	4.38E-02	6.39E+00	4.27E-01
1360	Gridded	9.60E-03	6.32E-04	9.56E-03	6.30E-04	1.01E-02	6.68E-04	1.01E-02	6.68E-04	4.98E-04	4.69E-05	9.57E-03	6.30E-04	1.18E-02	7.84E-04	1.18E-02	7.84E-04	9.60E-03	6.33E-04	1.01E-02	6.68E-04	9.66E-03	6.37E-04	9.58E-03	6.32E-04	9.63E-03	6.35E-04	9.60E-03	6.33E-04	3.44E-01	3.69E-02	5.68E+00	3.64E-01
1361	Gridded	8.46E-03	6.13E-04	8.43E-03	6.11E-04	8.93E-03	6.47E-04	8.93E-03	6.47E-04	4.33E-04	4.02E-05	8.44E-03	6.11E-04	1.04E-02	7.58E-04	1.04E-02	7.58E-04	8.47E-03	6.13E-04	8.93E-03	6.47E-04	8.52E-03	6.17E-04	8.45E-03	6.12E-04	8.49E-03	6.15E-04	8.47E-03	6.13E-04	3.14E-01	3.92E-02	5.03E+00	3.49E-01
1362	Gridded	7.48E-03	5.82E-04	7.45E-03	5.80E-04	7.88E-03	6.14E-04	7.88E-03	6.14E-04	3.76E-04	3.60E-05	7.46E-03	5.80E-04	9.18E-03	7.20E-04	9.18E-03	7.20E-04	7.48E-03	5.82E-04	7.88E-03	6.14E-04	7.53E-03	5.86E-04	7.47E-03	5.81E-04	7.50E-03	5.84E-04	7.48E-03	5.82E-04	2.98E-01	4.00E-02	4.45E+00	3.31E-01
1363	Gridded	6.62E-03	5.62E-04	6.60E-03	5.60E-04	6.97E-03	5.97E-04	6.97E-03	5.97E-04	3.27E-04	3.74E-05	6.60E-03	5.60E-04	8.10E-03	7.08E-04	8.10E-03	7.08E-04	6.62E-03	5.62E-04	6.97E-03	5.97E-04	6.66E-03	5.67E-04	6.61E-03	5.62E-04	6.64E-03	5.64E-04	6.63E-03	5.63E-04	3.50E-01	4.40E-02	3.95E+00	3.23E-01
1364	Gridded	5.91E-03	5.49E-04	5.89E-03	5.47E-04	6.21E-03	5.82E-04	6.21E-03	5.82E-04	3.30E-04	3.94E-05	5.89E-03	5.47E-04	7.20E-03	6.89E-04	7.20E-03	6.89E-04	5.91E-03	5.49E-04	6.21E-03	5.82E-04	5.95E-03	5.53E-04	5.90E-03	5.48E-04	5.93E-03	5.51E-04	5.91E-03	5.49E-04	3.71E-01	4.49E-02	3.53E+00	3.16E-01
1365	Gridded	5.33E-03	5.52E-04	5.31E-03	5.50E-04	5.67E-03	5.85E-04	5.67E-03	5.85E-04	4.38E-04	4.89E-05	5.31E-03	5.50E-04	6.88E-03	6.91E-04	6.88E-03	6.91E-04	5.33E-03	5.52E-04	5.67E-03	5.85E-04	5.36E-03	5.56E-04	5.32E-03	5.51E-04	5.34E-03	5.54E-04	5.33E-03	5.52E-04	4.50E-01	5.24E-02	3.17E+00	3.21E-01
1366	Gridded	5.55E-03	5.12E-04	5.53E-03	5.10E-04	5.95E-03	5.42E-04	5.95E-03	5.42E-04	3.84E-04	4.34E-05	5.53E-03	5.10E-04	7.22E-03	6.41E-04	7.22E-03	6.41E-04	5.56E-03	5.12E-04	5.95E-03	5.42E-04	5.60E-03	5.15E-04	5.55E-03	5.11E-04	5.58E-03	5.13E-04	5.56E-03	5.12E-04	4.04E-01	4.63E-02	3.15E+00	2.95E-01
1367	Gridded	5.62E-03	4.86E-04	5.60E-03	4.84E-04	6.02E-03	5.15E-04	6.02E-03	5.15E-04	3.76E-04	4.28E-05	5.60E-03	4.85E-04	7.32E-03	6.09E-04	7.32E-03	6.09E-04	5.62E-03	4.86E-04	6.02E-03	5.15E-04	5.67E-03	4.90E-04	5.61E-03	4.86E-04	5.65E-03	4.88E-04	5.63E-03	4.87E-04	4.05E-01	4.55E-02	3.19E+00	2.81E-01
1368	Gridded	5.51E-03	4.50E-04	5.49E-03	4.48E-04	5.91E-03	4.77E-04	5.91E-03	4.77E-04	3.74E-04	3.70E-05	5.49E-03	4.49E-04	7.20E-03	5.63E-04	7.20E-03	5.63E-04	5.52E-03	4.50E-04	5.91E-03	4.77E-04	5.56E-03	4.53E-04	5.51E-03	4.50E-04	5.54E-03	4.52E-04	5.52E-03	4.50E-04	3.73E-01	4.17E-02	3.13E+00	2.60E-01
1369	Gridded	5.32E-03	3.88E-04	5.30E-03	3.87E-04	5.71E-03	4.12E-04	5.71E-03	4.12E-04	3.67E-04	2.30E-05	5.30E-03	3.87E-04	6.98E-03	4.87E-04	6.98E-03	4.87E-04	5.32E-03	3.88E-04	5.71E-03	4.12E-04	5.37E-03	3.91E-04	5.31E-03	3.88E-04	5.35E-03	3.90E-04	5.33E-03	3.89E-04	2.75E-01	3.13E-02	3.01E+00	2.25E-01
1370	Gridded	5.11E-03	3.79E-04	5.08E-03	3.78E-04	5.49E-03	4.02E-04	5.49E-03	4.02E-04	3.57E-04	2.55E-05	5.09E-03	3.78E-04	6.72E-03	4.74E-04	6.72E-03	4.74E-04	5.11E-03	3.79E-04	5.49E-03	4.02E-04	5.15E-03	3.82E-04	5.10E-03	3.79E-04	5.13E-03	3.80E-04	5.11E-03	3.79E-04	3.62E-01	3.74E-02	2.89E+00	2.19E-01
1371	Gridded	4.86E-03	3.62E-04	4.83E-03	3.61E-04	5.22E-03	3.84E-04	5.22E-03	3.84E-04	3.42E-04	2.61E-05	4.84E-03	3.61E-04	6.40E-03	4.53E-04	6.40E-03	4.53E-04	4.86E-03	3.62E-04	5.22E-03	3.84E-04	4.90E-03	3.65E-04	4.85E-03	3.62E-04	4.88E-03	3.64E-04	4.86E-03	3.63E-04	4.24E-01	4.18E-02	2.74E+00	2.14E-01
1372	Gridded	4.55E-03	3.50E-04	4.53E-03	3.48E-04	4.90E-03	3.70E-04	4.90E-03	3.70E-04	3.23E-04	2.76E-05	4.53E-03	3.48E-04	6.01E-03	4.37E-04	6.01E-03	4.37E-04	4.55E-03	3.50E-04	4.90E-03	3.70E-04	4.59E-03	3.52E-04	4.54E-03	3.49E-04	4.57E-03	3.51E-04	4.56E-03	3.50E-04	4.77E-01	4.62E-02	2.56E+00	2.26E-01
1373	Gridded	4.18E-03	3.82E-04	4.16E-03	3.80E-04	4.49E-03	4.11E-04	4.49E-03	4.11E-04	3.28E-04	3.01E-05	4.16E-03	3.81E-04	5.52E-03	5.05E-04	5.52E-03	5.05E-04	4.18E-03	3.82E-04	4.49E-03	4.11E-04	4.22E-03	3.86E-04	4.17E-03	3.82E-04	4.20E-03	3.84E-04	4.18E-03	3.82E-04	5.18E-01	4.88E-02	2.35E+00	2.57E-01
1374	Gridded	3.75E-03	4.70E-04	3.73E-03	4.67E-04	4.03E-03	5.05E-04	4.03E-03	5.05E-04	3.57E-04	3.33E-05	3.73E-03	4.68E-04	4.95E-03	6.20E-04	4.95E-03	6.20E-04	3.75E-03	4.70E-04	4.03E-03	5.05E-04	3.78E-03	4.74E-04	3.74E-03	4.69E-04	3.76E-03	4.72E-04	3.75E-03	4.70E-04	5.24E-01	4.78E-02	2.11E+00	3.01E-01
1375	Gridded	3.94E-03	6.81E-04	3.93E-03	6.78E-04	4.09E-03	7.31E-04	4.09E-03	7.31E-04	4.12E-04	4.66E-05	3.94E-03	6.78E-04	5.05E-03	8.92E-04	5.05E-03	8.92E-04	3.94E-03	6.81E-04	4.09E-03	7.31E-04	3.96E-03	6.87E-04	3.94E-03	6.80E-04	3.95E-03	6.84E-04	3.95E-03	6.82E-04	5.27E-01	4.77E-02	2.34E+00	4.16E-01
1376	Gridded	2.79E-03	4.85E-04	2.77E-03	4.82E-04	3.00E-03	5.21E-04	3.00E-03	5.21E-04	3.21E-04	3.38E-05	2.78E-03	4.83E-04	3.69E-03	6.37E-04	3.69E-03	6.37E-04	2.79E-03	4.85E-04	3.00E-03	5.21E-04	2.81E-03	4.89E-04	2.78E-03	4.84E-04	2.80E-03	4.87E-04	2.79E-03	4.85E-04	4.32E-01	3.78E-02	1.58E+00	2.95E-01
1377	Gridded	2.61E-03	4.78E-04	2.60E-03	4.76E-04	2.69E-03	5.14E-04	2.69E-03	5.14E-04	3.28E-04	3.36E-05	2.60E-03	4.76E-04	3.23E-03	6.30E-04	3.23E-03	6.30E-04	2.61E-03	4.78E-04	2.69E-03	5.14E-04	2.62E-03	4.83E-04	2.60E-03	4.77E-04	2.61E-03	4.80E-04	2.61E-03	4.79E-04	3.90E-01	3.44E-02	1.54E+00	2.89E-01
1378	Gridded	5.46E-03	6.56E-04	5.43E-03	6.53E-04	5.81E-03	6.95E-04	5.81E-03	6.95E-04	3.53E-04	4.50E-05	5.44E-03	6.54E-04	7.03E-03	8.42E-04	7.03E-03	8.42E-04	5.46E-03	6.56E-04	5.81E-03	6.95E-04	5.50E-03	6.61E-04	5.45E-03	6.55E-04	5.48E-03	6.58E-04	5.46E-03	6.56E-04	3.64E-01	7.61E-02	3.00E+00	3.98E-01
1379	Gridded	4.58E-03	6.29E-04	4.56E-03	6.26E-04	4.88E-03	6.67E-04	4.88E-03	6.67E-04	3.11E-04	4.25E-05	4.56E-03	6.27E-04	5.87E-03	7.92E-04	5.87E-03	7.92E-04	4.58E-03	6.29E-04	4.88E-03	6.67E-04	4.62E-03	6.34E-04	4.57E-03	6.28E-04	4.60E-03	6.31E-04	4.58E-03	6.29E-04	3.59E-01	7.31E-02	2.53E+00	3.79E-01
1380	Gridded	4.06E-03	6.21E-04	4.04E-03	6.18E-04	4.35E-03	6.60E-04	4.35E-03	6.60E-04	2.87E-04	4.13E-05	4.04E-03	6.19E-04	5.29E-03	7.85E-04	5.29E-03	7.85E-04	4.06E-03	6.21E-04	4.35E-03	6.60E-04	4.10E-03	6.26E-04	4.05E-03	6.20E-04	4.08E-03	6.23E-04	4.06E-03	6.21E-04	3.64E-01	7.00E-02	2.28E+00	3.71E-01
1381	Gridded	4.78E-03	6.89E-04	4.75E-03	6.86E-04	5.13E-03	7.32E-04	5.13E-03	7.32E-04	3.39E-04	4.50E-05	4.76E-03	6.86E-04	6.26E-03	8.72E-04	6.26E-03	8.72E-04	4.78E-03	6.89E-04	5.13E-03	7.32E-04	4.82E-03	6.94E-04	4.77E-03	6.88E-04	4.80E-03	6.91E-04	4.78E-03	6.89E-04	4.13E-01	7.49E-02	2.72E+00	4.09E-01
1382	Gridded	4.59E-03	7.07E-04	4.56E-03	7.04E-04	4.94E-03	7.52E-04	4.94E-03	7.52E-04	3.36E-04	4.55E-05	4.57E-03	7.04E-04	6.10E-03	8.98E-04	6.10E-03	8.98E-04	4.59E-03	7.07E-04	4.94E-03	7.52E-04	4.63E-03	7.12E-04	4.58E-03	7.06E-04	4.61E-03	7.10E-04	4.59E-03	7.07E-04	4.32E-01	7.74E-02	2.68E+00	4.23E-01
1383	Gridded	8.32E-03	6.78E-04	8.32E-03	6.75E-04	8.32E-03	7.22E-04	8.32E-03	7.22E-04	2.90E-04	4.30E-05	8.32E-03	6.75E-04	8.32E-03	8.66E-04	8.32E-03	8.66E-04	8.32E-03	6.78E-04	8.32E-03	7.22E-04	8.32E-03	6.83E-04	8.32E-03	6.77E-04	8.32E-03	6.80E-04	8.32E-03	6.78E-04	4.23E-01	7.42E-02	4.46E+00	4.11E-01
1384	Gridded	1.01E-02	6.43E-04	1.01E-02	6.40E-04	1.01E-02	6.86E-04	1.01E-02	6.86E-04	2.42E-04	4.04E-05	1.01E-02	6.41E-04	1.01E-02	8.26E-04	1.01E-02	8.26E-04	1.01E-02	6.43E-04	1.01E-02	6.86E-04	1.01E-02	6.49E-04	1.01E-02	6.42E-04	1.01E-02	6.46E-04	1.01E-02	6.44E-04	4.06E-01	6.93E-02	5.46E+00	3.95E-01
1385	Gridded	6.17E-03	6.01E-04	6.17E-03	5.98E-04	6.17E-03	6.42E-04	6.17E-03	6.42E-04	1.93E-04	3.86E-05	6.17E-03	5.99E-04	6.17E-03	7.75E-04	6.17E-03	7.75E-04	6.17E-03	6.01E-04	6.17E-03	6.42E-04	6.17E-03	6.06E-04	6.17E-03	6.00E-04	6.17E-03	6.03E-04	6.17E-03	6.01E-04	3.66E-01	6.28E-02	3.45E+00	3.75E-01
1386	Gridded	2.64E-03	5.34E-04	2.63E-03	5.32E-04	2.83E-03	5.72E-04	2.83E-03	5.72E-04	1.73E-04	3.55E-05	2.63E-03	5.32E-04	3.42E-03	6.93E-04	3.42E-03	6.93E-04	2.64E-03	5.35E-04	2.83E-03	5.72E-04	2.67E-03	5.39E-04	2.64E-03	5.34E-04	2.65E-03	5.37E-04	2.64E-03	5.35E-04	2.86E-01	5.23E-02	1.56E+00	3.39E-01
1387	Gridded	3.01E-03	5.34E-04	3.00E-03	5.31E-04	3.19E-03	5.71E-04	3.19E-03	5.71E-04	1.84E-04	3.54E-05	3.00E-03	5.32E-04	3.79E-03	6.94E-04	3.79E-03	6.94E-04	3.01E-03	5.34E-04	3.19E-03	5.71E-04	3.03E-03	5.38E-04	3.01E-03	5.33E-04	3.02E-03	5.36E-04	3.01E-03	5.34E-04	2.46E-01	4.83E-02	1.78E+00	3.36E-01
1388	Gridded	3.53E-03	5.52E-04	3.52E-03	5.49E-04	3.76E-03	5.90E-04	3.76E-03	5.90E-04	2.10E-04	3.59E-05	3.52E-03	5.50E-04	4.48E-03	7.14E-04	4.48E-03	7.14E-04	3.53E-03	5.52E-04	3.76E-03	5.90E-04	3.56E-03	5.57E-04	3.53E-03	5.51E-04	3.55E-03	5.54E-04	3.53E-03	5.52E-04	2.65E-01	5.00E-02	2.10E+00	3.47E-01
1389	Gridded	3.98E-03	5.69E-04	3.96E-03	5.66E-04	4.24E-03	6.07E-04	4.24E-03	6.07E-04	2.48E-04	3.62E-05	3.96E-03	5.67E-04	5.10E-03	7.32E-04	5.10E-03	7.32E-04	3.98E-03	5.69E-04	4.24E-03	6.07E-04	4.01E-03	5.73E-04	3.97E-03	5.68E-04	3.99E-03	5.71E-04	3.98E-03	5.69E-04	2.62E-01	5.12E-02	2.38E+00	3.53E-01
1390	Gridded	4.41E-03	6.02E-04	4.39E-03	5.99E-04	4.72E-03	6.42E-04	4.72E-03	6.42E-04	2.91E-04	3.78E-05	4.39E-03	6.00E-04	5.72E-03	7.72E-04	5.72E-03	7.72E-04	4.41E-03	6.02E-04	4.72E-03	6.42E-04	4.45E-03	6.07E-04	4.40E-03	6.01E-04	4.43E-03	6.04E-04	4.41E-03	6.02E-04	2.65E-01	5.40E-02	2.65E+00	3.69E-01
1391	Gridded	5.20E-03	6.99E-04	5.17E-03	6.96E-04	5.57E-03	7.46E-04	5.57E-03	7.46E-04	3.56E-04	4.51E-05	5.17E-03	6.97E-04	6.80E-03	8.98E-04	6.80E-03	8.98E-04	5.20E-03	6.99E-04	5.57E-03	7.46E-04	5.24E-03	7.05E-04	5.19E-03	6.98E-04	5.22E-03	7.02E-04	5.20E-03	7.00E-04	4.07E-01	6.71E-02	3.11E+00	4.33E-01
1392	Gridded	5.41E-03	7.54E-04	5.39E-03	7.51E-04	5.82E-03	8.01E-04	5.82E-03	8.01E-04	3.87E-04	4.67E-05	5.39E-03	7.51E-04	7.16E-03	9.55E-04	7.16E-03	9.55E-04	5.41E-03	7.54E-04	5.82E-03	8.01E-04	5.46E-03	7.60E-04	5.40E-03	7.53E-04	5.44E-03	7.57E-04	5.42E-03	7.55E-04	4.15E-01	6.96E-02	3.24E+00	4.54E-01
1393	Gridded	5.49E-03	8.45E-04	5.46E-03	8.41E-04	5.92E-03	9.00E-04	5.92E-03	9.00E-04	4.04E-04	5.20E-05	5.46E-03	8.42E-04	7.31E-03	1.08E-03	7.31E-03	1.08E-03	5.49E-03	8.45E-04	5.92E-03	9.00E-04	5.54E-03	8.52E-04	5.48E-03	8.44E-04	5.51E-03	8.48E-04	5.49E-03	8.46E-04	4.71E-01	7.35E-02	3.26E+00	5.00E-01
1394	Gridded	4.72E-03	8.27E-04	4.69E-03	8.23E-04	5.10E-03	8.80E-04	5.10E-03	8.80E-04	3.61E-04	5.03E-05	4.70E-03	8.24E-04	6.35E-03	1.05E-03	6.35E-03	1.05E-03	4.72E-03	8.27E-04	5.10E-03	8.80E-04	4.76E-03	8.33E-04	4.71E-03	8.26E-04	4.74E-03	8.30E-04	4.72E-03	8.27E-04	4.24E-01	6.83E-02	2.80E+00	5.05E-01
1395	Gridded	4.99E-03	8.61E-04	4.96E-03	8.57E-04	5.38E-03	9.16E-04	5.38E-03	9.16E-04	3.72E-04	6.39E-05	4.97E-03	8.58E-04	6.67E-03	1.11E-03	6.67E-03	1.11E-03	4.99E-03	8.61E-04	5.38E-03	9.16E-04	5.04E-03	8.67E-04	4.98E-03	8.59E-04	5.01E-03	8.64E-04	4.99E-03	8.61E-04	3.90E-01	6.50E-02	3.00E+00	5.24E-01
1396	Gridded	5.78E-03	1.06E-03	5.75E-03	1.05E-03	6.25E-03	1.15E-03	6.25E-03	1.15E-03	4.67E-04	8.62E-05	5.75E-03	1.06E-03	7.79E-03	1.45E-03	7.79E-03	1.45E-03	5.78E-03	1.06E-03	6.25E-03	1.15E-03	5.84E-03	1.07E-03	5.77E-03	1.06E-03	5.81E-03	1.07E-03	5.78E-03	1.06E-03	4.50E-01	7.14E-02	3.55E+00	6.68E-01
1397	Gridded	6.62E-03	1.33E-03	6.59E-03	1.32E-03	7.12E-03	1.44E-03	7.12E-03	1.44E-03	5.38E-04	1.08E-04	6.60E-03	1.32E-03	8.74E-03	1.82E-03	8.74E-03	1.82E-03	6.63E-03	1.33E-03	7.12E-03	1.44E-03	6.69E-03	1.34E-03	6.61E-03	1.33E-03	6.65E-03	1.34E-03	6.63E-03	1.33E-03	5.40E-01	8.91E-02	3.98E+00	8.19E-01
1398	Gridded	8.17E-03	1.44E-03	8.13E-03	1.43E-03	8.78E-03	1.56E-03	8.78E-03	1.56E-03	6.24E-04	1.09E-04	8.14E-03	1.43E-03	1.08E-02	1.93E-03	1.08E-02	1.93E-03	8.17E-03	1.44E-03	8.78E-03	1.56E-03	8.25E-03	1.45E-03	8.16E-03	1.44E-03	8.21E-03	1.45E-03	8.18E-03	1.44E-03	5.87E-01	1.04E-01	4.85E+00	8.56E-01
1399	Gridded	7.81E-03	1.35E-03	7.78E-03	1.35E-03	8.35E-03	1.45E-03	8.35E-03	1.45E-03	7.97E-04	1.04E-04	7.78E-03	1.35E-03	1.01E-02	1.81E-03	1.01E-02	1.81E-03	7.81E-03	1.35E-03	8.35E-03	1.45E-03	7.88E-03	1.36E-03	7.80E-03	1.35E-03	7.84E-03	1.36E-03	7.82E-03	1.35E-03	6.39E-01	1.26E-01	4.52E+00	8.48E-01
1400	Gridded	6.97E-03	1.69E-03	6.94E-03	1.68E-03	7.52E-03	1.80E-03	7.52E-03	1.80E-03	6.47E-04	1.21E-04	6.94E-03	1.68E-03	9.27E-03	2.18E-03	9.27E-03	2.18E-03	6.98E-03	1.69E-03	7.52E-03	1.80E-03	7.04E-03	1.70E-03	6.96E-03	1.69E-03	7.01E-03	1.69E-03	6.98E-03	1.69E-03	7.29E-01	2.26E-01	3.94E+00	1.02E+00
1401	Gridded	7.32E-03	1.90E-03	7.28E-03	1.89E-03	7.99E-03	2.01E-03	7.99E-03	2.01E-03	7.82E-04	1.15E-04	7.29E-03	1.89E-03	1.01E-02	2.38E-03	1.01E-02	2.38E-03	7.33E-03	1.90E-03	7.99E-03	2.01E-03	7.41E-03	1.91E-03	7.31E-03	1.90E-03	7.36E-03	1.90E-03	7.33E-03	1.90E-03	8.52E-01	1.58E-01	4.17E+00	1.18E+00
1402	Gridded	7.15E-03	1.17E-03	7.12E-03	1.17E-03	7.61E-03	1.22E-03	7.61E-03	1.22E-03	9.80E-04	1.47E-04	7.12E-03	1.17E-03	9.12E-03	1.57E-03	9.12E-03	1.57E-03	7.15E-03	1.17E-03	7.61E-03	1.22E-03	7.21E-03	1.17E-03	7.14E-03	1.17E-03	7.18E-03	1.17E-03	7.16E-03	1.17E-03	9.64E-01	3.03E-01	4.19E+00	6.94E-01
1403	Gridded	6.78E-03	1.02E-03	6.76E-03	1.02E-03	7.12E-03	1.06E-03	7.12E-03	1.06E-03	6.50E-04	8.24E-05	6.76E-03	1.02E-03	8.22E-03	1.21E-03	8.22E-03	1.21E-03	6.78E-03	1.02E-03	7.12E-03	1.06E-03	6.82E-03	1.03E-03	6.77E-03	1.02E-03	6.80E-03	1.02E-03	6.78E-03	1.02E-03	1.13E+00	2.00E-01	4.10E+00	7.19E-01
1404	Gridded	5.28E-03	4.50E-04	5.26E-03	4.47E-04	5.60E-03	4.96E-04	5.60E-03	4.96E-04	5.93E-04	7.13E-05	5.27E-03	4.47E-04	6.98E-03	7.24E-04	6.98E-03	7.24E-04	5.28E-03	4.50E-04	5.60E-03	4.96E-04	5.32E-03	4.55E-04	5.28E-03	4.49E-04	5.30E-03	4.52E-04	5.29E-03	4.50E-04	8.23E-01	1.78E-01	3.39E+00	3.30E-01
1405	Gridded	5.90E-03	1.07E-03	5.87E-03	1.06E-03	6.48E-03	1.19E-03	6.48E-03	1.19E-03	5.46E-04	1.13E-04	5.87E-03	1.06E-03	8.34E-03	1.58E-03	8.34E-03	1.58E-03	5.91E-03	1.07E-03	6.48E-03	1.19E-03	5.98E-03	1.08E-03	5.89E-03	1.06E-03	5.94E-03	1.07E-03	5.91E-03	1.07E-03	1.69E+00	1.32E-01	3.53E+00	6.62E-01
1406	Gridded	9.46E-03	1.56E-03	9.43E-03	1.55E-03	1.01E-02	1.65E-03	1.01E-02	1.65E-03	6.55E-04	9.09E-05	9.43E-03	1.55E-03	1.23E-02	1.97E-03	1.23E-02	1.97E-03	9.47E-03	1.56E-03	1.01E-02	1.65E-03	9.54E-03	1.57E-03	9.45E-03	1.56E-03	9.50E-03	1.56E-03	9.47E-03	1.56E-03	1.25E+00	2.09E-01	6.05E+00	9.46E-01
1407	Gridded	1.16E-02	1.26E-03	1.16E-02	1.26E-03	1.23E-02	1.34E-03	1.23E-02	1.34E-03	6.93E-04	7.44E-05	1.16E-02	1.26E-03	1.47E-02	1.60E-03	1.47E-02	1.60E-03	1.16E-02	1.26E-03	1.23E-02	1.34E-03	1.17E-02	1.27E-03	1.16E-02	1.26E-03	1.16E-02	1.27E-03	1.16E-02	1.26E-03	9.16E-01	8.80E-02	6.52E+00	7.77E-01
1408	Gridded	1.03E-02	1.13E-03	1.03E-02	1.12E-03	1.09E-02	1.19E-03	1.09E-02	1.19E-03	7.64E-04	6.31E-05	1.03E-02	1.12E-03	1.29E-02	1.41E-03	1.29E-02	1.41E-03	1.03E-02	1.13E-03	1.09E-02	1.19E-03	1.04E-02	1.14E-03	1.03E-02	1.13E-03	1.04E-02	1.13E-03	1.03E-02	1.13E-03	7.82E-01	9.82E-02	5.90E+00	7.13E-01

Scenario 2 Results

1409	Gridded	1.12E-02	9.90E-04	1.11E-02	9.86E-04	1.18E-02	1.05E-03	1.18E-02	1.05E-03	6.07E-04	6.14E-05	1.11E-02	9.87E-04	1.37E-02	1.24E-03	1.37E-02	1.24E-03	1.12E-02	9.90E-04	1.18E-02	1.05E-03	1.12E-02	9.97E-04	1.12E-02	9.89E-04	1.12E-02	9.94E-04	1.12E-02	9.91E-04	8.50E-01	1.24E-01	6.41E+00	6.75E-01
1410	Gridded	1.06E-02	7.58E-04	1.06E-02	7.56E-04	1.12E-02	8.00E-04	1.12E-02	8.00E-04	5.26E-04	5.30E-05	1.06E-02	7.56E-04	1.30E-02	9.35E-04	1.30E-02	9.35E-04	1.06E-02	7.58E-04	1.12E-02	8.00E-04	1.07E-02	7.63E-04	1.06E-02	7.57E-04	1.06E-02	7.61E-04	1.06E-02	7.59E-04	4.29E-01	9.46E-02	6.13E+00	4.41E-01
1411	Gridded	9.59E-03	6.89E-04	9.55E-03	6.86E-04	1.01E-02	7.27E-04	1.01E-02	7.27E-04	4.75E-04	4.54E-05	9.56E-03	6.87E-04	1.17E-02	8.49E-04	1.17E-02	8.49E-04	9.59E-03	6.89E-04	1.01E-02	7.27E-04	9.65E-03	6.94E-04	9.57E-03	6.88E-04	9.62E-03	6.91E-04	9.59E-03	6.89E-04	4.07E-01	6.39E-02	5.57E+00	4.02E-01
1412	Gridded	8.44E-03	6.12E-04	8.41E-03	6.10E-04	8.89E-03	6.46E-04	8.89E-03	6.46E-04	4.25E-04	3.86E-05	8.42E-03	6.10E-04	1.03E-02	7.55E-04	1.03E-02	7.55E-04	8.44E-03	6.12E-04	8.89E-03	6.46E-04	8.50E-03	6.16E-04	8.43E-03	6.11E-04	8.47E-03	6.14E-04	8.45E-03	6.13E-04	3.79E-01	4.67E-02	4.93E+00	3.59E-01
1413	Gridded	7.41E-03	5.43E-04	7.39E-03	5.41E-04	7.81E-03	5.73E-04	7.81E-03	5.73E-04	4.13E-04	3.71E-05	7.39E-03	5.42E-04	9.09E-03	6.79E-04	9.09E-03	6.79E-04	7.41E-03	5.43E-04	7.81E-03	5.73E-04	7.46E-03	5.47E-04	7.40E-03	5.43E-04	7.44E-03	5.45E-04	7.42E-03	5.44E-04	3.40E-01	4.42E-02	4.34E+00	3.20E-01
1414	Gridded	7.04E-03	4.93E-04	7.01E-03	4.91E-04	7.47E-03	5.31E-04	7.47E-03	5.31E-04	4.06E-04	3.51E-05	7.01E-03	4.91E-04	8.87E-03	6.52E-04	8.87E-03	6.52E-04	7.04E-03	4.93E-04	7.47E-03	5.31E-04	7.09E-03	4.98E-04	7.03E-03	4.92E-04	7.06E-03	4.95E-04	7.04E-03	4.94E-04	3.01E-01	4.03E-02	4.06E+00	2.92E-01
1415	Gridded	6.91E-03	4.78E-04	6.88E-03	4.76E-04	7.34E-03	5.14E-04	7.34E-03	5.14E-04	4.02E-04	3.40E-05	6.89E-03	4.76E-04	8.73E-03	6.32E-04	8.73E-03	6.32E-04	6.91E-03	4.78E-04	7.34E-03	5.14E-04	6.96E-03	4.83E-04	6.90E-03	4.77E-04	6.94E-03	4.80E-04	6.91E-03	4.79E-04	3.47E-01	3.93E-02	3.98E+00	2.85E-01
1416	Gridded	6.73E-03	4.65E-04	6.70E-03	4.63E-04	7.15E-03	4.96E-04	7.15E-03	4.96E-04	3.97E-04	3.14E-05	6.71E-03	4.63E-04	8.52E-03	5.97E-04	8.52E-03	5.97E-04	6.73E-03	4.65E-04	7.15E-03	4.96E-04	6.78E-03	4.68E-04	6.72E-03	4.64E-04	6.76E-03	4.66E-04	6.73E-03	4.65E-04	3.87E-01	3.71E-02	3.89E+00	2.69E-01
1417	Gridded	6.51E-03	5.02E-04	6.48E-03	5.00E-04	6.92E-03	5.35E-04	6.92E-03	5.35E-04	3.90E-04	3.12E-05	6.49E-03	5.00E-04	8.27E-03	6.43E-04	8.27E-03	6.43E-04	6.51E-03	5.02E-04	6.92E-03	5.35E-04	6.56E-03	5.06E-04	6.50E-03	5.01E-04	6.53E-03	5.04E-04	6.51E-03	5.02E-04	4.07E-01	3.87E-02	3.77E+00	2.85E-01
1418	Gridded	6.26E-03	4.95E-04	6.23E-03	4.93E-04	6.66E-03	5.27E-04	6.66E-03	5.27E-04	3.80E-04	3.04E-05	6.24E-03	4.93E-04	7.97E-03	6.32E-04	7.97E-03	6.32E-04	6.26E-03	4.95E-04	6.66E-03	5.27E-04	6.31E-03	4.99E-04	6.25E-03	4.94E-04	6.28E-03	4.97E-04	6.26E-03	4.95E-04	4.00E-01	3.71E-02	3.63E+00	2.81E-01
1419	Gridded	5.97E-03	4.03E-04	5.95E-03	4.02E-04	6.36E-03	4.30E-04	6.36E-03	4.30E-04	3.68E-04	2.51E-05	5.95E-03	4.02E-04	7.63E-03	5.17E-04	7.63E-03	5.17E-04	5.97E-03	4.03E-04	6.36E-03	4.30E-04	6.02E-03	4.07E-04	5.96E-03	4.03E-04	6.00E-03	4.05E-04	5.98E-03	4.04E-04	3.50E-01	3.00E-02	3.47E+00	2.29E-01
1420	Gridded	5.67E-03	3.22E-04	5.64E-03	3.20E-04	6.05E-03	3.43E-04	6.05E-03	3.43E-04	3.54E-04	2.03E-05	5.65E-03	3.21E-04	7.27E-03	4.13E-04	7.27E-03	4.13E-04	5.67E-03	3.22E-04	6.05E-03	3.43E-04	5.72E-03	3.24E-04	5.66E-03	3.21E-04	5.69E-03	3.23E-04	5.67E-03	3.22E-04	3.13E-01	2.35E-02	3.28E+00	1.83E-01
1421	Gridded	5.45E-03	3.57E-04	5.43E-03	3.55E-04	5.74E-03	3.80E-04	5.74E-03	3.80E-04	3.39E-04	2.19E-05	5.44E-03	3.55E-04	6.88E-03	4.55E-04	6.88E-03	4.55E-04	5.45E-03	3.57E-04	5.74E-03	3.80E-04	5.49E-03	3.59E-04	5.45E-03	3.56E-04	5.47E-03	3.58E-04	5.46E-03	3.57E-04	3.56E-01	2.46E-02	3.27E+00	2.03E-01
1422	Gridded	5.37E-03	3.66E-04	5.35E-03	3.64E-04	5.65E-03	3.89E-04	5.65E-03	3.89E-04	3.21E-04	2.23E-05	5.36E-03	3.64E-04	6.56E-03	4.66E-04	6.56E-03	4.66E-04	5.37E-03	3.66E-04	5.65E-03	3.89E-04	5.41E-03	3.68E-04	5.37E-03	3.65E-04	5.39E-03	3.67E-04	5.38E-03	3.66E-04	3.93E-01	2.48E-02	3.27E+00	2.08E-01
1423	Gridded	5.18E-03	3.88E-04	5.16E-03	3.86E-04	5.44E-03	4.13E-04	5.44E-03	4.13E-04	2.99E-04	2.36E-05	5.16E-03	3.86E-04	6.29E-03	4.94E-04	6.29E-03	4.94E-04	5.18E-03	3.88E-04	5.44E-03	4.13E-04	5.21E-03	3.91E-04	5.17E-03	3.87E-04	5.19E-03	3.89E-04	5.18E-03	3.88E-04	4.53E-01	2.77E-02	3.19E+00	2.21E-01
1424	Gridded	4.88E-03	5.78E-04	4.87E-03	5.76E-04	5.11E-03	6.14E-04	5.11E-03	6.14E-04	2.73E-04	3.33E-05	4.87E-03	5.77E-04	5.86E-03	7.29E-04	5.86E-03	7.29E-04	4.88E-03	5.79E-04	5.11E-03	6.14E-04	4.91E-03	5.83E-04	4.88E-03	5.78E-04	4.89E-03	5.81E-04	4.88E-03	5.79E-04	5.13E-01	3.10E-02	3.06E+00	3.28E-01
1425	Gridded	5.76E-03	1.18E-03	5.75E-03	1.17E-03	6.18E-03	1.24E-03	6.18E-03	1.24E-03	5.13E-04	6.08E-05	5.76E-03	1.18E-03	7.58E-03	1.45E-03	7.58E-03	1.45E-03	5.76E-03	1.18E-03	6.18E-03	1.24E-03	5.80E-03	1.19E-03	5.76E-03	1.18E-03	5.77E-03	1.18E-03	5.77E-03	1.18E-03	5.18E-01	4.73E-02	3.29E+00	6.62E-01
1426	Gridded	6.77E-03	1.37E-03	6.76E-03	1.37E-03	7.18E-03	1.44E-03	7.18E-03	1.44E-03	6.08E-04	6.83E-05	6.76E-03	1.37E-03	8.73E-03	1.68E-03	8.73E-03	1.68E-03	6.77E-03	1.37E-03	7.18E-03	1.44E-03	6.79E-03	1.38E-03	6.77E-03	1.37E-03	6.78E-03	1.38E-03	6.77E-03	1.37E-03	4.19E-01	4.79E-02	3.86E+00	7.68E-01
1427	Gridded	3.97E-03	6.70E-04	3.97E-03	6.68E-04	4.09E-03	7.10E-04	4.09E-03	7.10E-04	3.74E-04	3.69E-05	3.97E-03	6.68E-04	4.49E-03	8.37E-04	4.49E-03	8.37E-04	3.97E-03	6.71E-04	4.09E-03	7.10E-04	3.99E-03	6.75E-04	3.97E-03	6.70E-04	3.98E-03	6.73E-04	3.98E-03	6.71E-04	2.76E-01	2.76E-02	2.58E+00	3.76E-01
1428	Gridded	3.78E-03	5.93E-04	3.77E-03	5.91E-04	3.86E-03	6.29E-04	3.86E-03	6.29E-04	3.53E-04	3.40E-05	3.77E-03	5.91E-04	4.15E-03	7.46E-04	4.15E-03	7.46E-04	3.78E-03	5.93E-04	3.86E-03	6.29E-04	3.79E-03	5.97E-04	3.77E-03	5.92E-04	3.78E-03	5.95E-04	3.78E-03	5.93E-04	2.28E-01	2.37E-02	2.45E+00	3.33E-01
1429	Gridded	6.32E-03	6.83E-04	6.31E-03	6.81E-04	6.54E-03	7.15E-04	6.54E-03	7.15E-04	3.51E-04	4.07E-05	6.31E-03	6.82E-04	7.22E-03	8.16E-04	7.22E-03	8.16E-04	6.33E-03	6.84E-04	6.54E-03	7.15E-04	6.35E-03	6.87E-04	6.32E-03	6.83E-04	6.34E-03	6.85E-04	6.33E-03	6.84E-04	4.02E-01	6.23E-02	3.39E+00	3.80E-01
1430	Gridded	5.06E-03	5.59E-04	5.04E-03	5.58E-04	5.24E-03	5.82E-04	5.24E-03	5.82E-04	3.11E-04	3.53E-05	5.05E-03	5.58E-04	5.83E-03	6.85E-04	5.83E-03	6.85E-04	5.06E-03	5.59E-04	5.24E-03	5.82E-04	5.08E-03	5.62E-04	5.05E-03	5.59E-04	5.07E-03	5.60E-04	5.06E-03	5.59E-04	4.13E-01	5.93E-02	2.72E+00	3.32E-01
1431	Gridded	3.56E-03	5.09E-04	3.55E-03	5.07E-04	3.71E-03	5.41E-04	3.71E-03	5.41E-04	2.50E-04	3.20E-05	3.56E-03	5.07E-04	4.27E-03	6.44E-04	4.27E-03	6.44E-04	3.56E-03	5.09E-04	3.71E-03	5.41E-04	3.58E-03	5.13E-04	3.56E-03	5.08E-04	3.57E-03	5.11E-04	3.57E-03	5.09E-04	4.02E-01	5.24E-02	1.93E+00	2.96E-01
1432	Gridded	3.35E-03	5.88E-04	3.34E-03	5.85E-04	3.49E-03	6.26E-04	3.49E-03	6.26E-04	2.60E-04	3.59E-05	3.35E-03	5.85E-04	4.32E-03	7.49E-04	4.32E-03	7.49E-04	3.35E-03	5.88E-04	3.49E-03	6.26E-04	3.37E-03	5.92E-04	3.35E-03	5.87E-04	3.36E-03	5.90E-04	3.36E-03	5.88E-04	4.02E-01	5.23E-02	1.96E+00	3.35E-01
1433	Gridded	5.74E-03	6.13E-04	5.74E-03	6.10E-04	5.74E-03	6.55E-04	5.74E-03	6.55E-04	2.40E-04	3.91E-05	5.74E-03	6.11E-04	5.74E-03	7.89E-04	5.74E-03	7.89E-04	5.74E-03	6.13E-04	5.74E-03	6.55E-04	5.74E-03	6.18E-04	5.74E-03	6.12E-04	5.74E-03	6.16E-04	5.74E-03	6.14E-04	3.64E-01	4.93E-02	3.07E+00	3.44E-01
1434	Gridded	9.94E-03	7.86E-04	9.94E-03	7.83E-04	9.94E-03	8.41E-04	9.94E-03	8.41E-04	2.77E-04	5.14E-05	9.94E-03	7.83E-04	9.94E-03	1.02E-03	9.94E-03	1.02E-03	9.94E-03	7.87E-04	9.94E-03	8.41E-04	9.94E-03	7.93E-04	9.94E-03	7.85E-04	9.94E-03	7.90E-04	9.94E-03	7.87E-04	3.85E-01	5.28E-02	5.32E+00	4.35E-01
1435	Gridded	7.25E-03	7.69E-04	7.25E-03	7.65E-04	7.25E-03	8.24E-04	7.25E-03	8.24E-04	2.84E-04	5.23E-05	7.25E-03	7.66E-04	7.25E-03	1.01E-03	7.25E-03	1.01E-03	7.25E-03	7.69E-04	7.25E-03	8.24E-04	7.25E-03	7.76E-04	7.25E-03	7.68E-04	7.25E-03	7.72E-04	7.25E-03	7.69E-04	3.81E-01	4.87E-02	3.94E+00	4.22E-01
1436	Gridded	3.42E-03	5.99E-04	3.41E-03	5.96E-04	3.64E-03	6.44E-04	3.64E-03	6.44E-04	2.30E-04	4.26E-05	3.41E-03	5.96E-04	4.35E-03	7.91E-04	4.35E-03	7.91E-04	3.42E-03	5.99E-04	3.64E-03	6.44E-04	3.45E-03	6.04E-04	3.42E-03	5.98E-04	3.43E-03	6.01E-04	3.42E-03	5.99E-04	3.25E-01	4.56E-02	2.01E+00	3.41E-01
1437	Gridded	3.64E-03	5.03E-04	3.62E-03	5.01E-04	3.88E-03	5.33E-04	3.88E-03	5.33E-04	2.27E-04	3.08E-05	3.62E-03	5.02E-04	4.66E-03	6.29E-04	4.66E-03	6.29E-04	3.64E-03	5.03E-04	3.88E-03	5.33E-04	3.67E-03	5.07E-04	3.63E-03	5.03E-04	3.65E-03	5.05E-04	3.64E-03	5.04E-04	2.69E-01	3.90E-02	2.14E+00	2.95E-01
1438	Gridded	3.84E-03	5.27E-04	3.82E-03	5.25E-04	4.10E-03	5.59E-04	4.10E-03	5.59E-04	2.48E-04	3.04E-05	3.82E-03	5.25E-04	4.96E-03	6.64E-04	4.96E-03	6.64E-04	3.84E-03	5.27E-04	4.10E-03	5.59E-04	3.87E-03	5.31E-04	3.83E-03	5.26E-04	3.85E-03	5.29E-04	3.84E-03	5.27E-04	2.86E-01	4.12E-02	2.26E+00	3.08E-01
1439	Gridded	3.74E-03	4.93E-04	3.72E-03	4.91E-04	4.01E-03	5.24E-04	4.01E-03	5.24E-04	2.52E-04	2.96E-05	3.73E-03	4.91E-04	4.88E-03	6.26E-04	4.88E-03	6.26E-04	3.74E-03	4.93E-04	4.01E-03	5.24E-04	3.77E-03	4.97E-04	3.73E-03	4.92E-04	3.76E-03	4.95E-04	3.74E-03	4.93E-04	2.79E-01	3.81E-02	2.21E+00	2.87E-01
1440	Gridded	3.41E-03	4.58E-04	3.39E-03	4.56E-04	3.66E-03	4.87E-04	3.66E-03	4.87E-04	2.41E-04	2.99E-05	3.39E-03	4.56E-04	4.49E-03	5.83E-04	4.49E-03	5.83E-04	3.41E-03	4.58E-04	3.66E-03	4.87E-04	3.44E-03	4.61E-04	3.40E-03	4.57E-04	3.42E-03	4.59E-04	3.41E-03	4.58E-04	2.50E-01	3.59E-02	2.02E+00	2.65E-01
1441	Gridded	3.11E-03	5.13E-04	3.09E-03	5.10E-04	3.33E-03	5.52E-04	3.33E-03	5.52E-04	2.18E-04	3.64E-05	3.10E-03	5.11E-04	4.03E-03	6.77E-04	4.03E-03	6.77E-04	3.11E-03	5.13E-04	3.33E-03	5.52E-04	3.14E-03	5.18E-04	3.10E-03	5.12E-04	3.12E-03	5.15E-04	3.11E-03	5.13E-04	2.61E-01	3.91E-02	1.88E+00	3.15E-01
1442	Gridded	3.60E-03	6.19E-04	3.59E-03	6.15E-04	3.85E-03	6.66E-04	3.85E-03	6.66E-04	2.72E-04	4.44E-05	3.59E-03	6.16E-04	4.65E-03	8.19E-04	4.65E-03	8.19E-04	3.60E-03	6.19E-04	3.85E-03	6.66E-04	3.63E-03	6.24E-04	3.60E-03	6.18E-04	3.62E-03	6.21E-04	3.61E-03	6.19E-04	3.06E-01	4.33E-02	2.16E+00	3.78E-01
1443	Gridded	4.12E-03	7.40E-04	4.10E-03	7.36E-04	4.41E-03	7.96E-04	4.41E-03	7.96E-04	3.36E-04	5.30E-05	4.10E-03	7.37E-04	5.45E-03	9.79E-04	5.45E-03	9.79E-04	4.12E-03	7.40E-04	4.41E-03	7.96E-04	4.15E-03	7.47E-04	4.11E-03	7.39E-04	4.13E-03	7.43E-04	4.12E-03	7.41E-04	3.54E-01	5.45E-02	2.49E+00	4.49E-01
1444	Gridded	4.41E-03	8.37E-04	4.39E-03	8.33E-04	4.76E-03	9.00E-04	4.76E-03	9.00E-04	3.63E-04	5.91E-05	4.39E-03	8.33E-04	6.01E-03	1.10E-03	6.01E-03	1.10E-03	4.41E-03	8.37E-04	4.76E-03	9.00E-04	4.45E-03	8.45E-04	4.40E-03	8.35E-04	4.43E-03	8.41E-04	4.41E-03	8.38E-04	3.51E-01	6.08E-02	2.71E+00	5.03E-01
1445	Gridded	4.45E-03	9.11E-04	4.43E-03	9.06E-04	4.79E-03	9.77E-04	4.79E-03	9.77E-04	3.54E-04	6.19E-05	4.43E-03	9.07E-04	5.88E-03	1.19E-03	5.88E-03	1.19E-03	4.45E-03	9.11E-04	4.79E-03	9.77E-04	4.49E-03	9.19E-04	4.44E-03	9.09E-04	4.47E-03	9.15E-04	4.45E-03	9.12E-04	3.03E-01	5.67E-02	2.65E+00	5.39E-01
1446	Gridded	5.04E-03	9.08E-04	5.02E-03	9.04E-04	5.38E-03	9.70E-04	5.38E-03	9.70E-04	3.85E-04	6.56E-05	5.02E-03	9.05E-04	6.60E-03	1.17E-03	6.60E-03	1.17E-03	5.04E-03	9.08E-04	5.38E-03	9.70E-04	5.08E-03	9.16E-04	5.03E-03	9.07E-04	5.06E-03	9.12E-04	5.04E-03	9.09E-04	3.20E-01	6.42E-02	2.93E+00	5.29E-01
1447	Gridded	5.68E-03	9.93E-04	5.66E-03	9.87E-04	6.05E-03	1.07E-03	6.05E-03	1.07E-03	4.87E-04	7.51E-05	5.66E-03	9.88E-04	7.23E-03	1.33E-03	7.23E-03	1.33E-03	5.68E-03	9.93E-04	6.05E-03	1.07E-03	5.73E-03	1.00E-03	5.68E-03	9.91E-04	5.70E-03	9.97E-04	5.69E-03	9.94E-04	3.41E-01	9.40E-02	3.27E+00	6.07E-01
1448	Gridded	6.07E-03	1.12E-03	6.03E-03	1.11E-03	6.69E-03	1.22E-03	6.69E-03	1.22E-03	5.85E-04	9.59E-05	6.04E-03	1.12E-03	8.71E-03	1.55E-03	8.71E-03	1.55E-03	6.07E-03	1.12E-03	6.69E-03	1.22E-03	6.15E-03	1.13E-03	6.06E-03	1.12E-03	6.11E-03	1.13E-03	6.08E-03	1.12E-03	4.33E-01	1.18E-01	3.63E+00	7.86E-01
1449	Gridded	5.81E-03	1.70E-03	5.78E-03	1.69E-03	6.23E-03	1.83E-03	6.23E-03	1.83E-03	6.18E-04	1.28E-04	5.78E-03	1.69E-03	7.61E-03	2.27E-03	7.61E-03	2.27E-03	5.81E-03	1.70E-03	6.23E-03	1.83E-03	5.86E-03	1.71E-03	5.80E-03	1.69E-03	5.83E-03	1.70E-03	5.81E-03	1.70E-03	5.10E-01	1.51E-01	3.41E+00	1.10E+00
1450	Gridded	1.05E-02	1.96E-03	1.05E-02	1.95E-03	1.10E-02	2.08E-03	1.10E-02	2.08E-03	6.94E-04	1.20E-04	1.05E-02	1.95E-03	1.26E-02	2.50E-03	1.26E-02	2.50E-03	1.05E-02	1.96E-03	1.10E-02	2.08E-03	1.05E-02	1.97E-03	1.05E-02	1.95E-03	1.05E-02	1.96E-03	1.05E-02	1.96E-03	5.50E-01	1.45E-01	5.84E+00	1.19E+00
1451	Gridded	6.83E-03	1.52E-03	6.79E-03	1.51E-03	7.38E-03	1.62E-03	7.38E-03	1.62E-03	6.64E-04	9.66E-05	6.80E-03	1.51E-03	9.19E-03	1.94E-03	9.19E-03	1.94E-03	6.83E-03	1.52E-03	7.38E-03	1.62E-03	6.90E-03	1.53E-03	6.81E-03	1.51E-03	6.86E-03	1.52E-03	6.83E-03	1.52E-03	6.61E-01	1.33E-01	4.07E+00	9.47E-01
1452	Gridded	7.80E-03	1.71E-03	7.76E-03	1.70E-03	8.36E-03	1.83E-03	8.36E-03	1.83E-03	9.08E-04	1.76E-04	7.77E-03	1.70E-03	1.06E-02	2.38E-03	1.06E-02	2.38E-03	7.80E-03	1.71E-03	8.36E-03	1.83E-03	7.87E-03	1.73E-03	7.78E-03	1.71E-03	7.83E-03	1.72E-03	7.80E-03	1.71E-03	7.77E-01	2.45E-01	4.51E+00	1.03E+00
1453	Gridded	7.31E-03	1.52E-03	7.29E-03	1.52E-03	7.62E-03	1.58E-03	7.62E-03	1.58E-03	7.97E-04	1.31E-04	7.30E-03	1.52E-03	8.94E-03	1.76E-03	8.94E-03	1.76E-03	7.32E-03	1.52E-03	7.62E-03	1.58E-03	7.35E-03	1.53E-03	7.31E-03	1.52E-03	7.33E-03	1.52E-03	7.32E-03	1.52E-03	7.79E-01	1.55E-01	4.14E+00	9.35E-01
1454	Gridded	8.13E-03	1.26E-03	8.10E-03	1.25E-03	8.59E-03	1.33E-03	8.59E-03	1.33E-03	6.90E-04	9.09E-05	8.11E-03	1.25E-03	1.01E-02	1.55E-03	1.01E-02	1.55E-03	8.13E-03	1.26E-03	8.59E-03	1.33E-03	8.19E-03	1.27E-03	8.12E-03	1.26E-03	8.16E-03	1.26E-03	8.14E-03	1.26E-03	7.22E-01	1.99E-01	4.86E+00	8.27E-01
1455	Gridded	6.64E-03	7.85E-04	6.61E-03	7.80E-04	7.19E-03	8.62E-04	7.19E-03	8.62E-04	6.67E-04	7.27E-05	6.61E-03	7.80E-04	8.95E-03	1.11E-03	8.95E-03	1.11E-03	6.64E-03	7.85E-04	7.19E-03	8.62E-04	6.71E-03	7.94E-04	6.63E-03	7.83E-04	6.68E-03	7.89E-04	6.65E-03	7.86E-04	8.17E-01	1.63E-01	3.93E+00	5.86E-01
1456	Gridded	1.10E-02	8.67E-04	1.09E-02	8.63E-04	1.17E-02	9.29E-04	1.17E-02	9.29E-04	6.76E-04	8.50E-05	1.09E-02	8.64E-04	1.40E-02	1.21E-03	1.40E-02	1.21E-03	1.10E-02	8.67E-04	1.17E-02	9.29E-04	1.11E-02	8.75E-04	1.10E-02	8.66E-04	1.10E-02	8.71E-04	1.10E-02	8.68E-04	1.05E+00	1.41E-01	6.43E+00	5.85E-01
1457	Gridded	7.59E-03	1.10E-03	7.56E-03	1.10E-03	8.07E-03	1.18E-03	8.07E-03	1.18E-03	4.48E-04	7.38E-05	7.57E-03	1.10E-03	9.61E-03	1.44E-03	9.61E-03	1.44E-03	7.59E-03	1.10E-03	8.07E-03	1.18E-03	7.65E-03	1.11E-03	7.58E-03	1.10E-03	7.62E-03	1.11E-03	7.60E-03	1.10E-03	1.03E+00	1.13E-01	4.41E+00	6.39E-01
1458	Gridded	9.83E-03	1.19E-03	9.79E-03	1.18E-03	1.04E-02	1.30E-03	1.04E-02	1.30E-03	5.78E-04	1.04E-04	9.80E-03	1.18E-03	1.24E-02	1.66E-03	1.24E-02	1.66E-03	9.83E-03	1.19E-03	1.04E-02	1.30E-03	9.91E-03	1.20E-03	9.82E-03	1.19E-03	9.87E-03	1.20E-03	9.84E-03	1.19E-03	8.24E-01	1.66E-01	5.68E+00	7.35E-01
1459	Gridded	1.26E-02	1.13E-03	1.25E-02	1.13E-03	1.32E-02	1.19E-03	1.32E-02	1.19E-03	6.57E-04	7.21E-05	1.25E-02	1.13E-03	1.55E-02	1.40E-03	1.55E-02	1.40E-03	1.26E-02	1.13E-03	1.32E-02	1.19E-03	1.26E-02	1.14E-03	1.25E-02	1.13E-03	1.26E-02	1.14E-03	1.26E-02	1.13E-03	4.78E-01	1.21E-01	7.16E+00	6.67E-01
1460	Gridded	1.21E-02	1.17E-03	1.21E-02	1.17E-03	1.28E-02	1.24E-03	1.28E-02	1.24E-03	6.93E-04	6.43E-05	1.21E-02	1.17E-03	1.49E-02	1.46E-03	1.49E-02	1.46E-03	1.21E-02	1.17E-03	1.28E-02	1.24E-03	1.22E-02	1.18E-03	1.21E-02	1.17E-03	1.22E-02	1.18E-03	1.22E-02	1.18E-03	6.39E-01	9.03E-02	6.95E+00	6.81E-01
1461	Gridded	1.10E-02	1.31E-03	1.09E-02	1.30E-03	1.15E-02	1.38E-03	1.15E-02	1.38E-03	5.33E-04	6.84E-05	1.09E-02	1.31E-03	1.34E-02	1.62E-03	1.34E-02	1.62E-03	1.10E-02	1.31E-03	1.15E-02	1.38E-03	1.10E-02	1.32E-03	1.09E-02	1.31E-03	1.10E-02	1.31E-03	1.10E-02	1.31E-03	6.03E-01	6.92E-02	6.31E+00	7.58E-01
1462	Gridded	8.95E-03	1.19E-03	8.92E-03	1.18E-03	9.44E-03	1.25E-03	9.44E-03	1.25E-03	4.64E-04	6.02E-05	8.93E-03	1.18E-03	1.10E-02	1.46E-03	1.10E-02	1.46E-03	8.96E-03	1.19E-03	9.44E-03	1.25E-03	9.01E-03	1.20E-03	8.94E-03	1.19E-03	8.98E-03	1.19E-03	8.96E-03	1.19E-03	5.56E-01	5.40E-02	5.21E+00	7.04E-01
1463	Gridded	8.04E-03	9.52E-04	8.01E-03	9.49E-04	8.49E-03	1.00E-03	8.49E-03	1.00E-03	4.20E-04	4.75E-05	8.02E-03	9.49E-04	9.94E-03	1.17E-03	9.94E-03	1.17E-03	8.05E-03	9.52E-04	8.49E-03	1.00E-03	8.10E-03	9.59E-04	8.03E-03	9.51E-04	8.07E-03	9.55E-04	8.05E-03	9.53E-04	5.11E-01	6.14E-02	4.75E+00	5.94E-01
1464	Gridded	7.58E-03	6.49E-04	7.55E-03	6.47E-04	8.01E-03	6.83E-04	8.01E-03	6.83E-04	4.01E-04	3.20E-05	7.56E-03	6.47E-04	9.39E-03	7.94E-04	9.39E-03	7.94E-04	7.58E-03	6.49E-04	8.01E-03	6.83E-04	7.63E-03	6.53E-04	7.57E-03	6.48E-04	7.61E-03	6.51E-04	7.59E-03	6.49E-04	4.22E-01	5.80E-02	4.49E+00	4.33E-01
1465	Gridded	7.16E-03	5.10E-04	7.13E-03	5.08E-04	7.57E-03	5.40E-04	7.57E-03	5.40E-04	3.84E-04	3.10E-05	7.14E-03	5.08E-04	8.89E-03	6.38E-04	8.89E-03	6.38E-04	7.16E-03	5.10E-04	7.57E-03	5.40E-04	7.21E-03	5.14E-04	7.15E-03	5.09E-04	7.18E-03	5.12E-04	7.16E-03	5.10E-04	3.35E-01	5.06E-02	4.25E+00	3.16E-01
1466	Gridded	7.08E-03	5.07E-04	7.06E-03	5.05E-04	7.48E-03	5.36E-04	7.48E-03	5.36E-04	3.78E-04	3.26E-05	7.06E-03	5.05E-04	8.79E-03	6.33E-04	8.79E-03	6.33E-04	7.08E-03	5.07E-04	7.48E-03	5.36E-04	7.13E-03	5.10E-04	7.07E-03	5.06E-04	7.11E-03	5.08E-04	7.09E-03	5.07E-04	2.66E-01	4.33E-02	4.09E+00	3.04E-01
1467	Gridded	7.42E-03	4.81E-04	7.39E-03	4.79E-04	7.83E-03	5.09E-04	7.83E-03	5.09E-04	3.92E-04	3.37E-05	7.39E-03	4.80E-04	9.18E-03	6.00E-04	9.18E-03	6.00E-04	7.42E-03	4.81E-04	7.83E-03	5.09E-04	7.47E-03	4.85E-04	7.41E-03	4.81E-04	7.44E-03	4.83E-04	7.42E-03	4.82E-04	2.46E-01	3.97E-02	4.27E+00	2.93E-01
1468	Gridded	7.52E-03	4.43E-04	7.49E-03	4.41E-04	7.93E-03	4.69E-04	7.93E-03	4.69E-04	3.92E-04	3.41E-05	7.49E-03	4.42E-04	9.28E-03	5.65E-04	9.28E-03	5.65E-04	7.52E-03	4.43E-04	7.93E-03	4.69E-04	7.57E-03	4.46E-04	7.51E-03	4.43E-04	7.54E-03	4.45E-04	7.52E-03	4.43E-04	2.50E-01	4.45E-02	4.32E+00	2.75E-01
1469	Gridded	7.46E-03	4.01E-04	7.44E-03	3.99E-04	7.87E-03	4.24E-04	7.87E-03	4.24E-04	3.86E-04	3.28E-05	7.44E-03	3.99E-04	9.21E-03	5.19E-04	9.21E-03	5.19E-04	7.47E-03	4.01E-04	7.87E-03	4.24E-04	7.52E-03	4.04E-04	7.46E-03	4.00E-04	7.49E-03	4.02E-04	7.47E-03	4.01E-04	2.61E-01	4.87E-02	4.29E+00	2.53E-01
1470	Gridded	7.18E-03	3.56E-04	7.15E-03	3.55E-04	7.57E-03	3.74E-04	7.57E-03	3.74E-04	3.69E-04	2.30E-05	7.15E-03	3.55E-04	8.84E-03	4.31E-04	8.84E-03	4.31E-04	7.18E-03	3.56E-04	7.57E-03	3.74E-04	7.22E-03	3.58E-04	7.17E-03	3.56E-04	7.20E-03	3.57E-04	7.18E-03	3.56E-04	2.29E-01	3.61E-02	4.13E+00	2.09E-01
1471	Gridded	7.08E-03	3.52E-04	7.05E-03	3.50E-04	7.46E-03	3.69E-04	7.46E-03	3.69E-04	3.61E-04	1.86E-05	7.06E-03	3.51E-04	8.71E-03	4.26E-04	8.71E-03	4.26E-04	7.08E-03	3.52E-04	7.46E-03	3.69E-04	7.12E-03	3.54E-04	7.07E-03	3.51E-04	7.10E-03	3.53E-04	7.08E-03	3.52E-04	2.13E-01	2.84E-02	4.09E+00	2.06E-01
1472	Gridded	7.15E-03	3.60E-04	7.12E-03	3.59E-04	7.53E-03	3.78E-04	7.53E-03	3.78E-04	3.62E-04	1.83E-05	7.13E-03	3.59E-04	8.78E-03	4.35E-04	8.78E-03	4.35E-04	7.15E-03	3.60E-04	7.53E-03	3.78E-04	7.20E-03	3.62E-04	7.14E-03	3.60E-04	7.17E-03	3.61E-04	7.15E-03	3.60E-04	2.09E-01	2.79E-02	4.16E+00	2.12E-01
1473	Gridded	7.13E-03	3.61E-04	7.10E-03	3.60E-04	7.50E-03	3.78E-04	7.50E-03	3.78E-04	3.49E-04	1.75E-05	7.11E-03	3.60E-04	8.70E-03	4.35E-04	8.70E-03	4.35E-04	7.13E-03	3.61E-04	7.50E-03	3.78E-04	7.17E-03	3.63E-04	7.12E-03	3.60E-04	7.15E-03	3.62E-04	7.13E-03	3.61E-04	2.19E-01	2.51E-02	4.19E+00	2.14E-01
1474	Gridded	7.05E-03	3.58E-04	7.03E-03	3.57E-04	7.39E-03	3.75E-04	7.39E-03	3.75E-04	3.20E-04	1.71E-05	7.04E-03	3.58E-04	8.50E-03	4.27E-04	8.50E-03	4.27E-04	7.06E-03	3.58E-04	7.39E-03	3.75E-04	7.10E-03	3.60E-04	7.05E-03	3.58E-04	7.07E-03	3.59E-04	7.06E-03	3.59E-04	2.25E-01	2.33E-02	4.19E+00	2.14E-01
1475	Gridded	6.96E-03	3.59E-04	6.94E-03	3.58E-04	7.25E-03	3.74E-04	7.25E-03	3.74E-04	2.89E-04	2.41E-05	6.94E-03	3.58E-04	8.22E-03	4.42E-04	8.22E-03	4.42E-04	6.96E-03	3.59E-04	7.25E-03	3.74E-04	7.00E-03	3.61E-04	6.95E-03	3.59E-04	6.98E-03	3.60E-04	6.96E-03	3.59E-04	2.51E-01	3.19E-02	4.19E+00	2.19E-01
1476	Gridded	6.76E-03	6.47E-04	6.74E-03	6.44E-04	7.00E-03	6.82E-04	7.00E-03	6.82E-04	4.33E-04	3.36E-05	6.75E-03	6.45E-04	7.80E-03	7.98E-04	7.80E-03	7.98E-04	6.76E-03	6.47E-04	7.00E-03	6.82E-04	6.79E-03	6.51E-04	6.75E-03	6.46E-04	6.77E-03	6.49E-04	6.76E-03	6.47E-04	3.00E-01	4.67E-02	4.13E+00	3.77E-01
1477	Gridded	6.42E-03	6.58E-04	6.41E-03	6.56E-04	6.62E-03	6.94E-04	6.62E-03	6.94E-04	4.01E-04	3.36E-05	6.41E-03	6.56E-04	7.82E-03	8.10E-04	7.82E-03	8.10E-04	6.42E-03	6.58E-04	6.62E-03	6.94E-04	6.45E-03	6.63E-04	6.42E-03	6.57E-04	6.44E-03	6.60E-04	6.43E-03	6.59E-04	2.68E-01	4.68E-02	3.96E+00	3.83E-01
1478	Gridded	6.09E-03	4.10E-04	6.08E-03	4.08E-04	6.23E-03	4.34E-04	6.23E-03	4.34E-04	2.66E-04	2.24E-05	6.08E-03	4.09E-04	6.70E-03	5.11E-04	6.70E-03	5.11E-04	6.09E-03	4.10E-04	6.23E-03	4.34E-04	6.10E-03	4.13E-04	6.08E-03	4.09E-04	6.10E-03	4.11E-04	6.09E-03	4.10E-04	1.99E-01	3.29E-02	3.76E+00	2.39E-01
1479	Gridded	5.85E-03	3.39E-04	5.84E-03	3.38E-04	5.95E-03	3.60E-04	5.95E-03	3.60E-04	2.36E-04	1.96E-05	5.84E-03	3.38E-04	6.28E-03	4.28E-04	6.28E-03	4.28E-04	5.85E-03	3.39E-04	5.95E-03	3.60E-04	5.86E-03	3.42E-04	5.84E-03	3.39E-04	5.85E-03	3.40E-04	5.85E-03	3.39E-04	1.85E-01	2.86E-02	3.60E+00	1.98E-01
1480	Gridded	3.86E-03	8.51E-04	3.84E-03	8.47E-04	4.17E-03	9.09E-04	4.17E-03	9.09E-04	2.94E-04	5.43E-05	3.84E-03	8.48E-04	5.18E-03	1.10E-03	5.18E-03	1.10E-03	3.86E-03	8.51E-04	4.17E-03	9.09E-04	3.90E-03	8.58E-04	3.85E-03	8.50E-04	3.88E-03	8.54E-04	3.86E-03	8.52E-04	3.01E-01	3.95E-02	2.19E+00	4.63E-01
1481	Gridded	4.21E-03	9.56E-04	4.19E-03	9.52E-04	4.51E-03	1.02E-03	4.51E-03	1.02E-03	3.29E-04	6.27E-05	4.19E-03	9.53E-04	5.48E-03	1.24E-03	5.48E-03	1.24E-03	4.21E-03	9.57E-04	4.51E-03	1.02E-03	4.24E-03	9.65E-04	4.20E-03	9.55E-04	4.23E-03	9.60E-04	4.21E-03	9.57E-04	3.24E-01	4.43E-02	2.34E+00	5.18E-01
1482	Gridded	2.91E-03	6.30E-04	2.90E-03	6.27E-04	3.10E-03	6.77E-04	3.10E-03	6.77E-04	2.31E-04	4.43E-05	2.90E-03	6.28E-04	3.71E-03	8.30E-04	3.71E-03	8.30E-04	2.91E-03	6.30E-04	3.10E-03	6.77E-04	2.93E-03	6.36E-04	2.90E-03	6.29E-04	2.92E-03	6.33E-04	2.91E-03	6.31E-04	2.75E-01	4.03E-02	1.58E+00	3.42E-01
1483	Gridded	2.44E-03	4.98E-04	2.43E-03	4.96E-04	2.63E-03	5.27E-04	2.63E-03	5.27E-04	1.80E-04	3.51E-05	2.43E-03	4.96E-04	3.25E-03	6.35E-04	3.25E-03	6.35E-04	2.44E-03	4.98E-04	2.63E-03	5.27E-04	2.47E-03	5.02E-04	2.44E-03	4.97E-04	2.45E-03	5.00E-04	2.44E-03	4.98E-04	2.71E-01	3.86E-02	1.40E+00	2.87E-01
1484	Gridded	3.68E-03	4.84E-04	3.68E-03	4.82E-04	3.69E-03	5.14E-04	3.69E-03	5.14E-04	1.93E-04	2.99E-05	3.68E-03	4.83E-04	4.00E-03	6.09E-04	4.00E-03	6.09E-04	3.68E-03	4.84E-04	3.69E-03	5.14E-04	3.68E-03	4.88E-04	3.68E-03	4.84E-04	3.68E-03	4.86E-04	3.68E-03	4.85E-04	2.86E-01	3.98E-02	1.97E+00	2.78E-01
1485	Gridded	4.82E-03	6.08E-04	4.82E-03	6.06E-04	4.82E-03	6.47E-04	4.82E-03	6.47E-04	2.72E-04	3.63E-05	4.82E-03	6.06E-04	4.82E-03	7.72E-04	4.82E-03	7.72E-04	4.82E-03	6.08E-04	4.82E-03	6.47E-04	4.82E-03	6.13E-04	4.82E-03	6.07E-04	4.82E-03	6.10E-04	4.82E-03	6.09E-04	3.60E-01	4.98E-02	2.59E+00	3.47E-01
1486	Gridded	3.64E-03	5.86E-04	3.62E-03	5.84E-04	3.90E-03	6.25E-04	3.90E-03	6.25E-04	2.73E-04	3.68E-05	3.63E-03	5.84E-04	4.74E-03	7.52E-04	4.74E-03	7.52E-04	3.64E-03	5.86E-04	3.90E-03	6.25E-04	3.67E-03	5.91E-04	3.63E-03	5.85E-04	3.66E-03	5.88E-04	3.64E-03	5.87E-04	3.59E-01	5.27E-02	2.02E+00	3.35E-01
1487	Gridded	2.83E-03	4.34E-04	2.82E-03	4.32E-04	3.03E-03	4.64E-04	3.03E-03	4.64E-04	2.15E-04	2.82E-05	2.82E-03	4.32E-04	3.69E-03	5.61E-04	3.69E-03	5.61E-04	2.83E-03	4.34E-04	3.03E-03	4.64E-04	2.86E-03	4.37E-04	2.83E-03	4.33E-04	2.84E-03	4.36E-04	2.83E-03	4.34E-04	3.23E-01	4.71E-02	1.66E+00	2.51E-01
1488	Gridded	2.75E-03	4.34E-04	2.74E-03	4.32E-04	2.93E-03	4.65E-04	2.93E-03	4.65E-04	2.03E-04	2.93E-05	2.74E-03	4.32E-04	3.61E-03	5.66E-04	3.61E-03	5.66E-04	2.75E-03	4.34E-04	2.93E-03	4.65E-04	2.77E-03	4.38E-04	2.75E-03	4.33E-04	2.76E-03	4.36E-04	2.75E-03	4.34E-04	3.06E-01	4.39E-02	1.67E+00	2.61E-01
1489	Gridded	3.00E-03	4.83E-04	2.99E-03	4.81E-04	3.25E-03	5.18E-04	3.25E-03	5.18E-04	2.27E-04	3.27E-05	2.99E-03	4.82E-04	4.03E-03	6.31E-04	4.03E-03	6.31E-04	3.00E-03	4.84E-04	3.25E-03	5.18E-04	3.03E-03	4.88E-04	3.00E-03	4.83E-04	3.02E-03	4.86E-04	3.01E-03	4.84E-04	2.41E-01	3.64E-02	1.85E+00	2.90E-01
1490	Gridded	3.41E-03	5.45E-04	3.40E-03	5.43E-04	3.68E-03	5.84E-04	3.68E-03	5.84E-04	2.54E-04	3.67E-05	3.40E-03	5.43E-04	4.56E-03	7.11E-04	4.56E-03	7.11E-04	3.41E-03	5.45E-04	3.68E-03	5.84E-04	3.45E-03	5.50E-04	3.41E-03	5.44E-04	3.43E-03	5.48E-04	3.42E-03	5.46E-04	2.76E-01	4.21E-02	2.08E+00	3.26E-01
1491	Gridded	3.65E-03	5.96E-04	3.63E-03	5.93E-04	3.93E-03	6.38E-04	3.93E-03	6.38E-04	2.66E-04	3.96E-05	3.63E-03	5.93E-04	4.85E-03	7.74E-04	4.85E-03	7.74E-04	3.65E-03	5.96E-04	3.93E-03	6.38E-04	3.68E-03	6.01E-04	3.64E-03	5.95E-04	3.66E-03	5.98E-04	3.65E-03	5.96E-04	2.68E-01	4.73E-02	2.20E+00	3.54E-01
1492	Gridded	3.93E-03	6.56E-04	3.91E-03	6.53E-04	4.22E-03	7.01E-04	4.22E-03	7.01E-04	2.82E-04	4.23E-05	3.91E-03	6.53E-04	5.16E-03	8.47E-04	5.16E-03	8.47E-04	3.93E-03	6.56E-04	4.22E-03	7.01E-04	3.96E-03	6.62E-04	3.92E-03	6.55E-04	3.94E-03	6.59E-04	3.93E-03	6.57E-04	3.45E-01	5.85E-02	2.34E+00	3.86E-01
1493	Gridded	3.99E-03	6.71E-04	3.97E-03	6.68E-04	4.31E-03	7.15E-04	4.31E-03	7.15E-04	3.01E-04	4.63E-05	3.97E-03	6.68E-04	5.35E-03	8.59E-04	5.35E-03	8.59E-04	3.99E-03	6.71E-04	4.31E-03	7.15E-04	4.03E-03	6.76E-04	3.99E-03	6.70E-04	4.01E-03	6.73E-04	4.00E-03	6.71E-04	3.62E-01	5.47E-02	2.45E+00	3.91E-01
1494	Gridded	4.29E-03	7.22E-04	4.27E-03	7.19E-04	4.61E-03	7.76E-04	4.61E-03	7.76E-04	3.09E-04	5.11E-05	4.27E-03	7.19E-04	5.66E-03	9.50E-04	5.66E-03	9.50E-04	4.29E-03	7.23E-04	4.61E-03	7.76E-04	4.33E-03	7.29E-04	4.28E-03	7.21E-04	4.31E-03	7.26E-04	4.29E-03	7.23E-04	3.42E-01	5.67E-02	2.58E+00	4.62E-01
1495	Gridded	4.58E-03	7.51E-04	4.56E-03	7.47E-04	4.85E-03	8.04E-04	4.85E-03	8.04E-04	3.14E-04	5.24E-05	4.56E-03	7.48E-04	5.73E-03	9.76E-04	5.73E-03	9.76E-04	4.58E-03	7.51E-04	4.85E-03	8.04E-04	4.61E-03	7.57E-04	4.57E-03	7.49E-04	4.59E-03	7.54E-04	4.58E-03	7.51E-04	2.86E-01	6.56E-02	2.69E+00	4.96E-01
1496	Gridded	4.77E-03	7.73E-04	4.75E-03	7.69E-04	5.03E-03	8.35E-04	5.03E-03	8.35E-04	3.53E-04	6.04E-05	4.76E-03	7.70E-04	5.87E-03	1.04E-03	5.87E-03	1.04E-03	4.77E-03	7.73E-04	5.03E-03	8.35E-04	4.80E-03	7.81E-04	4.76E-03	7.72E-04	4.79E-03	7.77E-04	4.77E-03	7.74E-04	2.52E-01	6.42E-02	2.78E+00	5.22E-01
1497	Gridded	4.78E-03	1.11E-03	4.77E-03	1.10E-03	4.96E-03	1.19E-03	4.96E-03	1.19E-03	3.53E-04	8.00E-05	4.77E-03	1.10E-03	5.90E-03	1.47E-03	5.90E-03	1.47E-03	4.78E-03	1.11E-03	4.96E-03	1.19E-03	4.80E-03	1.12E-03	4.78E-03	1.10E-03	4.79E-03	1.11E-03	4.78E-03	1.11E-03	2.86E-01	8.38E-02	2.81E+00	7.18E-01
1498	Gridded	4.34E-03	1.54E-03	4.32E-03	1.53E-03	4.66E-03	1.65E-03	4.66E-03	1.65E-03	4.03E-04	1.03E-04	4.32E-03	1.53E-03	6.05E-03	2.00E-03	6.05E-03	2.00E-03	4.34E-03	1.54E-03	4.66E-03	1.65E-03	4.37E-03	1.55E-03	4.33E-03	1.54E-03	4.36E-03	1.55E-03	4.34E-03	1.54E-03	3.95E-01	1.01E-01	2.62E+00	9.58E-01
1499	Gridded	5.02E-03	1.78E-03	4.99E-03	1.78E-03	5.47E-03	1.90E-03	5.47E-03	1.90E-03	4.73E-04	1.09E-04	5.00E-03	1.78E-03	6.90E-03	2.27E-03	6.90E-03	2.27E-03	5.03E-03	1.78E-03	5.47E-03	1.90E-03	5.08E-03	1.80E-03	5.01E-03	1.78E-03	5.05E-03	1.79E-03	5.03E-03	1.78E-03	4.34E-01	1.16E-01	3.03E+00	1.08E+00
1500	Gridded	8.66E-03	1.16E-03	8.63E-03	1.16E-03	9.17E-03	1.22E-03	9.17E-03	1.22E-03	5.53E-04	7.93E-05	8.63E-03	1.16E-03	1.08E-02	1.42E-03	1.08E-02	1.42E-03	8.66E-03	1.16E-03	9.17E-03	1.22E-03	8.72E-03	1.17E-03	8.65E-03	1.16E-03	8.69E-03	1.17E-03	8.67E-03	1.16E-03	4.41E-01	8.70E-02	4.95E+00	7.40E-01
1501	Gridded	6.73E-03	1.18E-03	6.72E-03	1.18E-03	6.83E-03	1.25E-03	6.83E-03	1.25E-03	4.73E-04	7.04E-05	6.72E-03	1.18E-03	7.14E-03	1.48E-03	7.14E-03	1.48E-03	6.73E-03	1.18E-03	6.83E-03	1.25E-03	6.74E-03	1.19E-03	6.73E-03	1.18E-03	6.73E-03	1.18E-03	6.73E-03	1.18E-03	4.61E-01	8.43E-02	3.64E+00	7.40E-01
1502	Gridded	5.78E-03	1.32E-03	5.76E-03	1.31E-03	6.15E-03	1.42E-03	6.15E-03	1.42E-03	6.23E-04	1.22E-04	5.76E-03	1.31E-03	7.44E-03	1.78E-03	7.44E-03	1.78E-03	5.78E-03	1.32E-03	6.15E-03	1.42E-03	5.83E-03	1.33E-03	5.77E-03	1.32E-03	5.80E-03	1.33E-03	5.79E-03	1.32E-03	5.33E-01	1.35E-01	3.35E+00	8.20E-01
1503	Gridded	7.26E-03	2.05E-03	7.23E-03	2.04E-03	7.79E-03	2.20E-03	7.79E-03	2.20E-03	7.53E-04	1.42E-04	7.23E-03	2.04E-03	9.51E-03	2.69E-03	9.51E-03	2.69E-03	7.26E-03	2.05E-03	7.79E-03	2.20E-03	7.33E-03	2.07E-03	7.25E-03	2.05E-03	7.29E-03	2.06E-03	7.27E-03	2.05E-03	6.60E-01	1.61E-01	4.23E+00	1.27E+00

Scenario 2 Results

1504	Gridded	7.15E-03	1.76E-03	7.14E-03	1.75E-03	7.31E-03	1.88E-03	7.31E-03	1.88E-03	5.75E-04	1.33E-04	7.14E-03	1.75E-03	8.70E-03	2.27E-03	8.70E-03	2.27E-03	7.15E-03	1.76E-03	7.31E-03	1.88E-03	7.17E-03	1.77E-03	7.14E-03	1.76E-03	7.16E-03	1.76E-03	7.15E-03	1.76E-03	6.92E-01	1.76E-01	4.04E+00	1.13E+00
1505	Gridded	1.20E-02	1.48E-03	1.19E-02	1.48E-03	1.26E-02	1.56E-03	1.26E-02	1.56E-03	5.75E-04	1.26E-04	1.19E-02	1.48E-03	1.46E-02	1.98E-03	1.46E-02	1.98E-03	1.20E-02	1.48E-03	1.26E-02	1.56E-03	1.20E-02	1.49E-03	1.19E-02	1.48E-03	1.20E-02	1.49E-03	1.20E-02	1.48E-03	7.26E-01	2.39E-01	6.97E+00	1.03E+00
1506	Gridded	8.28E-03	1.39E-03	8.25E-03	1.39E-03	8.75E-03	1.47E-03	8.75E-03	1.47E-03	5.19E-04	9.45E-05	8.25E-03	1.39E-03	1.03E-02	1.71E-03	1.03E-02	1.71E-03	8.28E-03	1.39E-03	8.75E-03	1.47E-03	8.34E-03	1.40E-03	8.27E-03	1.39E-03	8.31E-03	1.40E-03	8.28E-03	1.39E-03	6.56E-01	2.25E-01	4.76E+00	9.85E-01
1507	Gridded	1.25E-02	8.47E-04	1.25E-02	8.43E-04	1.31E-02	9.08E-04	1.31E-02	9.08E-04	5.81E-04	5.72E-05	1.25E-02	8.43E-04	1.51E-02	1.10E-03	1.51E-02	1.10E-03	1.25E-02	8.47E-04	1.31E-02	9.08E-04	1.26E-02	8.54E-04	1.25E-02	8.46E-04	1.25E-02	8.50E-04	1.25E-02	8.48E-04	5.36E-01	8.49E-02	7.24E+00	5.02E-01
1508	Gridded	1.31E-02	1.04E-03	1.30E-02	1.04E-03	1.39E-02	1.11E-03	1.39E-02	1.11E-03	7.39E-04	7.79E-05	1.30E-02	1.04E-03	1.64E-02	1.31E-03	1.64E-02	1.31E-03	1.31E-02	1.04E-03	1.39E-02	1.11E-03	1.32E-02	1.05E-03	1.31E-02	1.04E-03	1.31E-02	1.05E-03	1.31E-02	1.04E-03	8.28E-01	1.19E-01	7.51E+00	6.97E-01
1509	Gridded	7.94E-03	8.38E-04	7.91E-03	8.35E-04	8.39E-03	8.93E-04	8.39E-03	8.93E-04	4.72E-04	6.74E-05	7.92E-03	8.35E-04	9.86E-03	1.07E-03	9.86E-03	1.07E-03	7.94E-03	8.38E-04	8.39E-03	8.93E-04	8.00E-03	8.45E-04	7.93E-03	8.37E-04	7.97E-03	8.41E-04	7.95E-03	8.39E-04	8.79E-01	8.45E-02	4.57E+00	4.97E-01
1510	Gridded	6.46E-03	1.31E-03	6.43E-03	1.31E-03	6.86E-03	1.40E-03	6.86E-03	1.40E-03	3.78E-04	8.48E-05	6.44E-03	1.31E-03	8.16E-03	1.70E-03	8.16E-03	1.70E-03	6.46E-03	1.31E-03	6.86E-03	1.40E-03	6.51E-03	1.32E-03	6.45E-03	1.31E-03	6.48E-03	1.32E-03	6.46E-03	1.31E-03	4.75E-01	1.20E-01	3.82E+00	8.42E-01
1511	Gridded	9.49E-03	1.42E-03	9.46E-03	1.41E-03	1.00E-02	1.52E-03	1.00E-02	1.52E-03	4.98E-04	9.85E-05	9.46E-03	1.41E-03	1.17E-02	1.86E-03	1.17E-02	1.86E-03	9.49E-03	1.42E-03	1.00E-02	1.52E-03	9.56E-03	1.43E-03	9.48E-03	1.42E-03	9.52E-03	1.42E-03	9.50E-03	1.42E-03	5.03E-01	9.80E-02	5.48E+00	8.88E-01
1512	Gridded	1.03E-02	7.53E-04	1.03E-02	7.49E-04	1.09E-02	8.05E-04	1.09E-02	8.05E-04	5.23E-04	5.44E-05	1.03E-02	7.50E-04	1.27E-02	9.77E-04	1.27E-02	9.77E-04	1.03E-02	7.53E-04	1.09E-02	8.05E-04	1.04E-02	7.59E-04	1.03E-02	7.51E-04	1.04E-02	7.56E-04	1.03E-02	7.53E-04	4.92E-01	7.09E-02	5.91E+00	5.30E-01
1513	Gridded	9.86E-03	6.98E-04	9.82E-03	6.95E-04	1.04E-02	7.36E-04	1.04E-02	7.36E-04	5.00E-04	3.89E-05	9.83E-03	6.95E-04	1.21E-02	8.63E-04	1.21E-02	8.63E-04	9.86E-03	6.98E-04	1.04E-02	7.36E-04	9.93E-03	7.02E-04	9.85E-03	6.97E-04	9.89E-03	7.00E-04	9.87E-03	6.98E-04	4.39E-01	4.04E-02	5.65E+00	4.10E-01
1514	Gridded	9.00E-03	8.36E-04	8.97E-03	8.33E-04	9.50E-03	8.84E-04	9.50E-03	8.84E-04	4.64E-04	4.45E-05	8.98E-03	8.34E-04	1.11E-02	1.04E-03	1.11E-02	1.04E-03	9.00E-03	8.36E-04	9.50E-03	8.84E-04	9.06E-03	8.42E-04	8.99E-03	8.35E-04	9.03E-03	8.39E-04	9.01E-03	8.37E-04	4.53E-01	5.56E-02	5.19E+00	4.78E-01
1515	Gridded	8.12E-03	9.50E-04	8.09E-03	9.47E-04	8.58E-03	1.00E-03	8.58E-03	1.00E-03	4.26E-04	4.86E-05	8.10E-03	9.47E-04	1.00E-02	1.17E-03	1.00E-02	1.17E-03	8.13E-03	9.50E-04	8.58E-03	1.00E-03	8.18E-03	9.57E-04	8.11E-03	9.49E-04	8.15E-03	9.53E-04	8.13E-03	9.51E-04	3.65E-01	4.05E-02	4.67E+00	5.43E-01
1516	Gridded	7.38E-03	9.14E-04	7.35E-03	9.10E-04	7.80E-03	9.62E-04	7.80E-03	9.62E-04	3.92E-04	4.54E-05	7.36E-03	9.11E-04	9.15E-03	1.12E-03	9.15E-03	1.12E-03	7.38E-03	9.14E-04	7.80E-03	9.62E-04	7.43E-03	9.20E-04	7.37E-03	9.13E-04	7.40E-03	9.17E-04	7.38E-03	9.14E-04	3.22E-01	3.43E-02	4.20E+00	5.32E-01
1517	Gridded	6.77E-03	8.76E-04	6.74E-03	8.73E-04	7.15E-03	9.21E-04	7.15E-03	9.21E-04	3.63E-04	4.23E-05	6.75E-03	8.73E-04	8.41E-03	1.07E-03	8.41E-03	1.07E-03	6.77E-03	8.76E-04	7.15E-03	9.21E-04	6.82E-03	8.81E-04	6.76E-03	8.75E-04	6.79E-03	8.78E-04	6.77E-03	8.76E-04	3.44E-01	3.72E-02	3.82E+00	5.23E-01
1518	Gridded	6.25E-03	7.17E-04	6.23E-03	7.15E-04	6.61E-03	7.54E-04	6.61E-03	7.54E-04	3.37E-04	3.40E-05	6.23E-03	7.15E-04	7.77E-03	8.71E-04	7.77E-03	8.71E-04	6.25E-03	7.18E-04	6.61E-03	7.54E-04	6.29E-03	7.22E-04	6.24E-03	7.17E-04	6.27E-03	7.20E-04	6.25E-03	7.18E-04	3.35E-01	4.38E-02	3.49E+00	4.43E-01
1519	Gridded	5.78E-03	5.61E-04	5.76E-03	5.59E-04	6.11E-03	5.89E-04	6.11E-03	5.89E-04	3.11E-04	2.62E-05	5.76E-03	5.59E-04	7.18E-03	6.79E-04	7.18E-03	6.79E-04	5.78E-03	5.61E-04	6.11E-03	5.89E-04	5.82E-03	5.64E-04	5.77E-03	5.60E-04	5.80E-03	5.62E-04	5.79E-03	5.61E-04	3.26E-01	4.59E-02	3.21E+00	3.59E-01
1520	Gridded	5.33E-03	4.69E-04	5.31E-03	4.67E-04	5.64E-03	4.98E-04	5.64E-03	4.98E-04	2.85E-04	3.43E-05	5.32E-03	4.68E-04	6.62E-03	5.90E-04	6.62E-03	5.90E-04	5.33E-03	4.69E-04	5.64E-03	4.98E-04	5.37E-03	4.73E-04	5.33E-03	4.69E-04	5.35E-03	4.71E-04	5.34E-03	4.70E-04	3.61E-01	4.92E-02	2.94E+00	2.91E-01
1521	Gridded	4.90E-03	4.34E-04	4.88E-03	4.32E-04	5.17E-03	4.60E-04	5.17E-03	4.60E-04	2.60E-04	3.06E-05	4.88E-03	4.32E-04	6.07E-03	5.44E-04	6.07E-03	5.44E-04	4.90E-03	4.34E-04	5.17E-03	4.60E-04	4.93E-03	4.37E-04	4.89E-03	4.33E-04	4.91E-03	4.35E-04	4.90E-03	4.34E-04	2.73E-01	4.02E-02	2.68E+00	2.54E-01
1522	Gridded	4.71E-03	3.69E-04	4.69E-03	3.68E-04	4.98E-03	3.91E-04	4.98E-03	3.91E-04	2.55E-04	2.20E-05	4.69E-03	3.68E-04	5.86E-03	4.62E-04	5.86E-03	4.62E-04	4.71E-03	3.69E-04	4.98E-03	3.91E-04	4.74E-03	3.72E-04	4.70E-03	3.69E-04	4.72E-03	3.70E-04	4.71E-03	3.69E-04	2.09E-01	2.72E-02	2.75E+00	2.19E-01
1523	Gridded	5.07E-03	3.48E-04	5.05E-03	3.47E-04	5.36E-03	3.68E-04	5.36E-03	3.68E-04	2.71E-04	2.18E-05	5.06E-03	3.47E-04	6.29E-03	4.35E-04	6.29E-03	4.35E-04	5.07E-03	3.48E-04	5.36E-03	3.68E-04	5.11E-03	3.50E-04	5.07E-03	3.47E-04	5.09E-03	3.49E-04	5.08E-03	3.48E-04	1.92E-01	2.47E-02	2.96E+00	2.08E-01
1524	Gridded	5.41E-03	3.32E-04	5.39E-03	3.31E-04	5.70E-03	3.46E-04	5.70E-03	3.46E-04	2.71E-04	2.09E-05	5.40E-03	3.31E-04	6.64E-03	4.04E-04	6.64E-03	4.04E-04	5.41E-03	3.32E-04	5.70E-03	3.46E-04	5.45E-03	3.34E-04	5.41E-03	3.32E-04	5.43E-03	3.33E-04	5.42E-03	3.32E-04	1.76E-01	2.35E-02	3.17E+00	1.95E-01
1525	Gridded	5.77E-03	3.49E-04	5.76E-03	3.48E-04	6.05E-03	3.62E-04	6.05E-03	3.62E-04	2.56E-04	2.03E-05	5.76E-03	3.49E-04	6.93E-03	4.04E-04	6.93E-03	4.04E-04	5.77E-03	3.49E-04	6.05E-03	3.62E-04	5.81E-03	3.51E-04	5.77E-03	3.49E-04	5.79E-03	3.50E-04	5.78E-03	3.49E-04	1.82E-01	2.63E-02	3.39E+00	2.04E-01
1526	Gridded	6.17E-03	3.84E-04	6.15E-03	3.83E-04	6.41E-03	3.96E-04	6.41E-03	3.96E-04	2.29E-04	2.36E-05	6.16E-03	3.83E-04	7.20E-03	4.34E-04	7.20E-03	4.34E-04	6.17E-03	3.84E-04	6.41E-03	3.96E-04	6.20E-03	3.85E-04	6.16E-03	3.84E-04	6.18E-03	3.85E-04	6.17E-03	3.84E-04	2.06E-01	3.51E-02	3.64E+00	2.27E-01
1527	Gridded	6.46E-03	5.18E-04	6.45E-03	5.15E-04	6.68E-03	5.57E-04	6.68E-03	5.57E-04	3.24E-04	3.67E-05	6.45E-03	5.16E-04	7.79E-03	6.84E-04	7.79E-03	6.84E-04	6.46E-03	5.18E-04	6.68E-03	5.57E-04	6.49E-03	5.23E-04	6.46E-03	5.17E-04	6.47E-03	5.20E-04	6.46E-03	5.18E-04	2.79E-01	4.57E-02	3.98E+00	3.19E-01
1528	Gridded	6.42E-03	4.47E-04	6.41E-03	4.44E-04	6.58E-03	4.82E-04	6.58E-03	4.82E-04	2.68E-04	3.27E-05	6.41E-03	4.45E-04	7.11E-03	5.94E-04	7.11E-03	5.94E-04	6.42E-03	4.47E-04	6.58E-03	4.82E-04	6.44E-03	4.51E-04	6.41E-03	4.46E-04	6.43E-03	4.49E-04	6.42E-03	4.47E-04	2.38E-01	3.93E-02	3.81E+00	2.80E-01
1529	Gridded	6.35E-03	3.73E-04	6.34E-03	3.72E-04	6.47E-03	3.80E-04	6.47E-03	3.80E-04	1.95E-04	2.45E-05	6.34E-03	3.72E-04	6.87E-03	4.28E-04	6.87E-03	4.28E-04	6.35E-03	3.73E-04	6.47E-03	3.80E-04	6.36E-03	3.74E-04	6.34E-03	3.73E-04	6.36E-03	3.73E-04	6.35E-03	3.73E-04	1.83E-01	3.03E-02	3.76E+00	2.21E-01
1530	Gridded	6.36E-03	3.67E-04	6.36E-03	3.66E-04	6.45E-03	3.72E-04	6.45E-03	3.72E-04	1.93E-04	2.39E-05	6.36E-03	3.66E-04	6.73E-03	4.13E-04	6.73E-03	4.13E-04	6.36E-03	3.67E-04	6.45E-03	3.72E-04	6.37E-03	3.67E-04	6.36E-03	3.66E-04	6.37E-03	3.67E-04	6.36E-03	3.67E-04	1.80E-01	2.80E-02	3.75E+00	2.17E-01
1531	Gridded	3.45E-03	5.65E-04	3.44E-03	5.62E-04	3.71E-03	6.01E-04	3.71E-03	6.01E-04	2.61E-04	3.44E-05	3.44E-03	5.63E-04	4.61E-03	7.18E-04	4.61E-03	7.18E-04	3.45E-03	5.65E-04	3.71E-03	6.01E-04	3.47E-03	5.69E-04	3.44E-03	5.64E-04	3.46E-03	5.67E-04	3.45E-03	5.65E-04	2.71E-01	4.27E-02	1.85E+00	3.19E-01
1532	Gridded	3.47E-03	4.90E-04	3.46E-03	4.88E-04	3.71E-03	5.24E-04	3.71E-03	5.24E-04	2.51E-04	3.12E-05	3.46E-03	4.89E-04	4.47E-03	6.31E-04	4.47E-03	6.31E-04	3.47E-03	4.91E-04	3.71E-03	5.24E-04	3.50E-03	4.95E-04	3.47E-03	4.90E-04	3.49E-03	4.92E-04	3.48E-03	4.91E-04	2.52E-01	4.30E-02	1.89E+00	2.79E-01
1533	Gridded	3.43E-03	4.27E-04	3.41E-03	4.25E-04	3.69E-03	4.57E-04	3.69E-03	4.57E-04	2.42E-04	2.84E-05	3.42E-03	4.25E-04	4.52E-03	5.55E-04	4.52E-03	5.55E-04	3.43E-03	4.27E-04	3.69E-03	4.57E-04	3.46E-03	4.31E-04	3.43E-03	4.26E-04	3.45E-03	4.29E-04	3.43E-03	4.27E-04	2.73E-01	4.37E-02	1.90E+00	2.45E-01
1534	Gridded	3.67E-03	4.05E-04	3.67E-03	4.03E-04	3.74E-03	4.31E-04	3.74E-03	4.31E-04	2.15E-04	2.42E-05	3.67E-03	4.03E-04	3.98E-03	5.14E-04	3.98E-03	5.14E-04	3.67E-03	4.05E-04	3.74E-03	4.31E-04	3.68E-03	4.08E-04	3.67E-03	4.04E-04	3.68E-03	4.06E-04	3.67E-03	4.05E-04	2.70E-01	4.07E-02	1.97E+00	2.30E-01
1535	Gridded	5.22E-03	3.89E-04	5.21E-03	3.88E-04	5.30E-03	4.15E-04	5.30E-03	4.15E-04	1.72E-04	2.43E-05	5.21E-03	3.88E-04	5.56E-03	4.99E-04	5.56E-03	4.99E-04	5.22E-03	3.89E-04	5.30E-03	4.15E-04	5.23E-03	3.92E-04	5.21E-03	3.89E-04	5.22E-03	3.91E-04	5.22E-03	3.90E-04	2.44E-01	3.60E-02	2.79E+00	2.25E-01
1536	Gridded	3.53E-03	4.34E-04	3.52E-03	4.32E-04	3.62E-03	4.63E-04	3.62E-03	4.63E-04	1.96E-04	2.78E-05	3.52E-03	4.32E-04	3.92E-03	5.59E-04	3.92E-03	5.59E-04	3.53E-03	4.34E-04	3.62E-03	4.63E-04	3.54E-03	4.37E-04	3.52E-03	4.33E-04	3.53E-03	4.35E-04	3.53E-03	4.34E-04	2.48E-01	3.67E-02	1.93E+00	2.55E-01
1537	Gridded	3.68E-03	4.82E-04	3.68E-03	4.79E-04	3.72E-03	5.15E-04	3.72E-03	5.15E-04	2.29E-04	3.17E-05	3.68E-03	4.80E-04	4.20E-03	6.25E-04	4.20E-03	6.25E-04	3.68E-03	4.82E-04	3.72E-03	5.15E-04	3.69E-03	4.86E-04	3.68E-03	4.81E-04	3.68E-03	4.84E-04	3.68E-03	4.82E-04	3.18E-01	5.01E-02	2.17E+00	2.87E-01
1538	Gridded	3.29E-03	4.69E-04	3.27E-03	4.67E-04	3.52E-03	5.00E-04	3.52E-03	5.00E-04	2.22E-04	3.01E-05	3.27E-03	4.67E-04	4.29E-03	6.04E-04	4.29E-03	6.04E-04	3.29E-03	4.69E-04	3.52E-03	5.00E-04	3.32E-03	4.73E-04	3.28E-03	4.68E-04	3.30E-03	4.71E-04	3.29E-03	4.69E-04	3.05E-01	5.15E-02	1.95E+00	2.76E-01
1539	Gridded	3.25E-03	4.83E-04	3.23E-03	4.81E-04	3.48E-03	5.16E-04	3.48E-03	5.16E-04	2.17E-04	3.04E-05	3.24E-03	4.82E-04	4.22E-03	6.21E-04	4.22E-03	6.21E-04	3.25E-03	4.83E-04	3.48E-03	5.16E-04	3.28E-03	4.87E-04	3.24E-03	4.83E-04	3.26E-03	4.85E-04	3.25E-03	4.84E-04	2.91E-01	4.99E-02	1.92E+00	2.83E-01
1540	Gridded	3.14E-03	4.85E-04	3.12E-03	4.83E-04	3.37E-03	5.17E-04	3.37E-03	5.17E-04	2.21E-04	3.19E-05	3.12E-03	4.84E-04	4.14E-03	6.20E-04	4.14E-03	6.20E-04	3.14E-03	4.85E-04	3.37E-03	5.17E-04	3.17E-03	4.89E-04	3.13E-03	4.85E-04	3.15E-03	4.87E-04	3.14E-03	4.86E-04	2.59E-01	4.38E-02	1.89E+00	2.83E-01
1541	Gridded	3.46E-03	5.32E-04	3.44E-03	5.29E-04	3.71E-03	5.73E-04	3.71E-03	5.73E-04	2.35E-04	3.87E-05	3.44E-03	5.30E-04	4.52E-03	7.07E-04	4.52E-03	7.07E-04	3.46E-03	5.32E-04	3.71E-03	5.73E-04	3.49E-03	5.37E-04	3.45E-03	5.31E-04	3.47E-03	5.34E-04	3.46E-03	5.32E-04	2.72E-01	4.28E-02	2.06E+00	3.51E-01
1542	Gridded	3.77E-03	7.04E-04	3.75E-03	7.00E-04	4.02E-03	7.57E-04	4.02E-03	7.57E-04	2.45E-04	5.02E-05	3.75E-03	7.01E-04	4.85E-03	9.30E-04	4.85E-03	9.30E-04	3.77E-03	7.04E-04	4.02E-03	7.57E-04	3.80E-03	7.10E-04	3.76E-03	7.03E-04	3.78E-03	7.07E-04	3.77E-03	7.04E-04	3.42E-01	4.83E-02	2.21E+00	4.65E-01
1543	Gridded	3.85E-03	8.13E-04	3.83E-03	8.09E-04	4.10E-03	8.72E-04	4.10E-03	8.72E-04	2.41E-04	5.58E-05	3.83E-03	8.10E-04	4.92E-03	1.06E-03	4.92E-03	1.06E-03	3.85E-03	8.13E-04	4.10E-03	8.72E-04	3.88E-03	8.20E-04	3.84E-03	8.12E-04	3.86E-03	8.17E-04	3.85E-03	8.14E-04	4.08E-01	5.96E-02	2.24E+00	5.35E-01
1544	Gridded	3.82E-03	7.67E-04	3.80E-03	7.63E-04	4.11E-03	8.20E-04	4.11E-03	8.20E-04	2.79E-04	5.00E-05	3.80E-03	7.64E-04	5.07E-03	9.91E-04	5.07E-03	9.91E-04	3.82E-03	7.67E-04	4.11E-03	8.20E-04	3.85E-03	7.73E-04	3.81E-03	7.66E-04	3.84E-03	7.70E-04	3.82E-03	7.67E-04	3.10E-01	5.83E-02	2.31E+00	4.96E-01
1545	Gridded	4.06E-03	8.70E-04	4.04E-03	8.65E-04	4.35E-03	9.35E-04	4.35E-03	9.35E-04	3.00E-04	6.18E-05	4.04E-03	8.66E-04	5.28E-03	1.15E-03	5.28E-03	1.15E-03	4.06E-03	8.70E-04	4.35E-03	9.35E-04	4.09E-03	8.78E-04	4.05E-03	8.68E-04	4.08E-03	8.74E-04	4.06E-03	8.70E-04	3.19E-01	6.37E-02	2.40E+00	5.72E-01
1546	Gridded	4.39E-03	1.17E-03	4.37E-03	1.16E-03	4.72E-03	1.25E-03	4.72E-03	1.25E-03	3.15E-04	7.76E-05	4.37E-03	1.16E-03	5.81E-03	1.52E-03	5.81E-03	1.52E-03	4.39E-03	1.17E-03	4.72E-03	1.25E-03	4.43E-03	1.18E-03	4.38E-03	1.17E-03	4.41E-03	1.17E-03	4.39E-03	1.17E-03	2.88E-01	7.54E-02	2.63E+00	7.37E-01
1547	Gridded	4.39E-03	1.49E-03	4.36E-03	1.48E-03	4.76E-03	1.59E-03	4.76E-03	1.59E-03	3.54E-04	9.36E-05	4.37E-03	1.48E-03	5.98E-03	1.91E-03	5.98E-03	1.91E-03	4.39E-03	1.49E-03	4.76E-03	1.59E-03	4.43E-03	1.50E-03	4.38E-03	1.49E-03	4.41E-03	1.49E-03	4.39E-03	1.49E-03	4.01E-01	8.07E-02	2.72E+00	9.07E-01
1548	Gridded	4.51E-03	1.56E-03	4.48E-03	1.55E-03	4.87E-03	1.66E-03	4.87E-03	1.66E-03	3.44E-04	9.36E-05	4.49E-03	1.55E-03	6.06E-03	1.98E-03	6.06E-03	1.98E-03	4.51E-03	1.56E-03	4.87E-03	1.66E-03	4.55E-03	1.57E-03	4.50E-03	1.56E-03	4.53E-03	1.56E-03	4.51E-03	1.56E-03	3.52E-01	9.46E-02	2.70E+00	9.30E-01
1549	Gridded	4.59E-03	1.24E-03	4.56E-03	1.23E-03	5.01E-03	1.31E-03	5.01E-03	1.31E-03	4.20E-04	6.90E-05	4.57E-03	1.23E-03	6.38E-03	1.55E-03	6.38E-03	1.55E-03	4.59E-03	1.24E-03	5.01E-03	1.31E-03	4.64E-03	1.25E-03	4.58E-03	1.24E-03	4.62E-03	1.24E-03	4.60E-03	1.24E-03	3.51E-01	7.45E-02	2.75E+00	7.38E-01
1550	Gridded	5.62E-03	9.01E-04	5.59E-03	8.97E-04	6.09E-03	9.62E-04	6.09E-03	9.62E-04	4.34E-04	5.89E-05	5.60E-03	8.98E-04	7.58E-03	1.16E-03	7.58E-03	1.16E-03	5.63E-03	9.01E-04	6.09E-03	9.62E-04	5.68E-03	9.09E-04	5.61E-03	9.00E-04	5.65E-03	9.05E-04	5.63E-03	9.02E-04	3.69E-01	8.24E-02	3.35E+00	5.48E-01
1551	Gridded	7.18E-03	8.80E-04	7.17E-03	8.76E-04	7.42E-03	9.37E-04	7.42E-03	9.37E-04	3.76E-04	5.46E-05	7.17E-03	8.77E-04	8.16E-03	1.12E-03	8.16E-03	1.12E-03	7.19E-03	8.80E-04	7.42E-03	9.37E-04	7.21E-03	8.87E-04	7.18E-03	8.79E-04	7.20E-03	8.83E-04	7.19E-03	8.81E-04	3.82E-01	6.65E-02	3.96E+00	5.57E-01
1552	Gridded	4.52E-03	1.10E-03	4.49E-03	1.09E-03	4.85E-03	1.18E-03	4.85E-03	1.18E-03	4.96E-04	9.31E-05	4.50E-03	1.09E-03	5.93E-03	1.43E-03	5.93E-03	1.43E-03	4.52E-03	1.10E-03	4.85E-03	1.18E-03	4.56E-03	1.11E-03	4.51E-03	1.10E-03	4.54E-03	1.10E-03	4.52E-03	1.10E-03	4.31E-01	8.65E-02	2.64E+00	6.66E-01
1553	Gridded	4.93E-03	1.74E-03	4.91E-03	1.73E-03	5.19E-03	1.89E-03	5.19E-03	1.89E-03	5.56E-04	1.43E-04	4.92E-03	1.73E-03	6.85E-03	2.39E-03	6.85E-03	2.39E-03	4.93E-03	1.74E-03	5.19E-03	1.89E-03	4.96E-03	1.76E-03	4.92E-03	1.74E-03	4.95E-03	1.75E-03	4.93E-03	1.74E-03	4.17E-01	1.55E-01	2.87E+00	1.10E+00
1554	Gridded	9.03E-03	1.01E-03	9.00E-03	1.01E-03	9.48E-03	1.08E-03	9.48E-03	1.08E-03	4.22E-04	8.36E-05	9.00E-03	1.01E-03	1.09E-02	1.36E-03	1.09E-02	1.36E-03	9.03E-03	1.01E-03	9.48E-03	1.08E-03	9.08E-03	1.02E-03	9.02E-03	1.01E-03	9.05E-03	1.02E-03	9.03E-03	1.01E-03	4.51E-01	7.98E-02	5.07E+00	6.47E-01
1555	Gridded	8.57E-03	1.37E-03	8.53E-03	1.37E-03	9.24E-03	1.43E-03	9.24E-03	1.43E-03	6.24E-04	8.84E-05	8.54E-03	1.37E-03	1.14E-02	1.66E-03	1.14E-02	1.66E-03	8.58E-03	1.37E-03	9.24E-03	1.43E-03	8.66E-03	1.38E-03	8.56E-03	1.37E-03	8.61E-03	1.37E-03	8.58E-03	1.37E-03	4.52E-01	1.15E-01	5.03E+00	8.34E-01
1556	Gridded	1.20E-02	1.48E-03	1.20E-02	1.47E-03	1.26E-02	1.59E-03	1.26E-02	1.59E-03	5.76E-04	1.06E-04	1.20E-02	1.47E-03	1.46E-02	1.95E-03	1.46E-02	1.95E-03	1.20E-02	1.48E-03	1.26E-02	1.59E-03	1.21E-02	1.49E-03	1.20E-02	1.48E-03	1.20E-02	1.49E-03	1.20E-02	1.48E-03	5.04E-01	1.73E-01	6.94E+00	1.00E+00
1557	Gridded	8.52E-03	1.51E-03	8.48E-03	1.50E-03	9.09E-03	1.62E-03	9.09E-03	1.62E-03	5.43E-04	1.05E-04	8.48E-03	1.50E-03	1.10E-02	1.98E-03	1.10E-02	1.98E-03	8.52E-03	1.51E-03	9.09E-03	1.62E-03	8.59E-03	1.52E-03	8.50E-03	1.50E-03	8.55E-03	1.51E-03	8.52E-03	1.51E-03	5.42E-01	1.69E-01	4.92E+00	9.91E-01
1558	Gridded	9.96E-03	1.07E-03	9.92E-03	1.07E-03	1.05E-02	1.14E-03	1.05E-02	1.14E-03	6.43E-04	6.27E-05	9.92E-03	1.07E-03	1.27E-02	1.35E-03	1.27E-02	1.35E-03	9.96E-03	1.07E-03	1.05E-02	1.14E-03	1.00E-02	1.08E-03	9.94E-03	1.07E-03	9.99E-03	1.07E-03	9.96E-03	1.07E-03	4.45E-01	1.16E-01	5.73E+00	6.96E-01
1559	Gridded	1.07E-02	9.22E-04	1.07E-02	9.17E-04	1.13E-02	9.93E-04	1.13E-02	9.93E-04	7.35E-04	6.72E-05	1.07E-02	9.18E-04	1.29E-02	1.23E-03	1.29E-02	1.23E-03	1.07E-02	9.22E-04	1.13E-02	9.93E-04	1.08E-02	9.31E-04	1.07E-02	9.20E-04	1.08E-02	9.26E-04	1.07E-02	9.23E-04	5.41E-01	7.46E-02	6.19E+00	5.60E-01
1560	Gridded	1.19E-02	9.80E-04	1.19E-02	9.76E-04	1.26E-02	1.03E-03	1.26E-02	1.03E-03	6.39E-04	6.30E-05	1.19E-02	9.77E-04	1.48E-02	1.21E-03	1.48E-02	1.21E-03	1.19E-02	9.80E-04	1.26E-02	1.03E-03	1.20E-02	9.86E-04	1.19E-02	9.78E-04	1.20E-02	9.83E-04	1.20E-02	9.80E-04	6.17E-01	9.59E-02	6.78E+00	6.47E-01
1561	Gridded	7.97E-03	6.89E-04	7.94E-03	6.86E-04	8.44E-03	7.33E-04	8.44E-03	7.33E-04	4.47E-04	5.60E-05	7.94E-03	6.86E-04	9.98E-03	8.83E-04	9.98E-03	8.83E-04	7.97E-03	6.89E-04	8.44E-03	7.33E-04	8.03E-03	6.94E-04	7.96E-03	6.88E-04	8.00E-03	6.91E-04	7.97E-03	6.89E-04	7.08E-01	6.12E-02	4.52E+00	4.13E-01
1562	Gridded	6.49E-03	1.31E-03	6.46E-03	1.30E-03	6.84E-03	1.40E-03	6.84E-03	1.40E-03	3.31E-04	8.42E-05	6.47E-03	1.30E-03	7.98E-03	1.69E-03	7.98E-03	1.69E-03	6.49E-03	1.31E-03	6.84E-03	1.40E-03	6.53E-03	1.32E-03	6.48E-03	1.30E-03	6.51E-03	1.31E-03	6.49E-03	1.31E-03	4.73E-01	7.77E-02	3.68E+00	7.87E-01
1563	Gridded	5.89E-03	1.26E-03	5.86E-03	1.25E-03	6.22E-03	1.36E-03	6.22E-03	1.36E-03	3.16E-04	8.94E-05	5.87E-03	1.25E-03	7.31E-03	1.66E-03	7.31E-03	1.66E-03	5.89E-03	1.26E-03	6.22E-03	1.36E-03	5.93E-03	1.27E-03	5.88E-03	1.26E-03	5.91E-03	1.27E-03	5.89E-03	1.26E-03	4.30E-01	7.87E-02	3.52E+00	7.50E-01
1564	Gridded	7.20E-03	1.05E-03	7.17E-03	1.04E-03	7.59E-03	1.12E-03	7.59E-03	1.12E-03	3.70E-04	6.83E-05	7.18E-03	1.04E-03	8.87E-03	1.36E-03	8.87E-03	1.36E-03	7.20E-03	1.05E-03	7.59E-03	1.12E-03	7.25E-03	1.06E-03	7.19E-03	1.05E-03	7.22E-03	1.05E-03	7.20E-03	1.05E-03	4.25E-01	6.58E-02	4.24E+00	6.62E-01
1565	Gridded	7.68E-03	5.78E-04	7.65E-03	5.76E-04	8.09E-03	6.10E-04	8.09E-03	6.10E-04	3.89E-04	4.01E-05	7.66E-03	5.76E-04	9.43E-03	7.37E-04	9.43E-03	7.37E-04	7.68E-03	5.78E-04	8.09E-03	6.10E-04	7.73E-03	5.82E-04	7.67E-03	5.77E-04	7.70E-03	5.80E-04	7.68E-03	5.78E-04	3.50E-01	4.38E-02	4.54E+00	3.79E-01
1566	Gridded	7.60E-03	5.69E-04	7.58E-03	5.67E-04	8.01E-03	6.00E-04	8.01E-03	6.00E-04	3.86E-04	3.54E-05	7.58E-03	5.67E-04	9.35E-03	7.02E-04	9.35E-03	7.02E-04	7.61E-03	5.69E-04	8.01E-03	6.00E-04	7.66E-03	5.73E-04	7.60E-03	5.68E-04	7.63E-03	5.71E-04	7.61E-03	5.69E-04	3.36E-01	3.20E-02	4.49E+00	3.35E-01
1567	Gridded	7.26E-03	5.40E-04	7.23E-03	5.38E-04	7.66E-03	5.70E-04	7.66E-03	5.70E-04	3.73E-04	2.88E-05	7.24E-03	5.38E-04	8.94E-03	6.66E-04	8.94E-03	6.66E-04	7.26E-03	5.40E-04	7.66E-03	5.70E-04	7.31E-03	5.44E-04	7.25E-03	5.39E-04	7.28E-03	5.42E-04	7.26E-03	5.40E-04	3.36E-01	3.89E-02	4.25E+00	3.15E-01
1568	Gridded	6.82E-03	6.77E-04	6.79E-03	6.75E-04	7.20E-03	7.16E-04	7.20E-03	7.16E-04	3.54E-04	3.65E-05	6.80E-03	6.75E-04	8.42E-03	8.42E-04	8.42E-03	8.42E-04	6.82E-03	6.78E-04	7.20E-03	7.16E-04	6.87E-03	6.82E-04	6.81E-03	6.77E-04	6.84E-03	6.80E-04	6.82E-03	6.78E-04	3.50E-01	4.21E-02	3.95E+00	3.84E-01
1569	Gridded	6.37E-03	7.79E-04	6.34E-03	7.77E-04	6.72E-03	8.22E-04	6.72E-03	8.22E-04	3.33E-04	4.04E-05	6.35E-03	7.77E-04	7.87E-03	9.62E-04	7.87E-03	9.62E-04	6.37E-03	7.80E-04	6.72E-03	8.22E-04	6.41E-03	7.85E-04	6.36E-03	7.78E-04	6.39E-03	7.82E-04	6.37E-03	7.80E-04	2.75E-01	3.39E-02	3.64E+00	4.43E-01
1570	Gridded	5.92E-03	7.99E-04	5.90E-03	7.97E-04	6.25E-03	8.42E-04	6.25E-03	8.42E-04	3.11E-04	4.00E-05	5.90E-03	7.97E-04	7.32E-03	9.80E-04	7.32E-03	9.80E-04	5.92E-03	7.99E-04	6.25E-03	8.42E-04	5.96E-03	8.05E-04	5.91E-03	7.98E-04	5.94E-03	8.02E-04	5.92E-03	8.00E-04	2.37E-01	3.19E-02	3.35E+00	4.59E-01
1571	Gridded	5.48E-03	7.92E-04	5.46E-03	7.89E-04	5.79E-03	8.33E-04	5.79E-03	8.33E-04	2.89E-04	3.85E-05	5.46E-03	7.90E-04	6.78E-03	9.65E-04	6.78E-03	9.65E-04	5.48E-03	7.92E-04	5.79E-03	8.33E-04	5.52E-03	7.97E-04	5.47E-03	7.91E-04	5.50E-03	7.94E-04	5.48E-03	7.92E-04	3.24E-01	3.84E-02	3.07E+00	4.63E-01
1572	Gridded	5.04E-03	7.05E-04	5.02E-03	7.02E-04	5.32E-03	7.40E-04	5.32E-03	7.40E-04	2.65E-04	3.75E-05	5.03E-03	7.03E-04	6.23E-03	8.56E-04	6.23E-03	8.56E-04	5.04E-03	7.05E-04	5.32E-03	7.40E-04	5.08E-03	7.09E-04	5.03E-03	7.04E-04	5.06E-03	7.07E-04	5.04E-03	7.05E-04	3.16E-01	4.19E-02	2.81E+00	4.20E-01
1573	Gridded	4.59E-03	5.22E-04	4.57E-03	5.21E-04	4.84E-03	5.49E-04	4.84E-03	5.49E-04	2.39E-04	2.46E-05	4.58E-03	5.21E-04	5.67E-03	6.33E-04	5.67E-03	6.33E-04	4.59E-03	5.22E-04	4.84E-03	5.49E-04	4.62E-03	5.26E-04	4.58E-03	5.22E-04	4.61E-03	5.24E-04	4.59E-03	5.23E-04	1.87E-01	2.94E-02	2.54E+00	3.20E-01
1574	Gridded	4.12E-03	4.28E-04	4.11E-03	4.26E-04	4.35E-03	4.49E-04	4.35E-03	4.49E-04	2.12E-04	2.00E-05	4.11E-03	4.27E-04	5.08E-03	5.18E-04	5.08E-03	5.18E-04	4.13E-03	4.28E-04	4.35E-03	4.49E-04	4.15E-03	4.30E-04	4.12E-03	4.27E-04	4.14E-03	4.29E-04	4.13E-03	4.28E-04	2.15E-01	2.97E-02	2.27E+00	2.69E-01
1575	Gridded	3.63E-03	3.45E-04	3.62E-03	3.44E-04	3.83E-03	3.62E-04	3.83E-03	3.62E-04	1.84E-04	1.95E-05	3.62E-03	3.44E-04	4.46E-03	4.26E-04	4.46E-03	4.26E-04	3.63E-03	3.45E-04	3.83E-03	3.62E-04	3.66E-03	3.47E-04	3.63E-03	3.45E-04	3.64E-03	3.46E-04	3.64E-03	3.46E-04	2.48E-01	2.90E-02	1.99E+00	2.22E-01
1576	Gridded	3.10E-03	3.37E-04	3.09E-03	3.36E-04	3.27E-03	3.58E-04	3.27E-03	3.58E-04	1.76E-04	2.07E-05	3.10E-03	3.36E-04	3.80E-03	4.24E-04	3.80E-03	4.24E-04	3.10E-03	3.38E-04	3.27E-03	3.58E-04	3.12E-03	3.40E-04	3.10E-03	3.37E-04	3.11E-03	3.39E-04	3.11E-03	3.38E-04	2.75E-01	2.68E-02	1.75E+00	1.96E-01
1577	Gridded	3.01E-03	3.48E-04	3.00E-03	3.47E-04	3.13E-03	3.70E-04	3.13E-03	3.70E-04	2.59E-04	2.60E-05	3.00E-03	3.47E-04	3.57E-03	4.39E-04	3.57E-03	4.39E-04	3.01E-03	3.48E-04	3.13E-03	3.70E-04	3.03E-03	3.51E-04	3.01E-03	3.48E-04	3.02E-03	3.50E-04	3.01E-03	3.49E-04	3.49E-01	2.87E-02	1.80E+00	2.03E-01
1578	Gridded	3.54E-03	4.21E-04	3.54E-03	4.19E-04	3.59E-03	4.49E-04	3.59E-03	4.49E-04	3.89E-04	3.27E-05	3.54E-03	4.19E-04	4.78E-03	5.41E-04	4.78E-03	5.41E-04	3.54E-03	4.21E-04	3.59E-03	4.49E-04	3.55E-03	4.24E-04	3.54E-03	4.20E-04	3.54E-03	4.23E-04	3.54E-03	4.21E-04	4.14E-01	3.18E-02	2.06E+00	2.41E-01
1579	Gridded	3.76E-03	3.64E-04	3.76E-03	3.62E-04	3.86E-03	3.90E-04	3.86E-03	3.90E-04	3.41E-04	2.56E-05	3.76E-03	3.63E-04	4.27E-03	4.75E-04	4.27E-03	4.75E-04	3.77E-03	3.64E-04	3.86E-03	3.90E-04	3.78E-03	3.67E-04	3.76E-03	3.64E-04	3.77E-03	3.66E-04	3.77E-03	3.64E-04	3.54E-01	2.72E-02	2.21E+00	2.15E-01
1580	Gridded	4.01E-03	3.23E-04	4.01E-03	3.23E-04	4.09E-03	3.29E-04	4.09E-03	3.29E-04	2.77E-04	2.13E-05	4.01E-03	3.23E-04	4.33E-03	3.84E-04	4.33E-03	3.84E-04	4.01E-03	3.23E-04	4.09E-03	3.29E-04	4.02E-03	3.24E-04	4.01E-03	3.23E-04	4.02E-03	3.23E-04	4.01E-03	3.23E-04	2.93E-01	2.34E-02	2.33E+00	1.83E-01
1581	Gridded	4.32E-03	3.45E-04	4.32E-03	3.45E-04	4.38E-03	3.51E-04	4.38E-03	3.51E-04	3.15E-04	2.34E-05	4.32E-03	3.45E-04	4.55E-03	4.20E-04	4.55E-03	4.20E-04	4.32E-03	3.45E-04	4.38E-03	3.51E-04	4.33E-03	3.46E-04	4.32E-03	3.45E-04	4.33E-03	3.46E-04	4.32E-03	3.45E-04	2.85E-01	2.76E-02	2.49E+00	1.95E-01
1582	Gridded	4.78E-03	5.11E-04	4.75E-03	5.09E-04	5.13E-03	5.44E-04	5.13E-03	5.44E-04	3.34E-04	3.13E-05	4.76E-03	5.09E-04	6.28E-03	6.52E-04	6.28E-03	6.52E-04	4.78E-03	5.11E-04	5.13E-03	5.44E-04	4.82E-03	5.15E-04	4.77E-03	5.10E-04	4.80E-03	5.13E-04	4.78E-03	5.12E-04	2.72E-01	4.10E-02	2.55E+00	2.95E-01
1583	Gridded	3.98E-03	4.77E-04	3.98E-03	4.75E-04	4.09E-03	5.09E-04	4.09E-03	5.09E-04	2.70E-04	3.04E-05	3.98E-03	4.75E-04	4.97E-03	6.14E-04	4.97E-03	6.14E-04	3.98E-03	4.77E-04	4.09E-03	5.09E-04	3.99E-03	4.81E-04	3.98E-03	4.76E-04	3.98E-03	4.79E-04	3.98E-03	4.77E-04	2.61E-01	3.95E-02	2.28E+00	2.75E-01
1584	Gridded	3.65E-03	4.44E-04	3.64E-03	4.42E-04	3.70E-03	4.75E-04	3.70E-03	4.75E-04	2.34E-04	2.92E-05	3.64E-03	4.42E-04	4.08E-03	5.76E-04	4.08E-03	5.76E-04	3.65E-03	4.44E-04	3.70E-03	4.75E-04	3.65E-03	4.48E-04	3.65E-03	4.43E-04	3.65E-03	4.46E-04	3.65E-03	4.44E-04	2.65E-01	4.33E-02	2.10E+00	2.60E-01
1585	Gridded	4.94E-03	4.59E-04	4.94E-03	4.57E-04	4.99E-03	4.92E-04	4.99E-03	4.92E-04	2.42E-04	3.08E-05	4.94E-03	4.58E-04	5.16E-03	5.99E-04	5.16E-03	5.99E-04	4.94E-03	4.60E-04	4.99E-03	4.92E-04	4.95E-03	4.64E-04	4.94E-03	4.59E-04	4.94E-03	4.61E-04	4.94E-03	4.60E-04	3.05E-01	5.24E-02	2.64E+00	2.74E-01
1586	Gridded	6.35E-03	4.46E-04	6.35E-03	4.43E-04	6.41E-03	4.78E-04	6.41E-03	4.78E-04	2.00E-04	3.04E-05	6.35E-03	4.44E-04	6.61E-03	5.83E-04	6.61E-03	5.83E-04	6.35E-03	4.46E-04	6.41E-03	4.78E-04	6.36E-03	4.50E-04	6.35E-03	4.45E-04	6.36E-03	4.47E-04	6.35E-03	4.46E-04	3.02E-01	5.56E-02	3.41E+00	2.70E-01
1587	Gridded	3.62E-03	4.08E-04	3.62E-03	4.06E-04	3.69E-03	4.38E-04	3.69E-03	4.38E-04	1.78E-04	2.77E-05	3.62E-03	4.06E-04	3.90E-03	5.33E-04	3.90E-03	5.33E-04	3.62E-03	4.08E-04	3.69E-03	4.38E-04	3.63E-03	4.12E-04	3.62E-03	4.07E-04	3.63E-03	4.10E-04	3.62E-03	4.08E-04	2.73E-01	4.69E-02	2.00E+00	2.54E-01
1588	Gridded	2.89E-03	4.68E-04	2.88E-03	4.65E-04	3.09E-03	5.02E-04	3.09E-03	5.02E-04	1.87E-04	3.22E-05	2.88E-03	4.66E-04	3.74E-03	6.13E-04	3.74E-03	6.13E-04	2.90E-03	4.68E-04	3.09E-03	5.02E-04	2.92E-03	4.72E-04	2.89E-03	4.67E-04	2.91E-03	4.70E-04	2.90E-03	4.68E-04	2.42E-01	4.15E-02	1.71E+00	2.96E-01
1589	Gridded	2.96E-03	5.20E-04	2.95E-03	5.18E-04	3.16E-03	5.59E-04	3.16E-03	5.59E-04	1.87E-04	3.60E-05	2.95E-03	5.18E-04	3.81E-03	6.83E-04	3.81E-03	6.83E-04	2.96E-03	5.21E-04	3.16E-03	5.59E-04	2.99E-03	5.25E-04	2.96E-03	5.20E-04	2.97E-03	5.23E-04	2.96E-03	5.21E-04	2.35E-01	3.74E-02	1.74E+00	3.34E-01
1590	Gridded	2.92E-03	5.86E-04	2.91E-03	5.83E-04	3.11E-03	6.29E-04	3.11E-03	6.29E-04	1.83E-04	4.02E-05	2.91E-03	5.84E-04	3.73E-03	7.68E-04	3.73E-03	7.68E-04	2.93E-03	5.86E-04	3.11E-03	6.29E-04	2.95E-03	5.92E-04	2.92E-03	5.85E-04	2.94E-03	5.89E-04	2.93E-03	5.87E-04	2.27E-01	3.67E-02	1.70E+00	3.80E-01
1591	Gridded	2.92E-03	6.28E-04	2.91E-03	6.25E-04	3.11E-03	6.73E-04	3.11E-03	6.73E-04	1.77E-04	4.21E-05	2.91E-03	6.26E-04	3.70E-03	8.18E-04	3.70E-03	8.18E-04	2.92E-03	6.28E-04	3.11E-03	6.73E-04	2.94E-03	6.34E-04	2.92E-03	6.27E-04	2.93E-03	6.31E-04	2.92E-03	6.29E-04	2.56E-01	4.27E-02	1.74E+00	4.08E-01
1592	Gridded	3.12E-03	6.74E-04	3.10E-03	6.71E-04	3.33E-03	7.20E-04	3.33E-03	7.20E-04	2.15E-04	4.34E-05	3.11E-03	6.72E-04	4.08E-03	8.70E-04	4.08E-03	8.70E-04	3.12E-03	6.74E-04	3.33E-03	7.20E-04	3.14E-03	6.80E-04	3.11E-03	6.73E-04	3.13E-03	6.77E-04	3.12E-03	6.75E-04	2.81E-01	4.75E-02	1.86E+00	4.35E-01
1593	Gridded	3.61E-03	7.15E-04	3.59E-03	7.12E-04	3.85E-03	7.69E-04	3.85E-03	7.69E-04	2.34E-04	5.09E-05	3.59E-03	7.12E-04	4.66E-03	9.45E-04	4.66E-03	9.45E-04	3.61E-03	7.16E-04	3.85E-03	7.69E-04	3.64E-03	7.22E-04	3.60E-03	7.14E-04	3.62E-03	7.19E-04	3.61E-03	7.16E-04	3.35E-01	5.16E-02	2.13E+00	4.73E-01
1594	Gridded	3.81E-03	9.01E-04	3.79E-03	8.97E-04	4.10E-03	9.65E-04	4.10E-03	9.65E-04	2.70E-04	6.01E-05	3.80E-03	8.97E-04	5.03E-03	1.17E-03	5.03E-03	1.17E-03	3.81E-03	9.01E-04	4.10E-03	9.65E-04	3.85E-03	9.09E-04	3.81E-03	8.99E-04	3.83E-03	9.05E-04	3.82E-03	9.02E-04	3.79E-01	6.00E-02	2.29E+00	5.80E-01
1595	Gridded	3.77E-03	1.05E-03	3.75E-03	1.04E-03	4.04E-03	1.12E-03	4.04E-03	1.12E-03	2.48E-04	6.64E-05	3.76E-03	1.05E-03	4.89E-03	1.35E-03	4.89E-03	1.35E-03	3.77E-03	1.05E-03	4.04E-03	1.12E-03	3.80E-03	1.06E-03	3.77E-03	1.05E-03	3.79E-03	1.05E-03	3.78E-03	1.05E-03	2.89E-01	6.04E-02	2.23E+00	6.51E-01
1596	Gridded	3.68E-03	1.20E-03	3.66E-03	1.19E-03	3.97E-03	1.28E-03	3.97E-03	1.28E-03	2.73E-04	7.30E-05	3.67E-03	1.19E-03	4.91E-03	1.53E-03	4.91E-03	1.53E-03	3.68E-03	1.20E-03	3.97E-03	1.28E-03	3.72E-03	1.21E-03	3.68E-03	1.20E-03	3.70E-03	1.20E-03	3.68E-03	1.20E-03	3.01E-01	6.07E-02	2.24E+00	7.24E-01
1597	Gridded	3.78E-03	1.29E-03	3.77E-03	1.29E-03	4.03E-03	1.37E-03	4.03E-03	1.37E-03	2.69E-04	7.63E-05	3.77E-03	1.29E-03	4.91E-03	1.64E-03	4.91E-03	1.64E-03	3.79E-03	1.29E-03	4.03E-03	1.37E-03	3.82E-03	1.30E-03	3.78E-03	1.29E-03	3.80E-03	1.30E-03	3.79E-03	1.29E-03	2.91E-01	7.41E-02	2.29E+00	7.67E-01
1598	Gridded	4.44E-03	1.27E-03	4.42E-03	1.26E-03	4.76E-03	1.35E-03	4.76E-03	1.35E-03	3.28E-04	7.23E-05	4.42E-03	1.26E-03	5.79E-03	1.59E-03	5.79E-03	1.59E-03	4.44E-03	1.27E-03	4.76E-03	1.35E-03	4.48E-03	1.28E-03	4.43E-03	1.27E-03	4.46E-03	1.27E-03	4.44E-03	1.27E-03	3.34E-01	7.53E-02	2.66E+00	7.51E-01

Scenario 2 Results

1599	Gridded	4.76E-03	9.85E-04	4.73E-03	9.81E-04	5.14E-03	1.05E-03	5.14E-03	1.05E-03	3.62E-04	6.66E-05	4.73E-03	9.82E-04	6.39E-03	1.24E-03	6.39E-03	1.24E-03	4.76E-03	9.85E-04	5.14E-03	1.05E-03	4.80E-03	9.93E-04	4.75E-03	9.84E-04	4.78E-03	9.89E-04	4.76E-03	9.86E-04	4.09E-01	8.68E-02	2.83E+00	6.48E-01
1600	Gridded	4.62E-03	9.27E-04	4.60E-03	9.23E-04	5.02E-03	9.89E-04	5.02E-03	9.89E-04	3.79E-04	5.80E-05	4.60E-03	9.24E-04	6.33E-03	1.19E-03	6.33E-03	1.19E-03	4.62E-03	9.27E-04	5.02E-03	9.89E-04	4.67E-03	9.35E-04	4.61E-03	9.26E-04	4.65E-03	9.31E-04	4.63E-03	9.28E-04	3.58E-01	9.71E-02	2.79E+00	5.63E-01
1601	Gridded	5.81E-03	7.99E-04	5.79E-03	7.95E-04	6.12E-03	8.59E-04	6.12E-03	8.59E-04	3.64E-04	5.58E-05	5.79E-03	7.96E-04	7.11E-03	1.05E-03	7.11E-03	1.05E-03	5.81E-03	7.99E-04	6.12E-03	8.59E-04	5.85E-03	8.07E-04	5.80E-03	7.98E-04	5.83E-03	8.03E-04	5.81E-03	8.00E-04	3.57E-01	6.58E-02	3.29E+00	4.96E-01
1602	Gridded	4.46E-03	9.21E-04	4.43E-03	9.17E-04	4.79E-03	9.84E-04	4.79E-03	9.84E-04	4.38E-04	8.41E-05	4.44E-03	9.17E-04	6.00E-03	1.19E-03	6.00E-03	1.19E-03	4.46E-03	9.21E-04	4.79E-03	9.84E-04	4.50E-03	9.29E-04	4.45E-03	9.20E-04	4.48E-03	9.25E-04	4.46E-03	9.22E-04	3.82E-01	7.46E-02	2.64E+00	5.54E-01
1603	Gridded	4.94E-03	1.82E-03	4.92E-03	1.81E-03	5.30E-03	1.95E-03	5.30E-03	1.95E-03	4.96E-04	1.27E-04	4.92E-03	1.81E-03	6.46E-03	2.38E-03	6.46E-03	2.38E-03	4.94E-03	1.82E-03	5.30E-03	1.95E-03	4.98E-03	1.84E-03	4.93E-03	1.82E-03	4.96E-03	1.83E-03	4.94E-03	1.82E-03	4.06E-01	1.53E-01	2.99E+00	1.19E+00
1604	Gridded	6.22E-03	1.38E-03	6.19E-03	1.37E-03	6.68E-03	1.45E-03	6.68E-03	1.45E-03	4.51E-04	7.22E-05	6.20E-03	1.37E-03	8.16E-03	1.68E-03	8.16E-03	1.68E-03	6.22E-03	1.38E-03	6.68E-03	1.45E-03	6.28E-03	1.38E-03	6.21E-03	1.37E-03	6.25E-03	1.38E-03	6.23E-03	1.38E-03	4.77E-01	8.49E-02	3.61E+00	8.10E-01
1605	Gridded	8.28E-03	1.22E-03	8.26E-03	1.21E-03	8.62E-03	1.31E-03	8.62E-03	1.31E-03	4.01E-04	9.37E-05	8.26E-03	1.21E-03	9.73E-03	1.61E-03	9.73E-03	1.61E-03	8.28E-03	1.22E-03	8.62E-03	1.31E-03	8.32E-03	1.23E-03	8.27E-03	1.22E-03	8.30E-03	1.22E-03	8.29E-03	1.22E-03	3.70E-01	8.66E-02	4.59E+00	7.51E-01
1606	Gridded	9.89E-03	1.27E-03	9.84E-03	1.26E-03	1.05E-02	1.34E-03	1.05E-02	1.34E-03	6.10E-04	7.01E-05	9.85E-03	1.26E-03	1.26E-02	1.58E-03	1.26E-02	1.58E-03	9.89E-03	1.27E-03	1.05E-02	1.34E-03	9.97E-03	1.28E-03	9.87E-03	1.26E-03	9.92E-03	1.27E-03	9.89E-03	1.27E-03	3.66E-01	9.19E-02	5.71E+00	7.81E-01
1607	Gridded	1.03E-02	1.30E-03	1.03E-02	1.30E-03	1.09E-02	1.39E-03	1.09E-02	1.39E-03	5.23E-04	8.57E-05	1.03E-02	1.30E-03	1.27E-02	1.69E-03	1.27E-02	1.69E-03	1.03E-02	1.30E-03	1.09E-02	1.39E-03	1.04E-02	1.31E-03	1.03E-02	1.30E-03	1.03E-02	1.31E-03	1.03E-02	1.30E-03	4.08E-01	1.25E-01	5.96E+00	8.58E-01
1608	Gridded	7.50E-03	1.35E-03	7.48E-03	1.34E-03	7.88E-03	1.46E-03	7.88E-03	1.46E-03	5.12E-04	1.06E-04	7.48E-03	1.34E-03	9.59E-03	1.83E-03	9.59E-03	1.83E-03	7.51E-03	1.35E-03	7.88E-03	1.46E-03	7.55E-03	1.36E-03	7.50E-03	1.34E-03	7.53E-03	1.35E-03	7.51E-03	1.35E-03	4.89E-01	1.23E-01	4.27E+00	8.51E-01
1609	Gridded	8.46E-03	1.00E-03	8.44E-03	1.00E-03	8.85E-03	1.08E-03	8.85E-03	1.08E-03	4.63E-04	8.00E-05	8.44E-03	1.00E-03	1.01E-02	1.31E-03	1.01E-02	1.31E-03	8.46E-03	1.01E-03	8.85E-03	1.08E-03	8.51E-03	1.01E-03	8.46E-03	1.00E-03	8.49E-03	1.01E-03	8.47E-03	1.01E-03	3.86E-01	9.15E-02	4.78E+00	6.28E-01
1610	Gridded	9.77E-03	6.19E-04	9.74E-03	6.17E-04	1.03E-02	6.49E-04	1.03E-02	6.49E-04	5.27E-04	4.21E-05	9.74E-03	6.17E-04	1.22E-02	7.65E-04	1.22E-02	7.65E-04	9.78E-03	6.19E-04	1.03E-02	6.49E-04	9.84E-03	6.23E-04	9.76E-03	6.18E-04	9.81E-03	6.21E-04	9.78E-03	6.19E-04	3.63E-01	5.89E-02	5.64E+00	4.15E-01
1611	Gridded	1.24E-02	1.08E-03	1.24E-02	1.08E-03	1.32E-02	1.15E-03	1.32E-02	1.15E-03	7.27E-04	6.68E-05	1.24E-02	1.08E-03	1.57E-02	1.38E-03	1.57E-02	1.38E-03	1.24E-02	1.08E-03	1.32E-02	1.15E-03	1.25E-02	1.09E-03	1.24E-02	1.08E-03	1.24E-02	1.09E-03	1.24E-02	1.08E-03	4.72E-01	6.75E-02	7.11E+00	6.64E-01
1612	Gridded	1.01E-02	9.46E-04	1.01E-02	9.42E-04	1.07E-02	9.96E-04	1.07E-02	9.96E-04	5.17E-04	5.27E-05	1.01E-02	9.43E-04	1.24E-02	1.16E-03	1.24E-02	1.16E-03	1.01E-02	9.46E-04	1.07E-02	9.96E-04	1.02E-02	9.52E-04	1.01E-02	9.45E-04	1.01E-02	9.49E-04	1.01E-02	9.46E-04	5.44E-01	8.07E-02	5.68E+00	6.19E-01
1613	Gridded	7.36E-03	6.48E-04	7.34E-03	6.45E-04	7.78E-03	7.04E-04	7.78E-03	7.04E-04	3.91E-04	5.29E-05	7.34E-03	6.45E-04	9.13E-03	8.87E-04	9.13E-03	8.87E-04	7.37E-03	6.48E-04	7.78E-03	7.04E-04	7.42E-03	6.55E-04	7.36E-03	6.47E-04	7.39E-03	6.52E-04	7.37E-03	6.49E-04	5.47E-01	5.08E-02	4.14E+00	4.08E-01
1614	Gridded	6.55E-03	1.28E-03	6.53E-03	1.27E-03	6.92E-03	1.36E-03	6.92E-03	1.36E-03	3.42E-04	8.16E-05	6.53E-03	1.27E-03	8.09E-03	1.64E-03	8.09E-03	1.64E-03	6.55E-03	1.28E-03	6.92E-03	1.36E-03	6.60E-03	1.29E-03	6.54E-03	1.27E-03	6.57E-03	1.28E-03	6.56E-03	1.28E-03	4.07E-01	5.48E-02	3.86E+00	7.44E-01
1615	Gridded	4.90E-03	1.00E-03	4.88E-03	9.99E-04	5.17E-03	1.06E-03	5.17E-03	1.06E-03	2.59E-04	6.20E-05	4.88E-03	9.99E-04	6.07E-03	1.27E-03	6.07E-03	1.27E-03	4.90E-03	1.00E-03	5.17E-03	1.06E-03	4.93E-03	1.01E-03	4.89E-03	1.00E-03	4.91E-03	1.01E-03	4.90E-03	1.00E-03	2.53E-01	6.58E-02	2.75E+00	6.36E-01
1616	Gridded	4.50E-03	1.00E-03	4.49E-03	9.97E-04	4.75E-03	1.07E-03	4.75E-03	1.07E-03	2.70E-04	6.59E-05	4.49E-03	9.98E-04	5.57E-03	1.30E-03	5.57E-03	1.30E-03	4.50E-03	1.00E-03	4.75E-03	1.07E-03	4.53E-03	1.01E-03	4.50E-03	1.00E-03	4.52E-03	1.01E-03	4.51E-03	1.00E-03	3.93E-01	4.91E-02	2.82E+00	6.05E-01
1617	Gridded	5.20E-03	7.76E-04	5.18E-03	7.72E-04	5.48E-03	8.28E-04	5.48E-03	8.28E-04	2.76E-04	4.94E-05	5.18E-03	7.73E-04	6.40E-03	9.98E-04	6.40E-03	9.98E-04	5.20E-03	7.76E-04	5.48E-03	8.28E-04	5.23E-03	7.82E-04	5.19E-03	7.75E-04	5.21E-03	7.79E-04	5.20E-03	7.76E-04	3.48E-01	4.50E-02	3.19E+00	4.88E-01
1618	Gridded	5.75E-03	5.33E-04	5.73E-03	5.31E-04	6.05E-03	5.72E-04	6.05E-03	5.72E-04	2.80E-04	3.65E-05	5.74E-03	5.31E-04	7.00E-03	6.98E-04	7.00E-03	6.98E-04	5.76E-03	5.33E-04	6.05E-03	5.72E-04	5.79E-03	5.38E-04	5.75E-03	5.32E-04	5.77E-03	5.36E-04	5.76E-03	5.34E-04	2.82E-01	3.02E-02	3.35E+00	2.98E-01
1619	Gridded	5.72E-03	4.85E-04	5.70E-03	4.83E-04	6.01E-03	5.27E-04	6.01E-03	5.27E-04	2.82E-04	3.88E-05	5.70E-03	4.83E-04	6.93E-03	6.60E-04	6.93E-03	6.60E-04	5.72E-03	4.86E-04	6.01E-03	5.27E-04	5.76E-03	4.91E-04	5.71E-03	4.85E-04	5.74E-03	4.88E-04	5.72E-03	4.86E-04	2.58E-01	3.35E-02	3.32E+00	2.91E-01
1620	Gridded	5.51E-03	4.53E-04	5.50E-03	4.51E-04	5.79E-03	4.78E-04	5.79E-03	4.78E-04	2.76E-04	2.79E-05	5.50E-03	4.51E-04	6.67E-03	5.59E-04	6.67E-03	5.59E-04	5.52E-03	4.53E-04	5.79E-03	4.78E-04	5.55E-03	4.56E-04	5.51E-03	4.52E-04	5.53E-03	4.54E-04	5.52E-03	4.53E-04	2.84E-01	3.31E-02	3.20E+00	2.64E-01
1621	Gridded	5.24E-03	4.62E-04	5.23E-03	4.60E-04	5.49E-03	4.90E-04	5.49E-03	4.90E-04	2.65E-04	2.62E-05	5.23E-03	4.60E-04	6.36E-03	5.80E-04	6.36E-03	5.80E-04	5.24E-03	4.62E-04	5.49E-03	4.90E-04	5.27E-03	4.65E-04	5.24E-03	4.61E-04	5.26E-03	4.63E-04	5.25E-03	4.62E-04	2.81E-01	3.53E-02	3.02E+00	2.61E-01
1622	Gridded	4.91E-03	5.95E-04	4.90E-03	5.93E-04	5.13E-03	6.30E-04	5.13E-03	6.30E-04	2.50E-04	3.24E-05	4.90E-03	5.93E-04	5.98E-03	7.42E-04	5.98E-03	7.42E-04	4.91E-03	5.95E-04	5.13E-03	6.30E-04	4.94E-03	6.00E-04	4.91E-03	5.95E-04	4.93E-03	5.97E-04	4.92E-03	5.96E-04	3.40E-01	3.55E-02	2.81E+00	3.36E-01
1623	Gridded	4.52E-03	7.15E-04	4.49E-03	7.12E-04	4.95E-03	7.54E-04	4.95E-03	7.54E-04	4.07E-04	3.74E-05	4.49E-03	7.12E-04	6.36E-03	8.83E-04	6.36E-03	8.83E-04	4.52E-03	7.15E-04	4.95E-03	7.54E-04	4.57E-03	7.19E-04	4.51E-03	7.14E-04	4.54E-03	7.17E-04	4.52E-03	7.15E-04	3.45E-01	3.54E-02	2.58E+00	4.04E-01
1624	Gridded	4.08E-03	6.55E-04	4.07E-03	6.53E-04	4.31E-03	6.90E-04	4.31E-03	6.90E-04	2.17E-04	3.33E-05	4.07E-03	6.53E-04	5.02E-03	8.05E-04	5.02E-03	8.05E-04	4.08E-03	6.55E-04	4.31E-03	6.90E-04	4.11E-03	6.59E-04	4.08E-03	6.54E-04	4.10E-03	6.57E-04	4.09E-03	6.55E-04	1.80E-01	2.61E-02	2.32E+00	3.74E-01
1625	Gridded	3.63E-03	6.00E-04	3.62E-03	5.98E-04	3.83E-03	6.32E-04	3.83E-03	6.32E-04	2.13E-04	2.98E-05	3.62E-03	5.98E-04	4.46E-03	7.34E-04	4.46E-03	7.34E-04	3.64E-03	6.00E-04	3.83E-03	6.32E-04	3.66E-03	6.04E-04	3.63E-03	5.99E-04	3.65E-03	6.02E-04	3.64E-03	6.00E-04	1.64E-01	2.24E-02	2.05E+00	3.47E-01
1626	Gridded	3.37E-03	5.63E-04	3.36E-03	5.61E-04	3.59E-03	5.92E-04	3.59E-03	5.92E-04	2.09E-04	2.74E-05	3.36E-03	5.61E-04	4.31E-03	6.86E-04	4.31E-03	6.86E-04	3.37E-03	5.63E-04	3.59E-03	5.92E-04	3.40E-03	5.66E-04	3.37E-03	5.62E-04	3.38E-03	5.64E-04	3.37E-03	5.63E-04	1.67E-01	2.33E-02	1.92E+00	3.31E-01
1627	Gridded	3.20E-03	4.93E-04	3.18E-03	4.92E-04	3.41E-03	5.19E-04	3.41E-03	5.19E-04	2.02E-04	2.37E-05	3.18E-03	4.92E-04	4.11E-03	6.00E-04	4.11E-03	6.00E-04	3.20E-03	4.94E-04	3.41E-03	5.19E-04	3.22E-03	4.97E-04	3.19E-03	4.93E-04	3.21E-03	4.95E-04	3.20E-03	4.94E-04	1.66E-01	2.60E-02	1.82E+00	2.95E-01
1628	Gridded	3.02E-03	4.37E-04	3.01E-03	4.36E-04	3.20E-03	4.60E-04	3.20E-03	4.60E-04	1.93E-04	2.33E-05	3.01E-03	4.36E-04	3.87E-03	5.32E-04	3.87E-03	5.32E-04	3.02E-03	4.37E-04	3.20E-03	4.60E-04	3.04E-03	4.40E-04	3.01E-03	4.37E-04	3.03E-03	4.39E-04	3.02E-03	4.38E-04	1.76E-01	3.03E-02	1.71E+00	2.66E-01
1629	Gridded	3.03E-03	3.96E-04	3.02E-03	3.94E-04	3.18E-03	4.20E-04	3.18E-03	4.20E-04	2.62E-04	3.06E-05	3.02E-03	3.94E-04	3.81E-03	5.20E-04	3.81E-03	5.20E-04	3.03E-03	3.96E-04	3.18E-03	4.20E-04	3.05E-03	3.99E-04	3.03E-03	3.95E-04	3.04E-03	3.97E-04	3.03E-03	3.96E-04	2.54E-01	3.87E-02	1.77E+00	2.67E-01
1630	Gridded	2.86E-03	3.27E-04	2.85E-03	3.25E-04	3.00E-03	3.50E-04	3.00E-03	3.50E-04	1.87E-04	2.23E-05	2.85E-03	3.25E-04	3.48E-03	4.27E-04	3.48E-03	4.27E-04	2.86E-03	3.27E-04	3.00E-03	3.50E-04	2.87E-03	3.29E-04	2.85E-03	3.26E-04	2.86E-03	3.28E-04	2.86E-03	3.27E-04	2.52E-01	3.26E-02	1.61E+00	1.97E-01
1631	Gridded	2.72E-03	3.00E-04	2.71E-03	2.98E-04	2.86E-03	3.18E-04	2.86E-03	3.18E-04	1.52E-04	2.10E-05	2.71E-03	2.99E-04	3.33E-03	3.77E-04	3.33E-03	3.77E-04	2.72E-03	3.00E-04	2.86E-03	3.18E-04	2.74E-03	3.02E-04	2.72E-03	2.99E-04	2.73E-03	3.01E-04	2.72E-03	3.00E-04	2.58E-01	2.89E-02	1.54E+00	1.73E-01
1632	Gridded	2.64E-03	3.02E-04	2.63E-03	3.01E-04	2.79E-03	3.21E-04	2.79E-03	3.21E-04	1.60E-04	2.50E-05	2.63E-03	3.01E-04	3.26E-03	4.02E-04	3.26E-03	4.02E-04	2.64E-03	3.02E-04	2.79E-03	3.21E-04	2.66E-03	3.05E-04	2.64E-03	3.02E-04	2.65E-03	3.03E-04	2.64E-03	3.03E-04	3.11E-01	3.11E-02	1.49E+00	1.75E-01
1633	Gridded	6.39E-03	5.14E-04	6.38E-03	5.11E-04	6.55E-03	5.51E-04	6.55E-03	5.51E-04	3.53E-04	3.54E-05	6.38E-03	5.12E-04	7.07E-03	6.73E-04	7.07E-03	6.73E-04	6.39E-03	5.14E-04	6.55E-03	5.51E-04	6.41E-03	5.18E-04	6.39E-03	5.13E-04	6.40E-03	5.16E-04	6.39E-03	5.14E-04	2.97E-01	5.78E-02	3.45E+00	3.02E-01
1634	Gridded	4.89E-03	4.71E-04	4.88E-03	4.69E-04	5.13E-03	5.03E-04	5.13E-03	5.03E-04	2.50E-04	3.11E-05	4.88E-03	4.70E-04	5.89E-03	6.05E-04	5.89E-03	6.05E-04	4.89E-03	4.71E-04	5.13E-03	5.03E-04	4.92E-03	4.75E-04	4.89E-03	4.71E-04	4.91E-03	4.73E-04	4.90E-03	4.72E-04	3.05E-01	5.69E-02	2.61E+00	2.80E-01
1635	Gridded	4.18E-03	4.94E-04	4.16E-03	4.91E-04	4.44E-03	5.28E-04	4.44E-03	5.28E-04	2.49E-04	3.20E-05	4.16E-03	4.92E-04	5.30E-03	6.38E-04	5.30E-03	6.38E-04	4.18E-03	4.94E-04	4.44E-03	5.28E-04	4.21E-03	4.98E-04	4.17E-03	4.93E-04	4.20E-03	4.96E-04	4.18E-03	4.94E-04	2.91E-01	5.14E-02	2.23E+00	2.99E-01
1636	Gridded	5.73E-03	5.71E-04	5.73E-03	5.69E-04	5.76E-03	6.11E-04	5.76E-03	6.11E-04	3.14E-04	3.75E-05	5.73E-03	5.69E-04	5.84E-03	7.41E-04	5.84E-03	7.41E-04	5.73E-03	5.72E-04	5.76E-03	6.11E-04	5.73E-03	5.76E-04	5.73E-03	5.71E-04	5.73E-03	5.74E-04	5.73E-03	5.72E-04	3.10E-01	4.89E-02	3.05E+00	3.51E-01
1637	Gridded	6.25E-03	6.04E-04	6.25E-03	6.02E-04	6.28E-03	6.47E-04	6.28E-03	6.47E-04	2.86E-04	4.01E-05	6.25E-03	6.02E-04	6.39E-03	7.85E-04	6.39E-03	7.85E-04	6.25E-03	6.05E-04	6.28E-03	6.47E-04	6.25E-03	6.10E-04	6.25E-03	6.04E-04	6.25E-03	6.07E-04	6.25E-03	6.05E-04	2.90E-01	4.30E-02	3.36E+00	3.77E-01
1638	Gridded	3.79E-03	6.19E-04	3.79E-03	6.16E-04	3.82E-03	6.63E-04	3.82E-03	6.63E-04	2.07E-04	4.11E-05	3.79E-03	6.17E-04	3.94E-03	8.05E-04	3.94E-03	8.05E-04	3.79E-03	6.19E-04	3.82E-03	6.63E-04	3.79E-03	6.24E-04	3.79E-03	6.18E-04	3.79E-03	6.22E-04	3.79E-03	6.20E-04	2.62E-01	3.87E-02	2.11E+00	3.92E-01
1639	Gridded	2.53E-03	5.80E-04	2.52E-03	5.77E-04	2.68E-03	6.20E-04	2.68E-03	6.20E-04	1.54E-04	3.81E-05	2.52E-03	5.77E-04	3.19E-03	7.52E-04	3.19E-03	7.52E-04	2.53E-03	5.80E-04	2.68E-03	6.20E-04	2.55E-03	5.85E-04	2.53E-03	5.79E-04	2.54E-03	5.82E-04	2.53E-03	5.80E-04	2.36E-01	3.62E-02	1.49E+00	3.72E-01
1640	Gridded	2.58E-03	5.77E-04	2.57E-03	5.74E-04	2.73E-03	6.16E-04	2.73E-03	6.16E-04	1.69E-04	3.69E-05	2.57E-03	5.75E-04	3.30E-03	7.43E-04	3.30E-03	7.43E-04	2.58E-03	5.77E-04	2.73E-03	6.16E-04	2.60E-03	5.82E-04	2.57E-03	5.76E-04	2.59E-03	5.79E-04	2.58E-03	5.77E-04	2.36E-01	3.85E-02	1.51E+00	3.71E-01
1641	Gridded	2.88E-03	5.58E-04	2.87E-03	5.56E-04	3.07E-03	5.95E-04	3.07E-03	5.95E-04	1.85E-04	3.80E-05	2.87E-03	5.56E-04	3.71E-03	7.13E-04	3.71E-03	7.13E-04	2.88E-03	5.58E-04	3.07E-03	5.95E-04	2.90E-03	5.63E-04	2.87E-03	5.58E-04	2.89E-03	5.61E-04	2.88E-03	5.59E-04	2.43E-01	3.80E-02	1.70E+00	3.56E-01
1642	Gridded	3.37E-03	6.82E-04	3.37E-03	6.79E-04	3.40E-03	7.31E-04	3.40E-03	7.31E-04	2.07E-04	4.57E-05	3.37E-03	6.80E-04	3.90E-03	8.88E-04	3.90E-03	8.88E-04	3.37E-03	6.82E-04	3.40E-03	7.31E-04	3.38E-03	6.88E-04	3.37E-03	6.81E-04	3.37E-03	6.85E-04	3.37E-03	6.83E-04	3.17E-01	4.54E-02	1.81E+00	4.43E-01
1643	Gridded	4.03E-03	8.79E-04	4.02E-03	8.75E-04	4.22E-03	9.42E-04	4.22E-03	9.42E-04	2.45E-04	5.93E-05	4.02E-03	8.76E-04	4.84E-03	1.15E-03	4.84E-03	1.15E-03	4.03E-03	8.79E-04	4.22E-03	9.42E-04	4.05E-03	8.87E-04	4.02E-03	8.78E-04	4.04E-03	8.83E-04	4.03E-03	8.80E-04	3.51E-01	5.28E-02	2.16E+00	5.47E-01
1644	Gridded	4.79E-03	1.07E-03	4.78E-03	1.06E-03	4.89E-03	1.15E-03	4.89E-03	1.15E-03	2.78E-04	7.37E-05	4.78E-03	1.06E-03	5.22E-03	1.40E-03	5.22E-03	1.40E-03	4.79E-03	1.07E-03	4.89E-03	1.15E-03	4.80E-03	1.08E-03	4.79E-03	1.07E-03	4.79E-03	1.07E-03	4.79E-03	1.07E-03	3.78E-01	5.37E-02	2.89E+00	6.50E-01
1645	Gridded	3.52E-03	1.10E-03	3.52E-03	1.09E-03	3.77E-03	1.16E-03	3.77E-03	1.16E-03	2.40E-04	6.68E-05	3.52E-03	1.09E-03	4.60E-03	1.39E-03	4.60E-03	1.39E-03	3.52E-03	1.10E-03	3.77E-03	1.16E-03	3.54E-03	1.10E-03	3.52E-03	1.09E-03	3.53E-03	1.10E-03	3.52E-03	1.10E-03	3.61E-01	5.58E-02	2.68E+00	6.57E-01
1646	Gridded	3.47E-03	1.15E-03	3.46E-03	1.15E-03	3.70E-03	1.22E-03	3.70E-03	1.22E-03	2.22E-04	6.71E-05	3.46E-03	1.15E-03	4.44E-03	1.45E-03	4.44E-03	1.45E-03	3.48E-03	1.15E-03	3.70E-03	1.22E-03	3.50E-03	1.16E-03	3.47E-03	1.15E-03	3.49E-03	1.15E-03	3.48E-03	1.15E-03	2.91E-01	6.43E-02	2.09E+00	6.78E-01
1647	Gridded	3.69E-03	1.07E-03	3.67E-03	1.07E-03	3.95E-03	1.14E-03	3.95E-03	1.14E-03	2.51E-04	6.10E-05	3.67E-03	1.07E-03	4.82E-03	1.35E-03	4.82E-03	1.35E-03	3.69E-03	1.07E-03	3.95E-03	1.14E-03	3.72E-03	1.08E-03	3.68E-03	1.07E-03	3.70E-03	1.07E-03	3.69E-03	1.07E-03	2.61E-01	6.15E-02	2.21E+00	6.27E-01
1648	Gridded	3.47E-03	8.02E-04	3.45E-03	7.98E-04	3.71E-03	8.49E-04	3.71E-03	8.49E-04	2.68E-04	4.98E-05	3.45E-03	7.99E-04	4.58E-03	1.01E-03	4.58E-03	1.01E-03	3.47E-03	8.02E-04	3.71E-03	8.49E-04	3.50E-03	8.07E-04	3.46E-03	8.00E-04	3.48E-03	8.04E-04	3.47E-03	8.02E-04	2.24E-01	4.57E-02	2.04E+00	4.77E-01
1649	Gridded	3.72E-03	7.30E-04	3.71E-03	7.27E-04	3.98E-03	7.79E-04	3.98E-03	7.79E-04	2.75E-04	4.57E-05	3.71E-03	7.28E-04	4.82E-03	9.36E-04	4.82E-03	9.36E-04	3.73E-03	7.30E-04	3.98E-03	7.79E-04	3.76E-03	7.36E-04	3.72E-03	7.29E-04	3.74E-03	7.33E-04	3.73E-03	7.31E-04	2.84E-01	7.00E-02	2.19E+00	4.32E-01
1650	Gridded	4.18E-03	7.88E-04	4.16E-03	7.85E-04	4.51E-03	8.41E-04	4.51E-03	8.41E-04	3.15E-04	4.97E-05	4.16E-03	7.85E-04	5.59E-03	1.01E-03	5.59E-03	1.01E-03	4.18E-03	7.88E-04	4.51E-03	8.41E-04	4.21E-03	7.95E-04	4.17E-03	7.87E-04	4.19E-03	7.91E-04	4.18E-03	7.89E-04	3.07E-01	8.36E-02	2.50E+00	4.86E-01
1651	Gridded	5.56E-03	8.33E-04	5.54E-03	8.29E-04	5.87E-03	8.93E-04	5.87E-03	8.93E-04	3.52E-04	5.61E-05	5.54E-03	8.30E-04	6.87E-03	1.09E-03	6.87E-03	1.09E-03	5.56E-03	8.33E-04	5.87E-03	8.93E-04	5.60E-03	8.40E-04	5.55E-03	8.32E-04	5.58E-03	8.37E-04	5.56E-03	8.34E-04	3.12E-01	6.84E-02	3.17E+00	5.04E-01
1652	Gridded	4.96E-03	8.35E-04	4.95E-03	8.32E-04	5.13E-03	8.93E-04	5.13E-03	8.93E-04	3.92E-04	7.77E-05	4.95E-03	8.32E-04	5.96E-03	1.08E-03	5.96E-03	1.08E-03	4.96E-03	8.36E-04	5.13E-03	8.93E-04	4.98E-03	8.43E-04	4.95E-03	8.34E-04	4.97E-03	8.39E-04	4.96E-03	8.36E-04	3.48E-01	8.52E-02	2.75E+00	4.89E-01
1653	Gridded	4.55E-03	1.75E-03	4.53E-03	1.74E-03	4.88E-03	1.88E-03	4.88E-03	1.88E-03	4.09E-04	1.28E-04	4.53E-03	1.74E-03	6.22E-03	2.32E-03	6.22E-03	2.32E-03	4.55E-03	1.75E-03	4.88E-03	1.88E-03	4.59E-03	1.76E-03	4.54E-03	1.74E-03	4.57E-03	1.75E-03	4.55E-03	1.75E-03	3.60E-01	1.29E-01	2.76E+00	1.15E+00
1654	Gridded	4.94E-03	1.66E-03	4.91E-03	1.66E-03	5.34E-03	1.77E-03	5.34E-03	1.77E-03	4.18E-04	9.77E-05	4.91E-03	1.66E-03	6.67E-03	2.11E-03	6.67E-03	2.11E-03	4.94E-03	1.66E-03	5.34E-03	1.77E-03	4.99E-03	1.68E-03	4.93E-03	1.66E-03	4.96E-03	1.67E-03	4.94E-03	1.67E-03	3.93E-01	9.58E-02	2.97E+00	9.90E-01
1655	Gridded	7.16E-03	1.01E-03	7.13E-03	1.01E-03	7.60E-03	1.07E-03	7.60E-03	1.07E-03	4.15E-04	7.50E-05	7.13E-03	1.01E-03	9.03E-03	1.28E-03	9.03E-03	1.28E-03	7.16E-03	1.01E-03	7.60E-03	1.07E-03	7.21E-03	1.02E-03	7.15E-03	1.01E-03	7.19E-03	1.01E-03	7.16E-03	1.01E-03	4.04E-01	7.49E-02	4.05E+00	6.25E-01
1656	Gridded	6.51E-03	1.30E-03	6.49E-03	1.30E-03	6.75E-03	1.39E-03	6.75E-03	1.39E-03	3.46E-04	7.86E-05	6.49E-03	1.30E-03	7.54E-03	1.66E-03	7.54E-03	1.66E-03	6.51E-03	1.30E-03	6.75E-03	1.39E-03	6.54E-03	1.31E-03	6.50E-03	1.30E-03	6.52E-03	1.31E-03	6.51E-03	1.30E-03	3.35E-01	9.24E-02	3.60E+00	8.30E-01
1657	Gridded	9.87E-03	1.07E-03	9.83E-03	1.06E-03	1.05E-02	1.13E-03	1.05E-02	1.13E-03	5.67E-04	6.01E-05	9.84E-03	1.07E-03	1.24E-02	1.31E-03	1.24E-02	1.31E-03	9.88E-03	1.07E-03	1.05E-02	1.13E-03	9.95E-03	1.08E-03	9.86E-03	1.07E-03	9.91E-03	1.07E-03	9.88E-03	1.07E-03	3.21E-01	7.70E-02	5.67E+00	6.53E-01
1658	Gridded	8.50E-03	1.24E-03	8.46E-03	1.24E-03	9.00E-03	1.33E-03	9.00E-03	1.33E-03	4.68E-04	7.94E-05	8.47E-03	1.24E-03	1.06E-02	1.60E-03	1.06E-02	1.60E-03	8.50E-03	1.24E-03	9.00E-03	1.33E-03	8.56E-03	1.25E-03	8.49E-03	1.24E-03	8.53E-03	1.25E-03	8.50E-03	1.25E-03	3.76E-01	1.04E-01	4.94E+00	8.06E-01
1659	Gridded	7.50E-03	1.17E-03	7.48E-03	1.16E-03	7.88E-03	1.21E-03	7.88E-03	1.21E-03	4.21E-04	9.28E-05	7.48E-03	1.16E-03	9.08E-03	1.53E-03	9.08E-03	1.53E-03	7.51E-03	1.17E-03	7.88E-03	1.21E-03	7.55E-03	1.17E-03	7.50E-03	1.16E-03	7.53E-03	1.17E-03	7.51E-03	1.17E-03	3.77E-01	1.13E-01	4.24E+00	7.70E-01
1660	Gridded	8.45E-03	8.94E-04	8.42E-03	8.90E-04	8.89E-03	9.44E-04	8.89E-03	9.44E-04	4.19E-04	7.41E-05	8.42E-03	8.91E-04	1.03E-02	1.11E-03	1.03E-02	1.11E-03	8.45E-03	8.94E-04	8.89E-03	9.44E-04	8.50E-03	9.00E-04	8.44E-03	8.93E-04	8.47E-03	8.97E-04	8.45E-03	8.94E-04	3.58E-01	5.99E-02	4.78E+00	5.55E-01
1661	Gridded	8.14E-03	8.39E-04	8.11E-03	8.36E-04	8.58E-03	8.89E-04	8.58E-03	8.89E-04	4.18E-04	4.66E-05	8.11E-03	8.36E-04	1.00E-02	1.05E-03	1.00E-02	1.05E-03	8.14E-03	8.39E-04	8.58E-03	8.89E-04	8.19E-03	8.45E-04	8.13E-03	8.38E-04	8.16E-03	8.42E-04	8.14E-03	8.40E-04	4.59E-01	7.43E-02	4.61E+00	5.45E-01
1662	Gridded	8.10E-03	7.21E-04	8.07E-03	7.17E-04	8.55E-03	7.75E-04	8.55E-03	7.75E-04	5.34E-04	5.15E-05	8.07E-03	7.18E-04	1.00E-02	9.53E-04	1.00E-02	9.53E-04	8.10E-03	7.21E-04	8.55E-03	7.75E-04	8.15E-03	7.27E-04	8.09E-03	7.19E-04	8.12E-03	7.24E-04	8.10E-03	7.21E-04	3.70E-01	6.11E-02	4.67E+00	4.27E-01
1663	Gridded	1.22E-02	1.07E-03	1.22E-02	1.07E-03	1.29E-02	1.14E-03	1.29E-02	1.14E-03	6.44E-04	6.35E-05	1.22E-02	1.07E-03	1.51E-02	1.36E-03	1.51E-02	1.36E-03	1.22E-02	1.07E-03	1.29E-02	1.14E-03	1.23E-02	1.08E-03	1.22E-02	1.07E-03	1.22E-02	1.08E-03	1.22E-02	1.08E-03	5.26E-01	6.31E-02	6.97E+00	6.61E-01
1664	Gridded	8.14E-03	8.30E-04	8.12E-03	8.27E-04	8.51E-03	8.74E-04	8.51E-03	8.74E-04	3.99E-04	4.18E-05	8.12E-03	8.27E-04	9.69E-03	1.02E-03	9.69E-03	1.02E-03	8.15E-03	8.30E-04	8.51E-03	8.74E-04	8.19E-03	8.35E-04	8.14E-03	8.29E-04	8.17E-03	8.32E-04	8.15E-03	8.30E-04	4.62E-01	6.41E-02	4.85E+00	5.38E-01
1665	Gridded	6.31E-03	6.43E-04	6.29E-03	6.40E-04	6.65E-03	6.95E-04	6.65E-03	6.95E-04	3.53E-04	4.82E-05	6.29E-03	6.41E-04	7.78E-03	8.61E-04	7.78E-03	8.61E-04	6.31E-03	6.43E-04	6.65E-03	6.95E-04	6.35E-03	6.50E-04	6.30E-03	6.42E-04	6.33E-03	6.46E-04	6.31E-03	6.44E-04	3.80E-01	4.27E-02	3.52E+00	4.07E-01
1666	Gridded	6.49E-03	9.83E-04	6.47E-03	9.78E-04	6.86E-03	1.05E-03	6.86E-03	1.05E-03	3.40E-04	6.36E-05	6.47E-03	9.79E-04	8.03E-03	1.27E-03	8.03E-03	1.27E-03	6.50E-03	9.83E-04	6.86E-03	1.05E-03	6.54E-03	9.91E-04	6.49E-03	9.81E-04	6.52E-03	9.87E-04	6.50E-03	9.84E-04	2.93E-01	4.33E-02	3.78E+00	5.66E-01
1667	Gridded	4.77E-03	9.77E-04	4.75E-03	9.73E-04	5.04E-03	1.04E-03	5.04E-03	1.04E-03	2.69E-04	5.74E-05	4.75E-03	9.74E-04	5.92E-03	1.24E-03	5.92E-03	1.24E-03	4.77E-03	9.77E-04	5.04E-03	1.04E-03	4.80E-03	9.85E-04	4.76E-03	9.76E-04	4.78E-03	9.81E-04	4.77E-03	9.78E-04	2.55E-01	5.14E-02	2.66E+00	5.97E-01
1668	Gridded	4.03E-03	9.25E-04	4.02E-03	9.21E-04	4.26E-03	9.90E-04	4.26E-03	9.90E-04	2.82E-04	6.07E-05	4.02E-03	9.21E-04	5.01E-03	1.20E-03	5.01E-03	1.20E-03	4.04E-03	9.25E-04	4.26E-03	9.90E-04	4.06E-03	9.33E-04	4.03E-03	9.24E-04	4.05E-03	9.29E-04	4.04E-03	9.26E-04	2.60E-01	4.33E-02	2.24E+00	5.45E-01
1669	Gridded	4.97E-03	9.32E-04	4.95E-03	9.28E-04	5.28E-03	9.93E-04	5.28E-03	9.93E-04	2.94E-04	5.78E-05	4.95E-03	9.29E-04	6.29E-03	1.19E-03	6.29E-03	1.19E-03	4.97E-03	9.32E-04	5.28E-03	9.93E-04	5.01E-03	9.40E-04	4.96E-03	9.31E-04	4.99E-03	9.36E-04	4.97E-03	9.33E-04	3.32E-01	4.23E-02	2.66E+00	5.64E-01
1670	Gridded	5.58E-03	6.59E-04	5.55E-03	6.56E-04	5.89E-03	7.01E-04	5.89E-03	7.01E-04	2.93E-04	4.04E-05	5.56E-03	6.56E-04	6.90E-03	8.41E-04	6.90E-03	8.41E-04	5.58E-03	6.59E-04	5.89E-03	7.01E-04	5.61E-03	6.64E-04	5.57E-03	6.58E-04	5.59E-03	6.61E-04	5.58E-03	6.59E-04	2.88E-01	3.43E-02	2.98E+00	4.10E-01
1671	Gridded	5.57E-03	5.65E-04	5.55E-03	5.63E-04	5.88E-03	6.04E-04	5.88E-03	6.04E-04	2.85E-04	3.62E-05	5.56E-03	5.63E-04	6.86E-03	7.29E-04	6.86E-03	7.29E-04	5.57E-03	5.66E-04	5.88E-03	6.04E-04	5.61E-03	5.70E-04	5.57E-03	5.65E-04	5.59E-03	5.68E-04	5.58E-03	5.66E-04	2.70E-01	2.61E-02	2.97E+00	3.14E-01
1672	Gridded	5.44E-03	5.65E-04	5.42E-03	5.62E-04	5.73E-03	6.09E-04	5.73E-03	6.09E-04	2.67E-04	4.14E-05	5.43E-03	5.62E-04	6.65E-03	7.52E-04	6.65E-03	7.52E-04	5.44E-03	5.65E-04	5.73E-03	6.09E-04	5.48E-03	5.70E-04	5.43E-03	5.64E-04	5.46E-03	5.67E-04	5.44E-03	5.65E-04	2.39E-01	3.67E-02	2.90E+00	3.29E-01
1673	Gridded	5.21E-03	4.44E-04	5.20E-03	4.42E-04	5.47E-03	4.83E-04	5.47E-03	4.83E-04	2.65E-04	3.65E-05	5.20E-03	4.42E-04	6.30E-03	6.09E-04	6.30E-03	6.09E-04	5.22E-03	4.44E-04	5.47E-03	4.83E-04	5.25E-03	4.49E-04	5.21E-03	4.43E-04	5.23E-03	4.46E-04	5.22E-03	4.45E-04	3.23E-01	4.00E-02	2.77E+00	2.85E-01
1674	Gridded	4.89E-03	3.79E-04	4.87E-03	3.78E-04	5.10E-03	3.96E-04	5.10E-03	3.96E-04	2.27E-04	2.39E-05	4.87E-03	3.79E-04	5.81E-03	4.49E-04	5.81E-03	4.49E-04	4.89E-03	3.80E-04	5.10E-03	3.96E-04	4.91E-03	3.81E-04	4.88E-03	3.79E-04	4.90E-03	3.80E-04	4.89E-03	3.80E-04	2.76E-01	3.34E-02	2.59E+00	2.15E-01
1675	Gridded	4.43E-03	4.37E-04	4.42E-03	4.36E-04	4.60E-03	4.64E-04	4.60E-03	4.64E-04	2.03E-04	2.49E-05	4.42E-03	4.36E-04	5.17E-03	5.50E-04	5.17E-03	5.50E-04	4.43E-03	4.37E-04	4.60E-03	4.64E-04	4.45E-03	4.41E-04	4.43E-03	4.37E-04	4.44E-03	4.39E-04	4.43E-03	4.38E-04	2.96E-01	3.28E-02	2.34E+00	2.47E-01
1676	Gridded	3.83E-03	4.77E-04	3.82E-03	4.75E-04	3.96E-03	5.05E-04	3.96E-03	5.05E-04	1.74E-04	2.62E-05	3.83E-03	4.75E-04	4.39E-03	5.95E-04	4.39E-03	5.95E-04	3.83E-03	4.77E-04	3.96E-03	5.05E-04	3.85E-03	4.80E-04	3.83E-03	4.76E-04	3.84E-03	4.79E-04	3.83E-03	4.77E-04	2.10E-01	2.42E-02	2.03E+00	2.68E-01
1677	Gridded	3.25E-03	5.17E-04	3.24E-03	5.15E-04	3.43E-03	5.46E-04	3.43E-03	5.46E-04	1.69E-04	2.75E-05	3.24E-03	5.16E-04	4.01E-03	6.41E-04	4.01E-03	6.41E-04	3.25E-03	5.17E-04	3.43E-03	5.46E-04	3.28E-03	5.21E-04	3.25E-03	5.17E-04	3.26E-03	5.19E-04	3.25E-03	5.18E-04	1.89E-01	2.09E-02	1.81E+00	2.91E-01
1678	Gridded	3.10E-03	5.30E-04	3.09E-03	5.28E-04	3.27E-03	5.59E-04	3.27E-03	5.59E-04	1.88E-04	2.74E-05	3.09E-03	5.28E-04	3.83E-03	6.53E-04	3.83E-03	6.53E-04	3.10E-03	5.30E-04	3.27E-03	5.59E-04	3.12E-03	5.33E-04	3.10E-03	5.29E-04	3.11E-03	5.31E-04	3.10E-03	5.30E-04	1.69E-01	2.05E-02	1.74E+00	3.01E-01
1679	Gridded	2.99E-03	5.25E-04	2.98E-03	5.23E-04	3.21E-03	5.53E-04	3.21E-03	5.53E-04	2.00E-04	2.66E-05	2.98E-03	5.23E-04	3.89E-03	6.45E-04	3.89E-03	6.45E-04	3.00E-03	5.25E-04	3.21E-03	5.53E-04	3.02E-03	5.29E-04	2.99E-03	5.24E-04	3.01E-03	5.27E-04	3.00E-03	5.25E-04	1.58E-01	2.06E-02	1.73E+00	3.01E-01
1680	Gridded	2.94E-03	5.19E-04	2.92E-03	5.17E-04	3.15E-03	5.46E-04	3.15E-03	5.46E-04	2.15E-04	2.91E-05	2.93E-03	5.17E-04	3.85E-03	6.35E-04	3.85E-03	6.35E-04	2.94E-03	5.19E-04	3.15E-03	5.46E-04	2.97E-03	5.22E-04	2.93E-03	5.18E-04	2.95E-03	5.20E-04	2.94E-03	5.19E-04	1.87E-01	2.63E-02	1.66E+00	3.01E-01
1681	Gridded	2.81E-03	4.66E-04	2.80E-03	4.65E-04	3.02E-03	4.91E-04	3.02E-03	4.91E-04	1.96E-04	2.85E-05	2.80E-03	4.65E-04	3.70E-03	5.70E-04	3.70E-03	5.70E-04	2.81E-03	4.66E-04	3.02E-03	4.91E-04	2.84E-03	4.69E-04	2.81E-03	4.66E-04	2.82E-03	4.68E-04	2.81E-03	4.67E-04	1.83E-01	2.91E-02	1.55E+00	2.74E-01
1682	Gridded	2.67E-03	3.98E-04	2.65E-03	3.96E-04	2.87E-03	4.18E-04	2.87E-03	4.18E-04	1.87E-04	2.26E-05	2.66E-03	3.97E-04	3.51E-03	4.85E-04	3.51E-03	4.85E-04	2.67E-03	3.98E-04	2.87E-03	4.18E-04	2.69E-03	4.00E-04	2.66E-03	3.97E-04	2.68E-03	3.99E-04	2.67E-03	3.98E-04	1.44E-01	2.62E-02	1.48E+00	2.38E-01
1683	Gridded	2.52E-03	3.57E-04	2.51E-03	3.56E-04	2.71E-03	3.75E-04	2.71E-03	3.75E-04	2.18E-04	2.61E-05	2.51E-03	3.56E-04	3.36E-03	4.58E-04	3.36E-03	4.58E-04	2.52E-03	3.57E-04	2.71E-03	3.75E-04	2.55E-03	3.59E-04	2.52E-03	3.57E-04	2.53E-03	3.58E-04	2.52E-03	3.57E-04	1.69E-01	3.05E-02	1.40E+00	2.32E-01
1684	Gridded	6.83E-03	8.00E-04	6.79E-03	7.96E-04	7.34E-03	8.52E-04	7.34E-03	8.52E-04	4.83E-04	4.92E-05	6.80E-03	7.97E-04	9.01E-03	1.02E-03	9.01E-03	1.02E-03	6.83E-03	8.00E-04	7.34E-03	8.52E-04	6.89E-03	8.06E-04	6.82E-03	7.98E-04	6.86E-03	8.03E-04	6.83E-03	8.00E-04	3.18E-01	4.50E-02	3.64E+00	4.29E-01
1685	Gridded	4.16E-03	6.35E-04	4.14E-03	6.32E-04	4.45E-03	6.79E-04	4.45E-03	6.79E-04	3.77E-04	4.09E-05	4.15E-03	6.33E-04	5.71E-03	8.20E-04	5.71E-03	8.20E-04	4.16E-03	6.35E-04	4.45E-03	6.79E-04	4.20E-03	6.41E-04	4.16E-03	6.34E-04	4.18E-03	6.38E-04	4.17E-03	6.36E-04	2.82E-01	4.17E-02	2.26E+00	3.88E-01
1686	Gridded	3.45E-03	6.23E-04	3.43E-03	6.20E-04	3.68E-03	6.66E-04	3.68E-03	6.66E-04	2.72E-04	4.05E-05	3.43E-03	6.21E-04	4.42E-03	8.06E-04	4.42E-03	8.06E-04	3.45E-03	6.23E-04	3.68E-03	6.66E-04	3.47E-03	6.28E-04	3.44E-03	6.22E-04	3.46E-03	6.26E-04	3.45E-03	6.24E-04	2.69E-01	4.02E-02	1.84E+00	3.87E-01
1687	Gridded	6.05E-03	6.27E-04	6.05E-03	6.24E-04	6.06E-03	6.70E-04	6.06E-03	6.70E-04	2.58E-04	4.05E-05	6.05E-03	6.24E-04	6.09E-03	8.09E-04	6.09E-03	8.09E-04	6.05E-03	6.27E-04	6.06E-03	6.70E-04	6.06E-03	6.32E-04	6.05E-03	6.26E-04	6.05E-03	6.29E-04	6.05E-03	6.27E-04	2.85E-01	3.83E-02	3.23E+00	3.94E-01
1688	Gridded	6.24E-03	6.12E-04	6.23E-03	6.09E-04	6.25E-03	6.53E-04	6.25E-03	6.53E-04	2.52E-04	3.89E-05	6.24E-03	6.09E-04	6.29E-03	7.87E-04	6.29E-03	7.87E-04	6.24E-03	6.12E-04	6.25E-03	6.53E-04	6.24E-03	6.17E-04	6.24E-03	6.11E-04	6.24E-03	6.14E-04	6.24E-03	6.12E-04	2.92E-01	3.69E-02	3.37E+00	3.88E-01
1689	Gridded	3.74E-03	5.33E-04	3.74E-03	5.31E-04	3.76E-03	5.68E-04	3.76E-03	5.68E-04	1.90E-04	3.42E-05	3.74E-03	5.31E-04	3.80E-03	6.82E-04	3.80E-03	6.82E-04	3.74E-03	5.33E-04	3.76E-03	5.68E-04	3.75E-03	5.37E-04	3.74E-03	5.32E-04	3.75E-03	5.35E-04	3.74E-03	5.33E-04	2.98E-01	3.49E-02	2.10E+00	3.39E-01
1690	Gridded	2.91E-03	5.38E-04	2.91E-03	5.36E-04	2.93E-03	5.77E-04	2.93E-03	5.77E-04	1.60E-04	3.62E-05	2.91E-03	5.36E-04	3.29E-03	7.02E-04	3.29E-03	7.02E-04	2.91E-03	5.38E-04	2.93E-03	5.77E-04	2.92E-03	5.43E-04	2.91E-03	5.38E-04	2.92E-03	5.41E-04	2.91E-03	5.39E-04	2.73E-01	3.56E-02	1.56E+00	3.50E-01
1691	Gridded	3.13E-03	6.32E-04	3.13E-03	6.29E-04	3.18E-03	6.75E-04	3.18E-03	6.75E-04	1.81E-04	4.05E-05	3.13E-03	6.30E-04	3.58E-03	8.15E-04	3.58E-03	8.15E-04	3.13E-03	6.32E-04	3.18E-03	6.75E-04	3.14E-03	6.38E-04	3.13E-03	6.31E-04	3.14E-03	6.35E-04	3.14E-03	6.33E-04	2.68E-01	3.96E-02	1.68E+00	4.05E-01
1692	Gridded	3.51E-03	8.29E-04	3.50E-03	8.25E-04	3.66E-03	8.87E-04	3.66E-03	8.87E-04	1.93E-04	5.50E-05	3.51E-03	8.26E-04	4.15E-03	1.08E-03	4.15E-03	1.08E-03	3.51E-03	8.29E-04	3.66E-03	8.87E-04	3.53E-03	8.36E-04	3.51E-03	8.28E-04	3.52E-03	8.32E-04	3.52E-03	8.30E-04	2.67E-01	4.36E-02	1.88E+00	4.87E-01
1693	Gridded	4.34E-03	9.46E-04	4.34E-03	9.41E-04	4.43E-03	1.01E-03	4.43E-03	1.01E-03	2.53E-04	6.42E-05	4.34E-03	9.42E-04	4.70E-03	1.24E-03	4.70E-03	1.24E-03	4.34E-03	9.46E-04	4.43E-03	1.01E-03	4.35E-03	9.54E-04	4.34E-03	9.44E-04	4.35E-03	9.50E-04	4.35E-03	9.47E-04	3.07E-01	4.39E-02	2.52E+00	5.72E-01

Scenario 2 Results

1694 Gridded	5.75E-03	1.02E-03	5.75E-03	1.02E-03	5.81E-03	1.09E-03	5.81E-03	1.09E-03	3.12E-04	6.85E-05	5.75E-03	1.02E-03	6.00E-03	1.33E-03	6.00E-03	1.33E-03	5.75E-03	1.02E-03	5.81E-03	1.09E-03	5.76E-03	1.03E-03	5.75E-03	1.02E-03	5.76E-03	1.03E-03	5.75E-03	1.02E-03	4.31E-01	6.31E-02	3.81E+00	6.38E-01
1695 Gridded	4.23E-03	1.16E-03	4.23E-03	1.15E-03	4.23E-03	1.23E-03	4.23E-03	1.23E-03	2.79E-04	6.62E-05	4.23E-03	1.15E-03	4.39E-03	1.46E-03	4.39E-03	1.46E-03	4.23E-03	1.16E-03	4.23E-03	1.23E-03	4.23E-03	1.17E-03	4.23E-03	1.16E-03	4.23E-03	1.16E-03	4.23E-03	1.16E-03	4.21E-01	7.11E-02	2.80E+00	6.76E-01
1696 Gridded	3.53E-03	1.10E-03	3.51E-03	1.10E-03	3.77E-03	1.17E-03	3.77E-03	1.17E-03	2.33E-04	6.35E-05	3.51E-03	1.10E-03	4.57E-03	1.39E-03	4.57E-03	1.39E-03	3.53E-03	1.10E-03	3.77E-03	1.17E-03	3.56E-03	1.11E-03	3.52E-03	1.10E-03	3.54E-03	1.11E-03	3.53E-03	1.11E-03	3.57E-01	6.21E-02	2.10E+00	6.39E-01
1697 Gridded	3.45E-03	9.61E-04	3.44E-03	9.57E-04	3.67E-03	1.02E-03	3.67E-03	1.02E-03	2.28E-04	6.17E-05	3.44E-03	9.57E-04	4.37E-03	1.21E-03	4.37E-03	1.21E-03	3.45E-03	9.61E-04	3.67E-03	1.02E-03	3.48E-03	9.68E-04	3.45E-03	9.59E-04	3.47E-03	9.64E-04	3.46E-03	9.61E-04	3.32E-01	6.25E-02	2.02E+00	5.62E-01
1698 Gridded	3.57E-03	7.56E-04	3.55E-03	7.53E-04	3.82E-03	8.07E-04	3.82E-03	8.07E-04	2.53E-04	4.73E-05	3.56E-03	7.54E-04	4.64E-03	9.69E-04	4.64E-03	9.69E-04	3.57E-03	7.56E-04	3.82E-03	8.07E-04	3.60E-03	7.63E-04	3.56E-03	7.55E-04	3.59E-03	7.59E-04	3.57E-03	7.57E-04	3.11E-01	6.36E-02	2.13E+00	5.06E-01
1699 Gridded	3.54E-03	7.07E-04	3.52E-03	7.03E-04	3.79E-03	7.53E-04	3.79E-03	7.53E-04	2.54E-04	4.38E-05	3.53E-03	7.04E-04	4.59E-03	9.04E-04	4.59E-03	9.04E-04	3.54E-03	7.07E-04	3.79E-03	7.53E-04	3.57E-03	7.12E-04	3.54E-03	7.06E-04	3.56E-03	7.09E-04	3.54E-03	7.07E-04	2.47E-01	7.27E-02	2.20E+00	4.17E-01
1700 Gridded	3.71E-03	6.72E-04	3.69E-03	6.69E-04	3.98E-03	7.18E-04	3.98E-03	7.18E-04	2.62E-04	4.34E-05	3.70E-03	6.69E-04	4.84E-03	8.68E-04	4.84E-03	8.68E-04	3.71E-03	6.72E-04	3.98E-03	7.18E-04	3.74E-03	6.78E-04	3.70E-03	6.71E-04	3.73E-03	6.75E-04	3.71E-03	6.72E-04	2.44E-01	6.65E-02	2.21E+00	4.04E-01
1701 Gridded	5.06E-03	7.35E-04	5.04E-03	7.31E-04	5.37E-03	7.84E-04	5.37E-03	7.84E-04	2.92E-04	4.66E-05	5.04E-03	7.32E-04	6.38E-03	9.45E-04	6.38E-03	9.45E-04	5.06E-03	7.35E-04	5.37E-03	7.84E-04	5.10E-03	7.41E-04	5.05E-03	7.33E-04	5.08E-03	7.37E-04	5.07E-03	7.35E-04	2.56E-01	5.42E-02	2.88E+00	4.40E-01
1702 Gridded	5.48E-03	6.91E-04	5.47E-03	6.88E-04	5.71E-03	7.38E-04	5.71E-03	7.38E-04	3.10E-04	6.01E-05	5.47E-03	6.88E-04	6.43E-03	8.91E-04	6.43E-03	8.91E-04	5.48E-03	6.91E-04	5.71E-03	7.38E-04	5.51E-03	6.97E-04	5.48E-03	6.90E-04	5.50E-03	6.94E-04	5.49E-03	6.91E-04	2.75E-01	6.48E-02	3.05E+00	4.04E-01
1703 Gridded	3.73E-03	1.36E-03	3.72E-03	1.35E-03	4.02E-03	1.47E-03	4.02E-03	1.47E-03	3.18E-04	1.02E-04	3.72E-03	1.35E-03	4.93E-03	1.82E-03	4.93E-03	1.82E-03	3.74E-03	1.36E-03	4.02E-03	1.47E-03	3.77E-03	1.37E-03	3.73E-03	1.36E-03	3.75E-03	1.37E-03	3.74E-03	1.36E-03	3.08E-01	8.81E-02	2.25E+00	8.78E-01
1704 Gridded	3.99E-03	1.38E-03	3.97E-03	1.37E-03	4.30E-03	1.47E-03	4.30E-03	1.47E-03	3.34E-04	8.81E-05	3.97E-03	1.37E-03	5.30E-03	1.77E-03	5.30E-03	1.77E-03	3.99E-03	1.38E-03	4.30E-03	1.47E-03	4.03E-03	1.39E-03	3.98E-03	1.37E-03	4.01E-03	1.38E-03	3.99E-03	1.38E-03	2.94E-01	9.64E-02	2.36E+00	8.26E-01
1705 Gridded	4.52E-03	8.75E-04	4.50E-03	8.72E-04	4.86E-03	9.16E-04	4.86E-03	9.16E-04	3.20E-04	5.01E-05	4.50E-03	8.73E-04	5.96E-03	1.05E-03	5.96E-03	1.05E-03	4.52E-03	8.75E-04	4.86E-03	9.16E-04	4.56E-03	8.80E-04	4.51E-03	8.74E-04	4.54E-03	8.78E-04	4.52E-03	8.76E-04	3.19E-01	6.72E-02	2.60E+00	5.08E-01
1706 Gridded	7.12E-03	9.85E-04	7.10E-03	9.80E-04	7.51E-03	1.07E-03	7.51E-03	1.07E-03	3.58E-04	7.65E-05	7.10E-03	9.81E-04	8.74E-03	1.33E-03	8.74E-03	1.33E-03	7.13E-03	9.86E-04	7.51E-03	1.07E-03	7.17E-03	9.96E-04	7.12E-03	9.84E-04	7.15E-03	9.90E-04	7.13E-03	9.86E-04	3.27E-01	7.44E-02	3.97E+00	6.14E-01
1707 Gridded	4.73E-03	1.09E-03	4.72E-03	1.08E-03	4.91E-03	1.14E-03	4.91E-03	1.14E-03	2.95E-04	5.91E-05	4.73E-03	1.08E-03	5.84E-03	1.33E-03	5.84E-03	1.33E-03	4.74E-03	1.09E-03	4.91E-03	1.14E-03	4.76E-03	1.09E-03	4.73E-03	1.09E-03	4.74E-03	1.09E-03	4.74E-03	1.09E-03	3.05E-01	7.57E-02	2.62E+00	6.87E-01
1708 Gridded	9.43E-03	8.47E-04	9.39E-03	8.44E-04	9.98E-03	8.91E-04	9.98E-03	8.91E-04	5.24E-04	6.85E-05	9.39E-03	8.44E-04	1.18E-02	1.03E-03	1.18E-02	1.03E-03	9.43E-03	8.47E-04	9.98E-03	8.91E-04	9.49E-03	8.52E-04	9.41E-03	8.46E-04	9.46E-03	8.49E-04	9.43E-03	8.47E-04	3.07E-01	5.97E-02	5.37E+00	5.20E-01
1709 Gridded	7.12E-03	1.25E-03	7.09E-03	1.24E-03	7.57E-03	1.33E-03	7.57E-03	1.33E-03	4.21E-04	7.86E-05	7.10E-03	1.24E-03	9.02E-03	1.60E-03	9.02E-03	1.60E-03	7.13E-03	1.25E-03	7.57E-03	1.33E-03	7.18E-03	1.26E-03	7.11E-03	1.25E-03	7.15E-03	1.25E-03	7.13E-03	1.25E-03	4.85E-01	9.37E-02	4.16E+00	7.99E-01
1710 Gridded	6.96E-03	1.28E-03	6.93E-03	1.27E-03	7.31E-03	1.34E-03	7.31E-03	1.34E-03	3.35E-04	7.90E-05	6.94E-03	1.27E-03	8.47E-03	1.53E-03	8.47E-03	1.53E-03	6.96E-03	1.28E-03	7.31E-03	1.34E-03	7.00E-03	1.28E-03	6.95E-03	1.28E-03	6.98E-03	1.28E-03	6.96E-03	1.28E-03	3.09E-01	1.02E-01	3.91E+00	8.21E-01
1711 Gridded	7.30E-03	1.15E-03	7.27E-03	1.14E-03	7.73E-03	1.20E-03	7.73E-03	1.20E-03	4.05E-04	4.99E-05	7.27E-03	1.15E-03	9.12E-03	1.35E-03	9.12E-03	1.35E-03	7.30E-03	1.15E-03	7.73E-03	1.20E-03	7.35E-03	1.15E-03	7.29E-03	1.15E-03	7.32E-03	1.15E-03	7.30E-03	1.15E-03	3.60E-01	7.05E-02	4.13E+00	7.13E-01
1712 Gridded	6.86E-03	9.89E-04	6.83E-03	9.84E-04	7.26E-03	1.05E-03	7.26E-03	1.05E-03	3.79E-04	6.13E-05	6.84E-03	9.85E-04	8.57E-03	1.27E-03	8.57E-03	1.27E-03	6.86E-03	9.89E-04	7.26E-03	1.05E-03	6.91E-03	9.97E-04	6.85E-03	9.87E-04	6.88E-03	9.93E-04	6.86E-03	9.89E-04	4.18E-01	7.20E-02	3.88E+00	6.30E-01
1713 Gridded	6.45E-03	5.82E-04	6.43E-03	5.79E-04	6.77E-03	6.24E-04	6.77E-03	6.24E-04	3.66E-04	3.99E-05	6.43E-03	5.79E-04	7.80E-03	7.62E-04	7.80E-03	7.62E-04	6.45E-03	5.82E-04	6.77E-03	6.24E-04	6.49E-03	5.87E-04	6.44E-03	5.81E-04	6.47E-03	5.84E-04	6.45E-03	5.82E-04	2.58E-01	5.22E-02	3.66E+00	3.74E-01
1714 Gridded	7.58E-03	8.76E-04	7.55E-03	8.72E-04	8.15E-03	9.35E-04	8.15E-03	9.35E-04	5.30E-04	5.56E-05	7.55E-03	8.72E-04	9.97E-03	1.13E-03	9.97E-03	1.13E-03	7.59E-03	8.76E-04	8.15E-03	9.35E-04	7.65E-03	8.83E-04	7.57E-03	8.74E-04	7.62E-03	8.79E-04	7.59E-03	8.76E-04	3.50E-01	5.63E-02	4.27E+00	5.24E-01
1715 Gridded	1.06E-02	1.01E-03	1.05E-02	1.00E-03	1.11E-02	1.07E-03	1.11E-02	1.07E-03	5.39E-04	5.62E-05	1.05E-02	1.00E-03	1.30E-02	1.26E-03	1.30E-02	1.26E-03	1.06E-02	1.01E-03	1.11E-02	1.07E-03	1.06E-02	1.01E-03	1.05E-02	1.00E-03	1.06E-02	1.01E-03	1.06E-02	1.01E-03	4.54E-01	5.68E-02	6.06E+00	6.19E-01
1716 Gridded	7.23E-03	7.77E-04	7.21E-03	7.75E-04	7.57E-03	8.19E-04	7.57E-03	8.19E-04	3.13E-04	3.92E-05	7.22E-03	7.75E-04	8.65E-03	9.54E-04	8.65E-03	9.54E-04	7.24E-03	7.78E-04	7.57E-03	8.19E-04	7.28E-03	7.83E-04	7.23E-03	7.77E-04	7.25E-03	7.80E-04	7.24E-03	7.78E-04	3.95E-01	5.60E-02	4.33E+00	5.00E-01
1717 Gridded	5.42E-03	5.37E-04	5.40E-03	5.35E-04	5.75E-03	5.74E-04	5.75E-03	5.74E-04	3.10E-04	3.91E-05	5.40E-03	5.35E-04	6.82E-03	7.09E-04	6.82E-03	7.09E-04	5.42E-03	5.37E-04	5.75E-03	5.74E-04	5.46E-03	5.40E-04	5.41E-03	5.36E-04	5.44E-03	5.38E-04	5.42E-03	5.37E-04	3.08E-01	3.35E-02	3.07E+00	3.39E-01
1718 Gridded	6.05E-03	7.33E-04	6.02E-03	7.29E-04	6.39E-03	7.83E-04	6.39E-03	7.83E-04	3.22E-04	4.75E-05	6.03E-03	7.30E-04	7.50E-03	9.47E-04	7.50E-03	9.47E-04	6.05E-03	7.33E-04	6.39E-03	7.83E-04	6.09E-03	7.39E-04	6.04E-03	7.32E-04	6.07E-03	7.36E-04	6.05E-03	7.33E-04	2.25E-01	3.39E-02	3.50E+00	4.19E-01
1719 Gridded	4.58E-03	1.01E-03	4.57E-03	1.01E-03	4.83E-03	1.08E-03	4.83E-03	1.08E-03	2.63E-04	5.94E-05	4.57E-03	1.01E-03	5.64E-03	1.28E-03	5.64E-03	1.28E-03	4.58E-03	1.01E-03	4.83E-03	1.08E-03	4.61E-03	1.02E-03	4.58E-03	1.01E-03	4.60E-03	1.02E-03	4.58E-03	1.01E-03	2.62E-01	4.61E-02	2.74E+00	6.02E-01
1720 Gridded	4.19E-03	8.36E-04	4.17E-03	8.33E-04	4.42E-03	8.86E-04	4.42E-03	8.86E-04	2.48E-04	5.23E-05	4.17E-03	8.34E-04	5.20E-03	1.05E-03	5.20E-03	1.05E-03	4.19E-03	8.37E-04	4.42E-03	8.86E-04	4.21E-03	8.43E-04	4.18E-03	8.35E-04	4.20E-03	8.39E-04	4.19E-03	8.37E-04	3.17E-01	5.67E-02	2.38E+00	5.17E-01
1721 Gridded	3.68E-03	9.26E-04	3.66E-03	9.22E-04	3.95E-03	9.87E-04	3.95E-03	9.87E-04	2.65E-04	5.69E-05	3.66E-03	9.23E-04	4.85E-03	1.18E-03	4.85E-03	1.18E-03	3.68E-03	9.27E-04	3.95E-03	9.87E-04	3.71E-03	9.34E-04	3.67E-03	9.25E-04	3.70E-03	9.30E-04	3.68E-03	9.27E-04	3.25E-01	4.43E-02	1.97E+00	5.49E-01
1722 Gridded	4.21E-03	7.61E-04	4.19E-03	7.58E-04	4.49E-03	8.10E-04	4.49E-03	8.10E-04	2.59E-04	4.59E-05	4.20E-03	7.59E-04	5.38E-03	9.68E-04	5.38E-03	9.68E-04	4.21E-03	7.61E-04	4.49E-03	8.10E-04	4.25E-03	7.67E-04	4.21E-03	7.60E-04	4.23E-03	7.64E-04	4.22E-03	7.62E-04	2.81E-01	3.34E-02	2.25E+00	4.61E-01
1723 Gridded	4.45E-03	5.42E-04	4.43E-03	5.40E-04	4.72E-03	5.76E-04	4.72E-03	5.76E-04	2.51E-04	3.24E-05	4.44E-03	5.40E-04	5.58E-03	6.88E-04	5.58E-03	6.88E-04	4.45E-03	5.42E-04	4.72E-03	5.76E-04	4.48E-03	5.46E-04	4.45E-03	5.41E-04	4.47E-03	5.44E-04	4.45E-03	5.42E-04	2.46E-01	2.64E-02	2.37E+00	3.35E-01
1724 Gridded	4.51E-03	6.28E-04	4.49E-03	6.26E-04	4.76E-03	6.68E-04	4.76E-03	6.68E-04	2.34E-04	3.73E-05	4.50E-03	6.26E-04	5.57E-03	7.96E-04	5.57E-03	7.96E-04	4.51E-03	6.28E-04	4.76E-03	6.68E-04	4.54E-03	6.33E-04	4.51E-03	6.27E-04	4.53E-03	6.31E-04	4.51E-03	6.29E-04	2.68E-01	2.90E-02	2.40E+00	3.46E-01
1725 Gridded	4.44E-03	5.29E-04	4.42E-03	5.26E-04	4.66E-03	5.67E-04	4.66E-03	5.67E-04	2.08E-04	3.59E-05	4.43E-03	5.27E-04	5.38E-03	6.91E-04	5.38E-03	6.91E-04	4.44E-03	5.29E-04	4.66E-03	5.67E-04	4.47E-03	5.34E-04	4.43E-03	5.28E-04	4.45E-03	5.31E-04	4.44E-03	5.29E-04	2.09E-01	2.88E-02	2.36E+00	3.02E-01
1726 Gridded	4.23E-03	4.50E-04	4.22E-03	4.47E-04	4.42E-03	4.86E-04	4.42E-03	4.86E-04	1.74E-04	3.40E-05	4.22E-03	4.48E-04	5.02E-03	6.03E-04	5.02E-03	6.03E-04	4.23E-03	4.50E-04	4.42E-03	4.86E-04	4.26E-03	4.54E-04	4.23E-03	4.49E-04	4.24E-03	4.52E-04	4.23E-03	4.50E-04	2.27E-01	3.32E-02	2.24E+00	2.74E-01
1727 Gridded	3.85E-03	2.99E-04	3.84E-03	2.98E-04	4.00E-03	3.19E-04	4.00E-03	3.19E-04	1.80E-04	2.43E-05	3.85E-03	2.98E-04	4.47E-03	4.02E-04	4.47E-03	4.02E-04	3.85E-03	2.99E-04	4.00E-03	3.19E-04	3.87E-03	3.01E-04	3.85E-03	2.99E-04	3.86E-03	3.00E-04	3.85E-03	2.99E-04	2.21E-01	2.55E-02	2.04E+00	1.98E-01
1728 Gridded	3.31E-03	3.01E-04	3.30E-03	3.00E-04	3.41E-03	3.20E-04	3.41E-03	3.20E-04	1.58E-04	1.77E-05	3.30E-03	3.00E-04	3.76E-03	3.81E-04	3.76E-03	3.81E-04	3.31E-03	3.02E-04	3.41E-03	3.20E-04	3.32E-03	3.04E-04	3.30E-03	3.01E-04	3.31E-03	3.03E-04	3.31E-03	3.02E-04	1.79E-01	2.32E-02	1.74E+00	1.70E-01
1729 Gridded	2.76E-03	3.61E-04	2.75E-03	3.59E-04	2.92E-03	3.83E-04	2.92E-03	3.83E-04	1.49E-04	2.05E-05	2.75E-03	3.60E-04	3.43E-03	4.54E-04	3.43E-03	4.54E-04	2.76E-03	3.61E-04	2.92E-03	3.83E-04	2.78E-03	3.64E-04	2.75E-03	3.60E-04	2.77E-03	3.62E-04	2.76E-03	3.61E-04	1.68E-01	2.24E-02	1.51E+00	2.02E-01
1730 Gridded	2.75E-03	4.16E-04	2.74E-03	4.15E-04	2.88E-03	4.41E-04	2.88E-03	4.41E-04	1.47E-04	2.30E-05	2.74E-03	4.15E-04	3.39E-03	5.20E-04	3.39E-03	5.20E-04	2.75E-03	4.16E-04	2.88E-03	4.41E-04	2.76E-03	4.19E-04	2.74E-03	4.16E-04	2.75E-03	4.18E-04	2.75E-03	4.17E-04	2.04E-01	2.07E-02	1.50E+00	2.33E-01
1731 Gridded	2.78E-03	4.52E-04	2.77E-03	4.50E-04	2.94E-03	4.77E-04	2.94E-03	4.77E-04	1.58E-04	2.43E-05	2.78E-03	4.50E-04	3.44E-03	5.61E-04	3.44E-03	5.61E-04	2.78E-03	4.52E-04	2.94E-03	4.77E-04	2.80E-03	4.55E-04	2.78E-03	4.51E-04	2.79E-03	4.53E-04	2.79E-03	4.52E-04	2.10E-01	1.89E-02	1.52E+00	2.54E-01
1732 Gridded	2.81E-03	4.65E-04	2.80E-03	4.63E-04	2.98E-03	4.91E-04	2.98E-03	4.91E-04	1.74E-04	2.44E-05	2.80E-03	4.63E-04	3.53E-03	5.75E-04	3.53E-03	5.75E-04	2.81E-03	4.65E-04	2.98E-03	4.91E-04	2.83E-03	4.68E-04	2.80E-03	4.64E-04	2.82E-03	4.66E-04	2.81E-03	4.65E-04	2.08E-01	1.92E-02	1.53E+00	2.63E-01
1733 Gridded	2.79E-03	4.43E-04	2.77E-03	4.41E-04	2.97E-03	4.67E-04	2.97E-03	4.67E-04	1.70E-04	2.28E-05	2.78E-03	4.41E-04	3.55E-03	5.46E-04	3.55E-03	5.46E-04	2.79E-03	4.43E-04	2.97E-03	4.67E-04	2.81E-03	4.46E-04	2.78E-03	4.42E-04	2.80E-03	4.44E-04	2.79E-03	4.43E-04	1.74E-01	1.78E-02	1.52E+00	2.53E-01
1734 Gridded	2.75E-03	4.29E-04	2.74E-03	4.28E-04	2.94E-03	4.52E-04	2.94E-03	4.52E-04	1.92E-04	2.32E-05	2.74E-03	4.28E-04	3.54E-03	5.27E-04	3.54E-03	5.27E-04	2.75E-03	4.29E-04	2.94E-03	4.52E-04	2.77E-03	4.32E-04	2.75E-03	4.29E-04	2.76E-03	4.31E-04	2.75E-03	4.29E-04	1.69E-01	2.07E-02	1.50E+00	2.48E-01
1735 Gridded	6.80E-03	7.12E-04	6.77E-03	7.09E-04	7.23E-03	7.65E-04	7.23E-03	7.65E-04	4.06E-04	4.94E-05	6.78E-03	7.09E-04	8.63E-03	9.35E-04	8.63E-03	9.35E-04	6.80E-03	7.12E-04	7.23E-03	7.65E-04	6.86E-03	7.19E-04	6.79E-03	7.11E-04	6.83E-03	7.15E-04	6.81E-03	7.13E-04	2.69E-01	3.60E-02	3.63E+00	4.10E-01
1736 Gridded	5.37E-03	6.05E-04	5.35E-03	6.02E-04	5.75E-03	6.46E-04	5.75E-03	6.46E-04	3.59E-04	3.82E-05	5.35E-03	6.03E-04	6.99E-03	7.77E-04	6.99E-03	7.77E-04	5.37E-03	6.05E-04	5.75E-03	6.46E-04	5.42E-03	6.10E-04	5.36E-03	6.04E-04	5.40E-03	6.07E-04	5.38E-03	6.05E-04	3.26E-01	3.35E-02	2.87E+00	3.78E-01
1737 Gridded	4.34E-03	5.40E-04	4.32E-03	5.38E-04	4.63E-03	5.76E-04	4.63E-03	5.76E-04	2.73E-04	3.50E-05	4.32E-03	5.38E-04	5.57E-03	6.91E-04	5.57E-03	6.91E-04	4.34E-03	5.40E-04	4.63E-03	5.76E-04	4.38E-03	5.44E-04	4.33E-03	5.39E-04	4.36E-03	5.42E-04	4.34E-03	5.40E-04	3.62E-01	3.27E-02	2.32E+00	3.41E-01
1738 Gridded	6.41E-03	5.49E-04	6.41E-03	5.48E-04	6.42E-03	5.63E-04	6.42E-03	5.63E-04	2.65E-04	3.59E-05	6.41E-03	5.48E-04	6.43E-03	6.86E-04	6.43E-03	6.86E-04	6.41E-03	5.49E-04	6.42E-03	5.63E-04	6.41E-03	5.51E-04	6.41E-03	5.48E-04	6.41E-03	5.50E-04	6.41E-03	5.49E-04	3.67E-01	3.45E-02	3.42E+00	3.42E-01
1739 Gridded	6.17E-03	6.39E-04	6.17E-03	6.37E-04	6.17E-03	6.79E-04	6.17E-03	6.79E-04	2.45E-04	3.79E-05	6.17E-03	6.37E-04	6.19E-03	8.06E-04	6.19E-03	8.06E-04	6.17E-03	6.40E-04	6.17E-03	6.79E-04	6.17E-03	6.44E-04	6.17E-03	6.39E-04	6.17E-03	6.42E-04	6.17E-03	6.40E-04	3.43E-01	3.80E-02	3.35E+00	3.76E-01
1740 Gridded	4.37E-03	7.43E-04	4.37E-03	7.40E-04	4.47E-03	7.93E-04	4.47E-03	7.93E-04	2.37E-04	4.63E-05	4.37E-03	7.41E-04	4.78E-03	9.52E-04	4.78E-03	9.52E-04	4.37E-03	7.44E-04	4.47E-03	7.93E-04	4.38E-03	7.49E-04	4.37E-03	7.42E-04	4.38E-03	7.46E-04	4.37E-03	7.44E-04	2.84E-01	3.86E-02	2.34E+00	4.24E-01
1741 Gridded	3.89E-03	8.19E-04	3.88E-03	8.15E-04	4.03E-03	8.76E-04	4.03E-03	8.76E-04	2.08E-04	5.38E-05	3.88E-03	8.15E-04	4.51E-03	1.06E-03	4.51E-03	1.06E-03	3.89E-03	8.19E-04	4.03E-03	8.76E-04	3.91E-03	8.26E-04	3.88E-03	8.17E-04	3.90E-03	8.22E-04	3.89E-03	8.19E-04	2.38E-01	3.80E-02	2.08E+00	4.78E-01
1742 Gridded	4.22E-03	8.78E-04	4.22E-03	8.74E-04	4.30E-03	9.41E-04	4.30E-03	9.41E-04	2.59E-04	5.91E-05	4.22E-03	8.74E-04	4.55E-03	1.14E-03	4.55E-03	1.14E-03	4.22E-03	8.78E-04	4.30E-03	9.41E-04	4.23E-03	8.86E-04	4.22E-03	8.76E-04	4.23E-03	8.81E-04	4.22E-03	8.78E-04	2.84E-01	3.98E-02	2.39E+00	5.28E-01
1743 Gridded	5.51E-03	9.09E-04	5.51E-03	9.04E-04	5.57E-03	9.73E-04	5.57E-03	9.73E-04	2.88E-04	6.09E-05	5.51E-03	9.05E-04	5.77E-03	1.18E-03	5.77E-03	1.18E-03	5.51E-03	9.09E-04	5.57E-03	9.73E-04	5.52E-03	9.17E-04	5.51E-03	9.07E-04	5.51E-03	9.12E-04	5.51E-03	9.09E-04	3.81E-01	5.55E-02	3.44E+00	5.65E-01
1744 Gridded	4.87E-03	1.03E-03	4.87E-03	1.03E-03	4.87E-03	1.09E-03	4.87E-03	1.09E-03	2.82E-04	5.76E-05	4.87E-03	1.03E-03	4.93E-03	1.29E-03	4.93E-03	1.29E-03	4.87E-03	1.03E-03	4.87E-03	1.09E-03	4.87E-03	1.04E-03	4.87E-03	1.03E-03	4.87E-03	1.03E-03	4.87E-03	1.03E-03	3.93E-01	6.62E-02	3.04E+00	5.98E-01
1745 Gridded	5.45E-03	1.15E-03	5.44E-03	1.14E-03	5.81E-03	1.21E-03	5.81E-03	1.21E-03	3.70E-04	6.50E-05	5.44E-03	1.14E-03	7.08E-03	1.44E-03	7.08E-03	1.44E-03	5.45E-03	1.15E-03	5.81E-03	1.21E-03	5.47E-03	1.15E-03	5.45E-03	1.14E-03	5.46E-03	1.15E-03	5.45E-03	1.15E-03	4.39E-01	7.02E-02	2.92E+00	6.54E-01
1746 Gridded	5.15E-03	1.14E-03	5.15E-03	1.14E-03	5.40E-03	1.22E-03	5.40E-03	1.22E-03	3.60E-04	8.13E-05	5.15E-03	1.14E-03	6.60E-03	1.50E-03	6.60E-03	1.50E-03	5.15E-03	1.14E-03	5.40E-03	1.22E-03	5.15E-03	1.15E-03	5.15E-03	1.14E-03	5.15E-03	1.15E-03	5.15E-03	1.14E-03	4.48E-01	7.91E-02	2.76E+00	6.62E-01
1747 Gridded	3.37E-03	1.01E-03	3.35E-03	1.01E-03	3.64E-03	1.08E-03	3.64E-03	1.08E-03	2.56E-04	6.20E-05	3.35E-03	1.01E-03	4.52E-03	1.29E-03	4.52E-03	1.29E-03	3.37E-03	1.01E-03	3.64E-03	1.08E-03	3.40E-03	1.02E-03	3.36E-03	1.01E-03	3.38E-03	1.01E-03	3.37E-03	1.01E-03	4.06E-01	6.89E-02	1.98E+00	5.93E-01
1748 Gridded	3.58E-03	8.26E-04	3.57E-03	8.22E-04	3.82E-03	8.81E-04	3.82E-03	8.81E-04	2.38E-04	5.22E-05	3.57E-03	8.23E-04	4.60E-03	1.06E-03	4.60E-03	1.06E-03	3.58E-03	8.26E-04	3.82E-03	8.81E-04	3.61E-03	8.33E-04	3.58E-03	8.25E-04	3.60E-03	8.29E-04	3.58E-03	8.27E-04	3.80E-01	7.61E-02	2.13E+00	4.81E-01
1749 Gridded	3.63E-03	6.83E-04	3.61E-03	6.80E-04	3.86E-03	7.27E-04	3.86E-03	7.27E-04	2.54E-04	4.30E-05	3.61E-03	6.80E-04	4.59E-03	8.75E-04	4.59E-03	8.75E-04	3.63E-03	6.83E-04	3.86E-03	7.27E-04	3.66E-03	6.88E-04	3.62E-03	6.82E-04	3.64E-03	6.85E-04	3.63E-03	6.83E-04	2.94E-01	7.71E-02	2.20E+00	4.11E-01
1750 Gridded	3.48E-03	6.44E-04	3.47E-03	6.41E-04	3.71E-03	6.87E-04	3.71E-03	6.87E-04	2.34E-04	4.04E-05	3.47E-03	6.42E-04	4.51E-03	8.27E-04	4.51E-03	8.27E-04	3.48E-03	6.44E-04	3.71E-03	6.87E-04	3.51E-03	6.50E-04	3.48E-03	6.43E-04	3.49E-03	6.47E-04	3.48E-03	6.45E-04	2.43E-01	6.12E-02	2.09E+00	3.84E-01
1751 Gridded	4.50E-03	7.61E-04	4.48E-03	7.57E-04	4.80E-03	8.15E-04	4.80E-03	8.15E-04	2.87E-04	5.11E-05	4.48E-03	7.58E-04	5.79E-03	9.92E-04	5.79E-03	9.92E-04	4.50E-03	7.61E-04	4.80E-03	8.15E-04	4.54E-03	7.68E-04	4.49E-03	7.60E-04	4.52E-03	7.64E-04	4.50E-03	7.61E-04	3.18E-01	6.62E-02	2.55E+00	4.48E-01
1752 Gridded	5.70E-03	7.26E-04	5.68E-03	7.23E-04	5.96E-03	7.80E-04	5.96E-03	7.80E-04	2.83E-04	5.86E-05	5.68E-03	7.23E-04	6.81E-03	9.53E-04	6.81E-03	9.53E-04	5.70E-03	7.26E-04	5.96E-03	7.80E-04	5.73E-03	7.33E-04	5.69E-03	7.25E-04	5.71E-03	7.29E-04	5.70E-03	7.27E-04	3.29E-01	7.90E-02	3.18E+00	4.18E-01
1753 Gridded	4.10E-03	1.29E-03	4.09E-03	1.28E-03	4.22E-03	1.39E-03	4.22E-03	1.39E-03	2.78E-04	9.70E-05	4.09E-03	1.28E-03	4.71E-03	1.73E-03	4.71E-03	1.73E-03	4.10E-03	1.29E-03	4.22E-03	1.39E-03	4.11E-03	1.30E-03	4.09E-03	1.29E-03	4.10E-03	1.30E-03	4.10E-03	1.29E-03	4.30E-01	7.12E-02	2.26E+00	8.17E-01
1754 Gridded	3.66E-03	1.32E-03	3.64E-03	1.32E-03	3.88E-03	1.40E-03	3.88E-03	1.40E-03	3.02E-04	8.09E-05	3.65E-03	1.32E-03	4.78E-03	1.64E-03	4.78E-03	1.64E-03	3.66E-03	1.33E-03	3.88E-03	1.40E-03	3.69E-03	1.33E-03	3.65E-03	1.32E-03	3.67E-03	1.33E-03	3.66E-03	1.33E-03	2.46E-01	9.90E-02	2.17E+00	8.53E-01
1755 Gridded	3.43E-03	9.76E-04	3.42E-03	9.72E-04	3.70E-03	1.03E-03	3.70E-03	1.03E-03	3.02E-04	5.20E-05	3.42E-03	9.73E-04	4.62E-03	1.21E-03	4.62E-03	1.21E-03	3.44E-03	9.76E-04	3.70E-03	1.03E-03	3.46E-03	9.83E-04	3.43E-03	9.75E-04	3.45E-03	9.79E-04	3.44E-03	9.77E-04	2.81E-01	6.30E-02	2.09E+00	5.73E-01
1756 Gridded	5.42E-03	7.54E-04	5.39E-03	7.51E-04	5.77E-03	7.99E-04	5.77E-03	7.99E-04	3.37E-04	4.94E-05	5.40E-03	7.52E-04	6.93E-03	9.46E-04	6.93E-03	9.46E-04	5.42E-03	7.54E-04	5.77E-03	7.99E-04	5.46E-03	7.60E-04	5.41E-03	7.53E-04	5.44E-03	7.57E-04	5.42E-03	7.55E-04	2.85E-01	4.82E-02	3.04E+00	4.61E-01
1757 Gridded	6.21E-03	9.50E-04	6.19E-03	9.46E-04	6.51E-03	1.02E-03	6.51E-03	1.02E-03	2.84E-04	6.35E-05	6.19E-03	9.46E-04	7.49E-03	1.24E-03	7.49E-03	1.24E-03	6.21E-03	9.50E-04	6.51E-03	1.02E-03	6.24E-03	9.58E-04	6.20E-03	9.49E-04	6.22E-03	9.54E-04	6.21E-03	9.51E-04	2.47E-01	5.48E-02	3.44E+00	5.92E-01
1758 Gridded	5.05E-03	8.61E-04	5.02E-03	8.58E-04	5.37E-03	9.11E-04	5.37E-03	9.11E-04	3.74E-04	5.30E-05	5.03E-03	8.58E-04	6.41E-03	1.07E-03	6.41E-03	1.07E-03	5.05E-03	8.61E-04	5.37E-03	9.11E-04	5.09E-03	8.67E-04	5.04E-03	8.60E-04	5.06E-03	8.64E-04	5.05E-03	8.61E-04	2.54E-01	5.54E-02	2.87E+00	5.51E-01
1759 Gridded	8.75E-03	8.82E-04	8.71E-03	8.76E-04	9.26E-03	9.61E-04	9.26E-03	9.61E-04	4.82E-04	7.44E-05	8.72E-03	8.77E-04	1.09E-02	1.22E-03	1.09E-02	1.22E-03	8.75E-03	8.82E-04	9.26E-03	9.61E-04	8.81E-03	8.91E-04	8.74E-03	8.80E-04	8.78E-03	8.86E-04	8.75E-03	8.83E-04	2.87E-01	5.73E-02	4.94E+00	5.59E-01
1760 Gridded	6.07E-03	1.19E-03	6.04E-03	1.18E-03	6.47E-03	1.26E-03	6.47E-03	1.26E-03	3.83E-04	7.42E-05	6.04E-03	1.18E-03	7.80E-03	1.52E-03	7.80E-03	1.52E-03	6.07E-03	1.19E-03	6.47E-03	1.26E-03	6.12E-03	1.20E-03	6.06E-03	1.18E-03	6.09E-03	1.19E-03	6.07E-03	1.19E-03	7.42E-01	8.15E-02	3.54E+00	7.51E-01
1761 Gridded	6.37E-03	1.20E-03	6.35E-03	1.19E-03	6.70E-03	1.26E-03	6.70E-03	1.26E-03	3.09E-04	6.16E-05	6.35E-03	1.19E-03	7.77E-03	1.45E-03	7.77E-03	1.45E-03	6.37E-03	1.20E-03	6.70E-03	1.26E-03	6.41E-03	1.21E-03	6.36E-03	1.20E-03	6.39E-03	1.20E-03	6.38E-03	1.20E-03	2.87E-01	8.61E-02	3.56E+00	7.59E-01
1762 Gridded	6.02E-03	1.20E-03	6.00E-03	1.20E-03	6.41E-03	1.26E-03	6.41E-03	1.26E-03	3.66E-04	5.63E-05	6.00E-03	1.20E-03	7.67E-03	1.45E-03	7.67E-03	1.45E-03	6.02E-03	1.20E-03	6.41E-03	1.26E-03	6.07E-03	1.21E-03	6.01E-03	1.20E-03	6.04E-03	1.20E-03	6.03E-03	1.20E-03	3.35E-01	6.87E-02	3.39E+00	7.37E-01
1763 Gridded	6.41E-03	9.80E-04	6.39E-03	9.75E-04	6.75E-03	1.05E-03	6.75E-03	1.05E-03	3.15E-04	7.05E-05	6.40E-03	9.76E-04	7.84E-03	1.30E-03	7.84E-03	1.30E-03	6.42E-03	9.80E-04	6.75E-03	1.05E-03	6.46E-03	9.89E-04	6.41E-03	9.78E-04	6.43E-03	9.84E-04	6.42E-03	9.81E-04	4.90E-01	5.76E-02	3.62E+00	6.06E-01
1764 Gridded	7.12E-03	6.49E-04	7.10E-03	6.46E-04	7.48E-03	6.84E-04	7.48E-03	6.84E-04	3.40E-04	3.65E-05	7.10E-03	6.47E-04	8.66E-03	7.98E-04	8.66E-03	7.98E-04	7.12E-03	6.49E-04	7.48E-03	6.84E-04	7.17E-03	6.53E-04	7.11E-03	6.48E-04	7.14E-03	6.51E-04	7.13E-03	6.49E-04	2.99E-01	6.00E-02	4.01E+00	4.36E-01
1765 Gridded	5.74E-03	6.11E-04	5.72E-03	6.08E-04	6.09E-03	6.53E-04	6.09E-03	6.53E-04	3.29E-04	4.21E-05	5.72E-03	6.09E-04	7.23E-03	7.91E-04	7.23E-03	7.91E-04	5.75E-03	6.11E-04	6.09E-03	6.53E-04	5.79E-03	6.16E-04	5.74E-03	6.10E-04	5.76E-03	6.14E-04	5.75E-03	6.12E-04	3.94E-01	5.82E-02	3.30E+00	4.06E-01
1766 Gridded	7.10E-03	8.64E-04	7.07E-03	8.60E-04	7.59E-03	9.20E-04	7.59E-03	9.20E-04	4.61E-04	5.23E-05	7.07E-03	8.61E-04	9.18E-03	1.10E-03	9.18E-03	1.10E-03	7.10E-03	8.64E-04	7.59E-03	9.20E-04	7.16E-03	8.71E-04	7.09E-03	8.63E-04	7.13E-03	8.67E-04	7.11E-03	8.65E-04	3.06E-01	4.91E-02	3.98E+00	5.20E-01
1767 Gridded	8.79E-03	8.85E-04	8.76E-03	8.82E-04	9.27E-03	9.37E-04	9.27E-03	9.37E-04	4.48E-04	4.81E-05	8.77E-03	8.83E-04	1.08E-02	1.10E-03	1.08E-02	1.10E-03	8.80E-03	8.86E-04	9.27E-03	9.37E-04	8.85E-03	8.92E-04	8.78E-03	8.84E-04	8.82E-03	8.88E-04	8.80E-03	8.86E-04	3.43E-01	4.98E-02	5.04E+00	5.47E-01
1768 Gridded	6.12E-03	6.19E-04	6.10E-03	6.17E-04	6.41E-03	6.52E-04	6.41E-03	6.52E-04	2.93E-04	3.11E-05	6.11E-03	6.18E-04	7.35E-03	7.60E-04	7.35E-03	7.60E-04	6.12E-03	6.20E-04	6.41E-03	6.52E-04	6.16E-03	6.24E-04	6.12E-03	6.19E-04	6.14E-03	6.21E-04	6.13E-03	6.20E-04	3.28E-01	5.04E-02	3.67E+00	3.96E-01
1769 Gridded	5.10E-03	4.58E-04	5.08E-03	4.57E-04	5.37E-03	4.85E-04	5.37E-03	4.85E-04	2.65E-04	3.21E-05	5.09E-03	4.57E-04	6.24E-03	5.91E-04	6.24E-03	5.91E-04	5.10E-03	4.58E-04	5.37E-03	4.85E-04	5.14E-03	4.62E-04	5.10E-03	4.58E-04	5.12E-03	4.60E-04	5.11E-03	4.59E-04	2.64E-01	3.06E-02	2.92E+00	2.87E-01
1770 Gridded	5.39E-03	6.82E-04	5.37E-03	6.79E-04	5.70E-03	7.28E-04	5.70E-03	7.28E-04	2.94E-04	4.32E-05	5.37E-03	6.80E-04	6.72E-03	8.77E-04	6.72E-03	8.77E-04	5.39E-03	6.83E-04	5.70E-03	7.28E-04	5.43E-03	6.88E-04	5.38E-03	6.81E-04	5.41E-03	6.85E-04	5.39E-03	6.83E-04	2.79E-01	3.22E-02	3.11E+00	3.92E-01
1771 Gridded	4.61E-03	9.56E-04	4.60E-03	9.52E-04	4.87E-03	1.02E-03	4.87E-03	1.02E-03	2.43E-04	5.57E-05	4.60E-03	9.53E-04	5.70E-03	1.21E-03	5.70E-03	1.21E-03	4.61E-03	9.56E-04	4.87E-03	1.02E-03	4.65E-03	9.63E-04	4.61E-03	9.55E-04	4.63E-03	9.59E-04	4.62E-03	9.57E-04	2.85E-01	4.55E-02	2.74E+00	5.58E-01
1772 Gridded	4.02E-03	8.47E-04	4.00E-03	8.43E-04	4.27E-03	8.97E-04	4.27E-03	8.97E-04	2.36E-04	4.73E-05	4.00E-03	8.44E-04	5.08E-03	1.06E-03	5.08E-03	1.06E-03	4.02E-03	8.47E-04	4.27E-03	8.97E-04	4.05E-03	8.53E-04	4.01E-03	8.45E-04	4.03E-03	8.49E-04	4.02E-03	8.47E-04	3.23E-01	5.67E-02	2.36E+00	5.12E-01
1773 Gridded	3.64E-03	7.23E-04	3.63E-03	7.20E-04	3.85E-03	7.71E-04	3.85E-03	7.71E-04	1.96E-04	4.49E-05	3.63E-03	7.21E-04	4.53E-03	9.26E-04	4.53E-03	9.26E-04	3.65E-03	7.23E-04	3.85E-03	7.71E-04	3.67E-03	7.29E-04	3.64E-03	7.22E-04	3.66E-03	7.26E-04	3.65E-03	7.24E-04	2.21E-01	3.65E-02	2.01E+00	4.24E-01
1774 Gridded	3.12E-03	7.02E-04	3.11E-03	6.99E-04	3.30E-03	7.48E-04	3.30E-03	7.48E-04	1.74E-04	4.25E-05	3.11E-03	7.00E-04	3.88E-03	8.94E-04	3.88E-03	8.94E-04	3.12E-03	7.03E-04	3.30E-03	7.48E-04	3.14E-03	7.08E-04	3.12E-03	7.01E-04	3.13E-03	7.05E-04	3.12E-03	7.03E-04	2.18E-01	2.80E-02	1.77E+00	4.19E-01
1775 Gridded	3.39E-03	5.79E-04	3.38E-03	5.77E-04	3.57E-03	6.16E-04	3.57E-03	6.16E-04	1.74E-04	3.46E-05	3.38E-03	5.77E-04	4.16E-03	7.35E-04	4.16E-03	7.35E-04	3.39E-03	5.79E-04	3.57E-03	6.16E-04	3.41E-03	5.84E-04	3.39E-03	5.79E-04	3.40E-03	5.82E-04	3.39E-03	5.80E-04	2.37E-01	2.53E-02	1.80E+00	3.51E-01
1776 Gridded	3.56E-03	4.04E-04	3.55E-03	4.03E-04	3.73E-03	4.30E-04	3.73E-03	4.30E-04	1.76E-04	2.42E-05	3.55E-03	4.03E-04	4.29E-03	5.14E-04	4.29E-03	5.14E-04	3.56E-03	4.05E-04	3.73E-03	4.30E-04	3.58E-03	4.08E-04	3.55E-03	4.04E-04	3.57E-03	4.06E-04	3.56E-03	4.05E-04	2.13E-01	1.96E-02	1.89E+00	2.50E-01
1777 Gridded	3.58E-03	5.08E-04	3.57E-03	5.06E-04	3.74E-03	5.39E-04	3.74E-03	5.39E-04	1.81E-04	2.90E-05	3.58E-03	5.07E-04	4.23E-03	6.39E-04	4.23E-03	6.39E-04	3.58E-03	5.09E-04	3.74E-03	5.39E-04	3.60E-03	5.12E-04	3.58E-03	5.08E-04	3.59E-03	5.10E-04	3.59E-03	5.09E-04	1.75E-01	1.88E-02	1.90E+00	2.80E-01
1778 Gridded	3.44E-03	5.32E-04	3.43E-03	5.29E-04	3.56E-03	5.67E-04	3.56E-03	5.67E-04	1.60E-04	3.37E-05	3.43E-03	5.30E-04	3.98E-03	6.84E-04	3.98E-03	6.84E-04	3.44E-03	5.32E-04	3.56E-03	5.67E-04	3.45E-03	5.36E-04	3.43E-03	5.31E-04	3.44E-03	5.34E-04	3.44E-03	5.32E-04	1.89E-01	2.64E-02	1.82E+00	3.00E-01
1779 Gridded	3.10E-03	4.16E-04	3.09E-03	4.14E-04	3.19E-03	4.47E-04	3.19E-03	4.47E-04	1.45E-04	2.91E-05	3.09E-03	4.14E-04	3.51E-03	5.47E-04	3.51E-03	5.47E-04	3.10E-03	4.16E-04	3.19E-03	4.47E-04	3.11E-03	4.20E-04	3.09E-03	4.15E-04	3.10E-03	4.18E-04	3.10E-03	4.16E-04	1.70E-01	2.32E-02	1.63E+00	2.45E-01
1780 Gridded	2.84E-03	3.19E-04	2.84E-03	3.18E-04	2.87E-03	3.45E-04	2.87E-03	3.45E-04	1.41E-04	2.43E-05	2.84E-03	3.18E-04	3.00E-03	4.29E-04	3.00E-03	4.29E-04	2.84E-03	3.19E-04	2.87E-03	3.45E-04	2.84E-03	3.22E-04	2.84E-03	3.19E-04	2.84E-03	3.21E-04	2.84E-03	3.20E-04	1.67E-01	2.20E-02	1.65E+00	2.01E-01
1781 Gridded	2.64E-03	2.42E-04	2.63E-03	2.41E-04	2.77E-03	2.56E-04	2.77E-03	2.56E-04	1.43E-04	1.90E-05	2.63E-03	2.42E-04	3.19E-03	3.17E-04	3.19E-03	3.17E-04	2.64E-03	2.42E-04	2.77E-03	2.56E-04	2.65E-03	2.44E-04	2.63E-03	2.42E-04	2.64E-03	2.43E-04	2.64E-03	2.43E-04	1.68E-01	2.07E-02	1.53E+00	1.60E-01
1782 Gridded	2.69E-03	2.84E-04	2.68E-03	2.83E-04	2.80E-03	3.02E-04	2.80E-03	3.02E-04	1.47E-04	1.66E-05	2.69E-03	2.83E-04	3.16E-03	3.59E-04	3.16E-03	3.59E-04	2.69E-03	2.84E-04	2.80E-03	3.02E-04	2.71E-03	2.86E-04	2.69E-03	2.84E-04	2.70E-03	2.85E-04	2.69E-03	2.84E-04	1.48E-01	2.14E-02	1.42E+00	1.59E-01
1783 Gridded	2.52E-03	3.27E-04	2.51E-03	3.26E-04	2.60E-03	3.47E-04	2.60E-03	3.47E-04	1.35E-04	1.86E-05	2.51E-03	3.26E-04	3.02E-03	4.12E-04	3.02E-03	4.12E-04	2.52E-03	3.28E-04	2.60E-03	3.47E-04	2.53E-03	3.30E-04	2.51E-03	3.27E-04	2.52E-03	3.29E-04	2.52E-03	3.28E-04	1.48E-01	2.01E-02	1.33E+00	1.83E-01
1784 Gridded	2.45E-03	3.57E-04	2.44E-03	3.56E-04	2.60E-03	3.78E-04	2.60E-03	3.78E-04	1.38E-04	1.98E-05	2.44E-03	3.56E-04	3.07E-03	4.47E-04	3.07E-03	4.47E-04	2.45E-03	3.57E-04	2.60E-03	3.78E-04	2.47E-03	3.60E-04	2.45E-03	3.57E-04	2.46E-03	3.59E-04	2.45E-03	3.58E-04	1.59E-01	1.72E-02	1.29E+00	2.00E-01
1785 Gridded	2.52E-03	3.81E-04	2.51E-03	3.79E-04	2.64E-03	4.03E-04	2.64E-03	4.03E-04	1.47E-04	2.06E-05	2.51E-03	3.80E-04	3.10E-03	4.74E-04	3.10E-03	4.74E-04	2.52E-03	3.81E-04	2.64E-03	4.03E-04	2.53E-03	3.83E-04	2.52E-03	3.80E-04	2.53E-03	3.82E-04	2.52E-03	3.81E-04	1.82E-01	1.57E-02	1.36E+00	2.14E-01
1786 Gridded	6.26E-03	7.31E-04	6.23E-03	7.30E-04	6.66E-03	7.46E-04	6.66E-03	7.46E-04	3.79E-04	3.97E-05	6.23E-03	7.30E-04	7.97E-03	8.25E-04	7.97E-03	8.25E-04	6.26E-03	7.31E-04	6.66E-03	7.46E-04	6.31E-03	7.33E-04	6.25E-03	7.31E-04	6.28E-03	7.32E-04	6.26E-03	7.31E-04	3.82E-01	3.03E-02	3.33E+00	3.94E-01
1787 Gridded	7.94E-03	8.65E-04	7.93E-03	8.64E-04	8.01E-03	8.89E-04	8.01E-03	8.89E-04	3.72E-04	3.74E-05	7.93E-03	8.64E-04	8.23E-03	9.64E-04	8.23E-03	9.64E-04	7.94E-03	8.65E-04	8.01E-03	8.89E-04	7.95E-03	8.68E-04	7.94E-03	8.65E-04	7.94E-03	8.67E-04	7.94E-03	8.65E-04	3.60E-01	3.24E-02	4.23E+00	4.68E-01
1788 Gridded	7.31E-03	7.87E-04	7.31E-03	7.85E-04	7.43E-03	8.24E-04	7.43E-03	8.24E-04	3.33E-04	4.42E-05	7.31E-03	7.85E-04	7.82E-03	9.77E-04	7.82E-03	9.77E-04	7.31E-03	7.87E-04	7.43E-03	8.24E-04	7.33E-03	7.90E-04	7.31E-03	7.86E-04	7.32E-03	7.88E-04	7.31E-03	7.87E-04	3.23E-01	3.52E-02	3.90E+00	4.32E-01

Scenario 2 Results

1789 Gridded	6.80E-03	8.76E-04	6.80E-03	8.73E-04	6.80E-03	9.34E-04	6.80E-03	9.34E-04	2.96E-04	5.40E-05	6.80E-03	8.73E-04	6.80E-03	1.12E-03	6.80E-03	1.12E-03	6.80E-03	8.77E-04	6.80E-03	9.34E-04	6.80E-03	8.84E-04	6.80E-03	8.75E-04	6.80E-03	8.80E-04	6.80E-03	8.77E-04	2.83E-01	3.60E-02	3.63E+00	4.94E-01
1790 Gridded	7.74E-03	1.02E-03	7.73E-03	1.01E-03	7.99E-03	1.07E-03	7.99E-03	1.07E-03	3.96E-04	6.49E-05	7.73E-03	1.01E-03	8.78E-03	1.29E-03	8.78E-03	1.29E-03	7.74E-03	1.02E-03	7.99E-03	1.07E-03	7.77E-03	1.02E-03	7.74E-03	1.02E-03	7.76E-03	1.02E-03	7.74E-03	1.02E-03	2.88E-01	3.67E-02	4.14E+00	5.74E-01
1791 Gridded	6.23E-03	1.00E-03	6.21E-03	1.00E-03	6.41E-03	1.05E-03	6.41E-03	1.05E-03	3.65E-04	6.23E-05	6.22E-03	1.00E-03	7.02E-03	1.21E-03	7.02E-03	1.21E-03	6.23E-03	1.00E-03	6.41E-03	1.05E-03	6.25E-03	1.01E-03	6.22E-03	1.00E-03	6.24E-03	1.01E-03	6.23E-03	1.00E-03	3.30E-01	4.39E-02	3.33E+00	5.49E-01
1792 Gridded	5.09E-03	8.10E-04	5.09E-03	8.06E-04	5.15E-03	8.68E-04	5.15E-03	8.68E-04	2.87E-04	5.44E-05	5.09E-03	8.07E-04	5.34E-03	1.06E-03	5.34E-03	1.06E-03	5.09E-03	8.10E-04	5.15E-03	8.68E-04	5.10E-03	8.17E-04	5.09E-03	8.09E-04	5.10E-03	8.13E-04	5.09E-03	8.11E-04	3.38E-01	4.93E-02	3.03E+00	5.02E-01
1793 Gridded	3.78E-03	8.45E-04	3.78E-03	8.42E-04	3.78E-03	8.95E-04	3.78E-03	8.95E-04	2.04E-04	4.69E-05	3.78E-03	8.43E-04	3.78E-03	1.06E-03	3.78E-03	1.06E-03	3.78E-03	8.46E-04	3.78E-03	8.95E-04	3.78E-03	8.52E-04	3.78E-03	8.44E-04	3.78E-03	8.48E-04	3.78E-03	8.46E-04	2.90E-01	5.25E-02	2.34E+00	4.91E-01
1794 Gridded	4.84E-03	9.69E-04	4.83E-03	9.65E-04	4.95E-03	1.03E-03	4.95E-03	1.03E-03	2.89E-04	5.44E-05	4.83E-03	9.66E-04	5.66E-03	1.21E-03	5.66E-03	1.21E-03	4.84E-03	9.69E-04	4.95E-03	1.03E-03	4.85E-03	9.76E-04	4.83E-03	9.68E-04	4.84E-03	9.73E-04	4.84E-03	9.70E-04	3.70E-01	6.04E-02	2.59E+00	5.54E-01
1795 Gridded	5.97E-03	1.19E-03	5.94E-03	1.18E-03	6.39E-03	1.26E-03	6.39E-03	1.26E-03	3.98E-04	7.68E-05	5.95E-03	1.18E-03	7.75E-03	1.48E-03	7.75E-03	1.48E-03	5.97E-03	1.19E-03	6.39E-03	1.26E-03	6.02E-03	1.20E-03	5.96E-03	1.18E-03	5.99E-03	1.19E-03	5.97E-03	1.19E-03	4.06E-01	7.02E-02	3.20E+00	6.49E-01
1796 Gridded	5.97E-03	1.23E-03	5.96E-03	1.22E-03	6.01E-03	1.30E-03	6.01E-03	1.30E-03	4.23E-04	8.36E-05	5.96E-03	1.22E-03	7.43E-03	1.55E-03	7.43E-03	1.55E-03	5.97E-03	1.23E-03	6.01E-03	1.30E-03	5.97E-03	1.24E-03	5.97E-03	1.23E-03	5.97E-03	1.23E-03	5.97E-03	1.23E-03	4.29E-01	8.45E-02	3.19E+00	6.97E-01
1797 Gridded	4.70E-03	1.15E-03	4.68E-03	1.15E-03	5.05E-03	1.23E-03	5.05E-03	1.23E-03	3.32E-04	7.34E-05	4.68E-03	1.15E-03	6.20E-03	1.48E-03	6.20E-03	1.48E-03	4.70E-03	1.15E-03	5.05E-03	1.23E-03	4.74E-03	1.16E-03	4.69E-03	1.15E-03	4.72E-03	1.16E-03	4.70E-03	1.15E-03	4.33E-01	6.99E-02	2.52E+00	6.74E-01
1798 Gridded	4.84E-03	9.46E-04	4.84E-03	9.42E-04	4.84E-03	1.01E-03	4.84E-03	1.01E-03	3.32E-04	6.16E-05	4.84E-03	9.42E-04	5.40E-03	1.22E-03	5.40E-03	1.22E-03	4.84E-03	9.46E-04	4.84E-03	1.01E-03	4.84E-03	9.54E-04	4.84E-03	9.45E-04	4.84E-03	9.50E-04	4.84E-03	9.47E-04	4.47E-01	9.08E-02	2.59E+00	5.35E-01
1799 Gridded	3.57E-03	7.19E-04	3.56E-03	7.16E-04	3.78E-03	7.63E-04	3.78E-03	7.63E-04	3.81E-04	4.99E-05	3.56E-03	7.17E-04	4.47E-03	9.25E-04	4.47E-03	9.25E-04	3.57E-03	7.19E-04	3.78E-03	7.63E-04	3.60E-03	7.25E-04	3.57E-03	7.18E-04	3.58E-03	7.22E-04	3.57E-03	7.20E-04	4.19E-01	1.02E-01	2.67E+00	4.23E-01
1800 Gridded	3.47E-03	6.42E-04	3.46E-03	6.38E-04	3.69E-03	6.93E-04	3.69E-03	6.93E-04	2.63E-04	4.79E-05	3.46E-03	6.39E-04	4.42E-03	8.58E-04	4.42E-03	8.58E-04	3.47E-03	6.42E-04	3.69E-03	6.93E-04	3.50E-03	6.48E-04	3.47E-03	6.41E-04	3.48E-03	6.45E-04	3.47E-03	6.42E-04	3.41E-01	6.64E-02	2.03E+00	4.19E-01
1801 Gridded	3.81E-03	6.93E-04	3.79E-03	6.90E-04	4.08E-03	7.43E-04	4.08E-03	7.43E-04	2.56E-04	4.67E-05	3.79E-03	6.90E-04	4.97E-03	9.04E-04	4.97E-03	9.04E-04	3.81E-03	6.93E-04	4.08E-03	7.43E-04	3.84E-03	6.99E-04	3.80E-03	6.92E-04	3.83E-03	6.96E-04	3.81E-03	6.94E-04	2.74E-01	6.33E-02	2.15E+00	4.04E-01
1802 Gridded	5.37E-03	7.81E-04	5.36E-03	7.77E-04	5.65E-03	8.41E-04	5.65E-03	8.41E-04	2.56E-04	5.67E-05	5.36E-03	7.78E-04	6.53E-03	1.04E-03	6.53E-03	1.04E-03	5.38E-03	7.81E-04	5.65E-03	8.41E-04	5.41E-03	7.88E-04	5.37E-03	7.80E-04	5.39E-03	7.84E-04	5.38E-03	7.82E-04	3.65E-01	8.77E-02	2.99E+00	4.43E-01
1803 Gridded	4.65E-03	1.20E-03	4.64E-03	1.20E-03	4.82E-03	1.30E-03	4.82E-03	1.30E-03	2.38E-04	9.10E-05	4.64E-03	1.20E-03	5.35E-03	1.62E-03	5.35E-03	1.62E-03	4.65E-03	1.20E-03	4.82E-03	1.30E-03	4.67E-03	1.22E-03	4.65E-03	1.20E-03	4.66E-03	1.21E-03	4.65E-03	1.21E-03	4.63E-01	5.69E-02	2.57E+00	7.46E-01
1804 Gridded	3.72E-03	1.30E-03	3.70E-03	1.30E-03	3.95E-03	1.38E-03	3.95E-03	1.38E-03	2.48E-04	7.34E-05	3.70E-03	1.30E-03	4.69E-03	1.64E-03	4.69E-03	1.64E-03	3.72E-03	1.31E-03	3.95E-03	1.38E-03	3.75E-03	1.31E-03	3.71E-03	1.30E-03	3.73E-03	1.31E-03	3.72E-03	1.31E-03	2.27E-01	9.30E-02	2.23E+00	8.61E-01
1805 Gridded	3.66E-03	1.04E-03	3.65E-03	1.03E-03	3.86E-03	1.10E-03	3.86E-03	1.10E-03	2.99E-04	5.98E-05	3.65E-03	1.04E-03	4.50E-03	1.31E-03	4.50E-03	1.31E-03	3.66E-03	1.04E-03	3.86E-03	1.10E-03	3.68E-03	1.05E-03	3.66E-03	1.04E-03	3.67E-03	1.04E-03	3.66E-03	1.04E-03	2.56E-01	6.21E-02	2.10E+00	6.11E-01
1806 Gridded	3.49E-03	6.47E-04	3.47E-03	6.44E-04	3.75E-03	6.91E-04	3.75E-03	6.91E-04	2.59E-04	4.23E-05	3.47E-03	6.45E-04	4.59E-03	8.32E-04	4.59E-03	8.32E-04	3.49E-03	6.47E-04	3.75E-03	6.91E-04	3.52E-03	6.52E-04	3.48E-03	6.46E-04	3.50E-03	6.50E-04	3.49E-03	6.48E-04	2.89E-01	5.14E-02	2.05E+00	3.94E-01
1807 Gridded	5.80E-03	7.14E-04	5.78E-03	7.10E-04	6.15E-03	7.71E-04	6.15E-03	7.71E-04	3.23E-04	5.36E-05	5.79E-03	7.11E-04	7.26E-03	9.56E-04	7.26E-03	9.56E-04	5.81E-03	7.14E-04	6.15E-03	7.71E-04	5.85E-03	7.21E-04	5.80E-03	7.12E-04	5.82E-03	7.17E-04	5.81E-03	7.14E-04	2.49E-01	5.17E-02	3.21E+00	4.37E-01
1808 Gridded	5.04E-03	8.77E-04	5.02E-03	8.74E-04	5.27E-03	9.32E-04	5.27E-03	9.32E-04	3.04E-04	5.14E-05	5.02E-03	8.74E-04	6.02E-03	1.11E-03	6.02E-03	1.11E-03	5.04E-03	8.77E-04	5.27E-03	9.32E-04	5.07E-03	8.84E-04	5.03E-03	8.76E-04	5.05E-03	8.80E-04	5.04E-03	8.78E-04	2.17E-01	5.17E-02	2.78E+00	5.47E-01
1809 Gridded	5.25E-03	7.80E-04	5.23E-03	7.77E-04	5.57E-03	8.29E-04	5.57E-03	8.29E-04	2.95E-04	4.57E-05	5.23E-03	7.77E-04	6.58E-03	9.86E-04	6.58E-03	9.86E-04	5.25E-03	7.80E-04	5.57E-03	8.29E-04	5.29E-03	7.86E-04	5.25E-03	7.79E-04	5.27E-03	7.83E-04	5.26E-03	7.80E-04	2.28E-01	4.99E-02	2.93E+00	4.88E-01
1810 Gridded	7.94E-03	8.88E-04	7.91E-03	8.84E-04	8.41E-03	9.58E-04	8.41E-03	9.58E-04	4.39E-04	6.58E-05	7.92E-03	8.85E-04	9.92E-03	1.19E-03	9.92E-03	1.19E-03	7.94E-03	8.89E-04	8.41E-03	9.58E-04	8.00E-03	8.97E-04	7.93E-03	8.87E-04	7.97E-03	8.93E-04	7.95E-03	8.89E-04	2.52E-01	5.44E-02	4.44E+00	5.58E-01
1811 Gridded	5.23E-03	1.06E-03	5.20E-03	1.06E-03	5.60E-03	1.13E-03	5.60E-03	1.13E-03	3.51E-04	6.64E-05	5.21E-03	1.06E-03	6.81E-03	1.36E-03	6.81E-03	1.36E-03	5.23E-03	1.06E-03	5.60E-03	1.13E-03	5.27E-03	1.07E-03	5.22E-03	1.06E-03	5.25E-03	1.07E-03	5.23E-03	1.06E-03	1.04E+00	6.85E-02	3.02E+00	6.68E-01
1812 Gridded	6.11E-03	1.21E-03	6.09E-03	1.20E-03	6.42E-03	1.27E-03	6.42E-03	1.27E-03	2.91E-04	6.03E-05	6.09E-03	1.20E-03	7.42E-03	1.48E-03	7.42E-03	1.48E-03	6.11E-03	1.21E-03	6.42E-03	1.27E-03	6.15E-03	1.21E-03	6.10E-03	1.21E-03	6.13E-03	1.21E-03	6.11E-03	1.21E-03	3.71E-01	7.61E-02	3.40E+00	7.53E-01
1813 Gridded	4.93E-03	1.16E-03	4.91E-03	1.16E-03	5.27E-03	1.23E-03	5.27E-03	1.23E-03	3.22E-04	6.13E-05	4.91E-03	1.16E-03	6.38E-03	1.44E-03	6.38E-03	1.44E-03	4.93E-03	1.16E-03	5.27E-03	1.23E-03	4.97E-03	1.17E-03	4.92E-03	1.16E-03	4.95E-03	1.17E-03	4.93E-03	1.16E-03	4.21E-01	6.17E-02	2.76E+00	7.09E-01
1814 Gridded	6.06E-03	7.84E-04	6.04E-03	7.81E-04	6.41E-03	8.37E-04	6.41E-03	8.37E-04	3.29E-04	6.04E-05	6.04E-03	7.81E-04	7.55E-03	1.01E-03	7.55E-03	1.01E-03	6.06E-03	7.85E-04	6.41E-03	8.37E-04	6.11E-03	7.91E-04	6.06E-03	7.83E-04	6.08E-03	7.87E-04	6.07E-03	7.85E-04	3.59E-01	5.24E-02	3.40E+00	4.68E-01
1815 Gridded	6.34E-03	7.89E-04	6.31E-03	7.85E-04	6.68E-03	8.38E-04	6.68E-03	8.38E-04	3.26E-04	4.59E-05	6.32E-03	7.86E-04	7.81E-03	9.96E-04	7.81E-03	9.96E-04	6.34E-03	7.89E-04	6.68E-03	8.38E-04	6.38E-03	7.95E-04	6.33E-03	7.88E-04	6.36E-03	7.92E-04	6.34E-03	7.89E-04	4.63E-01	6.24E-02	3.55E+00	4.98E-01
1816 Gridded	6.22E-03	5.79E-04	6.20E-03	5.76E-04	6.53E-03	6.21E-04	6.53E-03	6.21E-04	2.91E-04	3.95E-05	6.20E-03	5.77E-04	7.53E-03	7.57E-04	7.53E-03	7.57E-04	6.22E-03	5.79E-04	6.53E-03	6.21E-04	6.25E-03	5.84E-04	6.21E-03	5.78E-04	6.23E-03	5.81E-04	6.22E-03	5.79E-04	2.58E-01	5.11E-02	3.48E+00	3.83E-01
1817 Gridded	4.95E-03	6.67E-04	4.93E-03	6.64E-04	5.24E-03	7.13E-04	5.24E-03	7.13E-04	2.77E-04	5.17E-05	4.93E-03	6.65E-04	6.20E-03	8.62E-04	6.20E-03	8.62E-04	4.95E-03	6.68E-04	5.24E-03	7.13E-04	4.98E-03	6.73E-04	4.94E-03	6.66E-04	4.96E-03	6.70E-04	4.95E-03	6.68E-04	2.96E-01	5.06E-02	2.82E+00	3.94E-01
1818 Gridded	6.27E-03	8.66E-04	6.24E-03	8.63E-04	6.68E-03	9.20E-04	6.68E-03	9.20E-04	3.90E-04	5.07E-05	6.25E-03	8.63E-04	8.03E-03	1.09E-03	8.03E-03	1.09E-03	6.27E-03	8.66E-04	6.68E-03	9.20E-04	6.32E-03	8.73E-04	6.26E-03	8.65E-04	6.29E-03	8.69E-04	6.27E-03	8.67E-04	3.04E-01	5.11E-02	3.50E+00	5.23E-01
1819 Gridded	7.19E-03	8.18E-04	7.16E-03	8.15E-04	7.58E-03	8.64E-04	7.58E-03	8.64E-04	3.65E-04	4.32E-05	7.17E-03	8.15E-04	8.84E-03	1.01E-03	8.84E-03	1.01E-03	7.19E-03	8.18E-04	7.58E-03	8.64E-04	7.24E-03	8.23E-04	7.18E-03	8.17E-04	7.21E-03	8.20E-04	7.19E-03	8.18E-04	2.85E-01	5.01E-02	4.11E+00	5.05E-01
1820 Gridded	7.27E-03	5.49E-04	7.24E-03	5.47E-04	7.69E-03	5.78E-04	7.69E-03	5.78E-04	3.93E-04	3.68E-05	7.25E-03	5.47E-04	9.04E-03	6.74E-04	9.04E-03	6.74E-04	7.27E-03	5.49E-04	7.69E-03	5.78E-04	7.32E-03	5.52E-04	7.26E-03	5.48E-04	7.30E-03	5.50E-04	7.28E-03	5.49E-04	2.74E-01	5.22E-02	4.18E+00	3.49E-01
1821 Gridded	6.27E-03	4.45E-04	6.24E-03	4.44E-04	6.62E-03	4.71E-04	6.62E-03	4.71E-04	3.37E-04	3.16E-05	6.25E-03	4.44E-04	7.79E-03	5.61E-04	7.79E-03	5.61E-04	6.27E-03	4.46E-04	6.62E-03	4.71E-04	6.31E-03	4.49E-04	6.26E-03	4.45E-04	6.29E-03	4.47E-04	6.27E-03	4.46E-04	3.03E-01	3.95E-02	3.58E+00	2.76E-01
1822 Gridded	4.90E-03	8.24E-04	4.88E-03	8.20E-04	5.19E-03	8.78E-04	5.19E-03	8.78E-04	2.94E-04	5.11E-05	4.88E-03	8.21E-04	6.13E-03	1.05E-03	6.13E-03	1.05E-03	4.90E-03	8.24E-04	5.19E-03	8.78E-04	4.93E-03	8.31E-04	4.89E-03	8.23E-04	4.91E-03	8.27E-04	4.90E-03	8.24E-04	3.69E-01	4.06E-02	2.81E+00	4.73E-01
1823 Gridded	4.54E-03	8.31E-04	4.52E-03	8.28E-04	4.80E-03	8.83E-04	4.80E-03	8.83E-04	2.86E-04	5.32E-05	4.52E-03	8.29E-04	5.64E-03	1.05E-03	5.64E-03	1.05E-03	4.54E-03	8.32E-04	4.80E-03	8.83E-04	4.57E-03	8.38E-04	4.53E-03	8.30E-04	4.55E-03	8.35E-04	4.54E-03	8.32E-04	2.75E-01	3.94E-02	2.67E+00	4.81E-01
1824 Gridded	3.62E-03	8.00E-04	3.61E-03	7.97E-04	3.83E-03	8.48E-04	3.83E-03	8.48E-04	2.12E-04	4.49E-05	3.61E-03	7.98E-04	4.54E-03	1.00E-03	4.54E-03	1.00E-03	3.62E-03	8.01E-04	3.83E-03	8.48E-04	3.64E-03	8.06E-04	3.61E-03	7.99E-04	3.63E-03	8.03E-04	3.62E-03	8.01E-04	2.84E-01	4.91E-02	2.10E+00	4.77E-01
1825 Gridded	3.42E-03	5.76E-04	3.40E-03	5.73E-04	3.61E-03	6.14E-04	3.61E-03	6.14E-04	1.83E-04	3.59E-05	3.41E-03	5.74E-04	4.24E-03	7.38E-04	4.24E-03	7.38E-04	3.42E-03	5.76E-04	3.61E-03	6.14E-04	3.44E-03	5.81E-04	3.41E-03	5.75E-04	3.43E-03	5.78E-04	3.42E-03	5.76E-04	1.87E-01	3.01E-02	1.88E+00	3.48E-01
1826 Gridded	3.13E-03	6.16E-04	3.12E-03	6.13E-04	3.31E-03	6.55E-04	3.31E-03	6.55E-04	1.68E-04	3.75E-05	3.12E-03	6.13E-04	3.89E-03	7.85E-04	3.89E-03	7.85E-04	3.13E-03	6.16E-04	3.31E-03	6.55E-04	3.16E-03	6.21E-04	3.13E-03	6.15E-04	3.14E-03	6.18E-04	3.14E-03	6.16E-04	1.77E-01	2.47E-02	1.72E+00	3.63E-01
1827 Gridded	3.07E-03	5.73E-04	3.06E-03	5.71E-04	3.17E-03	6.10E-04	3.17E-03	6.10E-04	1.54E-04	3.43E-05	3.07E-03	5.71E-04	3.49E-03	7.28E-04	3.49E-03	7.28E-04	3.07E-03	5.73E-04	3.17E-03	6.10E-04	3.08E-03	5.78E-04	3.07E-03	5.72E-04	3.08E-03	5.75E-04	3.07E-03	5.74E-04	1.87E-01	2.30E-02	1.63E+00	3.43E-01
1828 Gridded	3.12E-03	4.65E-04	3.11E-03	4.63E-04	3.21E-03	4.94E-04	3.21E-03	4.94E-04	1.52E-04	2.76E-05	3.11E-03	4.63E-04	3.52E-03	5.89E-04	3.52E-03	5.89E-04	3.12E-03	4.65E-04	3.21E-03	4.94E-04	3.13E-03	4.68E-04	3.11E-03	4.64E-04	3.12E-03	4.66E-04	3.12E-03	4.65E-04	2.00E-01	2.01E-02	1.65E+00	2.82E-01
1829 Gridded	3.04E-03	3.76E-04	3.04E-03	3.75E-04	3.13E-03	3.96E-04	3.13E-03	3.96E-04	1.46E-04	2.02E-05	3.04E-03	3.75E-04	3.41E-03	4.60E-04	3.41E-03	4.60E-04	3.04E-03	3.76E-04	3.13E-03	3.96E-04	3.05E-03	3.78E-04	3.04E-03	3.75E-04	3.05E-03	3.77E-04	3.04E-03	3.76E-04	1.84E-01	1.81E-02	1.61E+00	2.08E-01
1830 Gridded	2.80E-03	4.65E-04	2.80E-03	4.63E-04	2.87E-03	4.92E-04	2.87E-03	4.92E-04	1.55E-04	2.54E-05	2.80E-03	4.63E-04	3.14E-03	5.79E-04	3.14E-03	5.79E-04	2.80E-03	4.65E-04	2.87E-03	4.92E-04	2.81E-03	4.68E-04	2.80E-03	4.64E-04	2.80E-03	4.66E-04	2.80E-03	4.65E-04	1.51E-01	1.62E-02	1.56E+00	2.55E-01
1831 Gridded	2.46E-03	4.82E-04	2.45E-03	4.80E-04	2.60E-03	5.12E-04	2.60E-03	5.12E-04	1.46E-04	2.89E-05	2.45E-03	4.80E-04	3.06E-03	6.12E-04	3.06E-03	6.12E-04	2.46E-03	4.82E-04	2.60E-03	5.12E-04	2.48E-03	4.85E-04	2.46E-03	4.81E-04	2.47E-03	4.83E-04	2.46E-03	4.82E-04	1.62E-01	2.07E-02	1.43E+00	2.69E-01
1832 Gridded	2.53E-03	4.40E-04	2.53E-03	4.38E-04	2.60E-03	4.70E-04	2.60E-03	4.70E-04	1.33E-04	2.88E-05	2.53E-03	4.38E-04	3.05E-03	5.70E-04	3.05E-03	5.70E-04	2.53E-03	4.40E-04	2.60E-03	4.70E-04	2.53E-03	4.43E-04	2.53E-03	4.39E-04	2.53E-03	4.41E-04	2.53E-03	4.40E-04	1.59E-01	2.42E-02	1.45E+00	2.54E-01
1833 Gridded	2.68E-03	3.56E-04	2.67E-03	3.54E-04	2.74E-03	3.83E-04	2.74E-03	3.83E-04	1.29E-04	2.55E-05	2.67E-03	3.55E-04	3.06E-03	4.71E-04	3.06E-03	4.71E-04	2.68E-03	3.56E-04	2.74E-03	3.83E-04	2.68E-03	3.59E-04	2.68E-03	3.55E-04	2.68E-03	3.58E-04	2.68E-03	3.56E-04	1.68E-01	2.40E-02	1.54E+00	2.16E-01
1834 Gridded	2.56E-03	2.65E-04	2.56E-03	2.64E-04	2.63E-03	2.87E-04	2.63E-03	2.87E-04	1.25E-04	2.07E-05	2.56E-03	2.64E-04	2.90E-03	3.59E-04	2.90E-03	3.59E-04	2.56E-03	2.65E-04	2.63E-03	2.87E-04	2.56E-03	2.68E-04	2.56E-03	2.65E-04	2.56E-03	2.67E-04	2.56E-03	2.66E-04	1.71E-01	2.15E-02	1.49E+00	1.72E-01
1835 Gridded	2.30E-03	2.24E-04	2.30E-03	2.23E-04	2.44E-03	2.40E-04	2.44E-03	2.40E-04	1.37E-04	1.61E-05	2.30E-03	2.23E-04	2.89E-03	2.92E-04	2.89E-03	2.92E-04	2.30E-03	2.24E-04	2.44E-03	2.40E-04	2.32E-03	2.26E-04	2.30E-03	2.24E-04	2.31E-03	2.25E-04	2.31E-03	2.24E-04	1.49E-01	1.89E-02	1.32E+00	1.38E-01
1836 Gridded	2.58E-03	3.05E-04	2.57E-03	3.04E-04	2.78E-03	3.27E-04	2.78E-03	3.27E-04	1.89E-04	2.07E-05	2.57E-03	3.04E-04	3.44E-03	3.98E-04	3.44E-03	3.98E-04	2.58E-03	3.05E-04	2.78E-03	3.27E-04	2.61E-03	3.08E-04	2.58E-03	3.05E-04	2.60E-03	3.06E-04	2.59E-03	3.05E-04	1.72E-01	2.09E-02	1.51E+00	1.86E-01
1837 Gridded	7.33E-03	8.29E-04	7.32E-03	8.26E-04	7.51E-03	8.79E-04	7.51E-03	8.79E-04	3.60E-04	4.72E-05	7.32E-03	8.26E-04	8.11E-03	1.04E-03	8.11E-03	1.04E-03	7.33E-03	8.29E-04	7.51E-03	8.79E-04	7.35E-03	8.35E-04	7.32E-03	8.28E-04	7.34E-03	8.32E-04	7.33E-03	8.30E-04	2.60E-01	3.06E-02	3.89E+00	4.58E-01
1838 Gridded	7.69E-03	9.92E-04	7.67E-03	9.88E-04	7.95E-03	1.06E-03	7.95E-03	1.06E-03	4.03E-04	6.05E-05	7.68E-03	9.89E-04	8.80E-03	1.27E-03	8.80E-03	1.27E-03	7.69E-03	9.92E-04	7.95E-03	1.06E-03	7.72E-03	1.00E-03	7.68E-03	9.91E-04	7.71E-03	9.96E-04	7.69E-03	9.93E-04	2.48E-01	3.13E-02	4.17E+00	5.54E-01
1839 Gridded	9.31E-03	1.38E-03	9.29E-03	1.37E-03	9.56E-03	1.43E-03	9.56E-03	1.43E-03	4.64E-04	6.62E-05	9.29E-03	1.38E-03	1.04E-02	1.61E-03	1.04E-02	1.61E-03	9.31E-03	1.38E-03	9.56E-03	1.43E-03	9.34E-03	1.38E-03	9.30E-03	1.38E-03	9.32E-03	1.38E-03	9.31E-03	1.38E-03	2.59E-01	3.52E-02	4.96E+00	7.40E-01
1840 Gridded	8.33E-03	1.37E-03	8.32E-03	1.37E-03	8.56E-03	1.43E-03	8.56E-03	1.43E-03	4.18E-04	6.27E-05	8.32E-03	1.37E-03	9.30E-03	1.62E-03	9.30E-03	1.62E-03	8.33E-03	1.37E-03	8.56E-03	1.43E-03	8.36E-03	1.38E-03	8.33E-03	1.37E-03	8.34E-03	1.38E-03	8.33E-03	1.37E-03	3.25E-01	4.15E-02	4.44E+00	7.40E-01
1841 Gridded	6.36E-03	1.20E-03	6.36E-03	1.20E-03	6.36E-03	1.25E-03	6.36E-03	1.25E-03	4.11E-04	5.58E-05	6.36E-03	1.20E-03	6.54E-03	1.43E-03	6.54E-03	1.43E-03	6.36E-03	1.20E-03	6.36E-03	1.25E-03	6.36E-03	1.21E-03	6.36E-03	1.20E-03	6.36E-03	1.20E-03	6.36E-03	1.20E-03	3.41E-01	4.88E-02	3.52E+00	6.57E-01
1842 Gridded	6.71E-03	9.75E-04	6.71E-03	9.72E-04	6.71E-03	1.02E-03	6.71E-03	1.02E-03	3.74E-04	5.26E-05	6.71E-03	9.73E-04	7.36E-03	1.15E-03	7.36E-03	1.15E-03	6.71E-03	9.75E-04	6.71E-03	1.02E-03	6.71E-03	9.80E-04	6.71E-03	9.74E-04	6.71E-03	9.78E-04	6.71E-03	9.76E-04	3.61E-01	5.55E-02	3.58E+00	5.57E-01
1843 Gridded	7.82E-03	1.25E-03	7.81E-03	1.25E-03	7.99E-03	1.30E-03	7.99E-03	1.30E-03	4.00E-04	6.00E-05	7.81E-03	1.25E-03	8.56E-03	1.45E-03	8.56E-03	1.45E-03	7.82E-03	1.25E-03	7.99E-03	1.30E-03	7.84E-03	1.26E-03	7.81E-03	1.25E-03	7.83E-03	1.25E-03	7.82E-03	1.25E-03	3.92E-01	5.96E-02	4.18E+00	6.70E-01
1844 Gridded	5.75E-03	1.09E-03	5.72E-03	1.08E-03	6.15E-03	1.15E-03	6.15E-03	1.15E-03	3.76E-04	6.20E-05	5.73E-03	1.08E-03	7.44E-03	1.33E-03	7.44E-03	1.33E-03	5.75E-03	1.09E-03	6.15E-03	1.15E-03	5.80E-03	1.10E-03	5.74E-03	1.09E-03	5.77E-03	1.09E-03	5.75E-03	1.09E-03	3.26E-01	5.66E-02	3.07E+00	5.85E-01
1845 Gridded	4.82E-03	9.89E-04	4.80E-03	9.84E-04	5.14E-03	1.06E-03	5.14E-03	1.06E-03	3.46E-04	7.01E-05	4.81E-03	9.85E-04	6.33E-03	1.31E-03	6.33E-03	1.31E-03	4.82E-03	9.90E-04	5.14E-03	1.06E-03	4.85E-03	9.99E-04	4.82E-03	9.88E-04	4.84E-03	9.94E-04	4.83E-03	9.90E-04	3.52E-01	6.67E-02	2.58E+00	5.72E-01
1846 Gridded	5.85E-03	1.25E-03	5.82E-03	1.24E-03	6.27E-03	1.33E-03	6.27E-03	1.33E-03	3.94E-04	7.40E-05	5.83E-03	1.24E-03	7.63E-03	1.58E-03	7.63E-03	1.58E-03	5.85E-03	1.25E-03	6.27E-03	1.33E-03	5.90E-03	1.26E-03	5.84E-03	1.25E-03	5.88E-03	1.25E-03	5.86E-03	1.25E-03	4.35E-01	6.72E-02	3.19E+00	7.10E-01
1847 Gridded	6.19E-03	1.15E-03	6.19E-03	1.15E-03	6.19E-03	1.23E-03	6.19E-03	1.23E-03	4.03E-04	7.53E-05	6.19E-03	1.15E-03	7.54E-03	1.49E-03	7.54E-03	1.49E-03	6.19E-03	1.15E-03	6.19E-03	1.23E-03	6.19E-03	1.16E-03	6.19E-03	1.15E-03	6.19E-03	1.16E-03	6.19E-03	1.15E-03	4.33E-01	7.69E-02	3.31E+00	6.73E-01
1848 Gridded	4.17E-03	7.56E-04	4.17E-03	7.53E-04	4.24E-03	8.09E-04	4.24E-03	8.09E-04	3.40E-04	5.00E-05	4.17E-03	7.53E-04	4.99E-03	9.82E-04	4.99E-03	9.82E-04	4.18E-03	7.56E-04	4.24E-03	8.09E-04	4.18E-03	7.63E-04	4.17E-03	7.55E-04	4.18E-03	7.59E-04	4.18E-03	7.57E-04	3.92E-01	7.99E-02	2.53E+00	4.42E-01
1849 Gridded	3.41E-03	6.62E-04	3.41E-03	6.58E-04	3.41E-03	7.17E-04	3.41E-03	7.17E-04	2.69E-04	5.17E-05	3.41E-03	6.59E-04	3.99E-03	8.95E-04	3.99E-03	8.95E-04	3.41E-03	6.62E-04	3.41E-03	7.17E-04	3.41E-03	6.69E-04	3.41E-03	6.61E-04	3.41E-03	6.65E-04	3.41E-03	6.62E-04	4.13E-01	9.23E-02	2.26E+00	3.79E-01
1850 Gridded	4.02E-03	6.91E-04	4.02E-03	6.87E-04	4.02E-03	7.47E-04	4.02E-03	7.47E-04	3.28E-04	5.24E-05	4.02E-03	6.88E-04	5.04E-03	9.27E-04	5.04E-03	9.27E-04	4.02E-03	6.91E-04	4.02E-03	7.47E-04	4.02E-03	6.98E-04	4.02E-03	6.90E-04	4.02E-03	6.94E-04	4.02E-03	6.92E-04	3.66E-01	6.28E-02	2.15E+00	4.52E-01
1851 Gridded	5.27E-03	8.91E-04	5.27E-03	8.88E-04	5.28E-03	9.42E-04	5.28E-03	9.42E-04	3.61E-04	5.98E-05	5.27E-03	8.88E-04	5.44E-03	1.11E-03	5.44E-03	1.11E-03	5.27E-03	8.91E-04	5.28E-03	9.42E-04	5.27E-03	8.97E-04	5.27E-03	8.90E-04	5.27E-03	8.94E-04	5.27E-03	8.92E-04	3.52E-01	8.14E-02	2.82E+00	5.06E-01
1852 Gridded	4.84E-03	9.76E-04	4.82E-03	9.71E-04	5.09E-03	1.05E-03	5.09E-03	1.05E-03	3.64E-04	7.21E-05	4.82E-03	9.72E-04	5.92E-03	1.30E-03	5.92E-03	1.30E-03	4.84E-03	9.77E-04	5.09E-03	1.05E-03	4.87E-03	9.86E-04	4.83E-03	9.75E-04	4.85E-03	9.81E-04	4.84E-03	9.77E-04	4.18E-01	1.05E-01	2.68E+00	5.45E-01
1853 Gridded	4.65E-03	1.14E-03	4.64E-03	1.14E-03	4.83E-03	1.23E-03	4.83E-03	1.23E-03	2.22E-04	8.53E-05	4.64E-03	1.14E-03	5.43E-03	1.53E-03	5.43E-03	1.53E-03	4.65E-03	1.14E-03	4.83E-03	1.23E-03	4.67E-03	1.15E-03	4.64E-03	1.14E-03	4.66E-03	1.15E-03	4.65E-03	1.14E-03	4.11E-01	6.22E-02	2.57E+00	6.90E-01
1854 Gridded	3.29E-03	1.25E-03	3.28E-03	1.25E-03	3.52E-03	1.33E-03	3.52E-03	1.33E-03	2.25E-04	7.31E-05	3.28E-03	1.25E-03	4.27E-03	1.58E-03	4.27E-03	1.58E-03	3.29E-03	1.25E-03	3.52E-03	1.33E-03	3.32E-03	1.26E-03	3.29E-03	1.25E-03	3.31E-03	1.26E-03	3.30E-03	1.25E-03	2.29E-01	8.01E-02	1.98E+00	8.22E-01
1855 Gridded	3.86E-03	1.05E-03	3.85E-03	1.05E-03	3.88E-03	1.12E-03	3.88E-03	1.12E-03	2.75E-04	6.40E-05	3.85E-03	1.05E-03	4.40E-03	1.33E-03	4.40E-03	1.33E-03	3.86E-03	1.05E-03	3.88E-03	1.12E-03	3.86E-03	1.06E-03	3.85E-03	1.05E-03	3.86E-03	1.05E-03	3.86E-03	1.05E-03	2.66E-01	8.75E-02	2.41E+00	6.17E-01
1856 Gridded	3.45E-03	7.33E-04	3.44E-03	7.31E-04	3.66E-03	7.71E-04	3.66E-03	7.71E-04	2.70E-04	4.06E-05	3.44E-03	7.31E-04	4.35E-03	8.95E-04	4.35E-03	8.95E-04	3.45E-03	7.33E-04	3.66E-03	7.71E-04	3.48E-03	7.38E-04	3.45E-03	7.32E-04	3.47E-03	7.35E-04	3.46E-03	7.34E-04	2.67E-01	6.21E-02	2.05E+00	4.49E-01
1857 Gridded	4.39E-03	7.16E-04	4.37E-03	7.12E-04	4.69E-03	7.72E-04	4.69E-03	7.72E-04	3.26E-04	5.29E-05	4.37E-03	7.13E-04	5.64E-03	9.55E-04	5.64E-03	9.55E-04	4.39E-03	7.16E-04	4.69E-03	7.72E-04	4.43E-03	7.23E-04	4.38E-03	7.15E-04	4.41E-03	7.19E-04	4.39E-03	7.17E-04	2.61E-01	4.83E-02	2.44E+00	4.62E-01
1858 Gridded	5.55E-03	8.06E-04	5.53E-03	8.02E-04	5.86E-03	8.65E-04	5.86E-03	8.65E-04	4.24E-04	5.55E-05	5.54E-03	8.03E-04	6.84E-03	1.06E-03	6.84E-03	1.06E-03	5.56E-03	8.06E-04	5.86E-03	8.65E-04	5.59E-03	8.14E-04	5.55E-03	8.05E-04	5.57E-03	8.10E-04	5.56E-03	8.07E-04	2.00E-01	4.97E-02	3.05E+00	4.95E-01
1859 Gridded	3.97E-03	8.13E-04	3.96E-03	8.10E-04	4.15E-03	8.58E-04	4.15E-03	8.58E-04	2.01E-04	4.36E-05	3.96E-03	8.11E-04	4.72E-03	1.00E-03	4.72E-03	1.00E-03	3.97E-03	8.13E-04	4.15E-03	8.58E-04	3.99E-03	8.19E-04	3.97E-03	8.12E-04	3.98E-03	8.16E-04	3.97E-03	8.14E-04	2.08E-01	4.75E-02	2.19E+00	5.05E-01
1860 Gridded	5.25E-03	7.46E-04	5.23E-03	7.43E-04	5.55E-03	7.87E-04	5.55E-03	7.87E-04	2.83E-04	3.91E-05	5.23E-03	7.44E-04	6.52E-03	9.22E-04	6.52E-03	9.22E-04	5.25E-03	7.46E-04	5.55E-03	7.87E-04	5.28E-03	7.51E-04	5.24E-03	7.45E-04	5.26E-03	7.48E-04	5.25E-03	7.46E-04	2.01E-01	4.36E-02	2.88E+00	4.61E-01
1861 Gridded	7.15E-03	8.72E-04	7.12E-03	8.68E-04	7.57E-03	9.35E-04	7.57E-03	9.35E-04	4.01E-04	5.90E-05	7.12E-03	8.69E-04	8.96E-03	1.14E-03	8.96E-03	1.14E-03	7.15E-03	8.73E-04	7.57E-03	9.35E-04	7.20E-03	8.80E-04	7.14E-03	8.71E-04	7.17E-03	8.76E-04	7.15E-03	8.73E-04	2.52E-01	5.14E-02	3.94E+00	5.45E-01
1862 Gridded	4.52E-03	9.39E-04	4.49E-03	9.35E-04	4.86E-03	1.00E-03	4.86E-03	1.00E-03	3.23E-04	5.86E-05	4.50E-03	9.35E-04	5.97E-03	1.20E-03	5.97E-03	1.20E-03	4.52E-03	9.39E-04	4.86E-03	1.00E-03	4.56E-03	9.46E-04	4.51E-03	9.37E-04	4.54E-03	9.42E-04	4.52E-03	9.39E-04	8.80E-01	5.72E-02	2.58E+00	5.85E-01
1863 Gridded	5.47E-03	1.14E-03	5.45E-03	1.14E-03	5.75E-03	1.21E-03	5.75E-03	1.21E-03	2.58E-04	5.95E-05	5.46E-03	1.14E-03	6.63E-03	1.41E-03	6.63E-03	1.41E-03	5.47E-03	1.14E-03	5.75E-03	1.21E-03	5.51E-03	1.15E-03	5.47E-03	1.14E-03	5.49E-03	1.15E-03	5.48E-03	1.14E-03	4.22E-01	6.57E-02	3.03E+00	7.05E-01
1864 Gridded	4.03E-03	1.10E-03	4.01E-03	1.10E-03	4.32E-03	1.17E-03	4.32E-03	1.17E-03	2.75E-04	6.32E-05	4.01E-03	1.10E-03	5.26E-03	1.39E-03	5.26E-03	1.39E-03	4.03E-03	1.10E-03	4.32E-03	1.17E-03	4.07E-03	1.11E-03	4.02E-03	1.10E-03	4.05E-03	1.10E-03	4.03E-03	1.10E-03	3.36E-01	5.38E-02	2.23E+00	6.64E-01
1865 Gridded	5.27E-03	6.47E-04	5.25E-03	6.44E-04	5.60E-03	6.92E-04	5.60E-03	6.92E-04	3.11E-04	4.74E-05	5.25E-03	6.44E-04	6.66E-03	8.39E-04	6.66E-03	8.39E-04	5.27E-03	6.47E-04	5.60E-03	6.92E-04	5.31E-03	6.52E-04	5.27E-03	6.46E-04	5.29E-03	6.49E-04	5.28E-03	6.47E-04	2.99E-01	5.18E-02	2.94E+00	3.81E-01
1866 Gridded	5.42E-03	8.86E-04	5.40E-03	8.83E-04	5.70E-03	9.42E-04	5.70E-03	9.42E-04	2.69E-04	5.24E-05	5.40E-03	8.83E-04	6.63E-03	1.12E-03	6.63E-03	1.12E-03	5.42E-03	8.86E-04	5.70E-03	9.42E-04	5.45E-03	8.93E-04	5.41E-03	8.85E-04	5.43E-03	8.90E-04	5.42E-03	8.87E-04	4.11E-01	6.21E-02	3.04E+00	5.38E-01
1867 Gridded	6.27E-03	5.61E-04	6.25E-03	5.58E-04	6.60E-03	5.97E-04	6.60E-03	5.97E-04	3.10E-04	3.94E-05	6.25E-03	5.59E-04	7.67E-03	7.14E-04	7.67E-03	7.14E-04	6.27E-03	5.61E-04	6.60E-03	5.97E-04	6.31E-03	5.65E-04	6.27E-03	5.60E-04	6.29E-03	5.63E-04	6.28E-03	5.61E-04	2.45E-01	5.46E-02	3.47E+00	3.80E-01
1868 Gridded	4.86E-03	5.92E-04	4.85E-03	5.89E-04	5.11E-03	6.34E-04	5.11E-03	6.34E-04	2.98E-04	4.56E-05	4.85E-03	5.89E-04	5.90E-03	7.71E-04	5.90E-03	7.71E-04	4.86E-03	5.92E-04	5.11E-03	6.34E-04	4.89E-03	5.97E-04	4.86E-03	5.91E-04	4.88E-03	5.94E-04	4.87E-03	5.92E-04	3.44E-01	5.18E-02	2.69E+00	3.92E-01
1869 Gridded	3.89E-03	7.39E-04	3.88E-03	7.36E-04	4.12E-03	7.87E-04	4.12E-03	7.87E-04	3.04E-04	4.87E-05	3.88E-03	7.36E-04	4.86E-03	9.42E-04	4.86E-03	9.42E-04	3.89E-03	7.39E-04	4.12E-03	7.87E-04	3.92E-03	7.45E-04	3.89E-03	7.38E-04	3.91E-03	7.42E-04	3.90E-03	7.39E-04	2.64E-01	4.71E-02	2.18E+00	4.48E-01
1870 Gridded	5.31E-03	8.33E-04	5.29E-03	8.30E-04	5.65E-03	8.84E-04	5.65E-03	8.84E-04	3.35E-04	5.61E-05	5.29E-03	8.31E-04	6.76E-03	1.05E-03	6.76E-03	1.05E-03	5.31E-03	8.34E-04	5.65E-03	8.84E-04	5.35E-03	8.40E-04	5.30E-03	8.32E-04	5.33E-03	8.36E-04	5.31E-03	8.34E-04	2.51E-01	4.69E-02	2.94E+00	5.04E-01
1871 Gridded	6.77E-03	7.17E-04	6.74E-03	7.14E-04	7.17E-03	7.57E-04	7.17E-03	7.57E-04	3.83E-04	3.73E-05	6.74E-03	7.15E-04	8.49E-03	8.85E-04	8.49E-03	8.85E-04	6.77E-03	7.17E-04	7.17E-03	7.57E-04	6.82E-03	7.22E-04	6.76E-03	7.16E-04	6.79E-03	7.19E-04	6.77E-03	7.17E-04	2.50E-01	4.69E-02	3.91E+00	4.44E-01
1872 Gridded	7.93E-03	6.49E-04	7.90E-03	6.46E-04	8.41E-03	6.97E-04	8.41E-03	6.97E-04	4.47E-04	4.51E-05	7.91E-03	6.47E-04	9.95E-03	8.53E-04	9.95E-03	8.53E-04	7.93E-03	6.50E-04	8.41E-03	6.97E-04	7.99E-03	6.55E-04	7.92E-03	6.48E-04	7.96E-03	6.52E-04	7.94E-03	6.50E-04	2.91E-01	5.52E-02	4.56E+00	3.73E-01
1873 Gridded	6.83E-03	4.33E-04	6.80E-03	4.31E-04	7.24E-03	4.62E-04	7.24E-03	4.62E-04	3.91E-04	3.47E-05	6.81E-03	4.31E-04	8.59E-03	5.65E-04	8.59E-03	5.65E-04	6.83E-03	4.33E-04	7.24E-03	4.62E-04	6.88E-03	4.36E-04	6.82E-03	4.32E-04	6.85E-03	4.35E-04	6.83E-03	4.33E-04	3.25E-01	4.21E-02	3.92E+00	2.73E-01
1874 Gridded	5.22E-03	7.02E-04	5.20E-03	6.99E-04	5.49E-03	7.50E-04	5.49E-03	7.50E-04	2.78E-04	4.48E-05	5.20E-03	7.00E-04	6.38E-03	9.05E-04	6.38E-03	9.05E-04	5.22E-03	7.03E-04	5.49E-03	7.50E-04	5.25E-03	7.08E-04	5.21E-03	7.01E-04	5.23E-03	7.05E-04	5.22E-03	7.03E-04	3.37E-01	3.84E-02	2.98E+00	4.06E-01
1875 Gridded	4.41E-03	7.31E-04	4.40E-03	7.27E-04	4.67E-03	7.83E-04	4.67E-03	7.83E-04	2.76E-04	4.92E-05	4.40E-03	7.28E-04	5.50E-03	9.52E-04	5.50E-03	9.52E-04	4.41E-03	7.31E-04	4.67E-03	7.83E-04	4.44E-03	7.37E-04	4.41E-03	7.29E-04	4.43E-03	7.34E-04	4.42E-03	7.31E-04	2.43E-01	3.19E-02	2.58E+00	4.22E-01
1876 Gridded	3.47E-03	7.40E-04	3.46E-03	7.37E-04	3.67E-03	7.84E-04	3.67E-03	7.84E-04	2.03E-04	4.16E-05	3.46E-03	7.38E-04	4.31E-03	9.28E-04	4.31E-03	9.28E-04	3.47E-03	7.40E-04	3.67E-03	7.84E-04	3.50E-03	7.45E-04	3.47E-03	7.39E-04	3.48E-03	7.43E-04	3.47E-03	7.41E-04	2.39E-01	4.21E-02	2.09E+00	4.36E-01
1877 Gridded	3.12E-03	5.82E-04	3.11E-03	5.80E-04	3.30E-03	6.16E-04	3.30E-03	6.16E-04	1.68E-04	3.24E-05	3.11E-03	5.80E-04	3.87E-03	7.28E-04	3.87E-03	7.28E-04	3.12E-03	5.82E-04	3.30E-03	6.16E-04	3.14E-03	5.86E-04	3.11E-03	5.81E-04	3.13E-03	5.84E-04	3.12E-03	5.82E-04	1.78E-01	2.94E-02	1.83E+00	3.52E-01
1878 Gridded	2.97E-03	5.58E-04	2.96E-03	5.56E-04	3.14E-03	5.95E-04	3.14E-03	5.95E-04	1.59E-04	3.40E-05	2.96E-03	5.56E-04	3.69E-03	7.12E-04	3.69E-03	7.12E-04	2.97E-03	5.59E-04	3.14E-03	5.95E-04	3.00E-03	5.63E-04	2.97E-03	5.58E-04	2.98E-03	5.61E-04	2.98E-03	5.59E-04	1.81E-01	2.99E-02	1.62E+00	3.27E-01
1879 Gridded	2.88E-03	5.65E-04	2.87E-03	5.63E-04	2.92E-03	6.01E-04	2.92E-03	6.01E-04	1.64E-04	3.39E-05	2.88E-03	5.63E-04	3.39E-03	7.18E-04	3.39E-03	7.18E-04	2.88E-03	5.66E-04	2.92E-03	6.01E-04	2.88E-03	5.70E-04	2.88E-03	5.65E-04	2.88E-03	5.68E-04	2.88E-03	5.66E-04	1.76E-01	2.54E-02	1.53E+00	3.35E-01
1880 Gridded	2.77E-03	4.93E-04	2.77E-03	4.91E-04	2.82E-03	5.25E-04	2.82E-03	5.25E-04	1.39E-04	2.93E-05	2.77E-03	4.92E-04	3.02E-03	6.26E-04	3.02E-03	6.26E-04	2.77E-03	4.94E-04	2.82E-03	5.25E-04	2.78E-03	4.97E-04	2.77E-03	4.93E-04	2.78E-03	4.95E-04	2.77E-03	4.94E-04	1.58E-01	2.10E-02	1.47E+00	2.95E-01
1881 Gridded	2.54E-03	3.96E-04	2.54E-03	3.94E-04	2.58E-03	4.21E-04	2.58E-03	4.21E-04	1.39E-04	2.35E-05	2.54E-03	3.94E-04	3.00E-03	5.02E-04	3.00E-03	5.02E-04	2.54E-03	3.96E-04	2.58E-03	4.21E-04	2.54E-03	3.99E-04	2.54E-03	3.95E-04	2.54E-03	3.97E-04	2.54E-03	3.96E-04	1.68E-01	1.93E-02	1.34E+00	2.40E-01
1882 Gridded	2.23E-03	3.55E-04	2.22E-03	3.53E-04	2.36E-03	3.73E-04	2.36E-03	3.73E-04	1.26E-04	1.71E-05	2.22E-03	3.54E-04	2.79E-03	4.32E-04	2.79E-03	4.32E-04	2.23E-03	3.55E-04	2.36E-03	3.73E-04	2.24E-03	3.57E-04	2.23E-03	3.54E-04	2.24E-03	3.56E-04	2.23E-03	3.55E-04	1.52E-01	1.71E-02	1.26E+00	1.92E-01
1883 Gridded	2.32E-03	4.26E-04	2.31E-03	4.25E-04	2.41E-03	4.50E-04	2.41E-03	4.50E-04	1.30E-04	2.24E-05	2.31E-03	4.25E-04	2.76E-03	5.27E-04	2.76E-03	5.27E-04	2.32E-03	4.26E-04	2.41E-03	4.50E-04	2.33E-03	4.29E-04	2.32E-03	4.26E-04	2.32E-03	4.28E-04	2.32E-03	4.26E-04	1.27E-01	1.56E-02	1.39E+00	2.33E-01

Scenario 2 Results

1884 Gridded	2.55E-03	4.56E-04	2.54E-03	4.55E-04	2.63E-03	4.84E-04	2.63E-03	4.84E-04	1.29E-04	2.63E-05	2.54E-03	4.55E-04	2.91E-03	5.75E-04	2.91E-03	5.75E-04	2.55E-03	4.57E-04	2.63E-03	4.84E-04	2.56E-03	4.60E-04	2.55E-03	4.56E-04	2.55E-03	4.58E-04	2.55E-03	4.57E-04	1.42E-01	1.99E-02	1.35E+00	2.54E-01
1885 Gridded	2.54E-03	4.24E-04	2.53E-03	4.22E-04	2.61E-03	4.53E-04	2.61E-03	4.53E-04	1.22E-04	2.68E-05	2.53E-03	4.22E-04	2.85E-03	5.45E-04	2.85E-03	5.45E-04	2.54E-03	4.24E-04	2.61E-03	4.53E-04	2.55E-03	4.28E-04	2.53E-03	4.23E-04	2.54E-03	4.26E-04	2.54E-03	4.24E-04	1.44E-01	2.36E-02	1.33E+00	2.42E-01
1886 Gridded	2.48E-03	3.85E-04	2.48E-03	3.83E-04	2.51E-03	4.13E-04	2.51E-03	4.13E-04	1.25E-04	2.68E-05	2.48E-03	3.83E-04	2.83E-03	5.06E-04	2.83E-03	5.06E-04	2.48E-03	3.85E-04	2.51E-03	4.13E-04	2.49E-03	3.88E-04	2.48E-03	3.84E-04	2.49E-03	3.86E-04	2.48E-03	3.85E-04	1.88E-01	2.83E-02	1.43E+00	2.28E-01
1887 Gridded	3.81E-03	4.17E-04	3.80E-03	4.15E-04	4.09E-03	4.45E-04	4.09E-03	4.45E-04	2.63E-04	2.86E-05	3.80E-03	4.16E-04	5.00E-03	5.36E-04	5.00E-03	5.36E-04	3.81E-03	4.17E-04	4.09E-03	4.45E-04	3.85E-03	4.21E-04	3.81E-03	4.17E-04	3.83E-03	4.19E-04	3.82E-03	4.18E-04	3.09E-01	3.91E-02	2.59E+00	2.62E-01
1888 Gridded	8.20E-03	1.30E-03	8.19E-03	1.30E-03	8.40E-03	1.35E-03	8.40E-03	1.35E-03	4.13E-04	5.94E-05	8.19E-03	1.30E-03	9.04E-03	1.52E-03	9.04E-03	1.52E-03	8.20E-03	1.30E-03	8.40E-03	1.35E-03	8.22E-03	1.31E-03	8.20E-03	1.30E-03	8.21E-03	1.31E-03	8.20E-03	1.31E-03	2.28E-01	3.10E-02	4.35E+00	6.99E-01
1889 Gridded	9.21E-03	1.55E-03	9.20E-03	1.55E-03	9.44E-03	1.62E-03	9.44E-03	1.62E-03	4.27E-04	6.09E-05	9.20E-03	1.55E-03	1.02E-02	1.83E-03	1.02E-02	1.83E-03	9.21E-03	1.55E-03	9.44E-03	1.62E-03	9.24E-03	1.56E-03	9.21E-03	1.55E-03	9.23E-03	1.56E-03	9.22E-03	1.55E-03	2.87E-01	3.57E-02	4.90E+00	8.33E-01
1890 Gridded	8.13E-03	1.63E-03	8.11E-03	1.63E-03	8.32E-03	1.70E-03	8.32E-03	1.70E-03	4.94E-04	6.53E-05	8.12E-03	1.63E-03	8.93E-03	1.93E-03	8.93E-03	1.93E-03	8.13E-03	1.63E-03	8.32E-03	1.70E-03	8.15E-03	1.64E-03	8.12E-03	1.63E-03	8.14E-03	1.64E-03	8.13E-03	1.63E-03	2.96E-01	4.18E-02	4.33E+00	8.84E-01
1891 Gridded	7.39E-03	1.06E-03	7.39E-03	1.06E-03	7.39E-03	1.11E-03	7.39E-03	1.11E-03	3.92E-04	5.28E-05	7.39E-03	1.06E-03	7.95E-03	1.26E-03	7.95E-03	1.26E-03	7.39E-03	1.06E-03	7.39E-03	1.11E-03	7.39E-03	1.07E-03	7.39E-03	1.06E-03	7.39E-03	1.06E-03	7.39E-03	1.06E-03	3.25E-01	4.79E-02	3.98E+00	5.96E-01
1892 Gridded	7.57E-03	1.10E-03	7.57E-03	1.10E-03	7.57E-03	1.13E-03	7.57E-03	1.13E-03	3.50E-04	5.47E-05	7.57E-03	1.10E-03	7.82E-03	1.25E-03	7.82E-03	1.25E-03	7.57E-03	1.10E-03	7.57E-03	1.13E-03	7.57E-03	1.10E-03	7.57E-03	1.10E-03	7.57E-03	1.10E-03	7.57E-03	1.10E-03	3.42E-01	5.25E-02	4.04E+00	5.85E-01
1893 Gridded	8.82E-03	1.67E-03	8.78E-03	1.67E-03	9.37E-03	1.75E-03	9.37E-03	1.75E-03	5.25E-04	7.02E-05	8.79E-03	1.67E-03	1.12E-02	1.99E-03	1.12E-02	1.99E-03	8.82E-03	1.67E-03	9.37E-03	1.75E-03	8.89E-03	1.68E-03	8.80E-03	1.67E-03	8.85E-03	1.68E-03	8.82E-03	1.67E-03	3.15E-01	5.59E-02	4.70E+00	8.93E-01
1894 Gridded	1.11E-02	1.93E-03	1.11E-02	1.92E-03	1.11E-02	2.04E-03	1.11E-02	2.04E-03	5.92E-04	1.01E-04	1.11E-02	1.92E-03	1.25E-02	2.38E-03	1.25E-02	2.38E-03	1.11E-02	1.93E-03	1.11E-02	2.04E-03	1.11E-02	1.94E-03	1.11E-02	1.93E-03	1.11E-02	1.93E-03	1.11E-02	1.93E-03	3.40E-01	7.44E-02	5.95E+00	1.04E+00
1895 Gridded	7.55E-03	1.31E-03	7.51E-03	1.31E-03	8.02E-03	1.39E-03	8.02E-03	1.39E-03	4.89E-04	8.31E-05	7.52E-03	1.31E-03	9.55E-03	1.64E-03	9.55E-03	1.64E-03	7.55E-03	1.31E-03	8.02E-03	1.39E-03	7.60E-03	1.32E-03	7.54E-03	1.31E-03	7.57E-03	1.32E-03	7.55E-03	1.31E-03	3.97E-01	7.09E-02	4.05E+00	7.28E-01
1896 Gridded	7.82E-03	1.54E-03	7.79E-03	1.54E-03	8.33E-03	1.64E-03	8.33E-03	1.64E-03	4.79E-04	9.24E-05	7.80E-03	1.54E-03	9.98E-03	1.96E-03	9.98E-03	1.96E-03	7.82E-03	1.54E-03	8.33E-03	1.64E-03	7.89E-03	1.55E-03	7.81E-03	1.54E-03	7.85E-03	1.55E-03	7.83E-03	1.54E-03	4.00E-01	6.67E-02	4.18E+00	8.69E-01
1897 Gridded	8.14E-03	1.04E-03	8.14E-03	1.04E-03	8.14E-03	1.12E-03	8.14E-03	1.12E-03	4.13E-04	6.92E-05	8.14E-03	1.04E-03	8.19E-03	1.35E-03	8.19E-03	1.35E-03	8.14E-03	1.04E-03	8.14E-03	1.12E-03	8.14E-03	1.05E-03	8.14E-03	1.04E-03	8.14E-03	1.05E-03	8.14E-03	1.04E-03	4.09E-01	7.79E-02	4.34E+00	6.08E-01
1898 Gridded	4.73E-03	7.02E-04	4.72E-03	6.99E-04	5.06E-03	7.38E-04	5.06E-03	7.38E-04	3.42E-04	4.47E-05	4.72E-03	7.00E-04	6.19E-03	8.65E-04	6.19E-03	8.65E-04	4.73E-03	7.02E-04	5.06E-03	7.38E-04	4.75E-03	7.06E-04	4.72E-03	7.01E-04	4.73E-03	7.04E-04	4.73E-03	7.02E-04	3.68E-01	8.35E-02	2.89E+00	4.06E-01
1899 Gridded	3.58E-03	6.21E-04	3.58E-03	6.17E-04	3.72E-03	6.73E-04	3.72E-03	6.73E-04	2.01E-04	4.90E-05	3.58E-03	6.18E-04	4.30E-03	8.42E-04	4.30E-03	8.42E-04	3.58E-03	6.21E-04	3.72E-03	6.73E-04	3.58E-03	6.27E-04	3.58E-03	6.20E-04	3.58E-03	6.24E-04	3.58E-03	6.22E-04	3.44E-01	7.95E-02	1.94E+00	3.49E-01
1900 Gridded	4.18E-03	6.84E-04	4.18E-03	6.80E-04	4.18E-03	7.39E-04	4.18E-03	7.39E-04	3.28E-04	5.20E-05	4.18E-03	6.81E-04	4.68E-03	9.18E-04	4.68E-03	9.18E-04	4.18E-03	6.84E-04	4.18E-03	7.39E-04	4.18E-03	6.91E-04	4.18E-03	6.83E-04	4.18E-03	6.87E-04	4.18E-03	6.84E-04	3.43E-01	5.77E-02	2.24E+00	4.50E-01
1901 Gridded	3.30E-03	6.95E-04	3.30E-03	6.92E-04	3.31E-03	7.35E-04	3.31E-03	7.35E-04	2.33E-04	4.40E-05	3.30E-03	6.92E-04	3.98E-03	8.64E-04	3.98E-03	8.64E-04	3.30E-03	6.95E-04	3.31E-03	7.35E-04	3.30E-03	7.00E-04	3.30E-03	6.94E-04	3.30E-03	6.97E-04	3.30E-03	6.95E-04	2.41E-01	6.32E-02	1.77E+00	3.90E-01
1902 Gridded	4.21E-03	9.22E-04	4.19E-03	9.17E-04	4.43E-03	9.93E-04	4.43E-03	9.93E-04	3.33E-04	6.72E-05	4.19E-03	9.18E-04	5.17E-03	1.23E-03	5.17E-03	1.23E-03	4.21E-03	9.22E-04	4.43E-03	9.93E-04	4.24E-03	9.31E-04	4.20E-03	9.20E-04	4.22E-03	9.26E-04	4.21E-03	9.23E-04	3.69E-01	9.29E-02	2.31E+00	5.12E-01
1903 Gridded	4.28E-03	1.22E-03	4.27E-03	1.21E-03	4.47E-03	1.31E-03	4.47E-03	1.31E-03	3.60E-04	8.93E-05	4.27E-03	1.21E-03	5.05E-03	1.62E-03	5.05E-03	1.62E-03	4.28E-03	1.22E-03	4.47E-03	1.31E-03	4.31E-03	1.23E-03	4.28E-03	1.21E-03	4.29E-03	1.22E-03	4.29E-03	1.22E-03	4.74E-01	8.26E-02	2.35E+00	7.16E-01
1904 Gridded	5.49E-03	1.34E-03	5.48E-03	1.34E-03	5.60E-03	1.43E-03	5.60E-03	1.43E-03	2.79E-04	8.12E-05	5.49E-03	1.34E-03	5.94E-03	1.71E-03	5.94E-03	1.71E-03	5.49E-03	1.34E-03	5.60E-03	1.43E-03	5.50E-03	1.35E-03	5.49E-03	1.34E-03	5.50E-03	1.35E-03	5.49E-03	1.34E-03	3.52E-01	7.54E-02	2.95E+00	8.69E-01
1905 Gridded	4.72E-03	1.06E-03	4.72E-03	1.05E-03	4.81E-03	1.13E-03	4.81E-03	1.13E-03	2.85E-04	6.82E-05	4.72E-03	1.06E-03	5.10E-03	1.37E-03	5.10E-03	1.37E-03	4.73E-03	1.06E-03	4.81E-03	1.13E-03	4.74E-03	1.07E-03	4.72E-03	1.06E-03	4.73E-03	1.06E-03	4.73E-03	1.06E-03	3.05E-01	9.78E-02	2.85E+00	6.70E-01
1906 Gridded	3.38E-03	9.13E-04	3.38E-03	9.09E-04	3.51E-03	9.69E-04	3.51E-03	9.69E-04	2.71E-04	5.31E-05	3.38E-03	9.09E-04	4.20E-03	1.15E-03	4.20E-03	1.15E-03	3.38E-03	9.13E-04	3.51E-03	9.69E-04	3.38E-03	9.20E-04	3.38E-03	9.11E-04	3.38E-03	9.16E-04	3.38E-03	9.13E-04	3.45E-01	7.49E-02	2.08E+00	6.04E-01
1907 Gridded	3.29E-03	6.17E-04	3.27E-03	6.14E-04	3.48E-03	6.56E-04	3.48E-03	6.56E-04	2.79E-04	4.62E-05	3.27E-03	6.14E-04	4.11E-03	7.86E-04	4.11E-03	7.86E-04	3.29E-03	6.17E-04	3.48E-03	6.56E-04	3.31E-03	6.22E-04	3.28E-03	6.16E-04	3.30E-03	6.19E-04	3.29E-03	6.17E-04	2.66E-01	5.77E-02	1.97E+00	3.73E-01
1908 Gridded	4.92E-03	6.85E-04	4.90E-03	6.82E-04	5.22E-03	7.31E-04	5.22E-03	7.31E-04	3.72E-04	4.61E-05	4.90E-03	6.83E-04	6.21E-03	8.80E-04	6.21E-03	8.80E-04	4.92E-03	6.86E-04	5.22E-03	7.31E-04	4.96E-03	6.91E-04	4.91E-03	6.84E-04	4.94E-03	6.88E-04	4.92E-03	6.86E-04	2.20E-01	4.84E-02	2.70E+00	4.45E-01
1909 Gridded	4.85E-03	8.27E-04	4.84E-03	8.23E-04	5.10E-03	8.83E-04	5.10E-03	8.83E-04	3.79E-04	5.24E-05	4.84E-03	8.24E-04	5.92E-03	1.06E-03	5.92E-03	1.06E-03	4.85E-03	8.27E-04	5.10E-03	8.83E-04	4.89E-03	8.34E-04	4.85E-03	8.26E-04	4.87E-03	8.30E-04	4.86E-03	8.28E-04	2.15E-01	4.29E-02	2.66E+00	5.09E-01
1910 Gridded	3.08E-03	6.97E-04	3.07E-03	6.95E-04	3.22E-03	7.33E-04	3.22E-03	7.33E-04	2.39E-04	3.96E-05	3.08E-03	6.95E-04	3.72E-03	8.52E-04	3.72E-03	8.52E-04	3.08E-03	6.97E-04	3.22E-03	7.33E-04	3.10E-03	7.01E-04	3.08E-03	6.96E-04	3.09E-03	6.99E-04	3.09E-03	6.97E-04	2.46E-01	4.05E-02	1.83E+00	4.30E-01
1911 Gridded	5.15E-03	6.70E-04	5.13E-03	6.68E-04	5.44E-03	7.05E-04	5.44E-03	7.05E-04	2.70E-04	3.60E-05	5.14E-03	6.68E-04	6.37E-03	8.17E-04	6.37E-03	8.17E-04	5.15E-03	6.70E-04	5.44E-03	7.05E-04	5.19E-03	6.75E-04	5.15E-03	6.69E-04	5.17E-03	6.72E-04	5.16E-03	6.71E-04	1.82E-01	3.67E-02	2.79E+00	4.11E-01
1912 Gridded	6.45E-03	8.82E-04	6.42E-03	8.78E-04	6.84E-03	9.41E-04	6.84E-03	9.41E-04	3.72E-04	5.58E-05	6.42E-03	8.78E-04	8.13E-03	1.13E-03	8.13E-03	1.13E-03	6.45E-03	8.82E-04	6.84E-03	9.41E-04	6.49E-03	8.89E-04	6.44E-03	8.80E-04	6.47E-03	8.85E-04	6.45E-03	8.82E-04	2.25E-01	5.02E-02	3.51E+00	5.49E-01
1913 Gridded	3.93E-03	8.73E-04	3.91E-03	8.69E-04	4.25E-03	9.30E-04	4.25E-03	9.30E-04	3.03E-04	5.44E-05	3.92E-03	8.69E-04	5.30E-03	1.12E-03	5.30E-03	1.12E-03	3.93E-03	8.73E-04	4.25E-03	9.30E-04	3.97E-03	8.80E-04	3.93E-03	8.71E-04	3.95E-03	8.76E-04	3.94E-03	8.73E-04	4.11E-01	5.04E-02	2.22E+00	5.41E-01
1914 Gridded	4.82E-03	1.07E-03	4.80E-03	1.06E-03	5.06E-03	1.13E-03	5.06E-03	1.13E-03	2.27E-04	5.74E-05	4.80E-03	1.06E-03	5.84E-03	1.32E-03	5.84E-03	1.32E-03	4.82E-03	1.07E-03	5.06E-03	1.13E-03	4.85E-03	1.07E-03	4.81E-03	1.06E-03	4.83E-03	1.07E-03	4.82E-03	1.07E-03	2.92E-01	5.70E-02	2.64E+00	6.52E-01
1915 Gridded	3.71E-03	9.79E-04	3.70E-03	9.75E-04	3.96E-03	1.04E-03	3.96E-03	1.04E-03	2.34E-04	6.00E-05	3.70E-03	9.75E-04	4.77E-03	1.25E-03	4.77E-03	1.25E-03	3.71E-03	9.79E-04	3.96E-03	1.04E-03	3.74E-03	9.87E-04	3.71E-03	9.77E-04	3.73E-03	9.83E-04	3.72E-03	9.79E-04	2.12E-01	4.49E-02	2.15E+00	5.86E-01
1916 Gridded	4.35E-03	7.06E-04	4.33E-03	7.04E-04	4.64E-03	7.37E-04	4.64E-03	7.37E-04	2.67E-04	3.38E-05	4.34E-03	7.04E-04	5.56E-03	8.40E-04	5.56E-03	8.40E-04	4.35E-03	7.06E-04	4.64E-03	7.37E-04	4.39E-03	7.10E-04	4.35E-03	7.05E-04	4.37E-03	7.08E-04	4.36E-03	7.06E-04	2.33E-01	4.56E-02	2.41E+00	4.27E-01
1917 Gridded	4.80E-03	8.03E-04	4.79E-03	8.00E-04	5.08E-03	8.54E-04	5.08E-03	8.54E-04	2.55E-04	5.15E-05	4.79E-03	8.01E-04	5.95E-03	1.02E-03	5.95E-03	1.02E-03	4.81E-03	8.03E-04	5.08E-03	8.54E-04	4.84E-03	8.10E-04	4.80E-03	8.02E-04	4.82E-03	8.06E-04	4.81E-03	8.04E-04	3.29E-01	4.87E-02	2.67E+00	4.79E-01
1918 Gridded	5.55E-03	6.58E-04	5.53E-03	6.55E-04	5.86E-03	6.97E-04	5.86E-03	6.97E-04	2.91E-04	4.11E-05	5.54E-03	6.56E-04	6.87E-03	8.23E-04	6.87E-03	8.23E-04	5.56E-03	6.58E-04	5.86E-03	6.97E-04	5.59E-03	6.63E-04	5.55E-03	6.57E-04	5.57E-03	6.60E-04	5.56E-03	6.58E-04	3.77E-01	5.64E-02	3.02E+00	4.35E-01
1919 Gridded	5.19E-03	5.77E-04	5.17E-03	5.74E-04	5.46E-03	6.20E-04	5.46E-03	6.20E-04	2.53E-04	3.98E-05	5.18E-03	5.75E-04	6.33E-03	7.57E-04	6.33E-03	7.57E-04	5.19E-03	5.77E-04	5.46E-03	6.20E-04	5.22E-03	5.83E-04	5.19E-03	5.76E-04	5.21E-03	5.80E-04	5.19E-03	5.78E-04	2.19E-01	4.53E-02	2.81E+00	3.78E-01
1920 Gridded	3.62E-03	7.53E-04	3.60E-03	7.49E-04	3.90E-03	8.13E-04	3.90E-03	8.13E-04	2.96E-04	5.64E-05	3.61E-03	7.49E-04	4.81E-03	1.01E-03	4.81E-03	1.01E-03	3.62E-03	7.53E-04	3.90E-03	8.13E-04	3.66E-03	7.60E-04	3.62E-03	7.51E-04	3.64E-03	7.56E-04	3.63E-03	7.53E-04	2.81E-01	4.55E-02	2.19E+00	4.35E-01
1921 Gridded	3.82E-03	7.40E-04	3.81E-03	7.36E-04	4.03E-03	7.86E-04	4.03E-03	7.86E-04	2.90E-04	4.88E-05	3.81E-03	7.37E-04	4.69E-03	9.37E-04	4.69E-03	9.37E-04	3.82E-03	7.40E-04	4.03E-03	7.86E-04	3.85E-03	7.45E-04	3.82E-03	7.39E-04	3.83E-03	7.42E-04	3.82E-03	7.40E-04	2.52E-01	4.53E-02	2.12E+00	4.40E-01
1922 Gridded	4.65E-03	7.83E-04	4.63E-03	7.79E-04	4.98E-03	8.44E-04	4.98E-03	8.44E-04	3.13E-04	5.70E-05	4.63E-03	7.80E-04	6.06E-03	1.04E-03	6.06E-03	1.04E-03	4.65E-03	7.84E-04	4.98E-03	8.44E-04	4.69E-03	7.91E-04	4.64E-03	7.82E-04	4.67E-03	7.87E-04	4.65E-03	7.84E-04	2.49E-01	4.10E-02	2.80E+00	4.90E-01
1923 Gridded	6.36E-03	6.46E-04	6.33E-03	6.44E-04	6.74E-03	6.82E-04	6.74E-03	6.82E-04	3.66E-04	3.39E-05	6.33E-03	6.44E-04	8.01E-03	7.97E-04	8.01E-03	7.97E-04	6.36E-03	6.46E-04	6.74E-03	6.82E-04	6.40E-03	6.51E-04	6.35E-03	6.45E-04	6.38E-03	6.48E-04	6.36E-03	6.47E-04	2.47E-01	4.76E-02	3.68E+00	4.00E-01
1924 Gridded	7.31E-03	6.92E-04	7.28E-03	6.88E-04	7.75E-03	7.41E-04	7.75E-03	7.41E-04	4.21E-04	4.68E-05	7.28E-03	6.89E-04	9.21E-03	9.03E-04	9.21E-03	9.03E-04	7.31E-03	6.92E-04	7.75E-03	7.41E-04	7.36E-03	6.98E-04	7.30E-03	6.91E-04	7.33E-03	6.95E-04	7.31E-03	6.92E-04	2.86E-01	5.32E-02	4.21E+00	3.99E-01
1925 Gridded	6.60E-03	4.06E-04	6.58E-03	4.05E-04	7.00E-03	4.32E-04	7.00E-03	4.32E-04	3.73E-04	3.40E-05	6.58E-03	4.05E-04	8.29E-03	5.39E-04	8.29E-03	5.39E-04	6.60E-03	4.06E-04	7.00E-03	4.32E-04	6.65E-03	4.09E-04	6.59E-03	4.06E-04	6.63E-03	4.08E-04	6.61E-03	4.07E-04	2.91E-01	3.76E-02	3.79E+00	2.55E-01
1926 Gridded	5.27E-03	5.91E-04	5.25E-03	5.88E-04	5.55E-03	6.34E-04	5.55E-03	6.34E-04	3.37E-04	4.01E-05	5.26E-03	5.89E-04	6.47E-03	7.72E-04	6.47E-03	7.72E-04	5.27E-03	5.91E-04	5.55E-03	6.34E-04	5.31E-03	5.96E-04	5.27E-03	5.90E-04	5.29E-03	5.94E-04	5.28E-03	5.92E-04	3.19E-01	3.84E-02	2.98E+00	3.46E-01
1927 Gridded	4.38E-03	7.65E-04	4.36E-03	7.61E-04	4.60E-03	8.18E-04	4.60E-03	8.18E-04	2.92E-04	4.95E-05	4.36E-03	7.62E-04	5.35E-03	9.88E-04	5.35E-03	9.88E-04	4.38E-03	7.65E-04	4.60E-03	8.18E-04	4.40E-03	7.71E-04	4.37E-03	7.64E-04	4.39E-03	7.68E-04	4.38E-03	7.66E-04	2.77E-01	3.44E-02	2.46E+00	4.40E-01
1928 Gridded	3.46E-03	6.94E-04	3.45E-03	6.91E-04	3.66E-03	7.36E-04	3.66E-03	7.36E-04	2.51E-04	4.60E-05	3.45E-03	6.92E-04	4.29E-03	8.70E-04	4.29E-03	8.70E-04	3.46E-03	6.94E-04	3.66E-03	7.36E-04	3.49E-03	6.99E-04	3.46E-03	6.93E-04	3.48E-03	6.97E-04	3.47E-03	6.95E-04	2.47E-01	4.20E-02	2.06E+00	4.05E-01
1929 Gridded	3.01E-03	6.17E-04	3.00E-03	6.15E-04	3.18E-03	6.54E-04	3.18E-03	6.54E-04	2.29E-04	3.42E-05	3.00E-03	6.15E-04	3.75E-03	7.71E-04	3.75E-03	7.71E-04	3.01E-03	6.17E-04	3.18E-03	6.54E-04	3.03E-03	6.22E-04	3.01E-03	6.16E-04	3.02E-03	6.19E-04	3.01E-03	6.18E-04	2.62E-01	4.44E-02	1.76E+00	3.68E-01
1930 Gridded	2.77E-03	5.13E-04	2.76E-03	5.11E-04	2.94E-03	5.46E-04	2.94E-03	5.46E-04	2.28E-04	3.11E-05	2.77E-03	5.11E-04	3.59E-03	6.53E-04	3.59E-03	6.53E-04	2.78E-03	5.13E-04	2.94E-03	5.46E-04	2.80E-03	5.17E-04	2.77E-03	5.12E-04	2.78E-03	5.15E-04	2.78E-03	5.13E-04	2.58E-01	3.78E-02	1.55E+00	2.98E-01
1931 Gridded	2.64E-03	5.42E-04	2.63E-03	5.40E-04	2.80E-03	5.77E-04	2.80E-03	5.77E-04	2.07E-04	3.24E-05	2.64E-03	5.40E-04	3.49E-03	6.89E-04	3.49E-03	6.89E-04	2.64E-03	5.42E-04	2.80E-03	5.77E-04	2.66E-03	5.47E-04	2.64E-03	5.42E-04	2.65E-03	5.44E-04	2.65E-03	5.43E-04	2.21E-01	3.32E-02	1.57E+00	3.18E-01
1932 Gridded	2.57E-03	5.05E-04	2.56E-03	5.03E-04	2.79E-03	5.37E-04	2.79E-03	5.37E-04	2.04E-04	2.99E-05	2.56E-03	5.03E-04	3.49E-03	6.40E-04	3.49E-03	6.40E-04	2.57E-03	5.05E-04	2.79E-03	5.37E-04	2.60E-03	5.09E-04	2.57E-03	5.04E-04	2.59E-03	5.07E-04	2.58E-03	5.05E-04	1.82E-01	2.64E-02	1.49E+00	3.00E-01
1933 Gridded	2.18E-03	4.15E-04	2.18E-03	4.14E-04	2.32E-03	4.41E-04	2.32E-03	4.41E-04	1.30E-04	2.45E-05	2.18E-03	4.14E-04	2.77E-03	5.26E-04	2.77E-03	5.26E-04	2.18E-03	4.15E-04	2.32E-03	4.41E-04	2.20E-03	4.19E-04	2.18E-03	4.15E-04	2.19E-03	4.17E-04	2.19E-03	4.16E-04	1.33E-01	1.91E-02	1.23E+00	2.49E-01
1934 Gridded	2.20E-03	3.34E-04	2.19E-03	3.33E-04	2.34E-03	3.55E-04	2.34E-03	3.55E-04	1.30E-04	1.98E-05	2.19E-03	3.33E-04	2.79E-03	4.23E-04	2.79E-03	4.23E-04	2.20E-03	3.34E-04	2.34E-03	3.55E-04	2.21E-03	3.37E-04	2.19E-03	3.34E-04	2.21E-03	3.35E-04	2.20E-03	3.34E-04	1.61E-01	1.84E-02	1.23E+00	2.02E-01
1935 Gridded	2.44E-03	3.26E-04	2.44E-03	3.25E-04	2.51E-03	3.43E-04	2.51E-03	3.43E-04	1.20E-04	1.55E-05	2.44E-03	3.26E-04	2.74E-03	3.96E-04	2.74E-03	3.96E-04	2.44E-03	3.27E-04	2.51E-03	3.43E-04	2.45E-03	3.29E-04	2.44E-03	3.26E-04	2.45E-03	3.27E-04	2.44E-03	3.27E-04	1.46E-01	1.70E-02	1.28E+00	1.77E-01
1936 Gridded	2.48E-03	3.87E-04	2.47E-03	3.86E-04	2.54E-03	4.09E-04	2.54E-03	4.09E-04	1.07E-04	2.00E-05	2.47E-03	3.86E-04	2.74E-03	4.77E-04	2.74E-03	4.77E-04	2.48E-03	3.87E-04	2.54E-03	4.09E-04	2.48E-03	3.90E-04	2.47E-03	3.87E-04	2.48E-03	3.89E-04	2.48E-03	3.88E-04	1.28E-01	1.58E-02	1.30E+00	2.12E-01
1937 Gridded	2.25E-03	4.40E-04	2.25E-03	4.38E-04	2.31E-03	4.66E-04	2.31E-03	4.66E-04	1.11E-04	2.47E-05	2.25E-03	4.39E-04	2.51E-03	5.51E-04	2.51E-03	5.51E-04	2.25E-03	4.40E-04	2.31E-03	4.66E-04	2.26E-03	4.43E-04	2.25E-03	4.39E-04	2.26E-03	4.42E-04	2.25E-03	4.40E-04	1.27E-01	2.06E-02	1.21E+00	2.43E-01
1938 Gridded	2.81E-03	5.31E-04	2.80E-03	5.29E-04	3.05E-03	5.65E-04	3.05E-03	5.65E-04	2.20E-04	3.23E-05	2.80E-03	5.29E-04	3.81E-03	6.77E-04	3.81E-03	6.77E-04	2.81E-03	5.31E-04	3.05E-03	5.65E-04	2.84E-03	5.35E-04	2.81E-03	5.30E-04	2.83E-03	5.33E-04	2.81E-03	5.31E-04	2.27E-01	3.95E-02	1.53E+00	2.99E-01
1939 Gridded	7.26E-03	1.31E-03	7.24E-03	1.31E-03	7.41E-03	1.37E-03	7.41E-03	1.37E-03	4.19E-04	5.53E-05	7.25E-03	1.31E-03	7.93E-03	1.56E-03	7.93E-03	1.56E-03	7.26E-03	1.31E-03	7.41E-03	1.37E-03	7.27E-03	1.32E-03	7.25E-03	1.31E-03	7.26E-03	1.32E-03	7.26E-03	1.32E-03	2.50E-01	3.55E-02	3.85E+00	7.11E-01
1940 Gridded	4.62E-03	7.80E-04	4.62E-03	7.78E-04	4.71E-03	8.17E-04	4.71E-03	8.17E-04	2.85E-04	4.14E-05	4.62E-03	7.78E-04	5.70E-03	9.38E-04	5.70E-03	9.38E-04	4.62E-03	7.80E-04	4.71E-03	8.17E-04	4.62E-03	7.85E-04	4.62E-03	7.79E-04	4.62E-03	7.82E-04	4.62E-03	7.81E-04	2.60E-01	4.08E-02	2.60E+00	4.38E-01
1941 Gridded	7.27E-03	9.69E-04	7.27E-03	9.67E-04	7.27E-03	9.98E-04	7.27E-03	9.98E-04	3.41E-04	5.08E-05	7.27E-03	9.67E-04	7.27E-03	1.09E-03	7.27E-03	1.09E-03	7.27E-03	9.69E-04	7.27E-03	9.98E-04	7.27E-03	9.73E-04	7.27E-03	9.68E-04	7.27E-03	9.71E-04	7.27E-03	9.69E-04	3.00E-01	4.58E-02	3.87E+00	5.16E-01
1942 Gridded	6.91E-03	1.24E-03	6.90E-03	1.23E-03	7.11E-03	1.29E-03	7.11E-03	1.29E-03	3.92E-04	5.16E-05	6.90E-03	1.23E-03	8.18E-03	1.45E-03	8.18E-03	1.45E-03	6.91E-03	1.24E-03	7.11E-03	1.29E-03	6.94E-03	1.24E-03	6.91E-03	1.23E-03	6.92E-03	1.24E-03	6.91E-03	1.24E-03	2.64E-01	4.78E-02	3.68E+00	6.58E-01
1943 Gridded	7.33E-03	1.41E-03	7.33E-03	1.40E-03	7.56E-03	1.48E-03	7.56E-03	1.48E-03	4.43E-04	7.06E-05	7.33E-03	1.40E-03	9.09E-03	1.72E-03	9.09E-03	1.72E-03	7.33E-03	1.41E-03	7.56E-03	1.48E-03	7.33E-03	1.42E-03	7.33E-03	1.41E-03	7.33E-03	1.41E-03	7.33E-03	1.41E-03	2.89E-01	6.02E-02	3.90E+00	7.53E-01
1944 Gridded	8.07E-03	1.36E-03	8.05E-03	1.35E-03	8.44E-03	1.44E-03	8.44E-03	1.44E-03	5.20E-04	8.58E-05	8.05E-03	1.35E-03	1.02E-02	1.72E-03	1.02E-02	1.72E-03	8.07E-03	1.36E-03	8.44E-03	1.44E-03	8.12E-03	1.37E-03	8.06E-03	1.35E-03	8.09E-03	1.36E-03	8.08E-03	1.36E-03	3.17E-01	6.62E-02	4.30E+00	7.37E-01
1945 Gridded	9.75E-03	1.72E-03	9.74E-03	1.71E-03	9.98E-03	1.81E-03	9.98E-03	1.81E-03	5.35E-04	8.93E-05	9.74E-03	1.71E-03	1.18E-02	2.12E-03	1.18E-02	2.12E-03	9.75E-03	1.72E-03	9.98E-03	1.81E-03	9.77E-03	1.73E-03	9.75E-03	1.71E-03	9.76E-03	1.72E-03	9.75E-03	1.72E-03	3.68E-01	5.53E-02	5.16E+00	9.45E-01
1946 Gridded	1.31E-02	1.92E-03	1.31E-02	1.91E-03	1.31E-02	2.03E-03	1.31E-02	2.03E-03	6.38E-04	1.09E-04	1.31E-02	1.91E-03	1.42E-02	2.41E-03	1.42E-02	2.41E-03	1.31E-02	1.92E-03	1.31E-02	2.03E-03	1.31E-02	1.93E-03	1.31E-02	1.92E-03	1.31E-02	1.92E-03	1.31E-02	1.92E-03	3.55E-01	6.88E-02	6.96E+00	1.07E+00
1947 Gridded	1.33E-02	1.15E-03	1.33E-02	1.14E-03	1.33E-02	1.23E-03	1.33E-02	1.23E-03	5.40E-04	7.74E-05	1.33E-02	1.14E-03	1.33E-02	1.48E-03	1.33E-02	1.48E-03	1.33E-02	1.15E-03	1.33E-02	1.23E-03	1.33E-02	1.16E-03	1.33E-02	1.14E-03	1.33E-02	1.15E-03	1.33E-02	1.15E-03	3.93E-01	7.69E-02	7.09E+00	6.57E-01
1948 Gridded	7.67E-03	1.03E-03	7.64E-03	1.03E-03	8.19E-03	1.11E-03	8.19E-03	1.11E-03	4.88E-04	6.89E-05	7.65E-03	1.03E-03	9.88E-03	1.34E-03	9.88E-03	1.34E-03	7.68E-03	1.03E-03	8.19E-03	1.11E-03	7.74E-03	1.04E-03	7.66E-03	1.03E-03	7.71E-03	1.04E-03	7.68E-03	1.03E-03	4.50E-01	9.19E-02	4.10E+00	5.57E-01
1949 Gridded	6.26E-03	9.02E-04	6.26E-03	8.97E-04	6.26E-03	9.76E-04	6.26E-03	9.76E-04	3.38E-04	6.99E-05	6.26E-03	8.98E-04	7.08E-03	1.22E-03	7.08E-03	1.22E-03	6.26E-03	9.02E-04	6.26E-03	9.76E-04	6.26E-03	9.11E-04	6.26E-03	9.00E-04	6.26E-03	9.06E-04	6.26E-03	9.03E-04	3.47E-01	8.19E-02	3.34E+00	4.88E-01
1950 Gridded	4.68E-03	7.44E-04	4.68E-03	7.44E-04	4.68E-03	7.71E-04	4.68E-03	7.71E-04	3.32E-04	5.42E-05	4.68E-03	7.44E-04	4.68E-03	9.58E-04	4.68E-03	9.58E-04	4.68E-03	7.44E-04	4.68E-03	7.71E-04	4.68E-03	7.46E-04	4.68E-03	7.44E-04	4.68E-03	7.45E-04	4.68E-03	7.44E-04	3.33E-01	5.47E-02	2.50E+00	4.71E-01
1951 Gridded	4.13E-03	7.77E-04	4.13E-03	7.74E-04	4.22E-03	8.19E-04	4.22E-03	8.19E-04	2.60E-04	4.67E-05	4.13E-03	7.75E-04	4.66E-03	9.57E-04	4.66E-03	9.57E-04	4.13E-03	7.77E-04	4.22E-03	8.19E-04	4.13E-03	7.82E-04	4.13E-03	7.76E-04	4.13E-03	7.79E-04	4.13E-03	7.77E-04	2.50E-01	6.66E-02	2.21E+00	4.32E-01
1952 Gridded	3.81E-03	9.51E-04	3.80E-03	9.47E-04	4.01E-03	1.02E-03	4.01E-03	1.02E-03	3.41E-04	6.80E-05	3.80E-03	9.47E-04	4.67E-03	1.26E-03	4.67E-03	1.26E-03	3.81E-03	9.52E-04	4.01E-03	1.02E-03	3.84E-03	9.60E-04	3.81E-03	9.50E-04	3.82E-03	9.56E-04	3.81E-03	9.52E-04	3.44E-01	8.92E-02	2.07E+00	5.25E-01
1953 Gridded	3.74E-03	9.90E-04	3.73E-03	9.85E-04	3.91E-03	1.07E-03	3.91E-03	1.07E-03	2.73E-04	7.09E-05	3.73E-03	9.86E-04	4.44E-03	1.31E-03	4.44E-03	1.31E-03	3.74E-03	9.90E-04	3.91E-03	1.07E-03	3.76E-03	9.99E-04	3.74E-03	9.88E-04	3.75E-03	9.95E-04	3.74E-03	9.91E-04	3.61E-01	6.70E-02	2.04E+00	5.79E-01
1954 Gridded	6.80E-03	1.36E-03	6.79E-03	1.36E-03	6.89E-03	1.45E-03	6.89E-03	1.45E-03	3.05E-04	8.44E-05	6.79E-03	1.36E-03	7.17E-03	1.75E-03	7.17E-03	1.75E-03	6.80E-03	1.36E-03	6.89E-03	1.45E-03	6.81E-03	1.38E-03	6.80E-03	1.36E-03	6.80E-03	1.37E-03	6.80E-03	1.37E-03	4.20E-01	6.10E-02	3.64E+00	8.48E-01
1955 Gridded	5.86E-03	1.33E-03	5.84E-03	1.32E-03	6.10E-03	1.41E-03	6.10E-03	1.41E-03	3.90E-04	7.30E-05	5.85E-03	1.32E-03	6.89E-03	1.66E-03	6.89E-03	1.66E-03	5.86E-03	1.33E-03	6.10E-03	1.41E-03	5.89E-03	1.34E-03	5.85E-03	1.33E-03	5.87E-03	1.33E-03	5.86E-03	1.33E-03	4.13E-01	1.06E-01	3.50E+00	7.51E-01
1956 Gridded	5.27E-03	1.03E-03	5.27E-03	1.03E-03	5.28E-03	1.10E-03	5.28E-03	1.10E-03	3.31E-04	7.62E-05	5.27E-03	1.03E-03	5.32E-03	1.34E-03	5.32E-03	1.34E-03	5.27E-03	1.03E-03	5.28E-03	1.10E-03	5.27E-03	1.04E-03	5.27E-03	1.03E-03	5.27E-03	1.04E-03	5.27E-03	1.03E-03	3.98E-01	8.84E-02	3.45E+00	6.65E-01
1957 Gridded	4.55E-03	7.59E-04	4.54E-03	7.57E-04	4.76E-03	7.99E-04	4.76E-03	7.99E-04	2.47E-04	4.04E-05	4.54E-03	7.57E-04	5.44E-03	9.30E-04	5.44E-03	9.30E-04	4.55E-03	7.59E-04	4.76E-03	7.99E-04	4.58E-03	7.64E-04	4.55E-03	7.58E-04	4.56E-03	7.62E-04	4.55E-03	7.60E-04	3.30E-01	6.42E-02	2.49E+00	5.18E-01
1958 Gridded	3.94E-03	7.62E-04	3.93E-03	7.59E-04	4.15E-03	8.19E-04	4.15E-03	8.19E-04	3.97E-04	5.36E-05	3.93E-03	7.59E-04	4.82E-03	1.00E-03	4.82E-03	1.00E-03	3.94E-03	7.63E-04	4.15E-03	8.19E-04	3.97E-03	7.69E-04	3.94E-03	7.61E-04	3.95E-03	7.66E-04	3.94E-03	7.63E-04	3.15E-01	5.46E-02	2.11E+00	4.83E-01
1959 Gridded	4.98E-03	7.25E-04	4.96E-03	7.21E-04	5.26E-03	7.78E-04	5.26E-03	7.78E-04	4.60E-04	5.00E-05	4.96E-03	7.22E-04	6.19E-03	9.50E-04	6.19E-03	9.50E-04	4.98E-03	7.25E-04	5.26E-03	7.78E-04	5.01E-03	7.32E-04	4.97E-03	7.24E-04	4.99E-03	7.28E-04	4.98E-03	7.26E-04	2.67E-01	5.01E-02	2.72E+00	4.42E-01
1960 Gridded	4.04E-03	7.92E-04	4.03E-03	7.88E-04	4.24E-03	8.40E-04	4.24E-03	8.40E-04	1.90E-04	4.58E-05	4.03E-03	7.89E-04	4.90E-03	9.98E-04	4.90E-03	9.98E-04	4.04E-03	7.92E-04	4.24E-03	8.40E-04	4.07E-03	7.98E-04	4.04E-03	7.91E-04	4.05E-03	7.95E-04	4.04E-03	7.92E-04	2.45E-01	4.18E-02	2.22E+00	4.88E-01
1961 Gridded	2.94E-03	6.38E-04	2.92E-03	6.35E-04	3.12E-03	6.79E-04	3.12E-03	6.79E-04	2.70E-04	3.94E-05	2.93E-03	6.35E-04	3.73E-03	8.15E-04	3.73E-03	8.15E-04	2.94E-03	6.38E-04	3.12E-03	6.79E-04	2.96E-03	6.43E-04	2.93E-03	6.37E-04	2.95E-03	6.40E-04	2.94E-03	6.38E-04	2.60E-01	4.17E-02	1.80E+00	3.90E-01
1962 Gridded	5.02E-03	5.79E-04	5.00E-03	5.77E-04	5.30E-03	6.07E-04	5.30E-03	6.07E-04	2.66E-04	4.16E-05	5.01E-03	5.77E-04	6.19E-03	7.00E-04	6.19E-03	7.00E-04	5.02E-03	5.79E-04	5.30E-03	6.07E-04	5.06E-03	5.82E-04	5.02E-03	5.78E-04	5.04E-03	5.81E-04	5.03E-03	5.79E-04	1.82E-01	3.02E-02	2.69E+00	3.53E-01
1963 Gridded	5.85E-03	8.84E-04	5.83E-03	8.80E-04	6.22E-03	9.41E-04	6.22E-03	9.41E-04	3.49E-04	5.34E-05	5.83E-03	8.81E-04	7.43E-03	1.13E-03	7.43E-03	1.13E-03	5.85E-03	8.84E-04	6.22E-03	9.41E-04	5.90E-03	8.91E-04	5.85E-03	8.83E-04	5.88E-03	8.87E-04	5.86E-03	8.85E-04	2.36E-01	4.93E-02	3.16E+00	5.49E-01
1964 Gridded	3.48E-03	8.75E-04	3.46E-03	8.71E-04	3.78E-03	9.33E-04	3.78E-03	9.33E-04	2.87E-04	5.44E-05	3.46E-03	8.72E-04	4.77E-03	1.12E-03	4.77E-03	1.12E-03	3.48E-03	8.75E-04	3.78E-03	9.33E-04	3.51E-03	8.82E-04	3.47E-03	8.74E-04	3.49E-03	8.78E-04	3.48E-03	8.76E-04	3.19E-01	4.79E-02	1.94E+00	5.39E-01
1965 Gridded	4.75E-03	1.08E-03	4.74E-03	1.08E-03	4.98E-03	1.15E-03	4.98E-03	1.15E-03	2.15E-04	5.96E-05	4.74E-03	1.08E-03	5.72E-03	1.35E-03	5.72E-03	1.35E-03	4.75E-03	1.08E-03	4.98E-03	1.15E-03	4.78E-03	1.09E-03	4.75E-03	1.08E-03	4.77E-03	1.09E-03	4.76E-03	1.09E-03	1.97E-01	5.22E-02	2.59E+00	6.57E-01
1966 Gridded	4.08E-03	8.69E-04	4.06E-03	8.65E-04	4.34E-03	9.28E-04	4.34E-03	9.28E-04	2.45E-04	5.56E-05	4.07E-03	8.66E-04	5.19E-03	1.12E-03	5.19E-03	1.12E-03	4.08E-03	8.69E-04	4.34E-03	9.28E-04	4.11E-03	8.77E-04	4.07E-03	8.68E-04	4.10E-03	8.73E-04	4.08E-03	8.70E-04	1.91E-01	4.00E-02	2.32E+00	5.17E-01
1967 Gridded	3.68E-03	7.79E-04	3.66E-03	7.76E-04	3.92E-03	8.17E-04	3.92E-03	8.17E-04	2.29E-04	3.56E-05	3.67E-03	7.77E-04	4.71E-03	9.39E-04	4.71E-03	9.39E-04	3.68E-03	7.79E-04	3.92E-03	8.17E-04	3.71E-03	7.83E-04	3.67E-03	7.78E-04	3.69E-03	7.81E-04	3.68E-03	7.79E-04	1.67E-01	4.21E-02	2.01E+00	4.68E-01
1968 Gridded	3.96E-03	6.71E-04	3.95E-03	6.68E-04	4.20E-03	7.13E-04	4.20E-03	7.13E-04	2.22E-04	4.60E-05	3.95E-03	6.68E-04	4.97E-03	8.51E-04	4.97E-03	8.51E-04	3.96E-03	6.71E-04	4.20E-03	7.13E-04	3.99E-03	6.76E-04	3.96E-03	6.70E-04	3.98E-03	6.73E-04	3.97E-03	6.71E-04	2.65E-01	4.23E-02	2.18E+00	3.95E-01
1969 Gridded	4.60E-03	6.76E-04	4.58E-03	6.73E-04	4.87E-03	7.18E-04	4.87E-03	7.18E-04	2.53E-04	4.00E-05	4.58E-03	6.73E-04	5.74E-03	8.56E-04	5.74E-03	8.56E-04	4.60E-03	6.76E-04	4.87E-03	7.18E-04	4.63E-03	6.81E-04	4.59E-03	6.75E-04	4.61E-03	6.78E-04	4.60E-03	6.76E-04	3.88E-01	5.14E-02	2.45E+00	4.18E-01
1970 Gridded	4.87E-03	4.78E-04	4.85E-03	4.76E-04	5.13E-03	5.14E-04	5.13E-03	5.14E-04	2.45E-04	3.41E-05	4.85E-03	4.76E-04	5.97E-03	6.32E-04	5.97E-03	6.32E-04	4.87E-03	4.78E-04	5.13E-03	5.14E-04	4.90E-03	4.83E-04	4.86E-03	4.77E-04	4.88E-03	4.80E-04	4.87E-03	4.79E-04	1.97E-01	4.11E-02	2.58E+00	3.01E-01
1971 Gridded	3.86E-03	5.57E-04	3.85E-03	5.54E-04	4.06E-03	5.95E-04	4.06E-03	5.95E-04	2.70E-04	3.90E-05	3.85E-03	5.55E-04	4.70E-03	7.20E-04	4.70E-03	7.20E-04	3.86E-03	5.57E-04	4.06E-03	5.95E-04	3.88E-03	5.61E-04	3.85E-03	5.56E-04	3.87E-03	5.59E-04	3.86E-03	5.57E-04	2.85E-01	4.20E-02	2.05E+00	3.62E-01
1972 Gridded	4.25E-03	7.74E-04	4.23E-03	7.71E-04	4.47E-03	8.31E-04	4.47E-03	8.31E-04	2.60E-04	5.28E-05	4.24E-03	7.71E-04	5.21E-03	1.01E-03	5.21E-03	1.01E-03	4.25E-03	7.75E-04	4.47E-03	8.31E-04	4.28E-03	7.81E-04	4.24E-03	7.73E-04	4.26E-03	7.78E-04	4.25E-03	7.75E-04	2.60E-01	4.34E-02	2.36E+00	4.68E-01
1973 Gridded	4.58E-03	8.49E-04	4.55E-03	8.45E-04	4.93E-03	9.12E-04	4.93E-03	9.12E-04	3.35E-04	5.95E-05	4.56E-03	8.46E-04	6.09E-03	1.12E-03	6.09E-03	1.12E-03	4.58E-03	8.49E-04	4.93E-03	9.12E-04	4.62E-03	8.57E-04	4.57E-03	8.48E-04	4.60E-03	8.53E-04	4.58E-03	8.50E-04	2.58E-01	4.34E-02	2.61E+00	4.90E-01
1974 Gridded	4.30E-03	7.74E-04	4.28E-03	7.70E-04	4.59E-03	8.30E-04	4.59E-03	8.30E-04	2.74E-04	5.27E-05	4.28E-03	7.71E-04	5.53E-03	1.01E-03	5.53E-03	1.01E-03	4.30E-03	7.74E-04	4.59E-03	8.30E-04	4.33E-03	7.81E-04	4.29E-03	7.72E-04	4.31E-03	7.77E-04	4.30E-03	7.74E-04	2.41E-01	4.12E-02	2.64E+00	4.86E-01
1975 Gridded	5.31E-03	5.72E-04	5.29E-03	5.70E-04	5.64E-03	6.03E-04	5.64E-03	6.03E-04	3.19E-04	3.60E-05	5.29E-03	5.70E-04	6.71E-03	7.05E-04	6.71E-03	7.05E-04	5.31E-03	5.72E-04	5.64E-03	6.03E-04	5.35E-03	5.76E-04	5.30E-03	5.71E-04	5.33E-03	5.74E-04	5.31E-03	5.72E-04	2.64E-01	4.69E-02	3.08E+00	3.54E-01
1976 Gridded	6.42E-03	6.75E-04	6.39E-03	6.72E-04	6.81E-03	7.23E-04	6.81E-03	7.23E-04	3.79E-04	4.42E-05	6.40E-03	6.73E-04	8.09E-03	8.75E-04	8.09E-03	8.75E-04	6.42E-03	6.76E-04	6.81E-03	7.23E-04	6.47E-03	6.81E-04	6.41E-03	6.74E-04	6.44E-03	6.78E-04	6.43E-03	6.76E-04	2.87E-01	4.95E-02	3.69E+00	3.91E-01
1977 Gridded	6.50E-03	4.51E-04	6.47E-03	4.48E-04	6.88E-03	4.82E-04	6.88E-03	4.82E-04	3.64E-04	3.66E-05	6.48E-03	4.49E-04	8.14E-03	5.87E-04	8.14E-03	5.87E-04	6.50E-03	4.51E-04	6.88E-03	4.82E-04	6.55E-03	4.54E-04	6.49E-03	4.50E-04	6.52E-03	4.52E-04	6.50E-03	4.51E-04	2.90E-01	3.63E-02	3.72E+00	2.75E-01
1978 Gridded	5.65E-03	5.31E-04	5.63E-03	5.29E-04	5.98E-03	5.69E-04	5.98E-03	5.69E-04	4.15E-04	3.65E-05	5.64E-03	5.29E-04	7.05E-03	6.89E-04	7.05E-03	6.89E-04	5.65E-03	5.31E-04	5.98E-03	5.69E-04	5.69E-03	5.36E-04	5.65E-03	5.31E-04	5.67E-03	5.34E-04	5.66E-03	5.32E-04	3.11E-01	4.03E-02	3.24E+00	3.02E-01

Scenario 2 Results

1979 Gridded	5.65E-03	9.52E-04	5.62E-03	9.48E-04	6.05E-03	1.01E-03	6.05E-03	1.01E-03	3.79E-04	5.75E-05	5.63E-03	9.48E-04	7.36E-03	1.21E-03	7.36E-03	1.21E-03	5.65E-03	9.52E-04	6.05E-03	1.01E-03	5.70E-03	9.59E-04	5.64E-03	9.50E-04	5.67E-03	9.55E-04	5.65E-03	9.52E-04	4.00E-01	4.09E-02	3.55E+00	5.45E-01
1980 Gridded	4.55E-03	9.22E-04	4.52E-03	9.18E-04	4.91E-03	9.93E-04	4.91E-03	9.93E-04	3.78E-04	6.67E-05	4.53E-03	9.18E-04	6.16E-03	1.22E-03	6.16E-03	1.22E-03	4.55E-03	9.23E-04	4.91E-03	9.93E-04	4.59E-03	9.31E-04	4.54E-03	9.21E-04	4.57E-03	9.27E-04	4.55E-03	9.23E-04	3.00E-01	4.64E-02	2.54E+00	5.33E-01
1981 Gridded	3.32E-03	6.11E-04	3.30E-03	6.09E-04	3.61E-03	6.47E-04	3.61E-03	6.47E-04	2.78E-04	4.37E-05	3.30E-03	6.09E-04	4.57E-03	7.63E-04	4.57E-03	7.63E-04	3.32E-03	6.11E-04	3.61E-03	6.47E-04	3.35E-03	6.16E-04	3.31E-03	6.10E-04	3.33E-03	6.13E-04	3.32E-03	6.12E-04	2.99E-01	5.11E-02	1.94E+00	3.61E-01
1982 Gridded	3.09E-03	4.91E-04	3.07E-03	4.89E-04	3.32E-03	5.19E-04	3.32E-03	5.19E-04	2.33E-04	3.11E-05	3.07E-03	4.89E-04	4.09E-03	6.12E-04	4.09E-03	6.12E-04	3.09E-03	4.91E-04	3.32E-03	5.19E-04	3.12E-03	4.94E-04	3.08E-03	4.90E-04	3.10E-03	4.92E-04	3.09E-03	4.91E-04	2.43E-01	3.89E-02	1.65E+00	2.95E-01
1983 Gridded	3.00E-03	4.96E-04	2.99E-03	4.94E-04	3.23E-03	5.27E-04	3.23E-03	5.27E-04	2.53E-04	2.96E-05	2.99E-03	4.94E-04	3.99E-03	6.29E-04	3.99E-03	6.29E-04	3.00E-03	4.96E-04	3.23E-03	5.27E-04	3.03E-03	5.00E-04	3.00E-03	4.95E-04	3.02E-03	4.97E-04	3.00E-03	4.96E-04	2.69E-01	3.86E-02	1.78E+00	2.89E-01
1984 Gridded	2.74E-03	4.81E-04	2.72E-03	4.79E-04	2.94E-03	5.11E-04	2.94E-03	5.11E-04	1.89E-04	2.85E-05	2.73E-03	4.79E-04	3.59E-03	6.10E-04	3.59E-03	6.10E-04	2.74E-03	4.81E-04	2.94E-03	5.11E-04	2.76E-03	4.85E-04	2.73E-03	4.80E-04	2.75E-03	4.83E-04	2.74E-03	4.81E-04	2.05E-01	2.76E-02	1.51E+00	2.83E-01
1985 Gridded	2.21E-03	4.12E-04	2.21E-03	4.11E-04	2.34E-03	4.38E-04	2.34E-03	4.38E-04	1.40E-04	2.43E-05	2.21E-03	4.11E-04	2.75E-03	5.22E-04	2.75E-03	5.22E-04	2.22E-03	4.13E-04	2.34E-03	4.38E-04	2.23E-03	4.16E-04	2.21E-03	4.12E-04	2.22E-03	4.14E-04	2.22E-03	4.13E-04	1.31E-01	1.90E-02	1.20E+00	2.45E-01
1986 Gridded	2.34E-03	3.56E-04	2.34E-03	3.54E-04	2.40E-03	3.78E-04	2.40E-03	3.78E-04	1.25E-04	2.09E-05	2.34E-03	3.55E-04	2.63E-03	4.50E-04	2.63E-03	4.50E-04	2.34E-03	3.56E-04	2.40E-03	3.78E-04	2.35E-03	3.59E-04	2.34E-03	3.55E-04	2.34E-03	3.57E-04	2.34E-03	3.56E-04	1.30E-01	1.88E-02	1.23E+00	2.13E-01
1987 Gridded	2.37E-03	2.83E-04	2.37E-03	2.82E-04	2.42E-03	3.00E-04	2.42E-03	3.00E-04	1.25E-04	1.67E-05	2.37E-03	2.82E-04	2.65E-03	3.58E-04	2.65E-03	3.58E-04	2.37E-03	2.83E-04	2.42E-03	3.00E-04	2.38E-03	2.85E-04	2.37E-03	2.82E-04	2.37E-03	2.84E-04	2.37E-03	2.83E-04	1.49E-01	1.76E-02	1.25E+00	1.71E-01
1988 Gridded	2.16E-03	3.08E-04	2.16E-03	3.07E-04	2.21E-03	3.23E-04	2.21E-03	3.23E-04	1.18E-04	1.51E-05	2.16E-03	3.07E-04	2.50E-03	3.72E-04	2.50E-03	3.72E-04	2.16E-03	3.08E-04	2.21E-03	3.23E-04	2.17E-03	3.10E-04	2.16E-03	3.08E-04	2.16E-03	3.09E-04	2.16E-03	3.08E-04	1.50E-01	1.76E-02	1.14E+00	1.67E-01
1989 Gridded	2.21E-03	4.42E-04	2.20E-03	4.40E-04	2.40E-03	4.65E-04	2.40E-03	4.65E-04	1.82E-04	2.21E-05	2.20E-03	4.40E-04	3.01E-03	5.40E-04	3.01E-03	5.40E-04	2.21E-03	4.42E-04	2.40E-03	4.65E-04	2.23E-03	4.45E-04	2.21E-03	4.41E-04	2.22E-03	4.43E-04	2.21E-03	4.42E-04	1.86E-01	2.09E-02	1.21E+00	2.41E-01
1990 Gridded	6.66E-03	8.29E-04	6.66E-03	8.28E-04	6.66E-03	8.52E-04	6.66E-03	8.52E-04	3.28E-04	4.68E-05	6.66E-03	8.28E-04	6.66E-03	9.27E-04	6.66E-03	9.27E-04	6.66E-03	8.29E-04	6.66E-03	8.52E-04	6.66E-03	8.32E-04	6.66E-03	8.29E-04	6.66E-03	8.30E-04	6.66E-03	8.29E-04	2.63E-01	3.97E-02	3.53E+00	4.40E-01
1991 Gridded	5.47E-03	9.18E-04	5.46E-03	9.16E-04	5.63E-03	9.53E-04	5.63E-03	9.53E-04	2.94E-04	4.19E-05	5.46E-03	9.16E-04	6.26E-03	1.07E-03	6.26E-03	1.07E-03	5.47E-03	9.18E-04	5.63E-03	9.53E-04	5.49E-03	9.22E-04	5.47E-03	9.17E-04	5.48E-03	9.20E-04	5.47E-03	9.18E-04	2.19E-01	4.16E-02	2.90E+00	4.88E-01
1992 Gridded	5.17E-03	9.82E-04	5.17E-03	9.79E-04	5.49E-03	1.03E-03	5.49E-03	1.03E-03	3.24E-04	5.00E-05	5.17E-03	9.80E-04	6.61E-03	1.19E-03	6.61E-03	1.19E-03	5.17E-03	9.83E-04	5.49E-03	1.03E-03	5.19E-03	9.88E-04	5.17E-03	9.81E-04	5.17E-03	9.85E-04	5.17E-03	9.83E-04	2.28E-01	4.30E-02	2.74E+00	5.24E-01
1993 Gridded	5.74E-03	9.36E-04	5.74E-03	9.32E-04	5.74E-03	9.94E-04	5.74E-03	9.94E-04	3.27E-04	6.06E-05	5.74E-03	9.33E-04	6.50E-03	1.18E-03	6.50E-03	1.18E-03	5.74E-03	9.36E-04	5.74E-03	9.94E-04	5.74E-03	9.43E-04	5.74E-03	9.35E-04	5.74E-03	9.40E-04	5.74E-03	9.37E-04	2.60E-01	5.20E-02	3.10E+00	5.06E-01
1994 Gridded	6.28E-03	1.06E-03	6.26E-03	1.06E-03	6.68E-03	1.13E-03	6.68E-03	1.13E-03	3.98E-04	6.50E-05	6.26E-03	1.06E-03	7.96E-03	1.32E-03	7.96E-03	1.32E-03	6.29E-03	1.06E-03	6.68E-03	1.13E-03	6.33E-03	1.07E-03	6.28E-03	1.06E-03	6.31E-03	1.07E-03	6.29E-03	1.07E-03	3.17E-01	5.28E-02	3.35E+00	5.86E-01
1995 Gridded	9.17E-03	1.59E-03	9.16E-03	1.59E-03	9.35E-03	1.69E-03	9.35E-03	1.69E-03	4.97E-04	9.06E-05	9.16E-03	1.59E-03	1.10E-02	2.00E-03	1.10E-02	2.00E-03	9.17E-03	1.59E-03	9.35E-03	1.69E-03	9.19E-03	1.61E-03	9.17E-03	1.59E-03	9.18E-03	1.60E-03	9.17E-03	1.59E-03	3.05E-01	5.60E-02	4.83E+00	8.80E-01
1996 Gridded	1.43E-02	1.57E-03	1.43E-02	1.56E-03	1.43E-02	1.67E-03	1.43E-02	1.67E-03	5.92E-04	9.30E-05	1.43E-02	1.57E-03	1.43E-02	1.99E-03	1.43E-02	1.99E-03	1.43E-02	1.57E-03	1.43E-02	1.67E-03	1.43E-02	1.58E-03	1.43E-02	1.57E-03	1.43E-02	1.58E-03	1.43E-02	1.57E-03	3.28E-01	6.55E-02	7.56E+00	8.78E-01
1997 Gridded	1.09E-02	8.82E-04	1.09E-02	8.78E-04	1.09E-02	9.31E-04	1.09E-02	9.31E-04	5.38E-04	6.08E-05	1.09E-02	8.79E-04	1.15E-02	1.11E-03	1.15E-02	1.11E-03	1.09E-02	8.82E-04	1.09E-02	9.31E-04	1.09E-02	8.88E-04	1.09E-02	8.81E-04	1.09E-02	8.85E-04	1.09E-02	8.82E-04	3.39E-01	7.47E-02	5.77E+00	5.03E-01
1998 Gridded	1.03E-02	1.64E-03	1.02E-02	1.63E-03	1.09E-02	1.75E-03	1.09E-02	1.75E-03	6.13E-04	1.03E-04	1.02E-02	1.63E-03	1.30E-02	2.11E-03	1.30E-02	2.11E-03	1.03E-02	1.64E-03	1.09E-02	1.75E-03	1.03E-02	1.65E-03	1.03E-02	1.64E-03	1.03E-02	1.65E-03	1.03E-02	1.64E-03	4.36E-01	8.23E-02	5.47E+00	8.81E-01
1999 Gridded	7.33E-03	1.05E-03	7.33E-03	1.05E-03	7.33E-03	1.07E-03	7.33E-03	1.07E-03	3.89E-04	7.37E-05	7.33E-03	1.05E-03	7.90E-03	1.27E-03	7.90E-03	1.27E-03	7.33E-03	1.05E-03	7.33E-03	1.07E-03	7.33E-03	1.06E-03	7.33E-03	1.05E-03	7.33E-03	1.05E-03	7.33E-03	1.05E-03	3.36E-01	7.19E-02	3.91E+00	5.64E-01
2000 Gridded	8.35E-03	1.31E-03	8.35E-03	1.30E-03	8.35E-03	1.32E-03	8.35E-03	1.32E-03	4.46E-04	8.24E-05	8.35E-03	1.30E-03	8.35E-03	1.48E-03	8.35E-03	1.48E-03	8.35E-03	1.31E-03	8.35E-03	1.32E-03	8.35E-03	1.31E-03	8.35E-03	1.31E-03	8.35E-03	1.31E-03	8.35E-03	1.31E-03	3.73E-01	5.85E-02	4.45E+00	7.09E-01
2001 Gridded	4.94E-03	8.57E-04	4.92E-03	8.54E-04	5.09E-03	9.02E-04	5.09E-03	9.02E-04	2.66E-04	4.93E-05	4.93E-03	8.55E-04	5.61E-03	1.05E-03	5.61E-03	1.05E-03	4.94E-03	8.58E-04	5.09E-03	9.02E-04	4.95E-03	8.63E-04	4.93E-03	8.56E-04	4.94E-03	8.60E-04	4.94E-03	8.58E-04	2.59E-01	6.87E-02	2.64E+00	4.72E-01
2002 Gridded	3.83E-03	9.87E-04	3.82E-03	9.82E-04	4.12E-03	1.06E-03	4.12E-03	1.06E-03	3.50E-04	6.88E-05	3.82E-03	9.83E-04	5.03E-03	1.30E-03	5.03E-03	1.30E-03	3.83E-03	9.87E-04	4.12E-03	1.06E-03	3.87E-03	9.96E-04	3.83E-03	9.86E-04	3.85E-03	9.91E-04	3.84E-03	9.88E-04	3.24E-01	8.64E-02	2.05E+00	5.41E-01
2003 Gridded	3.40E-03	1.05E-03	3.39E-03	1.04E-03	3.56E-03	1.13E-03	3.56E-03	1.13E-03	3.84E-04	7.24E-05	3.40E-03	1.04E-03	4.04E-03	1.37E-03	4.04E-03	1.37E-03	3.40E-03	1.05E-03	3.56E-03	1.13E-03	3.42E-03	1.06E-03	3.40E-03	1.05E-03	3.41E-03	1.05E-03	3.41E-03	1.05E-03	3.90E-01	7.72E-02	1.92E+00	6.02E-01
2004 Gridded	4.30E-03	1.12E-03	4.29E-03	1.12E-03	4.34E-03	1.20E-03	4.34E-03	1.20E-03	1.73E-04	6.87E-05	4.29E-03	1.12E-03	4.48E-03	1.43E-03	4.48E-03	1.43E-03	4.30E-03	1.12E-03	4.34E-03	1.20E-03	4.30E-03	1.13E-03	4.30E-03	1.12E-03	4.30E-03	1.13E-03	4.30E-03	1.12E-03	3.08E-01	4.24E-02	2.30E+00	6.75E-01
2005 Gridded	4.16E-03	9.90E-04	4.14E-03	9.86E-04	4.45E-03	1.04E-03	4.45E-03	1.04E-03	2.71E-04	5.15E-05	4.14E-03	9.87E-04	5.38E-03	1.22E-03	5.38E-03	1.22E-03	4.16E-03	9.90E-04	4.45E-03	1.04E-03	4.19E-03	9.97E-04	4.15E-03	9.89E-04	4.18E-03	9.93E-04	4.16E-03	9.91E-04	3.17E-01	7.91E-02	2.25E+00	6.77E-01
2006 Gridded	6.92E-03	1.06E-03	6.92E-03	1.06E-03	6.97E-03	1.15E-03	6.97E-03	1.15E-03	3.07E-04	8.44E-05	6.92E-03	1.06E-03	7.12E-03	1.45E-03	7.12E-03	1.45E-03	6.92E-03	1.06E-03	6.97E-03	1.15E-03	6.93E-03	1.08E-03	6.92E-03	1.06E-03	6.92E-03	1.07E-03	6.92E-03	1.07E-03	3.53E-01	8.67E-02	4.15E+00	6.01E-01
2007 Gridded	3.22E-03	7.99E-04	3.21E-03	7.96E-04	3.36E-03	8.44E-04	3.36E-03	8.44E-04	2.41E-04	4.23E-05	3.21E-03	7.96E-04	3.93E-03	9.90E-04	3.93E-03	9.90E-04	3.22E-03	7.99E-04	3.36E-03	8.44E-04	3.23E-03	8.04E-04	3.21E-03	7.98E-04	3.23E-03	8.01E-04	3.22E-03	7.99E-04	3.09E-01	5.69E-02	1.73E+00	5.22E-01
2008 Gridded	4.58E-03	7.09E-04	4.55E-03	7.06E-04	4.97E-03	7.64E-04	4.97E-03	7.64E-04	3.98E-04	5.16E-05	4.55E-03	7.06E-04	6.23E-03	9.42E-04	6.23E-03	9.42E-04	4.58E-03	7.10E-04	4.97E-03	7.64E-04	4.62E-03	7.16E-04	4.57E-03	7.08E-04	4.60E-03	7.13E-04	4.58E-03	7.10E-04	3.19E-01	7.69E-02	2.46E+00	4.46E-01
2009 Gridded	4.98E-03	7.35E-04	4.97E-03	7.31E-04	5.17E-03	7.84E-04	5.17E-03	7.84E-04	4.24E-04	4.65E-05	4.97E-03	7.32E-04	5.79E-03	9.45E-04	5.79E-03	9.45E-04	4.98E-03	7.35E-04	5.17E-03	7.84E-04	5.00E-03	7.41E-04	4.97E-03	7.34E-04	4.99E-03	7.38E-04	4.98E-03	7.35E-04	2.95E-01	5.29E-02	2.84E+00	4.72E-01
2010 Gridded	4.54E-03	7.15E-04	4.52E-03	7.11E-04	4.79E-03	7.64E-04	4.79E-03	7.64E-04	2.34E-04	4.67E-05	4.52E-03	7.12E-04	5.59E-03	9.25E-04	5.59E-03	9.25E-04	4.54E-03	7.15E-04	4.79E-03	7.64E-04	4.57E-03	7.21E-04	4.53E-03	7.14E-04	4.55E-03	7.18E-04	4.54E-03	7.15E-04	2.06E-01	3.97E-02	2.48E+00	4.37E-01
2011 Gridded	3.29E-03	7.56E-04	3.27E-03	7.54E-04	3.45E-03	7.99E-04	3.45E-03	7.99E-04	2.47E-04	4.04E-05	3.28E-03	7.54E-04	3.97E-03	9.39E-04	3.97E-03	9.39E-04	3.29E-03	7.57E-04	3.45E-03	7.99E-04	3.31E-03	7.62E-04	3.28E-03	7.56E-04	3.30E-03	7.59E-04	3.29E-03	7.57E-04	2.58E-01	3.99E-02	1.81E+00	4.65E-01
2012 Gridded	3.20E-03	6.87E-04	3.19E-03	6.84E-04	3.39E-03	7.29E-04	3.39E-03	7.29E-04	3.19E-04	3.90E-05	3.19E-03	6.85E-04	3.98E-03	8.63E-04	3.98E-03	8.63E-04	3.20E-03	6.87E-04	3.39E-03	7.29E-04	3.23E-03	6.92E-04	3.20E-03	6.86E-04	3.21E-03	6.90E-04	3.21E-03	6.88E-04	3.45E-01	4.45E-02	1.95E+00	4.16E-01
2013 Gridded	4.88E-03	6.46E-04	4.87E-03	6.43E-04	5.15E-03	6.99E-04	5.15E-03	6.99E-04	3.30E-04	4.99E-05	4.87E-03	6.43E-04	6.00E-03	8.72E-04	6.00E-03	8.72E-04	4.88E-03	6.47E-04	5.15E-03	6.99E-04	4.92E-03	6.53E-04	4.88E-03	6.45E-04	4.90E-03	6.50E-04	4.89E-03	6.47E-04	2.59E-01	3.63E-02	2.60E+00	3.93E-01
2014 Gridded	5.32E-03	8.88E-04	5.29E-03	8.84E-04	5.66E-03	9.43E-04	5.66E-03	9.43E-04	3.27E-04	5.21E-05	5.30E-03	8.85E-04	6.79E-03	1.12E-03	6.79E-03	1.12E-03	5.32E-03	8.88E-04	5.66E-03	9.43E-04	5.36E-03	8.94E-04	5.31E-03	8.86E-04	5.34E-03	8.91E-04	5.32E-03	8.88E-04	2.66E-01	4.90E-02	2.85E+00	5.52E-01
2015 Gridded	3.07E-03	8.59E-04	3.05E-03	8.55E-04	3.35E-03	9.16E-04	3.35E-03	9.16E-04	2.70E-04	5.33E-05	3.05E-03	8.56E-04	4.29E-03	1.10E-03	4.29E-03	1.10E-03	3.07E-03	8.59E-04	3.35E-03	9.16E-04	3.10E-03	8.66E-04	3.06E-03	8.58E-04	3.08E-03	8.62E-04	3.07E-03	8.60E-04	3.64E-01	4.66E-02	1.83E+00	5.26E-01
2016 Gridded	5.18E-03	1.14E-03	5.16E-03	1.13E-03	5.41E-03	1.20E-03	5.41E-03	1.20E-03	2.40E-04	6.32E-05	5.16E-03	1.13E-03	6.18E-03	1.42E-03	6.18E-03	1.42E-03	5.18E-03	1.14E-03	5.41E-03	1.20E-03	5.21E-03	1.14E-03	5.17E-03	1.14E-03	5.19E-03	1.14E-03	5.18E-03	1.14E-03	2.78E-01	5.42E-02	2.80E+00	6.81E-01
2017 Gridded	4.74E-03	9.36E-04	4.72E-03	9.32E-04	5.04E-03	9.95E-04	5.04E-03	9.95E-04	2.76E-04	5.52E-05	4.73E-03	9.33E-04	5.99E-03	1.19E-03	5.99E-03	1.19E-03	4.74E-03	9.37E-04	5.04E-03	9.95E-04	4.78E-03	9.44E-04	4.74E-03	9.35E-04	4.76E-03	9.40E-04	4.75E-03	9.37E-04	2.30E-01	4.39E-02	2.66E+00	5.60E-01
2018 Gridded	3.45E-03	7.96E-04	3.44E-03	7.93E-04	3.63E-03	8.38E-04	3.63E-03	8.38E-04	2.84E-04	3.92E-05	3.44E-03	7.94E-04	4.34E-03	9.73E-04	4.34E-03	9.73E-04	3.45E-03	7.96E-04	3.63E-03	8.38E-04	3.47E-03	8.01E-04	3.45E-03	7.95E-04	3.46E-03	7.99E-04	3.45E-03	7.97E-04	1.60E-01	3.78E-02	2.08E+00	4.76E-01
2019 Gridded	3.43E-03	5.66E-04	3.42E-03	5.64E-04	3.64E-03	6.03E-04	3.64E-03	6.03E-04	2.39E-04	3.85E-05	3.42E-03	5.64E-04	4.33E-03	7.21E-04	4.33E-03	7.21E-04	3.43E-03	5.66E-04	3.64E-03	6.03E-04	3.46E-03	5.71E-04	3.43E-03	5.65E-04	3.44E-03	5.68E-04	3.43E-03	5.67E-04	2.47E-01	3.87E-02	1.85E+00	3.31E-01
2020 Gridded	3.65E-03	6.69E-04	3.64E-03	6.67E-04	3.88E-03	7.11E-04	3.88E-03	7.11E-04	2.15E-04	3.90E-05	3.64E-03	6.67E-04	4.62E-03	8.45E-04	4.62E-03	8.45E-04	3.65E-03	6.70E-04	3.88E-03	7.11E-04	3.68E-03	6.75E-04	3.65E-03	6.69E-04	3.67E-03	6.72E-04	3.66E-03	6.70E-04	3.41E-01	4.31E-02	1.91E+00	4.00E-01
2021 Gridded	4.42E-03	5.06E-04	4.40E-03	5.04E-04	4.66E-03	5.40E-04	4.66E-03	5.40E-04	2.28E-04	3.19E-05	4.41E-03	5.05E-04	5.45E-03	6.50E-04	5.45E-03	6.50E-04	4.42E-03	5.07E-04	4.66E-03	5.40E-04	4.45E-03	5.11E-04	4.41E-03	5.06E-04	4.43E-03	5.08E-04	4.42E-03	5.07E-04	2.74E-01	4.18E-02	2.28E+00	3.31E-01
2022 Gridded	3.79E-03	5.06E-04	3.77E-03	5.04E-04	3.99E-03	5.42E-04	3.99E-03	5.42E-04	2.02E-04	3.35E-05	3.78E-03	5.04E-04	4.64E-03	6.57E-04	4.64E-03	6.57E-04	3.79E-03	5.06E-04	3.99E-03	5.42E-04	3.81E-03	5.11E-04	3.78E-03	5.05E-04	3.80E-03	5.08E-04	3.79E-03	5.07E-04	1.97E-01	3.56E-02	1.95E+00	3.27E-01
2023 Gridded	4.07E-03	7.51E-04	4.05E-03	7.47E-04	4.40E-03	8.05E-04	4.40E-03	8.05E-04	3.09E-04	5.13E-05	4.06E-03	7.48E-04	5.47E-03	9.82E-04	5.47E-03	9.82E-04	4.07E-03	7.51E-04	4.40E-03	8.05E-04	4.11E-03	7.57E-04	4.07E-03	7.49E-04	4.09E-03	7.54E-04	4.08E-03	7.51E-04	2.38E-01	3.88E-02	2.43E+00	4.27E-01
2024 Gridded	5.09E-03	6.98E-04	5.07E-03	6.95E-04	5.36E-03	7.45E-04	5.36E-03	7.45E-04	2.57E-04	4.46E-05	5.07E-03	6.95E-04	6.25E-03	8.99E-04	6.25E-03	8.99E-04	5.09E-03	6.98E-04	5.36E-03	7.45E-04	5.12E-03	7.04E-04	5.08E-03	6.97E-04	5.10E-03	7.01E-04	5.09E-03	6.98E-04	2.71E-01	4.40E-02	2.76E+00	4.42E-01
2025 Gridded	5.23E-03	9.67E-04	5.21E-03	9.62E-04	5.60E-03	1.03E-03	5.60E-03	1.03E-03	3.46E-04	6.30E-05	5.21E-03	9.63E-04	6.79E-03	1.25E-03	6.79E-03	1.25E-03	5.23E-03	9.67E-04	5.60E-03	1.03E-03	5.28E-03	9.75E-04	5.22E-03	9.65E-04	5.25E-03	9.71E-04	5.24E-03	9.68E-04	2.63E-01	4.01E-02	3.01E+00	5.64E-01
2026 Gridded	4.26E-03	7.31E-04	4.24E-03	7.28E-04	4.56E-03	7.82E-04	4.56E-03	7.82E-04	2.76E-04	4.79E-05	4.25E-03	7.29E-04	5.51E-03	9.47E-04	5.51E-03	9.47E-04	4.26E-03	7.31E-04	4.56E-03	7.82E-04	4.30E-03	7.38E-04	4.26E-03	7.30E-04	4.28E-03	7.34E-04	4.27E-03	7.32E-04	2.66E-01	3.92E-02	2.38E+00	4.60E-01
2027 Gridded	5.20E-03	5.89E-04	5.18E-03	5.87E-04	5.54E-03	6.29E-04	5.54E-03	6.29E-04	3.34E-04	3.97E-05	5.19E-03	5.87E-04	6.61E-03	7.59E-04	6.61E-03	7.59E-04	5.21E-03	5.90E-04	5.54E-03	6.29E-04	5.25E-03	5.94E-04	5.20E-03	5.89E-04	5.22E-03	5.92E-04	5.21E-03	5.90E-04	2.78E-01	4.82E-02	3.07E+00	3.37E-01
2028 Gridded	5.78E-03	6.82E-04	5.75E-03	6.78E-04	6.14E-03	7.28E-04	6.14E-03	7.28E-04	4.15E-04	4.40E-05	5.76E-03	6.79E-04	7.29E-03	8.80E-04	7.29E-03	8.80E-04	5.78E-03	6.82E-04	6.14E-03	7.28E-04	5.82E-03	6.87E-04	5.77E-03	6.81E-04	5.80E-03	6.84E-04	5.78E-03	6.82E-04	2.87E-01	4.78E-02	3.30E+00	3.98E-01
2029 Gridded	6.19E-03	5.29E-04	6.16E-03	5.26E-04	6.56E-03	5.62E-04	6.56E-03	5.62E-04	4.17E-04	4.14E-05	6.17E-03	5.27E-04	7.76E-03	6.80E-04	7.76E-03	6.80E-04	6.19E-03	5.29E-04	6.56E-03	5.62E-04	6.23E-03	5.33E-04	6.18E-03	5.28E-04	6.21E-03	5.31E-04	6.19E-03	5.29E-04	3.08E-01	3.61E-02	3.54E+00	3.09E-01
2030 Gridded	5.59E-03	5.60E-04	5.57E-03	5.57E-04	5.90E-03	5.98E-04	5.90E-03	5.98E-04	5.23E-04	3.92E-05	5.57E-03	5.58E-04	7.20E-03	7.22E-04	7.20E-03	7.22E-04	5.59E-03	5.60E-04	5.90E-03	5.98E-04	5.63E-03	5.65E-04	5.58E-03	5.59E-04	5.61E-03	5.62E-04	5.59E-03	5.60E-04	3.12E-01	3.62E-02	3.20E+00	3.15E-01
2031 Gridded	5.63E-03	8.23E-04	5.60E-03	8.19E-04	6.14E-03	8.74E-04	6.14E-03	8.74E-04	4.74E-04	4.85E-05	5.60E-03	8.20E-04	7.77E-03	1.04E-03	7.77E-03	1.04E-03	5.63E-03	8.23E-04	6.14E-03	8.74E-04	5.69E-03	8.29E-04	5.62E-03	8.22E-04	5.66E-03	8.26E-04	5.64E-03	8.23E-04	4.11E-01	3.68E-02	3.49E+00	4.74E-01
2032 Gridded	4.59E-03	9.45E-04	4.57E-03	9.41E-04	4.93E-03	1.01E-03	4.93E-03	1.01E-03	3.73E-04	6.07E-05	4.57E-03	9.41E-04	6.07E-03	1.22E-03	6.07E-03	1.22E-03	4.59E-03	9.45E-04	4.93E-03	1.01E-03	4.63E-03	9.53E-04	4.58E-03	9.43E-04	4.61E-03	9.49E-04	4.60E-03	9.46E-04	2.90E-01	3.50E-02	2.97E+00	5.41E-01
2033 Gridded	4.57E-03	8.04E-04	4.55E-03	7.99E-04	4.92E-03	8.74E-04	4.92E-03	8.74E-04	3.87E-04	6.59E-05	4.55E-03	8.00E-04	6.03E-03	1.10E-03	6.03E-03	1.10E-03	4.57E-03	8.04E-04	4.92E-03	8.74E-04	4.61E-03	8.12E-04	4.56E-03	8.02E-04	4.59E-03	8.08E-04	4.57E-03	8.05E-04	3.51E-01	5.98E-02	2.60E+00	4.68E-01
2034 Gridded	4.07E-03	5.23E-04	4.05E-03	5.20E-04	4.44E-03	5.75E-04	4.44E-03	5.75E-04	3.47E-04	4.86E-05	4.05E-03	5.21E-04	5.64E-03	7.43E-04	5.64E-03	7.43E-04	4.07E-03	5.24E-04	4.44E-03	5.75E-04	4.12E-03	5.30E-04	4.06E-03	5.22E-04	4.09E-03	5.26E-04	4.07E-03	5.24E-04	3.06E-01	5.15E-02	2.45E+00	3.45E-01
2035 Gridded	4.45E-03	4.49E-04	4.43E-03	4.47E-04	4.79E-03	4.77E-04	4.79E-03	4.77E-04	3.12E-04	3.71E-05	4.44E-03	4.47E-04	5.86E-03	5.94E-04	5.86E-03	5.94E-04	4.46E-03	4.49E-04	4.79E-03	4.77E-04	4.50E-03	4.52E-04	4.45E-03	4.48E-04	4.47E-03	4.50E-04	4.46E-03	4.49E-04	2.83E-01	4.11E-02	2.38E+00	2.65E-01
2036 Gridded	2.19E-03	4.12E-04	2.18E-03	4.10E-04	2.32E-03	4.38E-04	2.32E-03	4.38E-04	1.34E-04	2.45E-05	2.18E-03	4.10E-04	2.72E-03	5.22E-04	2.72E-03	5.22E-04	2.19E-03	4.12E-04	2.32E-03	4.38E-04	2.21E-03	4.15E-04	2.19E-03	4.11E-04	2.20E-03	4.13E-04	2.19E-03	4.12E-04	1.68E-01	2.27E-02	1.18E+00	2.41E-01
2037 Gridded	2.31E-03	3.93E-04	2.31E-03	3.91E-04	2.35E-03	4.18E-04	2.35E-03	4.18E-04	1.23E-04	2.32E-05	2.31E-03	3.92E-04	2.68E-03	4.98E-04	2.68E-03	4.98E-04	2.31E-03	3.93E-04	2.35E-03	4.18E-04	2.31E-03	3.96E-04	2.31E-03	3.92E-04	2.31E-03	3.94E-04	2.31E-03	3.93E-04	1.39E-01	1.71E-02	1.21E+00	2.32E-01
2038 Gridded	2.30E-03	3.60E-04	2.29E-03	3.58E-04	2.34E-03	3.82E-04	2.34E-03	3.82E-04	1.41E-04	2.11E-05	2.29E-03	3.59E-04	2.52E-03	4.55E-04	2.52E-03	4.55E-04	2.30E-03	3.60E-04	2.34E-03	3.82E-04	2.30E-03	3.63E-04	2.30E-03	3.59E-04	2.30E-03	3.61E-04	2.30E-03	3.60E-04	1.35E-01	1.83E-02	1.21E+00	2.14E-01
2039 Gridded	2.11E-03	3.09E-04	2.11E-03	3.08E-04	2.15E-03	3.28E-04	2.15E-03	3.28E-04	1.22E-04	1.81E-05	2.11E-03	3.08E-04	2.50E-03	3.91E-04	2.50E-03	3.91E-04	2.11E-03	3.09E-04	2.15E-03	3.28E-04	2.12E-03	3.12E-04	2.11E-03	3.09E-04	2.11E-03	3.10E-04	2.11E-03	3.09E-04	1.44E-01	1.91E-02	1.11E+00	1.85E-01
2040 Gridded	2.24E-03	3.08E-04	2.23E-03	3.06E-04	2.37E-03	3.31E-04	2.37E-03	3.31E-04	1.49E-04	2.18E-05	2.23E-03	3.06E-04	2.79E-03	4.06E-04	2.79E-03	4.06E-04	2.24E-03	3.08E-04	2.37E-03	3.31E-04	2.26E-03	3.11E-04	2.24E-03	3.07E-04	2.25E-03	3.09E-04	2.24E-03	3.08E-04	1.97E-01	2.28E-02	1.20E+00	1.74E-01
2041 Gridded	6.24E-03	1.19E-03	6.22E-03	1.18E-03	6.63E-03	1.24E-03	6.63E-03	1.24E-03	3.68E-04	4.97E-05	6.22E-03	1.18E-03	7.90E-03	1.41E-03	7.90E-03	1.41E-03	6.24E-03	1.19E-03	6.63E-03	1.24E-03	6.29E-03	1.19E-03	6.24E-03	1.19E-03	6.27E-03	1.19E-03	6.25E-03	1.19E-03	2.14E-01	4.11E-02	3.31E+00	6.30E-01
2042 Gridded	4.58E-03	8.90E-04	4.58E-03	8.86E-04	4.75E-03	9.41E-04	4.75E-03	9.41E-04	2.83E-04	5.20E-05	4.58E-03	8.87E-04	5.72E-03	1.11E-03	5.72E-03	1.11E-03	4.58E-03	8.90E-04	4.75E-03	9.41E-04	4.58E-03	8.96E-04	4.58E-03	8.89E-04	4.58E-03	8.93E-04	4.58E-03	8.90E-04	2.24E-01	4.39E-02	2.43E+00	4.75E-01
2043 Gridded	5.09E-03	7.27E-04	5.09E-03	7.23E-04	5.09E-03	7.82E-04	5.09E-03	7.82E-04	2.84E-04	5.16E-05	5.09E-03	7.24E-04	5.15E-03	9.60E-04	5.15E-03	9.60E-04	5.09E-03	7.27E-04	5.09E-03	7.82E-04	5.09E-03	7.34E-04	5.09E-03	7.26E-04	5.09E-03	7.30E-04	5.09E-03	7.28E-04	2.31E-01	4.32E-02	2.71E+00	4.13E-01
2044 Gridded	5.64E-03	9.55E-04	5.64E-03	9.52E-04	5.64E-03	1.01E-03	5.64E-03	1.01E-03	3.12E-04	5.36E-05	5.64E-03	9.52E-04	6.25E-03	1.20E-03	6.25E-03	1.20E-03	5.64E-03	9.56E-04	5.64E-03	1.01E-03	5.64E-03	9.62E-04	5.64E-03	9.54E-04	5.64E-03	9.59E-04	5.64E-03	9.56E-04	2.70E-01	4.20E-02	3.06E+00	5.29E-01
2045 Gridded	8.85E-03	1.43E-03	8.83E-03	1.42E-03	9.03E-03	1.52E-03	9.03E-03	1.52E-03	4.98E-04	8.50E-05	8.84E-03	1.42E-03	1.06E-02	1.81E-03	1.06E-02	1.81E-03	8.85E-03	1.43E-03	9.03E-03	1.52E-03	8.87E-03	1.44E-03	8.84E-03	1.43E-03	8.86E-03	1.43E-03	8.85E-03	1.43E-03	2.73E-01	5.51E-02	4.63E+00	7.92E-01
2046 Gridded	1.39E-02	1.20E-03	1.39E-02	1.20E-03	1.39E-02	1.28E-03	1.39E-02	1.28E-03	5.10E-04	7.52E-05	1.39E-02	1.20E-03	1.39E-02	1.54E-03	1.39E-02	1.54E-03	1.39E-02	1.20E-03	1.39E-02	1.28E-03	1.39E-02	1.21E-03	1.39E-02	1.20E-03	1.39E-02	1.21E-03	1.39E-02	1.20E-03	3.05E-01	6.08E-02	7.34E+00	6.77E-01
2047 Gridded	9.68E-03	1.09E-03	9.64E-03	1.08E-03	1.03E-02	1.15E-03	1.03E-02	1.15E-03	5.69E-04	5.79E-05	9.64E-03	1.08E-03	1.22E-02	1.35E-03	1.22E-02	1.35E-03	9.68E-03	1.09E-03	1.03E-02	1.15E-03	9.75E-03	1.09E-03	9.66E-03	1.08E-03	9.71E-03	1.09E-03	9.68E-03	1.09E-03	3.57E-01	6.94E-02	5.14E+00	5.83E-01
2048 Gridded	6.61E-03	1.22E-03	6.58E-03	1.22E-03	7.05E-03	1.31E-03	7.05E-03	1.31E-03	4.14E-04	8.29E-05	6.59E-03	1.22E-03	8.48E-03	1.60E-03	8.48E-03	1.60E-03	6.62E-03	1.22E-03	7.05E-03	1.31E-03	6.67E-03	1.23E-03	6.60E-03	1.22E-03	6.64E-03	1.23E-03	6.62E-03	1.22E-03	3.66E-01	7.16E-02	3.59E+00	6.56E-01
2049 Gridded	8.01E-03	1.26E-03	8.01E-03	1.26E-03	8.01E-03	1.28E-03	8.01E-03	1.28E-03	4.16E-04	7.32E-05	8.01E-03	1.26E-03	8.53E-03	1.35E-03	8.53E-03	1.35E-03	8.01E-03	1.26E-03	8.01E-03	1.28E-03	8.01E-03	1.27E-03	8.01E-03	1.26E-03	8.01E-03	1.26E-03	8.01E-03	1.26E-03	3.21E-01	6.23E-02	4.26E+00	6.77E-01
2050 Gridded	8.21E-03	1.22E-03	8.21E-03	1.22E-03	8.21E-03	1.24E-03	8.21E-03	1.24E-03	3.90E-04	7.88E-05	8.21E-03	1.22E-03	8.21E-03	1.42E-03	8.21E-03	1.42E-03	8.21E-03	1.22E-03	8.21E-03	1.24E-03	8.21E-03	1.23E-03	8.21E-03	1.22E-03	8.21E-03	1.22E-03	8.21E-03	1.22E-03	3.38E-01	5.53E-02	4.38E+00	6.79E-01
2051 Gridded	7.39E-03	1.13E-03	7.37E-03	1.13E-03	7.61E-03	1.19E-03	7.61E-03	1.19E-03	3.38E-04	6.31E-05	7.38E-03	1.13E-03	8.32E-03	1.36E-03	8.32E-03	1.36E-03	7.39E-03	1.13E-03	7.61E-03	1.19E-03	7.42E-03	1.14E-03	7.38E-03	1.13E-03	7.40E-03	1.14E-03	7.39E-03	1.13E-03	2.99E-01	7.84E-02	3.95E+00	6.17E-01
2052 Gridded	6.42E-03	1.43E-03	6.40E-03	1.43E-03	6.85E-03	1.53E-03	6.85E-03	1.53E-03	5.12E-04	9.47E-05	6.40E-03	1.43E-03	8.23E-03	1.86E-03	8.23E-03	1.86E-03	6.43E-03	1.43E-03	6.85E-03	1.53E-03	6.48E-03	1.45E-03	6.41E-03	1.43E-03	6.45E-03	1.44E-03	6.43E-03	1.43E-03	3.36E-01	1.03E-01	3.43E+00	7.78E-01
2053 Gridded	4.24E-03	1.09E-03	4.24E-03	1.08E-03	4.25E-03	1.16E-03	4.25E-03	1.16E-03	4.83E-04	7.32E-05	4.24E-03	1.08E-03	5.02E-03	1.42E-03	5.02E-03	1.42E-03	4.24E-03	1.09E-03	4.25E-03	1.16E-03	4.24E-03	1.09E-03	4.24E-03	1.08E-03	4.24E-03	1.09E-03	4.24E-03	1.09E-03	3.95E-01	8.36E-02	2.42E+00	6.16E-01
2054 Gridded	5.94E-03	1.22E-03	5.94E-03	1.21E-03	5.98E-03	1.30E-03	5.98E-03	1.30E-03	2.34E-04	7.50E-05	5.94E-03	1.21E-03	6.13E-03	1.56E-03	6.13E-03	1.56E-03	5.94E-03	1.22E-03	5.98E-03	1.30E-03	5.94E-03	1.23E-03	5.94E-03	1.22E-03	5.94E-03	1.22E-03	5.94E-03	1.22E-03	3.66E-01	4.35E-02	3.17E+00	7.13E-01
2055 Gridded	3.98E-03	9.27E-04	3.97E-03	9.23E-04	4.18E-03	9.79E-04	4.18E-03	9.79E-04	2.56E-04	4.89E-05	3.97E-03	9.24E-04	4.83E-03	1.15E-03	4.83E-03	1.15E-03	3.98E-03	9.27E-04	4.18E-03	9.79E-04	4.01E-03	9.33E-04	3.98E-03	9.26E-04	3.99E-03	9.30E-04	3.98E-03	9.27E-04	2.28E-01	5.97E-02	2.13E+00	6.14E-01
2056 Gridded	4.62E-03	8.54E-04	4.61E-03	8.50E-04	4.69E-03	9.15E-04	4.69E-03	9.15E-04	1.87E-04	5.73E-05	4.61E-03	8.51E-04	4.93E-03	1.11E-03	4.93E-03	1.11E-03	4.62E-03	8.54E-04	4.69E-03	9.15E-04	4.63E-03	8.62E-04	4.62E-03	8.53E-04	4.62E-03	8.58E-04	4.62E-03	8.55E-04	2.25E-01	6.91E-02	2.78E+00	4.85E-01
2057 Gridded	3.64E-03	9.16E-04	3.64E-03	9.12E-04	3.65E-03	9.73E-04	3.65E-03	9.73E-04	2.48E-04	5.33E-05	3.64E-03	9.13E-04	4.01E-03	1.16E-03	4.01E-03	1.16E-03	3.64E-03	9.16E-04	3.65E-03	9.73E-04	3.64E-03	9.23E-04	3.64E-03	9.15E-04	3.64E-03	9.19E-04	3.64E-03	9.17E-04	3.01E-01	6.84E-02	2.06E+00	5.85E-01
2058 Gridded	2.72E-03	5.25E-04	2.71E-03	5.23E-04	2.90E-03	5.60E-04	2.90E-03	5.60E-04	2.23E-04	3.34E-05	2.71E-03	5.23E-04	3.50E-03	6.73E-04	3.50E-03	6.73E-04	2.72E-03	5.25E-04	2.90E-03	5.60E-04	2.74E-03	5.29E-04	2.71E-03	5.24E-04	2.73E-03	5.27E-04	2.72E-03	5.25E-04	2.18E-01	4.26E-02	1.63E+00	3.25E-01
2059 Gridded	4.15E-03	6.98E-04	4.13E-03	6.95E-04	4.40E-03	7.49E-04	4.40E-03	7.49E-04	3.19E-04	4.76E-05	4.13E-03	6.95E-04	5.23E-03	9.13E-04	5.23E-03	9.13E-04	4.15E-03	6.98E-04	4.40E-03	7.49E-04	4.18E-03	7.05E-04	4.14E-03	6.97E-04	4.16E-03	7.01E-04	4.15E-03	6.99E-04	2.81E-01	5.04E-02	2.22E+00	4.38E-01
2060 Gridded	4.41E-03	6.55E-04	4.39E-03	6.52E-04	4.67E-03	7.02E-04	4.67E-03	7.02E-04	3.25E-04	4.46E-05	4.40E-03	6.52E-04	5.52E-03	8.56E-04	5.52E-03	8.56E-04	4.41E-03	6.55E-04	4.67E-03	7.02E-04	4.44E-03	6.61E-04	4.41E-03	6.54E-04	4.43E-03	6.58E-04	4.41E-03	6.55E-04	3.04E-01	5.21E-02	2.40E+00	3.99E-01
2061 Gridded	4.05E-03	7.78E-04	4.05E-03	7.75E-04	4.19E-03	8.29E-04	4.19E-03	8.29E-04	2.80E-04	4.80E-05	4.05E-03	7.75E-04	4.82E-03	9.95E-04	4.82E-03	9.95E-04	4.05E-03	7.78E-04	4.19E-03	8.29E-04	4.07E-03	7.84E-04	4.05E-03	7.77E-04	4.06E-03	7.81E-04	4.06E-03	7.79E-04	3.37E-01	4.13E-02	2.17E+00	4.79E-01
2062 Gridded	4.46E-03	7.40E-04	4.45E-03	7.38E-04	4.70E-03	7.80E-04	4.70E-03	7.80E-04	3.74E-04	3.73E-05	4.45E-03	7.38E-04	5.47E-03	9.09E-04	5.47E-03	9.09E-04	4.46E-03	7.41E-04	4.70E-03	7.80E-04	4.49E-03	7.45E-04	4.46E-03	7.40E-04	4.48E-03	7.43E-04	4.46E-03	7.41E-04	4.15E-01	4.53E-02	2.39E+00	4.53E-01
2063 Gridded	3.21E-03	6.85E-04	3.19E-03	6.82E-04	3.48E-03	7.23E-04	3.48E-03	7.23E-04	3.48E-04	3.67E-05	3.19E-03	6.82E-04	4.36E-03	8.49E-04	4.36E-03	8.49E-04	3.21E-03	6.85E-04	3.48E-03	7.23E-04	3.24E-03	6.89E-04	3.20E-03	6.84E-04	3.22E-03	6.87E-04	3.21E-03	6.85E-04	3.45E-01	4.36E-02	1.92E+00	4.12E-01
2064 Gridded	4.74E-03	7.82E-04	4.72E-03	7.78E-04	4.99E-03	8.42E-04	4.99E-03	8.42E-04	4.08E-04	5.65E-05	4.72E-03	7.79E-04	5.81E-03	1.04E-03	5.81E-03	1.04E-03	4.74E-03	7.82E-04	4.99E-03	8.42E-04	4.77E-03	7.90E-04	4.73E-03	7.81E-04	4.75E-03	7.86E-04	4.74E-03	7.83E-04	3.19E-01	5.24E-02	2.50E+00	4.72E-01
2065 Gridded	4.82E-03	8.91E-04	4.80E-03	8.87E-04	5.15E-03	9.45E-04	5.15E-03	9.45E-04	3.07E-04	5.12E-05	4.81E-03	8.88E-04	6.21E-03	1.12E-03	6.21E-03	1.12E-03	4.83E-03	8.91E-04	5.15E-03	9.45E-04	4.86E-03	8.98E-04	4.82E-03	8.90E-04	4.84E-03	8.94E-04	4.83E-03	8.92E-04	2.95E-01	5.29E-02	2.57E+00	5.54E-01
2066 Gridded	3.17E-03	8.52E-04	3.16E-03	8.48E-04	3.32E-03	9.11E-04	3.32E-03	9.11E-04	2.66E-04	5.58E-05	3.17E-03	8.48E-04	4.02E-03	1.10E-03	4.02E-03	1.10E-03	3.17E-03	8.52E-04	3.32E-03	9.11E-04	3.19E-03	8.59E-04	3.17E-03	8.50E-04	3.18E-03	8.55E-04	3.17E-03	8.52E-04	4.22E-01	5.48E-02	1.85E+00	5.18E-01
2067 Gridded	5.77E-03	1.14E-03	5.75E-03	1.13E-03	6.03E-03	1.21E-03	6.03E-03	1.21E-03	3.54E-04	6.39E-05	5.75E-03	1.13E-03	6.88E-03	1.43E-03	6.88E-03	1.43E-03	5.77E-03	1.14E-03	6.03E-03	1.21E-03	5.80E-03	1.15E-03	5.76E-03	1.14E-03	5.78E-03	1.14E-03	5.77E-03	1.14E-03	3.17E-01	5.51E-02	3.11E+00	6.76E-01
2068 Gridded	5.22E-03	1.07E-03	5.20E-03	1.07E-03	5.54E-03	1.14E-03	5.54E-03	1.14E-03	3.06E-04	6.44E-05	5.20E-03	1.07E-03	6.60E-03	1.36E-03	6.60E-03	1.36E-03	5.22E-03	1.07E-03	5.54E-03	1.14E-03	5.26E-03	1.08E-03	5.21E-03	1.07E-03	5.24E-03	1.07E-03	5.22E-03	1.07E-03	2.71E-01	5.41E-02	2.91E+00	6.29E-01
2069 Gridded	3.83E-03	8.38E-04	3.81E-03	8.35E-04	4.05E-03	8.84E-04	4.05E-03	8.84E-04	4.46E-04	4.35E-05	3.82E-03	8.36E-04	5.38E-03	1.03E-03	5.38E-03	1.03E-03	3.83E-03	8.38E-04	4.05E-03	8.84E-04	3.86E-03	8.44E-04	3.82E-03	8.37E-04	3.84E-03	8.41E-04	3.83E-03	8.39E-04	1.94E-01	4.01E-02	2.27E+00	4.98E-01
2070 Gridded	3.25E-03	5.08E-04	3.24E-03	5.06E-04	3.45E-03	5.42E-04	3.45E-03	5.42E-04	2.67E-04	3.21E-05	3.24E-03	5.06E-04	4.11E-03	6.50E-04	4.11E-03	6.50E-04	3.25E-03	5.08E-04	3.45E-03	5.42E-04	3.28E-03	5.12E-04	3.25E-03	5.08E-04	3.26E-03	5.10E-04	3.25E-03	5.09E-04	2.37E-01	4.20E-02	1.73E+00	2.94E-01
2071 Gridded	2.98E-03	6.44E-04	2.97E-03	6.42E-04	3.15E-03	6.84E-04	3.15E-03	6.84E-04	1.79E-04	3.93E-05	2.97E-03	6.42E-04	3.71E-03	8.12E-04	3.71E-03	8.12E-04	2.98E-03	6.44E-04	3.15E-03	6.84E-04	3.00E-03	6.49E-04	2.97E-03	6.43E-04	2.99E-03	6.47E-04	2.98E-03	6.45E-04	3.11E-01	3.89E-02	1.69E+00	3.79E-01
2072 Gridded	3.96E-03	5.33E-04	3.94E-03	5.30E-04	4.18E-03	5.65E-04	4.18E-03	5.65E-04	2.10E-04	3.14E-05	3.95E-03	5.31E-04	4.91E-03	6.69E-04	4.91E-03	6.69E-04	3.96E-03	5.33E-04	4.18E-03	5.65E-04	3.99E-03	5.37E-04	3.95E-03	5.32E-04	3.97E-03	5.35E-04	3.96E-03	5.33E-04	3.71E-01	4.18E-02	2.00E+00	3.44E-01
2073 Gridded	3.61E-03	4.88E-04	3.60E-03	4.86E-04	3.80E-03	5.21E-04	3.80E-03	5.21E-04	2.25E-04	3.21E-05	3.60E-03	4.86E-04	4.43E-03	6.27E-04	4.43E-03	6.27E-04	3.61E-03	4.88E-04	3.80E-03	5.21E-04	3.63E-03	4.92E-04	3.61E-03	4.87E-04	3.62E-03	4.90E-04	3.61E-03	4.89E-04	2.01E-01	3.53E-02	1.79E+00	2.93E-01

Scenario 2 Results

2074 Gridded	3.68E-03	5.89E-04	3.67E-03	5.86E-04	3.94E-03	6.30E-04	3.94E-03	6.30E-04	2.48E-04	3.87E-05	3.67E-03	5.87E-04	4.79E-03	7.64E-04	4.79E-03	7.64E-04	3.69E-03	5.89E-04	3.94E-03	6.30E-04	3.72E-03	5.94E-04	3.68E-03	5.88E-04	3.70E-03	5.92E-04	3.69E-03	5.90E-04	2.33E-01	3.66E-02	2.05E+00	3.53E-01
2075 Gridded	4.96E-03	7.94E-04	4.94E-03	7.91E-04	5.22E-03	8.50E-04	5.22E-03	8.50E-04	2.82E-04	5.21E-05	4.94E-03	7.91E-04	6.07E-03	1.03E-03	6.07E-03	1.03E-03	4.96E-03	7.95E-04	5.22E-03	8.50E-04	4.99E-03	8.01E-04	4.95E-03	7.93E-04	4.97E-03	7.98E-04	4.96E-03	7.95E-04	2.44E-01	3.69E-02	2.64E+00	4.64E-01
2076 Gridded	5.68E-03	7.26E-04	5.66E-03	7.23E-04	6.00E-03	7.75E-04	6.00E-03	7.75E-04	2.92E-04	4.62E-05	5.67E-03	7.23E-04	7.00E-03	9.34E-04	7.00E-03	9.34E-04	5.69E-03	7.26E-04	6.00E-03	7.75E-04	5.72E-03	7.32E-04	5.68E-03	7.25E-04	5.70E-03	7.29E-04	5.69E-03	7.26E-04	2.64E-01	4.26E-02	2.92E+00	4.09E-01
2077 Gridded	5.25E-03	9.68E-04	5.23E-03	9.64E-04	5.60E-03	1.03E-03	5.60E-03	1.03E-03	3.26E-04	6.05E-05	5.23E-03	9.65E-04	6.72E-03	1.24E-03	6.72E-03	1.24E-03	5.25E-03	9.69E-04	5.60E-03	1.03E-03	5.29E-03	9.76E-04	5.24E-03	9.67E-04	5.27E-03	9.72E-04	5.25E-03	9.69E-04	2.51E-01	3.75E-02	3.05E+00	5.70E-01
2078 Gridded	4.78E-03	6.96E-04	4.76E-03	6.93E-04	5.09E-03	7.43E-04	5.09E-03	7.43E-04	2.89E-04	4.42E-05	4.77E-03	6.94E-04	6.09E-03	8.95E-04	6.09E-03	8.95E-04	4.78E-03	6.96E-04	5.09E-03	7.43E-04	4.82E-03	7.02E-04	4.78E-03	6.95E-04	4.80E-03	6.99E-04	4.79E-03	6.97E-04	2.78E-01	3.62E-02	2.69E+00	4.35E-01
2079 Gridded	4.96E-03	6.74E-04	4.94E-03	6.71E-04	5.26E-03	7.19E-04	5.26E-03	7.19E-04	3.66E-04	4.17E-05	4.94E-03	6.72E-04	6.24E-03	8.63E-04	6.24E-03	8.63E-04	4.96E-03	6.75E-04	5.26E-03	7.19E-04	5.00E-03	6.80E-04	4.95E-03	6.73E-04	4.98E-03	6.77E-04	4.96E-03	6.75E-04	2.69E-01	4.72E-02	2.94E+00	3.82E-01
2080 Gridded	5.08E-03	6.94E-04	5.06E-03	6.91E-04	5.40E-03	7.44E-04	5.40E-03	7.44E-04	4.41E-04	4.75E-05	5.06E-03	6.91E-04	6.43E-03	9.08E-04	6.43E-03	9.08E-04	5.08E-03	6.94E-04	5.40E-03	7.44E-04	5.12E-03	7.00E-04	5.07E-03	6.93E-04	5.10E-03	6.97E-04	5.08E-03	6.94E-04	2.65E-01	4.50E-02	2.89E+00	4.04E-01
2081 Gridded	5.43E-03	4.87E-04	5.41E-03	4.85E-04	5.76E-03	5.16E-04	5.76E-03	5.16E-04	4.08E-04	4.01E-05	5.41E-03	4.85E-04	6.83E-03	6.51E-04	6.83E-03	6.51E-04	5.43E-03	4.87E-04	5.76E-03	5.16E-04	5.47E-03	4.90E-04	5.42E-03	4.86E-04	5.45E-03	4.89E-04	5.43E-03	4.87E-04	2.65E-01	3.29E-02	3.10E+00	2.89E-01
2082 Gridded	5.38E-03	5.25E-04	5.36E-03	5.23E-04	5.67E-03	5.60E-04	5.67E-03	5.60E-04	5.08E-04	3.78E-05	5.36E-03	5.23E-04	7.14E-03	6.74E-04	7.14E-03	6.74E-04	5.38E-03	5.25E-04	5.67E-03	5.60E-04	5.42E-03	5.29E-04	5.37E-03	5.24E-04	5.40E-03	5.27E-04	5.38E-03	5.25E-04	2.85E-01	3.13E-02	3.06E+00	2.94E-01
2083 Gridded	6.57E-03	8.28E-04	6.52E-03	8.25E-04	7.23E-03	8.80E-04	7.23E-03	8.80E-04	6.27E-04	4.86E-05	6.53E-03	8.25E-04	9.40E-03	1.05E-03	9.40E-03	1.05E-03	6.57E-03	8.28E-04	7.23E-03	8.80E-04	6.65E-03	8.35E-04	6.55E-03	8.27E-04	6.61E-03	8.31E-04	6.57E-03	8.29E-04	5.05E-01	3.74E-02	4.05E+00	4.81E-01
2084 Gridded	8.13E-03	1.33E-03	8.09E-03	1.33E-03	8.70E-03	1.41E-03	8.70E-03	1.41E-03	5.33E-04	7.26E-05	8.10E-03	1.33E-03	1.05E-02	1.66E-03	1.05E-02	1.66E-03	8.13E-03	1.33E-03	8.70E-03	1.41E-03	8.20E-03	1.34E-03	8.12E-03	1.33E-03	8.17E-03	1.34E-03	8.14E-03	1.33E-03	4.15E-01	3.74E-02	5.03E+00	7.54E-01
2085 Gridded	5.22E-03	1.01E-03	5.19E-03	1.00E-03	5.65E-03	1.08E-03	5.65E-03	1.08E-03	4.04E-04	7.01E-05	5.20E-03	1.00E-03	7.04E-03	1.32E-03	7.04E-03	1.32E-03	5.22E-03	1.01E-03	5.65E-03	1.08E-03	5.28E-03	1.02E-03	5.21E-03	1.00E-03	5.25E-03	1.01E-03	5.23E-03	1.01E-03	3.14E-01	5.40E-02	2.91E+00	5.75E-01
2086 Gridded	5.04E-03	7.36E-04	5.01E-03	7.31E-04	5.43E-03	8.06E-04	5.43E-03	8.06E-04	3.93E-04	6.58E-05	5.02E-03	7.32E-04	6.71E-03	1.03E-03	6.71E-03	1.03E-03	5.04E-03	7.36E-04	5.43E-03	8.06E-04	5.09E-03	7.45E-04	5.03E-03	7.34E-04	5.06E-03	7.40E-04	5.05E-03	7.37E-04	3.35E-01	5.66E-02	2.91E+00	4.28E-01
2087 Gridded	2.33E-03	3.74E-04	2.32E-03	3.72E-04	2.48E-03	3.96E-04	2.48E-03	3.96E-04	1.98E-04	3.07E-05	2.32E-03	3.73E-04	2.96E-03	4.67E-04	2.96E-03	4.67E-04	2.33E-03	3.74E-04	2.48E-03	3.96E-04	2.35E-03	3.76E-04	2.32E-03	3.73E-04	2.34E-03	3.75E-04	2.33E-03	3.74E-04	1.93E-01	2.62E-02	1.24E+00	2.25E-01
2088 Gridded	2.35E-03	3.58E-04	2.35E-03	3.56E-04	2.39E-03	3.81E-04	2.39E-03	3.81E-04	1.15E-04	2.13E-05	2.35E-03	3.57E-04	2.51E-03	4.54E-04	2.51E-03	4.54E-04	2.35E-03	3.58E-04	2.39E-03	3.81E-04	2.36E-03	3.61E-04	2.35E-03	3.57E-04	2.36E-03	3.59E-04	2.35E-03	3.58E-04	1.34E-01	1.95E-02	1.24E+00	2.09E-01
2089 Gridded	2.32E-03	3.70E-04	2.32E-03	3.69E-04	2.36E-03	3.94E-04	2.36E-03	3.94E-04	1.23E-04	2.19E-05	2.32E-03	3.69E-04	2.53E-03	4.69E-04	2.53E-03	4.69E-04	2.32E-03	3.70E-04	2.36E-03	3.94E-04	2.32E-03	3.73E-04	2.32E-03	3.70E-04	2.32E-03	3.72E-04	2.32E-03	3.71E-04	1.55E-01	1.96E-02	1.22E+00	2.18E-01
2090 Gridded	2.13E-03	3.54E-04	2.13E-03	3.53E-04	2.17E-03	3.76E-04	2.17E-03	3.76E-04	1.43E-04	2.08E-05	2.13E-03	3.53E-04	2.63E-03	4.48E-04	2.63E-03	4.48E-04	2.13E-03	3.54E-04	2.17E-03	3.76E-04	2.14E-03	3.57E-04	2.13E-03	3.54E-04	2.14E-03	3.56E-04	2.13E-03	3.55E-04	1.51E-01	1.67E-02	1.12E+00	2.10E-01
2091 Gridded	2.53E-03	3.31E-04	2.51E-03	3.29E-04	2.74E-03	3.51E-04	2.74E-03	3.51E-04	1.99E-04	1.93E-05	2.51E-03	3.30E-04	3.42E-03	4.18E-04	3.42E-03	4.18E-04	2.53E-03	3.31E-04	2.74E-03	3.51E-04	2.55E-03	3.33E-04	2.52E-03	3.30E-04	2.54E-03	3.32E-04	2.53E-03	3.31E-04	1.73E-01	2.14E-02	1.50E+00	1.97E-01
2092 Gridded	4.28E-03	7.78E-04	4.26E-03	7.74E-04	4.58E-03	8.27E-04	4.58E-03	8.27E-04	2.86E-04	5.10E-05	4.26E-03	7.75E-04	5.57E-03	9.86E-04	5.57E-03	9.86E-04	4.28E-03	7.78E-04	4.58E-03	8.27E-04	4.32E-03	7.84E-04	4.27E-03	7.76E-04	4.30E-03	7.80E-04	4.28E-03	7.78E-04	2.06E-01	4.14E-02	2.27E+00	4.19E-01
2093 Gridded	3.95E-03	7.04E-04	3.94E-03	7.02E-04	4.21E-03	7.45E-04	4.21E-03	7.45E-04	2.58E-04	4.41E-05	3.94E-03	7.02E-04	5.05E-03	8.79E-04	5.05E-03	8.79E-04	3.96E-03	7.05E-04	4.21E-03	7.45E-04	3.99E-03	7.09E-04	3.95E-03	7.03E-04	3.97E-03	7.07E-04	3.96E-03	7.05E-04	2.26E-01	3.61E-02	2.10E+00	3.87E-01
2094 Gridded	5.76E-03	9.47E-04	5.75E-03	9.44E-04	5.84E-03	1.01E-03	5.84E-03	1.01E-03	2.95E-04	5.50E-05	5.75E-03	9.44E-04	6.38E-03	1.20E-03	6.38E-03	1.20E-03	5.76E-03	9.48E-04	5.84E-03	1.01E-03	5.77E-03	9.55E-04	5.75E-03	9.46E-04	5.76E-03	9.51E-04	5.76E-03	9.48E-04	2.27E-01	4.27E-02	3.00E+00	5.26E-01
2095 Gridded	6.69E-03	1.01E-03	6.68E-03	1.01E-03	6.81E-03	1.08E-03	6.81E-03	1.08E-03	3.88E-04	6.41E-05	6.68E-03	1.01E-03	7.89E-03	1.30E-03	7.89E-03	1.30E-03	6.69E-03	1.01E-03	6.81E-03	1.08E-03	6.70E-03	1.02E-03	6.69E-03	1.01E-03	6.70E-03	1.01E-03	6.69E-03	1.01E-03	2.59E-01	5.07E-02	3.49E+00	5.69E-01
2096 Gridded	9.51E-03	7.58E-04	9.51E-03	7.58E-04	9.51E-03	8.08E-04	9.51E-03	8.08E-04	3.71E-04	5.15E-05	9.51E-03	7.58E-04	9.51E-03	9.85E-04	9.51E-03	9.85E-04	9.51E-03	7.58E-04	9.51E-03	8.08E-04	9.51E-03	7.60E-04	9.51E-03	7.58E-04	9.51E-03	7.58E-04	9.51E-03	7.58E-04	2.67E-01	5.56E-02	4.99E+00	4.33E-01
2097 Gridded	9.50E-03	1.23E-03	9.46E-03	1.22E-03	1.01E-02	1.30E-03	1.01E-02	1.30E-03	5.60E-04	6.69E-05	9.47E-03	1.22E-03	1.20E-02	1.53E-03	1.20E-02	1.53E-03	9.50E-03	1.23E-03	1.01E-02	1.30E-03	9.58E-03	1.24E-03	9.49E-03	1.23E-03	9.54E-03	1.23E-03	9.51E-03	1.23E-03	3.48E-01	6.30E-02	5.04E+00	6.58E-01
2098 Gridded	6.66E-03	1.39E-03	6.66E-03	1.38E-03	6.85E-03	1.49E-03	6.85E-03	1.49E-03	4.24E-04	9.44E-05	6.66E-03	1.38E-03	8.23E-03	1.81E-03	8.23E-03	1.81E-03	6.66E-03	1.39E-03	6.85E-03	1.49E-03	6.68E-03	1.40E-03	6.66E-03	1.39E-03	6.67E-03	1.39E-03	6.67E-03	1.39E-03	2.95E-01	6.20E-02	3.91E+00	7.43E-01
2099 Gridded	9.60E-03	1.62E-03	9.60E-03	1.62E-03	9.60E-03	1.64E-03	9.60E-03	1.64E-03	4.77E-04	7.92E-05	9.60E-03	1.62E-03	1.01E-02	1.73E-03	1.01E-02	1.73E-03	9.60E-03	1.62E-03	9.60E-03	1.64E-03	9.60E-03	1.62E-03	9.60E-03	1.62E-03	9.60E-03	1.62E-03	9.60E-03	1.62E-03	3.00E-01	5.38E-02	5.09E+00	8.65E-01
2100 Gridded	8.06E-03	1.13E-03	8.06E-03	1.13E-03	8.06E-03	1.14E-03	8.06E-03	1.14E-03	3.43E-04	7.47E-05	8.06E-03	1.13E-03	8.06E-03	1.33E-03	8.06E-03	1.33E-03	8.06E-03	1.13E-03	8.06E-03	1.14E-03	8.06E-03	1.13E-03	8.06E-03	1.13E-03	8.06E-03	1.13E-03	8.06E-03	1.13E-03	3.04E-01	5.35E-02	4.29E+00	6.42E-01
2101 Gridded	6.29E-03	1.00E-03	6.28E-03	1.00E-03	6.48E-03	1.05E-03	6.48E-03	1.05E-03	2.87E-04	5.41E-05	6.28E-03	1.00E-03	7.09E-03	1.21E-03	7.09E-03	1.21E-03	6.29E-03	1.00E-03	6.48E-03	1.05E-03	6.32E-03	1.01E-03	6.29E-03	1.00E-03	6.30E-03	1.01E-03	6.30E-03	1.01E-03	2.56E-01	7.01E-02	3.36E+00	5.46E-01
2102 Gridded	6.24E-03	1.37E-03	6.21E-03	1.37E-03	6.64E-03	1.47E-03	6.64E-03	1.47E-03	4.73E-04	8.82E-05	6.21E-03	1.37E-03	7.93E-03	1.77E-03	7.93E-03	1.77E-03	6.24E-03	1.37E-03	6.64E-03	1.47E-03	6.29E-03	1.38E-03	6.23E-03	1.37E-03	6.26E-03	1.38E-03	6.24E-03	1.37E-03	3.02E-01	9.40E-02	3.33E+00	7.43E-01
2103 Gridded	6.61E-03	1.29E-03	6.61E-03	1.29E-03	6.66E-03	1.38E-03	6.66E-03	1.38E-03	7.10E-04	8.42E-05	6.61E-03	1.29E-03	8.03E-03	1.67E-03	8.03E-03	1.67E-03	6.61E-03	1.29E-03	6.66E-03	1.38E-03	6.61E-03	1.30E-03	6.61E-03	1.29E-03	6.61E-03	1.30E-03	6.61E-03	1.29E-03	4.14E-01	9.64E-02	3.75E+00	7.21E-01
2104 Gridded	8.01E-03	1.36E-03	8.01E-03	1.35E-03	8.06E-03	1.45E-03	8.06E-03	1.45E-03	3.59E-04	8.39E-05	8.01E-03	1.35E-03	8.20E-03	1.74E-03	8.20E-03	1.74E-03	8.01E-03	1.36E-03	8.06E-03	1.45E-03	8.02E-03	1.37E-03	8.01E-03	1.36E-03	8.02E-03	1.36E-03	8.02E-03	1.36E-03	4.13E-01	5.22E-02	4.28E+00	7.76E-01
2105 Gridded	8.11E-03	1.12E-03	8.09E-03	1.12E-03	8.37E-03	1.19E-03	8.37E-03	1.19E-03	4.65E-04	6.09E-05	8.09E-03	1.12E-03	9.23E-03	1.40E-03	9.23E-03	1.40E-03	8.11E-03	1.12E-03	8.37E-03	1.19E-03	8.14E-03	1.13E-03	8.10E-03	1.12E-03	8.12E-03	1.12E-03	8.11E-03	1.12E-03	2.57E-01	6.06E-02	4.33E+00	7.15E-01
2106 Gridded	5.67E-03	1.02E-03	5.66E-03	1.02E-03	5.84E-03	1.08E-03	5.84E-03	1.08E-03	2.35E-04	5.95E-05	5.66E-03	1.02E-03	6.38E-03	1.29E-03	6.38E-03	1.29E-03	5.67E-03	1.02E-03	5.84E-03	1.08E-03	5.69E-03	1.03E-03	5.67E-03	1.02E-03	5.68E-03	1.03E-03	5.67E-03	1.02E-03	2.72E-01	7.18E-02	3.35E+00	5.73E-01
2107 Gridded	2.66E-03	7.34E-04	2.65E-03	7.30E-04	2.68E-03	7.82E-04	2.68E-03	7.82E-04	1.90E-04	4.60E-05	2.65E-03	7.31E-04	3.19E-03	9.37E-04	3.19E-03	9.37E-04	2.66E-03	7.34E-04	2.68E-03	7.82E-04	2.66E-03	7.40E-04	2.65E-03	7.33E-04	2.66E-03	7.37E-04	2.66E-03	7.34E-04	2.25E-01	5.45E-02	1.83E+00	4.59E-01
2108 Gridded	3.39E-03	6.79E-04	3.38E-03	6.77E-04	3.59E-03	7.17E-04	3.59E-03	7.17E-04	2.19E-04	3.52E-05	3.38E-03	6.77E-04	4.24E-03	8.38E-04	4.24E-03	8.38E-04	3.39E-03	6.80E-04	3.59E-03	7.17E-04	3.42E-03	6.84E-04	3.39E-03	6.79E-04	3.40E-03	6.82E-04	3.39E-03	6.80E-04	2.74E-01	4.61E-02	1.82E+00	4.45E-01
2109 Gridded	3.04E-03	5.61E-04	3.03E-03	5.58E-04	3.15E-03	6.03E-04	3.15E-03	6.03E-04	2.38E-04	3.95E-05	3.03E-03	5.59E-04	3.51E-03	7.39E-04	3.51E-03	7.39E-04	3.04E-03	5.61E-04	3.15E-03	6.03E-04	3.05E-03	5.66E-04	3.04E-03	5.60E-04	3.04E-03	5.63E-04	3.04E-03	5.61E-04	2.20E-01	4.81E-02	1.63E+00	3.50E-01
2110 Gridded	3.81E-03	6.10E-04	3.80E-03	6.07E-04	3.96E-03	6.51E-04	3.96E-03	6.51E-04	2.80E-04	3.90E-05	3.80E-03	6.08E-04	4.57E-03	7.86E-04	4.57E-03	7.86E-04	3.81E-03	6.10E-04	3.96E-03	6.51E-04	3.83E-03	6.15E-04	3.81E-03	6.09E-04	3.82E-03	6.12E-04	3.81E-03	6.10E-04	2.15E-01	3.83E-02	2.18E+00	3.88E-01
2111 Gridded	4.51E-03	7.52E-04	4.50E-03	7.49E-04	4.75E-03	8.02E-04	4.75E-03	8.02E-04	2.72E-04	4.64E-05	4.50E-03	7.50E-04	5.51E-03	9.61E-04	5.51E-03	9.61E-04	4.51E-03	7.52E-04	4.75E-03	8.02E-04	4.54E-03	7.58E-04	4.51E-03	7.51E-04	4.52E-03	7.55E-04	4.51E-03	7.53E-04	3.18E-01	4.60E-02	2.42E+00	4.26E-01
2112 Gridded	5.13E-03	7.89E-04	5.11E-03	7.86E-04	5.52E-03	8.38E-04	5.52E-03	8.38E-04	3.65E-04	4.57E-05	5.11E-03	7.86E-04	6.78E-03	9.95E-04	6.78E-03	9.95E-04	5.13E-03	7.89E-04	5.52E-03	8.38E-04	5.18E-03	7.95E-04	5.12E-03	7.88E-04	5.16E-03	7.92E-04	5.14E-03	7.90E-04	3.62E-01	4.20E-02	2.75E+00	4.87E-01
2113 Gridded	5.19E-03	6.79E-04	5.16E-03	6.77E-04	5.66E-03	7.15E-04	5.66E-03	7.15E-04	4.42E-04	3.67E-05	5.17E-03	6.77E-04	7.18E-03	8.31E-04	7.18E-03	8.31E-04	5.19E-03	6.79E-04	5.66E-03	7.15E-04	5.25E-03	6.84E-04	5.18E-03	6.78E-04	5.22E-03	6.81E-04	5.20E-03	6.80E-04	4.14E-01	5.14E-02	2.78E+00	4.11E-01
2114 Gridded	4.64E-03	7.73E-04	4.62E-03	7.70E-04	4.98E-03	8.24E-04	4.98E-03	8.24E-04	4.17E-04	4.72E-05	4.62E-03	7.71E-04	6.07E-03	9.86E-04	6.07E-03	9.86E-04	4.64E-03	7.74E-04	4.98E-03	8.24E-04	4.68E-03	7.80E-04	4.63E-03	7.72E-04	4.66E-03	7.76E-04	4.64E-03	7.74E-04	4.11E-01	3.98E-02	2.67E+00	4.31E-01
2115 Gridded	4.54E-03	7.97E-04	4.52E-03	7.93E-04	4.78E-03	8.55E-04	4.78E-03	8.55E-04	4.05E-04	5.49E-05	4.52E-03	7.93E-04	5.56E-03	1.04E-03	5.56E-03	1.04E-03	4.54E-03	7.97E-04	4.78E-03	8.55E-04	4.57E-03	8.04E-04	4.53E-03	7.95E-04	4.55E-03	8.00E-04	4.54E-03	7.97E-04	2.81E-01	5.17E-02	2.37E+00	4.80E-01
2116 Gridded	4.34E-03	8.29E-04	4.32E-03	8.26E-04	4.64E-03	8.79E-04	4.64E-03	8.79E-04	3.47E-04	4.72E-05	4.32E-03	8.26E-04	5.63E-03	1.04E-03	5.63E-03	1.04E-03	4.34E-03	8.29E-04	4.64E-03	8.79E-04	4.38E-03	8.35E-04	4.33E-03	8.28E-04	4.36E-03	8.32E-04	4.34E-03	8.30E-04	2.71E-01	5.58E-02	2.29E+00	5.16E-01
2117 Gridded	3.71E-03	8.16E-04	3.70E-03	8.12E-04	3.88E-03	8.72E-04	3.88E-03	8.72E-04	2.51E-04	5.28E-05	3.70E-03	8.13E-04	4.41E-03	1.05E-03	4.41E-03	1.05E-03	3.71E-03	8.16E-04	3.88E-03	8.72E-04	3.73E-03	8.23E-04	3.71E-03	8.15E-04	3.72E-03	8.19E-04	3.71E-03	8.17E-04	3.82E-01	4.97E-02	1.98E+00	4.95E-01
2118 Gridded	5.97E-03	1.04E-03	5.95E-03	1.04E-03	6.25E-03	1.10E-03	6.25E-03	1.10E-03	3.21E-04	5.90E-05	5.96E-03	1.04E-03	7.18E-03	1.31E-03	7.18E-03	1.31E-03	5.97E-03	1.04E-03	6.25E-03	1.10E-03	6.01E-03	1.05E-03	5.97E-03	1.04E-03	5.99E-03	1.04E-03	5.97E-03	1.04E-03	2.74E-01	5.09E-02	3.21E+00	6.16E-01
2119 Gridded	5.14E-03	1.13E-03	5.12E-03	1.13E-03	5.47E-03	1.20E-03	5.47E-03	1.20E-03	3.89E-04	6.91E-05	5.12E-03	1.13E-03	6.55E-03	1.44E-03	6.55E-03	1.44E-03	5.14E-03	1.13E-03	5.47E-03	1.20E-03	5.18E-03	1.14E-03	5.13E-03	1.13E-03	5.16E-03	1.13E-03	5.15E-03	1.13E-03	2.82E-01	5.92E-02	2.85E+00	6.57E-01
2120 Gridded	4.67E-03	8.51E-04	4.63E-03	8.48E-04	5.26E-03	9.00E-04	5.26E-03	9.00E-04	5.59E-04	6.06E-05	4.64E-03	8.48E-04	7.19E-03	1.10E-03	7.19E-03	1.10E-03	4.67E-03	8.51E-04	5.26E-03	9.00E-04	4.74E-03	8.57E-04	4.66E-03	8.50E-04	4.70E-03	8.54E-04	4.68E-03	8.51E-04	2.22E-01	5.05E-02	2.51E+00	5.02E-01
2121 Gridded	3.85E-03	6.75E-04	3.83E-03	6.72E-04	4.17E-03	7.27E-04	4.17E-03	7.27E-04	3.32E-04	4.91E-05	3.83E-03	6.72E-04	5.19E-03	8.97E-04	5.19E-03	8.97E-04	3.85E-03	6.75E-04	4.17E-03	7.27E-04	3.89E-03	6.82E-04	3.84E-03	6.74E-04	3.87E-03	6.78E-04	3.85E-03	6.76E-04	2.07E-01	4.87E-02	2.06E+00	3.73E-01
2122 Gridded	2.89E-03	6.47E-04	2.87E-03	6.45E-04	3.06E-03	6.87E-04	3.06E-03	6.87E-04	2.80E-04	3.88E-05	2.88E-03	6.45E-04	3.82E-03	8.15E-04	3.82E-03	8.15E-04	2.89E-03	6.48E-04	3.06E-03	6.87E-04	2.91E-03	6.52E-04	2.88E-03	6.47E-04	2.90E-03	6.50E-04	2.89E-03	6.48E-04	3.28E-01	4.29E-02	1.61E+00	3.75E-01
2123 Gridded	3.59E-03	6.30E-04	3.57E-03	6.28E-04	3.80E-03	6.70E-04	3.80E-03	6.70E-04	2.24E-04	3.69E-05	3.58E-03	6.28E-04	4.50E-03	7.97E-04	4.50E-03	7.97E-04	3.59E-03	6.31E-04	3.80E-03	6.70E-04	3.61E-03	6.35E-04	3.58E-03	6.30E-04	3.60E-03	6.33E-04	3.59E-03	6.31E-04	4.14E-01	4.24E-02	1.77E+00	3.81E-01
2124 Gridded	3.56E-03	4.70E-04	3.55E-03	4.68E-04	3.75E-03	5.01E-04	3.75E-03	5.01E-04	2.49E-04	3.16E-05	3.55E-03	4.68E-04	4.37E-03	6.00E-04	4.37E-03	6.00E-04	3.56E-03	4.70E-04	3.75E-03	5.01E-04	3.59E-03	4.74E-04	3.56E-03	4.69E-04	3.57E-03	4.72E-04	3.56E-03	4.70E-04	2.39E-01	3.64E-02	1.72E+00	2.98E-01
2125 Gridded	3.51E-03	5.73E-04	3.50E-03	5.70E-04	3.71E-03	6.09E-04	3.71E-03	6.09E-04	2.35E-04	3.47E-05	3.50E-03	5.71E-04	4.39E-03	7.29E-04	4.39E-03	7.29E-04	3.51E-03	5.73E-04	3.71E-03	6.09E-04	3.54E-03	5.77E-04	3.51E-03	5.72E-04	3.52E-03	5.75E-04	3.51E-03	5.73E-04	2.16E-01	3.34E-02	1.88E+00	3.33E-01
2126 Gridded	4.20E-03	7.27E-04	4.19E-03	7.24E-04	4.42E-03	7.77E-04	4.42E-03	7.77E-04	2.86E-04	4.71E-05	4.19E-03	7.24E-04	5.26E-03	9.40E-04	5.26E-03	9.40E-04	4.20E-03	7.27E-04	4.42E-03	7.77E-04	4.23E-03	7.33E-04	4.20E-03	7.26E-04	4.22E-03	7.30E-04	4.20E-03	7.28E-04	2.63E-01	3.41E-02	2.34E+00	4.10E-01
2127 Gridded	5.69E-03	7.83E-04	5.67E-03	7.80E-04	6.00E-03	8.32E-04	6.00E-03	8.32E-04	2.89E-04	4.76E-05	5.67E-03	7.81E-04	6.99E-03	9.90E-04	6.99E-03	9.90E-04	5.69E-03	7.83E-04	6.00E-03	8.32E-04	5.73E-03	7.89E-04	5.68E-03	7.82E-04	5.71E-03	7.86E-04	5.69E-03	7.84E-04	2.62E-01	3.84E-02	2.79E+00	4.64E-01
2128 Gridded	5.77E-03	8.67E-04	5.75E-03	8.64E-04	6.09E-03	9.23E-04	6.09E-03	9.23E-04	3.05E-04	5.26E-05	5.75E-03	8.64E-04	7.15E-03	1.10E-03	7.15E-03	1.10E-03	5.77E-03	8.67E-04	6.09E-03	9.23E-04	5.81E-03	8.74E-04	5.76E-03	8.66E-04	5.79E-03	8.71E-04	5.77E-03	8.68E-04	2.40E-01	4.05E-02	2.71E+00	4.92E-01
2129 Gridded	4.99E-03	9.52E-04	4.97E-03	9.48E-04	5.30E-03	1.01E-03	5.30E-03	1.01E-03	3.07E-04	5.79E-05	4.97E-03	9.49E-04	6.31E-03	1.21E-03	6.31E-03	1.21E-03	4.99E-03	9.52E-04	5.30E-03	1.01E-03	5.03E-03	9.60E-04	4.98E-03	9.51E-04	5.01E-03	9.56E-04	4.99E-03	9.53E-04	2.40E-01	3.53E-02	2.93E+00	5.64E-01
2130 Gridded	4.94E-03	6.75E-04	4.92E-03	6.72E-04	5.24E-03	7.20E-04	5.24E-03	7.20E-04	3.03E-04	4.38E-05	4.92E-03	6.73E-04	6.24E-03	8.64E-04	6.24E-03	8.64E-04	4.94E-03	6.75E-04	5.24E-03	7.20E-04	4.98E-03	6.81E-04	4.93E-03	6.74E-04	4.96E-03	6.78E-04	4.94E-03	6.76E-04	2.75E-01	3.66E-02	2.80E+00	4.19E-01
2131 Gridded	4.53E-03	6.81E-04	4.52E-03	6.78E-04	4.80E-03	7.26E-04	4.80E-03	7.26E-04	3.63E-04	4.20E-05	4.52E-03	6.78E-04	5.68E-03	8.70E-04	5.68E-03	8.70E-04	4.53E-03	6.81E-04	4.80E-03	7.26E-04	4.57E-03	6.86E-04	4.53E-03	6.80E-04	4.55E-03	6.84E-04	4.54E-03	6.81E-04	2.49E-01	4.46E-02	2.70E+00	3.84E-01
2132 Gridded	4.42E-03	6.69E-04	4.41E-03	6.65E-04	4.70E-03	7.17E-04	4.70E-03	7.17E-04	4.20E-04	4.56E-05	4.41E-03	6.66E-04	5.59E-03	8.74E-04	5.59E-03	8.74E-04	4.42E-03	6.69E-04	4.70E-03	7.17E-04	4.46E-03	6.75E-04	4.42E-03	6.68E-04	4.44E-03	6.72E-04	4.43E-03	6.69E-04	2.43E-01	4.16E-02	2.50E+00	3.87E-01
2133 Gridded	4.65E-03	5.03E-04	4.63E-03	5.00E-04	4.93E-03	5.48E-04	4.93E-03	5.48E-04	4.47E-04	4.31E-05	4.64E-03	5.00E-04	5.99E-03	6.97E-04	5.99E-03	6.97E-04	4.65E-03	5.03E-04	4.93E-03	5.48E-04	4.69E-03	5.08E-04	4.64E-03	5.02E-04	4.67E-03	5.05E-04	4.65E-03	5.03E-04	2.63E-01	3.33E-02	2.64E+00	3.05E-01
2134 Gridded	5.80E-03	5.39E-04	5.77E-03	5.37E-04	6.20E-03	5.74E-04	6.20E-03	5.74E-04	5.58E-04	4.20E-05	5.77E-03	5.37E-04	8.11E-03	7.14E-04	8.11E-03	7.14E-04	5.80E-03	5.39E-04	6.20E-03	5.74E-04	5.85E-03	5.43E-04	5.79E-03	5.38E-04	5.82E-03	5.41E-04	5.80E-03	5.39E-04	3.06E-01	3.21E-02	3.31E+00	3.30E-01
2135 Gridded	4.85E-03	5.19E-04	4.83E-03	5.17E-04	5.08E-03	5.56E-04	5.08E-03	5.56E-04	5.17E-04	3.44E-05	4.83E-03	5.17E-04	6.55E-03	6.75E-04	6.55E-03	6.75E-04	4.85E-03	5.20E-04	5.08E-03	5.56E-04	4.88E-03	5.24E-04	4.84E-03	5.19E-04	4.86E-03	5.22E-04	4.85E-03	5.20E-04	4.48E-01	3.23E-02	2.77E+00	3.07E-01
2136 Gridded	5.37E-03	8.14E-04	5.34E-03	8.11E-04	5.86E-03	8.61E-04	5.86E-03	8.61E-04	4.54E-04	4.46E-05	5.35E-03	8.11E-04	7.42E-03	1.02E-03	7.42E-03	1.02E-03	5.37E-03	8.14E-04	5.86E-03	8.61E-04	5.43E-03	8.20E-04	5.36E-03	8.13E-04	5.40E-03	8.17E-04	5.38E-03	8.15E-04	3.67E-01	2.98E-02	3.44E+00	4.65E-01
2137 Gridded	6.50E-03	1.22E-03	6.47E-03	1.22E-03	6.94E-03	1.30E-03	6.94E-03	1.30E-03	4.33E-04	7.04E-05	6.48E-03	1.22E-03	8.38E-03	1.54E-03	8.38E-03	1.54E-03	6.50E-03	1.22E-03	6.94E-03	1.30E-03	6.56E-03	1.23E-03	6.49E-03	1.22E-03	6.53E-03	1.23E-03	6.51E-03	1.22E-03	3.55E-01	5.03E-02	4.13E+00	6.91E-01
2138 Gridded	4.37E-03	8.54E-04	4.35E-03	8.50E-04	4.74E-03	9.23E-04	4.74E-03	9.23E-04	3.86E-04	6.46E-05	4.35E-03	8.50E-04	6.07E-03	1.15E-03	6.07E-03	1.15E-03	4.37E-03	8.54E-04	4.74E-03	9.23E-04	4.41E-03	8.63E-04	4.36E-03	8.53E-04	4.39E-03	8.58E-04	4.37E-03	8.55E-04	3.00E-01	5.11E-02	2.49E+00	4.88E-01
2139 Gridded	2.38E-03	3.63E-04	2.38E-03	3.61E-04	2.41E-03	3.84E-04	2.41E-03	3.84E-04	1.70E-04	2.98E-05	2.38E-03	3.61E-04	2.51E-03	4.53E-04	2.51E-03	4.53E-04	2.38E-03	3.63E-04	2.41E-03	3.84E-04	2.38E-03	3.65E-04	2.38E-03	3.62E-04	2.38E-03	3.64E-04	2.38E-03	3.63E-04	1.58E-01	2.23E-02	1.25E+00	2.17E-01
2140 Gridded	2.37E-03	3.16E-04	2.36E-03	3.15E-04	2.40E-03	3.36E-04	2.40E-03	3.36E-04	1.22E-04	2.25E-05	2.36E-03	3.15E-04	2.49E-03	4.01E-04	2.49E-03	4.01E-04	2.37E-03	3.16E-04	2.40E-03	3.36E-04	2.37E-03	3.19E-04	2.37E-03	3.16E-04	2.37E-03	3.18E-04	2.37E-03	3.17E-04	1.48E-01	1.77E-02	1.25E+00	1.84E-01
2141 Gridded	2.19E-03	3.37E-04	2.19E-03	3.36E-04	2.22E-03	3.58E-04	2.22E-03	3.58E-04	1.19E-04	1.99E-05	2.19E-03	3.36E-04	2.31E-03	4.27E-04	2.31E-03	4.27E-04	2.19E-03	3.37E-04	2.22E-03	3.58E-04	2.19E-03	3.40E-04	2.19E-03	3.37E-04	2.19E-03	3.38E-04	2.19E-03	3.37E-04	1.41E-01	1.97E-02	1.15E+00	1.97E-01
2142 Gridded	2.06E-03	3.44E-04	2.05E-03	3.43E-04	2.19E-03	3.66E-04	2.19E-03	3.66E-04	1.52E-04	2.02E-05	2.05E-03	3.43E-04	2.63E-03	4.36E-04	2.63E-03	4.36E-04	2.06E-03	3.45E-04	2.19E-03	3.66E-04	2.07E-03	3.47E-04	2.05E-03	3.44E-04	2.07E-03	3.46E-04	2.06E-03	3.45E-04	1.73E-01	2.05E-02	1.12E+00	2.03E-01
2143 Gridded	3.72E-03	6.37E-04	3.72E-03	6.35E-04	3.77E-03	6.75E-04	3.77E-03	6.75E-04	2.05E-04	3.60E-05	3.72E-03	6.35E-04	4.01E-03	8.00E-04	4.01E-03	8.00E-04	3.72E-03	6.37E-04	3.77E-03	6.75E-04	3.73E-03	6.42E-04	3.72E-03	6.36E-04	3.72E-03	6.39E-04	3.72E-03	6.38E-04	1.87E-01	3.17E-02	1.93E+00	3.52E-01
2144 Gridded	5.44E-03	8.40E-04	5.44E-03	8.36E-04	5.51E-03	8.94E-04	5.51E-03	8.94E-04	2.92E-04	5.11E-05	5.44E-03	8.37E-04	6.01E-03	1.07E-03	6.01E-03	1.07E-03	5.45E-03	8.40E-04	5.51E-03	8.94E-04	5.45E-03	8.47E-04	5.44E-03	8.39E-04	5.45E-03	8.43E-04	5.45E-03	8.40E-04	2.07E-01	4.09E-02	2.83E+00	4.70E-01
2145 Gridded	6.72E-03	8.11E-04	6.72E-03	8.08E-04	6.72E-03	8.69E-04	6.72E-03	8.69E-04	3.49E-04	5.39E-05	6.72E-03	8.08E-04	6.84E-03	1.05E-03	6.84E-03	1.05E-03	6.72E-03	8.12E-04	6.72E-03	8.69E-04	6.72E-03	8.18E-04	6.72E-03	8.10E-04	6.72E-03	8.15E-04	6.72E-03	8.12E-04	2.33E-01	4.72E-02	3.52E+00	4.61E-01
2146 Gridded	6.64E-03	5.73E-04	6.64E-03	5.71E-04	6.64E-03	6.01E-04	6.64E-03	6.01E-04	3.20E-04	3.66E-05	6.64E-03	5.72E-04	6.93E-03	6.92E-04	6.93E-03	6.92E-04	6.64E-03	5.73E-04	6.64E-03	6.01E-04	6.64E-03	5.77E-04	6.64E-03	5.73E-04	6.64E-03	5.75E-04	6.64E-03	5.73E-04	2.73E-01	5.29E-02	3.48E+00	3.08E-01
2147 Gridded	7.05E-03	1.02E-03	7.02E-03	1.02E-03	7.51E-03	1.09E-03	7.51E-03	1.09E-03	4.32E-04	6.00E-05	7.02E-03	1.02E-03	9.00E-03	1.29E-03	9.00E-03	1.29E-03	7.05E-03	1.02E-03	7.51E-03	1.09E-03	7.10E-03	1.03E-03	7.04E-03	1.02E-03	7.07E-03	1.03E-03	7.05E-03	1.02E-03	3.14E-01	5.64E-02	3.73E+00	5.47E-01
2148 Gridded	5.30E-03	9.65E-04	5.30E-03	9.60E-04	5.48E-03	1.04E-03	5.48E-03	1.04E-03	3.12E-04	7.12E-05	5.30E-03	9.61E-04	6.53E-03	1.29E-03	6.53E-03	1.29E-03	5.30E-03	9.65E-04	5.48E-03	1.04E-03	5.30E-03	9.75E-04	5.30E-03	9.63E-04	5.30E-03	9.70E-04	5.30E-03	9.66E-04	2.35E-01	5.39E-02	2.81E+00	5.17E-01
2149 Gridded	6.37E-03	1.08E-03	6.37E-03	1.07E-03	6.37E-03	1.09E-03	6.37E-03	1.09E-03	3.21E-04	5.75E-05	6.37E-03	1.07E-03	6.44E-03	1.15E-03	6.44E-03	1.15E-03	6.37E-03	1.08E-03	6.37E-03	1.09E-03	6.37E-03	1.08E-03	6.37E-03	1.08E-03	6.37E-03	1.08E-03	6.37E-03	1.08E-03	2.64E-01	4.61E-02	3.37E+00	5.76E-01
2150 Gridded	6.76E-03	8.93E-04	6.76E-03	8.92E-04	6.76E-03	9.04E-04	6.76E-03	9.04E-04	2.94E-04	6.26E-05	6.76E-03	8.92E-04	6.79E-03	1.09E-03	6.79E-03	1.09E-03	6.76E-03	8.93E-04	6.76E-03	9.04E-04	6.76E-03	8.94E-04	6.76E-03	8.92E-04	6.76E-03	8.93E-04	6.76E-03	8.93E-04	2.76E-01	4.86E-02	3.60E+00	5.35E-01
2151 Gridded	6.35E-03	1.01E-03	6.34E-03	1.01E-03	6.54E-03	1.06E-03	6.54E-03	1.06E-03	2.89E-04	5.32E-05	6.34E-03	1.01E-03	7.13E-03	1.21E-03	7.13E-03	1.21E-03	6.35E-03	1.01E-03	6.54E-03	1.06E-03	6.38E-03	1.02E-03	6.35E-03	1.01E-03	6.36E-03	1.02E-03	6.36E-03	1.01E-03	2.39E-01	6.74E-02	3.38E+00	5.49E-01
2152 Gridded	5.10E-03	1.14E-03	5.07E-03	1.14E-03	5.42E-03	1.22E-03	5.42E-03	1.22E-03	3.84E-04	7.27E-05	5.08E-03	1.14E-03	6.49E-03	1.47E-03	6.49E-03	1.47E-03	5.10E-03	1.14E-03	5.42E-03	1.22E-03	5.14E-03	1.15E-03	5.09E-03	1.14E-03	5.11E-03	1.15E-03	5.10E-03	1.14E-03	2.61E-01	7.96E-02	2.72E+00	6.18E-01
2153 Gridded	4.81E-03	1.03E-03	4.81E-03	1.03E-03	5.06E-03	1.10E-03	5.06E-03	1.10E-03	5.54E-04	7.01E-05	4.81E-03	1.03E-03	6.13E-03	1.33E-03	6.13E-03	1.33E-03	4.81E-03	1.03E-03	5.06E-03	1.10E-03	4.81E-03	1.04E-03	4.81E-03	1.03E-03	4.81E-03	1.03E-03	4.81E-03	1.03E-03	3.49E-01	8.13E-02	2.74E+00	5.76E-01
2154 Gridded	8.49E-03	1.35E-03	8.48E-03	1.35E-03	8.52E-03	1.44E-03	8.52E-03	1.44E-03	4.14E-04	8.34E-05	8.49E-03	1.35E-03	8.65E-03	1.73E-03	8.65E-03	1.73E-03	8.49E-03	1.35E-03	8.52E-03	1.44E-03	8.49E-03	1.37E-03	8.49E-03	1.35E-03	8.49E-03	1.36E-03	8.49E-03	1.36E-03	3.94E-01	5.56E-02	4.52E+00	7.64E-01
2155 Gridded	7.33E-03	1.05E-03	7.32E-03	1.05E-03	7.51E-03	1.12E-03	7.51E-03	1.12E-03	3.87E-04	5.87E-05	7.32E-03	1.05E-03	8.10E-03	1.32E-03	8.10E-03	1.32E-03	7.33E-03	1.05E-03	7.51E-03	1.12E-03	7.35E-03	1.06E-03	7.32E-03	1.05E-03	7.34E-03	1.06E-03	7.33E-03	1.05E-03	2.58E-01	4.57E-02	3.91E+00	6.43E-01
2156 Gridded	5.78E-03	1.08E-03	5.76E-03	1.08E-03	6.07E-03	1.14E-03	6.07E-03	1.14E-03	2.70E-04	5.50E-05	5.77E-03	1.08E-03	7.00E-03	1.33E-03	7.00E-03	1.33E-03	5.78E-03	1.08E-03	6.07E-03	1.14E-03	5.82E-03	1.09E-03	5.78E-03	1.08E-03	5.80E-03	1.08E-03	5.79E-03	1.08E-03	2.99E-01	6.78E-02	3.42E+00	6.02E-01
2157 Gridded	4.49E-03	7.74E-04	4.49E-03	7.71E-04	4.53E-03	8.28E-04	4.53E-03	8.28E-04	2.15E-04	5.95E-05	4.49E-03	7.72E-04	4.64E-03	1.00E-03	4.64E-03	1.00E-03	4.49E-03	7.75E-04	4.53E-03	8.28E-04	4.50E-03	7.81E-04	4.49E-03	7.73E-04	4.49E-03	7.78E-04	4.49E-03	7.75E-04	2.48E-01	6.01E-02	2.78E+00	4.71E-01
2158 Gridded	2.57E-03	6.65E-04	2.56E-03	6.63E-04	2.70E-03	7.04E-04	2.70E-03	7.04E-04	1.53E-04	3.59E-05	2.56E-03	6.63E-04	3.15E-03	8.27E-04	3.15E-03	8.27E-04	2.57E-03	6.65E-04	2.70E-03	7.04E-04	2.58E-03	6.70E-04	2.56E-03	6.65E-04	2.57E-03	6.68E-04	2.57E-03	6.66E-04	2.25E-01	4.57E-02	1.42E+00	4.23E-01
2159 Gridded	3.76E-03	6.09E-04	3.74E-03	6.07E-04	4.05E-03	6.39E-04	4.05E-03	6.39E-04	2.78E-04	3.51E-05	3.74E-03	6.08E-04	4.99E-03	7.37E-04	4.99E-03	7.37E-04	3.76E-03	6.09E-04	4.05E-03	6.39E-04	3.80E-03	6.13E-04	3.75E-03	6.09E-04	3.78E-03	6.11E-04	3.76E-03	6.10E-04	2.40E-01	4.40E-02	2.01E+00	3.70E-01
2160 Gridded	4.37E-03	6.53E-04	4.35E-03	6.50E-04	4.68E-03	7.00E-04	4.68E-03	7.00E-04	2.94E-04	4.37E-05	4.35E-03	6.51E-04	5.69E-03	8.50E-04	5.69E-03	8.50E-04	4.37E-03	6.53E-04	4.68E-03	7.00E-04	4.41E-03	6.59E-04	4.36E-03	6.52E-04	4.39E-03	6.56E-04	4.37E-03	6.54E-04	2.64E-01	4.85E-02	2.34E+00	4.06E-01
2161 Gridded	3.72E-03	5.18E-04	3.71E-03	5.15E-04	3.94E-03	5.55E-04	3.94E-03	5.55E-04	2.13E-04	3.46E-05	3.71E-03	5.16E-04	4.67E-03	6.74E-04	4.67E-03	6.74E-04	3.72E-03	5.18E-04	3.94E-03	5.55E-04	3.75E-03	5.22E-04	3.72E-03	5.17E-04	3.74E-03	5.20E-04	3.73E-03	5.18E-04	2.19E-01	3.91E-02	2.00E+00	3.30E-01
2162 Gridded	4.72E-03	6.93E-04	4.72E-03	6.90E-04	4.83E-03	7.36E-04	4.83E-03	7.36E-04	2.70E-04	4.37E-05	4.72E-03	6.90E-04	5.17E-03	8.84E-04	5.17E-03	8.84E-04	4.72E-03	6.93E-04	4.83E-03	7.36E-04	4.74E-03	6.98E-04	4.72E-03	6.92E-04	4.73E-03	6.95E-04	4.72E-03	6.93E-04	3.00E-01	3.72E-02	2.53E+00	4.22E-01
2163 Gridded	4.67E-03	7.16E-04	4.66E-03	7.13E-04	4.93E-03	7.57E-04	4.93E-03	7.57E-04	4.66E-04	3.92E-05	4.67E-03	7.14E-04	6.02E-03	8.92E-04	6.02E-03	8.92E-04	4.67E-03	7.16E-04	4.93E-03	7.57E-04	4.69E-03	7.21E-04	4.67E-03	7.15E-04	4.68E-03	7.18E-04	4.68E-03	7.16E-04	3.47E-01	4.02E-02	2.67E+00	4.40E-01
2164 Gridded	3.61E-03	5.79E-04	3.60E-03	5.77E-04	3.75E-03	6.16E-04	3.75E-03	6.16E-04	4.28E-04	3.43E-05	3.61E-03	5.77E-04	4.71E-03	7.34E-04	4.71E-03	7.34E-04	3.61E-03	5.79E-04	3.75E-03	6.16E-04	3.63E-03	5.84E-04	3.61E-03	5.78E-04	3.62E-03	5.81E-04	3.61E-03	5.80E-04	4.06E-01	4.64E-02	2.11E+00	3.45E-01
2165 Gridded	4.92E-03	7.26E-04	4.90E-03	7.23E-04	5.21E-03	7.73E-04	5.21E-03	7.73E-04	3.27E-04	4.44E-05	4.90E-03	7.23E-04	6.14E-03	9.26E-04	6.14E-03	9.26E-04	4.92E-03	7.26E-04	5.21E-03	7.73E-04	4.96E-03	7.32E-04	4.91E-03	7.25E-04	4.94E-03	7.29E-04	4.92E-03	7.26E-04	3.12E-01	3.07E-02	2.83E+00	4.04E-01
2166 Gridded	4.35E-03	8.27E-04	4.34E-03	8.23E-04	4.59E-03	8.85E-04	4.59E-03	8.85E-04	3.94E-04	5.44E-05	4.34E-03	8.24E-04	5.34E-03	1.07E-03	5.34E-03	1.07E-03	4.35E-03	8.27E-04	4.59E-03	8.85E-04	4.38E-03	8.34E-04	4.35E-03	8.26E-04	4.37E-03	8.30E-04	4.36E-03	8.28E-04	2.74E-01	5.62E-02	2.25E+00	4.98E-01
2167 Gridded	3.91E-03	7.59E-04	3.89E-03	7.56E-04	4.19E-03	8.04E-04	4.19E-03	8.04E-04	3.69E-04	4.28E-05	3.89E-03	7.56E-04	5.12E-03	9.52E-04	5.12E-03	9.52E-04	3.91E-03	7.59E-04	4.19E-03	8.04E-04	3.94E-03	7.64E-04	3.90E-03	7.58E-04	3.92E-03	7.61E-04	3.91E-03	7.59E-04	2.50E-01	5.54E-02	2.14E+00	4.72E-01
2168 Gridded	4.22E-03	7.81E-04	4.21E-03	7.77E-04	4.42E-03	8.34E-04	4.42E-03	8.34E-04	2.55E-04	4.99E-05	4.21E-03	7.78E-04	5.04E-03	1.01E-03	5.04E-03	1.01E-03	4.22E-03	7.81E-04	4.42E-03	8.34E-04	4.25E-03	7.87E-04	4.22E-03	7.80E-04	4.23E-03	7.84E-04	4.23E-03	7.81E-04	3.47E-01	4.52E-02	2.25E+00	4.72E-01

Scenario 2 Results

2169 Gridded	5.67E-03	9.06E-04	5.65E-03	9.02E-04	5.96E-03	9.61E-04	5.96E-03	9.61E-04	2.73E-04	5.18E-05	5.65E-03	9.03E-04	6.90E-03	1.14E-03	6.90E-03	1.14E-03	5.67E-03	9.06E-04	5.96E-03	9.61E-04	5.70E-03	9.13E-04	5.66E-03	9.05E-04	5.68E-03	9.09E-04	5.67E-03	9.07E-04	2.10E-01	4.45E-02	3.05E+00	5.36E-01
2170 Gridded	4.29E-03	9.59E-04	4.27E-03	9.54E-04	4.58E-03	1.02E-03	4.58E-03	1.02E-03	2.79E-04	5.94E-05	4.27E-03	9.55E-04	5.54E-03	1.23E-03	5.54E-03	1.23E-03	4.29E-03	9.59E-04	4.58E-03	1.02E-03	4.32E-03	9.66E-04	4.28E-03	9.57E-04	4.31E-03	9.62E-04	4.29E-03	9.59E-04	2.19E-01	4.35E-02	2.39E+00	5.57E-01
2171 Gridded	4.00E-03	9.34E-04	3.99E-03	9.29E-04	4.33E-03	1.01E-03	4.33E-03	1.01E-03	4.26E-04	6.79E-05	3.99E-03	9.30E-04	5.80E-03	1.24E-03	5.80E-03	1.24E-03	4.00E-03	9.34E-04	4.33E-03	1.01E-03	4.01E-03	9.43E-04	4.00E-03	9.32E-04	4.01E-03	9.38E-04	4.00E-03	9.35E-04	2.24E-01	5.16E-02	2.26E+00	5.26E-01
2172 Gridded	5.85E-03	8.51E-04	5.80E-03	8.47E-04	6.50E-03	9.15E-04	6.50E-03	9.15E-04	6.10E-04	6.03E-05	5.81E-03	8.47E-04	8.60E-03	1.12E-03	8.60E-03	1.12E-03	5.85E-03	8.51E-04	6.50E-03	9.15E-04	5.93E-03	8.59E-04	5.83E-03	8.50E-04	5.89E-03	8.55E-04	5.85E-03	8.52E-04	2.48E-01	4.99E-02	3.15E+00	4.64E-01
2173 Gridded	5.62E-03	6.80E-04	5.59E-03	6.77E-04	6.15E-03	7.22E-04	6.15E-03	7.22E-04	4.97E-04	4.60E-05	5.59E-03	6.78E-04	7.86E-03	8.80E-04	7.86E-03	8.80E-04	5.62E-03	6.80E-04	6.15E-03	7.22E-04	5.69E-03	6.85E-04	5.61E-03	6.79E-04	5.65E-03	6.83E-04	5.63E-03	6.81E-04	3.82E-01	5.45E-02	3.03E+00	4.06E-01
2174 Gridded	3.52E-03	7.15E-04	3.51E-03	7.12E-04	3.73E-03	7.58E-04	3.73E-03	7.58E-04	1.95E-04	4.05E-05	3.51E-03	7.12E-04	4.40E-03	8.97E-04	4.40E-03	8.97E-04	3.52E-03	7.15E-04	3.73E-03	7.58E-04	3.55E-03	7.20E-04	3.52E-03	7.14E-04	3.53E-03	7.17E-04	3.52E-03	7.15E-04	3.99E-01	4.04E-02	2.18E+00	4.17E-01
2175 Gridded	3.62E-03	5.48E-04	3.60E-03	5.46E-04	3.81E-03	5.85E-04	3.81E-03	5.85E-04	2.19E-04	3.42E-05	3.60E-03	5.46E-04	4.45E-03	7.02E-04	4.45E-03	7.02E-04	3.62E-03	5.48E-04	3.81E-03	5.85E-04	3.64E-03	5.53E-04	3.61E-03	5.47E-04	3.63E-03	5.50E-04	3.62E-03	5.49E-04	3.68E-01	3.80E-02	1.95E+00	3.36E-01
2176 Gridded	3.49E-03	5.86E-04	3.47E-03	5.84E-04	3.76E-03	6.25E-04	3.76E-03	6.25E-04	2.77E-04	3.65E-05	3.47E-03	5.84E-04	4.66E-03	7.51E-04	4.66E-03	7.51E-04	3.49E-03	5.86E-04	3.76E-03	6.25E-04	3.52E-03	5.91E-04	3.48E-03	5.85E-04	3.50E-03	5.88E-04	3.49E-03	5.87E-04	2.13E-01	3.50E-02	1.94E+00	3.27E-01
2177 Gridded	4.12E-03	6.45E-04	4.10E-03	6.42E-04	4.40E-03	6.86E-04	4.40E-03	6.86E-04	2.86E-04	3.89E-05	4.10E-03	6.43E-04	5.33E-03	8.21E-04	5.33E-03	8.21E-04	4.12E-03	6.45E-04	4.40E-03	6.86E-04	4.15E-03	6.50E-04	4.11E-03	6.44E-04	4.14E-03	6.48E-04	4.12E-03	6.46E-04	2.59E-01	3.40E-02	2.29E+00	3.66E-01
2178 Gridded	5.00E-03	8.28E-04	4.98E-03	8.25E-04	5.27E-03	8.81E-04	5.27E-03	8.81E-04	2.84E-04	5.14E-05	4.98E-03	8.26E-04	6.15E-03	1.05E-03	6.15E-03	1.05E-03	5.00E-03	8.29E-04	5.27E-03	8.81E-04	5.03E-03	8.35E-04	4.99E-03	8.27E-04	5.01E-03	8.32E-04	5.00E-03	8.29E-04	2.63E-01	3.23E-02	2.43E+00	4.74E-01
2179 Gridded	5.86E-03	7.19E-04	5.84E-03	7.16E-04	6.19E-03	7.63E-04	6.19E-03	7.63E-04	3.09E-04	4.13E-05	5.84E-03	7.17E-04	7.25E-03	9.06E-04	7.25E-03	9.06E-04	5.86E-03	7.19E-04	6.19E-03	7.63E-04	5.90E-03	7.25E-04	5.85E-03	7.18E-04	5.88E-03	7.22E-04	5.86E-03	7.20E-04	2.63E-01	3.79E-02	2.60E+00	4.32E-01
2180 Gridded	5.29E-03	9.66E-04	5.27E-03	9.62E-04	5.60E-03	1.03E-03	5.60E-03	1.03E-03	2.97E-04	5.71E-05	5.28E-03	9.63E-04	6.61E-03	1.22E-03	6.61E-03	1.22E-03	5.29E-03	9.66E-04	5.60E-03	1.03E-03	5.33E-03	9.74E-04	5.29E-03	9.65E-04	5.31E-03	9.70E-04	5.30E-03	9.67E-04	2.18E-01	3.81E-02	2.83E+00	5.52E-01
2181 Gridded	4.51E-03	9.10E-04	4.49E-03	9.06E-04	4.79E-03	9.68E-04	4.79E-03	9.68E-04	2.99E-04	5.48E-05	4.50E-03	9.06E-04	5.67E-03	1.16E-03	5.67E-03	1.16E-03	4.51E-03	9.10E-04	4.79E-03	9.68E-04	4.55E-03	9.17E-04	4.51E-03	9.08E-04	4.53E-03	9.13E-04	4.52E-03	9.10E-04	2.35E-01	3.31E-02	2.68E+00	5.40E-01
2182 Gridded	4.94E-03	6.43E-04	4.92E-03	6.40E-04	5.24E-03	6.85E-04	5.24E-03	6.85E-04	2.94E-04	4.32E-05	4.93E-03	6.40E-04	6.20E-03	8.33E-04	6.20E-03	8.33E-04	4.94E-03	6.43E-04	5.24E-03	6.85E-04	4.98E-03	6.48E-04	4.94E-03	6.42E-04	4.96E-03	6.45E-04	4.95E-03	6.43E-04	2.79E-01	3.61E-02	2.82E+00	3.95E-01
2183 Gridded	4.50E-03	7.30E-04	4.48E-03	7.27E-04	4.78E-03	7.76E-04	4.78E-03	7.76E-04	3.68E-04	4.34E-05	4.48E-03	7.27E-04	5.71E-03	9.26E-04	5.71E-03	9.26E-04	4.50E-03	7.30E-04	4.78E-03	7.76E-04	4.53E-03	7.36E-04	4.49E-03	7.29E-04	4.51E-03	7.33E-04	4.50E-03	7.31E-04	2.43E-01	4.38E-02	2.57E+00	4.09E-01
2184 Gridded	4.01E-03	7.00E-04	4.00E-03	6.97E-04	4.26E-03	7.50E-04	4.26E-03	7.50E-04	4.21E-04	4.70E-05	4.00E-03	6.97E-04	5.19E-03	9.12E-04	5.19E-03	9.12E-04	4.01E-03	7.00E-04	4.26E-03	7.50E-04	4.04E-03	7.06E-04	4.01E-03	6.99E-04	4.03E-03	7.03E-04	4.01E-03	7.01E-04	2.37E-01	4.00E-02	2.26E+00	4.03E-01
2185 Gridded	4.04E-03	4.62E-04	4.03E-03	4.59E-04	4.28E-03	4.99E-04	4.28E-03	4.99E-04	3.81E-04	3.72E-05	4.03E-03	4.59E-04	5.04E-03	6.19E-04	5.04E-03	6.19E-04	4.04E-03	4.62E-04	4.28E-03	4.99E-04	4.07E-03	4.66E-04	4.04E-03	4.61E-04	4.06E-03	4.64E-04	4.05E-03	4.62E-04	2.19E-01	2.85E-02	2.30E+00	2.80E-01
2186 Gridded	4.55E-03	4.62E-04	4.53E-03	4.60E-04	4.78E-03	4.92E-04	4.78E-03	4.92E-04	4.05E-04	3.61E-05	4.54E-03	4.60E-04	5.82E-03	5.92E-04	5.82E-03	5.92E-04	4.55E-03	4.62E-04	4.78E-03	4.92E-04	4.58E-03	4.65E-04	4.54E-03	4.61E-04	4.56E-03	4.63E-04	4.55E-03	4.62E-04	2.52E-01	2.74E-02	2.59E+00	2.71E-01
2187 Gridded	4.69E-03	4.51E-04	4.66E-03	4.49E-04	5.08E-03	4.83E-04	5.08E-03	4.83E-04	4.02E-04	3.35E-05	4.66E-03	4.49E-04	6.35E-03	5.85E-04	6.35E-03	5.85E-04	4.69E-03	4.51E-04	5.08E-03	4.83E-04	4.73E-03	4.55E-04	4.68E-03	4.50E-04	4.71E-03	4.53E-04	4.69E-03	4.52E-04	4.09E-01	3.08E-02	2.64E+00	2.68E-01
2188 Gridded	5.94E-03	7.93E-04	5.90E-03	7.90E-04	6.56E-03	8.39E-04	6.56E-03	8.39E-04	5.76E-04	4.34E-05	5.91E-03	7.91E-04	8.54E-03	9.89E-04	8.54E-03	9.89E-04	5.95E-03	7.93E-04	6.56E-03	8.39E-04	6.02E-03	7.99E-04	5.93E-03	7.92E-04	5.98E-03	7.96E-04	5.95E-03	7.94E-04	4.78E-01	3.23E-02	3.83E+00	4.55E-01
2189 Gridded	6.58E-03	1.09E-03	6.55E-03	1.09E-03	7.10E-03	1.15E-03	7.10E-03	1.15E-03	4.86E-04	5.64E-05	6.55E-03	1.09E-03	8.78E-03	1.35E-03	8.78E-03	1.35E-03	6.58E-03	1.09E-03	7.10E-03	1.15E-03	6.65E-03	1.10E-03	6.57E-03	1.09E-03	6.61E-03	1.10E-03	6.59E-03	1.09E-03	3.65E-01	4.12E-02	4.20E+00	6.18E-01
2190 Gridded	3.71E-03	7.21E-04	3.69E-03	7.18E-04	4.00E-03	7.70E-04	4.00E-03	7.70E-04	2.74E-04	4.59E-05	3.70E-03	7.18E-04	4.95E-03	9.28E-04	4.95E-03	9.28E-04	3.71E-03	7.21E-04	4.00E-03	7.70E-04	3.75E-03	7.27E-04	3.71E-03	7.20E-04	3.73E-03	7.24E-04	3.72E-03	7.22E-04	2.57E-01	3.82E-02	2.17E+00	4.10E-01
2191 Gridded	2.35E-03	4.03E-04	2.35E-03	4.01E-04	2.38E-03	4.38E-04	2.38E-03	4.38E-04	1.92E-04	3.31E-05	2.35E-03	4.01E-04	2.77E-03	5.52E-04	2.77E-03	5.52E-04	2.35E-03	4.03E-04	2.38E-03	4.38E-04	2.36E-03	4.07E-04	2.35E-03	4.02E-04	2.35E-03	4.05E-04	2.35E-03	4.03E-04	1.80E-01	2.40E-02	1.24E+00	2.34E-01
2192 Gridded	2.22E-03	3.10E-04	2.21E-03	3.08E-04	2.24E-03	3.42E-04	2.24E-03	3.42E-04	1.80E-04	3.01E-05	2.21E-03	3.08E-04	2.34E-03	4.46E-04	2.34E-03	4.46E-04	2.22E-03	3.10E-04	2.24E-03	3.42E-04	2.22E-03	3.14E-04	2.21E-03	3.09E-04	2.22E-03	3.12E-04	2.22E-03	3.11E-04	1.60E-01	1.72E-02	1.17E+00	1.83E-01
2193 Gridded	1.95E-03	3.07E-04	1.95E-03	3.06E-04	1.97E-03	3.27E-04	1.97E-03	3.27E-04	1.39E-04	2.57E-05	1.95E-03	3.06E-04	2.36E-03	3.89E-04	2.36E-03	3.89E-04	1.95E-03	3.08E-04	1.97E-03	3.27E-04	1.95E-03	3.10E-04	1.95E-03	3.07E-04	1.95E-03	3.09E-04	1.95E-03	3.08E-04	1.62E-01	1.94E-02	1.03E+00	1.79E-01
2194 Gridded	4.86E-03	7.08E-04	4.85E-03	7.05E-04	4.92E-03	7.56E-04	4.92E-03	7.56E-04	2.66E-04	4.51E-05	4.85E-03	7.05E-04	5.38E-03	9.11E-04	5.38E-03	9.11E-04	4.86E-03	7.08E-04	4.92E-03	7.56E-04	4.87E-03	7.14E-04	4.86E-03	7.07E-04	4.86E-03	7.11E-04	4.86E-03	7.08E-04	1.95E-01	3.84E-02	2.52E+00	3.99E-01
2195 Gridded	5.54E-03	5.58E-04	5.54E-03	5.55E-04	5.54E-03	5.99E-04	5.54E-03	5.99E-04	2.63E-04	3.89E-05	5.54E-03	5.56E-04	5.54E-03	7.33E-04	5.54E-03	7.33E-04	5.54E-03	5.58E-04	5.54E-03	5.99E-04	5.54E-03	5.63E-04	5.54E-03	5.57E-04	5.54E-03	5.61E-04	5.54E-03	5.59E-04	2.01E-01	4.23E-02	2.89E+00	3.24E-01
2196 Gridded	5.34E-03	6.19E-04	5.32E-03	6.16E-04	5.68E-03	6.50E-04	5.68E-03	6.50E-04	3.17E-04	3.08E-05	5.33E-03	6.17E-04	6.78E-03	7.53E-04	6.78E-03	7.53E-04	5.34E-03	6.19E-04	5.68E-03	6.50E-04	5.39E-03	6.22E-04	5.34E-03	6.18E-04	5.36E-03	6.20E-04	5.35E-03	6.19E-04	2.71E-01	4.95E-02	2.82E+00	3.31E-01
2197 Gridded	5.46E-03	8.87E-04	5.44E-03	8.83E-04	5.83E-03	9.46E-04	5.83E-03	9.46E-04	3.47E-04	5.55E-05	5.44E-03	8.84E-04	7.03E-03	1.14E-03	7.03E-03	1.14E-03	5.46E-03	8.87E-04	5.83E-03	9.46E-04	5.51E-03	8.94E-04	5.46E-03	8.86E-04	5.49E-03	8.90E-04	5.47E-03	8.87E-04	2.63E-01	5.02E-02	2.89E+00	4.74E-01
2198 Gridded	6.51E-03	1.02E-03	6.51E-03	1.01E-03	6.51E-03	1.07E-03	6.51E-03	1.07E-03	3.46E-04	7.48E-05	6.51E-03	1.02E-03	7.51E-03	1.33E-03	7.51E-03	1.33E-03	6.51E-03	1.02E-03	6.51E-03	1.07E-03	6.51E-03	1.02E-03	6.51E-03	1.02E-03	6.51E-03	1.02E-03	6.51E-03	1.02E-03	2.15E-01	4.78E-02	3.46E+00	5.41E-01
2199 Gridded	6.92E-03	1.16E-03	6.92E-03	1.15E-03	6.92E-03	1.17E-03	6.92E-03	1.17E-03	3.22E-04	6.18E-05	6.92E-03	1.16E-03	6.92E-03	1.23E-03	6.92E-03	1.23E-03	6.92E-03	1.16E-03	6.92E-03	1.17E-03	6.92E-03	1.16E-03	6.92E-03	1.16E-03	6.92E-03	1.16E-03	6.92E-03	1.16E-03	2.64E-01	4.11E-02	3.67E+00	6.19E-01
2200 Gridded	6.17E-03	7.60E-04	6.17E-03	7.59E-04	6.18E-03	7.69E-04	6.18E-03	7.69E-04	2.70E-04	5.57E-05	6.17E-03	7.59E-04	6.23E-03	9.57E-04	6.23E-03	9.57E-04	6.17E-03	7.60E-04	6.18E-03	7.69E-04	6.17E-03	7.61E-04	6.17E-03	7.60E-04	6.17E-03	7.60E-04	6.17E-03	7.60E-04	2.56E-01	4.56E-02	3.27E+00	4.73E-01
2201 Gridded	5.32E-03	8.86E-04	5.31E-03	8.83E-04	5.47E-03	9.26E-04	5.47E-03	9.26E-04	2.47E-04	4.54E-05	5.31E-03	8.83E-04	5.97E-03	1.06E-03	5.97E-03	1.06E-03	5.32E-03	8.86E-04	5.47E-03	9.26E-04	5.34E-03	8.91E-04	5.31E-03	8.85E-04	5.33E-03	8.88E-04	5.32E-03	8.86E-04	2.03E-01	5.99E-02	2.83E+00	4.80E-01
2202 Gridded	5.20E-03	1.14E-03	5.18E-03	1.14E-03	5.53E-03	1.22E-03	5.53E-03	1.22E-03	3.77E-04	7.08E-05	5.18E-03	1.14E-03	6.59E-03	1.46E-03	6.59E-03	1.46E-03	5.20E-03	1.15E-03	5.53E-03	1.22E-03	5.24E-03	1.15E-03	5.19E-03	1.14E-03	5.22E-03	1.15E-03	5.21E-03	1.15E-03	2.38E-01	7.55E-02	2.77E+00	6.18E-01
2203 Gridded	3.56E-03	8.31E-04	3.55E-03	8.27E-04	3.81E-03	8.88E-04	3.81E-03	8.88E-04	4.28E-04	5.78E-05	3.55E-03	8.28E-04	4.62E-03	1.07E-03	4.62E-03	1.07E-03	3.56E-03	8.31E-04	3.81E-03	8.88E-04	3.59E-03	8.38E-04	3.55E-03	8.29E-04	3.57E-03	8.34E-04	3.56E-03	8.31E-04	2.91E-01	6.70E-02	2.03E+00	4.66E-01
2204 Gridded	6.91E-03	1.15E-03	6.91E-03	1.14E-03	6.94E-03	1.23E-03	6.94E-03	1.23E-03	3.57E-04	7.11E-05	6.91E-03	1.15E-03	7.02E-03	1.47E-03	7.02E-03	1.47E-03	6.91E-03	1.15E-03	6.94E-03	1.23E-03	6.92E-03	1.16E-03	6.91E-03	1.15E-03	6.91E-03	1.15E-03	6.91E-03	1.15E-03	3.23E-01	5.12E-02	3.68E+00	6.47E-01
2205 Gridded	1.01E-02	1.20E-03	1.01E-02	1.19E-03	1.03E-02	1.27E-03	1.03E-02	1.27E-03	4.56E-04	6.81E-05	1.01E-02	1.19E-03	1.09E-02	1.50E-03	1.09E-02	1.50E-03	1.01E-02	1.20E-03	1.03E-02	1.27E-03	1.01E-02	1.21E-03	1.01E-02	1.20E-03	1.01E-02	1.20E-03	1.01E-02	1.20E-03	3.20E-01	4.24E-02	5.37E+00	7.04E-01
2206 Gridded	6.59E-03	1.25E-03	6.56E-03	1.25E-03	7.09E-03	1.31E-03	7.09E-03	1.31E-03	4.63E-04	5.56E-05	6.57E-03	1.25E-03	8.68E-03	1.50E-03	8.68E-03	1.50E-03	6.60E-03	1.25E-03	7.09E-03	1.31E-03	6.66E-03	1.26E-03	6.58E-03	1.25E-03	6.62E-03	1.26E-03	6.60E-03	1.25E-03	3.29E-01	6.72E-02	3.88E+00	6.93E-01
2207 Gridded	7.15E-03	1.08E-03	7.14E-03	1.07E-03	7.25E-03	1.16E-03	7.25E-03	1.16E-03	3.09E-04	7.57E-05	7.14E-03	1.08E-03	7.59E-03	1.42E-03	7.59E-03	1.42E-03	7.15E-03	1.08E-03	7.25E-03	1.16E-03	7.16E-03	1.09E-03	7.15E-03	1.08E-03	7.15E-03	1.08E-03	7.15E-03	1.08E-03	2.73E-01	6.97E-02	4.20E+00	5.99E-01
2208 Gridded	3.22E-03	7.92E-04	3.21E-03	7.89E-04	3.40E-03	8.41E-04	3.40E-03	8.41E-04	2.20E-04	4.58E-05	3.21E-03	7.89E-04	3.99E-03	9.99E-04	3.99E-03	9.99E-04	3.22E-03	7.92E-04	3.40E-03	8.41E-04	3.25E-03	7.98E-04	3.22E-03	7.91E-04	3.23E-03	7.95E-04	3.23E-03	7.93E-04	2.33E-01	5.66E-02	1.72E+00	4.89E-01
2209 Gridded	2.73E-03	4.93E-04	2.72E-03	4.92E-04	2.91E-03	5.21E-04	2.91E-03	5.21E-04	1.80E-04	2.60E-05	2.72E-03	4.92E-04	3.48E-03	6.11E-04	3.48E-03	6.11E-04	2.73E-03	4.94E-04	2.91E-03	5.21E-04	2.75E-03	4.97E-04	2.73E-03	4.93E-04	2.74E-03	4.95E-04	2.73E-03	4.94E-04	2.12E-01	3.47E-02	1.46E+00	3.27E-01
2210 Gridded	4.40E-03	5.75E-04	4.39E-03	5.73E-04	4.59E-03	6.17E-04	4.59E-03	6.17E-04	2.63E-04	3.89E-05	4.39E-03	5.73E-04	5.20E-03	7.51E-04	5.20E-03	7.51E-04	4.40E-03	5.76E-04	4.59E-03	6.17E-04	4.43E-03	5.81E-04	4.40E-03	5.74E-04	4.41E-03	5.78E-04	4.41E-03	5.76E-04	2.30E-01	4.92E-02	2.36E+00	3.55E-01
2211 Gridded	4.08E-03	5.69E-04	4.07E-03	5.66E-04	4.24E-03	6.08E-04	4.24E-03	6.08E-04	3.00E-04	3.68E-05	4.07E-03	5.66E-04	4.74E-03	7.34E-04	4.74E-03	7.34E-04	4.08E-03	5.69E-04	4.24E-03	6.08E-04	4.10E-03	5.73E-04	4.08E-03	5.68E-04	4.09E-03	5.71E-04	4.08E-03	5.69E-04	2.09E-01	3.61E-02	2.33E+00	3.60E-01
2212 Gridded	3.48E-03	5.68E-04	3.46E-03	5.65E-04	3.68E-03	6.05E-04	3.68E-03	6.05E-04	2.05E-04	3.49E-05	3.47E-03	5.66E-04	4.33E-03	7.25E-04	4.33E-03	7.25E-04	3.48E-03	5.68E-04	3.68E-03	6.05E-04	3.50E-03	5.72E-04	3.47E-03	5.67E-04	3.49E-03	5.70E-04	3.48E-03	5.68E-04	2.27E-01	3.45E-02	1.86E+00	3.16E-01
2213 Gridded	5.01E-03	6.59E-04	4.99E-03	6.56E-04	5.26E-03	7.01E-04	5.26E-03	7.01E-04	2.75E-04	4.00E-05	5.00E-03	6.56E-04	6.08E-03	8.39E-04	6.08E-03	8.39E-04	5.01E-03	6.59E-04	5.26E-03	7.01E-04	5.04E-03	6.64E-04	5.00E-03	6.58E-04	5.02E-03	6.61E-04	5.01E-03	6.59E-04	3.17E-01	3.66E-02	2.68E+00	4.06E-01
2214 Gridded	5.14E-03	6.23E-04	5.12E-03	6.21E-04	5.40E-03	6.58E-04	5.40E-03	6.58E-04	3.73E-04	3.23E-05	5.13E-03	6.22E-04	6.23E-03	7.69E-04	6.23E-03	7.69E-04	5.14E-03	6.24E-04	5.40E-03	6.58E-04	5.17E-03	6.28E-04	5.13E-03	6.23E-04	5.16E-03	6.25E-04	5.14E-03	6.24E-04	3.72E-01	3.75E-02	2.75E+00	3.81E-01
2215 Gridded	2.69E-03	5.35E-04	2.68E-03	5.33E-04	2.93E-03	5.67E-04	2.93E-03	5.67E-04	2.93E-04	3.03E-05	2.68E-03	5.33E-04	3.71E-03	6.72E-04	3.71E-03	6.72E-04	2.70E-03	5.35E-04	2.93E-03	5.67E-04	2.72E-03	5.39E-04	2.69E-03	5.34E-04	2.71E-03	5.37E-04	2.70E-03	5.35E-04	3.09E-01	3.76E-02	1.54E+00	3.18E-01
2216 Gridded	3.51E-03	5.54E-04	3.50E-03	5.52E-04	3.69E-03	5.91E-04	3.69E-03	5.91E-04	2.12E-04	3.51E-05	3.50E-03	5.52E-04	4.25E-03	7.11E-04	4.25E-03	7.11E-04	3.51E-03	5.54E-04	3.69E-03	5.91E-04	3.54E-03	5.59E-04	3.51E-03	5.53E-04	3.52E-03	5.56E-04	3.52E-03	5.54E-04	2.10E-01	2.68E-02	2.07E+00	3.11E-01
2217 Gridded	4.13E-03	7.91E-04	4.12E-03	7.87E-04	4.36E-03	8.44E-04	4.36E-03	8.44E-04	2.89E-04	5.02E-05	4.12E-03	7.88E-04	5.09E-03	1.02E-03	5.09E-03	1.02E-03	4.13E-03	7.91E-04	4.36E-03	8.44E-04	4.16E-03	7.98E-04	4.13E-03	7.90E-04	4.14E-03	7.94E-04	4.13E-03	7.92E-04	2.50E-01	5.19E-02	2.15E+00	4.77E-01
2218 Gridded	4.18E-03	7.09E-04	4.17E-03	7.06E-04	4.45E-03	7.51E-04	4.45E-03	7.51E-04	3.93E-04	3.98E-05	4.17E-03	7.06E-04	5.30E-03	8.88E-04	5.30E-03	8.88E-04	4.18E-03	7.09E-04	4.45E-03	7.51E-04	4.22E-03	7.14E-04	4.18E-03	7.08E-04	4.20E-03	7.11E-04	4.19E-03	7.09E-04	2.85E-01	6.02E-02	2.50E+00	4.42E-01
2219 Gridded	4.30E-03	8.17E-04	4.29E-03	8.13E-04	4.52E-03	8.72E-04	4.52E-03	8.72E-04	2.92E-04	5.16E-05	4.29E-03	8.14E-04	5.21E-03	1.05E-03	5.21E-03	1.05E-03	4.30E-03	8.17E-04	4.52E-03	8.72E-04	4.33E-03	8.24E-04	4.30E-03	8.16E-04	4.32E-03	8.20E-04	4.31E-03	8.18E-04	3.68E-01	4.89E-02	2.30E+00	4.91E-01
2220 Gridded	4.77E-03	8.25E-04	4.75E-03	8.22E-04	5.04E-03	8.75E-04	5.04E-03	8.75E-04	2.57E-04	4.73E-05	4.75E-03	8.22E-04	5.93E-03	1.04E-03	5.93E-03	1.04E-03	4.77E-03	8.25E-04	5.04E-03	8.75E-04	4.80E-03	8.31E-04	4.76E-03	8.24E-04	4.79E-03	8.28E-04	4.77E-03	8.26E-04	1.89E-01	4.09E-02	2.59E+00	4.87E-01
2221 Gridded	3.22E-03	8.07E-04	3.21E-03	8.04E-04	3.33E-03	8.61E-04	3.33E-03	8.61E-04	2.22E-04	5.04E-05	3.22E-03	8.04E-04	4.08E-03	1.03E-03	4.08E-03	1.03E-03	3.22E-03	8.08E-04	3.33E-03	8.61E-04	3.23E-03	8.14E-04	3.22E-03	8.06E-04	3.23E-03	8.11E-04	3.22E-03	8.08E-04	1.63E-01	3.07E-02	1.75E+00	4.69E-01
2222 Gridded	4.35E-03	8.44E-04	4.35E-03	8.40E-04	4.46E-03	9.08E-04	4.46E-03	9.08E-04	2.37E-04	6.06E-05	4.35E-03	8.40E-04	4.81E-03	1.12E-03	4.81E-03	1.12E-03	4.35E-03	8.44E-04	4.46E-03	9.08E-04	4.37E-03	8.52E-04	4.35E-03	8.43E-04	4.36E-03	8.48E-04	4.35E-03	8.45E-04	2.00E-01	4.61E-02	2.31E+00	4.91E-01
2223 Gridded	7.85E-03	7.76E-04	7.79E-03	7.72E-04	8.70E-03	8.36E-04	8.70E-03	8.36E-04	8.04E-04	5.62E-05	7.80E-03	7.73E-04	1.15E-02	1.03E-03	1.15E-02	1.03E-03	7.85E-03	7.76E-04	8.70E-03	8.36E-04	7.95E-03	7.83E-04	7.83E-03	7.75E-04	7.90E-03	7.79E-04	7.86E-03	7.77E-04	2.78E-01	4.87E-02	4.21E+00	4.31E-01
2224 Gridded	6.89E-03	8.75E-04	6.86E-03	8.71E-04	7.44E-03	9.35E-04	7.44E-03	9.35E-04	5.11E-04	5.66E-05	6.86E-03	8.71E-04	9.20E-03	1.13E-03	9.20E-03	1.13E-03	6.89E-03	8.75E-04	7.44E-03	9.35E-04	6.96E-03	8.82E-04	6.88E-03	8.73E-04	6.92E-03	8.78E-04	6.90E-03	8.75E-04	3.42E-01	5.96E-02	3.69E+00	4.69E-01
2225 Gridded	3.20E-03	7.38E-04	3.19E-03	7.35E-04	3.43E-03	7.82E-04	3.43E-03	7.82E-04	2.65E-04	4.11E-05	3.19E-03	7.35E-04	4.18E-03	9.23E-04	4.18E-03	9.23E-04	3.20E-03	7.38E-04	3.43E-03	7.82E-04	3.23E-03	7.43E-04	3.20E-03	7.37E-04	3.22E-03	7.40E-04	3.20E-03	7.38E-04	3.98E-01	4.17E-02	2.25E+00	4.25E-01
2226 Gridded	4.54E-03	6.12E-04	4.53E-03	6.10E-04	4.72E-03	6.50E-04	4.72E-03	6.50E-04	2.94E-04	3.66E-05	4.53E-03	6.10E-04	5.29E-03	7.74E-04	5.29E-03	7.74E-04	4.54E-03	6.12E-04	4.72E-03	6.50E-04	4.56E-03	6.17E-04	4.54E-03	6.11E-04	4.55E-03	6.15E-04	4.54E-03	6.13E-04	4.30E-01	3.96E-02	2.51E+00	3.82E-01
2227 Gridded	3.70E-03	5.32E-04	3.68E-03	5.30E-04	3.97E-03	5.65E-04	3.97E-03	5.65E-04	2.59E-04	3.48E-05	3.68E-03	5.30E-04	4.87E-03	6.79E-04	4.87E-03	6.79E-04	3.70E-03	5.32E-04	3.97E-03	5.65E-04	3.73E-03	5.36E-04	3.69E-03	5.31E-04	3.72E-03	5.34E-04	3.70E-03	5.32E-04	2.55E-01	3.56E-02	2.10E+00	3.18E-01
2228 Gridded	4.17E-03	6.11E-04	4.15E-03	6.08E-04	4.43E-03	6.51E-04	4.43E-03	6.51E-04	2.58E-04	3.76E-05	4.15E-03	6.09E-04	5.29E-03	7.81E-04	5.29E-03	7.81E-04	4.17E-03	6.11E-04	4.43E-03	6.51E-04	4.20E-03	6.16E-04	4.16E-03	6.10E-04	4.18E-03	6.13E-04	4.17E-03	6.11E-04	2.10E-01	3.33E-02	2.39E+00	3.53E-01
2229 Gridded	4.07E-03	7.30E-04	4.05E-03	7.26E-04	4.35E-03	7.77E-04	4.35E-03	7.77E-04	2.65E-04	4.47E-05	4.05E-03	7.27E-04	5.26E-03	9.31E-04	5.26E-03	9.31E-04	4.07E-03	7.30E-04	4.35E-03	7.77E-04	4.10E-03	7.35E-04	4.06E-03	7.29E-04	4.08E-03	7.32E-04	4.07E-03	7.30E-04	2.72E-01	3.37E-02	2.32E+00	4.10E-01
2230 Gridded	5.28E-03	8.51E-04	5.26E-03	8.48E-04	5.58E-03	9.04E-04	5.58E-03	9.04E-04	2.81E-04	4.95E-05	5.26E-03	8.48E-04	6.55E-03	1.07E-03	6.55E-03	1.07E-03	5.28E-03	8.51E-04	5.58E-03	9.04E-04	5.32E-03	8.58E-04	5.27E-03	8.50E-04	5.30E-03	8.54E-04	5.28E-03	8.52E-04	2.36E-01	3.07E-02	2.50E+00	4.92E-01
2231 Gridded	5.43E-03	7.42E-04	5.41E-03	7.39E-04	5.75E-03	7.87E-04	5.75E-03	7.87E-04	2.99E-04	4.25E-05	5.41E-03	7.40E-04	6.78E-03	9.34E-04	6.78E-03	9.34E-04	5.43E-03	7.42E-04	5.75E-03	7.87E-04	5.47E-03	7.48E-04	5.42E-03	7.41E-04	5.45E-03	7.45E-04	5.44E-03	7.43E-04	2.43E-01	3.62E-02	2.30E+00	4.15E-01
2232 Gridded	4.93E-03	9.78E-04	4.91E-03	9.74E-04	5.23E-03	1.04E-03	5.23E-03	1.04E-03	2.87E-04	5.73E-05	4.91E-03	9.75E-04	6.22E-03	1.24E-03	6.22E-03	1.24E-03	4.93E-03	9.78E-04	5.23E-03	1.04E-03	4.96E-03	9.86E-04	4.92E-03	9.77E-04	4.94E-03	9.82E-04	4.93E-03	9.79E-04	2.05E-01	3.52E-02	2.84E+00	5.63E-01
2233 Gridded	4.49E-03	8.69E-04	4.47E-03	8.65E-04	4.83E-03	9.24E-04	4.83E-03	9.24E-04	3.24E-04	5.20E-05	4.47E-03	8.66E-04	5.95E-03	1.10E-03	5.95E-03	1.10E-03	4.49E-03	8.69E-04	4.83E-03	9.24E-04	4.53E-03	8.76E-04	4.48E-03	8.68E-04	4.51E-03	8.72E-04	4.49E-03	8.69E-04	2.42E-01	3.15E-02	2.43E+00	5.17E-01
2234 Gridded	4.98E-03	6.58E-04	4.96E-03	6.55E-04	5.27E-03	7.05E-04	5.27E-03	7.05E-04	2.99E-04	4.41E-05	4.96E-03	6.55E-04	6.21E-03	8.57E-04	6.21E-03	8.57E-04	4.98E-03	6.58E-04	5.27E-03	7.05E-04	5.01E-03	6.64E-04	4.97E-03	6.57E-04	4.99E-03	6.60E-04	4.98E-03	6.58E-04	2.75E-01	3.63E-02	2.86E+00	3.86E-01
2235 Gridded	4.37E-03	6.77E-04	4.35E-03	6.74E-04	4.64E-03	7.20E-04	4.64E-03	7.20E-04	2.93E-04	4.02E-05	4.35E-03	6.75E-04	5.51E-03	8.59E-04	5.51E-03	8.59E-04	4.37E-03	6.77E-04	4.64E-03	7.20E-04	4.40E-03	6.83E-04	4.36E-03	6.76E-04	4.39E-03	6.80E-04	4.37E-03	6.78E-04	2.19E-01	4.03E-02	2.48E+00	3.79E-01
2236 Gridded	3.61E-03	6.59E-04	3.60E-03	6.56E-04	3.82E-03	7.06E-04	3.82E-03	7.06E-04	3.57E-04	4.41E-05	3.60E-03	6.57E-04	4.51E-03	8.58E-04	4.51E-03	8.58E-04	3.61E-03	6.59E-04	3.82E-03	7.06E-04	3.64E-03	6.65E-04	3.61E-03	6.58E-04	3.62E-03	6.62E-04	3.61E-03	6.60E-04	2.25E-01	3.65E-02	2.08E+00	3.78E-01
2237 Gridded	3.67E-03	5.11E-04	3.66E-03	5.08E-04	3.95E-03	5.51E-04	3.95E-03	5.51E-04	4.05E-04	3.88E-05	3.66E-03	5.08E-04	4.85E-03	6.82E-04	4.85E-03	6.82E-04	3.67E-03	5.11E-04	3.95E-03	5.51E-04	3.71E-03	5.16E-04	3.67E-03	5.10E-04	3.69E-03	5.13E-04	3.68E-03	5.11E-04	2.30E-01	2.82E-02	2.25E+00	3.05E-01
2238 Gridded	6.34E-03	5.99E-04	6.32E-03	5.96E-04	6.93E-03	6.50E-04	6.93E-03	6.50E-04	5.76E-04	4.76E-05	6.32E-03	5.96E-04	8.92E-03	8.14E-04	8.92E-03	8.14E-04	6.34E-03	5.99E-04	6.93E-03	6.50E-04	6.40E-03	6.05E-04	6.33E-03	5.98E-04	6.36E-03	6.02E-04	6.35E-03	6.00E-04	3.18E-01	3.22E-02	3.80E+00	3.65E-01
2239 Gridded	6.06E-03	5.02E-04	6.03E-03	5.00E-04	6.51E-03	5.36E-04	6.51E-03	5.36E-04	4.82E-04	4.05E-05	6.03E-03	5.00E-04	7.97E-03	6.75E-04	7.97E-03	6.75E-04	6.06E-03	5.02E-04	6.51E-03	5.36E-04	6.11E-03	5.06E-04	6.05E-03	5.01E-04	6.08E-03	5.04E-04	6.06E-03	5.02E-04	4.39E-01	3.41E-02	3.33E+00	3.14E-01
2240 Gridded	4.30E-03	4.35E-04	4.28E-03	4.33E-04	4.55E-03	4.64E-04	4.55E-03	4.64E-04	4.17E-04	2.75E-05	4.29E-03	4.33E-04	5.34E-03	5.59E-04	5.34E-03	5.59E-04	4.30E-03	4.35E-04	4.55E-03	4.64E-04	4.33E-03	4.38E-04	4.30E-03	4.34E-04	4.32E-03	4.36E-04	4.30E-03	4.35E-04	4.18E-01	2.81E-02	2.30E+00	2.55E-01
2241 Gridded	4.82E-03	7.26E-04	4.79E-03	7.24E-04	5.17E-03	7.67E-04	5.17E-03	7.67E-04	4.38E-04	3.79E-05	4.80E-03	7.24E-04	6.67E-03	8.97E-04	6.67E-03	8.97E-04	4.82E-03	7.27E-04	5.17E-03	7.67E-04	4.86E-03	7.31E-04	4.81E-03	7.26E-04	4.84E-03	7.29E-04	4.82E-03	7.27E-04	3.27E-01	3.04E-02	3.08E+00	4.15E-01
2242 Gridded	2.89E-03	5.49E-04	2.88E-03	5.47E-04	3.09E-03	5.82E-04	3.09E-03	5.82E-04	2.26E-04	3.11E-05	2.88E-03	5.47E-04	3.74E-03	6.89E-04	3.74E-03	6.89E-04	2.89E-03	5.49E-04	3.09E-03	5.82E-04	2.92E-03	5.53E-04	2.89E-03	5.48E-04	2.90E-03	5.51E-04	2.89E-03	5.50E-04	2.39E-01	2.90E-02	1.82E+00	3.14E-01
2243 Gridded	2.52E-03	4.92E-04	2.51E-03	4.90E-04	2.70E-03	5.27E-04	2.70E-03	5.27E-04	1.99E-04	3.28E-05	2.51E-03	4.90E-04	3.34E-03	6.40E-04	3.34E-03	6.40E-04	2.52E-03	4.92E-04	2.70E-03	5.27E-04	2.55E-03	4.96E-04	2.52E-03	4.91E-04	2.53E-03	4.94E-04	2.53E-03	4.92E-04	2.07E-01	2.56E-02	1.37E+00	2.82E-01
2244 Gridded	2.08E-03	4.14E-04	2.06E-03	4.11E-04	2.29E-03	4.49E-04	2.29E-03	4.49E-04	2.01E-04	3.38E-05	2.06E-03	4.12E-04	2.98E-03	5.66E-04	2.98E-03	5.66E-04	2.08E-03	4.14E-04	2.29E-03	4.49E-04	2.10E-03	4.18E-04	2.07E-03	4.13E-04	2.09E-03	4.16E-04	2.08E-03	4.14E-04	1.89E-01	1.89E-02	1.14E+00	2.40E-01
2245 Gridded	5.58E-03	4.61E-04	5.58E-03	4.61E-04	5.58E-03	4.96E-04	5.58E-03	4.96E-04	2.37E-04	3.31E-05	5.58E-03	4.61E-04	5.58E-03	6.10E-04	5.58E-03	6.10E-04	5.58E-03	4.61E-04	5.58E-03	4.96E-04	5.58E-03	4.65E-04	5.58E-03	4.61E-04	5.58E-03	4.63E-04	5.58E-03	4.61E-04	2.17E-01	4.10E-02	2.91E+00	2.69E-01
2246 Gridded	5.53E-03	7.03E-04	5.50E-03	7.01E-04	5.88E-03	7.41E-04	5.88E-03	7.41E-04	3.31E-04	3.52E-05	5.51E-03	7.01E-04	7.02E-03	8.62E-04	7.02E-03	8.62E-04	5.53E-03	7.03E-04	5.88E-03	7.41E-04	5.57E-03	7.08E-04	5.52E-03	7.02E-04	5.55E-03	7.05E-04	5.53E-03	7.04E-04	2.60E-01	4.66E-02	2.92E+00	3.76E-01
2247 Gridded	4.67E-03	8.41E-04	4.65E-03	8.37E-04	4.99E-03	9.00E-04	4.99E-03	9.00E-04	3.02E-04	5.53E-05	4.65E-03	8.38E-04	6.03E-03	1.09E-03	6.03E-03	1.09E-03	4.67E-03	8.41E-04	4.99E-03	9.00E-04	4.71E-03	8.49E-04	4.66E-03	8.40E-04	4.69E-03	8.45E-04	4.67E-03	8.42E-04	2.15E-01	4.50E-02	2.47E+00	4.49E-01
2248 Gridded	5.40E-03	8.69E-04	5.40E-03	8.68E-04	5.40E-03	8.85E-04	5.40E-03	8.85E-04	2.85E-04	5.79E-05	5.40E-03	8.68E-04	6.05E-03	9.76E-04	6.05E-03	9.76E-04	5.40E-03	8.69E-04	5.40E-03	8.85E-04	5.40E-03	8.71E-04	5.40E-03	8.68E-04	5.40E-03	8.70E-04	5.40E-03	8.69E-04	2.04E-01	4.22E-02	2.87E+00	4.63E-01
2249 Gridded	6.82E-03	1.12E-03	6.82E-03	1.12E-03	6.82E-03	1.13E-03	6.82E-03	1.13E-03	3.01E-04	6.16E-05	6.82E-03	1.12E-03	6.82E-03	1.20E-03	6.82E-03	1.20E-03	6.82E-03	1.12E-03	6.82E-03	1.13E-03	6.82E-03	1.12E-03	6.82E-03	1.12E-03	6.82E-03	1.12E-03	6.82E-03	1.12E-03	2.55E-01	3.71E-02	3.62E+00	5.99E-01
2250 Gridded	6.06E-03	6.93E-04	6.06E-03	6.92E-04	6.08E-03	7.06E-04	6.08E-03	7.06E-04	2.63E-04	5.26E-05	6.06E-03	6.92E-04	6.13E-03	8.88E-04	6.13E-03	8.88E-04	6.06E-03	6.93E-04	6.08E-03	7.06E-04	6.06E-03	6.94E-04	6.06E-03	6.93E-04	6.06E-03	6.94E-04	6.06E-03	6.93E-04	2.43E-01	4.41E-02	3.20E+00	4.41E-01
2251 Gridded	5.02E-03	8.52E-04	5.01E-03	8.50E-04	5.16E-03	8.91E-04	5.16E-03	8.91E-04	2.34E-04	4.29E-05	5.01E-03	8.50E-04	5.62E-03	1.02E-03	5.62E-03	1.02E-03	5.02E-03	8.52E-04	5.16E-03	8.91E-04	5.04E-03	8.57E-04	5.02E-03	8.51E-04	5.03E-03	8.55E-04	5.02E-03	8.53E-04	1.85E-01	5.64E-02	2.67E+00	4.61E-01
2252 Gridded	5.89E-03	1.26E-03	5.86E-03	1.25E-03	6.24E-03	1.34E-03	6.24E-03	1.34E-03	4.06E-04	7.50E-05	5.87E-03	1.25E-03	7.40E-03	1.60E-03	7.40E-03	1.60E-03	5.89E-03	1.26E-03	6.24E-03	1.34E-03	5.93E-03	1.27E-03	5.88E-03	1.26E-03	5.91E-03	1.26E-03	5.89E-03	1.26E-03	2.25E-01	7.55E-02	3.13E+00	6.78E-01
2253 Gridded	4.40E-03	8.90E-04	4.38E-03	8.86E-04	4.70E-03	9.63E-04	4.70E-03	9.63E-04	5.05E-04	6.86E-05	4.38E-03	8.86E-04	5.66E-03	1.20E-03	5.66E-03	1.20E-03	4.40E-03	8.91E-04	4.70E-03	9.63E-04	4.44E-03	9.00E-04	4.39E-03	8.89E-04	4.42E-03	8.95E-04	4.40E-03	8.91E-04	2.92E-01	7.10E-02	2.50E+00	4.91E-01
2254 Gridded	5.77E-03	9.88E-04	5.77E-03	9.84E-04	5.79E-03	1.05E-03	5.79E-03	1.05E-03	3.06E-04	6.11E-05	5.77E-03	9.84E-04	5.85E-03	1.26E-03	5.85E-03	1.26E-03	5.77E-03	9.88E-04	5.79E-03	1.05E-03	5.77E-03	9.96E-04	5.77E-03	9.86E-04	5.77E-03	9.92E-04	5.77E-03	9.89E-04	2.66E-01	4.67E-02	3.07E+00	5.56E-01
2255 Gridded	8.71E-03	1.08E-03	8.70E-03	1.08E-03	8.83E-03	1.15E-03	8.83E-03	1.15E-03	3.42E-04	6.24E-05	8.70E-03	1.08E-03	9.22E-03	1.36E-03	9.22E-03	1.36E-03	8.71E-03	1.08E-03	8.83E-03	1.15E-03	8.72E-03	1.09E-03	8.71E-03	1.08E-03	8.72E-03	1.08E-03	8.71E-03	1.08E-03	2.99E-01	3.72E-02	4.63E+00	6.25E-01
2256 Gridded	5.22E-03	1.04E-03	5.18E-03	1.04E-03	5.76E-03	1.09E-03	5.76E-03	1.09E-03	5.16E-04	5.27E-05	5.19E-03	1.04E-03	7.54E-03	1.24E-03	7.54E-03	1.24E-03	5.22E-03	1.04E-03	5.76E-03	1.09E-03	5.28E-03	1.05E-03	5.20E-03	1.04E-03	5.25E-03	1.05E-03	5.22E-03	1.04E-03	2.78E-01	5.57E-02	3.13E+00	5.79E-01
2257 Gridded	7.76E-03	1.20E-03	7.75E-03	1.19E-03	7.96E-03	1.27E-03	7.96E-03	1.27E-03	2.94E-04	7.13E-05	7.75E-03	1.19E-03	8.59E-03	1.52E-03	8.59E-03	1.52E-03	7.76E-03	1.20E-03	7.96E-03	1.27E-03	7.79E-03	1.20E-03	7.76E-03	1.19E-03	7.77E-03	1.20E-03	7.76E-03	1.20E-03	2.48E-01	6.69E-02	4.51E+00	6.59E-01
2258 Gridded	3.39E-03	8.09E-04	3.38E-03	8.06E-04	3.57E-03	8.62E-04	3.57E-03	8.62E-04	2.62E-04	5.46E-05	3.38E-03	8.06E-04	4.23E-03	1.03E-03	4.23E-03	1.03E-03	3.39E-03	8.09E-04	3.57E-03	8.62E-04	3.39E-03	8.16E-04	3.39E-03	8.08E-04	3.39E-03	8.12E-04	3.39E-03	8.10E-04	2.46E-01	6.02E-02	2.25E+00	4.89E-01
2259 Gridded	2.93E-03	5.95E-04	2.92E-03	5.93E-04	3.11E-03	6.29E-04	3.11E-03	6.29E-04	1.70E-04	3.17E-05	2.92E-03	5.93E-04	3.70E-03	7.38E-04	3.70E-03	7.38E-04	2.93E-03	5.95E-04	3.11E-03	6.29E-04	2.95E-03	6.00E-04	2.92E-03	5.95E-04	2.94E-03	5.97E-04	2.93E-03	5.96E-04	2.21E-01	3.97E-02	1.57E+00	3.77E-01
2260 Gridded	2.71E-03	4.50E-04	2.71E-03	4.49E-04	2.79E-03	4.73E-04	2.79E-03	4.73E-04	2.10E-04	2.97E-05	2.71E-03	4.49E-04	3.22E-03	5.71E-04	3.22E-03	5.71E-04	2.71E-03	4.50E-04	2.79E-03	4.73E-04	2.72E-03	4.53E-04	2.71E-03	4.50E-04	2.72E-03	4.51E-04	2.71E-03	4.50E-04	1.84E-01	3.22E-02	1.45E+00	2.75E-01
2261 Gridded	2.51E-03	5.20E-04	2.50E-03	5.18E-04	2.74E-03	5.57E-04	2.74E-03	5.57E-04	2.10E-04	3.46E-05	2.50E-03	5.18E-04	3.46E-03	6.76E-04	3.46E-03	6.76E-04	2.52E-03	5.21E-04	2.74E-03	5.57E-04	2.54E-03	5.25E-04	2.51E-03	5.20E-04	2.53E-03	5.23E-04	2.52E-03	5.21E-04	1.72E-01	3.34E-02	1.44E+00	3.23E-01
2262 Gridded	3.10E-03	4.27E-04	3.09E-03	4.25E-04	3.28E-03	4.56E-04	3.28E-03	4.56E-04	1.74E-04	2.68E-05	3.09E-03	4.26E-04	3.88E-03	5.47E-04	3.88E-03	5.47E-04	3.10E-03	4.27E-04	3.28E-03	4.56E-04	3.12E-03	4.31E-04	3.09E-03	4.27E-04	3.11E-03	4.29E-04	3.10E-03	4.28E-04	1.54E-01	3.13E-02	1.64E+00	2.80E-01
2263 Gridded	3.02E-03	4.89E-04	3.01E-03	4.87E-04	3.19E-03	5.20E-04	3.19E-03	5.20E-04	1.62E-04	3.05E-05	3.01E-03	4.87E-04	3.75E-03	6.21E-04	3.75E-03	6.21E-04	3.02E-03	4.89E-04	3.19E-03	5.20E-04	3.04E-03	4.93E-04	3.02E-03	4.88E-04	3.03E-03	4.91E-04	3.02E-03	4.89E-04	1.62E-01	2.69E-02	1.60E+00	2.90E-01

Scenario 2 Results

2264	Gridded	2.77E-03	5.63E-04	2.77E-03	5.60E-04	2.91E-03	5.97E-04	2.91E-03	5.97E-04	2.68E-04	3.26E-05	2.77E-03	5.61E-04	3.72E-03	7.09E-04	3.72E-03	7.09E-04	2.77E-03	5.63E-04	2.91E-03	5.97E-04	2.77E-03	5.67E-04	2.77E-03	5.62E-04	2.77E-03	5.65E-04	2.77E-03	5.63E-04	2.33E-01	2.99E-02	1.57E+00	3.46E-01
2265	Gridded	3.69E-03	5.17E-04	3.67E-03	5.15E-04	4.00E-03	5.44E-04	4.00E-03	5.44E-04	2.91E-04	2.63E-05	3.67E-03	5.15E-04	5.00E-03	6.34E-04	5.00E-03	6.34E-04	3.69E-03	5.17E-04	4.00E-03	5.44E-04	3.73E-03	5.20E-04	3.68E-03	5.16E-04	3.71E-03	5.18E-04	3.69E-03	5.17E-04	3.03E-01	3.63E-02	1.98E+00	3.14E-01
2266	Gridded	2.92E-03	5.03E-04	2.90E-03	5.01E-04	3.16E-03	5.32E-04	3.16E-03	5.32E-04	2.82E-04	2.89E-05	2.90E-03	5.01E-04	3.94E-03	6.26E-04	3.94E-03	6.26E-04	2.92E-03	5.03E-04	3.16E-03	5.32E-04	2.95E-03	5.06E-04	2.91E-03	5.02E-04	2.93E-03	5.04E-04	2.92E-03	5.03E-04	2.72E-01	3.31E-02	1.69E+00	2.98E-01
2267	Gridded	3.08E-03	4.98E-04	3.07E-03	4.96E-04	3.23E-03	5.36E-04	3.23E-03	5.36E-04	2.54E-04	3.54E-05	3.07E-03	4.96E-04	3.73E-03	6.58E-04	3.73E-03	6.58E-04	3.08E-03	4.98E-04	3.23E-03	5.36E-04	3.10E-03	5.03E-04	3.07E-03	4.97E-04	3.09E-03	5.00E-04	3.08E-03	4.99E-04	1.99E-01	2.65E-02	1.55E+00	2.96E-01
2268	Gridded	3.90E-03	7.32E-04	3.88E-03	7.29E-04	4.12E-03	7.80E-04	4.12E-03	7.80E-04	2.63E-04	4.54E-05	3.89E-03	7.29E-04	4.83E-03	9.37E-04	4.83E-03	9.37E-04	3.90E-03	7.32E-04	4.12E-03	7.80E-04	3.93E-03	7.38E-04	3.89E-03	7.31E-04	3.91E-03	7.35E-04	3.90E-03	7.32E-04	2.34E-01	4.56E-02	2.04E+00	4.43E-01
2269	Gridded	3.31E-03	6.15E-04	3.30E-03	6.13E-04	3.51E-03	6.52E-04	3.51E-03	6.52E-04	3.02E-04	3.45E-05	3.30E-03	6.13E-04	4.27E-03	7.71E-04	4.27E-03	7.71E-04	3.31E-03	6.15E-04	3.51E-03	6.52E-04	3.34E-03	6.20E-04	3.31E-03	6.14E-04	3.32E-03	6.17E-04	3.32E-03	6.16E-04	2.64E-01	4.82E-02	2.03E+00	3.83E-01
2270	Gridded	3.48E-03	7.49E-04	3.47E-03	7.46E-04	3.68E-03	7.99E-04	3.68E-03	7.99E-04	1.90E-04	4.68E-05	3.47E-03	7.46E-04	4.32E-03	9.60E-04	4.32E-03	9.60E-04	3.48E-03	7.49E-04	3.68E-03	7.99E-04	3.50E-03	7.55E-04	3.47E-03	7.48E-04	3.49E-03	7.52E-04	3.48E-03	7.49E-04	3.15E-01	4.13E-02	1.90E+00	4.50E-01
2271	Gridded	3.25E-03	7.77E-04	3.23E-03	7.74E-04	3.47E-03	8.24E-04	3.47E-03	8.24E-04	2.05E-04	4.45E-05	3.24E-03	7.74E-04	4.17E-03	9.78E-04	4.17E-03	9.78E-04	3.25E-03	7.77E-04	3.47E-03	8.24E-04	3.28E-03	7.83E-04	3.24E-03	7.76E-04	3.26E-03	7.80E-04	3.25E-03	7.77E-04	1.84E-01	3.92E-02	1.81E+00	4.57E-01
2272	Gridded	2.63E-03	7.59E-04	2.62E-03	7.56E-04	2.75E-03	8.09E-04	2.75E-03	8.09E-04	1.64E-04	4.76E-05	2.62E-03	7.56E-04	3.32E-03	9.74E-04	3.32E-03	9.74E-04	2.63E-03	7.59E-04	2.75E-03	8.09E-04	2.64E-03	7.65E-04	2.63E-03	7.58E-04	2.64E-03	7.62E-04	2.63E-03	7.59E-04	1.45E-01	2.82E-02	1.44E+00	4.39E-01
2273	Gridded	4.27E-03	7.78E-04	4.26E-03	7.75E-04	4.38E-03	8.24E-04	4.38E-03	8.24E-04	1.89E-04	5.13E-05	4.26E-03	7.76E-04	4.75E-03	9.72E-04	4.75E-03	9.72E-04	4.27E-03	7.79E-04	4.38E-03	8.24E-04	4.28E-03	7.84E-04	4.26E-03	7.77E-04	4.27E-03	7.81E-04	4.27E-03	7.79E-04	1.73E-01	4.00E-02	2.26E+00	4.59E-01
2274	Gridded	6.92E-03	6.52E-04	6.87E-03	6.50E-04	7.66E-03	6.86E-04	7.66E-03	6.86E-04	7.01E-04	4.35E-05	6.88E-03	6.50E-04	1.01E-02	8.20E-04	1.01E-02	8.20E-04	6.92E-03	6.52E-04	7.66E-03	6.86E-04	7.01E-03	6.56E-04	6.90E-03	6.51E-04	6.96E-03	6.54E-04	6.93E-03	6.52E-04	2.46E-01	4.40E-02	3.70E+00	4.11E-01
2275	Gridded	6.06E-03	8.62E-04	6.03E-03	8.58E-04	6.50E-03	9.19E-04	6.50E-03	9.19E-04	4.15E-04	5.50E-05	6.04E-03	8.59E-04	7.93E-03	1.11E-03	7.93E-03	1.11E-03	6.06E-03	8.62E-04	6.50E-03	9.19E-04	6.12E-03	8.69E-04	6.05E-03	8.61E-04	6.09E-03	8.66E-04	6.07E-03	8.63E-04	2.41E-01	5.48E-02	3.24E+00	4.79E-01
2276	Gridded	4.16E-03	6.98E-04	4.15E-03	6.95E-04	4.43E-03	7.39E-04	4.43E-03	7.39E-04	3.95E-04	3.93E-05	4.15E-03	6.96E-04	5.35E-03	8.73E-04	5.35E-03	8.73E-04	4.17E-03	6.98E-04	4.43E-03	7.39E-04	4.20E-03	7.03E-04	4.16E-03	6.97E-04	4.18E-03	7.00E-04	4.17E-03	6.98E-04	3.87E-01	4.27E-02	2.21E+00	3.98E-01
2277	Gridded	4.70E-03	6.67E-04	4.68E-03	6.64E-04	5.01E-03	7.07E-04	5.01E-03	7.07E-04	2.91E-04	3.94E-05	4.68E-03	6.65E-04	6.01E-03	8.38E-04	6.01E-03	8.38E-04	4.70E-03	6.67E-04	5.01E-03	7.07E-04	4.74E-03	6.72E-04	4.69E-03	6.66E-04	4.72E-03	6.70E-04	4.70E-03	6.68E-04	4.41E-01	3.83E-02	2.52E+00	4.02E-01
2278	Gridded	3.98E-03	6.03E-04	3.96E-03	6.00E-04	4.24E-03	6.42E-04	4.24E-03	6.42E-04	2.43E-04	3.67E-05	3.97E-03	6.01E-04	5.08E-03	7.68E-04	5.08E-03	7.68E-04	3.98E-03	6.03E-04	4.24E-03	6.42E-04	4.01E-03	6.08E-04	3.97E-03	6.02E-04	4.00E-03	6.05E-04	3.98E-03	6.03E-04	3.74E-01	3.71E-02	2.22E+00	3.59E-01
2279	Gridded	4.17E-03	5.67E-04	4.17E-03	5.65E-04	4.17E-03	6.02E-04	4.17E-03	6.02E-04	2.80E-04	3.51E-05	4.17E-03	5.65E-04	4.73E-03	7.16E-04	4.73E-03	7.16E-04	4.17E-03	5.67E-04	4.17E-03	6.02E-04	4.17E-03	5.72E-04	4.17E-03	5.66E-04	4.17E-03	5.69E-04	4.17E-03	5.68E-04	1.92E-01	3.40E-02	2.41E+00	3.34E-01
2280	Gridded	4.33E-03	6.15E-04	4.31E-03	6.13E-04	4.61E-03	6.53E-04	4.61E-03	6.53E-04	2.81E-04	3.58E-05	4.31E-03	6.13E-04	5.51E-03	7.75E-04	5.51E-03	7.75E-04	4.33E-03	6.15E-04	4.61E-03	6.53E-04	4.36E-03	6.20E-04	4.32E-03	6.14E-04	4.34E-03	6.18E-04	4.33E-03	6.16E-04	2.40E-01	3.21E-02	2.38E+00	3.51E-01
2281	Gridded	4.27E-03	8.02E-04	4.25E-03	7.98E-04	4.51E-03	8.53E-04	4.51E-03	8.53E-04	2.64E-04	4.84E-05	4.26E-03	7.99E-04	5.31E-03	1.02E-03	5.31E-03	1.02E-03	4.27E-03	8.02E-04	4.51E-03	8.53E-04	4.30E-03	8.08E-04	4.26E-03	8.01E-04	4.28E-03	8.05E-04	4.27E-03	8.02E-04	2.51E-01	3.25E-02	2.33E+00	4.58E-01
2282	Gridded	4.96E-03	8.07E-04	4.94E-03	8.04E-04	5.25E-03	8.57E-04	5.25E-03	8.57E-04	2.73E-04	4.66E-05	4.94E-03	8.04E-04	6.19E-03	1.02E-03	6.19E-03	1.02E-03	4.96E-03	8.07E-04	5.25E-03	8.57E-04	5.00E-03	8.13E-04	4.95E-03	8.06E-04	4.98E-03	8.10E-04	4.96E-03	8.08E-04	2.41E-01	3.21E-02	2.53E+00	4.71E-01
2283	Gridded	4.58E-03	8.30E-04	4.56E-03	8.27E-04	4.86E-03	8.80E-04	4.86E-03	8.80E-04	2.60E-04	4.70E-05	4.56E-03	8.27E-04	5.75E-03	1.04E-03	5.75E-03	1.04E-03	4.58E-03	8.30E-04	4.86E-03	8.80E-04	4.61E-03	8.36E-04	4.57E-03	8.29E-04	4.59E-03	8.33E-04	4.58E-03	8.30E-04	2.18E-01	3.42E-02	2.40E+00	4.67E-01
2284	Gridded	4.64E-03	9.49E-04	4.62E-03	9.45E-04	4.92E-03	1.01E-03	4.92E-03	1.01E-03	2.65E-04	5.53E-05	4.62E-03	9.46E-04	5.83E-03	1.20E-03	5.83E-03	1.20E-03	4.64E-03	9.49E-04	4.92E-03	1.01E-03	4.67E-03	9.56E-04	4.63E-03	9.48E-04	4.66E-03	9.53E-04	4.64E-03	9.50E-04	2.04E-01	3.19E-02	2.70E+00	5.49E-01
2285	Gridded	4.11E-03	7.82E-04	4.10E-03	7.79E-04	4.42E-03	8.32E-04	4.42E-03	8.32E-04	3.10E-04	4.69E-05	4.10E-03	7.79E-04	5.49E-03	9.94E-04	5.49E-03	9.94E-04	4.12E-03	7.82E-04	4.42E-03	8.32E-04	4.14E-03	7.88E-04	4.11E-03	7.81E-04	4.13E-03	7.85E-04	4.12E-03	7.83E-04	2.27E-01	2.86E-02	2.31E+00	4.66E-01
2286	Gridded	4.70E-03	6.37E-04	4.68E-03	6.34E-04	4.97E-03	6.82E-04	4.97E-03	6.82E-04	2.91E-04	4.26E-05	4.68E-03	6.34E-04	5.85E-03	8.29E-04	5.85E-03	8.29E-04	4.70E-03	6.37E-04	4.97E-03	6.82E-04	4.73E-03	6.42E-04	4.69E-03	6.36E-04	4.71E-03	6.40E-04	4.70E-03	6.37E-04	2.34E-01	3.46E-02	2.71E+00	3.74E-01
2287	Gridded	4.20E-03	7.30E-04	4.19E-03	7.27E-04	4.45E-03	7.75E-04	4.45E-03	7.75E-04	2.88E-04	4.22E-05	4.19E-03	7.28E-04	5.25E-03	9.21E-04	5.25E-03	9.21E-04	4.21E-03	7.30E-04	4.45E-03	7.75E-04	4.24E-03	7.36E-04	4.20E-03	7.29E-04	4.22E-03	7.33E-04	4.21E-03	7.31E-04	2.13E-01	3.83E-02	2.38E+00	4.07E-01
2288	Gridded	4.23E-03	7.54E-04	4.21E-03	7.51E-04	4.52E-03	8.07E-04	4.52E-03	8.07E-04	4.09E-04	4.96E-05	4.21E-03	7.51E-04	5.48E-03	9.78E-04	5.48E-03	9.78E-04	4.23E-03	7.54E-04	4.52E-03	8.07E-04	4.27E-03	7.61E-04	4.22E-03	7.53E-04	4.25E-03	7.57E-04	4.23E-03	7.55E-04	2.36E-01	3.53E-02	2.38E+00	4.28E-01
2289	Gridded	5.97E-03	6.44E-04	5.95E-03	6.41E-04	6.40E-03	6.95E-04	6.40E-03	6.95E-04	5.44E-04	4.92E-05	5.95E-03	6.42E-04	7.76E-03	8.61E-04	7.76E-03	8.61E-04	5.98E-03	6.45E-04	6.40E-03	6.95E-04	6.03E-03	6.51E-04	5.97E-03	6.43E-04	6.00E-03	6.47E-04	5.98E-03	6.45E-04	2.62E-01	3.29E-02	3.53E+00	3.78E-01
2290	Gridded	6.24E-03	6.03E-04	6.20E-03	6.00E-04	6.82E-03	6.50E-04	6.82E-03	6.50E-04	5.46E-04	4.72E-05	6.20E-03	6.01E-04	8.70E-03	8.02E-04	8.70E-03	8.02E-04	6.24E-03	6.03E-04	6.82E-03	6.50E-04	6.31E-03	6.09E-04	6.22E-03	6.02E-04	6.27E-03	6.06E-04	6.24E-03	6.04E-04	3.02E-01	3.14E-02	3.75E+00	3.65E-01
2291	Gridded	5.43E-03	4.49E-04	5.41E-03	4.46E-04	5.81E-03	4.89E-04	5.81E-03	4.89E-04	4.12E-04	3.75E-05	5.41E-03	4.47E-04	7.03E-03	6.18E-04	7.03E-03	6.18E-04	5.44E-03	4.49E-04	5.81E-03	4.89E-04	5.48E-03	4.54E-04	5.43E-03	4.48E-04	5.46E-03	4.51E-04	5.44E-03	4.49E-04	3.53E-01	2.92E-02	2.96E+00	2.85E-01
2292	Gridded	4.91E-03	4.14E-04	4.88E-03	4.12E-04	5.33E-03	4.45E-04	5.33E-03	4.45E-04	3.96E-04	3.38E-05	4.88E-03	4.12E-04	6.70E-03	5.46E-04	6.70E-03	5.46E-04	4.91E-03	4.14E-04	5.33E-03	4.45E-04	4.96E-03	4.18E-04	4.90E-03	4.13E-04	4.93E-03	4.16E-04	4.91E-03	4.14E-04	4.51E-01	3.17E-02	2.76E+00	2.51E-01
2293	Gridded	4.25E-03	4.47E-04	4.23E-03	4.45E-04	4.53E-03	4.74E-04	4.53E-03	4.74E-04	3.59E-04	2.60E-05	4.24E-03	4.46E-04	5.44E-03	5.63E-04	5.44E-03	5.63E-04	4.25E-03	4.47E-04	4.53E-03	4.74E-04	4.29E-03	4.51E-04	4.25E-03	4.47E-04	4.27E-03	4.49E-04	4.26E-03	4.47E-04	2.99E-01	2.46E-02	2.29E+00	2.60E-01
2294	Gridded	2.45E-03	4.40E-04	2.44E-03	4.38E-04	2.66E-03	4.65E-04	2.66E-03	4.65E-04	2.40E-04	2.39E-05	2.44E-03	4.38E-04	3.43E-03	5.47E-04	3.43E-03	5.47E-04	2.45E-03	4.40E-04	2.66E-03	4.65E-04	2.47E-03	4.43E-04	2.44E-03	4.39E-04	2.46E-03	4.41E-04	2.45E-03	4.40E-04	2.38E-01	2.57E-02	1.62E+00	2.53E-01
2295	Gridded	3.07E-03	5.53E-04	3.06E-03	5.51E-04	3.29E-03	5.86E-04	3.29E-03	5.86E-04	2.11E-04	3.07E-05	3.06E-03	5.51E-04	3.98E-03	6.92E-04	3.98E-03	6.92E-04	3.07E-03	5.53E-04	3.29E-03	5.86E-04	3.10E-03	5.57E-04	3.07E-03	5.52E-04	3.08E-03	5.55E-04	3.07E-03	5.54E-04	2.44E-01	2.80E-02	1.72E+00	3.16E-01
2296	Gridded	4.87E-03	6.78E-04	4.85E-03	6.76E-04	5.19E-03	7.17E-04	5.19E-03	7.17E-04	3.00E-04	3.63E-05	4.85E-03	6.76E-04	6.22E-03	8.42E-04	6.22E-03	8.42E-04	4.87E-03	6.79E-04	5.19E-03	7.17E-04	4.91E-03	6.83E-04	4.86E-03	6.78E-04	4.89E-03	6.81E-04	4.87E-03	6.79E-04	2.28E-01	4.22E-02	2.57E+00	3.62E-01
2297	Gridded	3.57E-03	7.12E-04	3.55E-03	7.08E-04	3.82E-03	7.65E-04	3.82E-03	7.65E-04	2.39E-04	4.97E-05	3.56E-03	7.09E-04	4.65E-03	9.36E-04	4.65E-03	9.36E-04	3.57E-03	7.12E-04	3.82E-03	7.65E-04	3.60E-03	7.18E-04	3.56E-03	7.11E-04	3.58E-03	7.15E-04	3.57E-03	7.12E-04	1.77E-01	3.96E-02	1.88E+00	3.80E-01
2298	Gridded	5.47E-03	9.07E-04	5.47E-03	9.06E-04	5.47E-03	9.23E-04	5.47E-03	9.23E-04	2.81E-04	5.39E-05	5.47E-03	9.06E-04	5.95E-03	9.77E-04	5.95E-03	9.77E-04	5.47E-03	9.07E-04	5.47E-03	9.23E-04	5.47E-03	9.09E-04	5.47E-03	9.06E-04	5.47E-03	9.08E-04	5.47E-03	9.07E-04	1.97E-01	3.81E-02	2.90E+00	4.84E-01
2299	Gridded	5.35E-03	8.51E-04	5.35E-03	8.50E-04	5.35E-03	8.63E-04	5.35E-03	8.63E-04	2.32E-04	5.05E-05	5.35E-03	8.50E-04	5.35E-03	9.52E-04	5.35E-03	9.52E-04	5.35E-03	8.51E-04	5.35E-03	8.63E-04	5.35E-03	8.52E-04	5.35E-03	8.50E-04	5.35E-03	8.51E-04	5.35E-03	8.51E-04	2.25E-01	3.28E-02	2.83E+00	4.57E-01
2300	Gridded	5.33E-03	5.62E-04	5.33E-03	5.61E-04	5.35E-03	5.84E-04	5.35E-03	5.84E-04	2.29E-04	4.49E-05	5.33E-03	5.61E-04	5.41E-03	7.39E-04	5.41E-03	7.39E-04	5.33E-03	5.62E-04	5.35E-03	5.84E-04	5.33E-03	5.63E-04	5.33E-03	5.62E-04	5.33E-03	5.62E-04	5.33E-03	5.62E-04	2.19E-01	4.06E-02	2.82E+00	3.73E-01
2301	Gridded	4.63E-03	8.07E-04	4.62E-03	8.05E-04	4.75E-03	8.43E-04	4.75E-03	8.43E-04	2.18E-04	4.00E-05	4.62E-03	8.05E-04	5.17E-03	9.60E-04	5.17E-03	9.60E-04	4.63E-03	8.08E-04	4.75E-03	8.43E-04	4.64E-03	8.12E-04	4.63E-03	8.07E-04	4.64E-03	8.10E-04	4.63E-03	8.08E-04	1.70E-01	5.27E-02	2.46E+00	4.36E-01
2302	Gridded	4.47E-03	9.79E-04	4.45E-03	9.75E-04	4.75E-03	1.04E-03	4.75E-03	1.04E-03	3.15E-04	5.85E-05	4.45E-03	9.76E-04	5.65E-03	1.24E-03	5.65E-03	1.24E-03	4.47E-03	9.79E-04	4.75E-03	1.04E-03	4.50E-03	9.87E-04	4.46E-03	9.78E-04	4.48E-03	9.83E-04	4.47E-03	9.80E-04	1.91E-01	6.27E-02	2.38E+00	5.28E-01
2303	Gridded	5.22E-03	1.05E-03	5.22E-03	1.05E-03	5.50E-03	1.14E-03	5.50E-03	1.14E-03	5.70E-04	7.88E-05	5.22E-03	1.05E-03	6.63E-03	1.41E-03	6.63E-03	1.41E-03	5.22E-03	1.05E-03	5.50E-03	1.14E-03	5.22E-03	1.06E-03	5.22E-03	1.05E-03	5.22E-03	1.06E-03	5.22E-03	1.06E-03	2.86E-01	7.24E-02	2.97E+00	5.68E-01
2304	Gridded	7.75E-03	1.14E-03	7.75E-03	1.13E-03	7.77E-03	1.21E-03	7.77E-03	1.21E-03	4.11E-04	6.92E-05	7.75E-03	1.13E-03	7.84E-03	1.45E-03	7.84E-03	1.45E-03	7.75E-03	1.14E-03	7.77E-03	1.21E-03	7.75E-03	1.15E-03	7.75E-03	1.14E-03	7.75E-03	1.14E-03	7.75E-03	1.14E-03	2.91E-01	5.37E-02	4.12E+00	6.31E-01
2305	Gridded	7.59E-03	9.77E-04	7.58E-03	9.73E-04	7.67E-03	1.04E-03	7.67E-03	1.04E-03	2.53E-04	5.69E-05	7.58E-03	9.74E-04	7.94E-03	1.23E-03	7.94E-03	1.23E-03	7.59E-03	9.77E-04	7.67E-03	1.04E-03	7.60E-03	9.84E-04	7.58E-03	9.76E-04	7.59E-03	9.80E-04	7.59E-03	9.78E-04	2.74E-01	3.26E-02	4.03E+00	5.59E-01
2306	Gridded	3.73E-03	7.39E-04	3.72E-03	7.36E-04	3.91E-03	7.81E-04	3.91E-03	7.81E-04	4.33E-04	4.02E-05	3.72E-03	7.37E-04	5.26E-03	9.16E-04	5.26E-03	9.16E-04	3.73E-03	7.39E-04	3.91E-03	7.81E-04	3.75E-03	7.44E-04	3.72E-03	7.38E-04	3.74E-03	7.41E-04	3.73E-03	7.39E-04	2.09E-01	4.21E-02	2.07E+00	4.68E-01
2307	Gridded	7.13E-03	1.15E-03	7.11E-03	1.14E-03	7.41E-03	1.21E-03	7.41E-03	1.21E-03	2.67E-04	5.99E-05	7.11E-03	1.14E-03	8.33E-03	1.42E-03	8.33E-03	1.42E-03	7.13E-03	1.15E-03	7.41E-03	1.21E-03	7.16E-03	1.16E-03	7.12E-03	1.15E-03	7.15E-03	1.15E-03	7.13E-03	1.15E-03	2.56E-01	5.95E-02	4.15E+00	6.33E-01
2308	Gridded	4.91E-03	8.04E-04	4.90E-03	8.01E-04	4.95E-03	8.59E-04	4.95E-03	8.59E-04	2.62E-04	6.52E-05	4.90E-03	8.01E-04	5.08E-03	1.06E-03	5.08E-03	1.06E-03	4.91E-03	8.05E-04	4.95E-03	8.59E-04	4.91E-03	8.11E-04	4.90E-03	8.03E-04	4.91E-03	8.08E-04	4.91E-03	8.05E-04	2.59E-01	6.06E-02	3.01E+00	4.77E-01
2309	Gridded	3.77E-03	7.94E-04	3.76E-03	7.91E-04	4.01E-03	8.41E-04	4.01E-03	8.41E-04	2.23E-04	4.36E-05	3.76E-03	7.92E-04	4.78E-03	9.91E-04	4.78E-03	9.91E-04	3.77E-03	7.94E-04	4.01E-03	8.41E-04	3.80E-03	8.00E-04	3.77E-03	7.93E-04	3.79E-03	7.97E-04	3.78E-03	7.95E-04	2.52E-01	5.34E-02	2.02E+00	4.86E-01
2310	Gridded	3.12E-03	5.26E-04	3.10E-03	5.24E-04	3.36E-03	5.51E-04	3.36E-03	5.51E-04	2.25E-04	2.55E-05	3.10E-03	5.24E-04	4.13E-03	6.34E-04	4.13E-03	6.34E-04	3.12E-03	5.26E-04	3.36E-03	5.51E-04	3.15E-03	5.29E-04	3.11E-03	5.25E-04	3.13E-03	5.27E-04	3.12E-03	5.26E-04	1.97E-01	3.11E-02	1.67E+00	3.12E-01
2311	Gridded	3.15E-03	4.81E-04	3.14E-03	4.78E-04	3.32E-03	5.15E-04	3.32E-03	5.15E-04	1.62E-04	3.21E-05	3.14E-03	4.79E-04	3.88E-03	6.25E-04	3.88E-03	6.25E-04	3.15E-03	4.81E-04	3.32E-03	5.15E-04	3.17E-03	4.85E-04	3.15E-03	4.80E-04	3.16E-03	4.83E-04	3.15E-03	4.81E-04	1.78E-01	3.49E-02	1.69E+00	2.95E-01
2312	Gridded	2.64E-03	4.53E-04	2.62E-03	4.51E-04	2.80E-03	4.85E-04	2.80E-03	4.85E-04	1.80E-04	2.94E-05	2.63E-03	4.52E-04	3.31E-03	5.86E-04	3.31E-03	5.86E-04	2.64E-03	4.54E-04	2.80E-03	4.85E-04	2.66E-03	4.57E-04	2.63E-03	4.53E-04	2.64E-03	4.55E-04	2.64E-03	4.54E-04	1.34E-01	2.62E-02	1.51E+00	2.86E-01
2313	Gridded	2.92E-03	4.29E-04	2.91E-03	4.27E-04	3.09E-03	4.56E-04	3.09E-03	4.56E-04	1.61E-04	2.60E-05	2.91E-03	4.27E-04	3.64E-03	5.46E-04	3.64E-03	5.46E-04	2.92E-03	4.29E-04	3.09E-03	4.56E-04	2.94E-03	4.32E-04	2.91E-03	4.28E-04	2.93E-03	4.30E-04	2.92E-03	4.29E-04	1.55E-01	2.75E-02	1.53E+00	2.39E-01
2314	Gridded	2.52E-03	4.59E-04	2.51E-03	4.57E-04	2.66E-03	4.89E-04	2.66E-03	4.89E-04	1.34E-04	2.84E-05	2.51E-03	4.57E-04	3.13E-03	5.87E-04	3.13E-03	5.87E-04	2.52E-03	4.59E-04	2.66E-03	4.89E-04	2.54E-03	4.62E-04	2.52E-03	4.58E-04	2.53E-03	4.60E-04	2.52E-03	4.59E-04	1.72E-01	2.36E-02	1.33E+00	2.79E-01
2315	Gridded	2.67E-03	4.94E-04	2.67E-03	4.92E-04	2.77E-03	5.23E-04	2.77E-03	5.23E-04	2.51E-04	2.75E-05	2.67E-03	4.93E-04	3.24E-03	6.17E-04	3.24E-03	6.17E-04	2.67E-03	4.94E-04	2.77E-03	5.23E-04	2.68E-03	4.98E-04	2.67E-03	4.93E-04	2.68E-03	4.96E-04	2.67E-03	4.94E-04	2.12E-01	2.56E-02	1.46E+00	3.03E-01
2316	Gridded	2.86E-03	4.62E-04	2.83E-03	4.60E-04	3.24E-03	4.86E-04	3.24E-03	4.86E-04	3.62E-04	2.81E-05	2.84E-03	4.60E-04	4.49E-03	5.65E-04	4.49E-03	5.65E-04	2.86E-03	4.62E-04	3.24E-03	4.86E-04	2.91E-03	4.65E-04	2.85E-03	4.61E-04	2.88E-03	4.63E-04	2.86E-03	4.62E-04	3.20E-01	3.71E-02	1.53E+00	2.78E-01
2317	Gridded	3.12E-03	5.19E-04	3.11E-03	5.17E-04	3.32E-03	5.52E-04	3.32E-03	5.52E-04	2.76E-04	3.07E-05	3.11E-03	5.17E-04	4.00E-03	6.58E-04	4.00E-03	6.58E-04	3.12E-03	5.19E-04	3.32E-03	5.52E-04	3.15E-03	5.23E-04	3.12E-03	5.18E-04	3.13E-03	5.21E-04	3.12E-03	5.19E-04	2.61E-01	2.85E-02	1.80E+00	2.89E-01
2318	Gridded	3.07E-03	5.00E-04	3.06E-03	4.97E-04	3.22E-03	5.37E-04	3.22E-03	5.37E-04	2.50E-04	3.45E-05	3.06E-03	4.98E-04	3.72E-03	6.55E-04	3.72E-03	6.55E-04	3.07E-03	5.00E-04	3.22E-03	5.37E-04	3.09E-03	5.04E-04	3.07E-03	4.99E-04	3.08E-03	5.02E-04	3.07E-03	5.00E-04	1.75E-01	2.46E-02	1.53E+00	2.97E-01
2319	Gridded	3.67E-03	6.49E-04	3.66E-03	6.47E-04	3.88E-03	6.91E-04	3.88E-03	6.91E-04	2.57E-04	3.95E-05	3.66E-03	6.47E-04	4.58E-03	8.28E-04	4.58E-03	8.28E-04	3.67E-03	6.50E-04	3.88E-03	6.91E-04	3.70E-03	6.55E-04	3.67E-03	6.49E-04	3.68E-03	6.52E-04	3.67E-03	6.50E-04	2.03E-01	3.63E-02	1.85E+00	3.95E-01
2320	Gridded	2.87E-03	5.42E-04	2.85E-03	5.40E-04	3.11E-03	5.75E-04	3.11E-03	5.75E-04	2.39E-04	3.09E-05	2.85E-03	5.41E-04	3.91E-03	6.80E-04	3.91E-03	6.80E-04	2.87E-03	5.43E-04	3.11E-03	5.75E-04	2.90E-03	5.46E-04	2.86E-03	5.42E-04	2.88E-03	5.44E-04	2.87E-03	5.43E-04	2.49E-01	4.03E-02	1.73E+00	3.37E-01
2321	Gridded	2.35E-03	6.83E-04	2.34E-03	6.80E-04	2.50E-03	7.28E-04	2.50E-03	7.28E-04	1.80E-04	4.23E-05	2.34E-03	6.80E-04	2.98E-03	8.74E-04	2.98E-03	8.74E-04	2.35E-03	6.83E-04	2.50E-03	7.28E-04	2.37E-03	6.88E-04	2.34E-03	6.82E-04	2.36E-03	6.85E-04	2.35E-03	6.83E-04	2.66E-01	3.44E-02	1.37E+00	4.10E-01
2322	Gridded	2.75E-03	7.14E-04	2.74E-03	7.11E-04	2.94E-03	7.58E-04	2.94E-03	7.58E-04	1.81E-04	4.10E-05	2.74E-03	7.12E-04	3.57E-03	8.99E-04	3.57E-03	8.99E-04	2.75E-03	7.14E-04	2.94E-03	7.58E-04	2.77E-03	7.19E-04	2.75E-03	7.13E-04	2.76E-03	7.17E-04	2.75E-03	7.14E-04	1.68E-01	3.64E-02	1.48E+00	4.19E-01
2323	Gridded	2.31E-03	6.96E-04	2.30E-03	6.93E-04	2.47E-03	7.43E-04	2.47E-03	7.43E-04	1.52E-04	4.37E-05	2.30E-03	6.94E-04	2.99E-03	8.93E-04	2.99E-03	8.93E-04	2.31E-03	6.96E-04	2.47E-03	7.43E-04	2.33E-03	7.02E-04	2.31E-03	6.95E-04	2.32E-03	6.99E-04	2.31E-03	6.97E-04	1.26E-01	2.61E-02	1.35E+00	4.02E-01
2324	Gridded	3.93E-03	7.61E-04	3.92E-03	7.58E-04	4.05E-03	8.07E-04	4.05E-03	8.07E-04	1.78E-04	4.67E-05	3.92E-03	7.59E-04	4.47E-03	9.55E-04	4.47E-03	9.55E-04	3.93E-03	7.61E-04	4.05E-03	8.07E-04	3.94E-03	7.67E-04	3.92E-03	7.60E-04	3.93E-03	7.64E-04	3.93E-03	7.62E-04	1.57E-01	3.65E-02	2.08E+00	4.45E-01
2325	Gridded	5.68E-03	6.36E-04	5.64E-03	6.33E-04	6.26E-03	6.77E-04	6.26E-03	6.77E-04	5.44E-04	4.50E-05	5.65E-03	6.34E-04	8.14E-03	8.32E-04	8.14E-03	8.32E-04	5.68E-03	6.36E-04	6.26E-03	6.77E-04	5.75E-03	6.40E-04	5.67E-03	6.35E-04	5.72E-03	6.38E-04	5.69E-03	6.36E-04	2.11E-01	4.04E-02	3.04E+00	3.94E-01
2326	Gridded	5.13E-03	8.05E-04	5.11E-03	8.02E-04	5.48E-03	8.62E-04	5.48E-03	8.62E-04	4.63E-04	5.32E-05	5.11E-03	8.02E-04	6.68E-03	1.05E-03	6.68E-03	1.05E-03	5.13E-03	8.05E-04	5.48E-03	8.62E-04	5.17E-03	8.12E-04	5.12E-03	8.04E-04	5.15E-03	8.09E-04	5.13E-03	8.06E-04	1.90E-01	4.59E-02	2.74E+00	4.42E-01
2327	Gridded	4.44E-03	6.09E-04	4.42E-03	6.06E-04	4.85E-03	6.45E-04	4.85E-03	6.45E-04	4.15E-04	3.96E-05	4.42E-03	6.07E-04	6.28E-03	7.78E-04	6.28E-03	7.78E-04	4.44E-03	6.09E-04	4.85E-03	6.45E-04	4.47E-03	6.13E-04	4.43E-03	6.08E-04	4.45E-03	6.11E-04	4.44E-03	6.09E-04	3.35E-01	4.14E-02	2.37E+00	3.62E-01
2328	Gridded	4.32E-03	6.59E-04	4.31E-03	6.56E-04	4.56E-03	6.98E-04	4.56E-03	6.98E-04	2.22E-04	3.73E-05	4.31E-03	6.56E-04	5.33E-03	8.25E-04	5.33E-03	8.25E-04	4.32E-03	6.59E-04	4.56E-03	6.98E-04	4.35E-03	6.63E-04	4.32E-03	6.58E-04	4.34E-03	6.61E-04	4.33E-03	6.59E-04	4.21E-01	3.63E-02	2.31E+00	3.86E-01
2329	Gridded	4.52E-03	5.57E-04	4.51E-03	5.55E-04	4.75E-03	5.93E-04	4.75E-03	5.93E-04	2.66E-04	3.38E-05	4.51E-03	5.55E-04	5.50E-03	7.09E-04	5.50E-03	7.09E-04	4.52E-03	5.57E-04	4.75E-03	5.93E-04	4.55E-03	5.61E-04	4.52E-03	5.56E-04	4.54E-03	5.59E-04	4.53E-03	5.57E-04	4.27E-01	3.36E-02	2.49E+00	3.34E-01
2330	Gridded	3.90E-03	5.28E-04	3.88E-03	5.25E-04	4.14E-03	5.60E-04	4.14E-03	5.60E-04	2.26E-04	3.23E-05	3.89E-03	5.26E-04	4.92E-03	6.66E-04	4.92E-03	6.66E-04	3.90E-03	5.28E-04	4.14E-03	5.60E-04	3.93E-03	5.32E-04	3.89E-03	5.27E-04	3.91E-03	5.29E-04	3.90E-03	5.28E-04	2.44E-01	3.15E-02	2.09E+00	2.98E-01
2331	Gridded	4.10E-03	5.38E-04	4.10E-03	5.36E-04	4.11E-03	5.71E-04	4.11E-03	5.71E-04	2.56E-04	3.21E-05	4.10E-03	5.36E-04	4.88E-03	6.78E-04	4.88E-03	6.78E-04	4.10E-03	5.38E-04	4.11E-03	5.71E-04	4.10E-03	5.42E-04	4.10E-03	5.37E-04	4.10E-03	5.40E-04	4.10E-03	5.38E-04	1.82E-01	2.96E-02	2.40E+00	3.24E-01
2332	Gridded	4.41E-03	6.82E-04	4.39E-03	6.80E-04	4.70E-03	7.25E-04	4.70E-03	7.25E-04	2.68E-04	4.01E-05	4.40E-03	6.80E-04	5.62E-03	8.63E-04	5.62E-03	8.63E-04	4.41E-03	6.83E-04	4.70E-03	7.25E-04	4.45E-03	6.88E-04	4.40E-03	6.82E-04	4.43E-03	6.85E-04	4.41E-03	6.83E-04	2.39E-01	3.15E-02	2.46E+00	3.84E-01
2333	Gridded	4.63E-03	8.10E-04	4.61E-03	8.07E-04	4.91E-03	8.60E-04	4.91E-03	8.60E-04	2.61E-04	4.67E-05	4.62E-03	8.08E-04	5.81E-03	1.02E-03	5.81E-03	1.02E-03	4.63E-03	8.10E-04	4.91E-03	8.60E-04	4.67E-03	8.17E-04	4.63E-03	8.09E-04	4.65E-03	8.13E-04	4.64E-03	8.11E-04	2.00E-01	2.90E-02	2.50E+00	4.63E-01
2334	Gridded	4.11E-03	7.11E-04	4.09E-03	7.08E-04	4.36E-03	7.55E-04	4.36E-03	7.55E-04	2.44E-04	4.10E-05	4.10E-03	7.09E-04	5.16E-03	8.96E-04	5.16E-03	8.96E-04	4.11E-03	7.11E-04	4.36E-03	7.55E-04	4.14E-03	7.16E-04	4.10E-03	7.10E-04	4.12E-03	7.14E-04	4.11E-03	7.12E-04	2.31E-01	3.12E-02	2.28E+00	4.19E-01
2335	Gridded	4.23E-03	8.56E-04	4.22E-03	8.53E-04	4.50E-03	9.07E-04	4.50E-03	9.07E-04	2.49E-04	4.80E-05	4.22E-03	8.53E-04	5.36E-03	1.07E-03	5.36E-03	1.07E-03	4.23E-03	8.56E-04	4.50E-03	9.07E-04	4.27E-03	8.62E-04	4.23E-03	8.55E-04	4.25E-03	8.59E-04	4.24E-03	8.57E-04	1.84E-01	3.05E-02	2.43E+00	4.85E-01
2336	Gridded	4.40E-03	8.69E-04	4.38E-03	8.65E-04	4.63E-03	9.23E-04	4.63E-03	9.23E-04	2.30E-04	5.07E-05	4.38E-03	8.66E-04	5.38E-03	1.10E-03	5.38E-03	1.10E-03	4.40E-03	8.69E-04	4.63E-03	9.23E-04	4.43E-03	8.76E-04	4.39E-03	8.68E-04	4.41E-03	8.72E-04	4.40E-03	8.70E-04	2.06E-01	2.68E-02	2.41E+00	5.06E-01
2337	Gridded	4.59E-03	6.87E-04	4.57E-03	6.84E-04	4.96E-03	7.31E-04	4.96E-03	7.31E-04	3.44E-04	4.20E-05	4.57E-03	6.84E-04	6.15E-03	8.74E-04	6.15E-03	8.74E-04	4.59E-03	6.87E-04	4.96E-03	7.31E-04	4.64E-03	6.92E-04	4.59E-03	6.86E-04	4.61E-03	6.89E-04	4.60E-03	6.87E-04	1.91E-01	2.55E-02	2.55E+00	4.12E-01
2338	Gridded	4.29E-03	6.10E-04	4.27E-03	6.07E-04	4.53E-03	6.53E-04	4.53E-03	6.53E-04	3.01E-04	4.06E-05	4.27E-03	6.08E-04	5.33E-03	7.93E-04	5.33E-03	7.93E-04	4.29E-03	6.10E-04	4.53E-03	6.53E-04	4.32E-03	6.16E-04	4.28E-03	6.09E-04	4.30E-03	6.13E-04	4.29E-03	6.11E-04	1.82E-01	3.25E-02	2.50E+00	3.58E-01
2339	Gridded	4.19E-03	7.25E-04	4.17E-03	7.22E-04	4.44E-03	7.69E-04	4.44E-03	7.69E-04	2.56E-04	4.13E-05	4.17E-03	7.23E-04	5.26E-03	9.11E-04	5.26E-03	9.11E-04	4.19E-03	7.25E-04	4.44E-03	7.69E-04	4.22E-03	7.30E-04	4.18E-03	7.24E-04	4.20E-03	7.28E-04	4.19E-03	7.25E-04	2.00E-01	3.49E-02	2.25E+00	4.02E-01
2340	Gridded	4.69E-03	7.86E-04	4.66E-03	7.83E-04	5.00E-03	8.41E-04	5.00E-03	8.41E-04	4.15E-04	5.13E-05	4.67E-03	7.83E-04	6.03E-03	1.02E-03	6.03E-03	1.02E-03	4.69E-03	7.86E-04	5.00E-03	8.41E-04	4.73E-03	7.93E-04	4.68E-03	7.85E-04	4.70E-03	7.89E-04	4.69E-03	7.87E-04	2.33E-01	3.26E-02	2.61E+00	4.44E-01
2341	Gridded	4.77E-03	5.53E-04	4.75E-03	5.50E-04	5.12E-03	5.97E-04	5.12E-03	5.97E-04	4.50E-04	4.16E-05	4.75E-03	5.50E-04	6.24E-03	7.40E-04	6.24E-03	7.40E-04	4.77E-03	5.53E-04	5.12E-03	5.97E-04	4.82E-03	5.58E-04	4.77E-03	5.52E-04	4.79E-03	5.55E-04	4.78E-03	5.53E-04	2.37E-01	2.84E-02	2.79E+00	3.25E-01
2342	Gridded	4.21E-03	4.58E-04	4.18E-03	4.56E-04	4.61E-03	4.86E-04	4.61E-03	4.86E-04	3.79E-04	3.77E-05	4.19E-03	4.56E-04	5.90E-03	6.00E-04	5.90E-03	6.00E-04	4.21E-03	4.58E-04	4.61E-03	4.86E-04	4.26E-03	4.61E-04	4.20E-03	4.57E-04	4.23E-03	4.59E-04	4.21E-03	4.58E-04	2.28E-01	2.67E-02	2.56E+00	2.68E-01
2343	Gridded	5.43E-03	4.48E-04	5.41E-03	4.45E-04	5.77E-03	4.88E-04	5.77E-03	4.88E-04	4.03E-04	3.76E-05	5.41E-03	4.46E-04	6.87E-03	6.18E-04	6.87E-03	6.18E-04	5.43E-03	4.48E-04	5.77E-03	4.88E-04	5.48E-03	4.53E-04	5.43E-03	4.47E-04	5.45E-03	4.50E-04	5.44E-03	4.48E-04	3.19E-01	2.76E-02	2.93E+00	2.82E-01
2344	Gridded	4.13E-03	3.32E-04	4.11E-03	3.30E-04	4.46E-03	3.56E-04	4.46E-03	3.56E-04	3.07E-04	2.87E-05	4.12E-03	3.31E-04	5.52E-03	4.41E-04	5.52E-03	4.41E-04	4.14E-03	3.32E-04	4.46E-03	3.56E-04	4.17E-03	3.35E-04	4.13E-03	3.31E-04	4.15E-03	3.33E-04	4.14E-03	3.32E-04	3.23E-01	2.48E-02	2.28E+00	2.10E-01
2345	Gridded	2.73E-03	3.05E-04	2.72E-03	3.03E-04	2.90E-03	3.23E-04	2.90E-03	3.23E-04	2.31E-04	1.95E-05	2.72E-03	3.04E-04	3.47E-03	3.81E-04	3.47E-03	3.81E-04	2.73E-03	3.05E-04	2.90E-03	3.23E-04	2.75E-03	3.07E-04	2.73E-03	3.04E-04	2.74E-03	3.06E-04	2.74E-03	3.05E-04	2.47E-01	2.22E-02	1.46E+00	1.74E-01
2346	Gridded	2.75E-03	3.32E-04	2.73E-03	3.30E-04	2.97E-03	3.51E-04	2.97E-03	3.51E-04	2.32E-04	2.11E-05	2.74E-03	3.31E-04	3.70E-03	4.14E-04	3.70E-03	4.14E-04	2.75E-03	3.32E-04	2.97E-03	3.51E-04	2.78E-03	3.34E-04	2.74E-03	3.31E-04	2.76E-03	3.33E-04	2.75E-03	3.32E-04	2.26E-01	2.39E-02	1.49E+00	1.91E-01
2347	Gridded	3.30E-03	5.74E-04	3.30E-03	5.71E-04	3.30E-03	6.20E-04	3.30E-03	6.20E-04	1.89E-04	4.28E-05	3.30E-03	5.72E-04	3.85E-03	7.67E-04	3.85E-03	7.67E-04	3.30E-03	5.75E-04	3.30E-03	6.20E-04	3.30E-03	5.80E-04	3.30E-03	5.73E-04	3.30E-03	5.77E-04	3.30E-03	5.75E-04	1.57E-01	3.46E-02	1.75E+00	3.07E-01
2348	Gridded	4.00E-03	6.87E-04	4.00E-03	6.86E-04	4.00E-03	6.99E-04	4.00E-03	6.99E-04	2.11E-04	3.89E-05	4.00E-03	6.86E-04	4.33E-03	7.40E-04	4.33E-03	7.40E-04	4.00E-03	6.87E-04	4.00E-03	6.99E-04	4.00E-03	6.88E-04	4.00E-03	6.86E-04	4.00E-03	6.87E-04	4.00E-03	6.87E-04	1.67E-01	3.32E-02	2.12E+00	3.67E-01
2349	Gridded	5.90E-03	8.90E-04	5.90E-03	8.89E-04	5.90E-03	9.03E-04	5.90E-03	9.03E-04	2.47E-04	5.41E-05	5.90E-03	8.89E-04	5.90E-03	1.01E-03	5.90E-03	1.01E-03	5.90E-03	8.90E-04	5.90E-03	9.03E-04	5.90E-03	8.92E-04	5.90E-03	8.90E-04	5.90E-03	8.91E-04	5.90E-03	8.90E-04	2.21E-01	3.30E-02	3.11E+00	4.79E-01
2350	Gridded	5.10E-03	5.30E-04	5.10E-03	5.30E-04	5.13E-03	5.36E-04	5.13E-03	5.36E-04	2.19E-04	4.11E-05	5.10E-03	5.30E-04	5.21E-03	6.61E-04	5.21E-03	6.61E-04	5.10E-03	5.30E-04	5.13E-03	5.36E-04	5.10E-03	5.31E-04	5.10E-03	5.30E-04	5.10E-03	5.31E-04	5.10E-03	5.30E-04	2.04E-01	3.90E-02	2.70E+00	3.37E-01
2351	Gridded	4.60E-03	8.16E-04	4.59E-03	8.14E-04	4.72E-03	8.52E-04	4.72E-03	8.52E-04	2.18E-04	4.00E-05	4.59E-03	8.14E-04	5.12E-03	9.67E-04	5.12E-03	9.67E-04	4.60E-03	8.16E-04	4.72E-03	8.52E-04	4.61E-03	8.21E-04	4.60E-03	8.15E-04	4.61E-03	8.18E-04	4.60E-03	8.17E-04	1.63E-01	5.11E-02	2.44E+00	4.40E-01
2352	Gridded	3.81E-03	8.47E-04	3.79E-03	8.43E-04	4.05E-03	9.00E-04	4.05E-03	9.00E-04	2.71E-04	5.02E-05	3.80E-03	8.44E-04	4.84E-03	1.07E-03	4.84E-03	1.07E-03	3.81E-03	8.47E-04	4.05E-03	9.00E-04	3.84E-03	8.53E-04	3.81E-03	8.45E-04	3.83E-03	8.50E-04	3.81E-03	8.47E-04	1.76E-01	5.50E-02	2.03E+00	4.56E-01
2353	Gridded	3.62E-03	7.82E-04	3.62E-03	7.77E-04	3.82E-03	8.44E-04	3.82E-03	8.44E-04	4.12E-04	5.90E-05	3.62E-03	7.78E-04	4.80E-03	1.05E-03	4.80E-03	1.05E-03	3.62E-03	7.82E-04	3.82E-03	8.44E-04	3.62E-03	7.89E-04	3.62E-03	7.80E-04	3.62E-03	7.85E-04	3.62E-03	7.82E-04	2.39E-01	5.86E-02	2.07E+00	4.22E-01
2354	Gridded	6.04E-03	9.25E-04	6.04E-03	9.21E-04	6.06E-03	9.85E-04	6.06E-03	9.85E-04	3.19E-04	5.65E-05	6.04E-03	9.22E-04	6.11E-03	1.18E-03	6.11E-03	1.18E-03	6.04E-03	9.25E-04	6.06E-03	9.85E-04	6.04E-03	9.33E-04	6.04E-03	9.24E-04	6.04E-03	9.29E-04	6.04E-03	9.26E-04	2.35E-01	4.70E-02	3.21E+00	5.15E-01
2355	Gridded	8.12E-03	9.86E-04	8.11E-03	9.82E-04	8.18E-03	1.05E-03	8.18E-03	1.05E-03	2.71E-04	5.77E-05	8.11E-03	9.83E-04	8.40E-03	1.25E-03	8.40E-03	1.25E-03	8.12E-03	9.87E-04	8.18E-03	1.05E-03	8.13E-03	9.94E-04	8.12E-03	9.85E-04	8.12E-03	9.90E-04	8.12E-03	9.87E-04	2.80E-01	3.09E-02	4.31E+00	5.58E-01
2356	Gridded	4.32E-03	7.55E-04	4.31E-03	7.52E-04	4.48E-03	7.99E-04	4.48E-03	7.99E-04	4.32E-04	4.11E-05	4.31E-03	7.53E-04	4.98E-03	9.41E-04	4.98E-03	9.41E-04	4.32E-03	7.55E-04	4.48E-03	7.99E-04	4.34E-03	7.61E-04	4.32E-03	7.54E-04	4.33E-03	7.58E-04	4.32E-03	7.56E-04	2.07E-01	3.59E-02	2.30E+00	4.61E-01
2357	Gridded	5.23E-03	8.99E-04	5.21E-03	8.95E-04	5.53E-03	9.45E-04	5.53E-03	9.45E-04	2.83E-04	4.33E-05	5.21E-03	8.96E-04	6.50E-03	1.09E-03	6.50E-03	1.09E-03	5.23E-03	8.99E-04	5.53E-03	9.45E-04	5.26E-03	9.04E-04	5.22E-03	8.98E-04	5.24E-03	9.01E-04	5.23E-03	8.99E-04	2.18E-01	4.74E-02	3.10E+00	4.98E-01
2358	Gridded	5.35E-03	8.48E-04	5.34E-03	8.44E-04	5.43E-03	9.15E-04	5.43E-03	9.15E-04	2.59E-04	6.24E-05	5.34E-03	8.45E-04	5.69E-03	1.13E-03	5.69E-03	1.13E-03	5.35E-03	8.49E-04	5.43E-03	9.15E-04	5.36E-03	8.57E-04	5.35E-03	8.47E-04	5.35E-03	8.52E-04	5.35E-03	8.49E-04	2.26E-01	5.28E-02	3.21E+00	4.69E-01

Scenario 2 Results

2359	Gridded	3.62E-03	8.15E-04	3.60E-03	8.12E-04	3.86E-03	8.65E-04	3.86E-03	8.65E-04	2.61E-04	4.69E-05	3.60E-03	8.12E-04	4.64E-03	1.03E-03	4.64E-03	1.03E-03	3.62E-03	8.15E-04	3.86E-03	8.65E-04	3.65E-03	8.21E-04	3.61E-03	8.14E-04	3.63E-03	8.18E-04	3.62E-03	8.16E-04	2.25E-01	5.78E-02	1.93E+00	4.89E-01
2360	Gridded	4.57E-03	6.47E-04	4.55E-03	6.44E-04	4.84E-03	6.84E-04	4.84E-03	6.84E-04	2.59E-04	3.50E-05	4.56E-03	6.45E-04	5.71E-03	8.05E-04	5.71E-03	8.05E-04	4.57E-03	6.47E-04	4.84E-03	6.84E-04	4.60E-03	6.51E-04	4.56E-03	6.46E-04	4.59E-03	6.49E-04	4.57E-03	6.47E-04	2.53E-01	4.08E-02	2.45E+00	4.10E-01
2361	Gridded	5.21E-03	6.06E-04	5.20E-03	6.04E-04	5.40E-03	6.33E-04	5.40E-03	6.33E-04	3.01E-04	3.34E-05	5.20E-03	6.05E-04	5.98E-03	7.18E-04	5.98E-03	7.18E-04	5.21E-03	6.06E-04	5.40E-03	6.33E-04	5.24E-03	6.09E-04	5.21E-03	6.06E-04	5.22E-03	6.08E-04	5.22E-03	6.06E-04	2.17E-01	3.91E-02	2.79E+00	3.65E-01
2362	Gridded	3.54E-03	5.45E-04	3.53E-03	5.43E-04	3.75E-03	5.84E-04	3.75E-03	5.84E-04	3.16E-04	3.61E-05	3.53E-03	5.43E-04	4.85E-03	7.08E-04	4.85E-03	7.08E-04	3.54E-03	5.45E-04	3.75E-03	5.84E-04	3.57E-03	5.50E-04	3.54E-03	5.45E-04	3.56E-03	5.48E-04	3.55E-03	5.46E-04	2.08E-01	3.96E-02	2.04E+00	3.36E-01
2363	Gridded	3.07E-03	4.21E-04	3.06E-03	4.19E-04	3.17E-03	4.50E-04	3.17E-03	4.50E-04	1.85E-04	2.70E-05	3.07E-03	4.19E-04	3.68E-03	5.43E-04	3.68E-03	5.43E-04	3.07E-03	4.21E-04	3.17E-03	4.50E-04	3.08E-03	4.24E-04	3.07E-03	4.20E-04	3.07E-03	4.22E-04	3.07E-03	4.21E-04	1.70E-01	3.19E-02	1.81E+00	2.74E-01
2364	Gridded	2.89E-03	5.37E-04	2.89E-03	5.35E-04	2.93E-03	5.71E-04	2.93E-03	5.71E-04	1.74E-04	3.20E-05	2.89E-03	5.35E-04	3.27E-03	6.81E-04	3.27E-03	6.81E-04	2.89E-03	5.37E-04	2.93E-03	5.71E-04	2.90E-03	5.41E-04	2.89E-03	5.36E-04	2.89E-03	5.39E-04	2.89E-03	5.37E-04	2.01E-01	2.77E-02	1.55E+00	2.98E-01
2365	Gridded	2.85E-03	4.85E-04	2.84E-03	4.83E-04	3.08E-03	5.16E-04	3.08E-03	5.16E-04	2.14E-04	2.98E-05	2.84E-03	4.83E-04	3.82E-03	6.16E-04	3.82E-03	6.16E-04	2.85E-03	4.85E-04	3.08E-03	5.16E-04	2.88E-03	4.89E-04	2.85E-03	4.84E-04	2.87E-03	4.87E-04	2.85E-03	4.85E-04	2.22E-01	2.69E-02	1.53E+00	2.98E-01
2366	Gridded	3.33E-03	4.55E-04	3.32E-03	4.53E-04	3.51E-03	4.81E-04	3.51E-03	4.81E-04	2.22E-04	2.40E-05	3.32E-03	4.54E-04	4.09E-03	5.63E-04	4.09E-03	5.63E-04	3.33E-03	4.55E-04	3.51E-03	4.81E-04	3.36E-03	4.58E-04	3.33E-03	4.55E-04	3.34E-03	4.57E-04	3.34E-03	4.55E-04	2.53E-01	2.58E-02	1.78E+00	2.78E-01
2367	Gridded	2.61E-03	4.24E-04	2.60E-03	4.22E-04	2.82E-03	4.50E-04	2.82E-03	4.50E-04	3.25E-04	2.57E-05	2.60E-03	4.23E-04	3.51E-03	5.35E-04	3.51E-03	5.35E-04	2.61E-03	4.24E-04	2.82E-03	4.50E-04	2.64E-03	4.27E-04	2.61E-03	4.23E-04	2.62E-03	4.26E-04	2.61E-03	4.24E-04	3.01E-01	3.43E-02	1.54E+00	2.48E-01
2368	Gridded	3.22E-03	5.01E-04	3.21E-03	4.99E-04	3.41E-03	5.33E-04	3.41E-03	5.33E-04	2.13E-04	2.96E-05	3.21E-03	4.99E-04	4.01E-03	6.35E-04	4.01E-03	6.35E-04	3.22E-03	5.01E-04	3.41E-03	5.33E-04	3.24E-03	5.05E-04	3.21E-03	5.01E-04	3.23E-03	5.03E-04	3.22E-03	5.02E-04	2.08E-01	2.32E-02	1.86E+00	2.78E-01
2369	Gridded	3.08E-03	5.01E-04	3.07E-03	4.99E-04	3.23E-03	5.37E-04	3.23E-03	5.37E-04	1.46E-04	3.36E-05	3.07E-03	4.99E-04	3.74E-03	6.53E-04	3.74E-03	6.53E-04	3.08E-03	5.01E-04	3.23E-03	5.37E-04	3.10E-03	5.05E-04	3.08E-03	5.00E-04	3.09E-03	5.03E-04	3.08E-03	5.01E-04	1.60E-01	2.41E-02	1.53E+00	2.97E-01
2370	Gridded	3.49E-03	5.86E-04	3.48E-03	5.84E-04	3.70E-03	6.23E-04	3.70E-03	6.23E-04	1.98E-04	3.50E-05	3.48E-03	5.84E-04	4.39E-03	7.44E-04	4.39E-03	7.44E-04	3.49E-03	5.86E-04	3.70E-03	6.23E-04	3.52E-03	5.91E-04	3.49E-03	5.85E-04	3.50E-03	5.88E-04	3.49E-03	5.86E-04	1.82E-01	3.07E-02	1.75E+00	3.57E-01
2371	Gridded	2.62E-03	4.83E-04	2.60E-03	4.81E-04	2.86E-03	5.12E-04	2.86E-03	5.12E-04	2.23E-04	2.96E-05	2.61E-03	4.81E-04	3.63E-03	6.05E-04	3.63E-03	6.05E-04	2.62E-03	4.83E-04	2.86E-03	5.12E-04	2.65E-03	4.87E-04	2.61E-03	4.82E-04	2.63E-03	4.85E-04	2.62E-03	4.83E-04	2.35E-01	3.42E-02	1.48E+00	3.00E-01
2372	Gridded	2.17E-03	6.32E-04	2.16E-03	6.29E-04	2.31E-03	6.73E-04	2.31E-03	6.73E-04	1.72E-04	3.89E-05	2.16E-03	6.30E-04	2.75E-03	8.07E-04	2.75E-03	8.07E-04	2.17E-03	6.32E-04	2.31E-03	6.73E-04	2.19E-03	6.37E-04	2.17E-03	6.31E-04	2.18E-03	6.34E-04	2.17E-03	6.33E-04	2.32E-01	2.95E-02	1.27E+00	3.79E-01
2373	Gridded	2.20E-03	6.33E-04	2.19E-03	6.31E-04	2.36E-03	6.72E-04	2.36E-03	6.72E-04	1.45E-04	3.65E-05	2.20E-03	6.31E-04	2.86E-03	7.98E-04	2.86E-03	7.98E-04	2.20E-03	6.33E-04	2.36E-03	6.72E-04	2.22E-03	6.38E-04	2.20E-03	6.32E-04	2.21E-03	6.36E-04	2.21E-03	6.34E-04	1.38E-01	3.22E-02	1.21E+00	3.71E-01
2374	Gridded	2.35E-03	6.65E-04	2.33E-03	6.62E-04	2.51E-03	7.10E-04	2.51E-03	7.10E-04	1.53E-04	4.18E-05	2.34E-03	6.63E-04	3.04E-03	8.54E-04	3.04E-03	8.54E-04	2.35E-03	6.65E-04	2.51E-03	7.10E-04	2.37E-03	6.71E-04	2.34E-03	6.64E-04	2.36E-03	6.68E-04	2.35E-03	6.66E-04	1.27E-01	2.43E-02	1.29E+00	3.83E-01
2375	Gridded	3.44E-03	6.87E-04	3.43E-03	6.84E-04	3.59E-03	7.29E-04	3.59E-03	7.29E-04	1.47E-04	3.93E-05	3.43E-03	6.85E-04	4.05E-03	8.64E-04	4.05E-03	8.64E-04	3.44E-03	6.87E-04	3.59E-03	7.29E-04	3.46E-03	6.92E-04	3.44E-03	6.86E-04	3.45E-03	6.90E-04	3.44E-03	6.88E-04	1.25E-01	2.96E-02	1.82E+00	3.99E-01
2376	Gridded	3.81E-03	5.48E-04	3.80E-03	5.46E-04	3.92E-03	5.78E-04	3.92E-03	5.78E-04	2.83E-04	3.52E-05	3.80E-03	5.47E-04	4.32E-03	6.75E-04	4.32E-03	6.75E-04	3.81E-03	5.49E-04	3.92E-03	5.78E-04	3.82E-03	5.52E-04	3.81E-03	5.48E-04	3.82E-03	5.50E-04	3.81E-03	5.49E-04	1.36E-01	3.17E-02	2.01E+00	3.36E-01
2377	Gridded	3.70E-03	5.62E-04	3.69E-03	5.59E-04	3.95E-03	6.05E-04	3.95E-03	6.05E-04	3.83E-04	4.02E-05	3.69E-03	5.60E-04	5.24E-03	7.44E-04	5.24E-03	7.44E-04	3.70E-03	5.62E-04	3.95E-03	6.05E-04	3.73E-03	5.68E-04	3.70E-03	5.61E-04	3.72E-03	5.65E-04	3.71E-03	5.63E-04	1.32E-01	3.13E-02	1.92E+00	3.07E-01
2378	Gridded	4.24E-03	4.90E-04	4.22E-03	4.88E-04	4.51E-03	5.21E-04	4.51E-03	5.21E-04	3.13E-04	3.19E-05	4.23E-03	4.89E-04	5.40E-03	6.30E-04	5.40E-03	6.30E-04	4.24E-03	4.90E-04	4.51E-03	5.21E-04	4.28E-03	4.94E-04	4.24E-03	4.90E-04	4.26E-03	4.92E-04	4.24E-03	4.91E-04	2.42E-01	3.62E-02	2.24E+00	2.91E-01
2379	Gridded	3.48E-03	5.96E-04	3.46E-03	5.93E-04	3.73E-03	6.31E-04	3.73E-03	6.31E-04	2.42E-04	3.31E-05	3.47E-03	5.94E-04	4.54E-03	7.45E-04	4.54E-03	7.45E-04	3.48E-03	5.96E-04	3.73E-03	6.31E-04	3.51E-03	6.00E-04	3.48E-03	5.95E-04	3.50E-03	5.98E-04	3.48E-03	5.96E-04	3.80E-01	3.17E-02	1.90E+00	3.42E-01
2380	Gridded	4.67E-03	5.82E-04	4.66E-03	5.80E-04	4.86E-03	6.16E-04	4.86E-03	6.16E-04	2.87E-04	3.38E-05	4.66E-03	5.80E-04	5.48E-03	7.26E-04	5.48E-03	7.26E-04	4.67E-03	5.82E-04	4.86E-03	6.16E-04	4.70E-03	5.86E-04	4.67E-03	5.81E-04	4.68E-03	5.84E-04	4.67E-03	5.83E-04	4.41E-01	3.30E-02	2.55E+00	3.45E-01
2381	Gridded	3.41E-03	4.88E-04	3.40E-03	4.86E-04	3.59E-03	5.20E-04	3.59E-03	5.20E-04	2.29E-04	3.01E-05	3.40E-03	4.86E-04	4.19E-03	6.23E-04	4.19E-03	6.23E-04	3.41E-03	4.88E-04	3.59E-03	5.20E-04	3.43E-03	4.92E-04	3.40E-03	4.87E-04	3.42E-03	4.90E-04	3.41E-03	4.88E-04	3.24E-01	2.96E-02	1.80E+00	2.96E-01
2382	Gridded	4.18E-03	5.02E-04	4.18E-03	5.00E-04	4.18E-03	5.31E-04	4.18E-03	5.31E-04	2.23E-04	3.12E-05	4.18E-03	5.00E-04	4.18E-03	6.35E-04	4.18E-03	6.35E-04	4.18E-03	5.02E-04	4.18E-03	5.31E-04	4.18E-03	5.05E-04	4.18E-03	5.01E-04	4.18E-03	5.03E-04	4.18E-03	5.02E-04	1.67E-01	2.83E-02	2.42E+00	2.96E-01
2383	Gridded	3.64E-03	5.21E-04	3.64E-03	5.19E-04	3.89E-03	5.52E-04	3.89E-03	5.52E-04	2.55E-04	3.03E-05	3.64E-03	5.19E-04	4.78E-03	6.53E-04	4.78E-03	6.53E-04	3.64E-03	5.21E-04	3.89E-03	5.52E-04	3.66E-03	5.25E-04	3.64E-03	5.20E-04	3.64E-03	5.23E-04	3.64E-03	5.21E-04	2.00E-01	2.73E-02	2.19E+00	3.16E-01
2384	Gridded	3.72E-03	7.23E-04	3.71E-03	7.20E-04	3.97E-03	7.68E-04	3.97E-03	7.68E-04	2.51E-04	4.24E-05	3.71E-03	7.20E-04	4.79E-03	9.14E-04	4.79E-03	9.14E-04	3.72E-03	7.23E-04	3.97E-03	7.68E-04	3.75E-03	7.28E-04	3.72E-03	7.22E-04	3.74E-03	7.25E-04	3.73E-03	7.23E-04	1.95E-01	2.80E-02	2.13E+00	4.12E-01
2385	Gridded	4.82E-03	7.46E-04	4.80E-03	7.43E-04	5.06E-03	7.91E-04	5.06E-03	7.91E-04	2.32E-04	4.28E-05	4.81E-03	7.43E-04	5.86E-03	9.39E-04	5.86E-03	9.39E-04	4.82E-03	7.46E-04	5.06E-03	7.91E-04	4.85E-03	7.51E-04	4.81E-03	7.45E-04	4.83E-03	7.48E-04	4.82E-03	7.46E-04	2.10E-01	2.39E-02	2.62E+00	4.31E-01
2386	Gridded	3.60E-03	6.37E-04	3.59E-03	6.34E-04	3.74E-03	6.73E-04	3.74E-03	6.73E-04	2.22E-04	3.41E-05	3.59E-03	6.35E-04	4.48E-03	7.90E-04	4.48E-03	7.90E-04	3.60E-03	6.37E-04	3.74E-03	6.73E-04	3.62E-03	6.41E-04	3.60E-03	6.36E-04	3.61E-03	6.39E-04	3.60E-03	6.37E-04	2.02E-01	2.73E-02	2.03E+00	3.55E-01
2387	Gridded	3.95E-03	8.17E-04	3.93E-03	8.14E-04	4.19E-03	8.66E-04	4.19E-03	8.66E-04	2.29E-04	4.57E-05	3.94E-03	8.14E-04	4.98E-03	1.02E-03	4.98E-03	1.02E-03	3.95E-03	8.17E-04	4.19E-03	8.66E-04	3.98E-03	8.23E-04	3.95E-03	8.16E-04	3.96E-03	8.20E-04	3.95E-03	8.18E-04	1.69E-01	2.45E-02	2.28E+00	4.66E-01
2388	Gridded	4.50E-03	7.37E-04	4.48E-03	7.34E-04	4.73E-03	7.83E-04	4.73E-03	7.83E-04	2.23E-04	4.35E-05	4.48E-03	7.34E-04	5.50E-03	9.33E-04	5.50E-03	9.33E-04	4.50E-03	7.37E-04	4.73E-03	7.83E-04	4.53E-03	7.42E-04	4.49E-03	7.36E-04	4.51E-03	7.39E-04	4.50E-03	7.37E-04	1.99E-01	2.23E-02	2.42E+00	4.33E-01
2389	Gridded	4.03E-03	5.86E-04	4.01E-03	5.84E-04	4.29E-03	6.25E-04	4.29E-03	6.25E-04	3.15E-04	3.62E-05	4.02E-03	5.84E-04	5.37E-03	7.50E-04	5.37E-03	7.50E-04	4.03E-03	5.86E-04	4.29E-03	6.25E-04	4.05E-03	5.91E-04	4.02E-03	5.86E-04	4.04E-03	5.89E-04	4.03E-03	5.87E-04	1.58E-01	2.35E-02	2.45E+00	3.37E-01
2390	Gridded	4.11E-03	5.73E-04	4.10E-03	5.71E-04	4.33E-03	6.03E-04	4.33E-03	6.03E-04	3.03E-04	3.72E-05	4.10E-03	5.72E-04	5.01E-03	7.21E-04	5.01E-03	7.21E-04	4.12E-03	5.74E-04	4.33E-03	6.03E-04	4.14E-03	5.77E-04	4.11E-03	5.73E-04	4.13E-03	5.75E-04	4.12E-03	5.74E-04	1.80E-01	2.99E-02	2.48E+00	3.26E-01
2391	Gridded	4.13E-03	6.99E-04	4.11E-03	6.96E-04	4.37E-03	7.41E-04	4.37E-03	7.41E-04	2.33E-04	3.95E-05	4.11E-03	6.96E-04	5.16E-03	8.77E-04	5.16E-03	8.77E-04	4.13E-03	6.99E-04	4.37E-03	7.41E-04	4.16E-03	7.04E-04	4.12E-03	6.98E-04	4.14E-03	7.01E-04	4.13E-03	6.99E-04	1.94E-01	3.14E-02	2.21E+00	3.87E-01
2392	Gridded	3.30E-03	6.25E-04	3.28E-03	6.22E-04	3.54E-03	6.69E-04	3.54E-03	6.69E-04	2.89E-04	4.14E-05	3.29E-03	6.23E-04	4.33E-03	8.12E-04	4.33E-03	8.12E-04	3.30E-03	6.25E-04	3.54E-03	6.69E-04	3.33E-03	6.31E-04	3.29E-03	6.24E-04	3.31E-03	6.28E-04	3.30E-03	6.26E-04	1.98E-01	2.75E-02	1.78E+00	3.55E-01
2393	Gridded	3.78E-03	4.78E-04	3.76E-03	4.76E-04	4.06E-03	5.17E-04	4.06E-03	5.17E-04	3.62E-04	3.63E-05	3.76E-03	4.76E-04	4.97E-03	6.42E-04	4.97E-03	6.42E-04	3.78E-03	4.78E-04	4.06E-03	5.17E-04	3.81E-03	4.83E-04	3.77E-03	4.78E-04	3.80E-03	4.81E-04	3.78E-03	4.79E-04	2.15E-01	2.45E-02	2.18E+00	2.82E-01
2394	Gridded	3.87E-03	4.48E-04	3.85E-03	4.46E-04	4.23E-03	4.75E-04	4.23E-03	4.75E-04	3.80E-04	3.59E-05	3.85E-03	4.46E-04	5.40E-03	5.81E-04	5.40E-03	5.81E-04	3.87E-03	4.48E-04	4.23E-03	4.75E-04	3.91E-03	4.51E-04	3.86E-03	4.47E-04	3.89E-03	4.49E-04	3.87E-03	4.48E-04	2.23E-01	2.59E-02	2.35E+00	2.62E-01
2395	Gridded	4.25E-03	3.61E-04	4.23E-03	3.59E-04	4.49E-03	3.91E-04	4.49E-03	3.91E-04	3.09E-04	3.18E-05	4.23E-03	3.59E-04	5.27E-03	5.01E-04	5.27E-03	5.01E-04	4.25E-03	3.61E-04	4.49E-03	3.91E-04	4.28E-03	3.64E-04	4.24E-03	3.60E-04	4.26E-03	3.62E-04	4.25E-03	3.61E-04	2.46E-01	2.23E-02	2.28E+00	2.28E-01
2396	Gridded	4.42E-03	3.23E-04	4.40E-03	3.22E-04	4.72E-03	3.46E-04	4.72E-03	3.46E-04	2.87E-04	2.89E-05	4.40E-03	3.22E-04	5.71E-03	4.45E-04	5.71E-03	4.45E-04	4.42E-03	3.23E-04	4.72E-03	3.46E-04	4.46E-03	3.26E-04	4.41E-03	3.23E-04	4.44E-03	3.25E-04	4.42E-03	3.24E-04	2.89E-01	2.37E-02	2.41E+00	2.08E-01
2397	Gridded	3.30E-03	2.72E-04	3.28E-03	2.71E-04	3.59E-03	2.89E-04	3.59E-03	2.89E-04	2.71E-04	2.28E-05	3.28E-03	2.72E-04	4.52E-03	3.41E-04	4.52E-03	3.41E-04	3.30E-03	2.72E-04	3.59E-03	2.89E-04	3.33E-03	2.74E-04	3.29E-03	2.72E-04	3.31E-03	2.73E-04	3.30E-03	2.73E-04	2.57E-01	2.17E-02	1.87E+00	1.60E-01
2398	Gridded	4.84E-03	8.11E-04	4.84E-03	8.10E-04	4.84E-03	8.25E-04	4.84E-03	8.25E-04	2.36E-04	4.15E-05	4.84E-03	8.10E-04	4.87E-03	8.71E-04	4.87E-03	8.71E-04	4.84E-03	8.11E-04	4.84E-03	8.25E-04	4.84E-03	8.12E-04	4.84E-03	8.10E-04	4.84E-03	8.11E-04	4.84E-03	8.11E-04	1.78E-01	3.13E-02	2.57E+00	4.33E-01
2399	Gridded	4.40E-03	6.13E-04	4.40E-03	6.12E-04	4.40E-03	6.22E-04	4.40E-03	6.22E-04	2.05E-04	4.09E-05	4.40E-03	6.12E-04	4.41E-03	7.33E-04	4.41E-03	7.33E-04	4.40E-03	6.13E-04	4.40E-03	6.22E-04	4.40E-03	6.14E-04	4.40E-03	6.13E-04	4.40E-03	6.13E-04	4.40E-03	6.13E-04	1.82E-01	2.84E-02	2.32E+00	3.41E-01
2400	Gridded	5.19E-03	5.30E-04	5.19E-03	5.29E-04	5.22E-03	5.46E-04	5.22E-03	5.46E-04	2.23E-04	3.95E-05	5.19E-03	5.29E-04	5.32E-03	6.22E-04	5.32E-03	6.22E-04	5.19E-03	5.30E-04	5.22E-03	5.46E-04	5.20E-03	5.32E-04	5.19E-03	5.30E-04	5.19E-03	5.31E-04	5.19E-03	5.30E-04	1.94E-01	3.84E-02	2.74E+00	3.19E-01
2401	Gridded	3.86E-03	7.24E-04	3.85E-03	7.22E-04	3.96E-03	7.56E-04	3.96E-03	7.56E-04	1.92E-04	3.48E-05	3.85E-03	7.22E-04	4.29E-03	8.59E-04	4.29E-03	8.59E-04	3.86E-03	7.24E-04	3.96E-03	7.56E-04	3.87E-03	7.28E-04	3.86E-03	7.23E-04	3.87E-03	7.26E-04	3.86E-03	7.24E-04	1.43E-01	4.59E-02	2.05E+00	3.90E-01
2402	Gridded	4.71E-03	1.01E-03	4.69E-03	1.01E-03	5.01E-03	1.07E-03	5.01E-03	1.07E-03	3.21E-04	5.77E-05	4.70E-03	1.01E-03	5.95E-03	1.27E-03	5.95E-03	1.27E-03	4.72E-03	1.01E-03	5.01E-03	1.07E-03	4.75E-03	1.02E-03	4.71E-03	1.01E-03	4.73E-03	1.01E-03	4.72E-03	1.01E-03	1.88E-01	5.83E-02	2.51E+00	5.43E-01
2403	Gridded	3.13E-03	6.84E-04	3.13E-03	6.80E-04	3.34E-03	7.39E-04	3.34E-03	7.39E-04	3.48E-04	5.14E-05	3.13E-03	6.81E-04	4.19E-03	9.16E-04	4.19E-03	9.16E-04	3.13E-03	6.84E-04	3.34E-03	7.39E-04	3.13E-03	6.91E-04	3.13E-03	6.83E-04	3.13E-03	6.87E-04	3.13E-03	6.85E-04	2.11E-01	5.12E-02	1.79E+00	3.69E-01
2404	Gridded	5.87E-03	8.68E-04	5.87E-03	8.64E-04	5.89E-03	9.24E-04	5.89E-03	9.24E-04	3.19E-04	5.27E-05	5.87E-03	8.65E-04	5.94E-03	1.11E-03	5.94E-03	1.11E-03	5.87E-03	8.68E-04	5.89E-03	9.24E-04	5.88E-03	8.75E-04	5.87E-03	8.67E-04	5.87E-03	8.71E-04	5.87E-03	8.69E-04	2.14E-01	4.51E-02	3.12E+00	4.82E-01
2405	Gridded	6.87E-03	8.73E-04	6.87E-03	8.69E-04	6.92E-03	9.27E-04	6.92E-03	9.27E-04	2.43E-04	5.12E-05	6.87E-03	8.70E-04	7.06E-03	1.10E-03	7.06E-03	1.10E-03	6.87E-03	8.73E-04	6.92E-03	9.27E-04	6.88E-03	8.80E-04	6.87E-03	8.72E-04	6.87E-03	8.76E-04	6.87E-03	8.74E-04	2.46E-01	2.74E-02	3.65E+00	4.92E-01
2406	Gridded	4.00E-03	7.11E-04	3.99E-03	7.08E-04	4.11E-03	7.53E-04	4.11E-03	7.53E-04	3.48E-04	3.93E-05	3.99E-03	7.09E-04	4.46E-03	8.88E-04	4.46E-03	8.88E-04	4.00E-03	7.11E-04	4.11E-03	7.53E-04	4.01E-03	7.16E-04	4.00E-03	7.10E-04	4.00E-03	7.14E-04	4.00E-03	7.12E-04	1.73E-01	2.88E-02	2.12E+00	4.24E-01
2407	Gridded	4.84E-03	8.52E-04	4.82E-03	8.50E-04	5.20E-03	8.92E-04	5.20E-03	8.92E-04	3.39E-04	3.90E-05	4.82E-03	8.50E-04	6.37E-03	1.02E-03	6.37E-03	1.02E-03	4.85E-03	8.52E-04	5.20E-03	8.92E-04	4.89E-03	8.57E-04	4.84E-03	8.51E-04	4.87E-03	8.55E-04	4.85E-03	8.53E-04	2.07E-01	4.27E-02	2.89E+00	4.72E-01
2408	Gridded	5.00E-03	8.18E-04	4.99E-03	8.14E-04	5.11E-03	8.74E-04	5.11E-03	8.74E-04	2.14E-04	5.27E-05	4.99E-03	8.15E-04	5.48E-03	1.06E-03	5.48E-03	1.06E-03	5.00E-03	8.18E-04	5.11E-03	8.74E-04	5.01E-03	8.25E-04	4.99E-03	8.17E-04	5.00E-03	8.21E-04	5.00E-03	8.19E-04	1.84E-01	4.65E-02	2.98E+00	4.52E-01
2409	Gridded	2.81E-03	6.74E-04	2.81E-03	6.71E-04	2.96E-03	7.17E-04	2.96E-03	7.17E-04	2.22E-04	4.52E-05	2.81E-03	6.72E-04	3.62E-03	8.57E-04	3.62E-03	8.57E-04	2.81E-03	6.74E-04	2.96E-03	7.17E-04	2.81E-03	6.80E-04	2.81E-03	6.73E-04	2.81E-03	6.77E-04	2.81E-03	6.75E-04	1.89E-01	4.97E-02	1.65E+00	4.01E-01
2410	Gridded	4.04E-03	6.67E-04	4.03E-03	6.64E-04	4.28E-03	7.05E-04	4.28E-03	7.05E-04	2.24E-04	3.60E-05	4.03E-03	6.65E-04	5.05E-03	8.29E-04	5.05E-03	8.29E-04	4.04E-03	6.67E-04	4.28E-03	7.05E-04	4.07E-03	6.72E-04	4.04E-03	6.66E-04	4.06E-03	6.69E-04	4.05E-03	6.67E-04	2.26E-01	4.38E-02	2.16E+00	4.09E-01
2411	Gridded	3.14E-03	5.19E-04	3.13E-03	5.17E-04	3.22E-03	5.43E-04	3.22E-03	5.43E-04	2.32E-04	2.50E-05	3.13E-03	5.18E-04	3.67E-03	6.21E-04	3.67E-03	6.21E-04	3.14E-03	5.19E-04	3.22E-03	5.43E-04	3.15E-03	5.22E-04	3.14E-03	5.18E-04	3.14E-03	5.20E-04	3.14E-03	5.19E-04	1.65E-01	2.79E-02	1.68E+00	3.08E-01
2412	Gridded	4.28E-03	5.09E-04	4.26E-03	5.07E-04	4.55E-03	5.45E-04	4.55E-03	5.45E-04	2.56E-04	3.35E-05	4.26E-03	5.07E-04	5.43E-03	6.61E-04	5.43E-03	6.61E-04	4.28E-03	5.10E-04	4.55E-03	5.45E-04	4.31E-03	5.14E-04	4.27E-03	5.09E-04	4.29E-03	5.12E-04	4.28E-03	5.10E-04	1.94E-01	3.90E-02	2.28E+00	3.10E-01
2413	Gridded	4.75E-03	5.18E-04	4.74E-03	5.15E-04	4.93E-03	5.54E-04	4.93E-03	5.54E-04	3.41E-04	3.45E-05	4.74E-03	5.16E-04	5.51E-03	6.73E-04	5.51E-03	6.73E-04	4.75E-03	5.18E-04	4.93E-03	5.54E-04	4.77E-03	5.22E-04	4.75E-03	5.17E-04	4.76E-03	5.20E-04	4.75E-03	5.18E-04	2.10E-01	3.55E-02	2.70E+00	3.24E-01
2414	Gridded	3.89E-03	5.39E-04	3.87E-03	5.37E-04	4.13E-03	5.72E-04	4.13E-03	5.72E-04	2.22E-04	3.12E-05	3.88E-03	5.37E-04	4.89E-03	6.80E-04	4.89E-03	6.80E-04	3.89E-03	5.39E-04	4.13E-03	5.72E-04	3.92E-03	5.43E-04	3.89E-03	5.39E-04	3.90E-03	5.41E-04	3.89E-03	5.40E-04	2.15E-01	3.31E-02	2.08E+00	2.95E-01
2415	Gridded	4.76E-03	5.54E-04	4.75E-03	5.51E-04	4.90E-03	5.89E-04	4.90E-03	5.89E-04	2.21E-04	3.31E-05	4.75E-03	5.52E-04	5.36E-03	7.03E-04	5.36E-03	7.03E-04	4.76E-03	5.54E-04	4.90E-03	5.89E-04	4.77E-03	5.58E-04	4.75E-03	5.53E-04	4.77E-03	5.56E-04	4.76E-03	5.54E-04	2.07E-01	2.59E-02	2.54E+00	3.11E-01
2416	Gridded	3.06E-03	4.67E-04	3.05E-03	4.65E-04	3.11E-03	4.95E-04	3.11E-03	4.95E-04	2.95E-04	2.92E-05	3.05E-03	4.65E-04	3.69E-03	5.95E-04	3.69E-03	5.95E-04	3.06E-03	4.67E-04	3.11E-03	4.95E-04	3.06E-03	4.70E-04	3.06E-03	4.66E-04	3.06E-03	4.68E-04	3.06E-03	4.67E-04	2.05E-01	2.59E-02	1.66E+00	2.87E-01
2417	Gridded	2.53E-03	3.91E-04	2.52E-03	3.89E-04	2.74E-03	4.12E-04	2.74E-03	4.12E-04	1.97E-04	1.99E-05	2.52E-03	3.90E-04	3.42E-03	4.81E-04	3.42E-03	4.81E-04	2.53E-03	3.91E-04	2.74E-03	4.12E-04	2.56E-03	3.94E-04	2.53E-03	3.90E-04	2.54E-03	3.92E-04	2.53E-03	3.91E-04	2.21E-01	2.58E-02	1.35E+00	2.37E-01
2418	Gridded	2.17E-03	3.91E-04	2.16E-03	3.90E-04	2.35E-03	4.15E-04	2.35E-03	4.15E-04	1.99E-04	2.21E-05	2.16E-03	3.90E-04	2.92E-03	4.91E-04	2.92E-03	4.91E-04	2.17E-03	3.91E-04	2.35E-03	4.15E-04	2.19E-03	3.94E-04	2.16E-03	3.91E-04	2.18E-03	3.93E-04	2.17E-03	3.92E-04	2.20E-01	2.77E-02	1.22E+00	2.29E-01
2419	Gridded	2.61E-03	4.28E-04	2.60E-03	4.26E-04	2.74E-03	4.56E-04	2.74E-03	4.56E-04	1.52E-04	2.58E-05	2.60E-03	4.27E-04	3.19E-03	5.44E-04	3.19E-03	5.44E-04	2.61E-03	4.28E-04	2.74E-03	4.56E-04	2.62E-03	4.32E-04	2.60E-03	4.28E-04	2.62E-03	4.30E-04	2.61E-03	4.29E-04	1.39E-01	1.81E-02	1.54E+00	2.38E-01
2420	Gridded	3.10E-03	5.05E-04	3.09E-03	5.02E-04	3.26E-03	5.40E-04	3.26E-03	5.40E-04	1.47E-04	3.31E-05	3.09E-03	5.03E-04	3.77E-03	6.54E-04	3.77E-03	6.54E-04	3.10E-03	5.05E-04	3.26E-03	5.40E-04	3.12E-03	5.09E-04	3.10E-03	5.04E-04	3.11E-03	5.07E-04	3.10E-03	5.05E-04	1.53E-01	2.52E-02	1.53E+00	3.00E-01
2421	Gridded	3.33E-03	5.09E-04	3.31E-03	5.07E-04	3.54E-03	5.41E-04	3.54E-03	5.41E-04	1.96E-04	2.98E-05	3.32E-03	5.07E-04	4.21E-03	6.43E-04	4.21E-03	6.43E-04	3.33E-03	5.09E-04	3.54E-03	5.41E-04	3.35E-03	5.13E-04	3.32E-03	5.08E-04	3.34E-03	5.11E-04	3.33E-03	5.09E-04	1.49E-01	2.53E-02	1.66E+00	3.11E-01
2422	Gridded	2.41E-03	4.15E-04	2.39E-03	4.13E-04	2.64E-03	4.40E-04	2.64E-03	4.40E-04	2.16E-04	2.64E-05	2.39E-03	4.14E-04	3.38E-03	5.21E-04	3.38E-03	5.21E-04	2.41E-03	4.15E-04	2.64E-03	4.40E-04	2.43E-03	4.18E-04	2.40E-03	4.15E-04	2.42E-03	4.17E-04	2.41E-03	4.15E-04	1.86E-01	2.37E-02	1.21E+00	2.57E-01
2423	Gridded	2.00E-03	5.85E-04	1.99E-03	5.82E-04	2.12E-03	6.23E-04	2.12E-03	6.23E-04	1.66E-04	3.57E-05	1.99E-03	5.83E-04	2.53E-03	7.46E-04	2.53E-03	7.46E-04	2.00E-03	5.85E-04	2.12E-03	6.23E-04	2.02E-03	5.90E-04	2.00E-03	5.84E-04	2.01E-03	5.87E-04	2.00E-03	5.85E-04	2.01E-01	2.52E-02	1.17E+00	3.50E-01
2424	Gridded	1.95E-03	5.77E-04	1.94E-03	5.75E-04	2.09E-03	6.13E-04	2.09E-03	6.13E-04	1.28E-04	3.34E-05	1.94E-03	5.76E-04	2.53E-03	7.28E-04	2.53E-03	7.28E-04	1.95E-03	5.78E-04	2.09E-03	6.13E-04	1.97E-03	5.82E-04	1.95E-03	5.77E-04	1.96E-03	5.80E-04	1.95E-03	5.78E-04	1.21E-01	2.94E-02	1.14E+00	3.38E-01
2425	Gridded	2.02E-03	5.84E-04	2.01E-03	5.81E-04	2.14E-03	6.23E-04	2.14E-03	6.23E-04	1.44E-04	3.66E-05	2.01E-03	5.82E-04	2.55E-03	7.49E-04	2.55E-03	7.49E-04	2.02E-03	5.84E-04	2.14E-03	6.23E-04	2.03E-03	5.89E-04	2.01E-03	5.83E-04	2.02E-03	5.86E-04	2.02E-03	5.84E-04	1.01E-01	2.22E-02	1.19E+00	3.36E-01
2426	Gridded	2.93E-03	5.91E-04	2.92E-03	5.88E-04	3.09E-03	6.27E-04	3.09E-03	6.27E-04	1.47E-04	3.43E-05	2.92E-03	5.89E-04	3.60E-03	7.45E-04	3.60E-03	7.45E-04	2.93E-03	5.91E-04	3.09E-03	6.27E-04	2.95E-03	5.95E-04	2.93E-03	5.90E-04	2.94E-03	5.93E-04	2.93E-03	5.91E-04	1.03E-01	2.22E-02	1.55E+00	3.43E-01
2427	Gridded	3.72E-03	4.98E-04	3.71E-03	4.96E-04	3.84E-03	5.25E-04	3.84E-03	5.25E-04	1.89E-04	2.92E-05	3.71E-03	4.96E-04	4.23E-03	6.15E-04	4.23E-03	6.15E-04	3.72E-03	4.98E-04	3.84E-03	5.25E-04	3.73E-03	5.01E-04	3.72E-03	4.97E-04	3.73E-03	5.00E-04	3.72E-03	4.98E-04	1.10E-01	2.63E-02	1.96E+00	3.01E-01
2428	Gridded	3.67E-03	4.54E-04	3.65E-03	4.51E-04	3.92E-03	4.89E-04	3.92E-03	4.89E-04	3.41E-04	3.37E-05	3.65E-03	4.52E-04	4.73E-03	6.06E-04	4.73E-03	6.06E-04	3.67E-03	4.54E-04	3.92E-03	4.89E-04	3.70E-03	4.58E-04	3.66E-03	4.53E-04	3.68E-03	4.56E-04	3.67E-03	4.54E-04	1.21E-01	2.75E-02	1.93E+00	2.47E-01
2429	Gridded	3.99E-03	4.62E-04	3.97E-03	4.60E-04	4.26E-03	4.95E-04	4.26E-03	4.95E-04	2.54E-04	3.04E-05	3.98E-03	4.61E-04	5.14E-03	5.99E-04	5.14E-03	5.99E-04	3.99E-03	4.62E-04	4.26E-03	4.95E-04	4.02E-03	4.66E-04	3.99E-03	4.62E-04	4.01E-03	4.64E-04	3.99E-03	4.63E-04	1.73E-01	3.30E-02	2.11E+00	2.64E-01
2430	Gridded	4.07E-03	5.21E-04	4.05E-03	5.19E-04	4.36E-03	5.51E-04	4.36E-03	5.51E-04	2.67E-04	2.87E-05	4.06E-03	5.19E-04	5.27E-03	6.50E-04	5.27E-03	6.50E-04	4.07E-03	5.21E-04	4.36E-03	5.51E-04	4.11E-03	5.25E-04	4.07E-03	5.20E-04	4.09E-03	5.23E-04	4.08E-03	5.21E-04	3.23E-01	3.03E-02	2.15E+00	2.98E-01
2431	Gridded	3.96E-03	5.34E-04	3.95E-03	5.32E-04	4.21E-03	5.68E-04	4.21E-03	5.68E-04	2.37E-04	3.16E-05	3.95E-03	5.32E-04	5.03E-03	6.77E-04	5.03E-03	6.77E-04	3.96E-03	5.34E-04	4.21E-03	5.68E-04	3.99E-03	5.38E-04	3.96E-03	5.33E-04	3.98E-03	5.36E-04	3.97E-03	5.34E-04	4.21E-01	3.08E-02	2.12E+00	3.28E-01
2432	Gridded	4.11E-03	5.05E-04	4.09E-03	5.03E-04	4.37E-03	5.38E-04	4.37E-03	5.38E-04	2.46E-04	3.11E-05	4.09E-03	5.03E-04	5.22E-03	6.45E-04	5.22E-03	6.45E-04	4.11E-03	5.05E-04	4.37E-03	5.38E-04	4.14E-03	5.09E-04	4.10E-03	5.05E-04	4.12E-03	5.07E-04	4.11E-03	5.06E-04	3.80E-01	2.87E-02	2.24E+00	2.97E-01
2433	Gridded	4.02E-03	4.87E-04	4.02E-03	4.85E-04	4.02E-03	5.18E-04	4.02E-03	5.18E-04	1.91E-04	2.93E-05	4.02E-03	4.86E-04	4.10E-03	6.17E-04	4.10E-03	6.17E-04	4.02E-03	4.87E-04	4.02E-03	5.18E-04	4.02E-03	4.91E-04	4.02E-03	4.87E-04	4.02E-03	4.89E-04	4.02E-03	4.88E-04	1.94E-01	2.72E-02	2.31E+00	2.76E-01
2434	Gridded	4.25E-03	4.97E-04	4.25E-03	4.95E-04	4.25E-03	5.25E-04	4.25E-03	5.25E-04	2.18E-04	2.83E-05	4.25E-03	4.95E-04	4.49E-03	6.19E-04	4.49E-03	6.19E-04	4.25E-03	4.97E-04	4.25E-03	5.25E-04	4.25E-03	5.00E-04	4.25E-03	4.96E-04	4.25E-03	4.98E-04	4.25E-03	4.97E-04	1.60E-01	2.48E-02	2.50E+00	2.87E-01
2435	Gridded	3.71E-03	5.92E-04	3.69E-03	5.90E-04	3.94E-03	6.29E-04	3.94E-03	6.29E-04	2.47E-04	3.43E-05	3.70E-03	5.90E-04	4.70E-03	7.47E-04	4.70E-03	7.47E-04	3.71E-03	5.93E-04	3.94E-03	6.29E-04	3.74E-03	5.97E-04	3.70E-03	5.92E-04	3.72E-03	5.95E-04	3.71E-03	5.93E-04	1.87E-01	2.60E-02	2.06E+00	3.34E-01
2436	Gridded	3.93E-03	6.99E-04	3.91E-03	6.96E-04	4.21E-03	7.41E-04	4.21E-03	7.41E-04	2.67E-04	4.14E-05	3.91E-03	6.97E-04	5.14E-03	8.79E-04	5.14E-03	8.79E-04	3.93E-03	6.99E-04	4.21E-03	7.41E-04	3.96E-03	7.04E-04	3.92E-03	6.98E-04	3.95E-03	7.02E-04	3.93E-03	7.00E-04	1.78E-01	2.43E-02	2.11E+00	4.01E-01
2437	Gridded	4.85E-03	6.47E-04	4.84E-03	6.44E-04	5.06E-03	6.86E-04	5.06E-03	6.86E-04	2.21E-04	3.69E-05	4.84E-03	6.44E-04	5.76E-03	8.13E-04	5.76E-03	8.13E-04	4.85E-03	6.47E-04	5.06E-03	6.86E-04	4.88E-03	6.52E-04	4.85E-03	6.46E-04	4.86E-03	6.49E-04	4.85E-03	6.47E-04	2.00E-01	2.30E-02	2.66E+00	3.79E-01
2438	Gridded	3.60E-03	6.69E-04	3.59E-03	6.67E-04	3.72E-03	7.07E-04	3.72E-03	7.07E-04	2.08E-04	3.56E-05	3.59E-03	6.67E-04	4.34E-03	8.30E-04	4.34E-03	8.30E-04	3.60E-03	6.69E-04	3.72E-03	7.07E-04	3.61E-03	6.74E-04	3.59E-03	6.69E-04	3.61E-03	6.72E-04	3.60E-03	6.70E-04	1.53E-01	2.28E-02	1.97E+00	3.75E-01
2439	Gridded	3.58E-03	7.54E-04	3.56E-03	7.51E-04	3.80E-03	8.00E-04	3.80E-03	8.00E-04	2.07E-04	4.24E-05	3.57E-03	7.52E-04	4.51E-03	9.46E-04	4.51E-03	9.46E-04	3.58E-03	7.55E-04	3.80E-03	8.00E-04	3.61E-03	7.60E-04	3.57E-03	7.53E-04	3.59E-03	7.57E-04	3.58E-03	7.55E-04	1.93E-01	1.89E-02	2.09E+00	4.33E-01
2440	Gridded	4.86E-03	6.19E-04	4.84E-03	6.17E-04	5.12E-03	6.58E-04	5.12E-03	6.58E-04	2.43E-04	3.87E-05	4.85E-03	6.17E-04	5.96E-03	7.86E-04	5.96E-03	7.86E-04	4.86E-03	6.19E-04	5.12E-03	6.58E-04	4.89E-03	6.24E-04	4.86E-03	6.18E-04	4.88E-03	6.21E-04	4.86E-03	6.20E-04	2.12E-01	2.11E-02	2.62E+00	3.68E-01
2441	Gridded	4.56E-03	5.65E-04	4.54E-03	5.62E-04	4.77E-03	6.01E-04	4.77E-03	6.01E-04	3.41E-04	3.46E-05	4.54E-03	5.63E-04	5.82E-03	7.20E-04	5.82E-03	7.20E-04	4.56E-03	5.65E-04	4.77E-03	6.01E-04	4.58E-03	5.69E-04	4.55E-03	5.64E-04	4.57E-03	5.67E-04	4.56E-03	5.65E-04	1.73E-01	2.31E-02	2.60E+00	3.27E-01
2442	Gridded	3.77E-03	5.28E-04	3.76E-03	5.26E-04	3.97E-03	5.56E-04	3.97E-03	5.56E-04	2.85E-04	3.32E-05	3.76E-03	5.26E-04	4.59E-03	6.50E-04	4.59E-03	6.50E-04	3.77E-03	5.28E-04	3.97E-03	5.56E-04	3.80E-03	5.31E-04	3.77E-03	5.27E-04	3.78E-03	5.29E-04	3.78E-03	5.28E-04	1.64E-01	2.72E-02	2.23E+00	2.90E-01
2443	Gridded	3.59E-03	6.24E-04	3.57E-03	6.21E-04	3.80E-03	6.62E-04	3.80E-03	6.62E-04	2.18E-04	3.56E-05	3.58E-03	6.22E-04	4.47E-03	7.85E-04	4.47E-03	7.85E-04	3.59E-03	6.24E-04	3.80E-03	6.62E-04	3.61E-03	6.28E-04	3.58E-03	6.23E-04	3.60E-03	6.26E-04	3.59E-03	6.24E-04	1.78E-01	2.79E-02	1.92E+00	3.46E-01
2444	Gridded	3.85E-03	6.71E-04	3.83E-03	6.68E-04	4.12E-03	7.18E-04	4.12E-03	7.18E-04	2.70E-04	4.38E-05	3.84E-03	6.69E-04	4.98E-03	8.69E-04	4.98E-03	8.69E-04	3.85E-03	6.71E-04	4.12E-03	7.18E-04	3.88E-03	6.77E-04	3.84E-03	6.70E-04	3.87E-03	6.74E-04	3.85E-03	6.72E-04	1.89E-01	2.60E-02	2.07E+00	3.79E-01
2445	Gridded	4.37E-03	5.11E-04	4.35E-03	5.08E-04	4.67E-03	5.52E-04	4.67E-03	5.52E-04	3.54E-04	3.85E-05	4.35E-03	5.09E-04	5.67E-03	6.85E-04	5.67E-03	6.85E-04	4.37E-03	5.11E-04	4.67E-03	5.52E-04	4.41E-03	5.16E-04	4.36E-03	5.10E-04	4.39E-03	5.14E-04	4.37E-03	5.12E-04	2.09E-01	2.46E-02	2.47E+00	2.98E-01
2446	Gridded	4.36E-03	4.73E-04	4.34E-03	4.71E-04	4.68E-03	5.09E-04	4.68E-03	5.09E-04	3.91E-04	3.56E-05	4.35E-03	4.71E-04	5.70E-03	6.24E-04	5.70E-03	6.24E-04	4.36E-03	4.73E-04	4.68E-03	5.09E-04	4.40E-03	4.77E-04	4.36E-03	4.72E-04	4.38E-03	4.75E-04	4.37E-03	4.73E-04	2.22E-01	2.62E-02	2.59E+00	2.79E-01
2447	Gridded	4.10E-03	3.66E-04	4.09E-03	3.65E-04	4.31E-03	3.94E-04	4.31E-03	3.94E-04	3.07E-04	3.18E-05	4.09E-03	3.65E-04	4.97E-03	4.91E-04	4.97E-03	4.91E-04	4.10E-03	3.67E-04	4.31E-03	3.94E-04	4.13E-03	3.70E-04	4.10E-03	3.66E-04	4.11E-03	3.68E-04	4.10E-03	3.67E-04	2.31E-01	2.11E-02	2.20E+00	2.20E-01
2448	Gridded	4.13E-03	3.05E-04	4.11E-03	3.04E-04	4.39E-03	3.26E-04	4.39E-03	3.26E-04	2.47E-04	2.73E-05	4.12E-03	3.04E-04	5.24E-03	4.18E-04	5.24E-03	4.18E-04	4.13E-03	3.05E-04	4.39E-03	3.26E-04	4.16E-03	3.08E-04	4.13E-03	3.05E-04	4.15E-03	3.06E-04	4.14E-03	3.05E-04	2.48E-01	2.16E-02	2.24E+00	1.94E-01
2449	Gridded	4.54E-03	5.73E-04	4.54E-03	5.73E-04	4.54E-03	5.82E-04	4.54E-03	5.82E-04	2.10E-04	4.02E-05	4.54E-03	5.73E-04	4.54E-03	7.06E-04	4.54E-03	7.06E-04	4.54E-03	5.73E-04	4.54E-03	5.82E-04	4.54E-03	5.74E-04	4.54E-03	5.73E-04	4.54E-03	5.74E-04	4.54E-03	5.73E-04	1.72E-01	2.81E-02	2.39E+00	3.29E-01
2450	Gridded	4.22E-03	4.66E-04	4.22E-03	4.65E-04	4.25E-03	4.81E-04	4.25E-03	4.81E-04	1.99E-04	3.11E-05	4.22E-03	4.65E-04	4.35E-03	5.28E-04	4.35E-03	5.28E-04	4.22E-03	4.66E-04	4.25E-03	4.81E-04	4.22E-03	4.68E-04	4.22E-03	4.66E-04	4.22E-03	4.67E-04	4.22E-03	4.66E-04	1.64E-01	3.41E-02	2.23E+00	2.53E-01
2451	Gridded	3.26E-03	6.50E-04	3.26E-03	6.48E-04	3.36E-03	6.79E-04	3.36E-03	6.79E-04	1.75E-04	3.08E-05	3.26E-03	6.48E-04	3.75E-03	7.72E-04	3.75E-03	7.72E-04	3.26E-03	6.50E-04	3.36E-03	6.79E-04	3.27E-03	6.53E-04	3.26E-03	6.49E-04	3.27E-03	6.51E-04	3.26E-03	6.50E-04	1.28E-01	4.16E-02	1.73E+00	3.50E-01
2452	Gridded	3.24E-03	7.23E-04	3.22E-03	7.20E-04	3.45E-03	7.68E-04	3.45E-03	7.68E-04	2.32E-04	4.21E-05	3.22E-03	7.21E-04	4.14E-03	9.13E-04	4.14E-03	9.13E-04	3.24E-03	7.23E-04	3.45E-03	7.68E-04	3.26E-03	7.29E-04	3.23E-03	7.22E-04	3.25E-03	7.26E-04	3.24E-03	7.24E-04	1.61E-01	4.62E-02	1.72E+00	3.90E-01
2453	Gridded	2.83E-03	6.12E-04	2.83E-03	6.09E-04	3.00E-03	6.61E-04	3.00E-03	6.61E-04	3.03E-04	4.57E-05	2.83E-03	6.10E-04	3.74E-03	8.19E-04	3.74E-03	8.19E-04	2.83E-03	6.13E-04	3.00E-03	6.61E-04	2.83E-03	6.18E-04	2.83E-03	6.11E-04	2.83E-03	6.15E-04	2.83E-03	6.13E-04	1.87E-01	4.55E-02	1.62E+00	3.30E-01

Scenario 2 Results

2454	Gridded	4.41E-03	6.92E-04	4.41E-03	6.89E-04	4.42E-03	7.37E-04	4.42E-03	7.37E-04	2.45E-04	4.21E-05	4.41E-03	6.90E-04	4.46E-03	8.82E-04	4.46E-03	8.82E-04	4.41E-03	6.93E-04	4.42E-03	7.37E-04	4.41E-03	6.98E-04	4.41E-03	6.91E-04	4.41E-03	6.95E-04	4.41E-03	6.93E-04	1.65E-01	3.70E-02	2.34E+00	3.87E-01
2455	Gridded	6.81E-03	8.42E-04	6.81E-03	8.39E-04	6.85E-03	8.95E-04	6.85E-03	8.95E-04	2.52E-04	4.94E-05	6.81E-03	8.39E-04	6.96E-03	1.07E-03	6.96E-03	1.07E-03	6.81E-03	8.42E-04	6.85E-03	8.95E-04	6.82E-03	8.49E-04	6.81E-03	8.41E-04	6.82E-03	8.45E-04	6.81E-03	8.43E-04	2.36E-01	2.77E-02	3.61E+00	4.72E-01
2456	Gridded	4.51E-03	7.33E-04	4.51E-03	7.30E-04	4.60E-03	7.77E-04	4.60E-03	7.77E-04	3.35E-04	4.11E-05	4.51E-03	7.30E-04	4.88E-03	9.18E-04	4.88E-03	9.18E-04	4.51E-03	7.33E-04	4.60E-03	7.77E-04	4.52E-03	7.38E-04	4.51E-03	7.32E-04	4.52E-03	7.36E-04	4.51E-03	7.33E-04	1.71E-01	2.61E-02	2.39E+00	4.28E-01
2457	Gridded	3.63E-03	6.71E-04	3.61E-03	6.69E-04	3.96E-03	7.02E-04	3.96E-03	7.02E-04	3.16E-04	3.31E-05	3.61E-03	6.69E-04	5.05E-03	8.02E-04	5.05E-03	8.02E-04	3.63E-03	6.71E-04	3.96E-03	7.02E-04	3.67E-03	6.75E-04	3.62E-03	6.70E-04	3.65E-03	6.73E-04	3.63E-03	6.71E-04	1.78E-01	3.48E-02	2.20E+00	3.73E-01
2458	Gridded	4.30E-03	7.29E-04	4.29E-03	7.26E-04	4.44E-03	7.74E-04	4.44E-03	7.74E-04	1.66E-04	4.21E-05	4.29E-03	7.27E-04	4.89E-03	9.19E-04	4.89E-03	9.19E-04	4.30E-03	7.29E-04	4.44E-03	7.74E-04	4.32E-03	7.35E-04	4.30E-03	7.28E-04	4.31E-03	7.32E-04	4.30E-03	7.30E-04	1.68E-01	3.96E-02	2.57E+00	4.04E-01
2459	Gridded	2.54E-03	5.78E-04	2.54E-03	5.75E-04	2.56E-03	6.16E-04	2.56E-03	6.16E-04	1.75E-04	4.28E-05	2.54E-03	5.76E-04	2.97E-03	7.39E-04	2.97E-03	7.39E-04	2.54E-03	5.78E-04	2.56E-03	6.16E-04	2.54E-03	5.83E-04	2.54E-03	5.77E-04	2.54E-03	5.80E-04	2.54E-03	5.78E-04	1.69E-01	4.17E-02	1.67E+00	3.42E-01
2460	Gridded	2.67E-03	5.84E-04	2.66E-03	5.82E-04	2.82E-03	6.18E-04	2.82E-03	6.18E-04	1.68E-04	3.22E-05	2.67E-03	5.82E-04	3.31E-03	7.29E-04	3.31E-03	7.29E-04	2.67E-03	5.84E-04	2.82E-03	6.18E-04	2.69E-03	5.88E-04	2.67E-03	5.83E-04	2.68E-03	5.86E-04	2.68E-03	5.85E-04	1.74E-01	4.05E-02	1.43E+00	3.53E-01
2461	Gridded	2.91E-03	4.97E-04	2.89E-03	4.96E-04	3.14E-03	5.20E-04	3.14E-03	5.20E-04	2.19E-04	2.36E-05	2.90E-03	4.96E-04	3.90E-03	5.95E-04	3.90E-03	5.95E-04	2.91E-03	4.97E-04	3.14E-03	5.20E-04	2.94E-03	5.00E-04	2.90E-03	4.97E-04	2.92E-03	4.99E-04	2.91E-03	4.97E-04	1.88E-01	2.88E-02	1.55E+00	2.90E-01
2462	Gridded	3.34E-03	4.10E-04	3.33E-03	4.08E-04	3.50E-03	4.38E-04	3.50E-03	4.38E-04	1.66E-04	2.67E-05	3.33E-03	4.08E-04	4.00E-03	5.30E-04	4.00E-03	5.30E-04	3.34E-03	4.10E-04	3.50E-03	4.38E-04	3.36E-03	4.13E-04	3.34E-03	4.09E-04	3.35E-03	4.12E-04	3.34E-03	4.10E-04	1.51E-01	2.65E-02	1.78E+00	2.49E-01
2463	Gridded	3.54E-03	5.08E-04	3.53E-03	5.05E-04	3.73E-03	5.43E-04	3.73E-03	5.43E-04	3.18E-04	3.38E-05	3.53E-03	5.06E-04	4.36E-03	6.60E-04	4.36E-03	6.60E-04	3.54E-03	5.08E-04	3.73E-03	5.43E-04	3.56E-03	5.12E-04	3.54E-03	5.07E-04	3.55E-03	5.10E-04	3.54E-03	5.08E-04	1.90E-01	3.66E-02	2.03E+00	3.11E-01
2464	Gridded	4.02E-03	4.13E-04	4.00E-03	4.11E-04	4.24E-03	4.42E-04	4.24E-03	4.42E-04	2.12E-04	2.75E-05	4.01E-03	4.11E-04	4.94E-03	5.37E-04	4.94E-03	5.37E-04	4.02E-03	4.13E-04	4.24E-03	4.42E-04	4.04E-03	4.16E-04	4.01E-03	4.12E-04	4.03E-03	4.15E-04	4.02E-03	4.13E-04	1.83E-01	3.28E-02	2.15E+00	2.68E-01
2465	Gridded	4.28E-03	5.98E-04	4.28E-03	5.95E-04	4.34E-03	6.35E-04	4.34E-03	6.35E-04	2.47E-04	3.47E-05	4.28E-03	5.96E-04	4.51E-03	7.54E-04	4.51E-03	7.54E-04	4.28E-03	5.98E-04	4.34E-03	6.35E-04	4.29E-03	6.03E-04	4.28E-03	5.97E-04	4.28E-03	6.00E-04	4.28E-03	5.98E-04	2.25E-01	2.89E-02	2.29E+00	3.28E-01
2466	Gridded	4.25E-03	4.79E-04	4.23E-03	4.77E-04	4.50E-03	5.11E-04	4.50E-03	5.11E-04	2.38E-04	3.05E-05	4.24E-03	4.77E-04	5.32E-03	6.16E-04	5.32E-03	6.16E-04	4.25E-03	4.79E-04	4.50E-03	5.11E-04	4.28E-03	4.83E-04	4.25E-03	4.78E-04	4.27E-03	4.81E-04	4.25E-03	4.79E-04	2.20E-01	2.66E-02	2.27E+00	2.83E-01
2467	Gridded	3.46E-03	4.27E-04	3.46E-03	4.26E-04	3.60E-03	4.52E-04	3.60E-03	4.52E-04	2.74E-04	2.54E-05	3.46E-03	4.26E-04	4.03E-03	5.34E-04	4.03E-03	5.34E-04	3.46E-03	4.27E-04	3.60E-03	4.52E-04	3.48E-03	4.30E-04	3.46E-03	4.27E-04	3.47E-03	4.29E-04	3.47E-03	4.28E-04	2.03E-01	2.34E-02	1.85E+00	2.62E-01
2468	Gridded	1.87E-03	3.46E-04	1.87E-03	3.45E-04	2.02E-03	3.64E-04	2.02E-03	3.64E-04	2.17E-04	1.87E-05	1.87E-03	3.45E-04	2.77E-03	4.24E-04	2.77E-03	4.24E-04	1.87E-03	3.46E-04	2.02E-03	3.64E-04	1.89E-03	3.48E-04	1.87E-03	3.45E-04	1.88E-03	3.47E-04	1.88E-03	3.46E-04	2.03E-01	2.57E-02	1.09E+00	2.08E-01
2469	Gridded	1.85E-03	3.63E-04	1.84E-03	3.62E-04	2.01E-03	3.84E-04	2.01E-03	3.84E-04	1.44E-04	2.00E-05	1.85E-03	3.62E-04	2.51E-03	4.53E-04	2.51E-03	4.53E-04	1.85E-03	3.63E-04	2.01E-03	3.84E-04	1.87E-03	3.66E-04	1.85E-03	3.63E-04	1.86E-03	3.64E-04	1.86E-03	3.63E-04	1.71E-01	2.32E-02	1.09E+00	2.12E-01
2470	Gridded	2.30E-03	3.45E-04	2.30E-03	3.44E-04	2.41E-03	3.70E-04	2.41E-03	3.70E-04	1.09E-04	2.38E-05	2.30E-03	3.44E-04	2.77E-03	4.52E-04	2.77E-03	4.52E-04	2.30E-03	3.45E-04	2.41E-03	3.70E-04	2.32E-03	3.48E-04	2.30E-03	3.45E-04	2.31E-03	3.47E-04	2.31E-03	3.46E-04	1.20E-01	1.39E-02	1.20E+00	2.03E-01
2471	Gridded	3.12E-03	4.79E-04	3.11E-03	4.77E-04	3.28E-03	5.12E-04	3.28E-03	5.12E-04	1.49E-04	3.08E-05	3.11E-03	4.77E-04	3.79E-03	6.18E-04	3.79E-03	6.18E-04	3.12E-03	4.79E-04	3.28E-03	5.12E-04	3.14E-03	4.83E-04	3.11E-03	4.78E-04	3.13E-03	4.81E-04	3.12E-03	4.80E-04	1.34E-01	2.27E-02	1.54E+00	2.85E-01
2472	Gridded	3.19E-03	4.54E-04	3.18E-03	4.52E-04	3.40E-03	4.82E-04	3.40E-03	4.82E-04	1.96E-04	2.63E-05	3.18E-03	4.52E-04	4.08E-03	5.73E-04	4.08E-03	5.73E-04	3.19E-03	4.54E-04	3.40E-03	4.82E-04	3.22E-03	4.57E-04	3.19E-03	4.53E-04	3.21E-03	4.56E-04	3.20E-03	4.54E-04	1.33E-01	2.33E-02	1.59E+00	2.79E-01
2473	Gridded	2.24E-03	3.74E-04	2.23E-03	3.72E-04	2.47E-03	3.98E-04	2.47E-03	3.98E-04	2.11E-04	2.51E-05	2.23E-03	3.72E-04	3.20E-03	4.84E-04	3.20E-03	4.84E-04	2.24E-03	3.74E-04	2.47E-03	3.98E-04	2.27E-03	3.76E-04	2.24E-03	3.73E-04	2.26E-03	3.75E-04	2.24E-03	3.74E-04	1.71E-01	2.21E-02	1.12E+00	2.30E-01
2474	Gridded	1.83E-03	5.36E-04	1.82E-03	5.33E-04	1.94E-03	5.70E-04	1.94E-03	5.70E-04	1.61E-04	3.24E-05	1.82E-03	5.34E-04	2.32E-03	6.82E-04	2.32E-03	6.82E-04	1.83E-03	5.36E-04	1.94E-03	5.70E-04	1.84E-03	5.40E-04	1.82E-03	5.35E-04	1.83E-03	5.38E-04	1.83E-03	5.36E-04	1.70E-01	2.19E-02	1.06E+00	3.21E-01
2475	Gridded	1.88E-03	5.40E-04	1.87E-03	5.37E-04	2.01E-03	5.73E-04	2.01E-03	5.73E-04	1.22E-04	3.12E-05	1.87E-03	5.38E-04	2.43E-03	6.80E-04	2.43E-03	6.80E-04	1.88E-03	5.40E-04	2.01E-03	5.73E-04	1.89E-03	5.44E-04	1.87E-03	5.39E-04	1.89E-03	5.42E-04	1.88E-03	5.40E-04	1.12E-01	2.78E-02	1.09E+00	3.15E-01
2476	Gridded	1.99E-03	5.61E-04	1.98E-03	5.58E-04	2.13E-03	5.98E-04	2.13E-03	5.98E-04	1.34E-04	3.52E-05	1.98E-03	5.59E-04	2.57E-03	7.20E-04	2.57E-03	7.20E-04	1.99E-03	5.61E-04	2.13E-03	5.98E-04	2.01E-03	5.66E-04	1.99E-03	5.60E-04	2.00E-03	5.63E-04	1.99E-03	5.61E-04	1.03E-01	2.08E-02	1.15E+00	3.22E-01
2477	Gridded	2.50E-03	5.85E-04	2.49E-03	5.83E-04	2.66E-03	6.22E-04	2.66E-03	6.22E-04	1.55E-04	3.43E-05	2.49E-03	5.83E-04	3.20E-03	7.40E-04	3.20E-03	7.40E-04	2.50E-03	5.85E-04	2.66E-03	6.22E-04	2.52E-03	5.90E-04	2.49E-03	5.84E-04	2.51E-03	5.87E-04	2.50E-03	5.86E-04	1.03E-01	2.10E-02	1.31E+00	3.38E-01
2478	Gridded	3.53E-03	5.02E-04	3.52E-03	5.00E-04	3.66E-03	5.30E-04	3.66E-03	5.30E-04	1.74E-04	3.01E-05	3.52E-03	5.01E-04	4.10E-03	6.22E-04	4.10E-03	6.22E-04	3.53E-03	5.02E-04	3.66E-03	5.30E-04	3.54E-03	5.06E-04	3.52E-03	5.02E-04	3.53E-03	5.04E-04	3.53E-03	5.02E-04	1.10E-01	2.52E-02	1.85E+00	3.00E-01
2479	Gridded	3.49E-03	3.93E-04	3.48E-03	3.91E-04	3.74E-03	4.23E-04	3.74E-03	4.23E-04	2.92E-04	2.81E-05	3.48E-03	3.91E-04	4.56E-03	5.19E-04	4.56E-03	5.19E-04	3.49E-03	3.93E-04	3.74E-03	4.23E-04	3.53E-03	3.96E-04	3.49E-03	3.92E-04	3.51E-03	3.94E-04	3.50E-03	3.93E-04	1.12E-01	2.50E-02	1.86E+00	2.38E-01
2480	Gridded	3.85E-03	4.86E-04	3.84E-03	4.83E-04	4.11E-03	5.21E-04	4.11E-03	5.21E-04	2.45E-04	3.27E-05	3.84E-03	4.84E-04	4.93E-03	6.33E-04	4.93E-03	6.33E-04	3.86E-03	4.86E-04	4.11E-03	5.21E-04	3.89E-03	4.90E-04	3.85E-03	4.85E-04	3.87E-03	4.88E-04	3.86E-03	4.86E-04	1.18E-01	2.98E-02	2.03E+00	2.71E-01
2481	Gridded	4.36E-03	4.59E-04	4.35E-03	4.58E-04	4.66E-03	4.86E-04	4.66E-03	4.86E-04	2.78E-04	2.51E-05	4.35E-03	4.58E-04	5.62E-03	5.73E-04	5.62E-03	5.73E-04	4.37E-03	4.60E-04	4.66E-03	4.86E-04	4.40E-03	4.63E-04	4.36E-03	4.59E-04	4.38E-03	4.61E-04	4.37E-03	4.60E-04	2.64E-01	2.97E-02	2.31E+00	2.62E-01
2482	Gridded	3.10E-03	4.86E-04	3.09E-03	4.84E-04	3.27E-03	5.15E-04	3.27E-03	5.15E-04	2.20E-04	2.77E-05	3.09E-03	4.84E-04	3.93E-03	6.10E-04	3.93E-03	6.10E-04	3.10E-03	4.86E-04	3.27E-03	5.15E-04	3.12E-03	4.90E-04	3.10E-03	4.85E-04	3.11E-03	4.88E-04	3.11E-03	4.86E-04	3.81E-01	2.93E-02	1.74E+00	2.93E-01
2483	Gridded	4.16E-03	4.59E-04	4.14E-03	4.57E-04	4.38E-03	4.88E-04	4.38E-03	4.88E-04	2.33E-04	2.78E-05	4.15E-03	4.57E-04	5.08E-03	5.84E-04	5.08E-03	5.84E-04	4.16E-03	4.59E-04	4.38E-03	4.88E-04	4.19E-03	4.62E-04	4.15E-03	4.58E-04	4.17E-03	4.60E-04	4.16E-03	4.59E-04	4.06E-01	2.75E-02	2.25E+00	2.81E-01
2484	Gridded	3.36E-03	4.23E-04	3.36E-03	4.21E-04	3.36E-03	4.48E-04	3.36E-03	4.48E-04	2.42E-04	2.66E-05	3.36E-03	4.22E-04	3.94E-03	5.29E-04	3.94E-03	5.29E-04	3.36E-03	4.23E-04	3.36E-03	4.48E-04	3.36E-03	4.26E-04	3.36E-03	4.22E-04	3.36E-03	4.24E-04	3.36E-03	4.23E-04	2.59E-01	2.66E-02	1.91E+00	2.55E-01
2485	Gridded	4.34E-03	4.89E-04	4.34E-03	4.88E-04	4.34E-03	5.18E-04	4.34E-03	5.18E-04	2.01E-04	2.80E-05	4.34E-03	4.88E-04	4.35E-03	6.09E-04	4.35E-03	6.09E-04	4.34E-03	4.90E-04	4.34E-03	5.18E-04	4.34E-03	4.93E-04	4.34E-03	4.89E-04	4.34E-03	4.91E-04	4.34E-03	4.90E-04	1.55E-01	2.55E-02	2.52E+00	2.65E-01
2486	Gridded	3.74E-03	5.04E-04	3.74E-03	5.02E-04	3.82E-03	5.34E-04	3.82E-03	5.34E-04	2.42E-04	2.86E-05	3.74E-03	5.02E-04	4.65E-03	6.33E-04	4.65E-03	6.33E-04	3.74E-03	5.04E-04	3.82E-03	5.34E-04	3.74E-03	5.08E-04	3.74E-03	5.03E-04	3.74E-03	5.06E-04	3.74E-03	5.04E-04	1.79E-01	2.46E-02	2.27E+00	2.81E-01
2487	Gridded	3.38E-03	6.38E-04	3.36E-03	6.35E-04	3.60E-03	6.78E-04	3.60E-03	6.78E-04	2.15E-04	3.78E-05	3.36E-03	6.35E-04	4.32E-03	8.08E-04	4.32E-03	8.08E-04	3.38E-03	6.38E-04	3.60E-03	6.78E-04	3.40E-03	6.43E-04	3.37E-03	6.37E-04	3.39E-03	6.40E-04	3.38E-03	6.38E-04	1.68E-01	2.47E-02	1.92E+00	3.63E-01
2488	Gridded	4.55E-03	6.74E-04	4.53E-03	6.72E-04	4.84E-03	7.14E-04	4.84E-03	7.14E-04	2.67E-04	3.77E-05	4.54E-03	6.72E-04	5.75E-03	8.44E-04	5.75E-03	8.44E-04	4.55E-03	6.74E-04	4.84E-03	7.14E-04	4.59E-03	6.79E-04	4.55E-03	6.73E-04	4.57E-03	6.77E-04	4.55E-03	6.75E-04	1.93E-01	2.08E-02	2.45E+00	3.88E-01
2489	Gridded	4.49E-03	5.42E-04	4.48E-03	5.40E-04	4.69E-03	5.75E-04	4.69E-03	5.75E-04	2.25E-04	3.07E-05	4.48E-03	5.40E-04	5.41E-03	6.81E-04	5.41E-03	6.81E-04	4.49E-03	5.42E-04	4.69E-03	5.75E-04	4.51E-03	5.46E-04	4.48E-03	5.41E-04	4.50E-03	5.44E-04	4.49E-03	5.42E-04	1.64E-01	2.22E-02	2.48E+00	3.22E-01
2490	Gridded	3.84E-03	7.03E-04	3.83E-03	7.01E-04	3.96E-03	7.43E-04	3.96E-03	7.43E-04	2.06E-04	3.75E-05	3.83E-03	7.01E-04	4.35E-03	8.72E-04	4.35E-03	8.72E-04	3.84E-03	7.03E-04	3.96E-03	7.43E-04	3.85E-03	7.08E-04	3.83E-03	7.02E-04	3.84E-03	7.06E-04	3.84E-03	7.04E-04	1.39E-01	1.95E-02	2.11E+00	3.96E-01
2491	Gridded	3.99E-03	6.91E-04	3.98E-03	6.88E-04	4.12E-03	7.33E-04	4.12E-03	7.33E-04	1.85E-04	3.92E-05	3.98E-03	6.89E-04	4.55E-03	8.68E-04	4.55E-03	8.68E-04	3.99E-03	6.91E-04	4.12E-03	7.33E-04	4.01E-03	6.96E-04	3.99E-03	6.90E-04	4.00E-03	6.93E-04	3.99E-03	6.91E-04	2.12E-01	1.79E-02	2.14E+00	4.01E-01
2492	Gridded	4.61E-03	5.25E-04	4.59E-03	5.23E-04	4.87E-03	5.60E-04	4.87E-03	5.60E-04	2.44E-04	3.48E-05	4.59E-03	5.23E-04	5.71E-03	6.80E-04	5.71E-03	6.80E-04	4.61E-03	5.25E-04	4.87E-03	5.60E-04	4.64E-03	5.30E-04	4.60E-03	5.25E-04	4.62E-03	5.27E-04	4.61E-03	5.26E-04	2.02E-01	1.98E-02	2.49E+00	3.16E-01
2493	Gridded	3.97E-03	5.02E-04	3.96E-03	5.01E-04	4.14E-03	5.33E-04	4.14E-03	5.33E-04	3.10E-04	3.15E-05	3.96E-03	5.01E-04	5.03E-03	6.42E-04	5.03E-03	6.42E-04	3.97E-03	5.02E-04	4.14E-03	5.33E-04	3.99E-03	5.05E-04	3.96E-03	5.02E-04	3.98E-03	5.04E-04	3.97E-03	5.03E-04	1.42E-01	2.20E-02	2.26E+00	2.91E-01
2494	Gridded	3.93E-03	5.26E-04	3.92E-03	5.24E-04	4.07E-03	5.54E-04	4.07E-03	5.54E-04	2.85E-04	3.13E-05	3.92E-03	5.24E-04	4.53E-03	6.51E-04	4.53E-03	6.51E-04	3.93E-03	5.26E-04	4.07E-03	5.54E-04	3.95E-03	5.29E-04	3.93E-03	5.25E-04	3.94E-03	5.27E-04	3.93E-03	5.26E-04	1.61E-01	2.57E-02	2.35E+00	2.88E-01
2495	Gridded	4.24E-03	7.03E-04	4.23E-03	7.01E-04	4.48E-03	7.45E-04	4.48E-03	7.45E-04	2.30E-04	3.89E-05	4.23E-03	7.01E-04	5.23E-03	8.79E-04	5.23E-03	8.79E-04	4.24E-03	7.04E-04	4.48E-03	7.45E-04	4.27E-03	7.09E-04	4.24E-03	7.03E-04	4.26E-03	7.06E-04	4.25E-03	7.04E-04	1.97E-01	2.68E-02	2.27E+00	3.88E-01
2496	Gridded	4.02E-03	6.73E-04	4.00E-03	6.70E-04	4.28E-03	7.19E-04	4.28E-03	7.19E-04	2.47E-04	4.33E-05	4.00E-03	6.71E-04	5.13E-03	8.69E-04	5.13E-03	8.69E-04	4.02E-03	6.73E-04	4.28E-03	7.19E-04	4.05E-03	6.79E-04	4.01E-03	6.72E-04	4.03E-03	6.76E-04	4.02E-03	6.74E-04	1.63E-01	2.40E-02	2.16E+00	3.78E-01
2497	Gridded	4.27E-03	5.08E-04	4.25E-03	5.05E-04	4.57E-03	5.48E-04	4.57E-03	5.48E-04	2.90E-04	3.80E-05	4.26E-03	5.06E-04	5.51E-03	6.79E-04	5.51E-03	6.79E-04	4.28E-03	5.08E-04	4.57E-03	5.48E-04	4.31E-03	5.13E-04	4.27E-03	5.07E-04	4.29E-03	5.10E-04	4.28E-03	5.08E-04	1.83E-01	2.30E-02	2.38E+00	2.95E-01
2498	Gridded	4.06E-03	4.23E-04	4.04E-03	4.21E-04	4.35E-03	4.48E-04	4.35E-03	4.48E-04	3.18E-04	2.98E-05	4.04E-03	4.21E-04	5.30E-03	5.30E-04	5.30E-03	5.30E-04	4.06E-03	4.23E-04	4.35E-03	4.48E-04	4.10E-03	4.26E-04	4.05E-03	4.22E-04	4.08E-03	4.24E-04	4.06E-03	4.23E-04	1.95E-01	2.37E-02	2.35E+00	2.35E-01
2499	Gridded	2.86E-03	3.43E-04	2.85E-03	3.41E-04	3.00E-03	3.68E-04	3.00E-03	3.68E-04	2.54E-04	2.66E-05	2.85E-03	3.41E-04	3.46E-03	4.49E-04	3.46E-03	4.49E-04	2.86E-03	3.43E-04	3.00E-03	3.68E-04	2.87E-03	3.46E-04	2.85E-03	3.42E-04	2.86E-03	3.44E-04	2.86E-03	3.43E-04	1.86E-01	1.84E-02	1.55E+00	1.91E-01
2500	Gridded	5.85E-03	6.20E-04	5.85E-03	6.19E-04	5.90E-03	6.38E-04	5.90E-03	6.38E-04	2.50E-04	3.92E-05	5.85E-03	6.19E-04	6.05E-03	6.96E-04	6.05E-03	6.96E-04	5.85E-03	6.20E-04	5.90E-03	6.38E-04	5.86E-03	6.22E-04	5.85E-03	6.20E-04	5.85E-03	6.21E-04	5.85E-03	6.20E-04	1.79E-01	3.88E-02	3.09E+00	3.34E-01
2501	Gridded	5.08E-03	9.43E-04	5.07E-03	9.41E-04	5.27E-03	9.83E-04	5.27E-03	9.83E-04	2.36E-04	4.52E-05	5.07E-03	9.41E-04	5.87E-03	1.11E-03	5.87E-03	1.11E-03	5.08E-03	9.44E-04	5.27E-03	9.83E-04	5.10E-03	9.48E-04	5.07E-03	9.43E-04	5.09E-03	9.46E-04	5.08E-03	9.44E-04	1.58E-01	4.89E-02	2.70E+00	5.06E-01
2502	Gridded	4.60E-03	9.82E-04	4.58E-03	9.78E-04	4.89E-03	1.04E-03	4.89E-03	1.04E-03	3.15E-04	5.46E-05	4.58E-03	9.79E-04	5.84E-03	1.23E-03	5.84E-03	1.23E-03	4.60E-03	9.82E-04	4.89E-03	1.04E-03	4.64E-03	9.89E-04	4.59E-03	9.81E-04	4.62E-03	9.85E-04	4.60E-03	9.83E-04	1.83E-01	5.29E-02	2.44E+00	5.27E-01
2503	Gridded	3.40E-03	6.94E-04	3.40E-03	6.90E-04	3.54E-03	7.48E-04	3.54E-03	7.48E-04	3.39E-04	5.08E-05	3.40E-03	6.91E-04	4.38E-03	9.23E-04	4.38E-03	9.23E-04	3.40E-03	6.94E-04	3.54E-03	7.48E-04	3.40E-03	7.00E-04	3.40E-03	6.93E-04	3.40E-03	6.97E-04	3.40E-03	6.94E-04	1.89E-01	4.72E-02	1.94E+00	3.73E-01
2504	Gridded	5.18E-03	7.23E-04	5.18E-03	7.20E-04	5.19E-03	7.69E-04	5.19E-03	7.69E-04	2.90E-04	4.36E-05	5.18E-03	7.20E-04	5.23E-03	9.20E-04	5.23E-03	9.20E-04	5.18E-03	7.23E-04	5.19E-03	7.69E-04	5.18E-03	7.29E-04	5.18E-03	7.22E-04	5.18E-03	7.26E-04	5.18E-03	7.23E-04	1.72E-01	3.91E-02	2.74E+00	4.01E-01
2505	Gridded	5.63E-03	7.28E-04	5.63E-03	7.25E-04	5.65E-03	7.74E-04	5.65E-03	7.74E-04	2.17E-04	4.27E-05	5.63E-03	7.26E-04	5.72E-03	9.21E-04	5.72E-03	9.21E-04	5.63E-03	7.29E-04	5.65E-03	7.74E-04	5.63E-03	7.34E-04	5.63E-03	7.27E-04	5.63E-03	7.31E-04	5.63E-03	7.29E-04	2.01E-01	2.50E-02	2.99E+00	4.09E-01
2506	Gridded	3.67E-03	6.47E-04	3.66E-03	6.45E-04	3.72E-03	6.86E-04	3.72E-03	6.86E-04	2.40E-04	3.64E-05	3.67E-03	6.45E-04	3.89E-03	8.12E-04	3.89E-03	8.12E-04	3.67E-03	6.48E-04	3.72E-03	6.86E-04	3.67E-03	6.52E-04	3.67E-03	6.47E-04	3.67E-03	6.50E-04	3.67E-03	6.48E-04	1.38E-01	2.24E-02	1.95E+00	3.75E-01
2507	Gridded	3.02E-03	5.71E-04	2.99E-03	5.69E-04	3.35E-03	5.97E-04	3.35E-03	5.97E-04	3.12E-04	3.01E-05	3.00E-03	5.69E-04	4.42E-03	6.80E-04	4.42E-03	6.80E-04	3.02E-03	5.71E-04	3.35E-03	5.97E-04	3.06E-03	5.74E-04	3.01E-03	5.70E-04	3.04E-03	5.72E-04	3.02E-03	5.71E-04	1.72E-01	2.99E-02	1.84E+00	3.19E-01
2508	Gridded	4.22E-03	7.16E-04	4.21E-03	7.14E-04	4.40E-03	7.56E-04	4.40E-03	7.56E-04	1.70E-04	3.74E-05	4.21E-03	7.14E-04	4.99E-03	8.85E-04	4.99E-03	8.85E-04	4.22E-03	7.17E-04	4.40E-03	7.56E-04	4.24E-03	7.21E-04	4.22E-03	7.16E-04	4.23E-03	7.19E-04	4.22E-03	7.17E-04	1.66E-01	3.64E-02	2.52E+00	3.96E-01
2509	Gridded	2.71E-03	5.21E-04	2.70E-03	5.18E-04	2.74E-03	5.64E-04	2.74E-03	5.64E-04	1.58E-04	4.02E-05	2.70E-03	5.19E-04	2.86E-03	7.02E-04	2.86E-03	7.02E-04	2.71E-03	5.21E-04	2.74E-03	5.64E-04	2.71E-03	5.26E-04	2.71E-03	5.20E-04	2.71E-03	5.24E-04	2.71E-03	5.22E-04	1.52E-01	3.56E-02	1.73E+00	3.06E-01
2510	Gridded	2.11E-03	5.26E-04	2.10E-03	5.23E-04	2.21E-03	5.57E-04	2.21E-03	5.57E-04	1.48E-04	2.97E-05	2.10E-03	5.24E-04	2.55E-03	6.60E-04	2.55E-03	6.60E-04	2.11E-03	5.26E-04	2.21E-03	5.57E-04	2.12E-03	5.29E-04	2.10E-03	5.25E-04	2.11E-03	5.27E-04	2.11E-03	5.26E-04	1.46E-01	3.70E-02	1.12E+00	3.14E-01
2511	Gridded	2.76E-03	4.41E-04	2.75E-03	4.39E-04	2.93E-03	4.67E-04	2.93E-03	4.67E-04	1.72E-04	2.43E-05	2.75E-03	4.39E-04	3.49E-03	5.50E-04	3.49E-03	5.50E-04	2.76E-03	4.41E-04	2.93E-03	4.67E-04	2.78E-03	4.44E-04	2.76E-03	4.40E-04	2.77E-03	4.42E-04	2.76E-03	4.41E-04	1.70E-01	3.04E-02	1.48E+00	2.75E-01
2512	Gridded	3.11E-03	4.22E-04	3.10E-03	4.20E-04	3.22E-03	4.41E-04	3.22E-03	4.41E-04	1.81E-04	2.28E-05	3.10E-03	4.21E-04	3.58E-03	5.05E-04	3.58E-03	5.05E-04	3.11E-03	4.22E-04	3.22E-03	4.41E-04	3.12E-03	4.24E-04	3.11E-03	4.21E-04	3.12E-03	4.23E-04	3.11E-03	4.22E-04	1.36E-01	2.21E-02	1.66E+00	2.51E-01
2513	Gridded	2.67E-03	4.26E-04	2.65E-03	4.24E-04	2.89E-03	4.56E-04	2.89E-03	4.56E-04	2.06E-04	2.81E-05	2.65E-03	4.25E-04	3.60E-03	5.53E-04	3.60E-03	5.53E-04	2.67E-03	4.27E-04	2.89E-03	4.56E-04	2.69E-03	4.30E-04	2.66E-03	4.26E-04	2.68E-03	4.28E-04	2.67E-03	4.27E-04	1.51E-01	2.84E-02	1.42E+00	2.59E-01
2514	Gridded	3.41E-03	4.30E-04	3.40E-03	4.28E-04	3.54E-03	4.60E-04	3.54E-03	4.60E-04	2.23E-04	2.89E-05	3.40E-03	4.28E-04	3.95E-03	5.60E-04	3.95E-03	5.60E-04	3.41E-03	4.30E-04	3.54E-03	4.60E-04	3.42E-03	4.33E-04	3.41E-03	4.29E-04	3.42E-03	4.31E-04	3.41E-03	4.30E-04	1.55E-01	2.70E-02	1.95E+00	2.68E-01
2515	Gridded	3.73E-03	4.93E-04	3.71E-03	4.91E-04	3.97E-03	5.22E-04	3.97E-03	5.22E-04	2.30E-04	2.76E-05	3.71E-03	4.91E-04	4.77E-03	6.17E-04	4.77E-03	6.17E-04	3.73E-03	4.93E-04	3.97E-03	5.22E-04	3.76E-03	4.96E-04	3.72E-03	4.92E-04	3.74E-03	4.94E-04	3.73E-03	4.93E-04	1.91E-01	3.00E-02	1.99E+00	2.69E-01
2516	Gridded	6.70E-03	6.28E-04	6.69E-03	6.25E-04	6.86E-03	6.67E-04	6.86E-03	6.67E-04	2.87E-04	3.68E-05	6.69E-03	6.25E-04	7.40E-03	7.93E-04	7.40E-03	7.93E-04	6.70E-03	6.28E-04	6.86E-03	6.67E-04	6.72E-03	6.32E-04	6.70E-03	6.27E-04	6.71E-03	6.30E-04	6.70E-03	6.28E-04	2.19E-01	2.69E-02	3.58E+00	3.47E-01
2517	Gridded	5.39E-03	5.41E-04	5.39E-03	5.38E-04	5.46E-03	5.77E-04	5.46E-03	5.77E-04	4.18E-04	3.45E-05	5.39E-03	5.39E-04	5.94E-03	6.96E-04	5.94E-03	6.96E-04	5.39E-03	5.41E-04	5.46E-03	5.77E-04	5.40E-03	5.45E-04	5.39E-03	5.40E-04	5.40E-03	5.43E-04	5.39E-03	5.41E-04	2.39E-01	2.89E-02	2.88E+00	3.13E-01
2518	Gridded	4.93E-03	4.21E-04	4.92E-03	4.20E-04	5.20E-03	4.45E-04	5.20E-03	4.45E-04	2.71E-04	2.41E-05	4.92E-03	4.20E-04	6.06E-03	5.23E-04	6.06E-03	5.23E-04	4.93E-03	4.21E-04	5.20E-03	4.45E-04	4.97E-03	4.24E-04	4.93E-03	4.21E-04	4.95E-03	4.23E-04	4.94E-03	4.22E-04	2.55E-01	2.65E-02	2.63E+00	2.58E-01
2519	Gridded	1.95E-03	3.39E-04	1.94E-03	3.37E-04	2.08E-03	3.57E-04	2.08E-03	3.57E-04	2.80E-04	2.12E-05	1.95E-03	3.38E-04	2.81E-03	4.15E-04	2.81E-03	4.15E-04	1.95E-03	3.39E-04	2.08E-03	3.57E-04	1.97E-03	3.41E-04	1.95E-03	3.38E-04	1.96E-03	3.40E-04	1.95E-03	3.39E-04	2.42E-01	2.79E-02	1.24E+00	2.02E-01
2520	Gridded	2.07E-03	3.45E-04	2.06E-03	3.43E-04	2.19E-03	3.66E-04	2.19E-03	3.66E-04	1.55E-04	2.00E-05	2.06E-03	3.44E-04	2.59E-03	4.35E-04	2.59E-03	4.35E-04	2.07E-03	3.45E-04	2.19E-03	3.66E-04	2.09E-03	3.48E-04	2.07E-03	3.44E-04	2.08E-03	3.46E-04	2.07E-03	3.45E-04	1.59E-01	2.05E-02	1.20E+00	1.98E-01
2521	Gridded	2.40E-03	3.44E-04	2.40E-03	3.43E-04	2.52E-03	3.69E-04	2.52E-03	3.69E-04	1.06E-04	2.33E-05	2.40E-03	3.43E-04	2.88E-03	4.49E-04	2.88E-03	4.49E-04	2.40E-03	3.44E-04	2.52E-03	3.69E-04	2.42E-03	3.47E-04	2.40E-03	3.44E-04	2.41E-03	3.46E-04	2.41E-03	3.45E-04	1.08E-01	1.24E-02	1.17E+00	2.02E-01
2522	Gridded	3.13E-03	4.57E-04	3.12E-03	4.55E-04	3.29E-03	4.88E-04	3.29E-03	4.88E-04	1.52E-04	2.89E-05	3.12E-03	4.55E-04	3.81E-03	5.87E-04	3.81E-03	5.87E-04	3.13E-03	4.57E-04	3.29E-03	4.88E-04	3.15E-03	4.61E-04	3.13E-03	4.56E-04	3.14E-03	4.59E-04	3.13E-03	4.57E-04	1.24E-01	2.14E-02	1.54E+00	2.73E-01
2523	Gridded	3.09E-03	4.26E-04	3.07E-03	4.24E-04	3.30E-03	4.52E-04	3.30E-03	4.52E-04	1.96E-04	2.45E-05	3.08E-03	4.24E-04	3.97E-03	5.36E-04	3.97E-03	5.36E-04	3.09E-03	4.26E-04	3.30E-03	4.52E-04	3.11E-03	4.29E-04	3.08E-03	4.25E-04	3.10E-03	4.27E-04	3.09E-03	4.26E-04	1.37E-01	2.25E-02	1.54E+00	2.62E-01
2524	Gridded	2.11E-03	3.87E-04	2.10E-03	3.86E-04	2.33E-03	4.15E-04	2.33E-03	4.15E-04	2.08E-04	2.58E-05	2.10E-03	3.86E-04	3.05E-03	5.04E-04	3.05E-03	5.04E-04	2.11E-03	3.87E-04	2.33E-03	4.15E-04	2.14E-03	3.91E-04	2.11E-03	3.87E-04	2.12E-03	3.89E-04	2.11E-03	3.88E-04	1.86E-01	2.46E-02	1.09E+00	2.24E-01
2525	Gridded	1.82E-03	5.37E-04	1.81E-03	5.35E-04	1.93E-03	5.71E-04	1.93E-03	5.71E-04	1.56E-04	3.23E-05	1.81E-03	5.35E-04	2.29E-03	6.83E-04	2.29E-03	6.83E-04	1.82E-03	5.37E-04	1.93E-03	5.71E-04	1.83E-03	5.41E-04	1.82E-03	5.36E-04	1.83E-03	5.39E-04	1.82E-03	5.37E-04	1.72E-01	2.16E-02	1.06E+00	3.21E-01
2526	Gridded	1.88E-03	5.12E-04	1.88E-03	5.10E-04	2.01E-03	5.43E-04	2.01E-03	5.43E-04	1.21E-04	2.95E-05	1.88E-03	5.10E-04	2.43E-03	6.45E-04	2.43E-03	6.45E-04	1.88E-03	5.12E-04	2.01E-03	5.43E-04	1.90E-03	5.16E-04	1.88E-03	5.11E-04	1.89E-03	5.14E-04	1.89E-03	5.12E-04	1.07E-01	2.68E-02	1.06E+00	2.99E-01
2527	Gridded	1.94E-03	5.33E-04	1.94E-03	5.31E-04	2.08E-03	5.69E-04	2.08E-03	5.69E-04	1.23E-04	3.33E-05	1.94E-03	5.31E-04	2.50E-03	6.84E-04	2.50E-03	6.84E-04	1.95E-03	5.33E-04	2.08E-03	5.69E-04	1.96E-03	5.38E-04	1.94E-03	5.33E-04	1.95E-03	5.35E-04	1.95E-03	5.34E-04	1.00E-01	1.94E-02	1.11E+00	3.06E-01
2528	Gridded	2.13E-03	5.74E-04	2.12E-03	5.72E-04	2.25E-03	6.11E-04	2.25E-03	6.11E-04	1.55E-04	3.40E-05	2.12E-03	5.72E-04	2.79E-03	7.28E-04	2.79E-03	7.28E-04	2.13E-03	5.75E-04	2.25E-03	6.11E-04	2.15E-03	5.79E-04	2.13E-03	5.74E-04	2.14E-03	5.77E-04	2.13E-03	5.75E-04	1.02E-01	1.96E-02	1.15E+00	3.30E-01
2529	Gridded	3.27E-03	5.07E-04	3.26E-03	5.05E-04	3.41E-03	5.36E-04	3.41E-03	5.36E-04	1.62E-04	3.07E-05	3.26E-03	5.05E-04	3.89E-03	6.30E-04	3.89E-03	6.30E-04	3.27E-03	5.07E-04	3.41E-03	5.36E-04	3.28E-03	5.10E-04	3.26E-03	5.06E-04	3.27E-03	5.08E-04	3.27E-03	5.07E-04	1.09E-01	2.42E-02	1.72E+00	3.00E-01
2530	Gridded	3.24E-03	3.92E-04	3.23E-03	3.90E-04	3.49E-03	4.12E-04	3.49E-03	4.12E-04	2.69E-04	2.52E-05	3.23E-03	3.91E-04	4.29E-03	4.95E-04	4.29E-03	4.95E-04	3.24E-03	3.92E-04	3.49E-03	4.12E-04	3.27E-03	3.94E-04	3.24E-03	3.91E-04	3.26E-03	3.93E-04	3.24E-03	3.92E-04	1.14E-01	2.47E-02	1.75E+00	2.47E-01
2531	Gridded	3.90E-03	5.31E-04	3.88E-03	5.28E-04	4.17E-03	5.68E-04	4.17E-03	5.68E-04	2.94E-04	3.53E-05	3.88E-03	5.29E-04	5.04E-03	6.90E-04	5.04E-03	6.90E-04	3.90E-03	5.31E-04	4.17E-03	5.68E-04	3.93E-03	5.35E-04	3.89E-03	5.30E-04	3.92E-03	5.33E-04	3.90E-03	5.31E-04	1.11E-01	2.76E-02	2.09E+00	2.92E-01
2532	Gridded	4.41E-03	4.23E-04	4.39E-03	4.21E-04	4.70E-03	4.47E-04	4.70E-03	4.47E-04	2.73E-04	2.45E-05	4.40E-03	4.22E-04	5.64E-03	5.27E-04	5.64E-03	5.27E-04	4.41E-03	4.23E-04	4.70E-03	4.47E-04	4.45E-03	4.26E-04	4.41E-03	4.22E-04	4.43E-03	4.24E-04	4.42E-03	4.23E-04	2.19E-01	3.03E-02	2.33E+00	2.40E-01
2533	Gridded	3.68E-03	4.70E-04	3.66E-03	4.68E-04	3.95E-03	4.98E-04	3.95E-03	4.98E-04	2.56E-04	2.62E-05	3.67E-03	4.68E-04	4.84E-03	5.88E-04	4.84E-03	5.88E-04	3.68E-03	4.70E-04	3.95E-03	4.98E-04	3.72E-03	4.73E-04	3.68E-03	4.69E-04	3.70E-03	4.71E-04	3.68E-03	4.70E-04	3.49E-01	2.78E-02	1.96E+00	2.70E-01
2534	Gridded	3.84E-03	4.64E-04	3.83E-03	4.62E-04	4.01E-03	4.91E-04	4.01E-03	4.91E-04	2.31E-04	2.76E-05	3.83E-03	4.62E-04	4.55E-03	5.82E-04	4.55E-03	5.82E-04	3.84E-03	4.64E-04	4.01E-03	4.91E-04	3.86E-03	4.67E-04	3.84E-03	4.63E-04	3.85E-03	4.65E-04	3.84E-03	4.64E-04	4.17E-01	2.77E-02	2.07E+00	2.84E-01
2535	Gridded	3.74E-03	4.36E-04	3.72E-03	4.34E-04	4.02E-03	4.65E-04	4.02E-03	4.65E-04	2.67E-04	2.73E-05	3.72E-03	4.34E-04	4.94E-03	5.59E-04	4.94E-03	5.59E-04	3.74E-03	4.36E-04	4.02E-03	4.65E-04	3.77E-03	4.40E-04	3.73E-03	4.35E-04	3.76E-03	4.38E-04	3.74E-03	4.36E-04	3.26E-01	2.67E-02	2.02E+00	2.61E-01
2536	Gridded	4.07E-03	4.53E-04	4.07E-03	4.51E-04	4.08E-03	4.80E-04	4.08E-03	4.80E-04	1.93E-04	2.65E-05	4.07E-03	4.51E-04	4.12E-03	5.67E-04	4.12E-03	5.67E-04	4.07E-03	4.53E-04	4.08E-03	4.80E-04	4.07E-03	4.56E-04	4.07E-03	4.52E-04	4.07E-03	4.54E-04	4.07E-03	4.53E-04	1.55E-01	2.60E-02	2.34E+00	2.48E-01
2537	Gridded	4.34E-03	5.32E-04	4.34E-03	5.30E-04	4.36E-03	5.63E-04	4.36E-03	5.63E-04	2.00E-04	2.93E-05	4.34E-03	5.30E-04	4.41E-03	6.64E-04	4.41E-03	6.64E-04	4.34E-03	5.32E-04	4.36E-03	5.63E-04	4.34E-03	5.36E-04	4.34E-03	5.31E-04	4.34E-03	5.34E-04	4.34E-03	5.32E-04	1.68E-01	2.31E-02	2.56E+00	2.90E-01
2538	Gridded	3.65E-03	5.52E-04	3.64E-03	5.50E-04	3.88E-03	5.86E-04	3.88E-03	5.86E-04	2.68E-04	3.21E-05	3.64E-03	5.50E-04	4.62E-03	6.97E-04	4.62E-03	6.97E-04	3.65E-03	5.52E-04	3.88E-03	5.86E-04	3.68E-03	5.56E-04	3.65E-03	5.51E-04	3.67E-03	5.54E-04	3.66E-03	5.52E-04	1.79E-01	2.50E-02	2.03E+00	3.11E-01
2539	Gridded	3.25E-03	6.56E-04	3.25E-03	6.53E-04	3.39E-03	6.94E-04	3.39E-03	6.94E-04	2.50E-04	3.85E-05	3.25E-03	6.54E-04	4.20E-03	8.18E-04	4.20E-03	8.18E-04	3.25E-03	6.56E-04	3.39E-03	6.94E-04	3.25E-03	6.61E-04	3.25E-03	6.55E-04	3.25E-03	6.58E-04	3.25E-03	6.56E-04	1.84E-01	2.27E-02	1.86E+00	3.73E-01
2540	Gridded	4.78E-03	6.14E-04	4.76E-03	6.12E-04	5.04E-03	6.50E-04	5.04E-03	6.50E-04	2.56E-04	3.39E-05	4.77E-03	6.12E-04	5.90E-03	7.67E-04	5.90E-03	7.67E-04	4.78E-03	6.14E-04	5.04E-03	6.50E-04	4.81E-03	6.19E-04	4.77E-03	6.13E-04	4.80E-03	6.16E-04	4.78E-03	6.15E-04	1.73E-01	2.08E-02	2.58E+00	3.58E-01
2541	Gridded	4.69E-03	5.77E-04	4.68E-03	5.75E-04	4.90E-03	6.09E-04	4.90E-03	6.09E-04	2.24E-04	2.94E-05	4.68E-03	5.76E-04	5.59E-03	7.10E-04	5.59E-03	7.10E-04	4.69E-03	5.78E-04	4.90E-03	6.09E-04	4.72E-03	5.81E-04	4.69E-03	5.77E-04	4.70E-03	5.79E-04	4.69E-03	5.78E-04	1.47E-01	2.06E-02	2.53E+00	3.21E-01
2542	Gridded	3.48E-03	7.02E-04	3.47E-03	6.99E-04	3.58E-03	7.42E-04	3.58E-03	7.42E-04	1.95E-04	3.78E-05	3.47E-03	7.00E-04	4.16E-03	8.73E-04	4.16E-03	8.73E-04	3.48E-03	7.02E-04	3.58E-03	7.42E-04	3.49E-03	7.07E-04	3.48E-03	7.01E-04	3.49E-03	7.05E-04	3.48E-03	7.03E-04	1.47E-01	1.72E-02	1.93E+00	3.98E-01
2543	Gridded	3.89E-03	6.16E-04	3.88E-03	6.14E-04	4.04E-03	6.54E-04	4.04E-03	6.54E-04	1.70E-04	3.53E-05	3.89E-03	6.14E-04	4.50E-03	7.76E-04	4.50E-03	7.76E-04	3.89E-03	6.17E-04	4.04E-03	6.54E-04	3.91E-03	6.21E-04	3.89E-03	6.16E-04	3.90E-03	6.19E-04	3.90E-03	6.17E-04	2.01E-01	1.79E-02	2.09E+00	3.61E-01
2544	Gridded	4.40E-03	4.86E-04	4.39E-03	4.84E-04	4.67E-03	5.18E-04	4.67E-03	5.18E-04	2.47E-04	3.17E-05	4.39E-03	4.84E-04	5.52E-03	6.27E-04	5.52E-03	6.27E-04	4.40E-03	4.86E-04	4.67E-03	5.18E-04	4.44E-03	4.90E-04	4.40E-03	4.85E-04	4.42E-03	4.88E-04	4.41E-03	4.86E-04	1.95E-01	1.87E-02	2.39E+00	2.87E-01
2545	Gridded	4.13E-03	5.10E-04	4.12E-03	5.08E-04	4.29E-03	5.31E-04	4.29E-03	5.31E-04	3.11E-04	3.04E-05	4.12E-03	5.09E-04	4.99E-03	6.11E-04	4.99E-03	6.11E-04	4.13E-03	5.10E-04	4.29E-03	5.31E-04	4.15E-03	5.12E-04	4.12E-03	5.09E-04	4.14E-03	5.11E-04	4.13E-03	5.10E-04	1.41E-01	2.17E-02	2.34E+00	2.94E-01
2546	Gridded	3.82E-03	4.89E-04	3.81E-03	4.87E-04	3.95E-03	5.15E-04	3.95E-03	5.15E-04	2.73E-04	2.89E-05	3.81E-03	4.87E-04	4.36E-03	6.11E-04	4.36E-03	6.11E-04	3.82E-03	4.89E-04	3.95E-03	5.15E-04	3.84E-03	4.92E-04	3.82E-03	4.88E-04	3.83E-03	4.91E-04	3.82E-03	4.89E-04	1.57E-01	2.38E-02	2.26E+00	2.67E-01
2547	Gridded	3.41E-03	5.95E-04	3.40E-03	5.92E-04	3.60E-03	6.30E-04	3.60E-03	6.30E-04	2.08E-04	3.33E-05	3.40E-03	5.93E-04	4.20E-03	7.45E-04	4.20E-03	7.45E-04	3.41E-03	5.95E-04	3.60E-03	6.30E-04	3.43E-03	5.99E-04	3.41E-03	5.94E-04	3.42E-03	5.97E-04	3.41E-03	5.95E-04	1.71E-01	2.37E-02	1.82E+00	3.28E-01
2548	Gridded	3.41E-03	5.77E-04	3.40E-03	5.74E-04	3.62E-03	6.16E-04	3.62E-03	6.16E-04	2.02E-04	3.71E-05	3.40E-03	5.75E-04	4.32E-03	7.44E-04	4.32E-03	7.44E-04	3.41E-03	5.77E-04	3.62E-03	6.16E-04	3.44E-03	5.82E-04	3.41E-03	5.76E-04	3.42E-03	5.79E-04	3.41E-03	5.77E-04	1.49E-01	2.12E-02	1.83E+00	3.24E-01

Scenario 2 Results

2549	Gridded	3.49E-03	4.67E-04	3.48E-03	4.64E-04	3.73E-03	5.04E-04	3.73E-03	5.04E-04	2.21E-04	3.47E-05	3.48E-03	4.65E-04	4.49E-03	6.23E-04	4.49E-03	6.23E-04	3.49E-03	4.67E-04	3.73E-03	5.04E-04	3.52E-03	4.71E-04	3.49E-03	4.66E-04	3.51E-03	4.69E-04	3.50E-03	4.67E-04	1.45E-01	2.00E-02	1.92E+00	2.70E-01
2550	Gridded	3.30E-03	3.80E-04	3.29E-03	3.79E-04	3.54E-03	4.03E-04	3.54E-03	4.03E-04	2.24E-04	2.43E-05	3.29E-03	3.79E-04	4.32E-03	4.76E-04	4.32E-03	4.76E-04	3.31E-03	3.80E-04	3.54E-03	4.03E-04	3.33E-03	3.83E-04	3.30E-03	3.80E-04	3.32E-03	3.81E-04	3.31E-03	3.80E-04	1.56E-01	2.04E-02	1.88E+00	2.07E-01
2551	Gridded	6.12E-03	1.11E-03	6.10E-03	1.11E-03	6.35E-03	1.15E-03	6.35E-03	1.15E-03	2.67E-04	5.31E-05	6.11E-03	1.11E-03	7.09E-03	1.30E-03	7.09E-03	1.30E-03	6.12E-03	1.11E-03	6.35E-03	1.15E-03	6.15E-03	1.11E-03	6.11E-03	1.11E-03	6.13E-03	1.11E-03	6.12E-03	1.11E-03	1.64E-01	4.91E-02	3.25E+00	5.93E-01
2552	Gridded	5.09E-03	1.08E-03	5.07E-03	1.08E-03	5.41E-03	1.14E-03	5.41E-03	1.14E-03	3.47E-04	5.88E-05	5.07E-03	1.08E-03	6.47E-03	1.35E-03	6.47E-03	1.35E-03	5.09E-03	1.08E-03	5.41E-03	1.14E-03	5.13E-03	1.09E-03	5.08E-03	1.08E-03	5.11E-03	1.09E-03	5.09E-03	1.08E-03	1.85E-01	5.29E-02	2.70E+00	5.79E-01
2553	Gridded	4.21E-03	8.13E-04	4.21E-03	8.09E-04	4.29E-03	8.75E-04	4.29E-03	8.75E-04	3.89E-04	5.80E-05	4.21E-03	8.10E-04	5.26E-03	1.08E-03	5.26E-03	1.08E-03	4.21E-03	8.14E-04	4.29E-03	8.75E-04	4.22E-03	8.21E-04	4.21E-03	8.12E-04	4.21E-03	8.17E-04	4.21E-03	8.14E-04	1.90E-01	4.94E-02	2.39E+00	4.37E-01
2554	Gridded	7.19E-03	8.63E-04	7.18E-03	8.60E-04	7.20E-03	9.18E-04	7.20E-03	9.18E-04	4.02E-04	5.11E-05	7.18E-03	8.60E-04	7.27E-03	1.09E-03	7.27E-03	1.09E-03	7.19E-03	8.64E-04	7.20E-03	9.18E-04	7.19E-03	8.70E-04	7.18E-03	8.62E-04	7.19E-03	8.67E-04	7.19E-03	8.64E-04	1.94E-01	4.41E-02	3.81E+00	4.75E-01
2555	Gridded	8.55E-03	9.18E-04	8.55E-03	9.14E-04	8.57E-03	9.75E-04	8.57E-03	9.75E-04	3.35E-04	5.35E-05	8.55E-03	9.15E-04	8.63E-03	1.16E-03	8.63E-03	1.16E-03	8.55E-03	9.18E-04	8.57E-03	9.75E-04	8.55E-03	9.25E-04	8.55E-03	9.17E-04	8.55E-03	9.22E-04	8.55E-03	9.19E-04	2.50E-01	3.08E-02	4.53E+00	5.08E-01
2556	Gridded	5.12E-03	7.47E-04	5.11E-03	7.44E-04	5.16E-03	7.92E-04	5.16E-03	7.92E-04	2.76E-04	4.25E-05	5.12E-03	7.44E-04	5.31E-03	9.38E-04	5.31E-03	9.38E-04	5.12E-03	7.47E-04	5.16E-03	7.92E-04	5.12E-03	7.52E-04	5.12E-03	7.46E-04	5.12E-03	7.49E-04	5.12E-03	7.47E-04	1.70E-01	2.39E-02	2.71E+00	4.25E-01
2557	Gridded	3.48E-03	5.62E-04	3.47E-03	5.60E-04	3.64E-03	5.86E-04	3.64E-03	5.86E-04	3.58E-04	3.12E-05	3.47E-03	5.60E-04	4.69E-03	6.64E-04	4.69E-03	6.64E-04	3.48E-03	5.62E-04	3.64E-03	5.86E-04	3.50E-03	5.65E-04	3.48E-03	5.61E-04	3.49E-03	5.63E-04	3.48E-03	5.62E-04	1.92E-01	2.81E-02	1.86E+00	3.23E-01
2558	Gridded	4.28E-03	7.19E-04	4.26E-03	7.17E-04	4.51E-03	7.56E-04	4.51E-03	7.56E-04	2.17E-04	3.43E-05	4.27E-03	7.17E-04	5.26E-03	8.74E-04	5.26E-03	8.74E-04	4.28E-03	7.19E-04	4.51E-03	7.56E-04	4.31E-03	7.24E-04	4.27E-03	7.18E-04	4.29E-03	7.21E-04	4.28E-03	7.19E-04	1.66E-01	3.42E-02	2.55E+00	3.97E-01
2559	Gridded	3.50E-03	6.37E-04	3.49E-03	6.34E-04	3.57E-03	6.84E-04	3.57E-03	6.84E-04	1.83E-04	4.41E-05	3.49E-03	6.35E-04	3.78E-03	8.36E-04	3.78E-03	8.36E-04	3.50E-03	6.37E-04	3.57E-03	6.84E-04	3.51E-03	6.43E-04	3.50E-03	6.36E-04	3.50E-03	6.40E-04	3.50E-03	6.38E-04	1.63E-01	3.57E-02	2.16E+00	3.52E-01
2560	Gridded	1.95E-03	5.07E-04	1.95E-03	5.05E-04	2.03E-03	5.38E-04	2.03E-03	5.38E-04	1.54E-04	3.13E-05	1.95E-03	5.05E-04	2.32E-03	6.39E-04	2.32E-03	6.39E-04	1.95E-03	5.07E-04	2.03E-03	5.38E-04	1.96E-03	5.11E-04	1.95E-03	5.06E-04	1.96E-03	5.08E-04	1.95E-03	5.07E-04	1.43E-01	3.59E-02	1.10E+00	3.00E-01
2561	Gridded	2.36E-03	4.44E-04	2.35E-03	4.43E-04	2.50E-03	4.70E-04	2.50E-03	4.70E-04	1.39E-04	2.42E-05	2.35E-03	4.43E-04	2.96E-03	5.53E-04	2.96E-03	5.53E-04	2.36E-03	4.44E-04	2.50E-03	4.70E-04	2.37E-03	4.47E-04	2.35E-03	4.44E-04	2.36E-03	4.46E-04	2.36E-03	4.45E-04	1.46E-01	3.07E-02	1.26E+00	2.70E-01
2562	Gridded	2.56E-03	4.11E-04	2.56E-03	4.09E-04	2.63E-03	4.30E-04	2.63E-03	4.30E-04	1.77E-04	1.90E-05	2.56E-03	4.10E-04	2.87E-03	4.93E-04	2.87E-03	4.93E-04	2.56E-03	4.11E-04	2.63E-03	4.30E-04	2.57E-03	4.13E-04	2.56E-03	4.10E-04	2.57E-03	4.12E-04	2.56E-03	4.11E-04	1.44E-01	2.21E-02	1.37E+00	2.41E-01
2563	Gridded	2.71E-03	3.73E-04	2.70E-03	3.71E-04	2.87E-03	3.98E-04	2.87E-03	3.98E-04	1.56E-04	2.42E-05	2.70E-03	3.71E-04	3.41E-03	4.82E-04	3.41E-03	4.82E-04	2.71E-03	3.73E-04	2.87E-03	3.98E-04	2.73E-03	3.76E-04	2.70E-03	3.72E-04	2.72E-03	3.74E-04	2.71E-03	3.73E-04	1.27E-01	2.20E-02	1.45E+00	2.25E-01
2564	Gridded	2.44E-03	4.10E-04	2.43E-03	4.08E-04	2.57E-03	4.39E-04	2.57E-03	4.39E-04	2.04E-04	2.74E-05	2.43E-03	4.08E-04	2.98E-03	5.33E-04	2.98E-03	5.33E-04	2.44E-03	4.10E-04	2.57E-03	4.39E-04	2.46E-03	4.13E-04	2.44E-03	4.09E-04	2.45E-03	4.11E-04	2.44E-03	4.10E-04	1.41E-01	2.56E-02	1.42E+00	2.51E-01
2565	Gridded	2.47E-03	3.34E-04	2.46E-03	3.33E-04	2.61E-03	3.58E-04	2.61E-03	3.58E-04	1.42E-04	2.23E-05	2.46E-03	3.33E-04	3.09E-03	4.35E-04	3.09E-03	4.35E-04	2.47E-03	3.34E-04	2.61E-03	3.58E-04	2.49E-03	3.37E-04	2.47E-03	3.34E-04	2.48E-03	3.36E-04	2.47E-03	3.35E-04	1.18E-01	2.26E-02	1.33E+00	2.15E-01
2566	Gridded	3.57E-03	5.12E-04	3.57E-03	5.10E-04	3.61E-03	5.43E-04	3.61E-03	5.43E-04	2.08E-04	2.92E-05	3.57E-03	5.10E-04	3.76E-03	6.44E-04	3.76E-03	6.44E-04	3.57E-03	5.12E-04	3.61E-03	5.43E-04	3.57E-03	5.16E-04	3.57E-03	5.11E-04	3.57E-03	5.14E-04	3.57E-03	5.12E-04	1.84E-01	2.46E-02	1.91E+00	2.80E-01
2567	Gridded	4.47E-03	4.70E-04	4.46E-03	4.68E-04	4.70E-03	5.00E-04	4.70E-03	5.00E-04	2.12E-04	2.83E-05	4.46E-03	4.68E-04	5.43E-03	5.98E-04	5.43E-03	5.98E-04	4.47E-03	4.70E-04	4.70E-03	5.00E-04	4.50E-03	4.74E-04	4.47E-03	4.69E-04	4.49E-03	4.72E-04	4.47E-03	4.70E-04	1.80E-01	2.33E-02	2.39E+00	2.66E-01
2568	Gridded	4.11E-03	4.54E-04	4.11E-03	4.52E-04	4.24E-03	4.84E-04	4.24E-03	4.84E-04	3.65E-04	2.88E-05	4.11E-03	4.52E-04	4.65E-03	5.84E-04	4.65E-03	5.84E-04	4.11E-03	4.54E-04	4.24E-03	4.84E-04	4.13E-03	4.58E-04	4.11E-03	4.53E-04	4.12E-03	4.56E-04	4.12E-03	4.54E-04	1.92E-01	2.49E-02	2.20E+00	2.70E-01
2569	Gridded	4.10E-03	3.77E-04	4.08E-03	3.75E-04	4.43E-03	3.97E-04	4.43E-03	3.97E-04	3.25E-04	2.50E-05	4.09E-03	3.75E-04	5.49E-03	4.65E-04	5.49E-03	4.65E-04	4.11E-03	3.77E-04	4.43E-03	3.97E-04	4.14E-03	3.79E-04	4.10E-03	3.76E-04	4.12E-03	3.78E-04	4.11E-03	3.77E-04	2.38E-01	2.68E-02	2.19E+00	2.29E-01
2570	Gridded	2.27E-03	3.17E-04	2.26E-03	3.15E-04	2.44E-03	3.36E-04	2.44E-03	3.36E-04	2.31E-04	1.85E-05	2.26E-03	3.16E-04	2.99E-03	3.99E-04	2.99E-03	3.99E-04	2.27E-03	3.17E-04	2.44E-03	3.36E-04	2.29E-03	3.19E-04	2.27E-03	3.16E-04	2.28E-03	3.18E-04	2.27E-03	3.17E-04	2.20E-01	2.59E-02	1.26E+00	1.83E-01
2571	Gridded	2.16E-03	3.48E-04	2.15E-03	3.47E-04	2.28E-03	3.70E-04	2.28E-03	3.70E-04	1.52E-04	2.02E-05	2.15E-03	3.47E-04	2.66E-03	4.39E-04	2.66E-03	4.39E-04	2.16E-03	3.48E-04	2.28E-03	3.70E-04	2.17E-03	3.51E-04	2.15E-03	3.48E-04	2.16E-03	3.49E-04	2.16E-03	3.48E-04	1.31E-01	1.76E-02	1.26E+00	1.93E-01
2572	Gridded	2.50E-03	3.69E-04	2.50E-03	3.67E-04	2.62E-03	3.95E-04	2.62E-03	3.95E-04	1.13E-04	2.45E-05	2.50E-03	3.68E-04	3.00E-03	4.79E-04	3.00E-03	4.79E-04	2.50E-03	3.69E-04	2.62E-03	3.95E-04	2.52E-03	3.72E-04	2.50E-03	3.68E-04	2.51E-03	3.71E-04	2.50E-03	3.69E-04	1.19E-01	1.47E-02	1.22E+00	2.17E-01
2573	Gridded	3.14E-03	4.50E-04	3.13E-03	4.48E-04	3.30E-03	4.80E-04	3.30E-03	4.80E-04	1.54E-04	2.80E-05	3.13E-03	4.48E-04	3.83E-03	5.76E-04	3.83E-03	5.76E-04	3.14E-03	4.50E-04	3.30E-03	4.80E-04	3.16E-03	4.53E-04	3.13E-03	4.49E-04	3.15E-03	4.52E-04	3.14E-03	4.50E-04	1.29E-01	2.32E-02	1.55E+00	2.69E-01
2574	Gridded	2.97E-03	3.93E-04	2.96E-03	3.91E-04	3.18E-03	4.17E-04	3.18E-03	4.17E-04	1.94E-04	2.24E-05	2.96E-03	3.91E-04	3.85E-03	4.94E-04	3.85E-03	4.94E-04	2.98E-03	3.93E-04	3.18E-03	4.17E-04	3.00E-03	3.96E-04	2.97E-03	3.92E-04	2.99E-03	3.94E-04	2.98E-03	3.93E-04	1.32E-01	2.17E-02	1.48E+00	2.43E-01
2575	Gridded	1.99E-03	3.94E-04	1.97E-03	3.92E-04	2.20E-03	4.21E-04	2.20E-03	4.21E-04	1.99E-04	2.59E-05	1.97E-03	3.92E-04	2.88E-03	5.10E-04	2.88E-03	5.10E-04	1.99E-03	3.94E-04	2.20E-03	4.21E-04	2.01E-03	3.97E-04	1.98E-03	3.93E-04	2.00E-03	3.95E-04	1.99E-03	3.94E-04	1.87E-01	2.53E-02	1.06E+00	2.27E-01
2576	Gridded	1.74E-03	5.15E-04	1.73E-03	5.12E-04	1.84E-03	5.47E-04	1.84E-03	5.47E-04	1.47E-04	3.07E-05	1.73E-03	5.13E-04	2.19E-03	6.53E-04	2.19E-03	6.53E-04	1.74E-03	5.15E-04	1.84E-03	5.47E-04	1.75E-03	5.19E-04	1.73E-03	5.14E-04	1.74E-03	5.17E-04	1.74E-03	5.15E-04	1.60E-01	2.08E-02	1.01E+00	3.08E-01
2577	Gridded	1.82E-03	4.82E-04	1.81E-03	4.80E-04	1.95E-03	5.12E-04	1.95E-03	5.12E-04	1.17E-04	2.77E-05	1.81E-03	4.80E-04	2.35E-03	6.07E-04	2.35E-03	6.07E-04	1.82E-03	4.82E-04	1.95E-03	5.12E-04	1.84E-03	4.86E-04	1.82E-03	4.81E-04	1.83E-03	4.84E-04	1.82E-03	4.82E-04	9.90E-02	2.56E-02	1.02E+00	2.81E-01
2578	Gridded	1.94E-03	5.14E-04	1.93E-03	5.12E-04	2.07E-03	5.49E-04	2.07E-03	5.49E-04	1.21E-04	3.20E-05	1.93E-03	5.13E-04	2.49E-03	6.59E-04	2.49E-03	6.59E-04	1.94E-03	5.15E-04	2.07E-03	5.49E-04	1.96E-03	5.19E-04	1.94E-03	5.14E-04	1.95E-03	5.17E-04	1.94E-03	5.15E-04	1.01E-01	1.86E-02	1.10E+00	2.94E-01
2579	Gridded	2.08E-03	5.49E-04	2.07E-03	5.46E-04	2.19E-03	5.83E-04	2.19E-03	5.83E-04	1.46E-04	3.27E-05	2.07E-03	5.47E-04	2.56E-03	6.96E-04	2.56E-03	6.96E-04	2.08E-03	5.49E-04	2.19E-03	5.83E-04	2.09E-03	5.53E-04	2.08E-03	5.48E-04	2.09E-03	5.51E-04	2.08E-03	5.49E-04	9.78E-02	1.76E-02	1.15E+00	3.14E-01
2580	Gridded	2.94E-03	4.98E-04	2.93E-03	4.96E-04	3.10E-03	5.27E-04	3.10E-03	5.27E-04	1.54E-04	2.94E-05	2.94E-03	4.96E-04	3.59E-03	6.21E-04	3.59E-03	6.21E-04	2.94E-03	4.98E-04	3.10E-03	5.27E-04	2.96E-03	5.01E-04	2.94E-03	4.97E-04	2.95E-03	4.99E-04	2.95E-03	4.98E-04	1.04E-01	2.24E-02	1.55E+00	2.92E-01
2581	Gridded	3.19E-03	4.00E-04	3.19E-03	3.99E-04	3.31E-03	4.21E-04	3.31E-03	4.21E-04	2.23E-04	2.13E-05	3.19E-03	3.99E-04	3.92E-03	4.90E-04	3.92E-03	4.90E-04	3.19E-03	4.00E-04	3.31E-03	4.21E-04	3.21E-03	4.03E-04	3.19E-03	4.00E-04	3.20E-03	4.01E-04	3.19E-03	4.00E-04	1.09E-01	2.35E-02	1.67E+00	2.48E-01
2582	Gridded	3.79E-03	5.51E-04	3.77E-03	5.49E-04	4.07E-03	5.89E-04	4.07E-03	5.89E-04	3.26E-04	3.54E-05	3.77E-03	5.49E-04	4.97E-03	7.11E-04	4.97E-03	7.11E-04	3.79E-03	5.51E-04	4.07E-03	5.89E-04	3.82E-03	5.56E-04	3.78E-03	5.51E-04	3.80E-03	5.54E-04	3.79E-03	5.52E-04	1.00E-01	2.53E-02	2.05E+00	3.01E-01
2583	Gridded	4.32E-03	4.17E-04	4.30E-03	4.15E-04	4.59E-03	4.46E-04	4.59E-03	4.46E-04	2.60E-04	2.71E-05	4.31E-03	4.16E-04	5.45E-03	5.39E-04	5.45E-03	5.39E-04	4.32E-03	4.17E-04	4.59E-03	4.46E-04	4.35E-03	4.21E-04	4.31E-03	4.17E-04	4.34E-03	4.19E-04	4.32E-03	4.18E-04	1.72E-01	3.08E-02	2.28E+00	2.45E-01
2584	Gridded	4.18E-03	4.54E-04	4.16E-03	4.52E-04	4.47E-03	4.81E-04	4.47E-03	4.81E-04	2.69E-04	2.49E-05	4.17E-03	4.53E-04	5.39E-03	5.66E-04	5.39E-03	5.66E-04	4.18E-03	4.54E-04	4.47E-03	4.81E-04	4.22E-03	4.57E-04	4.17E-03	4.54E-04	4.20E-03	4.56E-04	4.18E-03	4.54E-04	3.12E-01	2.77E-02	2.21E+00	2.59E-01
2585	Gridded	3.60E-03	4.63E-04	3.58E-03	4.62E-04	3.81E-03	4.92E-04	3.81E-03	4.92E-04	2.06E-04	2.71E-05	3.58E-03	4.62E-04	4.52E-03	5.86E-04	4.52E-03	5.86E-04	3.60E-03	4.64E-04	3.81E-03	4.92E-04	3.62E-03	4.67E-04	3.59E-03	4.63E-04	3.61E-03	4.65E-04	3.60E-03	4.64E-04	4.13E-01	2.95E-02	1.92E+00	2.84E-01
2586	Gridded	4.31E-03	4.34E-04	4.29E-03	4.32E-04	4.57E-03	4.62E-04	4.57E-03	4.62E-04	2.49E-04	2.76E-05	4.29E-03	4.32E-04	5.43E-03	5.54E-04	5.43E-03	5.54E-04	4.31E-03	4.34E-04	4.57E-03	4.62E-04	4.34E-03	4.38E-04	4.30E-03	4.33E-04	4.32E-03	4.36E-04	4.31E-03	4.34E-04	3.80E-01	2.65E-02	2.31E+00	2.53E-01
2587	Gridded	3.74E-03	4.10E-04	3.74E-03	4.08E-04	3.77E-03	4.35E-04	3.77E-03	4.35E-04	2.60E-04	2.47E-05	3.74E-03	4.09E-04	4.12E-03	5.15E-04	4.12E-03	5.15E-04	3.74E-03	4.10E-04	3.77E-03	4.35E-04	3.74E-03	4.13E-04	3.74E-03	4.09E-04	3.74E-03	4.11E-04	3.74E-03	4.10E-04	2.22E-01	2.66E-02	2.11E+00	2.30E-01
2588	Gridded	4.52E-03	5.37E-04	4.52E-03	5.35E-04	4.57E-03	5.68E-04	4.57E-03	5.68E-04	2.01E-04	2.95E-05	4.52E-03	5.35E-04	4.73E-03	6.70E-04	4.73E-03	6.70E-04	4.52E-03	5.37E-04	4.57E-03	5.68E-04	4.53E-03	5.41E-04	4.52E-03	5.36E-04	4.53E-03	5.39E-04	4.52E-03	5.37E-04	1.52E-01	2.50E-02	2.60E+00	2.90E-01
2589	Gridded	3.93E-03	5.58E-04	3.92E-03	5.55E-04	4.19E-03	5.91E-04	4.19E-03	5.91E-04	2.44E-04	3.16E-05	3.92E-03	5.56E-04	5.03E-03	7.00E-04	5.03E-03	7.00E-04	3.94E-03	5.58E-04	4.19E-03	5.91E-04	3.97E-03	5.62E-04	3.93E-03	5.57E-04	3.95E-03	5.60E-04	3.94E-03	5.58E-04	1.77E-01	2.46E-02	2.25E+00	3.09E-01
2590	Gridded	3.25E-03	6.01E-04	3.23E-03	5.99E-04	3.46E-03	6.39E-04	3.46E-03	6.39E-04	2.55E-04	3.59E-05	3.23E-03	5.99E-04	4.15E-03	7.63E-04	4.15E-03	7.63E-04	3.25E-03	6.01E-04	3.46E-03	6.39E-04	3.27E-03	6.06E-04	3.24E-03	6.01E-04	3.26E-03	6.04E-04	3.25E-03	6.02E-04	1.72E-01	2.41E-02	1.86E+00	3.42E-01
2591	Gridded	3.60E-03	6.45E-04	3.58E-03	6.43E-04	3.87E-03	6.82E-04	3.87E-03	6.82E-04	2.56E-04	3.55E-05	3.59E-03	6.43E-04	4.75E-03	8.03E-04	4.75E-03	8.03E-04	3.60E-03	6.45E-04	3.87E-03	6.82E-04	3.63E-03	6.50E-04	3.60E-03	6.44E-04	3.62E-03	6.47E-04	3.60E-03	6.45E-04	1.79E-01	1.97E-02	1.93E+00	3.70E-01
2592	Gridded	4.93E-03	5.33E-04	4.92E-03	5.31E-04	5.18E-03	5.64E-04	5.18E-03	5.64E-04	2.52E-04	2.92E-05	4.92E-03	5.31E-04	5.99E-03	6.65E-04	5.99E-03	6.65E-04	4.93E-03	5.33E-04	5.18E-03	5.64E-04	4.96E-03	5.37E-04	4.93E-03	5.32E-04	4.95E-03	5.35E-04	4.94E-03	5.33E-04	1.49E-01	2.05E-02	2.67E+00	3.15E-01
2593	Gridded	4.51E-03	6.35E-04	4.49E-03	6.32E-04	4.70E-03	6.69E-04	4.70E-03	6.69E-04	2.07E-04	3.27E-05	4.50E-03	6.33E-04	5.31E-03	7.82E-04	5.31E-03	7.82E-04	4.51E-03	6.35E-04	4.70E-03	6.69E-04	4.53E-03	6.39E-04	4.50E-03	6.34E-04	4.52E-03	6.37E-04	4.51E-03	6.35E-04	1.40E-01	1.84E-02	2.43E+00	3.54E-01
2594	Gridded	3.10E-03	6.73E-04	3.10E-03	6.71E-04	3.21E-03	7.12E-04	3.21E-03	7.12E-04	1.77E-04	3.66E-05	3.10E-03	6.71E-04	3.80E-03	8.38E-04	3.80E-03	8.38E-04	3.10E-03	6.73E-04	3.21E-03	7.12E-04	3.12E-03	6.78E-04	3.10E-03	6.72E-04	3.11E-03	6.75E-04	3.11E-03	6.74E-04	1.51E-01	1.58E-02	1.77E+00	3.85E-01
2595	Gridded	4.04E-03	5.53E-04	4.03E-03	5.51E-04	4.20E-03	5.87E-04	4.20E-03	5.87E-04	1.88E-04	3.17E-05	4.04E-03	5.51E-04	4.72E-03	6.96E-04	4.72E-03	6.96E-04	4.05E-03	5.53E-04	4.20E-03	5.87E-04	4.06E-03	5.57E-04	4.04E-03	5.52E-04	4.05E-03	5.55E-04	4.05E-03	5.53E-04	2.07E-01	1.79E-02	2.18E+00	3.27E-01
2596	Gridded	4.28E-03	4.64E-04	4.26E-03	4.62E-04	4.54E-03	4.94E-04	4.54E-03	4.94E-04	2.49E-04	2.94E-05	4.26E-03	4.63E-04	5.40E-03	5.91E-04	5.40E-03	5.91E-04	4.28E-03	4.65E-04	4.54E-03	4.94E-04	4.31E-03	4.68E-04	4.27E-03	4.64E-04	4.29E-03	4.66E-04	4.28E-03	4.65E-04	1.91E-01	1.76E-02	2.33E+00	2.72E-01
2597	Gridded	4.00E-03	4.83E-04	3.99E-03	4.82E-04	4.14E-03	5.03E-04	4.14E-03	5.03E-04	3.01E-04	2.89E-05	3.99E-03	4.82E-04	4.79E-03	5.70E-04	4.79E-03	5.70E-04	4.00E-03	4.83E-04	4.14E-03	5.03E-04	4.02E-03	4.86E-04	4.00E-03	4.83E-04	4.01E-03	4.84E-04	4.00E-03	4.83E-04	1.36E-01	2.10E-02	2.26E+00	2.78E-01
2598	Gridded	4.01E-03	4.77E-04	4.01E-03	4.75E-04	4.14E-03	5.02E-04	4.14E-03	5.02E-04	2.74E-04	2.79E-05	4.01E-03	4.75E-04	4.53E-03	5.98E-04	4.53E-03	5.98E-04	4.01E-03	4.77E-04	4.14E-03	5.02E-04	4.03E-03	4.80E-04	4.01E-03	4.76E-04	4.02E-03	4.78E-04	4.02E-03	4.77E-04	1.57E-01	2.23E-02	2.35E+00	2.64E-01
2599	Gridded	2.95E-03	5.34E-04	2.94E-03	5.32E-04	3.10E-03	5.66E-04	3.10E-03	5.66E-04	1.94E-04	2.99E-05	2.94E-03	5.32E-04	3.62E-03	6.69E-04	3.62E-03	6.69E-04	2.95E-03	5.34E-04	3.10E-03	5.66E-04	2.97E-03	5.38E-04	2.94E-03	5.33E-04	2.96E-03	5.36E-04	2.95E-03	5.34E-04	1.60E-01	2.13E-02	1.79E+00	2.94E-01
2600	Gridded	3.00E-03	5.17E-04	2.99E-03	5.14E-04	3.18E-03	5.52E-04	3.18E-03	5.52E-04	1.74E-04	3.30E-05	2.99E-03	5.15E-04	3.78E-03	6.65E-04	3.78E-03	6.65E-04	3.00E-03	5.17E-04	3.18E-03	5.52E-04	3.02E-03	5.21E-04	3.00E-03	5.16E-04	3.01E-03	5.19E-04	3.00E-03	5.17E-04	1.41E-01	1.90E-02	1.61E+00	2.90E-01
2601	Gridded	3.26E-03	4.69E-04	3.25E-03	4.67E-04	3.47E-03	5.06E-04	3.47E-03	5.06E-04	1.96E-04	3.42E-05	3.25E-03	4.67E-04	4.15E-03	6.24E-04	4.15E-03	6.24E-04	3.26E-03	4.69E-04	3.47E-03	5.06E-04	3.29E-03	4.74E-04	3.26E-03	4.69E-04	3.27E-03	4.71E-04	3.26E-03	4.70E-04	1.28E-01	1.85E-02	1.77E+00	2.70E-01
2786	Gridded	1.02E-02	1.40E-03	1.01E-02	1.39E-03	1.20E-02	1.50E-03	1.20E-02	1.50E-03	1.67E-03	1.12E-04	1.01E-02	1.39E-03	1.78E-02	1.85E-03	1.78E-02	1.85E-03	1.02E-02	1.40E-03	1.20E-02	1.50E-03	1.05E-02	1.41E-03	1.02E-02	1.39E-03	1.03E-02	1.40E-03	1.03E-02	1.40E-03	1.01E+00	1.14E-01	8.05E+00	9.21E-01
2787	Gridded	1.53E-02	1.58E-03	1.52E-02	1.57E-03	1.71E-02	1.69E-03	1.71E-02	1.69E-03	1.75E-03	1.17E-04	1.52E-02	1.57E-03	2.32E-02	2.05E-03	2.32E-02	2.05E-03	1.53E-02	1.58E-03	1.71E-02	1.69E-03	1.55E-02	1.59E-03	1.52E-02	1.58E-03	1.54E-02	1.59E-03	1.53E-02	1.58E-03	8.62E-01	1.27E-01	1.05E+01	1.04E+00
2788	Gridded	1.99E-02	1.71E-03	1.98E-02	1.70E-03	2.13E-02	1.82E-03	2.13E-02	1.82E-03	1.38E-03	1.03E-04	1.98E-02	1.71E-03	2.61E-02	2.17E-03	2.61E-02	2.17E-03	1.99E-02	1.71E-03	2.13E-02	1.82E-03	2.00E-02	1.73E-03	1.98E-02	1.71E-03	2.00E-02	1.72E-03	1.99E-02	1.71E-03	6.44E-01	1.38E-01	1.26E+01	1.11E+00
2789	Gridded	2.10E-02	1.76E-03	2.09E-02	1.75E-03	2.18E-02	1.86E-03	2.18E-02	1.86E-03	7.73E-04	9.46E-05	2.09E-02	1.75E-03	2.45E-02	2.19E-03	2.45E-02	2.19E-03	2.10E-02	1.76E-03	2.18E-02	1.86E-03	2.11E-02	1.77E-03	2.10E-02	1.76E-03	2.10E-02	1.77E-03	2.10E-02	1.76E-03	7.27E-01	1.53E-01	1.27E+01	1.13E+00
2790	Gridded	1.68E-02	1.71E-03	1.68E-02	1.71E-03	1.71E-02	1.80E-03	1.71E-02	1.80E-03	7.72E-04	8.41E-05	1.68E-02	1.71E-03	1.81E-02	2.09E-03	1.81E-02	2.09E-03	1.68E-02	1.71E-03	1.71E-02	1.80E-03	1.68E-02	1.73E-03	1.68E-02	1.71E-03	1.68E-02	1.72E-03	1.68E-02	1.72E-03	7.82E-01	1.57E-01	9.94E+00	1.08E+00
2791	Gridded	1.33E-02	1.59E-03	1.33E-02	1.58E-03	1.41E-02	1.67E-03	1.41E-02	1.67E-03	7.37E-04	9.75E-05	1.33E-02	1.58E-03	1.66E-02	1.92E-03	1.66E-02	1.92E-03	1.33E-02	1.59E-03	1.41E-02	1.67E-03	1.34E-02	1.60E-03	1.33E-02	1.59E-03	1.34E-02	1.59E-03	1.33E-02	1.59E-03	7.30E-01	1.51E-01	7.65E+00	9.90E-01
2792	Gridded	1.25E-02	1.41E-03	1.25E-02	1.40E-03	1.32E-02	1.47E-03	1.32E-02	1.47E-03	7.86E-04	1.08E-04	1.25E-02	1.40E-03	1.54E-02	1.69E-03	1.54E-02	1.69E-03	1.25E-02	1.41E-03	1.32E-02	1.47E-03	1.26E-02	1.42E-03	1.25E-02	1.41E-03	1.26E-02	1.41E-03	1.25E-02	1.41E-03	8.86E-01	1.37E-01	7.34E+00	8.68E-01
2793	Gridded	1.09E-02	1.20E-03	1.08E-02	1.20E-03	1.15E-02	1.26E-03	1.15E-02	1.26E-03	8.60E-04	1.08E-04	1.08E-02	1.20E-03	1.40E-02	1.47E-03	1.40E-02	1.47E-03	1.09E-02	1.20E-03	1.15E-02	1.26E-03	1.09E-02	1.21E-03	1.08E-02	1.20E-03	1.09E-02	1.21E-03	1.09E-02	1.20E-03	9.81E-01	1.23E-01	6.62E+00	7.69E-01
2794	Gridded	1.14E-02	1.10E-03	1.13E-02	1.10E-03	1.23E-02	1.19E-03	1.23E-02	1.19E-03	8.60E-04	9.66E-05	1.13E-02	1.10E-03	1.53E-02	1.47E-03	1.53E-02	1.47E-03	1.14E-02	1.11E-03	1.23E-02	1.19E-03	1.15E-02	1.12E-03	1.14E-02	1.10E-03	1.14E-02	1.11E-03	1.14E-02	1.11E-03	9.78E-01	1.13E-01	7.52E+00	7.22E-01
2795	Gridded	1.15E-02	1.13E-03	1.15E-02	1.13E-03	1.24E-02	1.20E-03	1.24E-02	1.20E-03	7.73E-04	8.33E-05	1.15E-02	1.13E-03	1.50E-02	1.42E-03	1.50E-02	1.42E-03	1.15E-02	1.13E-03	1.24E-02	1.20E-03	1.16E-02	1.14E-03	1.15E-02	1.13E-03	1.16E-02	1.14E-03	1.15E-02	1.13E-03	1.01E+00	1.06E-01	7.73E+00	7.49E-01
2796	Gridded	1.05E-02	1.19E-03	1.04E-02	1.18E-03	1.13E-02	1.26E-03	1.13E-02	1.26E-03	8.66E-04	9.95E-05	1.04E-02	1.18E-03	1.39E-02	1.51E-03	1.39E-02	1.51E-03	1.05E-02	1.19E-03	1.13E-02	1.26E-03	1.06E-02	1.20E-03	1.04E-02	1.18E-03	1.05E-02	1.19E-03	1.05E-02	1.19E-03	1.04E+00	9.60E-02	7.04E+00	8.00E-01
2797	Gridded	1.32E-02	1.34E-03	1.31E-02	1.33E-03	1.44E-02	1.46E-03	1.44E-02	1.46E-03	1.14E-03	1.10E-04	1.31E-02	1.34E-03	1.84E-02	1.84E-03	1.84E-02	1.84E-03	1.32E-02	1.34E-03	1.44E-02	1.46E-03	1.34E-02	1.36E-03	1.32E-02	1.34E-03	1.33E-02	1.35E-03	1.32E-02	1.34E-03	7.70E-01	9.94E-02	8.26E+00	8.92E-01
2798	Gridded	1.80E-02	1.58E-03	1.79E-02	1.57E-03	1.95E-02	1.70E-03	1.95E-02	1.70E-03	1.34E-03	1.16E-04	1.80E-02	1.57E-03	2.41E-02	2.10E-03	2.41E-02	2.10E-03	1.80E-02	1.58E-03	1.95E-02	1.70E-03	1.82E-02	1.59E-03	1.80E-02	1.58E-03	1.81E-02	1.59E-03	1.81E-02	1.58E-03	6.41E-01	9.71E-02	1.06E+01	1.02E+00
2799	Gridded	2.22E-02	1.72E-03	2.21E-02	1.71E-03	2.37E-02	1.84E-03	2.37E-02	1.84E-03	1.40E-03	1.17E-04	2.22E-02	1.71E-03	2.85E-02	2.25E-03	2.85E-02	2.25E-03	2.22E-02	1.72E-03	2.37E-02	1.84E-03	2.24E-02	1.74E-03	2.22E-02	1.72E-03	2.23E-02	1.73E-03	2.23E-02	1.72E-03	7.56E-01	9.33E-02	1.31E+01	1.10E+00
2800	Gridded	2.46E-02	1.79E-03	2.45E-02	1.78E-03	2.60E-02	1.91E-03	2.60E-02	1.91E-03	1.28E-03	1.11E-04	2.45E-02	1.78E-03	3.04E-02	2.29E-03	3.04E-02	2.29E-03	2.46E-02	1.79E-03	2.60E-02	1.91E-03	2.48E-02	1.80E-03	2.46E-02	1.79E-03	2.47E-02	1.79E-03	2.46E-02	1.79E-03	9.71E-01	9.92E-02	1.45E+01	1.13E+00
2801	Gridded	2.42E-02	1.78E-03	2.41E-02	1.78E-03	2.53E-02	1.89E-03	2.53E-02	1.89E-03	1.03E-03	1.00E-04	2.41E-02	1.78E-03	2.88E-02	2.24E-03	2.88E-02	2.24E-03	2.42E-02	1.78E-03	2.53E-02	1.89E-03	2.43E-02	1.80E-03	2.42E-02	1.78E-03	2.43E-02	1.79E-03	2.42E-02	1.79E-03	1.17E+00	1.05E-01	1.41E+01	1.12E+00
2802	Gridded	2.10E-02	1.69E-03	2.10E-02	1.68E-03	2.18E-02	1.78E-03	2.18E-02	1.78E-03	9.63E-04	8.69E-05	2.10E-02	1.69E-03	2.42E-02	2.08E-03	2.42E-02	2.08E-03	2.10E-02	1.69E-03	2.18E-02	1.78E-03	2.11E-02	1.70E-03	2.10E-02	1.69E-03	2.11E-02	1.70E-03	2.10E-02	1.69E-03	1.32E+00	1.13E-01	1.22E+01	1.06E+00
2803	Gridded	1.60E-02	1.52E-03	1.60E-02	1.52E-03	1.65E-02	1.60E-03	1.65E-02	1.60E-03	1.00E-03	7.26E-05	1.60E-02	1.52E-03	1.80E-02	1.84E-03	1.80E-02	1.84E-03	1.60E-02	1.52E-03	1.65E-02	1.60E-03	1.61E-02	1.53E-03	1.60E-02	1.52E-03	1.61E-02	1.53E-03	1.61E-02	1.52E-03	1.37E+00	1.24E-01	9.21E+00	9.51E-01
2804	Gridded	1.51E-02	1.40E-03	1.51E-02	1.39E-03	1.61E-02	1.47E-03	1.61E-02	1.47E-03	9.12E-04	6.73E-05	1.51E-02	1.40E-03	1.92E-02	1.70E-03	1.92E-02	1.70E-03	1.51E-02	1.40E-03	1.61E-02	1.47E-03	1.52E-02	1.41E-03	1.51E-02	1.40E-03	1.52E-02	1.40E-03	1.51E-02	1.40E-03	1.29E+00	1.22E-01	9.04E+00	8.32E-01
2805	Gridded	1.61E-02	1.34E-03	1.61E-02	1.34E-03	1.69E-02	1.40E-03	1.69E-02	1.40E-03	7.24E-04	6.41E-05	1.61E-02	1.34E-03	1.94E-02	1.61E-03	1.94E-02	1.61E-03	1.62E-02	1.34E-03	1.69E-02	1.40E-03	1.62E-02	1.35E-03	1.61E-02	1.34E-03	1.62E-02	1.34E-03	1.62E-02	1.34E-03	1.06E+00	1.07E-01	9.43E+00	7.94E-01
2806	Gridded	1.49E-02	1.26E-03	1.49E-02	1.25E-03	1.55E-02	1.31E-03	1.55E-02	1.31E-03	8.05E-04	7.20E-05	1.49E-02	1.25E-03	1.72E-02	1.50E-03	1.72E-02	1.50E-03	1.49E-02	1.26E-03	1.55E-02	1.31E-03	1.50E-02	1.26E-03	1.49E-02	1.25E-03	1.49E-02	1.26E-03	1.49E-02	1.26E-03	7.70E-01	8.90E-02	8.54E+00	7.41E-01
2807	Gridded	1.57E-02	1.16E-03	1.56E-02	1.15E-03	1.66E-02	1.21E-03	1.66E-02	1.21E-03	9.02E-04	8.15E-05	1.56E-02	1.15E-03	1.97E-02	1.37E-03	1.97E-02	1.37E-03	1.57E-02	1.16E-03	1.66E-02	1.21E-03	1.58E-02	1.16E-03	1.57E-02	1.15E-03	1.57E-02	1.16E-03	1.57E-02	1.16E-03	6.53E-01	8.10E-02	9.29E+00	6.78E-01
2808	Gridded	1.75E-02	1.17E-03	1.74E-02	1.16E-03	1.85E-02	1.27E-03	1.85E-02	1.27E-03	1.01E-03	9.65E-05	1.74E-02	1.16E-03	2.17E-02	1.60E-03	2.17E-02	1.60E-03	1.75E-02	1.17E-03	1.85E-02	1.27E-03	1.76E-02	1.18E-03	1.75E-02	1.16E-03	1.76E-02	1.17E-03	1.75E-02	1.17E-03	6.84E-01	9.64E-02	1.03E+01	7.70E-01
2809	Gridded	1.86E-02	1.34E-03	1.85E-02	1.34E-03	1.96E-02	1.46E-03	1.96E-02	1.46E-03	1.05E-03	1.10E-04	1.85E-02	1.34E-03	2.29E-02	1.84E-03	2.29E-02	1.84E-03	1.86E-02	1.35E-03	1.96E-02	1.46E-03	1.87E-02	1.36E-03	1.86E-02	1.34E-03	1.86E-02	1.35E-03	1.86E-02	1.35E-03	6.36E-01	1.10E-01	1.09E+01	8.96E-01
2810	Gridded	1.89E-02	1.56E-03	1.89E-02	1.56E-03	1.99E-02	1.68E-03	1.99E-02	1.68E-03	1.00E-03	1.13E-04	1.89E-02	1.56E-03	2.32E-02	2.07E-03	2.32E-02	2.07E-03	1.89E-02	1.56E-03	1.99E-02	1.68E-03	1.91E-02	1.58E-03	1.89E-02	1.56E-03	1.90E-02	1.57E-03	1.89E-02	1.57E-03	6.06E-01	1.06E-01	1.11E+01	1.01E+00
2811	Gridded	1.85E-02	1.79E-03	1.85E-02	1.78E-03	1.95E-02	1.90E-03	1.95E-02	1.90E-03	9.31E-04	1.04E-04	1.85E-02	1.78E-03	2.27E-02	2.26E-03	2.27E-02	2.26E-03	1.85E-02	1.79E-03	1.95E-02	1.90E-03	1.87E-02	1.80E-03	1.85E-02	1.79E-03	1.86E-02	1.80E-03	1.86E-02	1.79E-03	6.64E-01	8.75E-02	1.07E+01	1.10E+00
2812	Gridded	1.75E-02	1.87E-03	1.75E-02	1.87E-03	1.85E-02	1.96E-03	1.85E-02	1.96E-03	9.04E-04	8.67E-05	1.75E-02	1.87E-03	2.16E-02	2.26E-03	2.16E-02	2.26E-03	1.75E-02	1.87E-03	1.85E-02	1.96E-03	1.76E-02	1.88E-03	1.75E-02	1.87E-03	1.76E-02	1.88E-03	1.75E-02	1.87E-03	6.97E-01	6.34E-02	1.01E+01	1.11E+00
2813	Gridded	1.61E-02	1.79E-03	1.60E-02	1.79E-03	1.70E-02	1.87E-03	1.70E-02	1.87E-03	8.69E-04	8.88E-05	1.60E-02	1.79E-03	2.00E-02	2.10E-03	2.00E-02	2.10E-03	1.61E-02	1.79E-03	1.70E-02	1.87E-03	1.62E-02	1.80E-03	1.61E-02	1.79E-03	1.62E-02	1.80E-03	1.61E-02	1.79E-03	7.13E-01	8.43E-02	9.19E+00	1.04E+00
2814	Gridded	1.45E-02	1.56E-03	1.44E-02	1.55E-03	1.53E-02	1.61E-03	1.53E-02	1.61E-03	8.21E-04	1.08E-04	1.44E-02	1.55E-03	1.82E-02	1.80E-03	1.82E-02	1.80E-03	1.45E-02	1.56E-03	1.53E-02	1.61E-03	1.46E-02	1.56E-03	1.45E-02	1.55E-03	1.45E-02	1.56E-03	1.45E-02	1.56E-03	6.70E-01	9.99E-02	8.19E+00	8.95E-01
2815	Gridded	1.27E-02	1.27E-03	1.27E-02	1.26E-03	1.35E-02	1.40E-03	1.35E-02	1.40E-03	7.44E-04	1.20E-04	1.27E-02	1.26E-03	1.61E-02	1.81E-03	1.61E-02	1.81E-03	1.27E-02	1.27E-03	1.35E-02	1.40E-03	1.28E-02	1.29E-03	1.27E-02	1.27E-03	1.28E-02	1.28E-03	1.28E-02	1.27E-03	5.53E-01	1.08E-01	7.17E+00	8.75E-01
2816	Gridded	1.11E-02	1.55E-03	1.11E-02	1.54E-03	1.18E-02	1.68E-03	1.18E-02	1.68E-03	6.44E-04	1.39E-04	1.11E-02	1.54E-03	1.40E-02	2.16E-03	1.40E-02	2.16E-03	1.11E-02	1.55E-03	1.18E-02	1.68E-03	1.12E-02	1.56E-03	1.11E-02	1.54E-03	1.11E-02	1.55E-03	1.11E-02	1.55E-03	5.92E-01	1.15E-01	6.22E+00	1.03E+00
2817	Gridded	7.43E-03	1.28E-03	7.40E-03	1.28E-03	7.98E-03	1.39E-03	7.98E-03	1.39E-03	1.24E-03	1.04E-04	7.40E-03	1.28E-03	1.07E-02	1.75E-03	1.07E-02	1.75E-03	7.43E-03	1.28E-03	7.98E-03	1.39E-03	7.50E-03	1.30E-03	7.42E-03	1.28E-03	7.46E-03	1.29E-03	7.44E-03	1.29E-03	1.16E+00	9.96E-02	5.24E+00	8.38E-01
2818	Gridded	9.26E-03	1.55E-03	9.15E-03	1.54E-03	1.09E-02	1.67E-03	1.09E-02	1.67E-03	1.56E-03	1.15E-04	9.16E-03	1.54E-03	1.63E-02	2.07E-03	1.63E-02	2.07E-03	9.26E-03	1.55E-03	1.09E-02	1.67E-03	9.46E-03	1.57E-03	9.22E-03	1.55E-03	9.35E-03	1.56E-03	9.27E-03	1.55E-03	1.08E+00	1.16E-01	7.69E+00	1.01E+00
2819	Gridded	1.45E-02	1.77E-03	1.44E-02	1.76E-03	1.61E-02	1.89E-03	1.61E-02	1.89E-03	1.49E-03	1.17E-04	1.44E-02	1.76E-03	2.12E-02	2.29E-03	2.12E-02	2.29E-03	1.45E-02	1.77E-03	1.61E-02	1.89E-03	1.47E-02	1.78E-03	1.45E-02	1.77E-03	1.46E-02	1.78E-03	1.45E-02	1.77E-03	9.33E-01	1.29E-01	1.05E+01	1.15E+00
2820	Gridded	1.85E-02	1.90E-03	1.84E-02	1.89E-03	1.96E-02	2.01E-03	1.96E-02	2.01E-03	1.05E-03	1.11E-04	1.85E-02	1.89E-03	2.33E-02	2.40E-03	2.33E-02	2.40E-03	1.85E-02	1.90E-03	1.96E-02	2.01E-03	1.87E-02	1.91E-03	1.85E-02	1.89E-03	1.86E-02	1.90E-03	1.85E-02	1.90E-03	6.93E-01	1.44E-01	1.23E+01	1.23E+00
2821	Gridded	1.82E-02	1.90E-03	1.82E-02	1.90E-03	1.87E-02	2.01E-03	1.87E-02	2.01E-03	8.57E-04	1.01E-04	1.82E-02	1.90E-03	2.04E-02	2.36E-03	2.04E-02	2.36E-03	1.82E-02	1.90E-03	1.87E-02	2.01E-03	1.83E-02	1.92E-03	1.82E-02	1.90E-03	1.82E-02	1.91E-03	1.82E-02	1.90E-03	7.69E-01	1.60E-01	1.15E+01	1.23E+00
2822	Gridded	1.48E-02	1.81E-03	1.48E-02	1.81E-03	1.57E-02	1.91E-03	1.57E-02	1.91E-03	8.55E-04	8.91E-05	1.48E-02	1.81E-03	1.87E-02	2.21E-03	1.87E-02	2.21E-03	1.48E-02	1.81E-03	1.57E-02	1.91E-03	1.50E-02	1.82E-03	1.48E-02	1.81E-03	1.49E-02	1.82E-03	1.49E-02	1.81E-03	8.24E-01	1.64E-01	8.40E+00	1.16E+00
2823	Gridded	1.46E-02	1.66E-03	1.45E-02	1.66E-03	1.54E-02	1.75E-03	1.54E-02	1.75E-03	7.88E-04	1.01E-04	1.46E-02	1.66E-03	1.81E-02	2.01E-03	1.81E-02	2.01E-03	1.46E-02	1.66E-03	1.54E-02	1.75E-03	1.47E-02	1.67E-03	1.46E-02	1.66E-03	1.46E-02	1.67E-03	1.46E-02	1.66E-03	8.13E-01	1.54E-01	8.40E+00	1.05E+00
2824	Gridded	1.30E-02	1.47E-03	1.30E-02	1.46E-03	1.37E-02	1.53E-03	1.37E-02	1.53E-03	9.09E-04	1.08E-04	1.30E-02	1.46E-03	1.58E-02	1.75E-03	1.58E-02	1.75E-03	1.30E-02	1.47E-03	1.37E-02	1.53E-03	1.31E-02	1.48E-03	1.30E-02	1.47E-03	1.30E-02	1.47E-03	1.30E-02	1.47E-03	9.64E-01	1.37E-01	7.67E+00	9.09E-01
2825	Gridded	1.20E-02	1.24E-03	1.20E-02	1.23E-03	1.28E-02	1.29E-03	1.28E-02	1.29E-03	9.49E-04	1.01E-04	1.20E-02	1.23E-03	1.61E-02	1.46E-03	1.61E-02	1.46E-03	1.20E-02	1.24E-03	1.28E-02	1.29E-03	1.21E-02	1.24E-03	1.20E-02	1.24E-03	1.20E-02	1.24E-03	1.20E-02	1.24E-03	9.71E-01	1.23E-01	7.72E+00	7.60E-01
2826	Gridded	1.25E-02	1.11E-03	1.25E-02	1.11E-03	1.35E-02	1.19E-03	1.35E-02	1.19E-03	8.84E-04	8.77E-05	1.25E-02	1.11E-03	1.65E-02	1.44E-03	1.65E-02	1.44E-03	1.25E-02	1.11E-03	1.35E-02	1.19E-03	1.26E-02	1.12E-03	1.25E-02	1.11E-03	1.26E-02	1.12E-03	1.25E-02	1.11E-03	9.97E-01	1.15E-01	8.36E+00	7.32E-01
2827	Gridded	1.16E-02	1.11E-03	1.16E-02	1.11E-03	1.24E-02	1.19E-03	1.24E-02	1.19E-03	7.82E-04	9.96E-05	1.16E-02	1.11E-03	1.49E-02	1.45E-03	1.49E-02	1.45E-03	1.16E-02	1.11E-03	1.24E-02	1.19E-03	1.17E-02	1.12E-03	1.16E-02	1.11E-03	1.17E-02	1.12E-03	1.16E-02	1.11E-03	1.04E+00	1.04E-01	7.95E+00	7.72E-01

Scenario 2 Results

2828 Gridded	1.15E-02	1.30E-03	1.14E-02	1.29E-03	1.27E-02	1.42E-03	1.27E-02	1.42E-03	1.10E-03	1.14E-04	1.15E-02	1.29E-03	1.65E-02	1.81E-03	1.65E-02	1.81E-03	1.15E-02	1.30E-03	1.27E-02	1.42E-03	1.17E-02	1.31E-03	1.15E-02	1.30E-03	1.16E-02	1.31E-03	1.15E-02	1.30E-03	8.63E-01	1.06E-01	7.62E+00	8.68E-01
2829 Gridded	1.68E-02	1.58E-03	1.67E-02	1.57E-03	1.83E-02	1.71E-03	1.83E-02	1.71E-03	1.36E-03	1.21E-04	1.67E-02	1.58E-03	2.29E-02	2.13E-03	2.29E-02	2.13E-03	1.68E-02	1.58E-03	1.83E-02	1.71E-03	1.70E-02	1.60E-03	1.68E-02	1.58E-03	1.69E-02	1.59E-03	1.68E-02	1.58E-03	5.99E-01	1.05E-01	9.91E+00	1.03E+00
2830 Gridded	2.19E-02	1.77E-03	2.18E-02	1.76E-03	2.34E-02	1.90E-03	2.34E-02	1.90E-03	1.47E-03	1.23E-04	2.18E-02	1.77E-03	2.85E-02	2.33E-03	2.85E-02	2.33E-03	2.19E-02	1.77E-03	2.34E-02	1.90E-03	2.20E-02	1.79E-03	2.18E-02	1.77E-03	2.19E-02	1.78E-03	2.19E-02	1.77E-03	7.76E-01	1.01E-01	1.28E+01	1.14E+00
2831 Gridded	2.51E-02	1.87E-03	2.50E-02	1.86E-03	2.66E-02	2.00E-03	2.66E-02	2.00E-03	1.37E-03	1.17E-04	2.51E-02	1.86E-03	3.13E-02	2.40E-03	3.13E-02	2.40E-03	2.51E-02	1.87E-03	2.66E-02	2.00E-03	2.53E-02	1.89E-03	2.51E-02	1.87E-03	2.52E-02	1.88E-03	2.52E-02	1.87E-03	1.03E+00	9.78E-02	1.47E+01	1.19E+00
2832 Gridded	2.54E-02	1.89E-03	2.53E-02	1.88E-03	2.65E-02	2.00E-03	2.65E-02	2.00E-03	1.09E-03	1.06E-04	2.53E-02	1.88E-03	3.03E-02	2.37E-03	3.03E-02	2.37E-03	2.54E-02	1.89E-03	2.65E-02	2.00E-03	2.55E-02	1.90E-03	2.53E-02	1.88E-03	2.54E-02	1.89E-03	2.54E-02	1.89E-03	1.29E+00	1.04E-01	1.48E+01	1.19E+00
2833 Gridded	2.22E-02	1.80E-03	2.22E-02	1.79E-03	2.30E-02	1.89E-03	2.30E-02	1.89E-03	9.74E-04	9.12E-05	2.22E-02	1.79E-03	2.56E-02	2.21E-03	2.56E-02	2.21E-03	2.22E-02	1.80E-03	2.30E-02	1.89E-03	2.23E-02	1.81E-03	2.22E-02	1.79E-03	2.23E-02	1.80E-03	2.22E-02	1.80E-03	1.48E+00	1.17E-01	1.28E+01	1.14E+00
2834 Gridded	1.68E-02	1.61E-03	1.68E-02	1.60E-03	1.73E-02	1.68E-03	1.73E-02	1.68E-03	1.02E-03	7.70E-05	1.68E-02	1.60E-03	1.87E-02	1.93E-03	1.87E-02	1.93E-03	1.68E-02	1.61E-03	1.73E-02	1.68E-03	1.69E-02	1.62E-03	1.68E-02	1.61E-03	1.68E-02	1.61E-03	1.68E-02	1.61E-03	1.55E+00	1.27E-01	9.60E+00	1.01E+00
2835 Gridded	1.49E-02	1.43E-03	1.48E-02	1.42E-03	1.59E-02	1.50E-03	1.59E-02	1.50E-03	9.13E-04	7.11E-05	1.48E-02	1.42E-03	1.90E-02	1.73E-03	1.90E-02	1.73E-03	1.49E-02	1.43E-03	1.59E-02	1.50E-03	1.50E-02	1.43E-03	1.49E-02	1.42E-03	1.50E-02	1.43E-03	1.49E-02	1.43E-03	1.43E+00	1.23E-01	8.96E+00	8.53E-01
2836 Gridded	1.60E-02	1.36E-03	1.59E-02	1.36E-03	1.67E-02	1.42E-03	1.67E-02	1.42E-03	7.69E-04	6.35E-05	1.60E-02	1.36E-03	1.92E-02	1.63E-03	1.92E-02	1.63E-03	1.60E-02	1.36E-03	1.67E-02	1.42E-03	1.61E-02	1.37E-03	1.60E-02	1.36E-03	1.60E-02	1.36E-03	1.60E-02	1.36E-03	1.14E+00	1.06E-01	9.36E+00	8.11E-01
2837 Gridded	1.45E-02	1.27E-03	1.45E-02	1.27E-03	1.53E-02	1.33E-03	1.53E-02	1.33E-03	8.80E-04	7.43E-05	1.45E-02	1.27E-03	1.83E-02	1.51E-03	1.83E-02	1.51E-03	1.45E-02	1.27E-03	1.53E-02	1.33E-03	1.46E-02	1.28E-03	1.45E-02	1.27E-03	1.46E-02	1.27E-03	1.45E-02	1.27E-03	8.04E-01	8.68E-02	8.52E+00	7.53E-01
2838 Gridded	1.69E-02	1.16E-03	1.68E-02	1.16E-03	1.79E-02	1.21E-03	1.79E-02	1.21E-03	9.83E-04	8.86E-05	1.68E-02	1.16E-03	2.12E-02	1.37E-03	2.12E-02	1.37E-03	1.69E-02	1.16E-03	1.79E-02	1.21E-03	1.70E-02	1.17E-03	1.69E-02	1.16E-03	1.70E-02	1.17E-03	1.69E-02	1.17E-03	5.93E-01	8.80E-02	1.00E+01	7.03E-01
2839 Gridded	1.87E-02	1.20E-03	1.87E-02	1.20E-03	1.98E-02	1.32E-03	1.98E-02	1.32E-03	1.08E-03	1.06E-04	1.87E-02	1.20E-03	2.32E-02	1.68E-03	2.32E-02	1.68E-03	1.87E-02	1.20E-03	1.98E-02	1.32E-03	1.89E-02	1.22E-03	1.87E-02	1.20E-03	1.88E-02	1.21E-03	1.88E-02	1.21E-03	7.01E-01	1.07E-01	1.11E+01	8.11E-01
2840 Gridded	1.97E-02	1.46E-03	1.96E-02	1.45E-03	2.07E-02	1.58E-03	2.07E-02	1.58E-03	1.09E-03	1.16E-04	1.96E-02	1.45E-03	2.42E-02	1.98E-03	2.42E-02	1.98E-03	1.97E-02	1.46E-03	2.07E-02	1.58E-03	1.98E-02	1.47E-03	1.97E-02	1.46E-03	1.98E-02	1.47E-03	1.97E-02	1.46E-03	7.40E-01	1.16E-01	1.16E+01	9.68E-01
2841 Gridded	1.97E-02	1.72E-03	1.96E-02	1.71E-03	2.07E-02	1.84E-03	2.07E-02	1.84E-03	1.02E-03	1.10E-04	1.96E-02	1.71E-03	2.41E-02	2.22E-03	2.41E-02	2.22E-03	1.97E-02	1.72E-03	2.07E-02	1.84E-03	1.98E-02	1.73E-03	1.97E-02	1.72E-03	1.98E-02	1.73E-03	1.97E-02	1.72E-03	6.88E-01	1.02E-01	1.15E+01	1.09E+00
2842 Gridded	1.89E-02	1.89E-03	1.88E-02	1.88E-03	1.99E-02	1.99E-03	1.99E-02	1.99E-03	9.44E-04	9.47E-05	1.88E-02	1.88E-03	2.31E-02	2.32E-03	2.31E-02	2.32E-03	1.89E-02	1.89E-03	1.99E-02	1.99E-03	1.90E-02	1.90E-03	1.88E-02	1.89E-03	1.89E-02	1.89E-03	1.89E-02	1.89E-03	6.69E-01	7.76E-02	1.09E+01	1.14E+00
2843 Gridded	1.75E-02	1.87E-03	1.74E-02	1.87E-03	1.84E-02	1.95E-03	1.84E-02	1.95E-03	9.07E-04	8.32E-05	1.74E-02	1.87E-03	2.16E-02	2.21E-03	2.16E-02	2.21E-03	1.75E-02	1.87E-03	1.84E-02	1.95E-03	1.76E-02	1.88E-03	1.74E-02	1.87E-03	1.75E-02	1.88E-03	1.75E-02	1.87E-03	5.98E-01	8.13E-02	9.99E+00	1.09E+00
2844 Gridded	1.60E-02	1.69E-03	1.59E-02	1.69E-03	1.66E-02	1.75E-03	1.66E-02	1.75E-03	8.51E-04	1.07E-04	1.59E-02	1.69E-03	1.95E-02	1.96E-03	1.95E-02	1.96E-03	1.60E-02	1.69E-03	1.66E-02	1.75E-03	1.61E-02	1.70E-03	1.60E-02	1.69E-03	1.60E-02	1.69E-03	1.60E-02	1.69E-03	6.52E-01	1.02E-01	9.07E+00	9.76E-01
2845 Gridded	1.40E-02	1.40E-03	1.40E-02	1.39E-03	1.46E-02	1.45E-03	1.46E-02	1.45E-03	7.68E-04	1.24E-04	1.40E-02	1.39E-03	1.73E-02	1.79E-03	1.73E-02	1.79E-03	1.40E-02	1.40E-03	1.46E-02	1.45E-03	1.41E-02	1.40E-03	1.40E-02	1.40E-03	1.40E-02	1.40E-03	1.40E-02	1.40E-03	5.71E-01	1.13E-01	7.92E+00	8.70E-01
2846 Gridded	1.19E-02	1.54E-03	1.19E-02	1.53E-03	1.26E-02	1.69E-03	1.26E-02	1.69E-03	6.68E-04	1.42E-04	1.19E-02	1.53E-03	1.49E-02	2.18E-03	1.49E-02	2.18E-03	1.19E-02	1.54E-03	1.26E-02	1.69E-03	1.20E-02	1.55E-03	1.19E-02	1.53E-03	1.19E-02	1.54E-03	1.19E-02	1.54E-03	6.09E-01	1.19E-01	6.66E+00	1.03E+00
2847 Gridded	1.09E-02	1.87E-03	1.09E-02	1.86E-03	1.15E-02	2.03E-03	1.15E-02	2.03E-03	7.36E-04	1.49E-04	1.09E-02	1.86E-03	1.36E-02	2.55E-03	1.36E-02	2.55E-03	1.09E-02	1.87E-03	1.15E-02	2.03E-03	1.10E-02	1.89E-03	1.09E-02	1.87E-03	1.09E-02	1.88E-03	1.09E-02	1.88E-03	5.71E-01	1.26E-01	6.34E+00	1.20E+00
2848 Gridded	6.40E-03	1.50E-03	6.37E-03	1.49E-03	6.95E-03	1.62E-03	6.95E-03	1.62E-03	6.79E-04	1.14E-04	6.37E-03	1.50E-03	8.73E-03	2.02E-03	8.73E-03	2.02E-03	6.40E-03	1.50E-03	6.95E-03	1.62E-03	6.47E-03	1.52E-03	6.39E-03	1.50E-03	6.44E-03	1.51E-03	6.41E-03	1.50E-03	1.26E+00	9.27E-02	3.61E+00	9.43E-01
2849 Gridded	7.98E-03	1.40E-03	7.94E-03	1.39E-03	8.60E-03	1.52E-03	8.60E-03	1.52E-03	1.06E-03	1.14E-04	7.95E-03	1.39E-03	1.06E-02	1.91E-03	1.06E-02	1.91E-03	7.99E-03	1.40E-03	8.60E-03	1.52E-03	8.06E-03	1.41E-03	7.97E-03	1.40E-03	8.02E-03	1.41E-03	7.99E-03	1.40E-03	1.20E+00	9.66E-02	4.81E+00	8.98E-01
2850 Gridded	9.33E-03	1.69E-03	9.29E-03	1.68E-03	9.95E-03	1.83E-03	9.95E-03	1.83E-03	1.32E-03	1.25E-04	9.29E-03	1.69E-03	1.45E-02	2.26E-03	1.45E-02	2.26E-03	9.33E-03	1.69E-03	9.95E-03	1.83E-03	9.40E-03	1.71E-03	9.31E-03	1.69E-03	9.36E-03	1.70E-03	9.34E-03	1.69E-03	1.15E+00	1.13E-01	7.46E+00	1.09E+00
2851 Gridded	1.36E-02	1.91E-03	1.35E-02	1.90E-03	1.49E-02	2.04E-03	1.49E-02	2.04E-03	1.21E-03	1.26E-04	1.35E-02	1.90E-03	1.90E-02	2.48E-03	1.90E-02	2.48E-03	1.36E-02	1.91E-03	1.49E-02	2.04E-03	1.37E-02	1.93E-03	1.35E-02	1.91E-03	1.36E-02	1.92E-03	1.36E-02	1.91E-03	9.89E-01	1.32E-01	1.03E+01	1.24E+00
2852 Gridded	1.69E-02	2.03E-03	1.69E-02	2.02E-03	1.77E-02	2.16E-03	1.77E-02	2.16E-03	8.99E-04	1.21E-04	1.69E-02	2.02E-03	2.02E-02	2.57E-03	2.02E-02	2.57E-03	1.69E-02	2.03E-03	1.77E-02	2.16E-03	1.70E-02	2.04E-03	1.69E-02	2.03E-03	1.70E-02	2.04E-03	1.69E-02	2.03E-03	7.20E-01	1.50E-01	1.18E+01	1.32E+00
2853 Gridded	1.58E-02	2.05E-03	1.58E-02	2.05E-03	1.68E-02	2.17E-03	1.68E-02	2.17E-03	9.40E-04	1.10E-04	1.58E-02	2.05E-03	2.01E-02	2.55E-03	2.01E-02	2.55E-03	1.58E-02	2.05E-03	1.68E-02	2.17E-03	1.59E-02	2.07E-03	1.58E-02	2.05E-03	1.59E-02	2.06E-03	1.58E-02	2.05E-03	8.01E-01	1.66E-01	1.00E+01	1.33E+00
2854 Gridded	1.63E-02	1.97E-03	1.62E-02	1.97E-03	1.72E-02	2.08E-03	1.72E-02	2.08E-03	9.02E-04	9.62E-05	1.62E-02	1.97E-03	2.03E-02	2.41E-03	2.03E-02	2.41E-03	1.63E-02	1.98E-03	1.72E-02	2.08E-03	1.64E-02	1.99E-03	1.62E-02	1.97E-03	1.63E-02	1.98E-03	1.63E-02	1.98E-03	8.16E-01	1.66E-01	9.21E+00	1.26E+00
2855 Gridded	1.52E-02	1.80E-03	1.52E-02	1.80E-03	1.60E-02	1.89E-03	1.60E-02	1.89E-03	9.19E-04	1.03E-04	1.52E-02	1.80E-03	1.87E-02	2.17E-03	1.87E-02	2.17E-03	1.52E-02	1.80E-03	1.60E-02	1.89E-03	1.53E-02	1.81E-03	1.52E-02	1.80E-03	1.53E-02	1.81E-03	1.52E-02	1.80E-03	8.66E-01	1.52E-01	8.82E+00	1.13E+00
2856 Gridded	1.33E-02	1.56E-03	1.33E-02	1.55E-03	1.41E-02	1.62E-03	1.41E-02	1.62E-03	1.01E-03	1.03E-04	1.33E-02	1.55E-03	1.67E-02	1.84E-03	1.67E-02	1.84E-03	1.33E-02	1.56E-03	1.41E-02	1.62E-03	1.34E-02	1.56E-03	1.33E-02	1.55E-03	1.34E-02	1.56E-03	1.33E-02	1.56E-03	9.81E-01	1.34E-01	7.86E+00	9.64E-01
2857 Gridded	1.32E-02	1.26E-03	1.32E-02	1.26E-03	1.39E-02	1.32E-03	1.39E-02	1.32E-03	9.91E-04	9.09E-05	1.32E-02	1.26E-03	1.73E-02	1.48E-03	1.73E-02	1.48E-03	1.32E-02	1.27E-03	1.39E-02	1.32E-03	1.33E-02	1.27E-03	1.32E-02	1.26E-03	1.33E-02	1.27E-03	1.32E-02	1.27E-03	1.03E+00	1.23E-01	8.55E+00	7.81E-01
2858 Gridded	1.25E-02	1.09E-03	1.24E-02	1.09E-03	1.34E-02	1.16E-03	1.34E-02	1.16E-03	8.47E-04	9.75E-05	1.24E-02	1.09E-03	1.63E-02	1.42E-03	1.63E-02	1.42E-03	1.25E-02	1.09E-03	1.34E-02	1.16E-03	1.26E-02	1.10E-03	1.24E-02	1.09E-03	1.25E-02	1.09E-03	1.25E-02	1.09E-03	9.85E-01	1.14E-01	8.59E+00	7.45E-01
2859 Gridded	1.14E-02	1.23E-03	1.13E-02	1.23E-03	1.22E-02	1.36E-03	1.22E-02	1.36E-03	1.04E-03	1.15E-04	1.13E-02	1.23E-03	1.50E-02	1.75E-03	1.50E-02	1.75E-03	1.14E-02	1.23E-03	1.22E-02	1.36E-03	1.15E-02	1.25E-03	1.13E-02	1.23E-03	1.14E-02	1.24E-03	1.14E-02	1.24E-03	9.19E-01	1.13E-01	7.36E+00	8.27E-01
2860 Gridded	1.53E-02	1.55E-03	1.52E-02	1.55E-03	1.67E-02	1.69E-03	1.67E-02	1.69E-03	1.36E-03	1.26E-04	1.52E-02	1.55E-03	2.14E-02	2.12E-03	2.14E-02	2.12E-03	1.53E-02	1.56E-03	1.67E-02	1.69E-03	1.55E-02	1.57E-03	1.53E-02	1.55E-03	1.54E-02	1.56E-03	1.53E-02	1.56E-03	6.51E-01	1.15E-01	9.01E+00	1.03E+00
2861 Gridded	2.12E-02	1.80E-03	2.11E-02	1.79E-03	2.28E-02	1.94E-03	2.28E-02	1.94E-03	1.52E-03	1.30E-04	2.11E-02	1.79E-03	2.81E-02	2.38E-03	2.81E-02	2.38E-03	2.12E-02	1.80E-03	2.28E-02	1.94E-03	2.14E-02	1.81E-03	2.12E-02	1.79E-03	2.13E-02	1.81E-03	2.12E-02	1.80E-03	7.67E-01	1.12E-01	1.24E+01	1.17E+00
2862 Gridded	2.56E-02	1.93E-03	2.55E-02	1.92E-03	2.71E-02	2.07E-03	2.71E-02	2.07E-03	1.44E-03	1.26E-04	2.55E-02	1.92E-03	3.21E-02	2.50E-03	3.21E-02	2.50E-03	2.56E-02	1.93E-03	2.71E-02	2.07E-03	2.58E-02	1.95E-03	2.56E-02	1.93E-03	2.57E-02	1.94E-03	2.56E-02	1.93E-03	1.07E+00	1.09E-01	1.49E+01	1.24E+00
2863 Gridded	2.65E-02	1.97E-03	2.64E-02	1.96E-03	2.77E-02	2.09E-03	2.77E-02	2.09E-03	1.14E-03	1.14E-04	2.64E-02	1.96E-03	3.16E-02	2.49E-03	3.16E-02	2.49E-03	2.65E-02	1.97E-03	2.77E-02	2.09E-03	2.67E-02	1.98E-03	2.65E-02	1.97E-03	2.66E-02	1.98E-03	2.65E-02	1.97E-03	1.41E+00	1.09E-01	1.54E+01	1.26E+00
2864 Gridded	2.34E-02	1.89E-03	2.33E-02	1.88E-03	2.42E-02	1.99E-03	2.42E-02	1.99E-03	9.84E-04	9.67E-05	2.33E-02	1.88E-03	2.67E-02	2.32E-03	2.67E-02	2.32E-03	2.34E-02	1.89E-03	2.42E-02	1.99E-03	2.35E-02	1.90E-03	2.33E-02	1.88E-03	2.34E-02	1.89E-03	2.34E-02	1.89E-03	1.67E+00	1.24E-01	1.34E+01	1.21E+00
2865 Gridded	1.74E-02	1.69E-03	1.74E-02	1.68E-03	1.78E-02	1.76E-03	1.78E-02	1.76E-03	1.03E-03	7.94E-05	1.74E-02	1.68E-03	1.92E-02	2.02E-03	1.92E-02	2.02E-03	1.74E-02	1.69E-03	1.78E-02	1.76E-03	1.74E-02	1.70E-03	1.74E-02	1.68E-03	1.74E-02	1.69E-03	1.74E-02	1.69E-03	1.76E+00	1.34E-01	9.88E+00	1.07E+00
2866 Gridded	1.49E-02	1.44E-03	1.49E-02	1.43E-03	1.59E-02	1.51E-03	1.59E-02	1.51E-03	9.04E-04	7.26E-05	1.49E-02	1.43E-03	1.90E-02	1.74E-03	1.90E-02	1.74E-03	1.49E-02	1.44E-03	1.59E-02	1.51E-03	1.50E-02	1.45E-03	1.49E-02	1.44E-03	1.50E-02	1.44E-03	1.49E-02	1.44E-03	1.60E+00	1.26E-01	9.03E+00	8.67E-01
2867 Gridded	1.61E-02	1.36E-03	1.61E-02	1.36E-03	1.69E-02	1.43E-03	1.69E-02	1.43E-03	8.36E-04	6.55E-05	1.61E-02	1.36E-03	1.92E-02	1.63E-03	1.92E-02	1.63E-03	1.61E-02	1.36E-03	1.69E-02	1.43E-03	1.62E-02	1.37E-03	1.61E-02	1.36E-03	1.62E-02	1.37E-03	1.61E-02	1.37E-03	1.24E+00	1.06E-01	9.45E+00	8.19E-01
2868 Gridded	1.53E-02	1.27E-03	1.53E-02	1.26E-03	1.64E-02	1.32E-03	1.64E-02	1.32E-03	9.51E-04	8.04E-05	1.53E-02	1.26E-03	1.96E-02	1.50E-03	1.96E-02	1.50E-03	1.53E-02	1.27E-03	1.64E-02	1.32E-03	1.55E-02	1.27E-03	1.53E-02	1.27E-03	1.54E-02	1.27E-03	1.54E-02	1.27E-03	8.34E-01	8.49E-02	9.14E+00	7.54E-01
2869 Gridded	1.81E-02	1.15E-03	1.80E-02	1.15E-03	1.92E-02	1.21E-03	1.92E-02	1.21E-03	1.05E-03	1.00E-04	1.80E-02	1.15E-03	2.27E-02	1.47E-03	2.27E-02	1.47E-03	1.81E-02	1.15E-03	1.92E-02	1.21E-03	1.82E-02	1.16E-03	1.81E-02	1.15E-03	1.82E-02	1.16E-03	1.81E-02	1.15E-03	6.79E-01	9.95E-02	1.07E+01	7.80E-01
2870 Gridded	2.00E-02	1.31E-03	1.99E-02	1.30E-03	2.11E-02	1.43E-03	2.11E-02	1.43E-03	1.14E-03	1.18E-04	1.99E-02	1.31E-03	2.47E-02	1.84E-03	2.47E-02	1.84E-03	2.00E-02	1.31E-03	2.11E-02	1.43E-03	2.01E-02	1.32E-03	2.00E-02	1.31E-03	2.00E-02	1.31E-03	2.00E-02	1.31E-03	8.26E-01	1.19E-01	1.18E+01	8.89E-01
2871 Gridded	2.07E-02	1.63E-03	2.07E-02	1.63E-03	2.18E-02	1.76E-03	2.18E-02	1.76E-03	1.12E-03	1.20E-04	2.07E-02	1.63E-03	2.54E-02	2.17E-03	2.54E-02	2.17E-03	2.07E-02	1.64E-03	2.18E-02	1.76E-03	2.09E-02	1.65E-03	2.07E-02	1.63E-03	2.08E-02	1.64E-03	2.07E-02	1.64E-03	8.52E-01	1.17E-01	1.21E+01	1.06E+00
2872 Gridded	2.04E-02	1.91E-03	2.03E-02	1.90E-03	2.14E-02	2.02E-03	2.14E-02	2.02E-03	1.02E-03	1.05E-04	2.03E-02	1.90E-03	2.48E-02	2.38E-03	2.48E-02	2.38E-03	2.04E-02	1.91E-03	2.14E-02	2.02E-03	2.05E-02	1.92E-03	2.03E-02	1.91E-03	2.04E-02	1.91E-03	2.04E-02	1.91E-03	7.58E-01	9.36E-02	1.18E+01	1.17E+00
2873 Gridded	1.90E-02	1.97E-03	1.90E-02	1.96E-03	2.00E-02	2.06E-03	2.00E-02	2.06E-03	9.36E-04	8.36E-05	1.90E-02	1.96E-03	2.33E-02	2.35E-03	2.33E-02	2.35E-03	1.91E-02	1.97E-03	2.00E-02	2.06E-03	1.92E-02	1.98E-03	1.90E-02	1.97E-03	1.91E-02	1.97E-03	1.91E-02	1.97E-03	6.01E-01	7.68E-02	1.09E+01	1.16E+00
2874 Gridded	1.75E-02	1.82E-03	1.74E-02	1.82E-03	1.82E-02	1.89E-03	1.82E-02	1.89E-03	8.81E-04	1.00E-04	1.74E-02	1.82E-03	2.11E-02	2.11E-03	2.11E-02	2.11E-03	1.75E-02	1.82E-03	1.82E-02	1.89E-03	1.76E-02	1.83E-03	1.75E-02	1.82E-03	1.75E-02	1.83E-03	1.75E-02	1.82E-03	5.92E-01	9.95E-02	9.95E+00	1.06E+00
2875 Gridded	1.57E-02	1.55E-03	1.56E-02	1.54E-03	1.63E-02	1.60E-03	1.63E-02	1.60E-03	8.08E-04	1.28E-04	1.56E-02	1.54E-03	1.87E-02	1.78E-03	1.87E-02	1.78E-03	1.57E-02	1.55E-03	1.63E-02	1.60E-03	1.58E-02	1.55E-03	1.57E-02	1.55E-03	1.57E-02	1.55E-03	1.57E-02	1.55E-03	5.88E-01	1.16E-01	8.88E+00	8.96E-01
2876 Gridded	1.34E-02	1.54E-03	1.33E-02	1.53E-03	1.38E-02	1.70E-03	1.38E-02	1.70E-03	7.00E-04	1.50E-04	1.33E-02	1.53E-03	1.60E-02	2.22E-03	1.60E-02	2.22E-03	1.34E-02	1.54E-03	1.38E-02	1.70E-03	1.34E-02	1.56E-03	1.33E-02	1.53E-03	1.34E-02	1.55E-03	1.34E-02	1.54E-03	6.33E-01	1.26E-01	7.53E+00	1.05E+00
2877 Gridded	1.18E-02	1.94E-03	1.17E-02	1.93E-03	1.25E-02	2.11E-03	1.25E-02	2.11E-03	7.82E-04	1.57E-04	1.18E-02	1.93E-03	1.46E-02	2.65E-03	1.46E-02	2.65E-03	1.18E-02	1.94E-03	1.25E-02	2.11E-03	1.19E-02	1.96E-03	1.18E-02	1.94E-03	1.18E-02	1.95E-03	1.18E-02	1.94E-03	5.97E-01	1.34E-01	6.88E+00	1.26E+00
2878 Gridded	1.20E-02	2.22E-03	1.20E-02	2.21E-03	1.24E-02	2.37E-03	1.24E-02	2.37E-03	8.44E-04	1.46E-04	1.20E-02	2.21E-03	1.41E-02	2.87E-03	1.41E-02	2.87E-03	1.20E-02	2.22E-03	1.24E-02	2.37E-03	1.20E-02	2.24E-03	1.20E-02	2.21E-03	1.20E-02	2.23E-03	1.20E-02	2.22E-03	5.85E-01	1.43E-01	6.71E+00	1.38E+00
2879 Gridded	6.32E-03	1.76E-03	6.30E-03	1.75E-03	6.62E-03	1.92E-03	6.62E-03	1.92E-03	4.67E-04	1.44E-04	6.31E-03	1.76E-03	7.95E-03	2.41E-03	7.95E-03	2.41E-03	6.32E-03	1.77E-03	6.62E-03	1.92E-03	6.36E-03	1.78E-03	6.32E-03	1.76E-03	6.34E-03	1.77E-03	6.33E-03	1.77E-03	1.33E+00	1.02E-01	3.58E+00	1.11E+00
2880 Gridded	6.86E-03	1.60E-03	6.81E-03	1.59E-03	7.50E-03	1.73E-03	7.50E-03	1.73E-03	6.02E-04	1.27E-04	6.82E-03	1.59E-03	9.57E-03	2.17E-03	9.57E-03	2.17E-03	6.86E-03	1.60E-03	7.50E-03	1.73E-03	6.94E-03	1.62E-03	6.84E-03	1.60E-03	6.89E-03	1.61E-03	6.86E-03	1.60E-03	1.33E+00	9.50E-02	3.84E+00	1.01E+00
2881 Gridded	9.23E-03	1.46E-03	9.18E-03	1.46E-03	9.99E-03	1.59E-03	9.99E-03	1.59E-03	8.80E-04	1.22E-04	9.19E-03	1.46E-03	1.24E-02	2.02E-03	1.24E-02	2.02E-03	9.23E-03	1.47E-03	9.99E-03	1.59E-03	9.32E-03	1.48E-03	9.21E-03	1.46E-03	9.28E-03	1.47E-03	9.24E-03	1.47E-03	1.24E+00	9.87E-02	5.15E+00	9.32E-01
2882 Gridded	1.12E-02	1.79E-03	1.12E-02	1.78E-03	1.20E-02	1.93E-03	1.20E-02	1.93E-03	1.09E-03	1.38E-04	1.12E-02	1.78E-03	1.44E-02	2.41E-03	1.44E-02	2.41E-03	1.12E-02	1.79E-03	1.20E-02	1.93E-03	1.13E-02	1.81E-03	1.12E-02	1.78E-03	1.13E-02	1.80E-03	1.12E-02	1.79E-03	1.18E+00	1.14E-01	6.96E+00	1.15E+00
2883 Gridded	1.33E-02	2.08E-03	1.33E-02	2.07E-03	1.42E-02	2.23E-03	1.42E-02	2.23E-03	9.07E-04	1.42E-04	1.33E-02	2.07E-03	1.72E-02	2.72E-03	1.72E-02	2.72E-03	1.33E-02	2.08E-03	1.42E-02	2.23E-03	1.34E-02	2.10E-03	1.33E-02	2.07E-03	1.34E-02	2.09E-03	1.33E-02	2.08E-03	1.03E+00	1.30E-01	9.92E+00	1.35E+00
2884 Gridded	1.57E-02	2.27E-03	1.56E-02	2.26E-03	1.68E-02	2.42E-03	1.68E-02	2.42E-03	9.88E-04	1.35E-04	1.56E-02	2.26E-03	2.02E-02	2.88E-03	2.02E-02	2.88E-03	1.57E-02	2.27E-03	1.68E-02	2.42E-03	1.58E-02	2.29E-03	1.57E-02	2.27E-03	1.58E-02	2.28E-03	1.57E-02	2.27E-03	7.30E-01	1.53E-01	1.06E+01	1.48E+00
2885 Gridded	1.72E-02	2.32E-03	1.71E-02	2.31E-03	1.83E-02	2.45E-03	1.83E-02	2.45E-03	1.05E-03	1.20E-04	1.71E-02	2.31E-03	2.19E-02	2.86E-03	2.19E-02	2.86E-03	1.72E-02	2.32E-03	1.83E-02	2.45E-03	1.73E-02	2.33E-03	1.72E-02	2.32E-03	1.73E-02	2.33E-03	1.72E-02	2.32E-03	7.92E-01	1.67E-01	9.61E+00	1.49E+00
2886 Gridded	1.76E-02	2.19E-03	1.75E-02	2.18E-03	1.87E-02	2.30E-03	1.87E-02	2.30E-03	1.00E-03	1.01E-04	1.75E-02	2.19E-03	2.21E-02	2.65E-03	2.21E-02	2.65E-03	1.76E-02	2.19E-03	1.87E-02	2.30E-03	1.77E-02	2.20E-03	1.76E-02	2.19E-03	1.77E-02	2.20E-03	1.76E-02	2.19E-03	7.76E-01	1.63E-01	1.00E+01	1.39E+00
2887 Gridded	1.63E-02	1.94E-03	1.62E-02	1.94E-03	1.71E-02	2.03E-03	1.71E-02	2.03E-03	1.06E-03	1.00E-04	1.62E-02	1.94E-03	1.99E-02	2.31E-03	1.99E-02	2.31E-03	1.63E-02	1.94E-03	1.71E-02	2.03E-03	1.64E-02	1.95E-03	1.62E-02	1.94E-03	1.63E-02	1.95E-03	1.63E-02	1.94E-03	9.02E-01	1.47E-01	9.47E+00	1.22E+00
2888 Gridded	1.47E-02	1.61E-03	1.46E-02	1.60E-03	1.55E-02	1.67E-03	1.55E-02	1.67E-03	1.11E-03	9.38E-05	1.46E-02	1.60E-03	1.82E-02	1.88E-03	1.82E-02	1.88E-03	1.47E-02	1.61E-03	1.55E-02	1.67E-03	1.48E-02	1.61E-03	1.47E-02	1.60E-03	1.47E-02	1.61E-03	1.47E-02	1.61E-03	1.02E+00	1.31E-01	8.63E+00	1.01E+00
2889 Gridded	1.40E-02	1.22E-03	1.40E-02	1.22E-03	1.48E-02	1.27E-03	1.48E-02	1.27E-03	9.94E-04	9.30E-05	1.40E-02	1.22E-03	1.76E-02	1.44E-03	1.76E-02	1.44E-03	1.40E-02	1.22E-03	1.48E-02	1.27E-03	1.41E-02	1.23E-03	1.40E-02	1.22E-03	1.41E-02	1.22E-03	1.40E-02	1.22E-03	1.10E+00	1.22E-01	8.99E+00	7.70E-01
2890 Gridded	1.26E-02	1.14E-03	1.26E-02	1.13E-03	1.32E-02	1.27E-03	1.32E-02	1.27E-03	9.26E-04	1.16E-04	1.26E-02	1.14E-03	1.53E-02	1.66E-03	1.53E-02	1.66E-03	1.26E-02	1.14E-03	1.32E-02	1.27E-03	1.27E-02	1.16E-03	1.26E-02	1.14E-03	1.27E-02	1.15E-03	1.26E-02	1.14E-03	1.00E+00	1.17E-01	8.16E+00	7.59E-01
2891 Gridded	1.32E-02	1.49E-03	1.31E-02	1.48E-03	1.46E-02	1.63E-03	1.46E-02	1.63E-03	1.29E-03	1.31E-04	1.31E-02	1.48E-03	1.90E-02	2.08E-03	1.90E-02	2.08E-03	1.32E-02	1.49E-03	1.46E-02	1.63E-03	1.34E-02	1.50E-03	1.32E-02	1.48E-03	1.33E-02	1.49E-03	1.32E-02	1.49E-03	8.06E-01	1.25E-01	7.80E+00	9.97E-01
2892 Gridded	1.97E-02	1.78E-03	1.96E-02	1.78E-03	2.13E-02	1.93E-03	2.13E-02	1.93E-03	1.50E-03	1.41E-04	1.96E-02	1.78E-03	2.64E-02	2.42E-03	2.64E-02	2.42E-03	1.97E-02	1.79E-03	2.13E-02	1.93E-03	1.99E-02	1.80E-03	1.97E-02	1.78E-03	1.98E-02	1.79E-03	1.97E-02	1.79E-03	7.35E-01	1.26E-01	1.15E+01	1.17E+00
2893 Gridded	2.49E-02	1.98E-03	2.48E-02	1.97E-03	2.65E-02	2.13E-03	2.65E-02	2.13E-03	1.44E-03	1.40E-04	2.48E-02	1.97E-03	3.14E-02	2.61E-03	3.14E-02	2.61E-03	2.49E-02	1.98E-03	2.65E-02	2.13E-03	2.51E-02	2.00E-03	2.49E-02	1.97E-03	2.50E-02	1.99E-03	2.50E-02	1.98E-03	1.12E+00	1.24E-01	1.46E+01	1.29E+00
2894 Gridded	2.65E-02	2.06E-03	2.64E-02	2.05E-03	2.77E-02	2.20E-03	2.77E-02	2.20E-03	1.13E-03	1.28E-04	2.65E-02	2.06E-03	3.16E-02	2.64E-03	3.16E-02	2.64E-03	2.65E-02	2.06E-03	2.77E-02	2.20E-03	2.67E-02	2.08E-03	2.65E-02	2.06E-03	2.66E-02	2.07E-03	2.65E-02	2.06E-03	1.57E+00	1.18E-01	1.54E+01	1.33E+00
2895 Gridded	2.35E-02	2.00E-03	2.34E-02	1.99E-03	2.42E-02	2.11E-03	2.42E-02	2.11E-03	1.02E-03	1.06E-04	2.34E-02	2.00E-03	2.67E-02	2.48E-03	2.67E-02	2.48E-03	2.35E-02	2.00E-03	2.42E-02	2.11E-03	2.36E-02	2.02E-03	2.35E-02	2.00E-03	2.35E-02	2.01E-03	2.35E-02	2.00E-03	1.93E+00	1.37E-01	1.35E+01	1.29E+00
2896 Gridded	1.71E-02	1.78E-03	1.71E-02	1.78E-03	1.75E-02	1.87E-03	1.75E-02	1.87E-03	1.06E-03	8.08E-05	1.71E-02	1.78E-03	1.88E-02	2.13E-03	1.88E-02	2.13E-03	1.71E-02	1.78E-03	1.75E-02	1.87E-03	1.72E-02	1.79E-03	1.71E-02	1.78E-03	1.72E-02	1.79E-03	1.71E-02	1.79E-03	2.02E+00	1.45E-01	9.69E+00	1.13E+00
2897 Gridded	1.47E-02	1.45E-03	1.47E-02	1.45E-03	1.57E-02	1.51E-03	1.57E-02	1.51E-03	9.01E-04	7.71E-05	1.47E-02	1.45E-03	1.88E-02	1.73E-03	1.88E-02	1.73E-03	1.47E-02	1.45E-03	1.57E-02	1.51E-03	1.49E-02	1.46E-03	1.47E-02	1.45E-03	1.48E-02	1.46E-03	1.48E-02	1.45E-03	1.77E+00	1.32E-01	9.00E+00	8.97E-01
2898 Gridded	1.60E-02	1.36E-03	1.60E-02	1.35E-03	1.67E-02	1.42E-03	1.67E-02	1.42E-03	9.10E-04	7.58E-05	1.60E-02	1.35E-03	1.89E-02	1.62E-03	1.89E-02	1.62E-03	1.60E-02	1.36E-03	1.67E-02	1.42E-03	1.61E-02	1.37E-03	1.60E-02	1.36E-03	1.61E-02	1.36E-03	1.61E-02	1.36E-03	1.31E+00	1.08E-01	9.38E+00	8.21E-01
2899 Gridded	1.65E-02	1.25E-03	1.64E-02	1.24E-03	1.76E-02	1.30E-03	1.76E-02	1.30E-03	1.02E-03	8.98E-05	1.64E-02	1.24E-03	2.11E-02	1.47E-03	2.11E-02	1.47E-03	1.65E-02	1.25E-03	1.76E-02	1.30E-03	1.66E-02	1.25E-03	1.65E-02	1.25E-03	1.65E-02	1.25E-03	1.65E-02	1.25E-03	8.46E-01	9.24E-02	9.88E+00	7.47E-01
2900 Gridded	1.93E-02	1.21E-03	1.92E-02	1.21E-03	2.05E-02	1.30E-03	2.05E-02	1.30E-03	1.10E-03	1.14E-04	1.93E-02	1.21E-03	2.42E-02	1.60E-03	2.42E-02	1.60E-03	1.93E-02	1.21E-03	2.05E-02	1.30E-03	1.95E-02	1.22E-03	1.93E-02	1.21E-03	1.94E-02	1.22E-03	1.93E-02	1.22E-03	7.90E-01	1.16E-01	1.15E+01	8.64E-01
2901 Gridded	2.11E-02	1.47E-03	2.10E-02	1.46E-03	2.22E-02	1.60E-03	2.22E-02	1.60E-03	1.16E-03	1.28E-04	2.10E-02	1.46E-03	2.59E-02	2.04E-03	2.59E-02	2.04E-03	2.11E-02	1.47E-03	2.22E-02	1.60E-03	2.12E-02	1.48E-03	2.10E-02	1.46E-03	2.11E-02	1.48E-03	2.11E-02	1.47E-03	9.42E-01	1.30E-01	1.24E+01	9.92E-01
2902 Gridded	2.15E-02	1.87E-03	2.14E-02	1.86E-03	2.26E-02	2.00E-03	2.26E-02	2.00E-03	1.11E-03	1.21E-04	2.15E-02	1.86E-03	2.63E-02	2.41E-03	2.63E-02	2.41E-03	2.15E-02	1.87E-03	2.26E-02	2.00E-03	2.17E-02	1.89E-03	2.15E-02	1.87E-03	2.16E-02	1.88E-03	2.15E-02	1.87E-03	9.34E-01	1.14E-01	1.25E+01	1.18E+00
2903 Gridded	2.07E-02	2.11E-03	2.06E-02	2.10E-03	2.18E-02	2.21E-03	2.18E-02	2.21E-03	1.00E-03	9.80E-05	2.06E-02	2.10E-03	2.52E-02	2.55E-03	2.52E-02	2.55E-03	2.07E-02	2.11E-03	2.18E-02	2.21E-03	2.08E-02	2.12E-03	2.07E-02	2.11E-03	2.08E-02	2.12E-03	2.07E-02	2.11E-03	7.92E-01	8.49E-02	1.19E+01	1.26E+00
2904 Gridded	1.89E-02	2.03E-03	1.88E-02	2.02E-03	1.99E-02	2.11E-03	1.99E-02	2.11E-03	9.13E-04	9.74E-05	1.88E-02	2.03E-03	2.30E-02	2.36E-03	2.30E-02	2.36E-03	1.89E-02	2.03E-03	1.99E-02	2.11E-03	1.90E-02	2.04E-03	1.89E-02	2.03E-03	1.90E-02	2.03E-03	1.89E-02	2.03E-03	5.90E-01	9.85E-02	1.08E+01	1.18E+00
2905 Gridded	1.72E-02	1.73E-03	1.72E-02	1.73E-03	1.79E-02	1.79E-03	1.79E-02	1.79E-03	8.19E-04	1.25E-04	1.72E-02	1.73E-03	2.03E-02	1.98E-03	2.03E-02	1.98E-03	1.72E-02	1.73E-03	1.79E-02	1.79E-03	1.73E-02	1.74E-03	1.72E-02	1.73E-03	1.72E-02	1.74E-03	1.72E-02	1.74E-03	5.66E-01	1.15E-01	9.74E+00	1.00E+00
2906 Gridded	1.50E-02	1.52E-03	1.50E-02	1.51E-03	1.55E-02	1.63E-03	1.55E-02	1.63E-03	7.75E-04	1.54E-04	1.50E-02	1.51E-03	1.73E-02	2.13E-03	1.73E-02	2.13E-03	1.50E-02	1.52E-03	1.55E-02	1.63E-03	1.51E-02	1.53E-03	1.50E-02	1.51E-03	1.50E-02	1.52E-03	1.50E-02	1.52E-03	6.08E-01	1.33E-01	8.46E+00	1.01E+00
2907 Gridded	1.30E-02	1.92E-03	1.30E-02	1.91E-03	1.38E-02	2.10E-03	1.38E-02	2.10E-03	8.05E-04	1.65E-04	1.30E-02	1.91E-03	1.62E-02	2.67E-03	1.62E-02	2.67E-03	1.30E-02	1.92E-03	1.38E-02	2.10E-03	1.31E-02	1.94E-03	1.30E-02	1.92E-03	1.30E-02	1.93E-03	1.30E-02	1.92E-03	5.91E-01	1.46E-01	7.60E+00	1.27E+00
2908 Gridded	1.29E-02	2.32E-03	1.29E-02	2.31E-03	1.34E-02	2.49E-03	1.34E-02	2.49E-03	9.07E-04	1.54E-04	1.29E-02	2.31E-03	1.55E-02	3.02E-03	1.55E-02	3.02E-03	1.29E-02	2.32E-03	1.34E-02	2.49E-03	1.29E-02	2.34E-03	1.29E-02	2.32E-03	1.29E-02	2.33E-03	1.29E-02	2.32E-03	6.19E-01	1.53E-01	7.36E+00	1.45E+00
2909 Gridded	1.27E-02	2.43E-03	1.27E-02	2.42E-03	1.29E-02	2.57E-03	1.29E-02	2.57E-03	9.42E-04	1.59E-04	1.27E-02	2.42E-03	1.54E-02	3.01E-03	1.54E-02	3.01E-03	1.27E-02	2.43E-03	1.29E-02	2.57E-03	1.27E-02	2.44E-03	1.27E-02	2.42E-03	1.27E-02	2.44E-03	1.27E-02	2.43E-03	6.33E-01	1.62E-01	7.00E+00	1.47E+00
2910 Gridded	6.01E-03	1.95E-03	5.97E-03	1.94E-03	6.59E-03	2.10E-03	6.59E-03	2.10E-03	5.49E-04	1.65E-04	5.98E-03	1.94E-03	8.49E-03	2.60E-03	8.49E-03	2.60E-03	6.01E-03	1.95E-03	6.59E-03	2.10E-03	6.08E-03	1.97E-03	6.00E-03	1.94E-03	6.04E-03	1.96E-03	6.02E-03	1.95E-03	8.95E-01	1.25E-01	3.38E+00	1.16E+00
2911 Gridded	6.33E-03	1.78E-03	6.32E-03	1.77E-03	6.66E-03	1.94E-03	6.66E-03	1.94E-03	5.19E-04	1.55E-04	6.32E-03	1.77E-03	8.41E-03	2.48E-03	8.41E-03	2.48E-03	6.33E-03	1.78E-03	6.66E-03	1.94E-03	6.36E-03	1.80E-03	6.33E-03	1.77E-03	6.34E-03	1.79E-03	6.33E-03	1.78E-03	1.15E+00	1.20E-01	3.58E+00	1.11E+00
2912 Gridded	7.49E-03	1.67E-03	7.44E-03	1.66E-03	8.25E-03	1.82E-03	8.25E-03	1.82E-03	7.16E-04	1.44E-04	7.45E-03	1.66E-03	1.07E-02	2.32E-03	1.07E-02	2.32E-03	7.49E-03	1.67E-03	8.25E-03	1.82E-03	7.58E-03	1.69E-03	7.47E-03	1.66E-03	7.53E-03	1.68E-03	7.50E-03	1.67E-03	1.23E+00	1.11E-01	4.15E+00	1.07E+00
2913 Gridded	1.05E-02	1.54E-03	1.04E-02	1.53E-03	1.14E-02	1.68E-03	1.14E-02	1.68E-03	8.28E-04	1.36E-04	1.04E-02	1.53E-03	1.42E-02	2.15E-03	1.42E-02	2.15E-03	1.05E-02	1.54E-03	1.14E-02	1.68E-03	1.06E-02	1.56E-03	1.05E-02	1.54E-03	1.05E-02	1.55E-03	1.05E-02	1.54E-03	1.21E+00	1.02E-01	5.83E+00	9.98E-01
2914 Gridded	1.25E-02	1.96E-03	1.24E-02	1.95E-03	1.33E-02	2.13E-03	1.33E-02	2.13E-03	8.21E-04	1.55E-04	1.24E-02	1.95E-03	1.59E-02	2.66E-03	1.59E-02	2.66E-03	1.25E-02	1.96E-03	1.33E-02	2.13E-03	1.26E-02	1.98E-03	1.25E-02	1.96E-03	1.25E-02	1.97E-03	1.25E-02	1.96E-03	1.19E+00	1.22E-01	7.00E+00	1.24E+00
2915 Gridded	1.44E-02	2.35E-03	1.43E-02	2.34E-03	1.55E-02	2.52E-03	1.55E-02	2.52E-03	9.94E-04	1.58E-04	1.43E-02	2.34E-03	1.89E-02	3.06E-03	1.89E-02	3.06E-03	1.44E-02	2.35E-03	1.55E-02	2.52E-03	1.45E-02	2.37E-03	1.44E-02	2.35E-03	1.45E-02	2.36E-03	1.44E-02	2.35E-03	1.01E+00	1.29E-01	8.43E+00	1.50E+00
2916 Gridded	1.75E-02	2.59E-03	1.74E-02	2.58E-03	1.87E-02	2.74E-03	1.87E-02	2.74E-03	1.18E-03	1.46E-04	1.74E-02	2.58E-03	2.28E-02	3.25E-03	2.28E-02	3.25E-03	1.75E-02	2.59E-03	1.87E-02	2.74E-03	1.76E-02	2.61E-03	1.75E-02	2.58E-03	1.76E-02	2.60E-03	1.75E-02	2.59E-03	6.75E-01	1.49E-01	9.64E+00	1.66E+00
2917 Gridded	1.98E-02	2.58E-03	1.97E-02	2.57E-03	2.11E-02	2.71E-03	2.11E-02	2.71E-03	1.24E-03	1.26E-04	1.97E-02	2.57E-03	2.54E-02	3.14E-03	2.54E-02	3.14E-03	1.98E-02	2.58E-03	2.11E-02	2.71E-03	2.00E-02	2.59E-03	1.98E-02	2.57E-03	1.99E-02	2.58E-03	1.98E-02	2.58E-03	7.47E-01	1.63E-01	1.10E+01	1.65E+00
2918 Gridded	2.00E-02	2.34E-03	1.99E-02	2.33E-03	2.11E-02	2.45E-03	2.11E-02	2.45E-03	1.08E-03	1.03E-04	1.99E-02	2.34E-03	2.49E-02	2.81E-03	2.49E-02	2.81E-03	2.00E-02	2.34E-03	2.11E-02	2.45E-03	2.01E-02	2.36E-03	2.00E-02	2.34E-03	2.01E-02	2.35E-03	2.00E-02	2.34E-03	8.13E-01	1.59E-01	1.13E+01	1.50E+00
2919 Gridded	1.70E-02	1.95E-03	1.69E-02	1.95E-03	1.78E-02	2.04E-03	1.78E-02	2.04E-03	1.18E-03	9.54E-05	1.69E-02	1.95E-03	2.04E-02	2.32E-03	2.04E-02	2.32E-03	1.70E-02	1.95E-03	1.78E-02	2.04E-03	1.71E-02	1.96E-03	1.70E-02	1.95E-03	1.70E-02	1.96E-03	1.70E-02	1.96E-03	1.00E+00	1.41E-01	9.91E+00	1.25E+00
2920 Gridded	1.56E-02	1.51E-03	1.56E-02	1.50E-03	1.65E-02	1.57E-03	1.65E-02	1.57E-03	1.11E-03	8.81E-05	1.56E-02	1.50E-03	1.93E-02	1.77E-03	1.93E-02	1.77E-03	1.56E-02	1.51E-03	1.65E-02	1.57E-03	1.57E-02	1.52E-03	1.56E-02	1.51E-03	1.57E-02	1.51E-03	1.56E-02	1.51E-03	1.16E+00	1.29E-01	9.27E+00	9.76E-01
2921 Gridded	1.47E-02	1.09E-03	1.47E-02	1.09E-03	1.55E-02	1.18E-03	1.55E-02	1.18E-03	8.68E-04	1.14E-04	1.47E-02	1.09E-03	1.79E-02	1.55E-03	1.79E-02	1.55E-03	1.47E-02	1.09E-03	1.55E-02	1.18E-03	1.48E-02	1.10E-03	1.47E-02	1.09E-03	1.48E-02	1.10E-03	1.47E-02	1.09E-03	1.16E+00	1.26E-01	8.84E+00	7.42E-01
2922 Gridded	1.29E-02	1.39E-03	1.29E-02	1.38E-03	1.35E-02	1.53E-03	1.35E-02	1.53E-03	1.15E-03	1.37E-04	1.29E-02	1.38E-03	1.60E-02	2.00E-03	1.60E-02	2.00E-03	1.29E-02	1.39E-03	1.35E-02	1.53E-03	1.30E-02	1.40E-03	1.29E-02	1.38E-03	1.29E-02	1.40E-03	1.29E-02	1.39E-03	1.00E+00	1.34E-01	7.80E+00	9.30E-01

Scenario 2 Results

2923	Gridded	1.70E-02	1.74E-03	1.69E-02	1.73E-03	1.85E-02	1.91E-03	1.85E-02	1.91E-03	1.42E-03	1.54E-04	1.69E-02	1.73E-03	2.34E-02	2.44E-03	2.34E-02	2.44E-03	1.70E-02	1.74E-03	1.85E-02	1.91E-03	1.72E-02	1.76E-03	1.69E-02	1.74E-03	1.71E-02	1.75E-03	1.70E-02	1.75E-03	9.03E-01	1.40E-01	9.99E+00	1.15E+00
2924	Gridded	2.28E-02	2.02E-03	2.27E-02	2.01E-03	2.43E-02	2.19E-03	2.43E-02	2.19E-03	1.41E-03	1.58E-04	2.27E-02	2.01E-03	2.92E-02	2.73E-03	2.92E-02	2.73E-03	2.28E-02	2.02E-03	2.43E-02	2.19E-03	2.30E-02	2.04E-03	2.28E-02	2.01E-03	2.29E-02	2.03E-03	2.28E-02	2.02E-03	1.16E+00	1.40E-01	1.34E+01	1.32E+00
2925	Gridded	2.53E-02	2.18E-03	2.52E-02	2.17E-03	2.65E-02	2.33E-03	2.65E-02	2.33E-03	1.11E-03	1.46E-04	2.53E-02	2.17E-03	3.03E-02	2.83E-03	3.03E-02	2.83E-03	2.53E-02	2.18E-03	2.65E-02	2.33E-03	2.55E-02	2.20E-03	2.53E-02	2.17E-03	2.54E-02	2.19E-03	2.53E-02	2.18E-03	1.79E+00	1.36E-01	1.47E+01	1.41E+00
2926	Gridded	2.28E-02	2.16E-03	2.28E-02	2.15E-03	2.35E-02	2.28E-03	2.35E-02	2.28E-03	1.05E-03	1.18E-04	2.28E-02	2.15E-03	2.58E-02	2.69E-03	2.58E-02	2.69E-03	2.28E-02	2.16E-03	2.35E-02	2.28E-03	2.29E-02	2.17E-03	2.28E-02	2.15E-03	2.29E-02	2.16E-03	2.28E-02	2.16E-03	2.27E+00	1.54E-01	1.31E+01	1.38E+00
2927	Gridded	1.64E-02	1.92E-03	1.64E-02	1.92E-03	1.67E-02	2.01E-03	1.67E-02	2.01E-03	1.09E-03	9.01E-05	1.64E-02	1.92E-03	1.78E-02	2.29E-03	1.78E-02	2.29E-03	1.64E-02	1.92E-03	1.67E-02	2.01E-03	1.64E-02	1.93E-03	1.64E-02	1.92E-03	1.64E-02	1.93E-03	1.64E-02	1.92E-03	2.35E+00	1.60E-01	9.24E+00	1.21E+00
2928	Gridded	1.37E-02	1.52E-03	1.37E-02	1.52E-03	1.47E-02	1.57E-03	1.47E-02	1.57E-03	8.81E-04	8.85E-05	1.37E-02	1.52E-03	1.77E-02	1.75E-03	1.77E-02	1.75E-03	1.37E-02	1.52E-03	1.47E-02	1.57E-03	1.38E-02	1.53E-03	1.37E-02	1.52E-03	1.38E-02	1.52E-03	1.37E-02	1.52E-03	1.98E+00	1.40E-01	8.45E+00	9.32E-01
2929	Gridded	1.49E-02	1.33E-03	1.49E-02	1.33E-03	1.55E-02	1.39E-03	1.55E-02	1.39E-03	1.02E-03	9.48E-05	1.49E-02	1.33E-03	1.86E-02	1.60E-03	1.86E-02	1.60E-03	1.49E-02	1.33E-03	1.55E-02	1.39E-03	1.50E-02	1.34E-03	1.49E-02	1.33E-03	1.49E-02	1.34E-03	1.49E-02	1.33E-03	1.39E+00	1.11E-01	8.71E+00	8.07E-01
2930	Gridded	1.80E-02	1.22E-03	1.79E-02	1.21E-03	1.92E-02	1.29E-03	1.92E-02	1.29E-03	1.10E-03	1.02E-04	1.79E-02	1.21E-03	2.30E-02	1.53E-03	2.30E-02	1.53E-03	1.80E-02	1.22E-03	1.92E-02	1.29E-03	1.81E-02	1.22E-03	1.80E-02	1.21E-03	1.81E-02	1.22E-03	1.80E-02	1.22E-03	9.30E-01	1.07E-01	1.08E+01	7.70E-01
2931	Gridded	2.08E-02	1.30E-03	2.08E-02	1.30E-03	2.20E-02	1.40E-03	2.20E-02	1.40E-03	1.17E-03	1.27E-04	2.08E-02	1.30E-03	2.59E-02	1.76E-03	2.59E-02	1.76E-03	2.09E-02	1.30E-03	2.20E-02	1.40E-03	2.10E-02	1.32E-03	2.08E-02	1.30E-03	2.09E-02	1.31E-03	2.09E-02	1.31E-03	9.79E-01	1.36E-01	1.25E+01	9.65E-01
2932	Gridded	2.22E-02	1.67E-03	2.21E-02	1.66E-03	2.33E-02	1.81E-03	2.33E-02	1.81E-03	1.17E-03	1.31E-04	2.21E-02	1.66E-03	2.71E-02	2.26E-03	2.71E-02	2.26E-03	2.22E-02	1.67E-03	2.33E-02	1.81E-03	2.23E-02	1.69E-03	2.21E-02	1.67E-03	2.22E-02	1.68E-03	2.22E-02	1.67E-03	1.12E+00	1.38E-01	1.31E+01	1.11E+00
2933	Gridded	2.19E-02	2.08E-03	2.18E-02	2.07E-03	2.30E-02	2.20E-03	2.30E-02	2.20E-03	1.07E-03	1.14E-04	2.18E-02	2.07E-03	2.66E-02	2.59E-03	2.66E-02	2.59E-03	2.19E-02	2.08E-03	2.30E-02	2.20E-03	2.20E-02	2.09E-03	2.19E-02	2.07E-03	2.20E-02	2.08E-03	2.19E-02	2.08E-03	1.02E+00	1.08E-01	1.27E+01	1.28E+00
2934	Gridded	2.04E-02	2.21E-03	2.03E-02	2.20E-03	2.14E-02	2.30E-03	2.14E-02	2.30E-03	9.76E-04	1.09E-04	2.03E-02	2.20E-03	2.48E-02	2.60E-03	2.48E-02	2.60E-03	2.04E-02	2.21E-03	2.14E-02	2.30E-03	2.05E-02	2.22E-03	2.04E-02	2.20E-03	2.05E-02	2.21E-03	2.04E-02	2.21E-03	7.90E-01	1.00E-01	1.17E+01	1.30E+00
2935	Gridded	1.83E-02	1.99E-03	1.83E-02	1.98E-03	1.91E-02	2.05E-03	1.91E-02	2.05E-03	8.76E-04	1.24E-04	1.83E-02	1.98E-03	2.21E-02	2.27E-03	2.21E-02	2.27E-03	1.83E-02	1.99E-03	1.91E-02	2.05E-03	1.84E-02	2.00E-03	1.83E-02	1.99E-03	1.84E-02	1.99E-03	1.83E-02	1.99E-03	5.54E-01	1.19E-01	1.04E+01	1.15E+00
2936	Gridded	1.65E-02	1.58E-03	1.64E-02	1.57E-03	1.71E-02	1.72E-03	1.71E-02	1.72E-03	8.61E-04	1.52E-04	1.64E-02	1.57E-03	1.91E-02	2.17E-03	1.91E-02	2.17E-03	1.65E-02	1.58E-03	1.71E-02	1.72E-03	1.65E-02	1.59E-03	1.64E-02	1.57E-03	1.65E-02	1.59E-03	1.65E-02	1.58E-03	5.78E-01	1.40E-01	9.28E+00	9.80E-01
2937	Gridded	1.40E-02	1.92E-03	1.39E-02	1.91E-03	1.48E-02	2.06E-03	1.48E-02	2.06E-03	8.25E-04	1.64E-04	1.39E-02	1.92E-03	1.76E-02	2.58E-03	1.76E-02	2.58E-03	1.40E-02	1.92E-03	1.48E-02	2.06E-03	1.40E-02	1.94E-03	1.40E-02	1.92E-03	1.40E-02	1.93E-03	1.40E-02	1.92E-03	5.64E-01	1.56E-01	8.12E+00	1.23E+00
2938	Gridded	1.41E-02	2.26E-03	1.40E-02	2.25E-03	1.49E-02	2.43E-03	1.49E-02	2.43E-03	9.29E-04	1.59E-04	1.41E-02	2.26E-03	1.74E-02	2.96E-03	1.74E-02	2.96E-03	1.41E-02	2.26E-03	1.49E-02	2.43E-03	1.42E-02	2.28E-03	1.41E-02	2.26E-03	1.41E-02	2.27E-03	1.41E-02	2.27E-03	6.08E-01	1.53E-01	8.17E+00	1.42E+00
2939	Gridded	1.33E-02	2.45E-03	1.33E-02	2.44E-03	1.40E-02	2.59E-03	1.40E-02	2.59E-03	9.98E-04	1.62E-04	1.33E-02	2.44E-03	1.62E-02	3.04E-03	1.62E-02	3.04E-03	1.33E-02	2.45E-03	1.40E-02	2.59E-03	1.34E-02	2.47E-03	1.33E-02	2.45E-03	1.34E-02	2.46E-03	1.34E-02	2.45E-03	6.27E-01	1.69E-01	7.70E+00	1.49E+00
2940	Gridded	1.51E-02	2.35E-03	1.50E-02	2.34E-03	1.58E-02	2.51E-03	1.58E-02	2.51E-03	1.13E-03	1.72E-04	1.50E-02	2.34E-03	1.82E-02	3.01E-03	1.82E-02	3.01E-03	1.51E-02	2.35E-03	1.58E-02	2.51E-03	1.51E-02	2.37E-03	1.50E-02	2.35E-03	1.51E-02	2.36E-03	1.51E-02	2.35E-03	7.14E-01	1.72E-01	8.61E+00	1.44E+00
2941	Gridded	6.09E-03	1.96E-03	6.05E-03	1.95E-03	6.68E-03	2.13E-03	6.68E-03	2.13E-03	5.62E-04	1.66E-04	6.06E-03	1.95E-03	8.57E-03	2.68E-03	8.57E-03	2.68E-03	6.09E-03	1.96E-03	6.68E-03	2.13E-03	6.17E-03	1.98E-03	6.08E-03	1.95E-03	6.13E-03	1.97E-03	6.10E-03	1.96E-03	6.42E-01	1.45E-01	3.43E+00	1.15E+00
2942	Gridded	6.18E-03	1.89E-03	6.14E-03	1.88E-03	6.78E-03	2.05E-03	6.78E-03	2.05E-03	5.89E-04	1.74E-04	6.15E-03	1.88E-03	8.74E-03	2.58E-03	8.74E-03	2.58E-03	6.18E-03	1.89E-03	6.78E-03	2.05E-03	6.25E-03	1.91E-03	6.17E-03	1.89E-03	6.21E-03	1.90E-03	6.19E-03	1.89E-03	5.69E-01	1.38E-01	3.50E+00	1.14E+00
2943	Gridded	6.23E-03	1.82E-03	6.19E-03	1.81E-03	6.84E-03	2.01E-03	6.84E-03	2.01E-03	5.75E-04	1.75E-04	6.20E-03	1.81E-03	8.82E-03	2.61E-03	8.82E-03	2.61E-03	6.23E-03	1.82E-03	6.84E-03	2.01E-03	6.31E-03	1.84E-03	6.22E-03	1.82E-03	6.27E-03	1.83E-03	6.24E-03	1.82E-03	6.99E-01	1.44E-01	3.58E+00	1.14E+00
2944	Gridded	7.60E-03	1.80E-03	7.55E-03	1.79E-03	8.41E-03	1.98E-03	8.41E-03	1.98E-03	7.55E-04	1.68E-04	7.56E-03	1.79E-03	1.10E-02	2.56E-03	1.10E-02	2.56E-03	7.61E-03	1.80E-03	8.41E-03	1.98E-03	7.70E-03	1.82E-03	7.59E-03	1.79E-03	7.65E-03	1.81E-03	7.61E-03	1.80E-03	1.01E+00	1.41E-01	4.21E+00	1.15E+00
2945	Gridded	1.09E-02	1.74E-03	1.09E-02	1.72E-03	1.18E-02	1.90E-03	1.18E-02	1.90E-03	8.75E-04	1.51E-04	1.09E-02	1.73E-03	1.49E-02	2.42E-03	1.49E-02	2.42E-03	1.09E-02	1.74E-03	1.18E-02	1.90E-03	1.10E-02	1.76E-03	1.09E-02	1.73E-03	1.10E-02	1.74E-03	1.09E-02	1.74E-03	1.17E+00	1.30E-01	6.07E+00	1.13E+00
2946	Gridded	1.33E-02	2.16E-03	1.32E-02	2.15E-03	1.41E-02	2.34E-03	1.41E-02	2.34E-03	9.10E-04	1.68E-04	1.32E-02	2.15E-03	1.69E-02	2.92E-03	1.69E-02	2.92E-03	1.33E-02	2.16E-03	1.41E-02	2.34E-03	1.34E-02	2.18E-03	1.33E-02	2.16E-03	1.33E-02	2.17E-03	1.33E-02	2.16E-03	1.14E+00	1.26E-01	7.47E+00	1.34E+00
2947	Gridded	1.65E-02	2.61E-03	1.64E-02	2.60E-03	1.78E-02	2.79E-03	1.78E-02	2.79E-03	1.19E-03	1.70E-04	1.64E-02	2.60E-03	2.19E-02	3.38E-03	2.19E-02	3.38E-03	1.65E-02	2.61E-03	1.78E-02	2.79E-03	1.67E-02	2.63E-03	1.65E-02	2.61E-03	1.66E-02	2.62E-03	1.65E-02	2.61E-03	9.18E-01	1.36E-01	9.01E+00	1.64E+00
2948	Gridded	2.07E-02	2.80E-03	2.06E-02	2.79E-03	2.21E-02	2.96E-03	2.21E-02	2.96E-03	1.36E-03	1.56E-04	2.06E-02	2.79E-03	2.68E-02	3.50E-03	2.68E-02	3.50E-03	2.07E-02	2.80E-03	2.21E-02	2.96E-03	2.08E-02	2.82E-03	2.06E-02	2.80E-03	2.07E-02	2.81E-03	2.07E-02	2.80E-03	7.39E-01	1.45E-01	1.13E+01	1.80E+00
2949	Gridded	2.26E-02	2.67E-03	2.25E-02	2.66E-03	2.40E-02	2.81E-03	2.40E-02	2.81E-03	1.30E-03	1.32E-04	2.25E-02	2.66E-03	2.85E-02	3.26E-03	2.85E-02	3.26E-03	2.26E-02	2.67E-03	2.40E-02	2.81E-03	2.28E-02	2.68E-03	2.26E-02	2.66E-03	2.27E-02	2.68E-03	2.26E-02	2.67E-03	6.78E-01	1.58E-01	1.26E+01	1.74E+00
2950	Gridded	2.05E-02	2.31E-03	2.04E-02	2.31E-03	2.16E-02	2.43E-03	2.16E-02	2.43E-03	1.16E-03	1.06E-04	2.04E-02	2.31E-03	2.50E-02	2.79E-03	2.50E-02	2.79E-03	2.05E-02	2.31E-03	2.16E-02	2.43E-03	2.06E-02	2.33E-03	2.05E-02	2.31E-03	2.05E-02	2.32E-03	2.05E-02	2.32E-03	8.89E-01	1.49E-01	1.16E+01	1.52E+00
2951	Gridded	1.74E-02	1.84E-03	1.73E-02	1.84E-03	1.84E-02	1.93E-03	1.84E-02	1.93E-03	1.21E-03	9.43E-05	1.73E-02	1.84E-03	2.19E-02	2.19E-03	2.19E-02	2.19E-03	1.74E-02	1.84E-03	1.84E-02	1.93E-03	1.75E-02	1.85E-03	1.74E-02	1.84E-03	1.74E-02	1.85E-03	1.74E-02	1.85E-03	1.16E+00	1.35E-01	1.03E+01	1.23E+00
2952	Gridded	1.74E-02	1.31E-03	1.73E-02	1.30E-03	1.83E-02	1.36E-03	1.83E-02	1.36E-03	1.03E-03	1.08E-04	1.73E-02	1.30E-03	2.14E-02	1.54E-03	2.14E-02	1.54E-03	1.74E-02	1.31E-03	1.83E-02	1.36E-03	1.75E-02	1.31E-03	1.73E-02	1.30E-03	1.74E-02	1.31E-03	1.74E-02	1.31E-03	1.31E+00	1.35E-01	1.04E+01	8.87E-01
2953	Gridded	1.59E-02	1.26E-03	1.59E-02	1.25E-03	1.66E-02	1.41E-03	1.66E-02	1.41E-03	9.95E-04	1.38E-04	1.59E-02	1.25E-03	1.90E-02	1.88E-03	1.90E-02	1.88E-03	1.59E-02	1.26E-03	1.66E-02	1.41E-03	1.60E-02	1.28E-03	1.59E-02	1.26E-03	1.60E-02	1.27E-03	1.59E-02	1.26E-03	1.17E+00	1.38E-01	9.60E+00	8.27E-01
2954	Gridded	1.38E-02	1.66E-03	1.37E-02	1.65E-03	1.52E-02	1.83E-03	1.52E-02	1.83E-03	1.36E-03	1.64E-04	1.37E-02	1.65E-03	1.99E-02	2.40E-03	1.99E-02	2.40E-03	1.38E-02	1.66E-03	1.52E-02	1.83E-03	1.40E-02	1.68E-03	1.37E-02	1.66E-03	1.39E-02	1.67E-03	1.38E-02	1.66E-03	1.16E+00	1.51E-01	8.17E+00	1.10E+00
2955	Gridded	2.05E-02	2.03E-03	2.04E-02	2.01E-03	2.20E-02	2.21E-03	2.20E-02	2.21E-03	1.41E-03	1.76E-04	2.04E-02	2.02E-03	2.69E-02	2.82E-03	2.69E-02	2.82E-03	2.05E-02	2.03E-03	2.20E-02	2.21E-03	2.07E-02	2.05E-03	2.04E-02	2.02E-03	2.06E-02	2.04E-03	2.05E-02	2.03E-03	1.18E+00	1.54E-01	1.20E+01	1.32E+00
2956	Gridded	2.43E-02	2.29E-03	2.42E-02	2.27E-03	2.55E-02	2.46E-03	2.55E-02	2.46E-03	1.09E-03	1.64E-04	2.43E-02	2.28E-03	2.92E-02	3.03E-03	2.92E-02	3.03E-03	2.43E-02	2.29E-03	2.55E-02	2.46E-03	2.45E-02	2.31E-03	2.43E-02	2.28E-03	2.44E-02	2.30E-03	2.43E-02	2.29E-03	2.04E+00	1.54E-01	1.41E+01	1.48E+00
2957	Gridded	2.23E-02	2.33E-03	2.23E-02	2.32E-03	2.30E-02	2.46E-03	2.30E-02	2.46E-03	1.06E-03	1.29E-04	2.23E-02	2.32E-03	2.51E-02	2.91E-03	2.51E-02	2.91E-03	2.23E-02	2.33E-03	2.30E-02	2.46E-03	2.24E-02	2.34E-03	2.23E-02	2.32E-03	2.24E-02	2.34E-03	2.23E-02	2.33E-03	2.72E+00	1.74E-01	1.28E+01	1.49E+00
2958	Gridded	1.54E-02	2.07E-03	1.54E-02	2.06E-03	1.57E-02	2.16E-03	1.57E-02	2.16E-03	1.08E-03	1.01E-04	1.54E-02	2.06E-03	1.65E-02	2.45E-03	1.65E-02	2.45E-03	1.54E-02	2.07E-03	1.57E-02	2.16E-03	1.55E-02	2.08E-03	1.54E-02	2.07E-03	1.55E-02	2.07E-03	1.54E-02	2.07E-03	2.74E+00	1.76E-01	8.67E+00	1.30E+00
2959	Gridded	1.20E-02	1.58E-03	1.19E-02	1.57E-03	1.28E-02	1.63E-03	1.28E-02	1.63E-03	9.59E-04	1.02E-04	1.19E-02	1.57E-03	1.56E-02	1.80E-03	1.56E-02	1.80E-03	1.20E-02	1.58E-03	1.28E-02	1.63E-03	1.21E-02	1.58E-03	1.19E-02	1.58E-03	1.20E-02	1.58E-03	1.20E-02	1.58E-03	2.17E+00	1.48E-01	7.43E+00	9.62E-01
2960	Gridded	1.53E-02	1.36E-03	1.52E-02	1.35E-03	1.65E-02	1.45E-03	1.65E-02	1.45E-03	1.14E-03	1.19E-04	1.52E-02	1.35E-03	2.05E-02	1.77E-03	2.05E-02	1.77E-03	1.53E-02	1.36E-03	1.65E-02	1.45E-03	1.55E-02	1.37E-03	1.53E-02	1.35E-03	1.54E-02	1.36E-03	1.53E-02	1.36E-03	1.42E+00	1.15E-01	9.17E+00	8.60E-01
2961	Gridded	1.99E-02	1.33E-03	1.98E-02	1.32E-03	2.11E-02	1.42E-03	2.11E-02	1.42E-03	1.20E-03	1.22E-04	1.98E-02	1.32E-03	2.53E-02	1.84E-03	2.53E-02	1.84E-03	1.99E-02	1.33E-03	2.11E-02	1.42E-03	2.00E-02	1.34E-03	1.98E-02	1.33E-03	1.99E-02	1.33E-03	1.99E-02	1.33E-03	1.09E+00	1.28E-01	1.19E+01	8.60E-01
2962	Gridded	2.28E-02	1.53E-03	2.27E-02	1.52E-03	2.40E-02	1.64E-03	2.40E-02	1.64E-03	1.24E-03	1.36E-04	2.27E-02	1.52E-03	2.81E-02	2.01E-03	2.81E-02	2.01E-03	2.28E-02	1.53E-03	2.40E-02	1.64E-03	2.29E-02	1.54E-03	2.27E-02	1.53E-03	2.28E-02	1.54E-03	2.28E-02	1.53E-03	1.29E+00	1.55E-01	1.35E+01	1.07E+00
2963	Gridded	2.35E-02	1.89E-03	2.34E-02	1.88E-03	2.47E-02	2.03E-03	2.47E-02	2.03E-03	1.18E-03	1.28E-04	2.34E-02	1.88E-03	2.84E-02	2.47E-03	2.84E-02	2.47E-03	2.35E-02	1.89E-03	2.47E-02	2.03E-03	2.36E-02	1.91E-03	2.35E-02	1.89E-03	2.36E-02	1.90E-03	2.35E-02	1.89E-03	1.39E+00	1.39E-01	1.38E+01	1.23E+00
2964	Gridded	2.23E-02	2.24E-03	2.22E-02	2.24E-03	2.33E-02	2.35E-03	2.33E-02	2.35E-03	1.03E-03	1.23E-04	2.22E-02	2.24E-03	2.68E-02	2.70E-03	2.68E-02	2.70E-03	2.23E-02	2.24E-03	2.33E-02	2.35E-03	2.24E-02	2.26E-03	2.22E-02	2.24E-03	2.23E-02	2.25E-03	2.23E-02	2.24E-03	1.14E+00	1.17E-01	1.29E+01	1.35E+00
2965	Gridded	1.98E-02	2.15E-03	1.97E-02	2.15E-03	2.07E-02	2.23E-03	2.07E-02	2.23E-03	8.99E-04	1.36E-04	1.97E-02	2.15E-03	2.38E-02	2.48E-03	2.38E-02	2.48E-03	1.98E-02	2.15E-03	2.07E-02	2.23E-03	1.99E-02	2.16E-03	1.97E-02	2.15E-03	1.98E-02	2.16E-03	1.98E-02	2.16E-03	7.70E-01	1.23E-01	1.12E+01	1.25E+00
2966	Gridded	1.76E-02	1.78E-03	1.76E-02	1.78E-03	1.83E-02	1.84E-03	1.83E-02	1.84E-03	8.83E-04	1.55E-04	1.76E-02	1.78E-03	2.06E-02	2.24E-03	2.06E-02	2.24E-03	1.76E-02	1.78E-03	1.83E-02	1.84E-03	1.77E-02	1.79E-03	1.76E-02	1.78E-03	1.77E-02	1.79E-03	1.76E-02	1.78E-03	6.76E-01	1.53E-01	9.96E+00	1.03E+00
2967	Gridded	1.52E-02	1.97E-03	1.52E-02	1.96E-03	1.57E-02	2.13E-03	1.57E-02	2.13E-03	8.77E-04	1.75E-04	1.52E-02	1.96E-03	1.75E-02	2.67E-03	1.75E-02	2.67E-03	1.52E-02	1.97E-03	1.57E-02	2.13E-03	1.53E-02	1.99E-03	1.52E-02	1.96E-03	1.52E-02	1.98E-03	1.52E-02	1.97E-03	6.31E-01	1.62E-01	8.53E+00	1.20E+00
2968	Gridded	1.47E-02	2.30E-03	1.46E-02	2.29E-03	1.56E-02	2.46E-03	1.56E-02	2.46E-03	1.00E-03	1.93E-04	1.46E-02	2.30E-03	1.83E-02	2.96E-03	1.83E-02	2.96E-03	1.47E-02	2.30E-03	1.56E-02	2.46E-03	1.48E-02	2.32E-03	1.47E-02	2.30E-03	1.47E-02	2.31E-03	1.47E-02	2.31E-03	6.25E-01	1.55E-01	8.54E+00	1.40E+00
2969	Gridded	1.46E-02	2.46E-03	1.46E-02	2.45E-03	1.53E-02	2.59E-03	1.53E-02	2.59E-03	1.05E-03	1.84E-04	1.46E-02	2.45E-03	1.78E-02	3.11E-03	1.78E-02	3.11E-03	1.46E-02	2.46E-03	1.53E-02	2.59E-03	1.47E-02	2.47E-03	1.46E-02	2.45E-03	1.46E-02	2.47E-03	1.46E-02	2.46E-03	6.28E-01	1.69E-01	8.41E+00	1.46E+00
2970	Gridded	1.55E-02	2.63E-03	1.54E-02	2.62E-03	1.62E-02	2.80E-03	1.62E-02	2.80E-03	1.26E-03	1.73E-04	1.54E-02	2.62E-03	1.94E-02	3.36E-03	1.94E-02	3.36E-03	1.55E-02	2.63E-03	1.62E-02	2.80E-03	1.56E-02	2.65E-03	1.54E-02	2.63E-03	1.55E-02	2.64E-03	1.55E-02	2.63E-03	7.73E-01	1.73E-01	8.82E+00	1.60E+00
2971	Gridded	1.81E-02	2.66E-03	1.80E-02	2.65E-03	1.87E-02	2.81E-03	1.87E-02	2.81E-03	1.39E-03	2.25E-04	1.80E-02	2.65E-03	2.33E-02	3.31E-03	2.33E-02	3.31E-03	1.81E-02	2.66E-03	1.87E-02	2.81E-03	1.82E-02	2.68E-03	1.81E-02	2.66E-03	1.81E-02	2.67E-03	1.81E-02	2.66E-03	8.65E-01	1.87E-01	1.08E+01	1.61E+00
2972	Gridded	6.29E-03	1.68E-03	6.25E-03	1.66E-03	6.85E-03	1.84E-03	6.85E-03	1.84E-03	5.29E-04	1.57E-04	6.26E-03	1.67E-03	8.66E-03	2.38E-03	8.66E-03	2.38E-03	6.29E-03	1.68E-03	6.85E-03	1.84E-03	6.36E-03	1.70E-03	6.28E-03	1.67E-03	6.32E-03	1.69E-03	6.30E-03	1.68E-03	7.49E-01	1.66E-01	3.59E+00	1.10E+00
2973	Gridded	6.04E-03	1.83E-03	6.01E-03	1.82E-03	6.57E-03	2.01E-03	6.57E-03	2.01E-03	5.89E-04	1.68E-04	6.01E-03	1.82E-03	8.51E-03	2.59E-03	8.51E-03	2.59E-03	6.04E-03	1.83E-03	6.57E-03	2.01E-03	6.11E-03	1.86E-03	6.03E-03	1.83E-03	6.07E-03	1.84E-03	6.05E-03	1.84E-03	7.37E-01	1.63E-01	3.52E+00	1.08E+00
2974	Gridded	6.17E-03	1.90E-03	6.12E-03	1.89E-03	6.81E-03	2.08E-03	6.81E-03	2.08E-03	6.44E-04	1.83E-04	6.13E-03	1.89E-03	8.93E-03	2.65E-03	8.93E-03	2.65E-03	6.17E-03	1.90E-03	6.81E-03	2.08E-03	6.25E-03	1.92E-03	6.15E-03	1.90E-03	6.20E-03	1.91E-03	6.17E-03	1.90E-03	6.98E-01	1.57E-01	3.55E+00	1.14E+00
2975	Gridded	6.27E-03	1.89E-03	6.23E-03	1.87E-03	6.96E-03	2.09E-03	6.96E-03	2.09E-03	6.50E-04	1.92E-04	6.23E-03	1.87E-03	9.21E-03	2.75E-03	9.21E-03	2.75E-03	6.27E-03	1.89E-03	6.96E-03	2.09E-03	6.36E-03	1.91E-03	6.26E-03	1.88E-03	6.31E-03	1.90E-03	6.28E-03	1.89E-03	6.18E-01	1.69E-01	3.63E+00	1.17E+00
2976	Gridded	7.37E-03	1.95E-03	7.31E-03	1.93E-03	8.18E-03	2.14E-03	8.18E-03	2.14E-03	7.65E-04	1.84E-04	7.32E-03	1.94E-03	1.08E-02	2.78E-03	1.08E-02	2.78E-03	7.37E-03	1.95E-03	8.18E-03	2.14E-03	7.47E-03	1.97E-03	7.35E-03	1.94E-03	7.42E-03	1.96E-03	7.38E-03	1.95E-03	7.57E-01	1.71E-01	4.08E+00	1.23E+00
2977	Gridded	1.09E-02	1.93E-03	1.09E-02	1.92E-03	1.19E-02	2.10E-03	1.19E-02	2.10E-03	9.09E-04	1.60E-04	1.09E-02	1.93E-03	1.50E-02	2.65E-03	1.50E-02	2.65E-03	1.09E-02	1.94E-03	1.19E-02	2.10E-03	1.11E-02	1.96E-03	1.09E-02	1.93E-03	1.10E-02	1.94E-03	1.09E-02	1.94E-03	1.02E+00	1.56E-01	6.08E+00	1.25E+00
2978	Gridded	1.36E-02	2.26E-03	1.36E-02	2.25E-03	1.47E-02	2.45E-03	1.47E-02	2.45E-03	1.02E-03	1.81E-04	1.36E-02	2.25E-03	1.82E-02	3.08E-03	1.82E-02	3.08E-03	1.36E-02	2.26E-03	1.47E-02	2.45E-03	1.38E-02	2.28E-03	1.36E-02	2.26E-03	1.37E-02	2.27E-03	1.37E-02	2.26E-03	1.01E+00	1.31E-01	7.63E+00	1.38E+00
2979	Gridded	1.87E-02	2.71E-03	1.86E-02	2.70E-03	2.01E-02	2.91E-03	2.01E-02	2.91E-03	1.29E-03	1.87E-04	1.86E-02	2.70E-03	2.45E-02	3.56E-03	2.45E-02	3.56E-03	1.87E-02	2.71E-03	2.01E-02	2.91E-03	1.89E-02	2.74E-03	1.87E-02	2.71E-03	1.88E-02	2.72E-03	1.87E-02	2.71E-03	8.52E-01	1.54E-01	1.02E+01	1.71E+00
2980	Gridded	2.23E-02	2.86E-03	2.22E-02	2.85E-03	2.38E-02	3.04E-03	2.38E-02	3.04E-03	1.44E-03	1.69E-04	2.22E-02	2.85E-03	2.88E-02	3.62E-03	2.88E-02	3.62E-03	2.23E-02	2.86E-03	2.38E-02	3.04E-03	2.25E-02	2.88E-03	2.23E-02	2.85E-03	2.24E-02	2.87E-03	2.23E-02	2.86E-03	8.89E-01	1.63E-01	1.22E+01	1.85E+00
2981	Gridded	2.29E-02	2.63E-03	2.28E-02	2.62E-03	2.43E-02	2.77E-03	2.43E-02	2.77E-03	1.28E-03	1.38E-04	2.29E-02	2.62E-03	2.87E-02	3.25E-03	2.87E-02	3.25E-03	2.29E-02	2.63E-03	2.43E-02	2.77E-03	2.31E-02	2.65E-03	2.29E-02	2.62E-03	2.30E-02	2.64E-03	2.29E-02	2.63E-03	7.60E-01	1.58E-01	1.27E+01	1.76E+00
2982	Gridded	1.91E-02	2.15E-03	1.91E-02	2.14E-03	2.04E-02	2.26E-03	2.04E-02	2.26E-03	1.28E-03	1.03E-04	1.91E-02	2.14E-03	2.46E-02	2.62E-03	2.46E-02	2.62E-03	1.92E-02	2.15E-03	2.04E-02	2.26E-03	1.93E-02	2.16E-03	1.91E-02	2.15E-03	1.92E-02	2.16E-03	1.92E-02	2.15E-03	1.07E+00	1.41E-01	1.12E+01	1.47E+00
2983	Gridded	2.03E-02	1.53E-03	2.03E-02	1.53E-03	2.15E-02	1.60E-03	2.15E-02	1.60E-03	1.21E-03	9.83E-05	2.03E-02	1.53E-03	2.54E-02	1.84E-03	2.54E-02	1.84E-03	2.03E-02	1.53E-03	2.15E-02	1.60E-03	2.05E-02	1.54E-03	2.03E-02	1.53E-03	2.04E-02	1.54E-03	2.03E-02	1.53E-03	1.37E+00	1.42E-01	1.21E+01	1.08E+00
2984	Gridded	1.96E-02	1.10E-03	1.95E-02	1.10E-03	2.05E-02	1.24E-03	2.05E-02	1.24E-03	8.72E-04	1.32E-04	1.95E-02	1.10E-03	2.35E-02	1.69E-03	2.35E-02	1.69E-03	1.96E-02	1.10E-03	2.05E-02	1.24E-03	1.97E-02	1.12E-03	1.96E-02	1.10E-03	1.96E-02	1.11E-03	1.96E-02	1.11E-03	1.35E+00	1.45E-01	1.17E+01	7.88E-01
2985	Gridded	1.64E-02	1.52E-03	1.64E-02	1.51E-03	1.70E-02	1.69E-03	1.70E-02	1.69E-03	1.24E-03	1.66E-04	1.64E-02	1.51E-03	1.90E-02	2.26E-03	1.90E-02	2.26E-03	1.64E-02	1.52E-03	1.70E-02	1.69E-03	1.65E-02	1.54E-03	1.64E-02	1.51E-03	1.64E-02	1.53E-03	1.64E-02	1.52E-03	1.32E+00	1.56E-01	9.85E+00	9.91E-01
2986	Gridded	1.73E-02	1.96E-03	1.72E-02	1.94E-03	1.88E-02	2.15E-03	1.88E-02	2.15E-03	1.38E-03	1.85E-04	1.72E-02	1.95E-03	2.35E-02	2.79E-03	2.35E-02	2.79E-03	1.73E-02	1.96E-03	1.88E-02	2.15E-03	1.75E-02	1.98E-03	1.73E-02	1.95E-03	1.74E-02	1.97E-03	1.73E-02	1.96E-03	1.10E+00	1.67E-01	1.01E+01	1.27E+00
2987	Gridded	2.26E-02	2.31E-03	2.26E-02	2.30E-03	2.37E-02	2.50E-03	2.37E-02	2.50E-03	1.05E-03	1.75E-04	2.26E-02	2.30E-03	2.74E-02	3.10E-03	2.74E-02	3.10E-03	2.26E-02	2.31E-03	2.37E-02	2.50E-03	2.28E-02	2.34E-03	2.26E-02	2.31E-03	2.27E-02	2.32E-03	2.27E-02	2.32E-03	2.28E+00	1.72E-01	1.30E+01	1.50E+00
2988	Gridded	2.14E-02	2.42E-03	2.13E-02	2.41E-03	2.19E-02	2.56E-03	2.19E-02	2.56E-03	9.98E-04	1.34E-04	2.14E-02	2.41E-03	2.38E-02	3.03E-03	2.38E-02	3.03E-03	2.14E-02	2.42E-03	2.19E-02	2.56E-03	2.15E-02	2.44E-03	2.14E-02	2.42E-03	2.14E-02	2.43E-03	2.14E-02	2.42E-03	3.21E+00	1.94E-01	1.21E+01	1.56E+00
2989	Gridded	1.41E-02	2.14E-03	1.41E-02	2.14E-03	1.43E-02	2.23E-03	1.43E-02	2.23E-03	9.91E-04	1.09E-04	1.41E-02	2.14E-03	1.49E-02	2.52E-03	1.49E-02	2.52E-03	1.41E-02	2.14E-03	1.43E-02	2.23E-03	1.41E-02	2.15E-03	1.41E-02	2.14E-03	1.41E-02	2.15E-03	1.41E-02	2.14E-03	3.03E+00	1.86E-01	8.01E+00	1.35E+00
2990	Gridded	1.07E-02	1.58E-03	1.06E-02	1.57E-03	1.18E-02	1.63E-03	1.18E-02	1.63E-03	1.04E-03	1.20E-04	1.06E-02	1.58E-03	1.54E-02	1.89E-03	1.54E-02	1.89E-03	1.07E-02	1.58E-03	1.18E-02	1.63E-03	1.08E-02	1.58E-03	1.06E-02	1.58E-03	1.07E-02	1.58E-03	1.07E-02	1.58E-03	2.18E+00	1.46E-01	6.29E+00	9.52E-01
2991	Gridded	1.63E-02	1.45E-03	1.62E-02	1.45E-03	1.76E-02	1.56E-03	1.76E-02	1.56E-03	1.23E-03	1.44E-04	1.63E-02	1.45E-03	2.19E-02	1.89E-03	2.19E-02	1.89E-03	1.63E-02	1.45E-03	1.76E-02	1.56E-03	1.65E-02	1.47E-03	1.63E-02	1.45E-03	1.64E-02	1.46E-03	1.63E-02	1.46E-03	1.32E+00	1.24E-01	9.73E+00	9.27E-01
2992	Gridded	2.14E-02	1.52E-03	2.13E-02	1.51E-03	2.27E-02	1.67E-03	2.27E-02	1.67E-03	1.26E-03	1.40E-04	2.13E-02	1.51E-03	2.71E-02	2.15E-03	2.71E-02	2.15E-03	2.14E-02	1.52E-03	2.27E-02	1.67E-03	2.15E-02	1.54E-03	2.13E-02	1.52E-03	2.15E-02	1.53E-03	2.14E-02	1.52E-03	1.19E+00	1.54E-01	1.27E+01	1.02E+00
2993	Gridded	2.43E-02	1.77E-03	2.42E-02	1.76E-03	2.56E-02	1.89E-03	2.56E-02	1.89E-03	1.27E-03	1.41E-04	2.42E-02	1.77E-03	2.97E-02	2.28E-03	2.97E-02	2.28E-03	2.43E-02	1.77E-03	2.56E-02	1.89E-03	2.44E-02	1.79E-03	2.43E-02	1.77E-03	2.44E-02	1.78E-03	2.43E-02	1.77E-03	1.68E+00	1.68E-01	1.43E+01	1.13E+00
2994	Gridded	2.44E-02	2.07E-03	2.43E-02	2.07E-03	2.55E-02	2.20E-03	2.55E-02	2.20E-03	1.15E-03	1.43E-04	2.43E-02	2.07E-03	2.92E-02	2.60E-03	2.92E-02	2.60E-03	2.44E-02	2.07E-03	2.55E-02	2.20E-03	2.45E-02	2.09E-03	2.43E-02	2.07E-03	2.44E-02	2.08E-03	2.44E-02	2.08E-03	1.66E+00	1.58E-01	1.41E+01	1.31E+00
2995	Gridded	2.21E-02	2.28E-03	2.20E-02	2.27E-03	2.31E-02	2.37E-03	2.31E-02	2.37E-03	9.45E-04	1.61E-04	2.20E-02	2.27E-03	2.63E-02	2.66E-03	2.63E-02	2.66E-03	2.21E-02	2.28E-03	2.31E-02	2.37E-03	2.22E-02	2.29E-03	2.21E-02	2.27E-03	2.22E-02	2.28E-03	2.21E-02	2.28E-03	1.21E+00	1.29E-01	1.26E+01	1.34E+00
2996	Gridded	1.90E-02	1.95E-03	1.90E-02	1.95E-03	1.98E-02	2.02E-03	1.98E-02	2.02E-03	8.64E-04	1.75E-04	1.90E-02	1.95E-03	2.23E-02	2.30E-03	2.23E-02	2.30E-03	1.90E-02	1.95E-03	1.98E-02	2.02E-03	1.91E-02	1.96E-03	1.90E-02	1.95E-03	1.91E-02	1.96E-03	1.90E-02	1.96E-03	8.55E-01	1.69E-01	1.07E+01	1.12E+00
2997	Gridded	1.65E-02	1.96E-03	1.64E-02	1.95E-03	1.71E-02	2.15E-03	1.71E-02	2.15E-03	9.76E-04	1.98E-04	1.64E-02	1.95E-03	1.90E-02	2.75E-03	1.90E-02	2.75E-03	1.65E-02	1.96E-03	1.71E-02	2.15E-03	1.66E-02	1.98E-03	1.65E-02	1.96E-03	1.65E-02	1.97E-03	1.65E-02	1.96E-03	7.66E-01	1.77E-01	9.24E+00	1.24E+00
2998	Gridded	1.42E-02	2.39E-03	1.41E-02	2.37E-03	1.50E-02	2.56E-03	1.50E-02	2.56E-03	1.03E-03	2.20E-04	1.41E-02	2.38E-03	1.79E-02	3.14E-03	1.79E-02	3.14E-03	1.42E-02	2.39E-03	1.50E-02	2.56E-03	1.43E-02	2.41E-03	1.41E-02	2.38E-03	1.42E-02	2.40E-03	1.42E-02	2.39E-03	7.14E-01	1.56E-01	8.34E+00	1.43E+00
2999	Gridded	1.46E-02	2.59E-03	1.46E-02	2.58E-03	1.54E-02	2.75E-03	1.54E-02	2.75E-03	1.15E-03	2.13E-04	1.46E-02	2.59E-03	1.80E-02	3.27E-03	1.80E-02	3.27E-03	1.46E-02	2.59E-03	1.54E-02	2.75E-03	1.47E-02	2.61E-03	1.46E-02	2.59E-03	1.47E-02	2.60E-03	1.46E-02	2.60E-03	6.93E-01	1.61E-01	8.48E+00	1.51E+00
3000	Gridded	1.60E-02	2.85E-03	1.59E-02	2.84E-03	1.68E-02	3.04E-03	1.68E-02	3.04E-03	1.39E-03	2.13E-04	1.59E-02	2.84E-03	2.03E-02	3.67E-03	2.03E-02	3.67E-03	1.60E-02	2.85E-03	1.68E-02	3.04E-03	1.61E-02	2.87E-03	1.59E-02	2.85E-03	1.60E-02	2.86E-03	1.60E-02	2.85E-03	8.07E-01	1.92E-01	9.13E+00	1.72E+00
3001	Gridded	1.87E-02	2.93E-03	1.87E-02	2.92E-03	2.01E-02	3.09E-03	2.01E-02	3.09E-03	1.60E-03	2.77E-04	1.87E-02	2.92E-03	2.56E-02	3.61E-03	2.56E-02	3.61E-03	1.88E-02	2.93E-03	2.01E-02	3.09E-03	1.88E-02	2.95E-03	1.87E-02	2.93E-03	1.88E-02	2.94E-03	1.88E-02	2.93E-03	9.51E-01	2.33E-01	1.16E+01	1.76E+00
3002	Gridded	2.19E-02	2.65E-03	2.17E-02	2.64E-03	2.36E-02	2.80E-03	2.36E-02	2.80E-03	1.64E-03	3.16E-04	2.18E-02	2.65E-03	2.93E-02	3.71E-03	2.93E-02	3.71E-03	2.19E-02	2.65E-03	2.36E-02	2.80E-03	2.21E-02	2.67E-03	2.18E-02	2.65E-03	2.20E-02	2.66E-03	2.19E-02	2.66E-03	1.00E+00	2.58E-01	1.35E+01	1.63E+00
3003	Gridded	5.75E-03	2.03E-03	5.71E-03	2.02E-03	6.31E-03	2.19E-03	6.31E-03	2.19E-03	5.44E-04	1.45E-04	5.71E-03	2.03E-03	8.15E-03	2.69E-03	8.15E-03	2.69E-03	5.75E-03	2.03E-03	6.31E-03	2.19E-03	5.82E-03	2.05E-03	5.73E-03	2.03E-03	5.78E-03	2.04E-03	5.75E-03	2.04E-03	7.05E-01	1.65E-01	3.48E+00	1.29E+00
3004	Gridded	6.13E-03	1.90E-03	6.09E-03	1.89E-03	6.73E-03	2.04E-03	6.73E-03	2.04E-03	5.69E-04	1.53E-04	6.10E-03	1.89E-03	8.69E-03	2.50E-03	8.69E-03	2.50E-03	6.13E-03	1.90E-03	6.73E-03	2.04E-03	6.20E-03	1.92E-03	6.12E-03	1.90E-03	6.17E-03	1.91E-03	6.14E-03	1.90E-03	7.78E-01	1.77E-01	3.52E+00	1.24E+00
3005	Gridded	6.14E-03	1.75E-03	6.10E-03	1.74E-03	6.73E-03	1.94E-03	6.73E-03	1.94E-03	6.27E-04	1.72E-04	6.11E-03	1.74E-03	8.65E-03	2.53E-03	8.65E-03	2.53E-03	6.14E-03	1.75E-03	6.73E-03	1.94E-03	6.21E-03	1.78E-03	6.13E-03	1.75E-03	6.17E-03	1.76E-03	6.15E-03	1.75E-03	8.36E-01	1.81E-01	3.61E+00	1.15E+00
3006	Gridded	6.06E-03	1.89E-03	6.02E-03	1.88E-03	6.77E-03	2.08E-03	6.77E-03	2.08E-03	6.89E-04	1.81E-04	6.03E-03	1.88E-03	9.09E-03	2.68E-03	9.09E-03	2.68E-03	6.07E-03	1.89E-03	6.77E-03	2.08E-03	6.15E-03	1.91E-03	6.05E-03	1.88E-03	6.11E-03	1.90E-03	6.07E-03	1.89E-03	8.41E-01	1.72E-01	3.52E+00	1.13E+00
3007	Gridded	6.13E-03	1.90E-03	6.08E-03	1.88E-03	6.84E-03	2.10E-03	6.84E-03	2.10E-03	6.97E-04	1.94E-04	6.09E-03	1.89E-03	9.22E-03	2.77E-03	9.22E-03	2.77E-03	6.13E-03	1.90E-03	6.84E-03	2.10E-03	6.22E-03	1.92E-03	6.12E-03	1.89E-03	6.17E-03	1.91E-03	6.14E-03	1.90E-03	7.62E-01	1.89E-01	3.57E+00	1.16E+00
3008	Gridded	7.21E-03	2.03E-03	7.17E-03	2.01E-03	7.74E-03	2.23E-03	7.74E-03	2.23E-03	7.46E-04	1.90E-04	7.18E-03	2.02E-03	1.00E-02	2.88E-03	1.00E-02	2.88E-03	7.21E-03	2.03E-03	7.74E-03	2.23E-03	7.27E-03	2.05E-03	7.20E-03	2.02E-03	7.24E-03	2.04E-03	7.22E-03	2.03E-03	6.83E-01	1.91E-01	4.07E+00	1.27E+00
3009	Gridded	1.04E-02	2.04E-03	1.04E-02	2.03E-03	1.14E-02	2.22E-03	1.14E-02	2.22E-03	9.03E-04	1.66E-04	1.04E-02	2.03E-03	1.45E-02	2.80E-03	1.45E-02	2.80E-03	1.04E-02	2.05E-03	1.14E-02	2.22E-03	1.05E-02	2.07E-03	1.04E-02	2.04E-03	1.05E-02	2.05E-03	1.04E-02	2.05E-03	7.58E-01	1.86E-01	5.78E+00	1.32E+00
3010	Gridded	1.41E-02	2.24E-03	1.40E-02	2.23E-03	1.52E-02	2.46E-03	1.52E-02	2.46E-03	1.05E-03	2.00E-04	1.40E-02	2.23E-03	1.88E-02	3.14E-03	1.88E-02	3.14E-03	1.41E-02	2.24E-03	1.52E-02	2.46E-03	1.42E-02	2.27E-03	1.40E-02	2.24E-03	1.41E-02	2.26E-03	1.41E-02	2.25E-03	9.28E-01	1.59E-01	7.59E+00	1.36E+00
3011	Gridded	1.92E-02	2.65E-03	1.91E-02	2.64E-03	2.07E-02	2.87E-03	2.07E-02	2.87E-03	1.36E-03	2.00E-04	1.92E-02	2.64E-03	2.54E-02	3.56E-03	2.54E-02	3.56E-03	1.92E-02	2.65E-03	2.07E-02	2.87E-03	1.94E-02	2.68E-03	1.92E-02	2.65E-03	1.93E-02	2.67E-03	1.93E-02	2.66E-03	1.02E+00	1.79E-01	1.04E+01	1.67E+00
3012	Gridded	2.28E-02	2.64E-03	2.27E-02	2.63E-03	2.43E-02	2.82E-03	2.43E-02	2.82E-03	1.41E-03	1.71E-04	2.27E-02	2.63E-03	2.91E-02	3.41E-03	2.91E-02	3.41E-03	2.28E-02	2.64E-03	2.43E-02	2.82E-03	2.30E-02	2.66E-03	2.27E-02	2.63E-03	2.29E-02	2.65E-03	2.28E-02	2.64E-03	9.89E-01	1.97E-01	1.24E+01	1.76E+00
3013	Gridded	2.10E-02	2.25E-03	2.09E-02	2.24E-03	2.21E-02	2.39E-03	2.21E-02	2.39E-03	1.36E-03	1.31E-04	2.10E-02	2.24E-03	2.64E-02	2.84E-03	2.64E-02	2.84E-03	2.10E-02	2.25E-03	2.21E-02	2.39E-03	2.11E-02	2.27E-03	2.10E-02	2.25E-03	2.11E-02	2.26E-03	2.10E-02	2.25E-03	8.33E-01	1.84E-01	1.18E+01	1.59E+00
3014	Gridded	2.28E-02	1.64E-03	2.28E-02	1.63E-03	2.42E-02	1.73E-03	2.42E-02	1.73E-03	1.32E-03	1.04E-04	2.28E-02	1.63E-03	2.88E-02	2.04E-03	2.88E-02	2.04E-03	2.28E-02	1.64E-03	2.42E-02	1.73E-03	2.30E-02	1.65E-03	2.28E-02	1.64E-03	2.29E-02	1.64E-03	2.29E-02	1.64E-03	1.22E+00	1.57E-01	1.33E+01	1.24E+00
3015	Gridded	2.31E-02	1.14E-03	2.30E-02	1.13E-03	2.42E-02	1.19E-03	2.42E-02	1.19E-03	1.08E-03	1.19E-04	2.30E-02	1.13E-03	2.79E-02	1.52E-03	2.79E-02	1.52E-03	2.31E-02	1.14E-03	2.42E-02	1.19E-03	2.32E-02	1.14E-03	2.30E-02	1.13E-03	2.31E-02	1.14E-03	2.31E-02	1.14E-03	1.40E+00	1.49E-01	1.36E+01	8.15E-01
3016	Gridded	2.00E-02	1.30E-03	1.99E-02	1.29E-03	2.07E-02	1.47E-03	2.07E-02	1.47E-03	1.03E-03	1.61E-04	1.99E-02	1.29E-03	2.32E-02	2.03E-03	2.32E-02	2.03E-03	2.00E-02	1.30E-03	2.07E-02	1.47E-03	2.01E-02	1.32E-03	2.00E-02	1.30E-03	2.00E-02	1.31E-03	2.00E-02	1.31E-03	1.44E+00	1.63E-01	1.18E+01	8.37E-01
3017	Gridded	1.47E-02	1.78E-03	1.46E-02	1.76E-03	1.50E-02	1.98E-03	1.50E-02	1.98E-03	1.24E-03	1.92E-04	1.46E-02	1.76E-03	1.89E-02	2.64E-03	1.89E-02	2.64E-03	1.47E-02	1.78E-03	1.50E-02	1.98E-03	1.47E-02	1.80E-03	1.46E-02	1.77E-03	1.47E-02	1.79E-03	1.47E-02	1.78E-03	1.32E+00	1.75E-01	8.62E+00	1.13E+00

Scenario 2 Results

3018 Gridded	1.96E-02	2.21E-03	1.95E-02	2.20E-03	2.06E-02	2.41E-03	2.06E-02	2.41E-03	9.67E-04	1.86E-04	1.95E-02	2.20E-03	2.38E-02	3.05E-03	2.38E-02	3.05E-03	1.96E-02	2.21E-03	2.06E-02	2.41E-03	1.97E-02	2.24E-03	1.95E-02	2.21E-03	1.96E-02	2.22E-03	1.96E-02	2.21E-03	2.24E+00	1.91E-01	1.10E+01	1.41E+00
3019 Gridded	1.93E-02	2.39E-03	1.92E-02	2.38E-03	1.97E-02	2.53E-03	1.97E-02	2.53E-03	8.99E-04	1.37E-04	1.92E-02	2.38E-03	2.13E-02	3.01E-03	2.13E-02	3.01E-03	1.93E-02	2.39E-03	1.97E-02	2.53E-03	1.93E-02	2.40E-03	1.93E-02	2.38E-03	1.93E-02	2.40E-03	1.93E-02	2.39E-03	3.39E+00	2.00E-01	1.07E+01	1.53E+00
3020 Gridded	1.24E-02	2.11E-03	1.24E-02	2.10E-03	1.25E-02	2.19E-03	1.25E-02	2.19E-03	8.45E-04	1.18E-04	1.24E-02	2.11E-03	1.39E-02	2.47E-03	1.39E-02	2.47E-03	1.24E-02	2.11E-03	1.25E-02	2.19E-03	1.24E-02	2.12E-03	1.24E-02	2.11E-03	1.24E-02	2.11E-03	1.24E-02	2.11E-03	2.91E+00	1.78E-01	7.28E+00	1.31E+00
3021 Gridded	1.05E-02	1.49E-03	1.04E-02	1.49E-03	1.17E-02	1.53E-03	1.17E-02	1.53E-03	1.07E-03	1.44E-04	1.05E-02	1.49E-03	1.54E-02	1.93E-03	1.54E-02	1.93E-03	1.05E-02	1.49E-03	1.17E-02	1.53E-03	1.07E-02	1.50E-03	1.05E-02	1.49E-03	1.06E-02	1.49E-03	1.05E-02	1.49E-03	1.91E+00	1.42E-01	6.10E+00	9.06E-01
3022 Gridded	1.66E-02	1.47E-03	1.65E-02	1.46E-03	1.79E-02	1.57E-03	1.79E-02	1.57E-03	1.23E-03	1.61E-04	1.65E-02	1.47E-03	2.21E-02	1.96E-03	2.21E-02	1.96E-03	1.66E-02	1.47E-03	1.79E-02	1.57E-03	1.67E-02	1.48E-03	1.65E-02	1.47E-03	1.66E-02	1.48E-03	1.66E-02	1.47E-03	1.28E+00	1.37E-01	9.78E+00	9.29E-01
3023 Gridded	2.15E-02	1.70E-03	2.14E-02	1.69E-03	2.28E-02	1.85E-03	2.28E-02	1.85E-03	1.21E-03	1.48E-04	2.14E-02	1.69E-03	2.70E-02	2.35E-03	2.70E-02	2.35E-03	2.15E-02	1.70E-03	2.28E-02	1.85E-03	2.17E-02	1.72E-03	2.15E-02	1.70E-03	2.16E-02	1.71E-03	2.15E-02	1.70E-03	1.77E+00	1.82E-01	1.27E+01	1.13E+00
3024 Gridded	2.41E-02	1.91E-03	2.40E-02	1.90E-03	2.52E-02	2.02E-03	2.52E-02	2.02E-03	1.20E-03	1.49E-04	2.40E-02	1.90E-03	2.90E-02	2.40E-03	2.90E-02	2.40E-03	2.41E-02	1.91E-03	2.52E-02	2.02E-03	2.42E-02	1.92E-03	2.40E-02	1.91E-03	2.41E-02	1.92E-03	2.41E-02	1.91E-03	2.16E+00	1.93E-01	1.40E+01	1.18E+00
3025 Gridded	2.35E-02	2.08E-03	2.35E-02	2.08E-03	2.45E-02	2.19E-03	2.45E-02	2.19E-03	1.04E-03	1.95E-04	2.35E-02	2.08E-03	2.78E-02	2.53E-03	2.78E-02	2.53E-03	2.35E-02	2.08E-03	2.45E-02	2.19E-03	2.37E-02	2.10E-03	2.35E-02	2.08E-03	2.36E-02	2.09E-03	2.35E-02	2.08E-03	1.76E+00	1.64E-01	1.34E+01	1.27E+00
3026 Gridded	2.04E-02	2.03E-03	2.04E-02	2.02E-03	2.13E-02	2.10E-03	2.13E-02	2.10E-03	8.14E-04	2.08E-04	2.04E-02	2.03E-03	2.40E-02	2.32E-03	2.40E-02	2.32E-03	2.04E-02	2.03E-03	2.13E-02	2.10E-03	2.05E-02	2.04E-03	2.04E-02	2.03E-03	2.05E-02	2.03E-03	2.04E-02	2.03E-03	1.13E+00	1.84E-01	1.15E+01	1.17E+00
3027 Gridded	1.78E-02	1.96E-03	1.77E-02	1.95E-03	1.84E-02	2.10E-03	1.84E-02	2.10E-03	1.04E-03	2.13E-04	1.77E-02	1.95E-03	2.05E-02	2.78E-03	2.05E-02	2.78E-03	1.78E-02	1.96E-03	1.84E-02	2.10E-03	1.79E-02	1.97E-03	1.78E-02	1.95E-03	1.78E-02	1.96E-03	1.78E-02	1.96E-03	9.80E-01	1.94E-01	9.94E+00	1.24E+00
3028 Gridded	1.46E-02	2.25E-03	1.45E-02	2.24E-03	1.50E-02	2.45E-03	1.50E-02	2.45E-03	1.14E-03	2.46E-04	1.45E-02	2.24E-03	1.67E-02	3.09E-03	1.67E-02	3.09E-03	1.46E-02	2.25E-03	1.50E-02	2.45E-03	1.46E-02	2.28E-03	1.46E-02	2.25E-03	1.46E-02	2.26E-03	1.46E-02	2.25E-03	8.13E-01	1.77E-01	8.09E+00	1.40E+00
3029 Gridded	1.42E-02	2.68E-03	1.41E-02	2.66E-03	1.50E-02	2.84E-03	1.50E-02	2.84E-03	1.13E-03	2.27E-04	1.41E-02	2.67E-03	1.75E-02	3.38E-03	1.75E-02	3.38E-03	1.42E-02	2.68E-03	1.50E-02	2.84E-03	1.43E-02	2.70E-03	1.42E-02	2.67E-03	1.42E-02	2.69E-03	1.42E-02	2.68E-03	7.92E-01	1.85E-01	8.37E+00	1.57E+00
3030 Gridded	1.51E-02	2.84E-03	1.50E-02	2.82E-03	1.60E-02	3.04E-03	1.60E-02	3.04E-03	1.43E-03	2.37E-04	1.50E-02	2.82E-03	2.02E-02	3.69E-03	2.02E-02	3.69E-03	1.51E-02	2.84E-03	1.60E-02	3.04E-03	1.52E-02	2.86E-03	1.51E-02	2.83E-03	1.51E-02	2.85E-03	1.51E-02	2.84E-03	7.97E-01	2.59E-01	9.00E+00	1.69E+00
3031 Gridded	1.88E-02	3.05E-03	1.87E-02	3.04E-03	2.02E-02	3.22E-03	2.02E-02	3.22E-03	1.76E-03	3.29E-04	1.87E-02	3.04E-03	2.62E-02	3.74E-03	2.62E-02	3.74E-03	1.88E-02	3.05E-03	2.02E-02	3.22E-03	1.89E-02	3.07E-03	1.88E-02	3.05E-03	1.88E-02	3.06E-03	1.88E-02	3.06E-03	9.83E-01	3.03E-01	1.16E+01	1.81E+00
3032 Gridded	2.32E-02	2.79E-03	2.31E-02	2.78E-03	2.52E-02	2.92E-03	2.52E-02	2.92E-03	1.88E-03	3.77E-04	2.31E-02	2.78E-03	3.17E-02	4.01E-03	3.17E-02	4.01E-03	2.32E-02	2.79E-03	2.52E-02	2.92E-03	2.35E-02	2.80E-03	2.32E-02	2.78E-03	2.34E-02	2.79E-03	2.33E-02	2.79E-03	1.08E+00	3.16E-01	1.43E+01	1.74E+00
3033 Gridded	2.55E-02	3.45E-03	2.54E-02	3.42E-03	2.74E-02	3.84E-03	2.74E-02	3.84E-03	1.80E-03	3.71E-04	2.54E-02	3.43E-03	3.36E-02	5.12E-03	3.36E-02	5.12E-03	2.55E-02	3.45E-03	2.74E-02	3.84E-03	2.58E-02	3.50E-03	2.55E-02	3.44E-03	2.56E-02	3.47E-03	2.55E-02	3.45E-03	1.07E+00	2.93E-01	1.54E+01	2.16E+00
3034 Gridded	5.93E-03	2.22E-03	5.89E-03	2.21E-03	6.46E-03	2.41E-03	6.46E-03	2.41E-03	5.51E-04	1.74E-04	5.90E-03	2.21E-03	8.31E-03	3.01E-03	8.31E-03	3.01E-03	5.93E-03	2.22E-03	6.46E-03	2.41E-03	5.99E-03	2.25E-03	5.92E-03	2.22E-03	5.96E-03	2.23E-03	5.93E-03	2.23E-03	7.09E-01	1.68E-01	3.57E+00	1.35E+00
3035 Gridded	5.91E-03	2.22E-03	5.87E-03	2.21E-03	6.44E-03	2.41E-03	6.44E-03	2.41E-03	5.28E-04	1.73E-04	5.88E-03	2.21E-03	8.17E-03	3.00E-03	8.17E-03	3.00E-03	5.91E-03	2.23E-03	6.44E-03	2.41E-03	5.97E-03	2.25E-03	5.90E-03	2.22E-03	5.94E-03	2.24E-03	5.92E-03	2.23E-03	7.22E-01	1.74E-01	3.53E+00	1.38E+00
3036 Gridded	5.78E-03	2.15E-03	5.75E-03	2.14E-03	6.30E-03	2.32E-03	6.30E-03	2.32E-03	5.86E-04	1.61E-04	5.75E-03	2.14E-03	8.33E-03	2.88E-03	8.33E-03	2.88E-03	5.78E-03	2.15E-03	6.30E-03	2.32E-03	5.84E-03	2.17E-03	5.77E-03	2.15E-03	5.80E-03	2.16E-03	5.78E-03	2.15E-03	7.74E-01	1.82E-01	3.51E+00	1.37E+00
3037 Gridded	5.96E-03	1.98E-03	5.93E-03	1.97E-03	6.57E-03	2.13E-03	6.57E-03	2.13E-03	6.30E-04	1.67E-04	5.93E-03	1.97E-03	8.62E-03	2.61E-03	8.62E-03	2.61E-03	5.96E-03	1.98E-03	6.57E-03	2.13E-03	6.03E-03	2.00E-03	5.95E-03	1.98E-03	5.99E-03	1.99E-03	5.96E-03	1.98E-03	8.81E-01	1.92E-01	3.47E+00	1.30E+00
3038 Gridded	5.94E-03	1.81E-03	5.91E-03	1.79E-03	6.47E-03	2.00E-03	6.47E-03	2.00E-03	7.01E-04	1.79E-04	5.92E-03	1.79E-03	8.82E-03	2.61E-03	8.82E-03	2.61E-03	5.95E-03	1.81E-03	6.47E-03	2.00E-03	6.01E-03	1.83E-03	5.93E-03	1.80E-03	5.98E-03	1.82E-03	5.95E-03	1.81E-03	9.16E-01	1.91E-01	3.50E+00	1.17E+00
3039 Gridded	6.00E-03	1.88E-03	5.95E-03	1.87E-03	6.74E-03	2.06E-03	6.74E-03	2.06E-03	7.50E-04	1.93E-04	5.96E-03	1.87E-03	9.18E-03	2.69E-03	9.18E-03	2.69E-03	6.00E-03	1.88E-03	6.74E-03	2.06E-03	6.09E-03	1.90E-03	5.98E-03	1.87E-03	6.04E-03	1.89E-03	6.01E-03	1.88E-03	8.92E-01	2.03E-01	3.49E+00	1.14E+00
3040 Gridded	7.04E-03	2.04E-03	7.01E-03	2.03E-03	7.58E-03	2.25E-03	7.58E-03	2.25E-03	6.81E-04	1.92E-04	7.02E-03	2.03E-03	9.61E-03	2.91E-03	9.61E-03	2.91E-03	7.05E-03	2.04E-03	7.58E-03	2.25E-03	7.11E-03	2.07E-03	7.03E-03	2.04E-03	7.08E-03	2.05E-03	7.05E-03	2.04E-03	7.77E-01	2.22E-01	3.95E+00	1.26E+00
3041 Gridded	9.07E-03	2.12E-03	9.02E-03	2.11E-03	9.79E-03	2.30E-03	9.79E-03	2.30E-03	8.63E-04	1.64E-04	9.03E-03	2.11E-03	1.26E-02	2.86E-03	1.26E-02	2.86E-03	9.07E-03	2.12E-03	9.79E-03	2.30E-03	9.16E-03	2.15E-03	9.06E-03	2.12E-03	9.12E-03	2.13E-03	9.08E-03	2.13E-03	7.12E-01	2.17E-01	5.09E+00	1.36E+00
3042 Gridded	1.30E-02	1.94E-03	1.29E-02	1.93E-03	1.40E-02	2.07E-03	1.40E-02	2.07E-03	9.43E-04	1.95E-04	1.29E-02	1.93E-03	1.73E-02	2.74E-03	1.73E-02	2.74E-03	1.30E-02	1.94E-03	1.40E-02	2.07E-03	1.31E-02	1.95E-03	1.30E-02	1.93E-03	1.31E-02	1.94E-03	1.30E-02	1.94E-03	9.29E-01	1.95E-01	6.99E+00	1.32E+00
3043 Gridded	1.78E-02	2.08E-03	1.77E-02	2.07E-03	1.91E-02	2.28E-03	1.91E-02	2.28E-03	1.20E-03	1.88E-04	1.77E-02	2.07E-03	2.32E-02	2.93E-03	2.32E-02	2.93E-03	1.78E-02	2.08E-03	1.91E-02	2.28E-03	1.80E-02	2.10E-03	1.78E-02	2.07E-03	1.79E-02	2.09E-03	1.78E-02	2.08E-03	1.07E+00	2.03E-01	9.60E+00	1.35E+00
3044 Gridded	1.99E-02	1.93E-03	1.98E-02	1.92E-03	2.14E-02	2.10E-03	2.14E-02	2.10E-03	1.40E-03	1.60E-04	1.98E-02	1.92E-03	2.62E-02	2.66E-03	2.62E-02	2.66E-03	1.99E-02	1.93E-03	2.14E-02	2.10E-03	2.01E-02	1.96E-03	1.99E-02	1.93E-03	2.00E-02	1.94E-03	1.99E-02	1.94E-03	9.57E-01	2.28E-01	1.13E+01	1.39E+00
3045 Gridded	2.36E-02	1.53E-03	2.35E-02	1.52E-03	2.52E-02	1.66E-03	2.52E-02	1.66E-03	1.44E-03	1.23E-04	2.35E-02	1.52E-03	3.01E-02	2.08E-03	3.01E-02	2.08E-03	2.36E-02	1.53E-03	2.52E-02	1.66E-03	2.38E-02	1.54E-03	2.36E-02	1.52E-03	2.37E-02	1.53E-03	2.36E-02	1.53E-03	8.83E-01	2.23E-01	1.35E+01	1.25E+00
3046 Gridded	2.48E-02	1.22E-03	2.48E-02	1.21E-03	2.62E-02	1.28E-03	2.62E-02	1.28E-03	1.24E-03	1.08E-04	2.48E-02	1.21E-03	3.04E-02	1.47E-03	3.04E-02	1.47E-03	2.48E-02	1.22E-03	2.62E-02	1.28E-03	2.50E-02	1.22E-03	2.48E-02	1.22E-03	2.49E-02	1.22E-03	2.49E-02	1.22E-03	1.25E+00	1.75E-01	1.43E+01	9.44E-01
3047 Gridded	2.26E-02	1.12E-03	2.26E-02	1.11E-03	2.35E-02	1.22E-03	2.35E-02	1.22E-03	8.22E-04	1.46E-04	2.26E-02	1.12E-03	2.63E-02	1.68E-03	2.63E-02	1.68E-03	2.26E-02	1.12E-03	2.35E-02	1.22E-03	2.27E-02	1.13E-03	2.26E-02	1.12E-03	2.27E-02	1.13E-03	2.26E-02	1.12E-03	1.35E+00	1.73E-01	1.31E+01	7.77E-01
3048 Gridded	1.70E-02	1.48E-03	1.70E-02	1.47E-03	1.74E-02	1.69E-03	1.74E-02	1.69E-03	9.67E-04	1.89E-04	1.70E-02	1.47E-03	1.87E-02	2.34E-03	1.87E-02	2.34E-03	1.70E-02	1.49E-03	1.74E-02	1.69E-03	1.71E-02	1.51E-03	1.70E-02	1.48E-03	1.70E-02	1.50E-03	1.70E-02	1.49E-03	1.56E+00	1.82E-01	9.72E+00	8.96E-01
3049 Gridded	1.48E-02	1.96E-03	1.47E-02	1.95E-03	1.56E-02	2.16E-03	1.56E-02	2.16E-03	8.88E-04	1.88E-04	1.47E-02	1.95E-03	1.81E-02	2.81E-03	1.81E-02	2.81E-03	1.48E-02	1.96E-03	1.56E-02	2.16E-03	1.49E-02	1.99E-03	1.48E-02	1.96E-03	1.48E-02	1.97E-03	1.48E-02	1.97E-03	1.83E+00	2.02E-01	8.13E+00	1.20E+00
3050 Gridded	1.54E-02	2.21E-03	1.54E-02	2.20E-03	1.57E-02	2.35E-03	1.57E-02	2.35E-03	6.93E-04	1.29E-04	1.54E-02	2.20E-03	1.67E-02	2.79E-03	1.67E-02	2.79E-03	1.54E-02	2.21E-03	1.57E-02	2.35E-03	1.54E-02	2.23E-03	1.54E-02	2.21E-03	1.54E-02	2.22E-03	1.54E-02	2.21E-03	3.03E+00	1.92E-01	8.37E+00	1.36E+00
3051 Gridded	1.02E-02	1.94E-03	1.02E-02	1.94E-03	1.08E-02	2.01E-03	1.08E-02	2.01E-03	8.64E-04	1.22E-04	1.02E-02	1.94E-03	1.27E-02	2.23E-03	1.27E-02	2.23E-03	1.02E-02	1.94E-03	1.08E-02	2.01E-03	1.03E-02	1.95E-03	1.02E-02	1.94E-03	1.03E-02	1.94E-03	1.02E-02	1.94E-03	2.27E+00	1.79E-01	5.98E+00	1.15E+00
3052 Gridded	9.47E-03	1.37E-03	9.40E-03	1.36E-03	1.06E-02	1.49E-03	1.06E-02	1.49E-03	1.05E-03	1.69E-04	9.41E-03	1.36E-03	1.42E-02	1.89E-03	1.42E-02	1.89E-03	9.48E-03	1.37E-03	1.06E-02	1.49E-03	9.61E-03	1.38E-03	9.45E-03	1.36E-03	9.54E-03	1.37E-03	9.49E-03	1.37E-03	1.53E+00	1.39E-01	5.34E+00	8.53E-01
3053 Gridded	1.59E-02	1.42E-03	1.59E-02	1.41E-03	1.72E-02	1.51E-03	1.72E-02	1.51E-03	1.15E-03	1.75E-04	1.59E-02	1.41E-03	2.11E-02	2.08E-03	2.11E-02	2.08E-03	1.59E-02	1.42E-03	1.72E-02	1.51E-03	1.61E-02	1.43E-03	1.59E-02	1.42E-03	1.60E-02	1.42E-03	1.60E-02	1.42E-03	1.43E+00	1.71E-01	9.26E+00	8.91E-01
3054 Gridded	2.06E-02	1.79E-03	2.05E-02	1.78E-03	2.17E-02	1.93E-03	2.17E-02	1.93E-03	1.11E-03	1.44E-04	2.05E-02	1.78E-03	2.54E-02	2.40E-03	2.54E-02	2.40E-03	2.06E-02	1.79E-03	2.17E-02	1.93E-03	2.07E-02	1.80E-03	2.06E-02	1.78E-03	2.06E-02	1.80E-03	2.06E-02	1.79E-03	2.52E+00	2.21E-01	1.20E+01	1.14E+00
3055 Gridded	2.18E-02	1.88E-03	2.18E-02	1.87E-03	2.28E-02	1.98E-03	2.28E-02	1.98E-03	1.04E-03	1.95E-04	2.18E-02	1.88E-03	2.58E-02	2.29E-03	2.58E-02	2.29E-03	2.18E-02	1.88E-03	2.28E-02	1.98E-03	2.19E-02	1.89E-03	2.18E-02	1.88E-03	2.19E-02	1.89E-03	2.18E-02	1.88E-03	2.53E+00	2.13E-01	1.25E+01	1.13E+00
3056 Gridded	2.02E-02	1.77E-03	2.01E-02	1.76E-03	2.09E-02	1.85E-03	2.09E-02	1.85E-03	8.56E-04	2.45E-04	2.01E-02	1.77E-03	2.34E-02	2.11E-03	2.34E-02	2.11E-03	2.02E-02	1.77E-03	2.09E-02	1.85E-03	2.03E-02	1.78E-03	2.02E-02	1.77E-03	2.02E-02	1.77E-03	2.02E-02	1.77E-03	1.66E+00	1.98E-01	1.13E+01	1.04E+00
3057 Gridded	1.83E-02	1.78E-03	1.82E-02	1.78E-03	1.89E-02	1.90E-03	1.89E-02	1.90E-03	1.06E-03	2.49E-04	1.82E-02	1.78E-03	2.11E-02	2.70E-03	2.11E-02	2.70E-03	1.83E-02	1.78E-03	1.89E-02	1.90E-03	1.83E-02	1.80E-03	1.82E-02	1.78E-03	1.83E-02	1.79E-03	1.83E-02	1.79E-03	1.22E+00	2.06E-01	1.01E+01	1.12E+00
3058 Gridded	1.55E-02	2.13E-03	1.54E-02	2.11E-03	1.59E-02	2.35E-03	1.59E-02	2.35E-03	1.18E-03	2.50E-04	1.54E-02	2.11E-03	1.75E-02	3.09E-03	1.75E-02	3.09E-03	1.55E-02	2.13E-03	1.59E-02	2.35E-03	1.55E-02	2.15E-03	1.54E-02	2.12E-03	1.55E-02	2.14E-03	1.55E-02	2.13E-03	9.26E-01	2.09E-01	8.54E+00	1.34E+00
3059 Gridded	1.33E-02	2.36E-03	1.33E-02	2.34E-03	1.41E-02	2.54E-03	1.41E-02	2.54E-03	1.09E-03	2.31E-04	1.33E-02	2.35E-03	1.66E-02	3.13E-03	1.66E-02	3.13E-03	1.33E-02	2.36E-03	1.41E-02	2.54E-03	1.34E-02	2.38E-03	1.33E-02	2.35E-03	1.34E-02	2.37E-03	1.33E-02	2.36E-03	9.37E-01	2.54E-01	7.94E+00	1.41E+00
3060 Gridded	1.44E-02	2.61E-03	1.44E-02	2.61E-03	1.51E-02	2.75E-03	1.51E-02	2.75E-03	1.38E-03	2.09E-04	1.44E-02	2.61E-03	1.83E-02	3.19E-03	1.83E-02	3.19E-03	1.44E-02	2.61E-03	1.51E-02	2.75E-03	1.45E-02	2.63E-03	1.44E-02	2.61E-03	1.45E-02	2.62E-03	1.44E-02	2.62E-03	7.71E-01	3.33E-01	8.42E+00	1.50E+00
3061 Gridded	1.73E-02	2.77E-03	1.72E-02	2.76E-03	1.86E-02	2.92E-03	1.86E-02	2.92E-03	1.77E-03	3.35E-04	1.72E-02	2.76E-03	2.46E-02	3.40E-03	2.46E-02	3.40E-03	1.73E-02	2.77E-03	1.86E-02	2.92E-03	1.75E-02	2.79E-03	1.73E-02	2.76E-03	1.74E-02	2.78E-03	1.73E-02	2.77E-03	9.69E-01	3.72E-01	1.06E+01	1.62E+00
3062 Gridded	2.26E-02	2.60E-03	2.24E-02	2.60E-03	2.47E-02	2.73E-03	2.47E-02	2.73E-03	1.97E-03	3.98E-04	2.25E-02	2.60E-03	3.15E-02	3.58E-03	3.15E-02	3.58E-03	2.26E-02	2.61E-03	2.47E-02	2.73E-03	2.28E-02	2.62E-03	2.25E-02	2.60E-03	2.27E-02	2.61E-03	2.26E-02	2.61E-03	1.08E+00	3.62E-01	1.39E+01	1.65E+00
3063 Gridded	2.57E-02	3.20E-03	2.55E-02	3.17E-03	2.78E-02	3.62E-03	2.78E-02	3.62E-03	1.97E-03	3.96E-04	2.56E-02	3.18E-03	3.45E-02	4.99E-03	3.45E-02	4.99E-03	2.57E-02	3.20E-03	2.78E-02	3.62E-03	2.59E-02	3.25E-03	2.56E-02	3.19E-03	2.58E-02	3.23E-03	2.57E-02	3.21E-03	1.14E+00	3.12E-01	1.54E+01	1.97E+00
3064 Gridded	2.61E-02	4.02E-03	2.59E-02	4.00E-03	2.79E-02	4.38E-03	2.79E-02	4.38E-03	1.93E-03	3.36E-04	2.59E-02	4.00E-03	3.40E-02	5.54E-03	3.40E-02	5.54E-03	2.61E-02	4.02E-03	2.79E-02	4.38E-03	2.63E-02	4.07E-03	2.60E-02	4.02E-03	2.62E-02	4.04E-03	2.61E-02	4.03E-03	1.16E+00	2.60E-01	1.53E+01	2.33E+00
3065 Gridded	6.18E-03	2.11E-03	6.14E-03	2.10E-03	6.87E-03	2.30E-03	6.87E-03	2.30E-03	6.49E-04	1.79E-04	6.14E-03	2.10E-03	9.11E-03	2.90E-03	9.11E-03	2.90E-03	6.18E-03	2.11E-03	6.87E-03	2.30E-03	6.27E-03	2.13E-03	6.17E-03	2.11E-03	6.22E-03	2.12E-03	6.19E-03	2.11E-03	6.43E-01	1.61E-01	3.59E+00	1.23E+00
3066 Gridded	6.27E-03	2.26E-03	6.23E-03	2.25E-03	6.99E-03	2.46E-03	6.99E-03	2.46E-03	6.72E-04	1.90E-04	6.23E-03	2.25E-03	9.30E-03	3.12E-03	9.30E-03	3.12E-03	6.28E-03	2.26E-03	6.99E-03	2.46E-03	6.36E-03	2.28E-03	6.26E-03	2.26E-03	6.32E-03	2.27E-03	6.28E-03	2.26E-03	7.16E-01	1.76E-01	3.72E+00	1.34E+00
3067 Gridded	6.02E-03	2.35E-03	5.98E-03	2.34E-03	6.70E-03	2.56E-03	6.70E-03	2.56E-03	6.34E-04	1.94E-04	5.98E-03	2.34E-03	8.88E-03	3.22E-03	8.88E-03	3.22E-03	6.02E-03	2.35E-03	6.70E-03	2.56E-03	6.11E-03	2.38E-03	6.01E-03	2.35E-03	6.06E-03	2.36E-03	6.03E-03	2.35E-03	7.89E-01	1.94E-01	3.68E+00	1.42E+00
3068 Gridded	5.98E-03	2.34E-03	5.95E-03	2.32E-03	6.49E-03	2.53E-03	6.49E-03	2.53E-03	5.55E-04	1.84E-04	5.96E-03	2.32E-03	8.13E-03	3.17E-03	8.13E-03	3.17E-03	5.99E-03	2.34E-03	6.49E-03	2.53E-03	6.05E-03	2.36E-03	5.97E-03	2.33E-03	6.01E-03	2.35E-03	5.99E-03	2.34E-03	8.29E-01	2.03E-01	3.56E+00	1.44E+00
3069 Gridded	6.03E-03	2.18E-03	6.00E-03	2.17E-03	6.53E-03	2.35E-03	6.53E-03	2.35E-03	6.06E-04	1.66E-04	6.00E-03	2.17E-03	8.17E-03	2.93E-03	8.17E-03	2.93E-03	6.03E-03	2.18E-03	6.53E-03	2.35E-03	6.09E-03	2.20E-03	6.02E-03	2.17E-03	6.06E-03	2.19E-03	6.04E-03	2.18E-03	8.09E-01	2.02E-01	3.61E+00	1.39E+00
3070 Gridded	6.01E-03	1.91E-03	5.98E-03	1.90E-03	6.52E-03	2.06E-03	6.52E-03	2.06E-03	6.99E-04	1.75E-04	5.98E-03	1.90E-03	8.21E-03	2.53E-03	8.21E-03	2.53E-03	6.01E-03	1.91E-03	6.52E-03	2.06E-03	6.07E-03	1.93E-03	6.00E-03	1.91E-03	6.04E-03	1.92E-03	6.02E-03	1.91E-03	9.20E-01	2.04E-01	3.57E+00	1.28E+00
3071 Gridded	6.07E-03	1.75E-03	6.05E-03	1.74E-03	6.42E-03	1.94E-03	6.42E-03	1.94E-03	7.47E-04	1.75E-04	6.05E-03	1.74E-03	8.82E-03	2.54E-03	8.82E-03	2.54E-03	6.07E-03	1.75E-03	6.42E-03	1.94E-03	6.10E-03	1.78E-03	6.06E-03	1.75E-03	6.08E-03	1.76E-03	6.07E-03	1.75E-03	9.66E-01	1.99E-01	3.46E+00	1.12E+00
3072 Gridded	6.88E-03	1.84E-03	6.84E-03	1.83E-03	7.51E-03	2.04E-03	7.51E-03	2.04E-03	7.04E-04	1.83E-04	6.85E-03	1.83E-03	9.54E-03	2.67E-03	9.54E-03	2.67E-03	6.88E-03	1.84E-03	7.51E-03	2.04E-03	6.96E-03	1.87E-03	6.87E-03	1.84E-03	6.92E-03	1.86E-03	6.89E-03	1.85E-03	9.03E-01	2.43E-01	3.92E+00	1.13E+00
3073 Gridded	9.20E-03	1.82E-03	9.14E-03	1.81E-03	9.98E-03	1.99E-03	9.98E-03	1.99E-03	7.34E-04	1.62E-04	9.15E-03	1.81E-03	1.25E-02	2.55E-03	1.25E-02	2.55E-03	9.20E-03	1.82E-03	9.98E-03	1.99E-03	9.29E-03	1.84E-03	9.18E-03	1.81E-03	9.24E-03	1.83E-03	9.20E-03	1.82E-03	7.56E-01	2.58E-01	5.08E+00	1.18E+00
3074 Gridded	1.28E-02	1.46E-03	1.27E-02	1.45E-03	1.38E-02	1.57E-03	1.38E-02	1.57E-03	9.93E-04	1.74E-04	1.27E-02	1.45E-03	1.73E-02	1.95E-03	1.73E-02	1.95E-03	1.28E-02	1.46E-03	1.38E-02	1.57E-03	1.29E-02	1.47E-03	1.28E-02	1.46E-03	1.28E-02	1.46E-03	1.28E-02	1.46E-03	9.06E-01	2.39E-01	7.08E+00	1.08E+00
3075 Gridded	1.73E-02	1.25E-03	1.72E-02	1.24E-03	1.86E-02	1.46E-03	1.86E-02	1.46E-03	1.26E-03	1.91E-04	1.72E-02	1.24E-03	2.30E-02	2.12E-03	2.30E-02	2.12E-03	1.73E-02	1.25E-03	1.86E-02	1.46E-03	1.74E-02	1.28E-03	1.72E-02	1.25E-03	1.74E-02	1.26E-03	1.73E-02	1.25E-03	1.11E+00	2.35E-01	9.58E+00	8.70E-01
3076 Gridded	2.14E-02	1.33E-03	2.13E-02	1.32E-03	2.29E-02	1.50E-03	2.29E-02	1.50E-03	1.41E-03	1.65E-04	2.14E-02	1.32E-03	2.78E-02	2.07E-03	2.78E-02	2.07E-03	2.15E-02	1.33E-03	2.29E-02	1.50E-03	2.16E-02	1.35E-03	2.14E-02	1.33E-03	2.15E-02	1.34E-03	2.15E-02	1.33E-03	9.83E-01	2.90E-01	1.19E+01	1.02E+00
3077 Gridded	2.42E-02	1.21E-03	2.41E-02	1.20E-03	2.55E-02	1.27E-03	2.55E-02	1.27E-03	1.26E-03	1.11E-04	2.41E-02	1.21E-03	2.98E-02	1.57E-03	2.98E-02	1.57E-03	2.42E-02	1.21E-03	2.55E-02	1.27E-03	2.43E-02	1.22E-03	2.41E-02	1.21E-03	2.42E-02	1.21E-03	2.42E-02	1.21E-03	9.16E-01	2.63E-01	1.35E+01	9.62E-01
3078 Gridded	2.34E-02	1.09E-03	2.33E-02	1.09E-03	2.42E-02	1.13E-03	2.42E-02	1.13E-03	7.90E-04	1.11E-04	2.33E-02	1.09E-03	2.69E-02	1.44E-03	2.69E-02	1.44E-03	2.34E-02	1.09E-03	2.42E-02	1.13E-03	2.35E-02	1.09E-03	2.34E-02	1.09E-03	2.34E-02	1.09E-03	2.34E-02	1.09E-03	1.08E+00	1.67E-01	1.30E+01	6.70E-01
3079 Gridded	1.76E-02	1.13E-03	1.76E-02	1.12E-03	1.80E-02	1.30E-03	1.80E-02	1.30E-03	7.08E-04	1.60E-04	1.76E-02	1.12E-03	1.90E-02	1.85E-03	1.90E-02	1.85E-03	1.76E-02	1.13E-03	1.80E-02	1.30E-03	1.77E-02	1.15E-03	1.76E-02	1.12E-03	1.77E-02	1.14E-03	1.76E-02	1.13E-03	1.43E+00	1.86E-01	9.77E+00	7.06E-01
3080 Gridded	1.03E-02	1.65E-03	1.02E-02	1.63E-03	1.09E-02	1.82E-03	1.09E-02	1.82E-03	7.03E-04	1.65E-04	1.02E-02	1.64E-03	1.31E-02	2.39E-03	1.31E-02	2.39E-03	1.03E-02	1.65E-03	1.09E-02	1.82E-03	1.03E-02	1.67E-03	1.02E-02	1.64E-03	1.03E-02	1.66E-03	1.03E-02	1.65E-03	1.15E+00	1.86E-01	5.94E+00	9.54E-01
3081 Gridded	9.74E-03	1.97E-03	9.70E-03	1.96E-03	1.03E-02	2.08E-03	1.03E-02	2.08E-03	7.08E-04	1.09E-04	9.71E-03	1.97E-03	1.22E-02	2.44E-03	1.22E-02	2.44E-03	9.74E-03	1.97E-03	1.03E-02	2.08E-03	9.81E-03	1.99E-03	9.73E-03	1.97E-03	9.78E-03	1.98E-03	9.75E-03	1.97E-03	2.12E+00	1.94E-01	5.65E+00	1.16E+00
3082 Gridded	8.78E-03	1.70E-03	8.75E-03	1.70E-03	9.28E-03	1.75E-03	9.28E-03	1.75E-03	8.19E-04	1.10E-04	8.76E-03	1.70E-03	1.09E-02	1.90E-03	1.09E-02	1.90E-03	8.79E-03	1.70E-03	9.28E-03	1.75E-03	8.85E-03	1.71E-03	8.77E-03	1.70E-03	8.81E-03	1.70E-03	8.79E-03	1.70E-03	1.32E+00	1.75E-01	5.11E+00	9.78E-01
3083 Gridded	7.99E-03	1.28E-03	7.97E-03	1.28E-03	8.32E-03	1.38E-03	8.32E-03	1.38E-03	8.74E-04	1.71E-04	7.97E-03	1.28E-03	1.10E-02	1.70E-03	1.10E-02	1.70E-03	7.99E-03	1.28E-03	8.32E-03	1.38E-03	8.03E-03	1.30E-03	7.99E-03	1.28E-03	8.01E-03	1.29E-03	8.00E-03	1.29E-03	1.10E+00	1.49E-01	4.72E+00	7.56E-01
3084 Gridded	1.34E-02	1.29E-03	1.33E-02	1.29E-03	1.44E-02	1.43E-03	1.44E-02	1.43E-03	1.00E-03	1.63E-04	1.33E-02	1.29E-03	1.76E-02	1.99E-03	1.76E-02	1.99E-03	1.34E-02	1.29E-03	1.44E-02	1.43E-03	1.35E-02	1.30E-03	1.33E-02	1.29E-03	1.34E-02	1.30E-03	1.34E-02	1.29E-03	1.63E+00	1.97E-01	7.62E+00	7.90E-01
3085 Gridded	1.77E-02	1.70E-03	1.77E-02	1.69E-03	1.86E-02	1.81E-03	1.86E-02	1.81E-03	9.07E-04	1.76E-04	1.77E-02	1.69E-03	2.14E-02	2.19E-03	2.14E-02	2.19E-03	1.77E-02	1.70E-03	1.86E-02	1.81E-03	1.78E-02	1.71E-03	1.77E-02	1.69E-03	1.78E-02	1.70E-03	1.77E-02	1.70E-03	2.86E+00	2.42E-01	1.02E+01	1.00E+00
3086 Gridded	1.80E-02	1.61E-03	1.80E-02	1.61E-03	1.87E-02	1.69E-03	1.87E-02	1.69E-03	9.70E-04	2.34E-04	1.80E-02	1.61E-03	2.09E-02	2.01E-03	2.09E-02	2.01E-03	1.80E-02	1.61E-03	1.87E-02	1.69E-03	1.81E-02	1.62E-03	1.80E-02	1.61E-03	1.81E-02	1.62E-03	1.80E-02	1.61E-03	2.15E+00	2.36E-01	1.01E+01	9.35E-01
3087 Gridded	1.64E-02	1.62E-03	1.64E-02	1.61E-03	1.71E-02	1.73E-03	1.71E-02	1.73E-03	9.84E-04	2.61E-04	1.64E-02	1.61E-03	1.93E-02	2.35E-03	1.93E-02	2.35E-03	1.64E-02	1.62E-03	1.71E-02	1.73E-03	1.65E-02	1.63E-03	1.64E-02	1.62E-03	1.65E-02	1.63E-03	1.65E-02	1.62E-03	1.51E+00	2.28E-01	9.03E+00	9.73E-01
3088 Gridded	1.50E-02	1.71E-03	1.49E-02	1.70E-03	1.54E-02	1.98E-03	1.54E-02	1.98E-03	1.21E-03	2.46E-04	1.49E-02	1.70E-03	1.70E-02	2.82E-03	1.70E-02	2.82E-03	1.50E-02	1.71E-03	1.54E-02	1.98E-03	1.50E-02	1.75E-03	1.49E-02	1.71E-03	1.50E-02	1.73E-03	1.50E-02	1.72E-03	1.07E+00	2.28E-01	8.19E+00	1.15E+00
3089 Gridded	1.20E-02	2.04E-03	1.20E-02	2.03E-03	1.24E-02	2.25E-03	1.24E-02	2.25E-03	1.09E-03	1.97E-04	1.20E-02	2.03E-03	1.44E-02	2.93E-03	1.44E-02	2.93E-03	1.20E-02	2.04E-03	1.24E-02	2.25E-03	1.21E-02	2.07E-03	1.20E-02	2.04E-03	1.21E-02	2.06E-03	1.20E-02	2.05E-03	9.08E-01	3.62E-01	6.74E+00	1.25E+00
3090 Gridded	1.33E-02	2.20E-03	1.33E-02	2.19E-03	1.40E-02	2.36E-03	1.40E-02	2.36E-03	1.22E-03	1.65E-04	1.33E-02	2.19E-03	1.68E-02	2.86E-03	1.68E-02	2.86E-03	1.33E-02	2.20E-03	1.40E-02	2.36E-03	1.34E-02	2.22E-03	1.33E-02	2.20E-03	1.34E-02	2.21E-03	1.33E-02	2.20E-03	8.78E-01	4.29E-01	7.76E+00	1.28E+00
3091 Gridded	1.50E-02	2.20E-03	1.50E-02	2.19E-03	1.60E-02	2.31E-03	1.60E-02	2.31E-03	1.71E-03	2.61E-04	1.50E-02	2.20E-03	1.99E-02	2.68E-03	1.99E-02	2.68E-03	1.50E-02	2.20E-03	1.60E-02	2.31E-03	1.52E-02	2.22E-03	1.50E-02	2.20E-03	1.51E-02	2.21E-03	1.51E-02	2.20E-03	8.94E-01	4.07E-01	9.09E+00	1.25E+00
3092 Gridded	1.93E-02	2.05E-03	1.92E-02	2.05E-03	2.14E-02	2.16E-03	2.14E-02	2.16E-03	1.93E-03	3.30E-04	1.92E-02	2.05E-03	2.80E-02	2.70E-03	2.80E-02	2.70E-03	1.93E-02	2.05E-03	2.14E-02	2.16E-03	1.96E-02	2.07E-03	1.93E-02	2.05E-03	1.94E-02	2.06E-03	1.93E-02	2.05E-03	1.17E+00	3.55E-01	1.18E+01	1.28E+00
3093 Gridded	2.37E-02	2.31E-03	2.35E-02	2.30E-03	2.57E-02	2.44E-03	2.57E-02	2.44E-03	1.90E-03	3.28E-04	2.35E-02	2.30E-03	3.22E-02	3.48E-03	3.22E-02	3.48E-03	2.37E-02	2.31E-03	2.57E-02	2.44E-03	2.39E-02	2.33E-03	2.36E-02	2.31E-03	2.38E-02	2.32E-03	2.37E-02	2.31E-03	1.41E+00	2.78E-01	1.41E+01	1.36E+00
3094 Gridded	2.42E-02	2.91E-03	2.40E-02	2.89E-03	2.60E-02	3.21E-03	2.60E-02	3.21E-03	2.03E-03	2.77E-04	2.41E-02	2.90E-03	3.20E-02	4.16E-03	3.20E-02	4.16E-03	2.42E-02	2.91E-03	2.60E-02	3.21E-03	2.44E-02	2.95E-03	2.41E-02	2.91E-03	2.43E-02	2.93E-03	2.42E-02	2.92E-03	1.49E+00	2.57E-01	1.41E+01	1.67E+00
3095 Gridded	2.24E-02	3.21E-03	2.23E-02	3.19E-03	2.39E-02	3.42E-03	2.39E-02	3.42E-03	2.12E-03	2.06E-04	2.23E-02	3.19E-03	2.90E-02	4.14E-03	2.90E-02	4.14E-03	2.24E-02	3.21E-03	2.39E-02	3.42E-03	2.25E-02	3.23E-03	2.23E-02	3.20E-03	2.24E-02	3.22E-03	2.24E-02	3.21E-03	1.33E+00	2.35E-01	1.29E+01	1.79E+00
3096 Gridded	5.81E-03	1.88E-03	5.79E-03	1.87E-03	6.16E-03	2.03E-03	6.16E-03	2.03E-03	6.52E-04	1.62E-04	5.79E-03	1.87E-03	7.90E-03	2.53E-03	7.90E-03	2.53E-03	5.81E-03	1.88E-03	6.16E-03	2.03E-03	5.85E-03	1.90E-03	5.80E-03	1.87E-03	5.83E-03	1.89E-03	5.81E-03	1.88E-03	6.21E-01	1.67E-01	3.51E+00	1.12E+00
3097 Gridded	5.87E-03	1.93E-03	5.84E-03	1.92E-03	6.54E-03	2.11E-03	6.54E-03	2.11E-03	6.70E-04	1.77E-04	5.84E-03	1.92E-03	8.85E-03	2.69E-03	8.85E-03	2.69E-03	5.87E-03	1.93E-03	6.54E-03	2.11E-03	5.94E-03	1.95E-03	5.86E-03	1.92E-03	5.90E-03	1.94E-03	5.88E-03	1.93E-03	6.20E-01	1.78E-01	3.53E+00	1.15E+00
3098 Gridded	6.20E-03	2.14E-03	6.15E-03	2.13E-03	6.97E-03	2.34E-03	6.97E-03	2.34E-03	7.23E-04	1.86E-04	6.16E-03	2.13E-03	9.46E-03	2.98E-03	9.46E-03	2.98E-03	6.20E-03	2.14E-03	6.97E-03	2.34E-03	6.29E-03	2.16E-03	6.18E-03	2.14E-03	6.24E-03	2.15E-03	6.21E-03	2.14E-03	6.51E-01	1.84E-01	3.67E+00	1.24E+00
3099 Gridded	6.26E-03	2.28E-03	6.20E-03	2.27E-03	7.05E-03	2.49E-03	7.05E-03	2.49E-03	7.48E-04	1.97E-04	6.21E-03	2.27E-03	9.63E-03	3.17E-03	9.63E-03	3.17E-03	6.26E-03	2.28E-03	7.05E-03	2.49E-03	6.35E-03	2.31E-03	6.24E-03	2.28E-03	6.30E-03	2.30E-03	6.27E-03	2.29E-03	7.20E-01	1.88E-01	3.71E+00	1.34E+00
3100 Gridded	5.93E-03	2.32E-03	5.89E-03	2.31E-03	6.65E-03	2.54E-03	6.65E-03	2.54E-03	7.03E-04	2.01E-04	5.90E-03	2.31E-03	9.07E-03	3.23E-03	9.07E-03	3.23E-03	5.93E-03	2.32E-03	6.65E-03	2.54E-03	6.00E-03	2.35E-03	5.92E-03	2.32E-03	5.96E-03	2.34E-03	5.93E-03	2.33E-03	8.00E-01	2.13E-01	3.58E+00	1.39E+00
3101 Gridded	5.93E-03	2.25E-03	5.89E-03	2.23E-03	6.49E-03	2.45E-03	6.49E-03	2.45E-03	5.64E-04	1.89E-04	5.89E-03	2.23E-03	8.31E-03	3.10E-03	8.31E-03	3.10E-03	5.93E-03	2.25E-03	6.49E-03	2.45E-03	5.99E-03	2.27E-03	5.91E-03	2.24E-03	5.96E-03	2.26E-03	5.93E-03	2.25E-03	8.68E-01	2.27E-01	3.57E+00	1.38E+00
3102 Gridded	6.32E-03	2.02E-03	6.28E-03	2.01E-03	6.93E-03	2.19E-03	6.93E-03	2.19E-03	6.13E-04	1.60E-04	6.29E-03	2.01E-03	8.88E-03	2.74E-03	8.88E-03	2.74E-03	6.32E-03	2.02E-03	6.93E-03	2.19E-03	6.40E-03	2.04E-03	6.31E-03	2.02E-03	6.36E-03	2.03E-03	6.33E-03	2.02E-03	8.73E-01	2.32E-01	3.63E+00	1.30E+00
3103 Gridded	6.37E-03	1.66E-03	6.33E-03	1.65E-03	6.95E-03	1.79E-03	6.95E-03	1.79E-03	7.11E-04	1.68E-04	6.33E-03	1.65E-03	8.82E-03	2.21E-03	8.82E-03	2.21E-03	6.37E-03	1.66E-03	6.95E-03	1.79E-03	6.44E-03	1.67E-03	6.35E-03	1.65E-03	6.40E-03	1.66E-03	6.37E-03	1.66E-03	9.13E-01	2.37E-01	3.70E+00	1.16E+00
3104 Gridded	6.79E-03	1.37E-03	6.75E-03	1.36E-03	7.38E-03	1.53E-03	7.38E-03	1.53E-03	7.18E-04	1.72E-04	6.76E-03	1.36E-03	9.29E-03	2.04E-03	9.29E-03	2.04E-03	6.79E-03	1.37E-03	7.38E-03	1.53E-03	6.87E-03	1.39E-03	6.78E-03	1.37E-03	6.83E-03	1.38E-03	6.80E-03	1.37E-03	9.44E-01	2.36E-01	4.03E+00	9.48E-01
3105 Gridded	8.83E-03	1.20E-03	8.78E-03	1.20E-03	9.54E-03	1.31E-03	9.54E-03	1.31E-03	6.67E-04	1.51E-04	8.79E-03	1.20E-03	1.18E-02	1.84E-03	1.18E-02	1.84E-03	8.83E-03	1.20E-03	9.54E-03	1.31E-03	8.92E-03	1.21E-03	8.81E-03	1.20E-03	8.87E-03	1.21E-03	8.84E-03	1.20E-03	8.35E-01	2.86E-01	4.81E+00	8.13E-01
3106 Gridded	1.22E-02	1.04E-03	1.22E-02	1.03E-03	1.32E-02	1.12E-03	1.32E-02	1.12E-03	9.19E-04	1.84E-04	1.22E-02	1.03E-03	1.64E-02	1.53E-03	1.64E-02	1.53E-03	1.22E-02	1.04E-03	1.32E-02	1.12E-03	1.24E-02	1.04E-03	1.22E-02	1.04E-03	1.23E-02	1.04E-03	1.22E-02	1.04E-03	1.12E+00	2.85E-01	6.66E+00	8.18E-01
3107 Gridded	1.64E-02	9.98E-04	1.64E-02	9.94E-04	1.76E-02	1.16E-03	1.76E-02	1.16E-03	1.08E-03	1.96E-04	1.64E-02	9.95E-04	2.13E-02	1.83E-03	2.13E-02	1.83E-03	1.64E-02	9.99E-04	1.76E-02	1.16E-03	1.66E-02	1.01E-03	1.64E-02	9.97E-04	1.65E-02	1.00E-03	1.65E-02	9.99E-04	1.30E+00	2.64E-01	8.93E+00	7.04E-01
3108 Gridded	1.99E-02	1.06E-03	1.98E-02	1.05E-03	2.09E-02	1.20E-03	2.09E-02	1.20E-03	9.75E-04	1.40E-04	1.98E-02	1.05E-03	2.43E-02	1.68E-03	2.43E-02	1.68E-03	1.99E-02	1.06E-03	2.09E-02	1.20E-03	2.00E-02	1.06E-03	1.99E-02	1.06E-03	1.99E-02	1.06E-03	1.99E-02	1.06E-03	9.40E-01	3.33E-01	1.08E+01	6.95E-01
3109 Gridded	1.99E-02	9.64E-04	1.99E-02	9.63E-04	2.05E-02	9.91E-04	2.05E-02	9.91E-04	6.61E-04	8.89E-05	1.99E-02	9.63E-04	2.24E-02	1.16E-03	2.24E-02	1.16E-03	1.99E-02	9.64E-04	2.05E-02	9.91E-04	2.00E-02	9.68E-04	1.99E-02	9.64E-04	1.99E-02	9.66E-04	1.99E-02	9.65E-04	9.04E-01	2.51E-01	1.08E+01	6.09E-01
3110 Gridded	1.44E-02	8.98E-04	1.44E-02	8.93E-04	1.46E-02	9.74E-04	1.46E-02	9.74E-04	6.38E-04	1.17E-04	1.44E-02	8.94E-04	1.52E-02	1.22E-03	1.52E-02	1.22E-03	1.44E-02	8.98E-04	1.46E-02	9.74E-04	1.44E-02	9.07E-04	1.44E-02	8.96E-04	1.44E-02	9.02E-04	1.44E-02	8.99E-04	8.47E-01	1.53E-01	7.88E+00	5.22E-01
3111 Gridded	8.30E-03	1.08E-03	8.26E-03	1.07E-03	8.81E-03	1.22E-03	8.81E-03	1.22E-03	5.99E-04	1.27E-04	8.27E-03	1.07E-03	1.05E-02	1.66E-03	1.05E-02	1.66E-03	8.30E-03	1.08E-03	8.81E-03	1.22E-03	8.36E-03	1.10E-03	8.28E-03	1.08E-03	8.33E-03	1.09E-03	8.30E-03	1.08E-03	7.77E-01	1.40E-01	4.81E+00	6.14E-01
3112 Gridded	7.74E-03	1.38E-03	7.71E-03	1.37E-03	8.19E-03	1.45E-03	8.19E-03	1.45E-03	7.26E-04	9.13E-05	7.71E-03	1.37E-03	9.64E-03	1.69E-03	9.64E-03	1.69E-03	7.74E-03	1.38E-03	8.19E-03	1.45E-03	7.79E-03	1.38E-03	7.73E-03	1.37E-03	7.76E-03	1.38E-03	7.74E-03	1.38E-03	1.00E+00	1.63E-01	4.52E+00	7.95E-01

Scenario 2 Results

3113 Gridded	6.84E-03	1.14E-03	6.82E-03	1.14E-03	7.15E-03	1.17E-03	7.15E-03	1.17E-03	7.32E-04	1.03E-04	6.82E-03	1.14E-03	8.34E-03	1.30E-03	8.34E-03	1.30E-03	6.84E-03	1.14E-03	7.15E-03	1.17E-03	6.86E-03	1.15E-03	6.83E-03	1.14E-03	6.85E-03	1.14E-03	6.84E-03	1.14E-03	9.26E-01	1.37E-01	4.00E+00	6.47E-01
3114 Gridded	6.55E-03	9.70E-04	6.54E-03	9.66E-04	6.73E-03	1.03E-03	6.73E-03	1.03E-03	1.01E-03	1.46E-04	6.54E-03	9.66E-04	8.24E-03	1.25E-03	8.24E-03	1.25E-03	6.55E-03	9.70E-04	6.73E-03	1.03E-03	6.57E-03	9.77E-04	6.55E-03	9.68E-04	6.56E-03	9.73E-04	6.55E-03	9.70E-04	9.77E-01	1.61E-01	3.70E+00	5.53E-01
3115 Gridded	8.30E-03	1.01E-03	8.26E-03	9.98E-04	8.89E-03	1.12E-03	8.89E-03	1.12E-03	1.07E-03	1.69E-04	8.26E-03	9.99E-04	1.08E-02	1.51E-03	1.08E-02	1.51E-03	8.30E-03	1.01E-03	8.89E-03	1.12E-03	8.37E-03	1.02E-03	8.28E-03	1.00E-03	8.33E-03	1.01E-03	8.30E-03	1.01E-03	1.82E+00	1.84E-01	4.59E+00	6.01E-01
3116 Gridded	1.16E-02	1.38E-03	1.16E-02	1.37E-03	1.21E-02	1.45E-03	1.21E-02	1.45E-03	9.76E-04	2.06E-04	1.16E-02	1.37E-03	1.38E-02	1.68E-03	1.38E-02	1.68E-03	1.16E-02	1.38E-03	1.21E-02	1.45E-03	1.17E-02	1.39E-03	1.16E-02	1.38E-03	1.17E-02	1.38E-03	1.17E-02	1.38E-03	2.00E+00	2.63E-01	6.37E+00	7.79E-01
3117 Gridded	1.17E-02	1.35E-03	1.17E-02	1.34E-03	1.21E-02	1.46E-03	1.21E-02	1.46E-03	9.61E-04	2.41E-04	1.17E-02	1.34E-03	1.32E-02	1.86E-03	1.32E-02	1.86E-03	1.17E-02	1.35E-03	1.21E-02	1.46E-03	1.17E-02	1.36E-03	1.17E-02	1.34E-03	1.17E-02	1.35E-03	1.17E-02	1.35E-03	1.59E+00	2.64E-01	6.33E+00	7.69E-01
3118 Gridded	1.16E-02	1.44E-03	1.16E-02	1.43E-03	1.20E-02	1.50E-03	1.20E-02	1.50E-03	1.23E-03	2.41E-04	1.16E-02	1.43E-03	1.33E-02	2.29E-03	1.33E-02	2.29E-03	1.16E-02	1.44E-03	1.20E-02	1.50E-03	1.17E-02	1.44E-03	1.16E-02	1.44E-03	1.16E-02	1.44E-03	1.16E-02	1.44E-03	1.12E+00	2.63E-01	6.30E+00	8.83E-01
3119 Gridded	1.03E-02	1.65E-03	1.03E-02	1.63E-03	1.06E-02	1.84E-03	1.06E-02	1.84E-03	1.25E-03	2.05E-04	1.03E-02	1.63E-03	1.15E-02	2.48E-03	1.15E-02	2.48E-03	1.03E-02	1.65E-03	1.06E-02	1.84E-03	1.04E-02	1.67E-03	1.03E-02	1.64E-03	1.03E-02	1.66E-03	1.03E-02	1.65E-03	8.62E-01	4.53E-01	5.59E+00	1.02E+00
3120 Gridded	9.92E-03	1.77E-03	9.88E-03	1.76E-03	1.05E-02	1.94E-03	1.05E-02	1.94E-03	1.12E-03	1.58E-04	9.89E-03	1.76E-03	1.27E-02	2.49E-03	1.27E-02	2.49E-03	9.92E-03	1.77E-03	1.05E-02	1.94E-03	9.98E-03	1.79E-03	9.91E-03	1.77E-03	9.95E-03	1.78E-03	9.92E-03	1.77E-03	9.59E-01	4.57E-01	5.82E+00	1.05E+00
3121 Gridded	1.24E-02	1.84E-03	1.24E-02	1.83E-03	1.32E-02	1.98E-03	1.32E-02	1.98E-03	1.44E-03	1.96E-04	1.24E-02	1.83E-03	1.58E-02	2.42E-03	1.58E-02	2.42E-03	1.24E-02	1.84E-03	1.32E-02	1.98E-03	1.25E-02	1.86E-03	1.24E-02	1.84E-03	1.25E-02	1.85E-03	1.24E-02	1.84E-03	9.80E-01	3.77E-01	7.23E+00	1.05E+00
3122 Gridded	1.48E-02	1.69E-03	1.48E-02	1.68E-03	1.59E-02	1.78E-03	1.59E-02	1.78E-03	1.72E-03	2.07E-04	1.48E-02	1.68E-03	1.94E-02	2.09E-03	1.94E-02	2.09E-03	1.48E-02	1.69E-03	1.59E-02	1.78E-03	1.50E-02	1.70E-03	1.48E-02	1.68E-03	1.49E-02	1.69E-03	1.49E-02	1.69E-03	1.42E+00	2.75E-01	8.89E+00	1.06E+00
3123 Gridded	1.78E-02	1.77E-03	1.77E-02	1.76E-03	1.94E-02	1.89E-03	1.94E-02	1.89E-03	1.74E-03	1.98E-04	1.77E-02	1.76E-03	2.53E-02	2.28E-03	2.53E-02	2.28E-03	1.78E-02	1.77E-03	1.94E-02	1.89E-03	1.79E-02	1.78E-03	1.78E-02	1.76E-03	1.78E-02	1.77E-03	1.78E-02	1.77E-03	1.64E+00	2.39E-01	1.03E+01	1.05E+00
3124 Gridded	1.97E-02	1.85E-03	1.96E-02	1.84E-03	2.14E-02	1.99E-03	2.14E-02	1.99E-03	1.93E-03	1.80E-04	1.96E-02	1.84E-03	2.66E-02	2.45E-03	2.66E-02	2.45E-03	1.97E-02	1.85E-03	2.14E-02	1.99E-03	1.99E-02	1.87E-03	1.97E-02	1.85E-03	1.98E-02	1.86E-03	1.98E-02	1.85E-03	1.60E+00	2.24E-01	1.13E+01	1.08E+00
3125 Gridded	1.89E-02	2.04E-03	1.88E-02	2.04E-03	2.05E-02	2.16E-03	2.05E-02	2.16E-03	1.98E-03	1.69E-04	1.88E-02	2.04E-03	2.57E-02	2.55E-03	2.57E-02	2.55E-03	1.89E-02	2.04E-03	2.05E-02	2.16E-03	1.91E-02	2.06E-03	1.89E-02	2.04E-03	1.90E-02	2.05E-03	1.89E-02	2.04E-03	1.65E+00	2.04E-01	1.08E+01	1.16E+00
3126 Gridded	2.06E-02	1.95E-03	2.05E-02	1.94E-03	2.21E-02	2.07E-03	2.21E-02	2.07E-03	1.89E-03	1.66E-04	2.05E-02	1.94E-03	2.78E-02	2.58E-03	2.78E-02	2.58E-03	2.06E-02	1.95E-03	2.21E-02	2.07E-03	2.08E-02	1.96E-03	2.05E-02	1.95E-03	2.07E-02	1.96E-03	2.06E-02	1.95E-03	1.58E+00	2.16E-01	1.23E+01	1.14E+00
3127 Gridded	6.34E-03	1.72E-03	6.32E-03	1.71E-03	6.72E-03	1.86E-03	6.72E-03	1.86E-03	5.62E-04	1.51E-04	6.32E-03	1.71E-03	8.24E-03	2.32E-03	8.24E-03	2.32E-03	6.34E-03	1.72E-03	6.72E-03	1.86E-03	6.39E-03	1.74E-03	6.33E-03	1.72E-03	6.36E-03	1.73E-03	6.35E-03	1.72E-03	6.43E-01	1.48E-01	3.78E+00	1.00E+00
3128 Gridded	6.15E-03	1.81E-03	6.12E-03	1.80E-03	6.71E-03	1.96E-03	6.71E-03	1.96E-03	5.42E-04	1.51E-04	6.12E-03	1.80E-03	8.53E-03	2.45E-03	8.53E-03	2.45E-03	6.16E-03	1.81E-03	6.71E-03	1.96E-03	6.22E-03	1.83E-03	6.14E-03	1.81E-03	6.19E-03	1.82E-03	6.16E-03	1.81E-03	6.55E-01	1.64E-01	3.71E+00	1.06E+00
3129 Gridded	6.24E-03	1.86E-03	6.20E-03	1.85E-03	6.80E-03	2.02E-03	6.80E-03	2.02E-03	5.81E-04	1.46E-04	6.21E-03	1.85E-03	8.63E-03	2.52E-03	8.63E-03	2.52E-03	6.24E-03	1.86E-03	6.80E-03	2.02E-03	6.31E-03	1.88E-03	6.23E-03	1.86E-03	6.28E-03	1.87E-03	6.25E-03	1.86E-03	6.52E-01	1.79E-01	3.76E+00	1.11E+00
3130 Gridded	6.30E-03	1.85E-03	6.26E-03	1.84E-03	6.88E-03	2.01E-03	6.88E-03	2.01E-03	6.88E-04	1.63E-04	6.27E-03	1.84E-03	8.74E-03	2.53E-03	8.74E-03	2.53E-03	6.30E-03	1.85E-03	6.88E-03	2.01E-03	6.37E-03	1.87E-03	6.29E-03	1.85E-03	6.34E-03	1.86E-03	6.31E-03	1.85E-03	6.78E-01	1.93E-01	3.76E+00	1.12E+00
3131 Gridded	6.05E-03	1.98E-03	6.01E-03	1.96E-03	6.63E-03	2.17E-03	6.63E-03	2.17E-03	7.57E-04	1.83E-04	6.02E-03	1.97E-03	9.08E-03	2.80E-03	9.08E-03	2.80E-03	6.05E-03	1.98E-03	6.63E-03	2.17E-03	6.12E-03	2.00E-03	6.04E-03	1.97E-03	6.09E-03	1.99E-03	6.06E-03	1.98E-03	6.97E-01	2.03E-01	3.69E+00	1.13E+00
3132 Gridded	6.03E-03	2.10E-03	5.99E-03	2.08E-03	6.58E-03	2.31E-03	6.58E-03	2.31E-03	7.74E-04	1.96E-04	5.99E-03	2.09E-03	9.19E-03	2.98E-03	9.19E-03	2.98E-03	6.03E-03	2.10E-03	6.58E-03	2.31E-03	6.09E-03	2.12E-03	6.01E-03	2.09E-03	6.06E-03	2.11E-03	6.03E-03	2.10E-03	6.96E-01	2.10E-01	3.56E+00	1.21E+00
3133 Gridded	6.05E-03	2.10E-03	6.01E-03	2.09E-03	6.61E-03	2.31E-03	6.61E-03	2.31E-03	7.21E-04	1.97E-04	6.02E-03	2.09E-03	8.44E-03	2.99E-03	8.44E-03	2.99E-03	6.05E-03	2.10E-03	6.61E-03	2.31E-03	6.12E-03	2.13E-03	6.04E-03	2.10E-03	6.08E-03	2.11E-03	6.05E-03	2.10E-03	7.54E-01	2.17E-01	3.65E+00	1.24E+00
3134 Gridded	6.38E-03	1.94E-03	6.35E-03	1.93E-03	6.89E-03	2.13E-03	6.89E-03	2.13E-03	6.04E-04	1.79E-04	6.35E-03	1.93E-03	8.97E-03	2.75E-03	8.97E-03	2.75E-03	6.38E-03	1.94E-03	6.89E-03	2.13E-03	6.45E-03	1.97E-03	6.37E-03	1.94E-03	6.41E-03	1.96E-03	6.39E-03	1.95E-03	8.24E-01	2.52E-01	3.82E+00	1.19E+00
3135 Gridded	6.79E-03	1.64E-03	6.75E-03	1.63E-03	7.34E-03	1.79E-03	7.34E-03	1.79E-03	6.08E-04	1.48E-04	6.76E-03	1.63E-03	9.12E-03	2.28E-03	9.12E-03	2.28E-03	6.79E-03	1.64E-03	7.34E-03	1.79E-03	6.86E-03	1.66E-03	6.78E-03	1.64E-03	6.82E-03	1.65E-03	6.80E-03	1.64E-03	8.51E-01	2.72E-01	4.00E+00	1.08E+00
3136 Gridded	6.92E-03	1.25E-03	6.88E-03	1.24E-03	7.44E-03	1.34E-03	7.44E-03	1.34E-03	5.99E-04	1.33E-04	6.89E-03	1.24E-03	9.16E-03	1.68E-03	9.16E-03	1.68E-03	6.92E-03	1.25E-03	7.44E-03	1.34E-03	6.98E-03	1.26E-03	6.90E-03	1.25E-03	6.95E-03	1.25E-03	6.92E-03	1.25E-03	8.11E-01	2.79E-01	4.12E+00	9.12E-01
3137 Gridded	6.59E-03	9.28E-04	6.56E-03	9.22E-04	7.05E-03	1.02E-03	7.05E-03	1.02E-03	5.72E-04	1.23E-04	6.57E-03	9.23E-04	8.51E-03	1.36E-03	8.51E-03	1.36E-03	6.59E-03	9.28E-04	7.05E-03	1.02E-03	6.65E-03	9.40E-04	6.58E-03	9.26E-04	6.62E-03	9.34E-04	6.60E-03	9.29E-04	8.19E-01	2.63E-01	3.98E+00	6.94E-01
3138 Gridded	9.18E-03	8.13E-04	9.14E-03	8.10E-04	9.72E-03	8.58E-04	9.72E-03	8.58E-04	9.57E-04	1.77E-04	9.15E-03	8.10E-04	1.15E-02	1.31E-03	1.15E-02	1.31E-03	9.18E-03	8.13E-04	9.72E-03	8.58E-04	9.25E-03	8.19E-04	9.17E-03	8.12E-04	9.21E-03	8.16E-04	9.19E-03	8.14E-04	9.25E-01	2.89E-01	4.95E+00	5.63E-01
3139 Gridded	1.14E-02	7.72E-04	1.14E-02	7.60E-04	1.19E-02	9.48E-04	1.19E-02	9.48E-04	7.11E-04	1.65E-04	1.14E-02	7.62E-04	1.35E-02	1.52E-03	1.35E-02	1.52E-03	1.14E-02	7.73E-04	1.19E-02	9.48E-04	1.15E-02	7.94E-04	1.14E-02	7.68E-04	1.15E-02	7.83E-04	1.14E-02	7.74E-04	9.29E-01	2.81E-01	6.16E+00	4.38E-01
3140 Gridded	1.13E-02	8.03E-04	1.13E-02	7.98E-04	1.16E-02	8.70E-04	1.16E-02	8.70E-04	5.16E-04	6.31E-05	1.13E-02	7.99E-04	1.25E-02	1.09E-03	1.25E-02	1.09E-03	1.13E-02	8.03E-04	1.16E-02	8.70E-04	1.14E-02	8.11E-04	1.13E-02	8.01E-04	1.13E-02	8.07E-04	1.13E-02	8.04E-04	8.78E-01	2.73E-01	6.12E+00	4.67E-01
3141 Gridded	7.59E-03	4.88E-04	7.58E-03	4.87E-04	7.70E-03	5.18E-04	7.70E-03	5.18E-04	4.61E-04	6.78E-05	7.58E-03	4.87E-04	8.07E-03	6.88E-04	8.07E-03	6.88E-04	7.59E-03	4.88E-04	7.70E-03	5.18E-04	7.60E-03	4.89E-04	7.59E-03	4.87E-04	7.60E-03	4.88E-04	7.59E-03	4.88E-04	8.33E-01	1.71E-01	4.14E+00	3.26E-01
3142 Gridded	5.90E-03	4.41E-04	5.88E-03	4.35E-04	6.27E-03	5.31E-04	6.27E-03	5.31E-04	5.71E-04	8.51E-05	5.88E-03	4.36E-04	7.45E-03	8.25E-04	7.45E-03	8.25E-04	5.90E-03	4.41E-04	6.27E-03	5.31E-04	5.95E-03	4.52E-04	5.90E-03	4.39E-04	5.93E-03	4.46E-04	5.91E-03	4.42E-04	6.99E-01	9.84E-02	3.48E+00	2.45E-01
3143 Gridded	5.36E-03	6.13E-04	5.34E-03	6.09E-04	5.69E-03	6.60E-04	5.69E-03	6.60E-04	6.02E-04	7.41E-05	5.35E-03	6.10E-04	6.75E-03	8.13E-04	6.75E-03	8.13E-04	5.37E-03	6.13E-04	5.69E-03	6.60E-04	5.41E-03	6.18E-04	5.36E-03	6.12E-04	5.38E-03	6.15E-04	5.37E-03	6.13E-04	6.64E-01	1.14E-01	3.20E+00	3.47E-01
3144 Gridded	4.68E-03	5.28E-04	4.66E-03	5.25E-04	4.95E-03	5.79E-04	4.95E-03	5.79E-04	6.88E-04	8.09E-05	4.66E-03	5.26E-04	5.83E-03	7.45E-04	5.83E-03	7.45E-04	4.68E-03	5.29E-04	4.95E-03	5.79E-04	4.71E-03	5.35E-04	4.67E-03	5.27E-04	4.70E-03	5.31E-04	4.68E-03	5.29E-04	8.44E-01	9.92E-02	2.79E+00	3.01E-01
3145 Gridded	4.83E-03	4.90E-04	4.81E-03	4.89E-04	5.14E-03	5.07E-04	5.14E-03	5.07E-04	9.48E-04	1.09E-04	4.82E-03	4.89E-04	6.13E-03	8.11E-04	6.13E-03	8.11E-04	4.83E-03	4.90E-04	5.14E-03	5.07E-04	4.87E-03	4.92E-04	4.83E-03	4.90E-04	4.85E-03	4.91E-04	4.84E-03	4.91E-04	1.02E+00	1.34E-01	2.60E+00	2.69E-01
3146 Gridded	5.57E-03	5.36E-04	5.55E-03	5.32E-04	5.84E-03	6.33E-04	5.84E-03	6.33E-04	1.08E-03	1.60E-04	5.56E-03	5.33E-04	7.00E-03	9.44E-04	7.00E-03	9.44E-04	5.57E-03	5.37E-04	5.84E-03	6.33E-04	5.61E-03	5.48E-04	5.57E-03	5.35E-04	5.59E-03	5.42E-04	5.57E-03	5.38E-04	1.13E+00	2.29E-01	3.08E+00	3.43E-01
3147 Gridded	6.54E-03	7.41E-04	6.53E-03	7.38E-04	6.74E-03	7.79E-04	6.74E-03	7.79E-04	1.18E-03	1.92E-04	6.53E-03	7.38E-04	7.93E-03	1.31E-03	7.93E-03	1.31E-03	6.54E-03	7.41E-04	6.74E-03	7.79E-04	6.57E-03	7.45E-04	6.54E-03	7.40E-04	6.55E-03	7.43E-04	6.54E-03	7.41E-04	1.13E+00	2.83E-01	3.53E+00	4.47E-01
3148 Gridded	6.65E-03	9.55E-04	6.64E-03	9.53E-04	6.87E-03	1.13E-03	6.87E-03	1.13E-03	1.33E-03	2.47E-04	6.64E-03	9.53E-04	7.62E-03	1.76E-03	7.62E-03	1.76E-03	6.66E-03	9.55E-04	6.87E-03	1.13E-03	6.68E-03	9.60E-04	6.65E-03	9.54E-04	6.67E-03	9.57E-04	6.66E-03	9.55E-04	9.73E-01	3.46E-01	3.57E+00	5.80E-01
3149 Gridded	6.03E-03	1.21E-03	6.02E-03	1.20E-03	6.55E-03	1.36E-03	6.55E-03	1.36E-03	1.50E-03	2.12E-04	6.02E-03	1.20E-03	8.78E-03	1.85E-03	8.78E-03	1.85E-03	6.03E-03	1.21E-03	6.55E-03	1.36E-03	6.05E-03	1.23E-03	6.03E-03	1.21E-03	6.04E-03	1.22E-03	6.03E-03	1.21E-03	1.01E+00	4.68E-01	3.43E+00	7.14E-01
3150 Gridded	6.64E-03	1.21E-03	6.61E-03	1.20E-03	7.51E-03	1.31E-03	7.51E-03	1.31E-03	1.22E-03	1.58E-04	6.62E-03	1.20E-03	1.06E-02	1.79E-03	1.06E-02	1.79E-03	6.64E-03	1.21E-03	7.51E-03	1.31E-03	6.69E-03	1.22E-03	6.63E-03	1.21E-03	6.66E-03	1.21E-03	6.64E-03	1.21E-03	8.98E-01	3.87E-01	3.93E+00	6.99E-01
3151 Gridded	8.34E-03	1.25E-03	8.31E-03	1.24E-03	8.94E-03	1.37E-03	8.94E-03	1.37E-03	1.18E-03	1.37E-04	8.31E-03	1.24E-03	1.27E-02	1.76E-03	1.27E-02	1.76E-03	8.34E-03	1.25E-03	8.94E-03	1.37E-03	8.41E-03	1.27E-03	8.33E-03	1.25E-03	8.38E-03	1.26E-03	8.35E-03	1.25E-03	1.22E+00	2.57E-01	4.83E+00	6.98E-01
3152 Gridded	9.95E-03	1.12E-03	9.85E-03	1.11E-03	1.13E-02	1.21E-03	1.13E-02	1.21E-03	1.30E-03	1.44E-04	9.87E-03	1.12E-03	1.58E-02	1.48E-03	1.58E-02	1.48E-03	9.95E-03	1.12E-03	1.13E-02	1.21E-03	1.01E-02	1.13E-03	9.92E-03	1.12E-03	1.00E-02	1.13E-03	9.96E-03	1.12E-03	1.51E+00	2.25E-01	5.87E+00	7.14E-01
3153 Gridded	1.34E-02	1.15E-03	1.33E-02	1.15E-03	1.49E-02	1.24E-03	1.49E-02	1.24E-03	1.50E-03	1.63E-04	1.33E-02	1.15E-03	1.99E-02	1.60E-03	1.99E-02	1.60E-03	1.34E-02	1.15E-03	1.49E-02	1.24E-03	1.36E-02	1.16E-03	1.33E-02	1.15E-03	1.35E-02	1.16E-03	1.34E-02	1.15E-03	1.64E+00	2.11E-01	7.71E+00	7.15E-01
3154 Gridded	1.72E-02	1.36E-03	1.70E-02	1.35E-03	1.88E-02	1.46E-03	1.88E-02	1.46E-03	1.68E-03	1.68E-04	1.71E-02	1.35E-03	2.41E-02	1.96E-03	2.41E-02	1.96E-03	1.72E-02	1.36E-03	1.88E-02	1.46E-03	1.74E-02	1.37E-03	1.71E-02	1.35E-03	1.73E-02	1.36E-03	1.72E-02	1.36E-03	1.84E+00	2.00E-01	9.79E+00	8.12E-01
3155 Gridded	2.04E-02	1.59E-03	2.03E-02	1.58E-03	2.20E-02	1.76E-03	2.20E-02	1.76E-03	1.63E-03	1.58E-04	2.03E-02	1.58E-03	2.74E-02	2.30E-03	2.74E-02	2.30E-03	2.04E-02	1.59E-03	2.20E-02	1.76E-03	2.06E-02	1.61E-03	2.03E-02	1.59E-03	2.05E-02	1.60E-03	2.04E-02	1.59E-03	1.83E+00	2.17E-01	1.15E+01	9.64E-01
3156 Gridded	2.27E-02	1.79E-03	2.26E-02	1.78E-03	2.43E-02	1.94E-03	2.43E-02	1.94E-03	1.52E-03	1.55E-04	2.26E-02	1.78E-03	2.95E-02	2.42E-03	2.95E-02	2.42E-03	2.27E-02	1.79E-03	2.43E-02	1.94E-03	2.29E-02	1.80E-03	2.26E-02	1.78E-03	2.28E-02	1.79E-03	2.27E-02	1.79E-03	1.70E+00	2.22E-01	1.27E+01	1.05E+00
3157 Gridded	2.37E-02	1.80E-03	2.36E-02	1.79E-03	2.52E-02	1.92E-03	2.52E-02	1.92E-03	1.45E-03	1.53E-04	2.36E-02	1.79E-03	3.02E-02	2.34E-03	3.02E-02	2.34E-03	2.37E-02	1.80E-03	2.52E-02	1.92E-03	2.39E-02	1.81E-03	2.36E-02	1.79E-03	2.38E-02	1.80E-03	2.37E-02	1.80E-03	1.49E+00	2.24E-01	1.33E+01	1.05E+00
3158 Gridded	6.71E-03	1.80E-03	6.69E-03	1.79E-03	7.09E-03	1.95E-03	7.09E-03	1.95E-03	6.85E-04	1.46E-04	6.69E-03	1.79E-03	9.39E-03	2.42E-03	9.39E-03	2.42E-03	6.71E-03	1.80E-03	7.09E-03	1.95E-03	6.76E-03	1.82E-03	6.70E-03	1.80E-03	6.73E-03	1.81E-03	6.72E-03	1.80E-03	5.98E-01	1.55E-01	3.94E+00	1.13E+00
3159 Gridded	6.27E-03	1.74E-03	6.23E-03	1.73E-03	6.85E-03	1.88E-03	6.85E-03	1.88E-03	6.83E-04	1.53E-04	6.24E-03	1.73E-03	9.16E-03	2.34E-03	9.16E-03	2.34E-03	6.27E-03	1.74E-03	6.85E-03	1.88E-03	6.34E-03	1.76E-03	6.26E-03	1.74E-03	6.31E-03	1.75E-03	6.28E-03	1.74E-03	6.55E-01	1.64E-01	3.68E+00	1.11E+00
3160 Gridded	6.47E-03	1.63E-03	6.43E-03	1.62E-03	7.06E-03	1.76E-03	7.06E-03	1.76E-03	6.64E-04	1.51E-04	6.44E-03	1.62E-03	8.98E-03	2.18E-03	8.98E-03	2.18E-03	6.48E-03	1.63E-03	7.06E-03	1.76E-03	6.55E-03	1.64E-03	6.46E-03	1.62E-03	6.51E-03	1.63E-03	6.48E-03	1.63E-03	6.87E-01	1.67E-01	3.80E+00	1.06E+00
3161 Gridded	6.38E-03	1.64E-03	6.34E-03	1.63E-03	6.99E-03	1.78E-03	6.99E-03	1.78E-03	6.18E-04	1.45E-04	6.34E-03	1.63E-03	8.97E-03	2.23E-03	8.97E-03	2.23E-03	6.38E-03	1.64E-03	6.99E-03	1.78E-03	6.45E-03	1.66E-03	6.36E-03	1.64E-03	6.41E-03	1.65E-03	6.38E-03	1.64E-03	7.11E-01	1.70E-01	3.79E+00	9.90E-01
3162 Gridded	6.13E-03	1.66E-03	6.09E-03	1.65E-03	6.75E-03	1.80E-03	6.75E-03	1.80E-03	5.88E-04	1.35E-04	6.09E-03	1.65E-03	8.78E-03	2.26E-03	8.78E-03	2.26E-03	6.13E-03	1.66E-03	6.75E-03	1.80E-03	6.21E-03	1.68E-03	6.12E-03	1.66E-03	6.17E-03	1.67E-03	6.14E-03	1.66E-03	7.00E-01	1.77E-01	3.71E+00	9.70E-01
3163 Gridded	6.08E-03	1.63E-03	6.04E-03	1.62E-03	6.67E-03	1.77E-03	6.67E-03	1.77E-03	6.06E-04	1.42E-04	6.05E-03	1.63E-03	8.60E-03	2.22E-03	8.60E-03	2.22E-03	6.08E-03	1.63E-03	6.67E-03	1.77E-03	6.16E-03	1.65E-03	6.07E-03	1.63E-03	6.12E-03	1.64E-03	6.09E-03	1.63E-03	7.06E-01	1.97E-01	3.57E+00	9.66E-01
3164 Gridded	6.08E-03	1.63E-03	6.04E-03	1.61E-03	6.68E-03	1.80E-03	6.68E-03	1.80E-03	7.26E-04	1.65E-04	6.04E-03	1.62E-03	8.64E-03	2.37E-03	8.64E-03	2.37E-03	6.08E-03	1.63E-03	6.68E-03	1.80E-03	6.15E-03	1.65E-03	6.06E-03	1.62E-03	6.11E-03	1.64E-03	6.08E-03	1.63E-03	7.10E-01	2.20E-01	3.63E+00	9.27E-01
3165 Gridded	6.36E-03	1.70E-03	6.33E-03	1.69E-03	6.88E-03	1.89E-03	6.88E-03	1.89E-03	7.81E-04	1.82E-04	6.33E-03	1.69E-03	8.57E-03	2.52E-03	8.57E-03	2.52E-03	6.36E-03	1.70E-03	6.88E-03	1.89E-03	6.43E-03	1.72E-03	6.35E-03	1.70E-03	6.39E-03	1.71E-03	6.37E-03	1.70E-03	7.86E-01	2.42E-01	3.68E+00	9.70E-01
3166 Gridded	6.72E-03	1.68E-03	6.68E-03	1.67E-03	7.25E-03	1.87E-03	7.25E-03	1.87E-03	6.64E-04	1.75E-04	6.69E-03	1.67E-03	8.98E-03	2.48E-03	8.98E-03	2.48E-03	6.72E-03	1.69E-03	7.25E-03	1.87E-03	6.78E-03	1.71E-03	6.71E-03	1.68E-03	6.75E-03	1.70E-03	6.72E-03	1.69E-03	7.46E-01	2.56E-01	3.95E+00	9.82E-01
3167 Gridded	6.52E-03	1.50E-03	6.48E-03	1.49E-03	7.02E-03	1.65E-03	7.02E-03	1.65E-03	5.83E-04	1.39E-04	6.49E-03	1.49E-03	8.64E-03	2.13E-03	8.64E-03	2.13E-03	6.52E-03	1.50E-03	7.02E-03	1.65E-03	6.58E-03	1.52E-03	6.50E-03	1.50E-03	6.55E-03	1.51E-03	6.52E-03	1.50E-03	7.87E-01	2.57E-01	3.92E+00	9.03E-01
3168 Gridded	6.33E-03	1.13E-03	6.30E-03	1.12E-03	6.90E-03	1.24E-03	6.90E-03	1.24E-03	5.42E-04	1.23E-04	6.30E-03	1.12E-03	8.74E-03	1.59E-03	8.74E-03	1.59E-03	6.34E-03	1.13E-03	6.90E-03	1.24E-03	6.40E-03	1.14E-03	6.32E-03	1.13E-03	6.37E-03	1.14E-03	6.34E-03	1.13E-03	7.96E-01	2.90E-01	3.72E+00	7.24E-01
3169 Gridded	6.11E-03	7.78E-04	6.07E-03	7.73E-04	6.63E-03	8.44E-04	6.63E-03	8.44E-04	5.55E-04	1.21E-04	6.08E-03	7.74E-04	8.32E-03	1.18E-03	8.32E-03	1.18E-03	6.11E-03	7.78E-04	6.63E-03	8.44E-04	6.17E-03	7.86E-04	6.09E-03	7.76E-04	6.14E-03	7.82E-04	6.11E-03	7.78E-04	7.35E-01	2.90E-01	3.66E+00	5.45E-01
3170 Gridded	4.95E-03	6.40E-04	4.92E-03	6.38E-04	5.31E-03	6.62E-04	5.31E-03	6.62E-04	6.10E-04	1.20E-04	4.93E-03	6.39E-04	6.70E-03	8.80E-04	6.70E-03	8.80E-04	4.95E-03	6.40E-04	5.31E-03	6.62E-04	4.99E-03	6.43E-04	4.94E-03	6.39E-04	4.97E-03	6.41E-04	4.95E-03	6.40E-04	7.85E-01	2.47E-01	3.11E+00	4.58E-01
3171 Gridded	4.16E-03	4.95E-04	4.13E-03	4.91E-04	4.59E-03	5.85E-04	4.59E-03	5.85E-04	5.63E-04	1.02E-04	4.13E-03	4.92E-04	6.21E-03	9.38E-04	6.21E-03	9.38E-04	4.16E-03	4.95E-04	4.59E-03	5.85E-04	4.21E-03	5.01E-04	4.15E-03	4.93E-04	4.18E-03	4.98E-04	4.16E-03	4.95E-04	8.12E-01	2.47E-01	2.36E+00	3.16E-01
3172 Gridded	4.04E-03	4.15E-04	4.04E-03	4.13E-04	4.26E-03	4.41E-04	4.26E-03	4.41E-04	4.56E-04	5.01E-05	4.04E-03	4.13E-04	5.25E-03	5.26E-04	5.25E-03	5.26E-04	4.04E-03	4.15E-04	4.26E-03	4.41E-04	4.05E-03	4.18E-04	4.04E-03	4.14E-04	4.05E-03	4.16E-04	4.04E-03	4.15E-04	7.61E-01	1.77E-01	2.36E+00	2.28E-01
3173 Gridded	3.74E-03	2.44E-04	3.72E-03	2.44E-04	4.04E-03	2.51E-04	4.04E-03	2.51E-04	5.58E-04	7.59E-05	3.72E-03	2.44E-04	5.02E-03	4.99E-04	5.02E-03	4.99E-04	3.74E-03	2.44E-04	4.04E-03	2.51E-04	3.78E-03	2.45E-04	3.73E-03	2.44E-04	3.76E-03	2.45E-04	3.74E-03	2.44E-04	6.80E-01	5.87E-02	2.27E+00	1.55E-01
3174 Gridded	3.64E-03	2.99E-04	3.62E-03	2.97E-04	3.86E-03	3.52E-04	3.86E-03	3.52E-04	5.49E-04	6.67E-05	3.63E-03	2.97E-04	4.66E-03	5.82E-04	4.66E-03	5.82E-04	3.64E-03	3.00E-04	3.86E-03	3.52E-04	3.67E-03	3.04E-04	3.63E-03	2.99E-04	3.65E-03	3.02E-04	3.64E-03	3.00E-04	7.68E-01	6.34E-02	2.15E+00	1.68E-01
3175 Gridded	3.83E-03	3.73E-04	3.81E-03	3.71E-04	4.08E-03	4.03E-04	4.08E-03	4.03E-04	7.15E-04	7.49E-05	3.81E-03	3.71E-04	4.91E-03	5.00E-04	4.91E-03	5.00E-04	3.83E-03	3.73E-04	4.08E-03	4.03E-04	3.86E-03	3.77E-04	3.82E-03	3.72E-04	3.84E-03	3.75E-04	3.83E-03	3.73E-04	8.31E-01	7.25E-02	2.07E+00	2.04E-01
3176 Gridded	3.93E-03	2.82E-04	3.91E-03	2.81E-04	4.21E-03	3.22E-04	4.21E-03	3.22E-04	8.87E-04	1.57E-04	3.91E-03	2.81E-04	5.14E-03	7.36E-04	5.14E-03	7.36E-04	3.93E-03	2.82E-04	4.21E-03	3.22E-04	3.96E-03	2.82E-04	3.92E-03	2.82E-04	3.94E-03	2.82E-04	3.93E-03	2.82E-04	8.70E-01	1.45E-01	2.13E+00	2.20E-01
3177 Gridded	4.13E-03	3.59E-04	4.10E-03	3.54E-04	4.54E-03	4.35E-04	4.54E-03	4.35E-04	1.59E-03	2.19E-04	4.11E-03	3.54E-04	7.29E-03	1.03E-03	7.29E-03	1.03E-03	4.13E-03	3.59E-04	4.54E-03	4.35E-04	4.18E-03	3.68E-04	4.12E-03	3.57E-04	4.15E-03	3.63E-04	4.13E-03	3.60E-04	1.07E+00	2.35E-01	2.27E+00	3.10E-01
3178 Gridded	4.71E-03	6.38E-04	4.70E-03	6.29E-04	4.94E-03	7.77E-04	4.94E-03	7.77E-04	1.58E-03	2.38E-04	4.70E-03	6.30E-04	7.50E-03	1.23E-03	7.50E-03	1.23E-03	4.71E-03	6.39E-04	4.94E-03	7.77E-04	4.74E-03	6.55E-04	4.71E-03	6.35E-04	4.73E-03	6.46E-04	4.72E-03	6.40E-04	9.92E-01	4.12E-01	2.56E+00	3.68E-01
3179 Gridded	4.19E-03	9.02E-04	4.15E-03	8.96E-04	4.80E-03	9.94E-04	4.80E-03	9.94E-04	1.07E-03	1.52E-04	4.16E-03	8.97E-04	6.74E-03	1.29E-03	6.74E-03	1.29E-03	4.20E-03	9.03E-04	4.80E-03	9.94E-04	4.27E-03	9.14E-04	4.18E-03	9.00E-04	4.23E-03	9.08E-04	4.20E-03	9.03E-04	1.00E+00	3.55E-01	2.37E+00	4.96E-01
3180 Gridded	4.76E-03	8.66E-04	4.70E-03	8.62E-04	5.63E-03	9.25E-04	5.63E-03	9.25E-04	1.05E-03	1.01E-04	4.71E-03	8.62E-04	8.46E-03	1.12E-03	8.46E-03	1.12E-03	4.76E-03	8.66E-04	5.63E-03	9.25E-04	4.87E-03	8.73E-04	4.74E-03	8.64E-04	4.81E-03	8.69E-04	4.77E-03	8.66E-04	9.94E-01	2.37E-01	2.73E+00	4.72E-01
3181 Gridded	6.18E-03	7.62E-04	6.10E-03	7.58E-04	7.34E-03	8.22E-04	7.34E-03	8.22E-04	1.09E-03	1.22E-04	6.12E-03	7.58E-04	1.11E-02	1.02E-03	1.11E-02	1.02E-03	6.18E-03	7.62E-04	7.34E-03	8.22E-04	6.32E-03	7.69E-04	6.15E-03	7.60E-04	6.25E-03	7.65E-04	6.19E-03	7.62E-04	1.28E+00	2.21E-01	3.58E+00	4.64E-01
3182 Gridded	8.68E-03	7.39E-04	8.59E-03	7.34E-04	1.01E-02	8.15E-04	1.01E-02	8.15E-04	1.30E-03	1.30E-04	8.60E-03	7.35E-04	1.45E-02	1.06E-03	1.45E-02	1.06E-03	8.68E-03	7.40E-04	1.01E-02	8.15E-04	8.85E-03	7.49E-04	8.65E-03	7.38E-04	8.76E-03	7.44E-04	8.70E-03	7.40E-04	1.43E+00	2.01E-01	5.00E+00	4.69E-01
3183 Gridded	1.19E-02	8.48E-04	1.18E-02	8.43E-04	1.34E-02	9.19E-04	1.34E-02	9.19E-04	1.42E-03	1.25E-04	1.18E-02	8.44E-04	1.83E-02	1.29E-03	1.83E-02	1.29E-03	1.19E-02	8.48E-04	1.34E-02	9.19E-04	1.21E-02	8.57E-04	1.18E-02	8.47E-04	1.20E-02	8.52E-04	1.19E-02	8.49E-04	1.64E+00	2.21E-01	6.77E+00	5.39E-01
3184 Gridded	1.62E-02	9.86E-04	1.61E-02	9.77E-04	1.78E-02	1.12E-03	1.78E-02	1.12E-03	1.50E-03	1.25E-04	1.61E-02	9.79E-04	2.30E-02	1.55E-03	2.30E-02	1.55E-03	1.62E-02	9.86E-04	1.78E-02	1.12E-03	1.64E-02	1.00E-03	1.62E-02	9.83E-04	1.63E-02	9.94E-04	1.62E-02	9.87E-04	1.75E+00	2.48E-01	9.14E+00	6.36E-01
3185 Gridded	2.05E-02	1.21E-03	2.04E-02	1.20E-03	2.21E-02	1.34E-03	2.21E-02	1.34E-03	1.52E-03	1.27E-04	2.04E-02	1.20E-03	2.73E-02	1.77E-03	2.73E-02	1.77E-03	2.05E-02	1.21E-03	2.21E-02	1.34E-03	2.07E-02	1.23E-03	2.05E-02	1.21E-03	2.06E-02	1.22E-03	2.05E-02	1.21E-03	1.68E+00	2.71E-01	1.15E+01	7.32E-01
3186 Gridded	2.33E-02	1.40E-03	2.32E-02	1.39E-03	2.49E-02	1.51E-03	2.49E-02	1.51E-03	1.47E-03	1.69E-04	2.32E-02	1.39E-03	2.99E-02	1.90E-03	2.99E-02	1.90E-03	2.33E-02	1.40E-03	2.49E-02	1.51E-03	2.35E-02	1.41E-03	2.33E-02	1.39E-03	2.34E-02	1.40E-03	2.33E-02	1.40E-03	1.56E+00	2.72E-01	1.30E+01	8.46E-01
3187 Gridded	2.48E-02	1.46E-03	2.48E-02	1.46E-03	2.63E-02	1.56E-03	2.63E-02	1.56E-03	1.37E-03	1.95E-04	2.48E-02	1.46E-03	3.10E-02	1.93E-03	3.10E-02	1.93E-03	2.49E-02	1.46E-03	2.63E-02	1.56E-03	2.50E-02	1.47E-03	2.48E-02	1.46E-03	2.49E-02	1.47E-03	2.49E-02	1.46E-03	1.50E+00	2.55E-01	1.39E+01	9.13E-01
3188 Gridded	2.47E-02	1.47E-03	2.46E-02	1.46E-03	2.60E-02	1.59E-03	2.60E-02	1.59E-03	1.27E-03	2.06E-04	2.46E-02	1.46E-03	3.04E-02	1.98E-03	3.04E-02	1.98E-03	2.47E-02	1.47E-03	2.60E-02	1.59E-03	2.48E-02	1.48E-03	2.47E-02	1.47E-03	2.48E-02	1.48E-03	2.47E-02	1.47E-03	1.40E+00	2.28E-01	1.38E+01	9.35E-01
3189 Gridded	6.58E-03	1.86E-03	6.56E-03	1.85E-03	7.06E-03	2.01E-03	7.06E-03	2.01E-03	6.53E-04	1.42E-04	6.56E-03	1.85E-03	9.16E-03	2.50E-03	9.16E-03	2.50E-03	6.58E-03	1.86E-03	7.06E-03	2.01E-03	6.63E-03	1.88E-03	6.58E-03	1.85E-03	6.60E-03	1.87E-03	6.59E-03	1.86E-03	6.23E-01	1.41E-01	3.81E+00	1.10E+00
3190 Gridded	6.53E-03	1.87E-03	6.49E-03	1.86E-03	7.22E-03	2.03E-03	7.22E-03	2.03E-03	7.01E-04	1.44E-04	6.50E-03	1.87E-03	9.57E-03	2.52E-03	9.57E-03	2.52E-03	6.54E-03	1.87E-03	7.22E-03	2.03E-03	6.62E-03	1.89E-03	6.52E-03	1.87E-03	6.57E-03	1.88E-03	6.54E-03	1.88E-03	6.63E-01	1.53E-01	3.74E+00	1.12E+00
3191 Gridded	6.47E-03	1.84E-03	6.42E-03	1.83E-03	7.23E-03	1.99E-03	7.23E-03	1.99E-03	7.54E-04	1.43E-04	6.43E-03	1.83E-03	9.83E-03	2.48E-03	9.83E-03	2.48E-03	6.47E-03	1.84E-03	7.23E-03	1.99E-03	6.56E-03	1.86E-03	6.45E-03	1.84E-03	6.51E-03	1.85E-03	6.48E-03	1.84E-03	6.86E-01	1.62E-01	3.75E+00	1.11E+00
3192 Gridded	6.25E-03	1.75E-03	6.21E-03	1.74E-03	7.02E-03	1.90E-03	7.02E-03	1.90E-03	7.79E-04	1.38E-04	6.22E-03	1.74E-03	9.70E-03	2.37E-03	9.70E-03	2.37E-03	6.25E-03	1.75E-03	7.02E-03	1.90E-03	6.32E-03	1.77E-03	6.23E-03	1.75E-03	6.28E-03	1.76E-03	6.25E-03	1.75E-03	6.96E-01	1.72E-01	3.72E+00	1.07E+00
3193 Gridded	6.40E-03	1.62E-03	6.36E-03	1.62E-03	7.01E-03	1.76E-03	7.01E-03	1.76E-03	7.62E-04	1.27E-04	6.37E-03	1.62E-03	9.20E-03	2.20E-03	9.20E-03	2.20E-03	6.40E-03	1.63E-03	7.01E-03	1.76E-03	6.48E-03	1.64E-03	6.39E-03	1.62E-03	6.44E-03	1.63E-03	6.41E-03	1.63E-03	6.78E-01	1.83E-01	3.65E+00	1.00E+00
3194 Gridded	6.41E-03	1.46E-03	6.37E-03	1.46E-03	7.06E-03	1.58E-03	7.06E-03	1.58E-03	7.40E-04	1.24E-04	6.37E-03	1.46E-03	9.16E-03	1.97E-03	9.16E-03	1.97E-03	6.41E-03	1.46E-03	7.06E-03	1.58E-03	6.49E-03	1.48E-03	6.40E-03	1.46E-03	6.45E-03	1.47E-03	6.42E-03	1.46E-03	7.11E-01	1.95E-01	3.68E+00	9.22E-01
3195 Gridded	6.09E-03	1.28E-03	6.05E-03	1.28E-03	6.75E-03	1.40E-03	6.75E-03	1.40E-03	6.91E-04	1.24E-04	6.05E-03	1.28E-03	8.90E-03	1.79E-03	8.90E-03	1.79E-03	6.09E-03	1.28E-03	6.75E-03	1.40E-03	6.17E-03	1.30E-03	6.08E-03	1.28E-03	6.13E-03	1.29E-03	6.10E-03	1.28E-03	9.10E-01	2.11E-01	3.55E+00	8.57E-01
3196 Gridded	6.59E-03	1.25E-03	6.55E-03	1.24E-03	7.11E-03	1.36E-03	7.11E-03	1.36E-03	6.04E-04	1.16E-04	6.56E-03	1.24E-03	8.83E-03	1.74E-03	8.83E-03	1.74E-03	6.59E-03	1.25E-03	7.11E-03	1.36E-03	6.65E-03	1.26E-03	6.57E-03	1.24E-03	6.62E-03	1.25E-03	6.59E-03	1.25E-03	1.26E+00	2.20E-01	3.90E+00	7.98E-01
3197 Gridded	6.47E-03	1.18E-03	6.44E-03	1.17E-03	6.97E-03	1.31E-03	6.97E-03	1.31E-03	5.54E-04	1.26E-04	6.44E-03	1.17E-03	8.60E-03	1.75E-03	8.60E-03	1.75E-03	6.47E-03	1.18E-03	6.97E-03	1.31E-03	6.53E-03	1.20E-03	6.46E-03	1.18E-03	6.50E-03	1.19E-03	6.48E-03	1.18E-03	1.54E+00	2.28E-01	3.91E+00	7.12E-01
3198 Gridded	5.89E-03	1.18E-03	5.86E-03	1.17E-03	6.40E-03	1.33E-03	6.40E-03	1.33E-03	5.44E-04	1.37E-04	5.87E-03	1.17E-03	8.03E-03	1.80E-03	8.03E-03	1.80E-03	5.90E-03	1.18E-03	6.40E-03	1.33E-03	5.96E-03	1.20E-03	5.88E-03	1.18E-03	5.92E-03	1.19E-03	5.90E-03	1.18E-03	1.43E+00	2.31E-01	3.61E+00	6.56E-01
3199 Gridded	5.79E-03	1.14E-03	5.75E-03	1.13E-03	6.32E-03	1.30E-03	6.32E-03	1.30E-03	5.67E-04	1.48E-04	5.76E-03	1.13E-03	8.05E-03	1.81E-03	8.05E-03	1.81E-03	5.79E-03	1.14E-03	6.32E-03	1.30E-03	5.85E-03	1.16E-03	5.78E-03	1.14E-03	5.82E-03	1.15E-03	5.79E-03	1.14E-03	1.10E+00	2.43E-01	3.33E+00	6.34E-01
3200 Gridded	5.50E-03	1.00E-03	5.46E-03	9.95E-04	6.09E-03	1.15E-03	6.09E-03	1.15E-03	6.70E-04	1.36E-04	5.46E-03	9.97E-04	8.03E-03	1.62E-03	8.03E-03	1.62E-03	5.50E-03	1.01E-03	6.09E-03	1.15E-03	5.57E-03	1.02E-03	5.48E-03	1.00E-03	5.53E-03	1.01E-03	5.50E-03	1.01E-03	7.64E-01	2.43E-01	3.10E+00	5.62E-01
3201 Gridded	5.16E-03	6.97E-04	5.12E-03	6.91E-04	5.74E-03	7.86E-04	5.74E-03	7.86E-04	5.75E-04	1.21E-04	5.12E-03	6.92E-04	7.64E-03	1.07E-03	7.64E-03	1.07E-03	5.16E-03	6.97E-04	5.74E-03	7.86E-04	5.23E-03	7.08E-04	5.14E-03	6.95E-04	5.19E-03	7.02E-04	5.16E-03	6.98E-04	8.11E-01	2.50E-01	2.91E+00	4.05E-01
3202 Gridded	4.19E-03	4.67E-04	4.17E-03	4.66E-04	4.55E-03	4.86E-04	4.55E-03	4.86E-04	6.06E-04	1.05E-04	4.17E-03	4.66E-04	5.73E-03	6.16E-04	5.73E-03	6.16E-04	4.19E-03	4.67E-04	4.55E-03	4.86E-04	4.23E-03	4.69E-04	4.18E-03	4.67E-04	4.21E-03	4.68E-04	4.19E-03	4.67E-04	8.06E-01	2.36E-01	2.37E+00	2.72E-01
3203 Gridded	3.14E-03	3.25E-04	3.14E-03	3.23E-04	3.31E-03	3.52E-04	3.31E-03	3.52E-04	3.13E-04	3.96E-05	3.14E-03	3.23E-04	4.04E-03	4.42E-04	4.04E-03	4.42E-04	3.14E-03	3.25E-04	3.31E-03	3.52E-04	3.16E-03	3.28E-04	3.14E-03	3.24E-04	3.15E-03	3.27E-04	3.14E-03	3.25E-04	6.68E-01	1.24E-01	1.69E+00	1.75E-01
3204 Gridded	2.83E-03	2.19E-04	2.83E-03	2.17E-04	2.97E-03	2.40E-04	2.97E-03	2.40E-04	3.29E-04	3.18E-05	2.83E-03	2.17E-04	3.75E-03	3.08E-04	3.75E-03	3.08E-04	2.83E-03	2.19E-04	2.97E-03	2.40E-04	2.83E-03	2.21E-04	2.83E-03	2.18E-04	2.83E-03	2.20E-04	2.83E-03	2.19E-04	7.83E-01	5.21E-02	1.67E+00	1.57E-01
3205 Gridded	2.99E-03	2.33E-04	2.98E-03	2.31E-04	3.18E-03	2.55E-04	3.18E-03	2.55E-04	3.65E-04	3.79E-05	2.98E-03	2.32E-04	3.81E-03	3.28E-04	3.81E-03	3.28E-04	2.99E-03	2.33E-04	3.18E-03	2.55E-04	3.01E-03	2.36E-04	2.98E-03	2.32E-04	3.00E-03	2.34E-04	2.99E-03	2.33E-04	8.95E-01	6.11E-02	1.85E+00	1.70E-01
3206 Gridded	3.15E-03	2.52E-04	3.15E-03	2.52E-04	3.34E-03	2.70E-04	3.34E-03	2.70E-04	6.90E-04	8.97E-05	3.15E-03	2.52E-04	4.07E-03	4.13E-04	4.07E-03	4.13E-04	3.16E-03	2.52E-04	3.34E-03	2.70E-04	3.16E-03	2.53E-04	3.15E-03	2.52E-04	3.16E-03	2.52E-04	3.16E-03	2.52E-04	9.74E-01	6.77E-02	2.05E+00	1.82E-01
3207 Gridded	3.25E-03	2.60E-04	3.25E-03	2.58E-04	3.45E-03	3.18E-04	3.45E-03	3.18E-04	2.05E-03	2.75E-04	3.25E-03	2.59E-04	9.41E-03	1.27E-03	9.41E-03	1.27E-03	3.25E-03	2.60E-04	3.45E-03	3.18E-04	3.26E-03	2.63E-04	3.25E-03	2.59E-04	3.25E-03	2.61E-04	3.25E-03	2.60E-04	1.00E+00	1.40E-01	2.14E+00	2.17E-01

Scenario 2 Results

3208 Gridded	3.25E-03	3.07E-04	3.23E-03	3.00E-04	3.56E-03	4.22E-04	3.56E-03	4.22E-04	1.64E-03	2.45E-04	3.24E-03	3.01E-04	7.59E-03	1.15E-03	7.59E-03	1.15E-03	3.25E-03	3.08E-04	3.56E-03	4.22E-04	3.27E-03	3.22E-04	3.24E-03	3.05E-04	3.26E-03	3.14E-04	3.25E-03	3.09E-04	9.82E-01	2.42E-01	2.11E+00	2.74E-01
3209 Gridded	3.22E-03	6.35E-04	3.19E-03	6.32E-04	3.72E-03	6.85E-04	3.72E-03	6.85E-04	1.17E-03	1.06E-04	3.20E-03	6.33E-04	5.52E-03	8.46E-04	5.52E-03	8.46E-04	3.22E-03	6.36E-04	3.72E-03	6.85E-04	3.28E-03	6.42E-04	3.21E-03	6.34E-04	3.25E-03	6.38E-04	3.23E-03	6.36E-04	9.28E-01	2.19E-01	2.00E+00	3.42E-01
3210 Gridded	3.39E-03	5.46E-04	3.35E-03	5.45E-04	4.09E-03	5.69E-04	4.09E-03	5.69E-04	6.60E-04	9.50E-05	3.35E-03	5.45E-04	6.37E-03	6.69E-04	6.37E-03	6.69E-04	3.39E-03	5.47E-04	4.09E-03	5.69E-04	3.48E-03	5.49E-04	3.38E-03	5.46E-04	3.43E-03	5.48E-04	3.40E-03	5.47E-04	9.06E-01	2.43E-01	1.91E+00	3.02E-01
3211 Gridded	4.33E-03	5.08E-04	4.27E-03	5.06E-04	5.30E-03	5.55E-04	5.30E-03	5.55E-04	9.11E-04	9.36E-05	4.28E-03	5.06E-04	8.44E-03	7.63E-04	8.44E-03	7.63E-04	4.34E-03	5.08E-04	5.30E-03	5.55E-04	4.45E-03	5.12E-04	4.31E-03	5.07E-04	4.39E-03	5.10E-04	4.34E-03	5.08E-04	1.10E+00	2.68E-01	2.50E+00	3.12E-01
3212 Gridded	6.98E-03	5.86E-04	6.90E-03	5.83E-04	8.18E-03	6.60E-04	8.18E-03	6.60E-04	1.13E-03	1.01E-04	6.92E-03	5.83E-04	1.21E-02	1.01E-03	1.21E-02	1.01E-03	6.99E-03	5.87E-04	8.18E-03	6.60E-04	7.13E-03	5.93E-04	6.96E-03	5.85E-04	7.05E-03	5.90E-04	7.00E-03	5.87E-04	1.25E+00	2.62E-01	3.99E+00	3.84E-01
3213 Gridded	1.08E-02	6.93E-04	1.07E-02	6.86E-04	1.21E-02	7.98E-04	1.21E-02	7.98E-04	1.26E-03	9.95E-05	1.07E-02	6.87E-04	1.64E-02	1.14E-03	1.64E-02	1.14E-03	1.08E-02	6.93E-04	1.21E-02	7.98E-04	1.09E-02	7.06E-04	1.07E-02	6.90E-04	1.09E-02	6.99E-04	1.08E-02	6.94E-04	1.26E+00	2.52E-01	6.08E+00	4.66E-01
3214 Gridded	1.44E-02	8.15E-04	1.43E-02	8.08E-04	1.58E-02	9.17E-04	1.58E-02	9.17E-04	1.28E-03	1.01E-04	1.44E-02	8.09E-04	2.02E-02	1.25E-03	2.02E-02	1.25E-03	1.44E-02	8.15E-04	1.58E-02	9.17E-04	1.46E-02	8.27E-04	1.44E-02	8.12E-04	1.45E-02	8.21E-04	1.45E-02	8.16E-04	1.38E+00	2.32E-01	8.11E+00	5.34E-01
3215 Gridded	1.82E-02	9.04E-04	1.81E-02	8.98E-04	1.95E-02	1.00E-03	1.95E-02	1.00E-03	1.27E-03	1.23E-04	1.81E-02	8.99E-04	2.39E-02	1.36E-03	2.39E-02	1.36E-03	1.82E-02	9.05E-04	1.95E-02	1.00E-03	1.83E-02	9.17E-04	1.81E-02	9.02E-04	1.83E-02	9.10E-04	1.82E-02	9.06E-04	1.47E+00	2.17E-01	1.02E+01	6.14E-01
3216 Gridded	2.16E-02	1.09E-03	2.15E-02	1.08E-03	2.29E-02	1.20E-03	2.29E-02	1.20E-03	1.48E-03	1.67E-04	2.15E-02	1.08E-03	2.72E-02	1.59E-03	2.72E-02	1.59E-03	2.16E-02	1.09E-03	2.29E-02	1.20E-03	2.17E-02	1.10E-03	2.15E-02	1.08E-03	2.16E-02	1.09E-03	2.16E-02	1.09E-03	1.45E+00	2.09E-01	1.20E+01	7.25E-01
3217 Gridded	2.32E-02	1.28E-03	2.31E-02	1.27E-03	2.44E-02	1.40E-03	2.44E-02	1.40E-03	1.52E-03	1.90E-04	2.31E-02	1.28E-03	2.84E-02	1.79E-03	2.84E-02	1.79E-03	2.32E-02	1.28E-03	2.44E-02	1.40E-03	2.33E-02	1.30E-03	2.31E-02	1.28E-03	2.32E-02	1.29E-03	2.32E-02	1.28E-03	1.32E+00	1.89E-01	1.29E+01	8.31E-01
3218 Gridded	2.34E-02	1.41E-03	2.33E-02	1.41E-03	2.46E-02	1.53E-03	2.46E-02	1.53E-03	1.47E-03	1.93E-04	2.34E-02	1.41E-03	2.83E-02	1.92E-03	2.83E-02	1.92E-03	2.34E-02	1.41E-03	2.46E-02	1.53E-03	2.36E-02	1.43E-03	2.34E-02	1.41E-03	2.35E-02	1.42E-03	2.34E-02	1.42E-03	1.16E+00	1.62E-01	1.30E+01	8.97E-01
3219 Gridded	2.24E-02	1.45E-03	2.23E-02	1.45E-03	2.34E-02	1.57E-03	2.34E-02	1.57E-03	1.28E-03	1.78E-04	2.23E-02	1.45E-03	2.67E-02	1.94E-03	2.67E-02	1.94E-03	2.24E-02	1.45E-03	2.34E-02	1.57E-03	2.25E-02	1.47E-03	2.23E-02	1.45E-03	2.24E-02	1.46E-03	2.24E-02	1.46E-03	1.02E+00	1.41E-01	1.25E+01	9.09E-01
3220 Gridded	6.19E-03	1.71E-03	6.17E-03	1.70E-03	6.60E-03	1.85E-03	6.60E-03	1.85E-03	5.73E-04	1.34E-04	6.17E-03	1.70E-03	8.05E-03	2.31E-03	8.05E-03	2.31E-03	6.19E-03	1.71E-03	6.60E-03	1.85E-03	6.24E-03	1.73E-03	6.18E-03	1.71E-03	6.22E-03	1.72E-03	6.20E-03	1.71E-03	6.23E-01	1.99E-01	3.64E+00	1.08E+00
3221 Gridded	6.33E-03	1.67E-03	6.30E-03	1.66E-03	6.82E-03	1.81E-03	6.82E-03	1.81E-03	5.74E-04	1.34E-04	6.30E-03	1.66E-03	8.41E-03	2.26E-03	8.41E-03	2.26E-03	6.33E-03	1.67E-03	6.82E-03	1.81E-03	6.39E-03	1.68E-03	6.32E-03	1.66E-03	6.36E-03	1.67E-03	6.33E-03	1.67E-03	6.48E-01	2.08E-01	3.81E+00	1.07E+00
3222 Gridded	6.49E-03	1.66E-03	6.46E-03	1.65E-03	6.97E-03	1.79E-03	6.97E-03	1.79E-03	5.46E-04	1.33E-04	6.46E-03	1.65E-03	8.58E-03	2.22E-03	8.58E-03	2.22E-03	6.49E-03	1.66E-03	6.97E-03	1.79E-03	6.54E-03	1.67E-03	6.48E-03	1.65E-03	6.52E-03	1.67E-03	6.49E-03	1.66E-03	6.62E-01	2.13E-01	3.93E+00	1.03E+00
3223 Gridded	6.60E-03	1.65E-03	6.57E-03	1.64E-03	7.06E-03	1.78E-03	7.06E-03	1.78E-03	5.92E-04	1.31E-04	6.57E-03	1.64E-03	8.57E-03	2.21E-03	8.57E-03	2.21E-03	6.60E-03	1.65E-03	7.06E-03	1.78E-03	6.66E-03	1.66E-03	6.59E-03	1.64E-03	6.63E-03	1.65E-03	6.60E-03	1.65E-03	6.67E-01	2.18E-01	3.93E+00	9.80E-01
3224 Gridded	6.48E-03	1.60E-03	6.45E-03	1.59E-03	6.96E-03	1.73E-03	6.96E-03	1.73E-03	6.25E-04	1.34E-04	6.46E-03	1.59E-03	8.51E-03	2.15E-03	8.51E-03	2.15E-03	6.48E-03	1.60E-03	6.96E-03	1.73E-03	6.54E-03	1.62E-03	6.47E-03	1.60E-03	6.51E-03	1.61E-03	6.49E-03	1.60E-03	6.56E-01	2.21E-01	3.93E+00	9.18E-01
3225 Gridded	6.23E-03	1.52E-03	6.20E-03	1.51E-03	6.70E-03	1.66E-03	6.70E-03	1.66E-03	6.76E-04	1.34E-04	6.21E-03	1.51E-03	8.21E-03	2.12E-03	8.21E-03	2.12E-03	6.23E-03	1.52E-03	6.70E-03	1.66E-03	6.29E-03	1.54E-03	6.22E-03	1.51E-03	6.26E-03	1.53E-03	6.24E-03	1.52E-03	6.78E-01	2.25E-01	3.89E+00	8.97E-01
3226 Gridded	6.34E-03	1.46E-03	6.31E-03	1.45E-03	6.85E-03	1.60E-03	6.85E-03	1.60E-03	7.28E-04	1.31E-04	6.31E-03	1.46E-03	8.50E-03	2.05E-03	8.50E-03	2.05E-03	6.34E-03	1.46E-03	6.85E-03	1.60E-03	6.40E-03	1.48E-03	6.33E-03	1.46E-03	6.37E-03	1.47E-03	6.35E-03	1.46E-03	8.68E-01	2.33E-01	3.77E+00	8.73E-01
3227 Gridded	6.80E-03	1.36E-03	6.76E-03	1.35E-03	7.33E-03	1.49E-03	7.33E-03	1.49E-03	7.39E-04	1.22E-04	6.77E-03	1.35E-03	9.07E-03	1.91E-03	9.07E-03	1.91E-03	6.80E-03	1.36E-03	7.33E-03	1.49E-03	6.86E-03	1.38E-03	6.79E-03	1.36E-03	6.83E-03	1.37E-03	6.80E-03	1.36E-03	1.21E+00	2.40E-01	3.97E+00	8.25E-01
3228 Gridded	6.67E-03	1.20E-03	6.64E-03	1.20E-03	7.19E-03	1.31E-03	7.19E-03	1.31E-03	6.40E-04	1.02E-04	6.64E-03	1.20E-03	8.88E-03	1.66E-03	8.88E-03	1.66E-03	6.67E-03	1.20E-03	7.19E-03	1.31E-03	6.73E-03	1.22E-03	6.66E-03	1.20E-03	6.70E-03	1.21E-03	6.68E-03	1.21E-03	1.53E+00	2.41E-01	3.95E+00	7.43E-01
3229 Gridded	6.06E-03	9.67E-04	6.03E-03	9.60E-04	6.59E-03	1.07E-03	6.59E-03	1.07E-03	5.65E-04	9.25E-05	6.03E-03	9.61E-04	8.31E-03	1.38E-03	8.31E-03	1.38E-03	6.06E-03	9.67E-04	6.59E-03	1.07E-03	6.13E-03	9.79E-04	6.05E-03	9.65E-04	6.09E-03	9.73E-04	6.07E-03	9.68E-04	1.55E+00	2.28E-01	3.66E+00	6.09E-01
3230 Gridded	5.65E-03	8.01E-04	5.62E-03	7.95E-04	6.18E-03	8.88E-04	6.18E-03	8.88E-04	5.19E-04	8.52E-05	5.62E-03	7.96E-04	7.87E-03	1.17E-03	7.87E-03	1.17E-03	5.66E-03	8.01E-04	6.18E-03	8.88E-04	5.72E-03	8.12E-04	5.64E-03	7.99E-04	5.68E-03	8.06E-04	5.66E-03	8.02E-04	1.41E+00	2.11E-01	3.38E+00	5.05E-01
3231 Gridded	4.83E-03	6.93E-04	4.80E-03	6.84E-04	5.34E-03	8.25E-04	5.34E-03	8.25E-04	5.79E-04	1.24E-04	4.80E-03	6.86E-04	7.00E-03	1.25E-03	7.00E-03	1.25E-03	4.83E-03	6.93E-04	5.34E-03	8.25E-04	4.90E-03	7.09E-04	4.82E-03	6.90E-04	4.86E-03	7.01E-04	4.84E-03	6.94E-04	1.10E+00	1.98E-01	2.82E+00	3.86E-01
3232 Gridded	4.14E-03	6.79E-04	4.10E-03	6.69E-04	4.69E-03	8.35E-04	4.69E-03	8.35E-04	6.39E-04	1.46E-04	4.11E-03	6.70E-04	6.47E-03	1.34E-03	6.47E-03	1.34E-03	4.14E-03	6.79E-04	4.69E-03	8.35E-04	4.20E-03	6.98E-04	4.12E-03	6.76E-04	4.17E-03	6.88E-04	4.14E-03	6.81E-04	7.31E-01	1.81E-01	2.27E+00	3.66E-01
3233 Gridded	3.93E-03	5.73E-04	3.90E-03	5.68E-04	4.38E-03	6.53E-04	4.38E-03	6.53E-04	4.62E-04	8.22E-05	3.91E-03	5.69E-04	5.84E-03	9.13E-04	5.84E-03	9.13E-04	3.93E-03	5.73E-04	4.38E-03	6.53E-04	3.99E-03	5.83E-04	3.92E-03	5.71E-04	3.96E-03	5.78E-04	3.94E-03	5.74E-04	6.48E-01	1.25E-01	2.12E+00	3.08E-01
3234 Gridded	2.93E-03	3.05E-04	2.92E-03	3.04E-04	3.02E-03	3.16E-04	3.02E-03	3.16E-04	3.20E-04	2.10E-05	2.93E-03	3.04E-04	3.40E-03	3.51E-04	3.40E-03	3.51E-04	2.93E-03	3.05E-04	3.02E-03	3.16E-04	2.94E-03	3.06E-04	2.93E-03	3.05E-04	2.94E-03	3.05E-04	2.93E-03	3.05E-04	7.40E-01	4.73E-02	1.65E+00	1.64E-01
3235 Gridded	2.36E-03	2.24E-04	2.35E-03	2.23E-04	2.58E-03	2.46E-04	2.58E-03	2.46E-04	3.40E-04	2.43E-05	2.35E-03	2.23E-04	3.49E-03	3.15E-04	3.49E-03	3.15E-04	2.36E-03	2.24E-04	2.58E-03	2.46E-04	2.37E-03	2.27E-04	2.35E-03	2.24E-04	2.36E-03	2.25E-04	2.36E-03	2.24E-04	8.76E-01	4.96E-02	1.73E+00	1.58E-01
3236 Gridded	2.48E-03	2.39E-04	2.47E-03	2.38E-04	2.64E-03	2.62E-04	2.64E-03	2.62E-04	3.80E-04	3.27E-05	2.47E-03	2.38E-04	3.52E-03	3.36E-04	3.52E-03	3.36E-04	2.48E-03	2.39E-04	2.64E-03	2.62E-04	2.50E-03	2.42E-04	2.47E-03	2.39E-04	2.49E-03	2.41E-04	2.48E-03	2.39E-04	1.01E+00	5.80E-02	1.98E+00	1.71E-01
3237 Gridded	2.57E-03	2.54E-04	2.55E-03	2.52E-04	2.76E-03	2.77E-04	2.76E-03	2.77E-04	8.79E-04	1.09E-04	2.56E-03	2.52E-04	4.04E-03	5.03E-04	4.04E-03	5.03E-04	2.57E-03	2.54E-04	2.76E-03	2.77E-04	2.59E-03	2.56E-04	2.56E-03	2.53E-04	2.58E-03	2.55E-04	2.57E-03	2.54E-04	1.10E+00	6.37E-02	2.19E+00	1.83E-01
3238 Gridded	2.63E-03	2.67E-04	2.63E-03	2.65E-04	2.87E-03	2.91E-04	2.87E-03	2.91E-04	1.35E-03	1.44E-04	2.63E-03	2.65E-04	6.20E-03	6.62E-04	6.20E-03	6.62E-04	2.63E-03	2.67E-04	2.87E-03	2.91E-04	2.64E-03	2.70E-04	2.63E-03	2.66E-04	2.63E-03	2.68E-04	2.63E-03	2.67E-04	1.13E+00	1.11E-01	2.28E+00	1.93E-01
3239 Gridded	2.63E-03	2.77E-04	2.60E-03	2.76E-04	3.00E-03	3.03E-04	3.00E-03	3.03E-04	7.81E-04	9.53E-05	2.61E-03	2.76E-04	4.23E-03	4.47E-04	4.23E-03	4.47E-04	2.63E-03	2.77E-04	3.00E-03	3.03E-04	2.67E-03	2.81E-04	2.62E-03	2.77E-04	2.65E-03	2.79E-04	2.63E-03	2.78E-04	1.09E+00	1.34E-01	2.24E+00	2.17E-01
3240 Gridded	2.71E-03	2.86E-04	2.68E-03	2.84E-04	3.22E-03	3.12E-04	3.22E-03	3.12E-04	9.07E-04	8.86E-05	2.68E-03	2.85E-04	4.87E-03	5.31E-04	4.87E-03	5.31E-04	2.71E-03	2.86E-04	3.22E-03	3.12E-04	2.77E-03	2.89E-04	2.70E-03	2.85E-04	2.74E-03	2.87E-04	2.72E-03	2.86E-04	1.02E+00	1.39E-01	2.60E+00	2.30E-01
3241 Gridded	3.40E-03	3.31E-04	3.38E-03	3.26E-04	3.85E-03	4.16E-04	3.85E-03	4.16E-04	8.90E-04	7.99E-05	3.38E-03	3.27E-04	5.83E-03	6.92E-04	5.83E-03	6.92E-04	3.40E-03	3.32E-04	3.85E-03	4.16E-04	3.45E-03	3.42E-04	3.39E-03	3.30E-04	3.42E-03	3.36E-04	3.40E-03	3.32E-04	1.19E+00	1.57E-01	2.77E+00	2.70E-01
3242 Gridded	4.61E-03	4.47E-04	4.56E-03	4.42E-04	5.40E-03	5.34E-04	5.40E-03	5.34E-04	8.70E-04	8.12E-05	4.57E-03	4.42E-04	7.96E-03	8.13E-04	7.96E-03	8.13E-04	4.62E-03	4.48E-04	5.40E-03	5.34E-04	4.71E-03	4.58E-04	4.60E-03	4.45E-04	4.66E-03	4.52E-04	4.62E-03	4.48E-04	1.34E+00	1.57E-01	2.85E+00	2.97E-01
3243 Gridded	7.92E-03	5.28E-04	7.86E-03	5.21E-04	8.84E-03	6.24E-04	8.84E-03	6.24E-04	1.06E-03	9.04E-05	7.87E-03	5.22E-04	1.18E-02	9.36E-04	1.18E-02	9.36E-04	7.93E-03	5.28E-04	8.84E-03	6.24E-04	8.04E-03	5.40E-04	7.90E-03	5.26E-04	7.98E-03	5.33E-04	7.93E-03	5.29E-04	1.28E+00	1.61E-01	4.40E+00	3.55E-01
3244 Gridded	1.19E-02	5.94E-04	1.19E-02	5.88E-04	1.29E-02	6.83E-04	1.29E-02	6.83E-04	1.13E-03	9.44E-05	1.19E-02	5.89E-04	1.61E-02	1.01E-03	1.61E-02	1.01E-03	1.19E-02	5.94E-04	1.29E-02	6.83E-04	1.21E-02	6.05E-04	1.19E-02	5.92E-04	1.20E-02	5.99E-04	1.19E-02	5.95E-04	1.06E+00	1.61E-01	6.60E+00	3.94E-01
3245 Gridded	1.49E-02	6.86E-04	1.48E-02	6.80E-04	1.59E-02	7.79E-04	1.59E-02	7.79E-04	1.08E-03	9.16E-05	1.48E-02	6.81E-04	1.91E-02	1.08E-03	1.91E-02	1.08E-03	1.49E-02	6.86E-04	1.59E-02	7.79E-04	1.50E-02	6.97E-04	1.49E-02	6.84E-04	1.49E-02	6.91E-04	1.49E-02	6.87E-04	9.11E-01	1.55E-01	8.25E+00	4.54E-01
3246 Gridded	1.69E-02	8.41E-04	1.68E-02	8.34E-04	1.78E-02	9.38E-04	1.78E-02	9.38E-04	1.00E-03	9.18E-05	1.68E-02	8.35E-04	2.08E-02	1.25E-03	2.08E-02	1.25E-03	1.69E-02	8.41E-04	1.78E-02	9.38E-04	1.70E-02	8.53E-04	1.69E-02	8.39E-04	1.69E-02	8.47E-04	1.69E-02	8.42E-04	9.56E-01	1.50E-01	9.38E+00	5.43E-01
3247 Gridded	1.85E-02	9.83E-04	1.84E-02	9.76E-04	1.94E-02	1.09E-03	1.94E-02	1.09E-03	9.43E-04	1.00E-04	1.85E-02	9.77E-04	2.23E-02	1.42E-03	2.23E-02	1.42E-03	1.85E-02	9.83E-04	1.94E-02	1.09E-03	1.86E-02	9.95E-04	1.85E-02	9.80E-04	1.86E-02	9.89E-04	1.85E-02	9.84E-04	9.48E-01	1.57E-01	1.03E+01	6.23E-01
3248 Gridded	1.89E-02	1.14E-03	1.88E-02	1.14E-03	1.97E-02	1.25E-03	1.97E-02	1.25E-03	8.88E-04	1.05E-04	1.88E-02	1.14E-03	2.24E-02	1.59E-03	2.24E-02	1.59E-03	1.89E-02	1.14E-03	1.97E-02	1.25E-03	1.90E-02	1.16E-03	1.88E-02	1.14E-03	1.89E-02	1.15E-03	1.89E-02	1.14E-03	9.17E-01	1.68E-01	1.04E+01	7.12E-01
3249 Gridded	1.82E-02	1.26E-03	1.81E-02	1.25E-03	1.89E-02	1.36E-03	1.89E-02	1.36E-03	8.60E-04	1.06E-04	1.81E-02	1.25E-03	2.14E-02	1.70E-03	2.14E-02	1.70E-03	1.82E-02	1.26E-03	1.89E-02	1.36E-03	1.82E-02	1.27E-03	1.81E-02	1.26E-03	1.82E-02	1.26E-03	1.82E-02	1.26E-03	8.81E-01	1.70E-01	1.01E+01	7.75E-01
3250 Gridded	1.69E-02	1.31E-03	1.69E-02	1.30E-03	1.76E-02	1.41E-03	1.76E-02	1.41E-03	8.22E-04	1.05E-04	1.69E-02	1.31E-03	1.99E-02	1.74E-03	1.99E-02	1.74E-03	1.69E-02	1.31E-03	1.76E-02	1.41E-03	1.70E-02	1.32E-03	1.69E-02	1.31E-03	1.69E-02	1.32E-03	1.69E-02	1.31E-03	9.62E-01	1.65E-01	9.42E+00	8.01E-01
3251 Gridded	6.69E-03	1.86E-03	6.66E-03	1.85E-03	7.14E-03	2.01E-03	7.14E-03	2.01E-03	5.67E-04	1.58E-04	6.67E-03	1.85E-03	8.57E-03	2.55E-03	8.57E-03	2.55E-03	6.69E-03	1.86E-03	7.14E-03	2.01E-03	6.75E-03	1.88E-03	6.68E-03	1.85E-03	6.72E-03	1.87E-03	6.70E-03	1.86E-03	6.43E-01	2.14E-01	3.88E+00	1.15E+00
3252 Gridded	6.94E-03	1.85E-03	6.91E-03	1.84E-03	7.41E-03	2.01E-03	7.41E-03	2.01E-03	5.80E-04	1.57E-04	6.91E-03	1.84E-03	8.94E-03	2.53E-03	8.94E-03	2.53E-03	6.94E-03	1.85E-03	7.41E-03	2.01E-03	7.00E-03	1.87E-03	6.93E-03	1.85E-03	6.97E-03	1.86E-03	6.95E-03	1.85E-03	6.60E-01	2.23E-01	4.05E+00	1.14E+00
3253 Gridded	7.22E-03	1.82E-03	7.18E-03	1.80E-03	7.71E-03	1.97E-03	7.71E-03	1.97E-03	5.91E-04	1.56E-04	7.19E-03	1.81E-03	9.29E-03	2.48E-03	9.29E-03	2.48E-03	7.22E-03	1.82E-03	7.71E-03	1.97E-03	7.28E-03	1.83E-03	7.21E-03	1.81E-03	7.25E-03	1.82E-03	7.22E-03	1.82E-03	6.62E-01	2.28E-01	4.22E+00	1.12E+00
3254 Gridded	7.36E-03	1.75E-03	7.33E-03	1.74E-03	7.87E-03	1.90E-03	7.87E-03	1.90E-03	5.91E-04	1.51E-04	7.34E-03	1.74E-03	9.53E-03	2.39E-03	9.53E-03	2.39E-03	7.37E-03	1.75E-03	7.87E-03	1.90E-03	7.43E-03	1.77E-03	7.35E-03	1.75E-03	7.39E-03	1.76E-03	7.37E-03	1.75E-03	6.78E-01	2.34E-01	4.33E+00	1.08E+00
3255 Gridded	7.25E-03	1.67E-03	7.22E-03	1.66E-03	7.79E-03	1.82E-03	7.79E-03	1.82E-03	5.68E-04	1.44E-04	7.22E-03	1.66E-03	9.51E-03	2.31E-03	9.51E-03	2.31E-03	7.25E-03	1.67E-03	7.79E-03	1.82E-03	7.32E-03	1.69E-03	7.24E-03	1.66E-03	7.28E-03	1.68E-03	7.26E-03	1.67E-03	6.64E-01	2.40E-01	4.33E+00	1.03E+00
3256 Gridded	7.11E-03	1.59E-03	7.07E-03	1.59E-03	7.64E-03	1.74E-03	7.64E-03	1.74E-03	5.40E-04	1.40E-04	7.08E-03	1.59E-03	9.36E-03	2.23E-03	9.36E-03	2.23E-03	7.11E-03	1.60E-03	7.64E-03	1.74E-03	7.18E-03	1.61E-03	7.10E-03	1.59E-03	7.14E-03	1.60E-03	7.12E-03	1.60E-03	6.29E-01	2.41E-01	4.27E+00	9.92E-01
3257 Gridded	6.69E-03	1.49E-03	6.66E-03	1.48E-03	7.19E-03	1.64E-03	7.19E-03	1.64E-03	5.24E-04	1.35E-04	6.67E-03	1.49E-03	8.78E-03	2.10E-03	8.78E-03	2.10E-03	6.70E-03	1.49E-03	7.19E-03	1.64E-03	6.76E-03	1.51E-03	6.68E-03	1.49E-03	6.72E-03	1.50E-03	6.70E-03	1.50E-03	6.81E-01	2.51E-01	4.11E+00	9.40E-01
3258 Gridded	6.74E-03	1.36E-03	6.71E-03	1.35E-03	7.27E-03	1.49E-03	7.27E-03	1.49E-03	5.00E-04	1.24E-04	6.71E-03	1.35E-03	9.00E-03	1.92E-03	9.00E-03	1.92E-03	6.74E-03	1.36E-03	7.27E-03	1.49E-03	6.81E-03	1.38E-03	6.73E-03	1.36E-03	6.77E-03	1.37E-03	6.75E-03	1.36E-03	7.17E-01	2.64E-01	3.98E+00	8.66E-01
3259 Gridded	6.60E-03	1.20E-03	6.56E-03	1.20E-03	7.12E-03	1.32E-03	7.12E-03	1.32E-03	4.97E-04	1.08E-04	6.57E-03	1.20E-03	8.84E-03	1.69E-03	8.84E-03	1.69E-03	6.60E-03	1.20E-03	7.12E-03	1.32E-03	6.66E-03	1.22E-03	6.58E-03	1.20E-03	6.63E-03	1.21E-03	6.60E-03	1.21E-03	7.59E-01	2.78E-01	3.93E+00	7.76E-01
3260 Gridded	6.15E-03	1.01E-03	6.12E-03	1.00E-03	6.71E-03	1.12E-03	6.71E-03	1.12E-03	5.23E-04	1.05E-04	6.12E-03	1.00E-03	8.51E-03	1.48E-03	8.51E-03	1.48E-03	6.16E-03	1.01E-03	6.71E-03	1.12E-03	6.22E-03	1.02E-03	6.14E-03	1.00E-03	6.19E-03	1.01E-03	6.16E-03	1.01E-03	7.71E-01	2.80E-01	3.72E+00	6.53E-01
3261 Gridded	5.77E-03	8.70E-04	5.73E-03	8.64E-04	6.35E-03	9.76E-04	6.35E-03	9.76E-04	5.43E-04	1.05E-04	5.74E-03	8.65E-04	8.22E-03	1.34E-03	8.22E-03	1.34E-03	5.77E-03	8.70E-04	6.35E-03	9.76E-04	5.84E-03	8.82E-04	5.76E-03	8.68E-04	5.80E-03	8.76E-04	5.78E-03	8.71E-04	7.45E-01	2.69E-01	3.48E+00	5.48E-01
3262 Gridded	5.03E-03	7.05E-04	5.00E-03	6.98E-04	5.57E-03	8.03E-04	5.57E-03	8.03E-04	5.46E-04	1.03E-04	5.00E-03	6.99E-04	7.33E-03	1.13E-03	7.33E-03	1.13E-03	5.03E-03	7.05E-04	5.57E-03	8.03E-04	5.10E-03	7.17E-04	5.02E-03	7.03E-04	5.06E-03	7.11E-04	5.04E-03	7.06E-04	7.63E-01	2.54E-01	2.92E+00	4.15E-01
3263 Gridded	4.29E-03	5.51E-04	4.25E-03	5.45E-04	4.84E-03	6.44E-04	4.84E-03	6.44E-04	5.28E-04	9.08E-05	4.26E-03	5.46E-04	6.63E-03	9.43E-04	6.63E-03	9.43E-04	4.29E-03	5.52E-04	4.84E-03	6.44E-04	4.35E-03	5.63E-04	4.27E-03	5.49E-04	4.32E-03	5.57E-04	4.29E-03	5.52E-04	7.90E-01	2.29E-01	2.38E+00	3.06E-01
3264 Gridded	3.45E-03	4.08E-04	3.43E-03	4.05E-04	3.70E-03	4.52E-04	3.70E-03	4.52E-04	3.23E-04	4.11E-05	3.44E-03	4.05E-04	4.53E-03	5.93E-04	4.53E-03	5.93E-04	3.45E-03	4.08E-04	3.70E-03	4.52E-04	3.48E-03	4.13E-04	3.45E-03	4.07E-04	3.47E-03	4.10E-04	3.45E-03	4.08E-04	7.12E-01	1.51E-01	1.88E+00	2.22E-01
3265 Gridded	2.36E-03	2.15E-04	2.36E-03	2.14E-04	2.59E-03	2.36E-04	2.59E-03	2.36E-04	3.25E-04	2.20E-05	2.36E-03	2.14E-04	3.56E-03	3.02E-04	3.56E-03	3.02E-04	2.36E-03	2.15E-04	2.59E-03	2.36E-04	2.36E-03	2.18E-04	2.36E-03	2.15E-04	2.36E-03	2.17E-04	2.36E-03	2.16E-04	7.91E-01	4.88E-02	1.69E+00	1.47E-01
3266 Gridded	2.39E-03	2.30E-04	2.37E-03	2.28E-04	2.69E-03	2.52E-04	2.69E-03	2.52E-04	3.48E-04	2.56E-05	2.38E-03	2.29E-04	3.65E-03	3.22E-04	3.65E-03	3.22E-04	2.39E-03	2.30E-04	2.69E-03	2.52E-04	2.43E-03	2.33E-04	2.39E-03	2.29E-04	2.41E-03	2.31E-04	2.40E-03	2.30E-04	9.41E-01	5.09E-02	1.77E+00	1.57E-01
3267 Gridded	2.44E-03	2.45E-04	2.42E-03	2.43E-04	2.73E-03	2.68E-04	2.73E-03	2.68E-04	3.87E-04	2.94E-05	2.42E-03	2.43E-04	3.65E-03	3.42E-04	3.65E-03	3.42E-04	2.44E-03	2.45E-04	2.73E-03	2.68E-04	2.48E-03	2.48E-04	2.43E-03	2.44E-04	2.46E-03	2.46E-04	2.44E-03	2.45E-04	1.08E+00	5.79E-02	1.99E+00	1.69E-01
3268 Gridded	2.44E-03	2.60E-04	2.42E-03	2.58E-04	2.70E-03	2.84E-04	2.70E-03	2.84E-04	4.18E-04	3.06E-05	2.42E-03	2.58E-04	3.56E-03	3.62E-04	3.56E-03	3.62E-04	2.44E-03	2.60E-04	2.70E-03	2.84E-04	2.47E-03	2.63E-04	2.43E-03	2.59E-04	2.45E-03	2.61E-04	2.44E-03	2.60E-04	1.17E+00	6.33E-02	2.20E+00	1.80E-01
3269 Gridded	2.37E-03	2.72E-04	2.36E-03	2.71E-04	2.62E-03	2.97E-04	2.62E-03	2.97E-04	1.89E-03	1.35E-04	2.36E-03	2.71E-04	8.70E-03	6.19E-04	8.70E-03	6.19E-04	2.37E-03	2.72E-04	2.62E-03	2.97E-04	2.40E-03	2.75E-04	2.37E-03	2.72E-04	2.39E-03	2.74E-04	2.38E-03	2.73E-04	1.20E+00	9.52E-02	2.29E+00	1.90E-01
3270 Gridded	2.48E-03	2.83E-04	2.47E-03	2.81E-04	2.71E-03	3.09E-04	2.71E-03	3.09E-04	2.01E-03	1.67E-04	2.47E-03	2.82E-04	9.25E-03	7.71E-04	9.25E-03	7.71E-04	2.49E-03	2.83E-04	2.71E-03	3.09E-04	2.51E-03	2.86E-04	2.48E-03	2.82E-04	2.50E-03	2.85E-04	2.49E-03	2.83E-04	1.16E+00	1.99E-01	2.26E+00	1.98E-01
3271 Gridded	2.57E-03	2.91E-04	2.56E-03	2.90E-04	2.79E-03	3.17E-04	2.79E-03	3.17E-04	1.76E-03	1.61E-04	2.56E-03	2.90E-04	8.19E-03	7.50E-04	8.19E-03	7.50E-04	2.58E-03	2.92E-04	2.79E-03	3.17E-04	2.60E-03	2.95E-04	2.57E-03	2.91E-04	2.59E-03	2.93E-04	2.58E-03	2.92E-04	1.66E+00	1.99E-01	4.03E+00	2.22E-01
3272 Gridded	3.16E-03	2.98E-04	3.14E-03	2.96E-04	3.54E-03	3.28E-04	3.54E-03	3.28E-04	1.48E-03	1.44E-04	3.14E-03	2.97E-04	7.52E-03	7.18E-04	7.52E-03	7.18E-04	3.16E-03	2.98E-04	3.54E-03	3.28E-04	3.21E-03	3.01E-04	3.15E-03	2.97E-04	3.18E-03	3.00E-04	3.16E-03	2.98E-04	1.45E+00	1.77E-01	3.30E+00	2.31E-01
3273 Gridded	4.35E-03	3.12E-04	4.32E-03	3.08E-04	4.80E-03	3.63E-04	4.80E-03	3.63E-04	1.21E-03	1.28E-04	4.33E-03	3.09E-04	7.48E-03	7.24E-04	7.48E-03	7.24E-04	4.36E-03	3.12E-04	4.80E-03	3.63E-04	4.41E-03	3.18E-04	4.34E-03	3.11E-04	4.38E-03	3.15E-04	4.36E-03	3.12E-04	1.52E+00	1.76E-01	3.07E+00	2.83E-01
3274 Gridded	6.79E-03	4.00E-04	6.76E-03	3.96E-04	7.31E-03	4.54E-04	7.31E-03	4.54E-04	1.10E-03	1.17E-04	6.76E-03	3.97E-04	8.97E-03	7.79E-04	8.97E-03	7.79E-04	6.79E-03	4.00E-04	7.31E-03	4.54E-04	6.86E-03	4.06E-04	6.78E-03	3.98E-04	6.82E-03	4.03E-04	6.80E-03	4.00E-04	1.43E+00	1.89E-01	3.68E+00	3.75E-01
3275 Gridded	9.50E-03	4.88E-04	9.46E-03	4.84E-04	1.01E-02	5.52E-04	1.01E-02	5.52E-04	1.12E-03	1.09E-04	9.47E-03	4.84E-04	1.19E-02	8.58E-04	1.19E-02	8.58E-04	9.50E-03	4.88E-04	1.01E-02	5.52E-04	9.57E-03	4.96E-04	9.49E-03	4.86E-04	9.53E-03	4.92E-04	9.50E-03	4.89E-04	1.15E+00	1.90E-01	5.16E+00	4.13E-01
3276 Gridded	1.12E-02	5.59E-04	1.11E-02	5.54E-04	1.17E-02	6.54E-04	1.17E-02	6.54E-04	1.08E-03	1.01E-04	1.11E-02	5.55E-04	1.35E-02	9.91E-04	1.35E-02	9.91E-04	1.12E-02	5.59E-04	1.17E-02	6.54E-04	1.12E-02	5.67E-04	1.12E-02	5.57E-04	1.12E-02	5.63E-04	1.12E-02	5.60E-04	1.22E+00	1.86E-01	6.09E+00	4.28E-01
3277 Gridded	1.17E-02	6.85E-04	1.16E-02	6.77E-04	1.22E-02	7.94E-04	1.22E-02	7.94E-04	1.04E-03	1.03E-04	1.16E-02	6.79E-04	1.39E-02	1.15E-03	1.39E-02	1.15E-03	1.17E-02	6.85E-04	1.22E-02	7.94E-04	1.17E-02	6.98E-04	1.16E-02	6.82E-04	1.17E-02	6.91E-04	1.17E-02	6.86E-04	1.27E+00	1.76E-01	6.39E+00	5.12E-01
3278 Gridded	1.22E-02	8.11E-04	1.21E-02	8.03E-04	1.27E-02	9.31E-04	1.27E-02	9.31E-04	1.07E-03	1.12E-04	1.21E-02	8.05E-04	1.43E-02	1.32E-03	1.43E-02	1.32E-03	1.22E-02	8.12E-04	1.27E-02	9.31E-04	1.22E-02	8.26E-04	1.21E-02	8.09E-04	1.22E-02	8.18E-04	1.22E-02	8.13E-04	1.25E+00	1.69E-01	6.68E+00	5.94E-01
3279 Gridded	1.21E-02	9.26E-04	1.21E-02	9.17E-04	1.26E-02	1.05E-03	1.26E-02	1.05E-03	1.11E-03	1.17E-04	1.21E-02	9.19E-04	1.41E-02	1.46E-03	1.41E-02	1.46E-03	1.21E-02	9.26E-04	1.26E-02	1.05E-03	1.22E-02	9.41E-04	1.21E-02	9.23E-04	1.21E-02	9.33E-04	1.21E-02	9.27E-04	1.18E+00	1.59E-01	6.67E+00	6.65E-01
3280 Gridded	1.18E-02	1.03E-03	1.18E-02	1.02E-03	1.25E-02	1.16E-03	1.25E-02	1.16E-03	1.11E-03	1.19E-04	1.18E-02	1.02E-03	1.47E-02	1.57E-03	1.47E-02	1.57E-03	1.18E-02	1.03E-03	1.25E-02	1.16E-03	1.19E-02	1.05E-03	1.18E-02	1.03E-03	1.18E-02	1.04E-03	1.18E-02	1.03E-03	1.08E+00	1.49E-01	6.44E+00	7.26E-01
3281 Gridded	1.31E-02	1.10E-03	1.30E-02	1.09E-03	1.38E-02	1.23E-03	1.38E-02	1.23E-03	1.09E-03	1.19E-04	1.30E-02	1.10E-03	1.60E-02	1.64E-03	1.60E-02	1.64E-03	1.31E-02	1.10E-03	1.38E-02	1.23E-03	1.32E-02	1.12E-03	1.31E-02	1.10E-03	1.31E-02	1.11E-03	1.31E-02	1.10E-03	1.01E+00	1.38E-01	7.13E+00	7.65E-01
3282 Gridded	6.91E-03	2.20E-03	6.86E-03	2.19E-03	7.63E-03	2.38E-03	7.63E-03	2.38E-03	6.77E-04	1.91E-04	6.87E-03	2.19E-03	9.97E-03	2.96E-03	9.97E-03	2.96E-03	6.91E-03	2.20E-03	7.63E-03	2.38E-03	7.00E-03	2.22E-03	6.90E-03	2.19E-03	6.95E-03	2.21E-03	6.92E-03	2.20E-03	6.54E-01	1.81E-01	4.07E+00	1.34E+00
3283 Gridded	7.20E-03	2.20E-03	7.17E-03	2.19E-03	7.68E-03	2.38E-03	7.68E-03	2.38E-03	6.89E-04	1.90E-04	7.18E-03	2.19E-03	9.99E-03	2.96E-03	9.99E-03	2.96E-03	7.21E-03	2.20E-03	7.68E-03	2.38E-03	7.26E-03	2.22E-03	7.19E-03	2.19E-03	7.23E-03	2.21E-03	7.21E-03	2.20E-03	6.59E-01	1.89E-01	4.14E+00	1.35E+00
3284 Gridded	7.58E-03	2.15E-03	7.54E-03	2.14E-03	8.08E-03	2.33E-03	8.08E-03	2.33E-03	6.96E-04	1.88E-04	7.55E-03	2.14E-03	9.81E-03	2.90E-03	9.81E-03	2.90E-03	7.58E-03	2.15E-03	8.08E-03	2.33E-03	7.64E-03	2.17E-03	7.57E-03	2.15E-03	7.61E-03	2.16E-03	7.58E-03	2.15E-03	6.60E-01	1.92E-01	4.36E+00	1.32E+00
3285 Gridded	7.82E-03	2.07E-03	7.78E-03	2.06E-03	8.34E-03	2.24E-03	8.34E-03	2.24E-03	6.99E-04	1.84E-04	7.79E-03	2.06E-03	1.00E-02	2.80E-03	1.00E-02	2.80E-03	7.82E-03	2.07E-03	8.34E-03	2.24E-03	7.88E-03	2.09E-03	7.80E-03	2.07E-03	7.85E-03	2.08E-03	7.82E-03	2.07E-03	6.70E-01	1.99E-01	4.51E+00	1.28E+00
3286 Gridded	7.78E-03	1.97E-03	7.74E-03	1.96E-03	8.33E-03	2.13E-03	8.33E-03	2.13E-03	6.81E-04	1.79E-04	7.75E-03	1.96E-03	1.01E-02	2.66E-03	1.01E-02	2.66E-03	7.78E-03	1.97E-03	8.33E-03	2.13E-03	7.85E-03	1.99E-03	7.77E-03	1.97E-03	7.81E-03	1.98E-03	7.79E-03	1.97E-03	6.70E-01	2.10E-01	4.52E+00	1.22E+00
3287 Gridded	7.60E-03	1.81E-03	7.56E-03	1.80E-03	8.15E-03	1.96E-03	8.15E-03	1.96E-03	6.63E-04	1.73E-04	7.57E-03	1.80E-03	9.95E-03	2.46E-03	9.95E-03	2.46E-03	7.60E-03	1.81E-03	8.15E-03	1.96E-03	7.67E-03	1.82E-03	7.59E-03	1.80E-03	7.63E-03	1.81E-03	7.60E-03	1.81E-03	6.91E-01	2.20E-01	4.47E+00	1.13E+00
3288 Gridded	7.11E-03	1.57E-03	7.08E-03	1.56E-03	7.63E-03	1.71E-03	7.63E-03	1.71E-03	6.37E-04	1.72E-04	7.08E-03	1.57E-03	9.29E-03	2.23E-03	9.29E-03	2.23E-03	7.11E-03	1.57E-03	7.63E-03	1.71E-03	7.18E-03	1.59E-03	7.10E-03	1.57E-03	7.14E-03	1.58E-03	7.12E-03	1.58E-03	7.37E-01	2.28E-01	4.24E+00	9.90E-01
3289 Gridded	6.69E-03	1.41E-03	6.66E-03	1.40E-03	7.18E-03	1.53E-03	7.18E-03	1.53E-03	5.85E-04	1.63E-04	6.66E-03	1.40E-03	8.78E-03	1.99E-03	8.78E-03	1.99E-03	6.69E-03	1.41E-03	7.18E-03	1.53E-03	6.75E-03	1.42E-03	6.68E-03	1.41E-03	6.72E-03	1.42E-03	6.70E-03	1.41E-03	7.52E-01	2.30E-01	3.90E+00	8.58E-01
3290 Gridded	6.56E-03	1.26E-03	6.53E-03	1.26E-03	7.03E-03	1.37E-03	7.03E-03	1.37E-03	4.85E-04	1.39E-04	6.53E-03	1.26E-03	8.55E-03	1.73E-03	8.55E-03	1.73E-03	6.56E-03	1.26E-03	7.03E-03	1.37E-03	6.62E-03	1.28E-03	6.55E-03	1.26E-03	6.59E-03	1.27E-03	6.56E-03	1.26E-03	7.59E-01	2.35E-01	3.75E+00	7.52E-01
3291 Gridded	6.22E-03	1.08E-03	6.19E-03	1.08E-03	6.70E-03	1.18E-03	6.70E-03	1.18E-03	4.93E-04	1.26E-04	6.19E-03	1.08E-03	8.27E-03	1.52E-03	8.27E-03	1.52E-03	6.22E-03	1.08E-03	6.70E-03	1.18E-03	6.28E-03	1.09E-03	6.21E-03	1.08E-03	6.25E-03	1.09E-03	6.23E-03	1.08E-03	7.84E-01	2.40E-01	3.54E+00	6.22E-01
3292 Gridded	5.96E-03	9.62E-04	5.93E-03	9.56E-04	6.45E-03	1.06E-03	6.45E-03	1.06E-03	5.15E-04	1.29E-04	5.93E-03	9.57E-04	8.04E-03	1.39E-03	8.04E-03	1.39E-03	5.96E-03	9.62E-04	6.45E-03	1.06E-03	6.02E-03	9.74E-04	5.95E-03	9.60E-04	5.99E-03	9.68E-04	5.97E-03	9.63E-04	7.60E-01	2.25E-01	3.35E+00	5.40E-01
3293 Gridded	5.21E-03	7.87E-04	5.17E-03	7.81E-04	5.69E-03	8.79E-04	5.69E-03	8.79E-04	5.36E-04	1.32E-04	5.18E-03	7.82E-04	7.28E-03	1.22E-03	7.28E-03	1.22E-03	5.21E-03	7.87E-04	5.69E-03	8.79E-04	5.27E-03	7.98E-04	5.20E-03	7.85E-04	5.24E-03	7.92E-04	5.21E-03	7.88E-04	7.01E-01	1.93E-01	2.88E+00	4.33E-01
3294 Gridded	4.49E-03	6.41E-04	4.46E-03	6.36E-04	4.93E-03	7.18E-04	4.93E-03	7.18E-04	5.10E-04	1.17E-04	4.47E-03	6.37E-04	6.37E-03	9.98E-04	6.37E-03	9.98E-04	4.49E-03	6.41E-04	4.93E-03	7.18E-04	4.55E-03	6.51E-04	4.48E-03	6.39E-04	4.52E-03	6.46E-04	4.50E-03	6.42E-04	7.17E-01	1.65E-01	2.46E+00	3.49E-01
3295 Gridded	3.66E-03	4.85E-04	3.65E-03	4.84E-04	3.82E-03	5.11E-04	3.82E-03	5.11E-04	3.17E-04	3.92E-05	3.65E-03	4.84E-04	4.34E-03	5.94E-04	4.34E-03	5.94E-04	3.66E-03	4.86E-04	3.82E-03	5.11E-04	3.68E-03	4.89E-04	3.66E-03	4.85E-04	3.67E-03	4.87E-04	3.66E-03	4.86E-04	7.11E-01	1.24E-01	1.98E+00	2.62E-01
3296 Gridded	2.37E-03	2.28E-04	2.37E-03	2.28E-04	2.65E-03	2.39E-04	2.65E-03	2.39E-04	3.25E-04	2.24E-05	2.37E-03	2.28E-04	3.65E-03	3.05E-04	3.65E-03	3.05E-04	2.37E-03	2.28E-04	2.65E-03	2.39E-04	2.39E-03	2.29E-04	2.37E-03	2.28E-04	2.37E-03	2.28E-04	2.37E-03	2.28E-04	8.10E-01	1.02E-01	1.70E+00	1.44E-01
3297 Gridded	2.45E-03	2.33E-04	2.43E-03	2.32E-04	2.75E-03	2.54E-04	2.75E-03	2.54E-04	3.46E-04	2.58E-05	2.43E-03	2.32E-04	3.74E-03	3.23E-04	3.74E-03	3.23E-04	2.45E-03	2.33E-04	2.75E-03	2.54E-04	2.49E-03	2.36E-04	2.44E-03	2.33E-04	2.47E-03	2.35E-04	2.45E-03	2.34E-04	9.63E-01	5.91E-02	1.77E+00	1.55E-01
3298 Gridded	2.49E-03	2.48E-04	2.47E-03	2.47E-04	2.78E-03	2.72E-04	2.78E-03	2.72E-04	3.80E-04	2.88E-05	2.47E-03	2.47E-04	3.72E-03	3.46E-04	3.72E-03	3.46E-04	2.49E-03	2.48E-04	2.78E-03	2.72E-04	2.52E-03	2.51E-04	2.48E-03	2.48E-04	2.51E-03	2.50E-04	2.49E-03	2.49E-04	1.10E+00	5.84E-02	1.92E+00	1.66E-01
3299 Gridded	2.47E-03	2.63E-04	2.45E-03	2.61E-04	2.74E-03	2.88E-04	2.74E-03	2.88E-04	6.48E-04	7.96E-05	2.45E-03	2.62E-04	3.61E-03	3.70E-04	3.61E-03	3.70E-04	2.47E-03	2.63E-04	2.74E-03	2.88E-04	2.50E-03	2.66E-04	2.46E-03	2.62E-04	2.48E-03	2.64E-04	2.47E-03	2.63E-04	1.19E+00	6.34E-02	2.11E+00	1.76E-01
3300 Gridded	2.39E-03	2.76E-04	2.37E-03	2.74E-04	3.03E-03	4.92E-04	3.03E-03	4.92E-04	2.64E-03	4.28E-04	2.38E-03	2.74E-04	1.21E-02	1.97E-03	1.21E-02	1.97E-03	2.39E-03	2.76E-04	3.03E-03	4.92E-04	2.42E-03	2.79E-04	2.38E-03	2.75E-04	2.40E-03	2.77E-04	2.39E-03	2.76E-04	1.21E+00	6.93E-02	2.19E+00	1.85E-01
3301 Gridded	2.52E-03	2.88E-04	2.50E-03	2.87E-04	3.02E-03	4.69E-04	3.02E-03	4.69E-04	2.62E-03	4.06E-04	2.51E-03	2.87E-04	1.20E-02	1.87E-03	1.20E-02	1.87E-03	2.52E-03	2.88E-04	3.02E-03	4.69E-04	2.54E-03	2.92E-04	2.51E-03	2.88E-04	2.53E-03	2.90E-04	2.52E-03	2.89E-04	1.18E+00	1.43E-01	2.18E+00	1.95E-01
3302 Gridded	2.61E-03	2.99E-04	2.60E-03	2.98E-04	2.84E-03	4.32E-04	2.84E-03	4.32E-04	2.15E-03	3.29E-04	2.60E-03	2.98E-04	1.03E-02	1.57E-03	1.03E-02	1.57E-03	2.61E-03	2.99E-04	2.84E-03	4.32E-04	2.64E-03	3.03E-04	2.61E-03	2.99E-04	2.62E-03	3.01E-04	2.61E-03	3.00E-04	1.70E+00	1.82E-01	3.91E+00	2.03E-01

3303 Gridded	2.66E-03	3.06E-04	2.65E-03	3.04E-04	3.31E-03	4.96E-04	3.31E-03	4.96E-04	1.75E-03	2.59E-04	2.65E-03	3.04E-04	9.33E-03	1.39E-03	9.33E-03	1.39E-03	2.66E-03	3.06E-04	3.31E-03	4.96E-04	2.69E-03	3.09E-04	2.66E-03	3.05E-04	2.67E-03	3.07E-04	2.66E-03	3.06E-04	1.33E+00	1.90E-01	2.68E+00	2.13E-01
3304 Gridded	3.00E-03	3.79E-04	2.91E-03	3.65E-04	4.39E-03	5.99E-04	4.39E-03	5.99E-04	1.42E-03	2.06E-04	2.92E-03	3.67E-04	8.91E-03	1.31E-03	8.91E-03	1.31E-03	3.00E-03	3.80E-04	4.39E-03	5.99E-04	3.17E-03	4.07E-04	2.97E-03	3.75E-04	3.08E-03	3.92E-04	3.01E-03	3.82E-04	1.36E+00	1.83E-01	2.53E+00	2.66E-01
3305 Gridded	4.18E-03	5.23E-04	4.10E-03	5.11E-04	5.42E-03	7.08E-04	5.42E-03	7.08E-04	1.19E-03	1.74E-04	4.12E-03	5.13E-04	9.44E-03	1.31E-03	9.44E-03	1.31E-03	4.19E-03	5.24E-04	5.42E-03	7.08E-04	4.34E-03	5.46E-04	4.16E-03	5.19E-04	4.26E-03	5.34E-04	4.20E-03	5.25E-04	1.25E+00	1.66E-01	2.35E+00	3.99E-01
3306 Gridded	5.00E-03	6.05E-04	4.93E-03	5.94E-04	6.12E-03	7.67E-04	6.12E-03	7.67E-04	1.08E-03	1.52E-04	4.94E-03	5.96E-04	9.76E-03	1.29E-03	9.76E-03	1.29E-03	5.00E-03	6.06E-04	6.12E-03	7.67E-04	5.14E-03	6.25E-04	4.98E-03	6.02E-04	5.07E-03	6.15E-04	5.01E-03	6.07E-04	1.17E+00	1.54E-01	2.73E+00	4.82E-01
3307 Gridded	5.77E-03	6.60E-04	5.76E-03	6.51E-04	6.38E-03	8.02E-04	6.38E-03	8.02E-04	1.06E-03	1.34E-04	5.76E-03	6.52E-04	9.67E-03	1.26E-03	9.67E-03	1.26E-03	5.78E-03	6.61E-04	6.38E-03	8.02E-04	5.81E-03	6.78E-04	5.77E-03	6.57E-04	5.79E-03	6.69E-04	5.78E-03	6.62E-04	1.03E+00	1.67E-01	3.12E+00	5.35E-01
3308 Gridded	5.87E-03	7.27E-04	5.86E-03	7.18E-04	6.75E-03	8.55E-04	6.75E-03	8.55E-04	1.04E-03	1.20E-04	5.86E-03	7.20E-04	9.78E-03	1.27E-03	9.78E-03	1.27E-03	5.87E-03	7.27E-04	6.75E-03	8.55E-04	5.93E-03	7.43E-04	5.87E-03	7.24E-04	5.89E-03	7.34E-04	5.88E-03	7.28E-04	9.35E-01	1.68E-01	3.24E+00	5.79E-01
3309 Gridded	7.10E-03	7.87E-04	7.07E-03	7.79E-04	7.62E-03	9.04E-04	7.62E-03	9.04E-04	1.01E-03	1.10E-04	7.07E-03	7.81E-04	1.01E-02	1.28E-03	1.01E-02	1.28E-03	7.10E-03	7.88E-04	7.62E-03	9.04E-04	7.16E-03	8.02E-04	7.09E-03	7.85E-04	7.13E-03	7.94E-04	7.11E-03	7.89E-04	9.77E-01	1.67E-01	3.93E+00	6.11E-01
3310 Gridded	8.54E-03	8.31E-04	8.50E-03	8.24E-04	9.09E-03	9.48E-04	9.09E-03	9.48E-04	9.93E-04	1.12E-04	8.50E-03	8.25E-04	1.09E-02	1.33E-03	1.09E-02	1.33E-03	8.54E-03	8.31E-04	9.09E-03	9.48E-04	8.61E-03	8.44E-04	8.52E-03	8.28E-04	8.57E-03	8.37E-04	8.54E-03	8.32E-04	9.79E-01	1.64E-01	4.73E+00	6.23E-01
3311 Gridded	9.58E-03	9.48E-04	9.54E-03	9.41E-04	1.02E-02	1.07E-03	1.02E-02	1.07E-03	9.99E-04	1.16E-04	9.54E-03	9.42E-04	1.21E-02	1.45E-03	1.21E-02	1.45E-03	9.58E-03	9.49E-04	1.02E-02	1.07E-03	9.65E-03	9.63E-04	9.56E-03	9.46E-04	9.61E-03	9.55E-04	9.58E-03	9.50E-04	9.40E-01	1.56E-01	5.32E+00	6.47E-01
3312 Gridded	1.03E-02	1.05E-03	1.03E-02	1.04E-03	1.09E-02	1.17E-03	1.09E-02	1.17E-03	9.84E-04	1.17E-04	1.03E-02	1.05E-03	1.28E-02	1.54E-03	1.28E-02	1.54E-03	1.03E-02	1.05E-03	1.09E-02	1.17E-03	1.04E-02	1.07E-03	1.03E-02	1.05E-03	1.03E-02	1.06E-03	1.03E-02	1.05E-03	8.98E-01	1.47E-01	5.75E+00	6.94E-01
3313 Gridded	6.70E-03	2.32E-03	6.66E-03	2.31E-03	7.35E-03	2.53E-03	7.35E-03	2.53E-03	7.15E-04	1.92E-04	6.67E-03	2.31E-03	9.49E-03	3.19E-03	9.49E-03	3.19E-03	6.71E-03	2.32E-03	7.35E-03	2.53E-03	6.78E-03	2.35E-03	6.69E-03	2.32E-03	6.74E-03	2.33E-03	6.71E-03	2.32E-03	6.64E-01	1.44E-01	3.89E+00	1.38E+00
3314 Gridded	6.99E-03	2.31E-03	6.96E-03	2.29E-03	7.44E-03	2.51E-03	7.44E-03	2.51E-03	7.17E-04	1.88E-04	6.96E-03	2.30E-03	9.33E-03	3.15E-03	9.33E-03	3.15E-03	6.99E-03	2.31E-03	7.44E-03	2.51E-03	7.04E-03	2.33E-03	6.98E-03	2.30E-03	7.02E-03	2.32E-03	6.99E-03	2.31E-03	6.50E-01	1.47E-01	3.96E+00	1.37E+00
3315 Gridded	7.37E-03	2.23E-03	7.34E-03	2.22E-03	7.83E-03	2.43E-03	7.83E-03	2.43E-03	7.06E-04	1.92E-04	7.34E-03	2.22E-03	9.33E-03	3.06E-03	9.33E-03	3.06E-03	7.37E-03	2.23E-03	7.83E-03	2.43E-03	7.43E-03	2.26E-03	7.36E-03	2.23E-03	7.40E-03	2.24E-03	7.37E-03	2.24E-03	6.10E-01	1.52E-01	4.18E+00	1.33E+00
3316 Gridded	7.62E-03	2.14E-03	7.58E-03	2.12E-03	8.10E-03	2.33E-03	8.10E-03	2.33E-03	6.83E-04	1.97E-04	7.59E-03	2.13E-03	9.65E-03	2.93E-03	9.65E-03	2.93E-03	7.62E-03	2.14E-03	8.10E-03	2.33E-03	7.68E-03	2.16E-03	7.61E-03	2.13E-03	7.64E-03	2.15E-03	7.62E-03	2.14E-03	6.63E-01	1.65E-01	4.32E+00	1.27E+00
3317 Gridded	7.57E-03	2.03E-03	7.54E-03	2.02E-03	8.07E-03	2.21E-03	8.07E-03	2.21E-03	6.28E-04	1.98E-04	7.54E-03	2.02E-03	9.69E-03	2.83E-03	9.69E-03	2.83E-03	7.57E-03	2.03E-03	8.07E-03	2.21E-03	7.63E-03	2.05E-03	7.56E-03	2.02E-03	7.60E-03	2.04E-03	7.58E-03	2.03E-03	6.98E-01	1.80E-01	4.31E+00	1.22E+00
3318 Gridded	7.39E-03	1.88E-03	7.36E-03	1.87E-03	7.88E-03	2.05E-03	7.88E-03	2.05E-03	6.25E-04	1.96E-04	7.36E-03	1.87E-03	9.48E-03	2.71E-03	9.48E-03	2.71E-03	7.39E-03	1.88E-03	7.88E-03	2.05E-03	7.45E-03	1.90E-03	7.38E-03	1.87E-03	7.42E-03	1.89E-03	7.40E-03	1.88E-03	7.01E-01	1.94E-01	4.22E+00	1.15E+00
3319 Gridded	7.13E-03	1.67E-03	7.09E-03	1.66E-03	7.67E-03	1.85E-03	7.67E-03	1.85E-03	6.39E-04	1.90E-04	7.10E-03	1.66E-03	9.45E-03	2.51E-03	9.45E-03	2.51E-03	7.13E-03	1.67E-03	7.67E-03	1.85E-03	7.19E-03	1.69E-03	7.11E-03	1.67E-03	7.16E-03	1.68E-03	7.13E-03	1.67E-03	7.18E-01	2.04E-01	4.29E+00	1.04E+00
3320 Gridded	7.03E-03	1.46E-03	7.00E-03	1.45E-03	7.55E-03	1.65E-03	7.55E-03	1.65E-03	6.17E-04	1.75E-04	7.00E-03	1.45E-03	9.24E-03	2.25E-03	9.24E-03	2.25E-03	7.03E-03	1.46E-03	7.55E-03	1.65E-03	7.10E-03	1.49E-03	7.02E-03	1.46E-03	7.06E-03	1.47E-03	7.04E-03	1.47E-03	7.39E-01	2.03E-01	4.26E+00	9.24E-01
3321 Gridded	6.53E-03	1.29E-03	6.51E-03	1.28E-03	6.99E-03	1.44E-03	6.99E-03	1.44E-03	5.23E-04	1.44E-04	6.51E-03	1.28E-03	8.45E-03	1.94E-03	8.45E-03	1.94E-03	6.54E-03	1.29E-03	6.99E-03	1.44E-03	6.59E-03	1.31E-03	6.53E-03	1.29E-03	6.56E-03	1.30E-03	6.54E-03	1.29E-03	7.57E-01	1.93E-01	3.98E+00	8.07E-01
3322 Gridded	5.90E-03	1.01E-03	5.87E-03	1.01E-03	6.35E-03	1.13E-03	6.35E-03	1.13E-03	4.37E-04	1.13E-04	5.87E-03	1.01E-03	7.82E-03	1.52E-03	7.82E-03	1.52E-03	5.90E-03	1.02E-03	6.35E-03	1.13E-03	5.96E-03	1.03E-03	5.89E-03	1.01E-03	5.93E-03	1.02E-03	5.90E-03	1.02E-03	7.77E-01	1.95E-01	3.47E+00	6.24E-01
3323 Gridded	5.64E-03	8.41E-04	5.61E-03	8.36E-04	6.07E-03	9.41E-04	6.07E-03	9.41E-04	4.53E-04	9.71E-05	5.61E-03	8.37E-04	7.45E-03	1.28E-03	7.45E-03	1.28E-03	5.64E-03	8.41E-04	6.07E-03	9.41E-04	5.69E-03	8.51E-04	5.63E-03	8.39E-04	5.66E-03	8.45E-04	5.64E-03	8.42E-04	7.37E-01	2.01E-01	3.25E+00	5.71E-01
3324 Gridded	4.88E-03	7.21E-04	4.85E-03	7.14E-04	5.26E-03	8.17E-04	5.26E-03	8.17E-04	5.07E-04	9.10E-05	4.85E-03	7.15E-04	6.71E-03	1.13E-03	6.71E-03	1.13E-03	4.88E-03	7.21E-04	5.26E-03	8.17E-04	4.92E-03	7.33E-04	4.87E-03	7.19E-04	4.90E-03	7.26E-04	4.88E-03	7.22E-04	7.81E-01	1.76E-01	2.92E+00	5.00E-01
3325 Gridded	4.55E-03	6.68E-04	4.52E-03	6.62E-04	5.00E-03	7.62E-04	5.00E-03	7.62E-04	6.28E-04	9.12E-05	4.53E-03	6.63E-04	6.46E-03	1.07E-03	6.46E-03	1.07E-03	4.55E-03	6.68E-04	5.00E-03	7.62E-04	4.61E-03	6.80E-04	4.54E-03	6.66E-04	4.58E-03	6.74E-04	4.56E-03	6.69E-04	7.78E-01	1.74E-01	2.67E+00	4.16E-01
3326 Gridded	4.41E-03	6.46E-04	4.39E-03	6.43E-04	4.68E-03	7.00E-04	4.68E-03	7.00E-04	4.75E-04	7.74E-05	4.40E-03	6.43E-04	5.56E-03	8.76E-04	5.56E-03	8.76E-04	4.41E-03	6.46E-04	4.68E-03	7.00E-04	4.44E-03	6.53E-04	4.40E-03	6.45E-04	4.43E-03	6.49E-04	4.41E-03	6.47E-04	8.29E-01	1.75E-01	2.47E+00	3.70E-01
3327 Gridded	3.14E-03	4.38E-04	3.14E-03	4.37E-04	3.16E-03	4.43E-04	3.16E-03	4.43E-04	3.19E-04	2.55E-05	3.14E-03	4.37E-04	3.65E-03	4.61E-04	3.65E-03	4.61E-04	3.14E-03	4.38E-04	3.16E-03	4.43E-04	3.14E-03	4.38E-04	3.14E-03	4.38E-04	3.14E-03	4.38E-04	3.14E-03	4.38E-04	9.08E-01	2.05E-01	1.70E+00	2.39E-01
3328 Gridded	2.45E-03	2.32E-04	2.43E-03	2.31E-04	2.75E-03	2.52E-04	2.75E-03	2.52E-04	3.39E-04	2.48E-05	2.43E-03	2.31E-04	3.72E-03	3.15E-04	3.72E-03	3.15E-04	2.45E-03	2.32E-04	2.75E-03	2.52E-04	2.48E-03	2.35E-04	2.44E-03	2.32E-04	2.46E-03	2.34E-04	2.45E-03	2.33E-04	1.05E+00	1.47E-01	1.73E+00	1.50E-01
3329 Gridded	2.48E-03	2.47E-04	2.46E-03	2.46E-04	2.77E-03	2.68E-04	2.77E-03	2.68E-04	3.71E-04	2.72E-05	2.47E-03	2.46E-04	3.70E-03	3.35E-04	3.70E-03	3.35E-04	2.48E-03	2.47E-04	2.77E-03	2.68E-04	2.52E-03	2.50E-04	2.48E-03	2.47E-04	2.50E-03	2.48E-04	2.49E-03	2.47E-04	1.06E+00	9.69E-02	1.80E+00	1.60E-01
3330 Gridded	2.45E-03	2.61E-04	2.43E-03	2.60E-04	2.71E-03	2.84E-04	2.71E-03	2.84E-04	3.98E-04	3.91E-05	2.43E-03	2.60E-04	3.56E-03	3.59E-04	3.56E-03	3.59E-04	2.45E-03	2.61E-04	2.71E-03	2.84E-04	2.48E-03	2.64E-04	2.44E-03	2.61E-04	2.46E-03	2.63E-04	2.45E-03	2.62E-04	1.14E+00	1.06E-01	1.95E+00	1.70E-01
3331 Gridded	2.37E-03	2.75E-04	2.36E-03	2.73E-04	2.59E-03	2.99E-04	2.59E-03	2.99E-04	5.34E-04	7.40E-05	2.36E-03	2.74E-04	3.36E-03	3.78E-04	3.36E-03	3.78E-04	2.37E-03	2.75E-04	2.59E-03	2.99E-04	2.40E-03	2.78E-04	2.37E-03	2.74E-04	2.38E-03	2.76E-04	2.37E-03	2.75E-04	1.16E+00	1.18E-01	2.03E+00	1.79E-01
3332 Gridded	2.50E-03	2.91E-04	2.49E-03	2.89E-04	2.70E-03	3.17E-04	2.70E-03	3.17E-04	7.80E-04	7.80E-05	2.49E-03	2.89E-04	3.58E-03	4.02E-04	3.58E-03	4.02E-04	2.50E-03	2.91E-04	2.70E-03	3.17E-04	2.53E-03	2.94E-04	2.50E-03	2.90E-04	2.51E-03	2.92E-04	2.50E-03	2.91E-04	1.16E+00	1.42E-01	2.41E+00	1.89E-01
3333 Gridded	2.59E-03	3.07E-04	2.58E-03	3.05E-04	2.79E-03	3.35E-04	2.79E-03	3.35E-04	1.15E-03	1.66E-04	2.58E-03	3.05E-04	5.29E-03	7.77E-04	5.29E-03	7.77E-04	2.59E-03	3.07E-04	2.79E-03	3.35E-04	2.62E-03	3.10E-04	2.59E-03	3.06E-04	2.60E-03	3.08E-04	2.59E-03	3.07E-04	1.08E+00	1.56E-01	3.61E+00	2.01E-01
3334 Gridded	2.65E-03	3.18E-04	2.63E-03	3.16E-04	2.84E-03	3.49E-04	2.84E-03	3.49E-04	1.34E-03	2.04E-04	2.63E-03	3.16E-04	6.19E-03	1.04E-03	6.19E-03	1.04E-03	2.65E-03	3.18E-04	2.84E-03	3.49E-04	2.67E-03	3.22E-04	2.64E-03	3.17E-04	2.66E-03	3.20E-04	2.65E-03	3.18E-04	1.16E+00	1.88E-01	5.77E+00	2.61E-01
3335 Gridded	3.00E-03	3.24E-04	2.97E-03	3.22E-04	4.07E-03	5.04E-04	4.07E-03	5.04E-04	1.19E-03	2.02E-04	2.97E-03	3.22E-04	7.70E-03	1.20E-03	7.70E-03	1.20E-03	3.00E-03	3.24E-04	4.07E-03	5.04E-04	3.09E-03	3.28E-04	2.99E-03	3.23E-04	3.03E-03	3.26E-04	3.01E-03	3.25E-04	1.59E+00	1.83E-01	5.87E+00	2.61E-01
3336 Gridded	4.31E-03	4.59E-04	4.23E-03	4.46E-04	5.42E-03	6.65E-04	5.42E-03	6.65E-04	1.28E-03	1.93E-04	4.24E-03	4.48E-04	9.03E-03	1.33E-03	9.03E-03	1.33E-03	4.31E-03	4.60E-04	5.42E-03	6.65E-04	4.44E-03	4.85E-04	4.28E-03	4.55E-04	4.37E-03	4.72E-04	4.32E-03	4.62E-04	1.75E+00	1.68E-01	3.76E+00	2.86E-01
3337 Gridded	5.22E-03	6.00E-04	5.15E-03	5.88E-04	6.29E-03	7.93E-04	6.29E-03	7.93E-04	1.23E-03	1.81E-04	5.16E-03	5.90E-04	9.76E-03	1.42E-03	9.76E-03	1.42E-03	5.22E-03	6.01E-04	6.29E-03	7.93E-04	5.35E-03	6.24E-04	5.19E-03	5.96E-04	5.28E-03	6.12E-04	5.23E-03	6.03E-04	1.44E+00	1.54E-01	2.84E+00	4.02E-01
3338 Gridded	5.65E-03	6.80E-04	5.59E-03	6.68E-04	6.61E-03	8.54E-04	6.61E-03	8.54E-04	1.11E-03	1.64E-04	5.60E-03	6.70E-04	9.73E-03	1.42E-03	9.73E-03	1.42E-03	5.65E-03	6.80E-04	6.61E-03	8.54E-04	5.77E-03	7.02E-04	5.63E-03	6.76E-04	5.71E-03	6.90E-04	5.66E-03	6.82E-04	1.54E+00	1.46E-01	3.11E+00	4.74E-01
3339 Gridded	6.17E-03	7.79E-04	6.11E-03	7.69E-04	7.01E-03	9.41E-04	7.01E-03	9.41E-04	1.03E-03	1.52E-04	6.12E-03	7.70E-04	9.95E-03	1.47E-03	9.95E-03	1.47E-03	6.17E-03	7.80E-04	7.01E-03	9.41E-04	6.27E-03	7.99E-04	6.15E-03	7.76E-04	6.22E-03	7.89E-04	6.18E-03	7.81E-04	1.52E+00	1.44E-01	3.40E+00	5.52E-01
3340 Gridded	6.64E-03	8.75E-04	6.59E-03	8.65E-04	7.63E-03	1.02E-03	7.63E-03	1.02E-03	1.04E-03	1.41E-04	6.59E-03	8.67E-04	1.10E-02	1.51E-03	1.10E-02	1.51E-03	6.64E-03	8.75E-04	7.63E-03	1.02E-03	6.74E-03	8.93E-04	6.62E-03	8.72E-04	6.69E-03	8.84E-04	6.65E-03	8.77E-04	1.39E+00	1.46E-01	3.69E+00	6.22E-01
3341 Gridded	7.05E-03	9.36E-04	6.98E-03	9.27E-04	8.01E-03	1.07E-03	8.01E-03	1.07E-03	1.10E-03	1.27E-04	6.99E-03	9.28E-04	1.12E-02	1.51E-03	1.12E-02	1.51E-03	7.05E-03	9.36E-04	8.01E-03	1.07E-03	7.17E-03	9.52E-04	7.03E-03	9.33E-04	7.10E-03	9.44E-04	7.06E-03	9.37E-04	1.23E+00	1.48E-01	3.99E+00	6.60E-01
3342 Gridded	7.97E-03	9.52E-04	7.92E-03	9.44E-04	8.68E-03	1.07E-03	8.68E-03	1.07E-03	1.08E-03	1.12E-04	7.93E-03	9.45E-04	1.10E-02	1.46E-03	1.10E-02	1.46E-03	7.97E-03	9.52E-04	8.68E-03	1.07E-03	8.06E-03	9.67E-04	7.95E-03	9.49E-04	8.01E-03	9.59E-04	7.98E-03	9.53E-04	1.05E+00	1.48E-01	4.58E+00	6.66E-01
3343 Gridded	8.66E-03	1.02E-03	8.61E-03	1.01E-03	9.39E-03	1.13E-03	9.39E-03	1.13E-03	1.04E-03	1.04E-04	8.62E-03	1.01E-03	1.18E-02	1.48E-03	1.18E-02	1.48E-03	8.66E-03	1.02E-03	9.39E-03	1.13E-03	8.75E-03	1.03E-03	8.64E-03	1.02E-03	8.70E-03	1.03E-03	8.67E-03	1.02E-03	8.80E-01	1.41E-01	5.01E+00	6.53E-01
3344 Gridded	6.80E-03	2.14E-03	6.75E-03	2.13E-03	7.48E-03	2.31E-03	7.48E-03	2.31E-03	6.61E-04	1.84E-04	6.76E-03	2.13E-03	9.68E-03	2.93E-03	9.68E-03	2.93E-03	6.80E-03	2.14E-03	7.48E-03	2.31E-03	6.88E-03	2.16E-03	6.78E-03	2.14E-03	6.84E-03	2.15E-03	6.81E-03	2.15E-03	6.93E-01	1.55E-01	3.94E+00	1.27E+00
3345 Gridded	6.51E-03	2.16E-03	6.47E-03	2.15E-03	7.16E-03	2.36E-03	7.16E-03	2.36E-03	6.99E-04	1.88E-04	6.47E-03	2.15E-03	9.27E-03	3.01E-03	9.27E-03	3.01E-03	6.51E-03	2.16E-03	7.16E-03	2.36E-03	6.59E-03	2.18E-03	6.50E-03	2.15E-03	6.55E-03	2.17E-03	6.52E-03	2.16E-03	7.12E-01	1.67E-01	3.80E+00	1.30E+00
3346 Gridded	6.63E-03	2.16E-03	6.61E-03	2.15E-03	7.16E-03	2.36E-03	7.16E-03	2.36E-03	7.13E-04	1.88E-04	6.61E-03	2.15E-03	9.36E-03	3.01E-03	9.36E-03	3.01E-03	6.64E-03	2.16E-03	7.16E-03	2.36E-03	6.68E-03	2.19E-03	6.63E-03	2.16E-03	6.66E-03	2.17E-03	6.64E-03	2.16E-03	6.93E-01	1.71E-01	3.90E+00	1.30E+00
3347 Gridded	6.80E-03	2.09E-03	6.77E-03	2.08E-03	7.19E-03	2.29E-03	7.19E-03	2.29E-03	7.16E-04	1.87E-04	6.78E-03	2.08E-03	9.32E-03	2.93E-03	9.32E-03	2.93E-03	6.80E-03	2.09E-03	7.19E-03	2.29E-03	6.85E-03	2.12E-03	6.79E-03	2.09E-03	6.82E-03	2.10E-03	6.80E-03	2.10E-03	6.85E-01	1.72E-01	3.83E+00	1.26E+00
3348 Gridded	6.71E-03	1.98E-03	6.68E-03	1.97E-03	7.21E-03	2.17E-03	7.21E-03	2.17E-03	6.74E-04	1.78E-04	6.69E-03	1.97E-03	8.98E-03	2.79E-03	8.98E-03	2.79E-03	6.71E-03	1.98E-03	7.21E-03	2.17E-03	6.78E-03	2.01E-03	6.70E-03	1.98E-03	6.74E-03	1.99E-03	6.72E-03	1.99E-03	7.05E-01	1.70E-01	3.89E+00	1.19E+00
3349 Gridded	7.31E-03	1.84E-03	7.28E-03	1.82E-03	7.86E-03	2.01E-03	7.86E-03	2.01E-03	6.15E-04	1.66E-04	7.28E-03	1.83E-03	9.62E-03	2.59E-03	9.62E-03	2.59E-03	7.32E-03	1.84E-03	7.86E-03	2.01E-03	7.38E-03	1.86E-03	7.30E-03	1.83E-03	7.35E-03	1.85E-03	7.32E-03	1.84E-03	7.09E-01	1.65E-01	4.24E+00	1.09E+00
3350 Gridded	7.78E-03	1.63E-03	7.74E-03	1.62E-03	8.32E-03	1.79E-03	8.32E-03	1.79E-03	5.66E-04	1.51E-04	7.75E-03	1.62E-03	1.01E-02	2.31E-03	1.01E-02	2.31E-03	7.78E-03	1.63E-03	8.32E-03	1.79E-03	7.84E-03	1.65E-03	7.77E-03	1.63E-03	7.81E-03	1.64E-03	7.78E-03	1.63E-03	7.37E-01	1.72E-01	4.52E+00	9.65E-01
3351 Gridded	7.72E-03	1.40E-03	7.68E-03	1.39E-03	8.22E-03	1.54E-03	8.22E-03	1.54E-03	5.59E-04	1.29E-04	7.69E-03	1.40E-03	9.84E-03	1.98E-03	9.84E-03	1.98E-03	7.72E-03	1.40E-03	8.22E-03	1.54E-03	7.78E-03	1.42E-03	7.71E-03	1.40E-03	7.75E-03	1.41E-03	7.72E-03	1.40E-03	7.57E-01	1.94E-01	4.48E+00	8.23E-01
3352 Gridded	7.08E-03	1.17E-03	7.05E-03	1.17E-03	7.50E-03	1.27E-03	7.50E-03	1.27E-03	5.26E-04	9.33E-05	7.06E-03	1.17E-03	8.85E-03	1.59E-03	8.85E-03	1.59E-03	7.08E-03	1.17E-03	7.50E-03	1.27E-03	7.13E-03	1.19E-03	7.07E-03	1.17E-03	7.11E-03	1.18E-03	7.09E-03	1.17E-03	7.27E-01	2.03E-01	4.11E+00	7.97E-01
3353 Gridded	5.91E-03	1.16E-03	5.89E-03	1.15E-03	6.28E-03	1.25E-03	6.28E-03	1.25E-03	4.98E-04	9.06E-05	5.90E-03	1.15E-03	7.65E-03	1.56E-03	7.65E-03	1.56E-03	5.92E-03	1.16E-03	6.28E-03	1.25E-03	5.96E-03	1.17E-03	5.91E-03	1.15E-03	5.93E-03	1.16E-03	5.92E-03	1.16E-03	7.66E-01	1.97E-01	3.48E+00	7.65E-01
3354 Gridded	6.18E-03	1.17E-03	6.15E-03	1.17E-03	6.57E-03	1.26E-03	6.57E-03	1.26E-03	6.35E-04	8.70E-05	6.16E-03	1.17E-03	7.86E-03	1.55E-03	7.86E-03	1.55E-03	6.18E-03	1.17E-03	6.57E-03	1.26E-03	6.23E-03	1.18E-03	6.17E-03	1.17E-03	6.20E-03	1.18E-03	6.18E-03	1.17E-03	8.24E-01	2.01E-01	3.60E+00	7.38E-01
3355 Gridded	6.04E-03	1.10E-03	6.02E-03	1.09E-03	6.37E-03	1.17E-03	6.37E-03	1.17E-03	6.37E-04	9.49E-05	6.02E-03	1.09E-03	7.50E-03	1.41E-03	7.50E-03	1.41E-03	6.04E-03	1.10E-03	6.37E-03	1.17E-03	6.08E-03	1.11E-03	6.03E-03	1.10E-03	6.06E-03	1.10E-03	6.04E-03	1.10E-03	8.28E-01	1.83E-01	3.43E+00	6.51E-01
3356 Gridded	5.29E-03	9.16E-04	5.27E-03	9.12E-04	5.52E-03	9.65E-04	5.52E-03	9.65E-04	6.40E-04	9.19E-05	5.28E-03	9.13E-04	6.93E-03	1.12E-03	6.93E-03	1.12E-03	5.29E-03	9.16E-04	5.52E-03	9.65E-04	5.32E-03	9.22E-04	5.28E-03	9.14E-04	5.30E-03	9.18E-04	5.29E-03	9.16E-04	8.70E-01	1.91E-01	2.92E+00	5.16E-01
3357 Gridded	4.45E-03	6.90E-04	4.44E-03	6.89E-04	4.71E-03	7.17E-04	4.71E-03	7.17E-04	1.01E-03	1.21E-04	4.44E-03	6.89E-04	5.68E-03	8.93E-04	5.68E-03	8.93E-04	4.46E-03	6.90E-04	4.71E-03	7.17E-04	4.49E-03	6.92E-04	4.45E-03	6.90E-04	4.47E-03	6.91E-04	4.46E-03	6.90E-04	9.30E-01	2.54E-01	2.54E+00	3.96E-01
3358 Gridded	3.38E-03	4.99E-04	3.38E-03	4.99E-04	3.42E-03	5.08E-04	3.42E-03	5.08E-04	1.48E-03	1.05E-04	3.38E-03	4.99E-04	6.81E-03	5.35E-04	6.81E-03	5.35E-04	3.38E-03	5.00E-04	3.42E-03	5.08E-04	3.39E-03	5.01E-04	3.38E-03	4.99E-04	3.38E-03	5.00E-04	3.38E-03	5.00E-04	9.73E-01	1.93E-01	1.87E+00	2.81E-01
3359 Gridded	2.38E-03	2.27E-04	2.36E-03	2.26E-04	2.67E-03	2.45E-04	2.67E-03	2.45E-04	5.18E-04	4.39E-05	2.37E-03	2.26E-04	3.60E-03	3.02E-04	3.60E-03	3.02E-04	2.38E-03	2.27E-04	2.67E-03	2.45E-04	2.42E-03	2.29E-04	2.38E-03	2.26E-04	2.40E-03	2.28E-04	2.39E-03	2.27E-04	1.18E+00	2.31E-01	1.64E+00	1.47E-01
3360 Gridded	2.42E-03	2.41E-04	2.42E-03	2.40E-04	2.69E-03	2.60E-04	2.69E-03	2.60E-04	3.58E-04	4.18E-05	2.42E-03	2.40E-04	3.57E-03	3.21E-04	3.57E-03	3.21E-04	2.42E-03	2.41E-04	2.69E-03	2.60E-04	2.45E-03	2.44E-04	2.42E-03	2.41E-04	2.43E-03	2.42E-04	2.42E-03	2.41E-04	9.78E-01	1.62E-01	1.65E+00	1.53E-01
3361 Gridded	2.38E-03	2.56E-04	2.36E-03	2.55E-04	2.63E-03	2.76E-04	2.63E-03	2.76E-04	6.46E-04	7.40E-05	2.36E-03	2.55E-04	3.45E-03	3.42E-04	3.45E-03	3.42E-04	2.38E-03	2.56E-04	2.63E-03	2.76E-04	2.41E-03	2.58E-04	2.37E-03	2.56E-04	2.39E-03	2.57E-04	2.38E-03	2.56E-04	1.05E+00	1.69E-01	1.79E+00	1.62E-01
3362 Gridded	2.31E-03	2.69E-04	2.30E-03	2.68E-04	2.51E-03	2.92E-04	2.51E-03	2.92E-04	6.48E-04	1.01E-04	2.30E-03	2.68E-04	3.24E-03	4.69E-04	3.24E-03	4.69E-04	2.31E-03	2.70E-04	2.51E-03	2.92E-04	2.33E-03	2.72E-04	2.30E-03	2.69E-04	2.32E-03	2.71E-04	2.31E-03	2.70E-04	1.08E+00	9.47E-02	1.87E+00	1.71E-01
3363 Gridded	2.43E-03	2.83E-04	2.42E-03	2.81E-04	2.61E-03	3.07E-04	2.61E-03	3.07E-04	6.06E-04	1.00E-04	2.42E-03	2.82E-04	3.49E-03	5.72E-04	3.49E-03	5.72E-04	2.43E-03	2.83E-04	2.61E-03	3.07E-04	2.45E-03	2.86E-04	2.43E-03	2.82E-04	2.44E-03	2.84E-04	2.43E-03	2.83E-04	2.34E+00	1.92E-01	1.89E+00	1.79E-01
3364 Gridded	2.52E-03	3.01E-04	2.51E-03	2.99E-04	2.70E-03	3.76E-04	2.70E-03	3.76E-04	5.11E-04	7.10E-05	2.51E-03	2.99E-04	4.08E-03	6.21E-04	4.08E-03	6.21E-04	2.52E-03	3.01E-04	2.70E-03	3.76E-04	2.55E-03	3.10E-04	2.52E-03	3.00E-04	2.53E-03	3.06E-04	2.53E-03	3.02E-04	2.71E+00	1.56E-01	5.75E+00	2.94E-01
3365 Gridded	3.45E-03	5.28E-04	3.42E-03	5.23E-04	3.82E-03	6.05E-04	3.82E-03	6.05E-04	4.48E-04	7.28E-05	3.43E-03	5.24E-04	5.05E-03	8.56E-04	5.05E-03	8.56E-04	3.45E-03	5.28E-04	3.82E-03	6.05E-04	3.49E-03	5.37E-04	3.44E-03	5.26E-04	3.47E-03	5.32E-04	3.45E-03	5.29E-04	1.37E+00	2.00E-01	5.73E+00	3.12E-01
3366 Gridded	3.67E-03	5.75E-04	3.64E-03	5.70E-04	3.99E-03	6.44E-04	3.99E-03	6.44E-04	7.18E-04	7.51E-05	3.65E-03	5.71E-04	5.06E-03	8.66E-04	5.06E-03	8.66E-04	3.67E-03	5.75E-04	3.99E-03	6.44E-04	3.71E-03	5.84E-04	3.66E-03	5.73E-04	3.68E-03	5.79E-04	3.67E-03	5.76E-04	1.56E+00	2.13E-01	7.16E+00	3.92E-01
3367 Gridded	3.56E-03	5.66E-04	3.54E-03	5.62E-04	3.81E-03	6.22E-04	3.81E-03	6.22E-04	7.84E-04	1.08E-04	3.55E-03	5.63E-04	4.93E-03	8.03E-04	4.93E-03	8.03E-04	3.56E-03	5.66E-04	3.81E-03	6.22E-04	3.59E-03	5.73E-04	3.56E-03	5.65E-04	3.58E-03	5.69E-04	3.56E-03	5.67E-04	1.35E+00	1.91E-01	8.29E+00	4.44E-01
3368 Gridded	3.95E-03	5.08E-04	3.93E-03	5.05E-04	4.22E-03	5.54E-04	4.22E-03	5.54E-04	1.02E-03	1.32E-04	3.94E-03	5.06E-04	6.87E-03	8.37E-04	6.87E-03	8.37E-04	3.95E-03	5.08E-04	4.22E-03	5.54E-04	3.99E-03	5.14E-04	3.95E-03	5.07E-04	3.97E-03	5.11E-04	3.95E-03	5.09E-04	9.58E-01	1.72E-01	6.40E+00	4.47E-01
3369 Gridded	4.30E-03	4.34E-04	4.27E-03	4.31E-04	5.00E-03	5.29E-04	5.00E-03	5.29E-04	1.13E-03	1.48E-04	4.28E-03	4.32E-04	8.40E-03	1.04E-03	8.40E-03	1.04E-03	4.31E-03	4.34E-04	5.00E-03	5.29E-04	4.36E-03	4.39E-04	4.29E-03	4.33E-04	4.33E-03	4.36E-04	4.31E-03	4.34E-04	1.02E+00	1.58E-01	3.81E+00	4.18E-01
3370 Gridded	5.47E-03	5.13E-04	5.40E-03	5.06E-04	6.54E-03	6.74E-04	6.54E-03	6.74E-04	1.11E-03	1.56E-04	5.41E-03	5.07E-04	1.00E-02	1.21E-03	1.00E-02	1.21E-03	5.47E-03	5.13E-04	6.54E-03	6.74E-04	5.60E-03	5.30E-04	5.45E-03	5.10E-04	5.53E-03	5.19E-04	5.48E-03	5.14E-04	1.30E+00	1.50E-01	3.03E+00	3.82E-01
3371 Gridded	6.66E-03	6.85E-04	6.59E-03	6.73E-04	7.69E-03	8.54E-04	7.69E-03	8.54E-04	1.20E-03	1.59E-04	6.60E-03	6.75E-04	1.10E-02	1.40E-03	1.10E-02	1.40E-03	6.66E-03	6.85E-04	7.69E-03	8.54E-04	6.79E-03	7.06E-04	6.64E-03	6.81E-04	6.72E-03	6.95E-04	6.67E-03	6.87E-04	1.46E+00	1.58E-01	3.74E+00	4.86E-01
3372 Gridded	7.03E-03	8.27E-04	6.96E-03	8.16E-04	7.99E-03	9.88E-04	7.99E-03	9.88E-04	1.24E-03	1.52E-04	6.97E-03	8.18E-04	1.11E-02	1.51E-03	1.11E-02	1.51E-03	7.03E-03	8.27E-04	7.99E-03	9.88E-04	7.15E-03	8.47E-04	7.01E-03	8.23E-04	7.08E-03	8.36E-04	7.04E-03	8.28E-04	1.48E+00	1.68E-01	4.02E+00	5.72E-01
3373 Gridded	8.57E-03	9.09E-04	8.53E-03	8.99E-04	9.19E-03	1.06E-03	9.19E-03	1.06E-03	1.18E-03	1.40E-04	8.54E-03	9.01E-04	1.12E-02	1.54E-03	1.12E-02	1.54E-03	8.57E-03	9.10E-04	9.19E-03	1.06E-03	8.65E-03	9.28E-04	8.56E-03	9.06E-04	8.61E-03	9.18E-04	8.58E-03	9.11E-04	1.39E+00	1.71E-01	4.75E+00	6.17E-01
3374 Gridded	9.92E-03	9.43E-04	9.87E-03	9.36E-04	1.06E-02	1.07E-03	1.06E-02	1.07E-03	1.08E-03	1.25E-04	9.88E-03	9.37E-04	1.28E-02	1.50E-03	1.28E-02	1.50E-03	9.92E-03	9.44E-04	1.06E-02	1.07E-03	1.00E-02	9.57E-04	9.90E-03	9.41E-04	9.96E-03	9.50E-04	9.93E-03	9.45E-04	1.29E+00	1.63E-01	5.52E+00	6.26E-01
3375 Gridded	7.10E-03	2.03E-03	7.05E-03	2.02E-03	7.79E-03	2.21E-03	7.79E-03	2.21E-03	6.52E-04	1.66E-04	7.06E-03	2.02E-03	1.00E-02	2.78E-03	1.00E-02	2.78E-03	7.10E-03	2.03E-03	7.79E-03	2.21E-03	7.18E-03	2.06E-03	7.08E-03	2.03E-03	7.14E-03	2.04E-03	7.11E-03	2.04E-03	6.85E-01	1.50E-01	4.12E+00	1.20E+00
3376 Gridded	7.07E-03	2.04E-03	7.03E-03	2.03E-03	7.75E-03	2.21E-03	7.75E-03	2.21E-03	6.91E-04	1.63E-04	7.04E-03	2.03E-03	9.95E-03	2.78E-03	9.95E-03	2.78E-03	7.08E-03	2.04E-03	7.75E-03	2.21E-03	7.16E-03	2.06E-03	7.06E-03	2.04E-03	7.11E-03	2.05E-03	7.08E-03	2.04E-03	6.97E-01	1.49E-01	4.07E+00	1.20E+00
3377 Gridded	6.88E-03	2.01E-03	6.84E-03	2.00E-03	7.51E-03	2.18E-03	7.51E-03	2.18E-03	7.05E-04	1.57E-04	6.85E-03	2.00E-03	9.57E-03	2.72E-03	9.57E-03	2.72E-03	6.88E-03	2.01E-03	7.51E-03	2.18E-03	6.96E-03	2.03E-03	6.87E-03	2.01E-03	6.92E-03	2.02E-03	6.89E-03	2.01E-03	6.96E-01	1.54E-01	3.91E+00	1.18E+00
3378 Gridded	6.44E-03	1.91E-03	6.40E-03	1.90E-03	7.01E-03	2.07E-03	7.01E-03	2.07E-03	6.95E-04	1.48E-04	6.41E-03	1.90E-03	8.86E-03	2.58E-03	8.86E-03	2.58E-03	6.44E-03	1.91E-03	7.01E-03	2.07E-03	6.51E-03	1.93E-03	6.43E-03	1.90E-03	6.47E-03	1.92E-03	6.45E-03	1.91E-03	7.42E-01	1.58E-01	3.62E+00	1.12E+00
3379 Gridded	6.64E-03	1.76E-03	6.61E-03	1.75E-03	7.08E-03	1.90E-03	7.08E-03	1.90E-03	6.32E-04	1.32E-04	6.61E-03	1.76E-03	8.54E-03	2.36E-03	8.54E-03	2.36E-03	6.64E-03	1.76E-03	7.08E-03	1.90E-03	6.69E-03	1.78E-03	6.63E-03	1.76E-03	6.66E-03	1.77E-03	6.64E-03	1.76E-03	7.46E-01	1.59E-01	3.77E+00	1.03E+00
3380 Gridded	7.12E-03	1.56E-03	7.09E-03	1.55E-03	7.59E-03	1.67E-03	7.59E-03	1.67E-03	6.05E-04	1.11E-04	7.09E-03	1.55E-03	9.12E-03	2.05E-03	9.12E-03	2.05E-03	7.12E-03	1.56E-03	7.59E-03	1.67E-03	7.18E-03	1.57E-03	7.11E-03	1.55E-03	7.15E-03	1.56E-03	7.13E-03	1.56E-03	7.35E-01	1.72E-01	4.04E+00	9.05E-01
3381 Gridded	7.46E-03	1.49E-03	7.43E-03	1.48E-03	7.92E-03	1.61E-03	7.92E-03	1.61E-03	6.15E-04	1.12E-04	7.44E-03	1.48E-03	9.39E-03	2.00E-03	9.39E-03	2.00E-03	7.46E-03	1.49E-03	7.92E-03	1.61E-03	7.52E-03	1.50E-03	7.45E-03	1.49E-03	7.49E-03	1.50E-03	7.47E-03	1.49E-03	6.97E-01	1.95E-01	4.23E+00	9.48E-01
3382 Gridded	7.30E-03	1.53E-03	7.27E-03	1.52E-03	7.70E-03	1.64E-03	7.70E-03	1.64E-03	7.62E-04	1.07E-04	7.27E-03	1.52E-03	9.00E-03	2.01E-03	9.00E-03	2.01E-03	7.30E-03	1.53E-03	7.70E-03	1.64E-03	7.35E-03	1.54E-03	7.29E-03	1.52E-03	7.32E-03	1.53E-03	7.30E-03	1.53E-03	7.33E-01	2.25E-01	4.13E+00	9.59E-01
3383 Gridded	6.58E-03	1.48E-03	6.55E-03	1.48E-03	7.07E-03	1.58E-03	7.07E-03	1.58E-03	8.72E-04	1.02E-04	6.55E-03	1.48E-03	8.94E-03	1.90E-03	8.94E-03	1.90E-03	6.58E-03	1.49E-03	7.07E-03	1.58E-03	6.64E-03	1.50E-03	6.57E-03	1.48E-03	6.61E-03	1.49E-03	6.58E-03	1.49E-03	7.61E-01	2.23E-01	3.93E+00	9.17E-01
3384 Gridded	6.45E-03	1.36E-03	6.42E-03	1.36E-03	6.90E-03	1.44E-03	6.90E-03	1.44E-03	7.38E-04	9.44E-05	6.42E-03	1.36E-03	8.49E-03	1.70E-03	8.49E-03	1.70E-03	6.45E-03	1.36E-03	6.90E-03	1.44E-03	6.50E-03	1.37E-03	6.44E-03	1.36E-03	6.47E-03	1.37E-03	6.45E-03	1.36E-03	8.10E-01	1.99E-01	3.79E+00	8.25E-01
3385 Gridded	6.22E-03	1.24E-03	6.20E-03	1.24E-03	6.69E-03	1.30E-03	6.69E-03	1.30E-03	5.83E-04	8.87E-05	6.20E-03	1.24E-03	8.64E-03	1.49E-03	8.64E-03	1.49E-03	6.22E-03	1.24E-03	6.69E-03	1.30E-03	6.27E-03	1.25E-03	6.21E-03	1.24E-03	6.25E-03	1.25E-03	6.23E-03	1.24E-03	8.68E-01	1.81E-01	3.78E+00	7.28E-01
3386 Gridded	6.13E-03	1.04E-03	6.10E-03	1.04E-03	6.65E-03	1.07E-03	6.65E-03	1.07E-03	6.54E-04	9.40E-05	6.11E-03	1.04E-03	8.32E-03	1.31E-03	8.32E-03	1.31E-03	6.14E-03	1.04E-03	6.65E-03	1.07E-03	6.20E-03	1.04E-03	6.12E-03	1.04E-03	6.17E-03	1.04E-03	6.14E-03	1.04E-03	8.70E-01	1.97E-01	3.72E+00	6.29E-01
3387 Gridded	5.44E-03	8.57E-04	5.42E-03	8.54E-04	5.77E-03	9.10E-04	5.77E-03	9.10E-04	8.48E-04	1.31E-04	5.42E-03	8.55E-04	6.85E-03	1.08E-03	6.85E-03	1.08E-03	5.44E-03	8.58E-04	5.77E-03	9.10E-04	5.48E-03	8.64E-04	5.43E-03	8.56E-04	5.46E-03	8.61E-04	5.44E-03	8.58E-04	9.11E-01	2.55E-01	3.17E+00	5.17E-01
3388 Gridded	4.12E-03	6.57E-04	4.12E-03	6.55E-04	4.31E-03	6.80E-04	4.31E-03	6.80E-04	1.10E-03	1.05E-04	4.12E-03	6.55E-04	5.22E-03	7.60E-04	5.22E-03	7.60E-04	4.12E-03	6.57E-04	4.31E-03	6.80E-04	4.14E-03	6.59E-04	4.12E-03	6.56E-04	4.13E-03	6.58E-04	4.13E-03	6.57E-04	1.13E+00	3.02E-01	2.50E+00	3.80E-01
3389 Gridded	4.14E-03	4.85E-04	4.13E-03	4.82E-04	4.39E-03	5.18E-04	4.39E-03	5.18E-04	1.36E-03	1.30E-04	4.13E-03	4.83E-04	6.25E-03	6.28E-04	6.25E-03	6.28E-04	4.14E-03	4.85E-04	4.39E-03	5.18E-04	4.17E-03	4.89E-04	4.14E-03	4.84E-04	4.16E-03	4.87E-04	4.14E-03	4.85E-04	1.22E+00	2.19E-01	2.56E+00	3.24E-01
3390 Gridded	3.36E-03	3.49E-04	3.36E-03	3.49E-04	3.40E-03	3.52E-04	3.40E-03	3.52E-04	7.90E-04	6.88E-05	3.36E-03	3.49E-04	4.36E-03	5.24E-04	4.36E-03	5.24E-04	3.36E-03	3.49E-04	3.40E-03	3.52E-04	3.37E-03	3.50E-04	3.36E-03	3.49E-04	3.37E-03	3.49E-04	3.36E-03	3.49E-04	1.14E+00	2.09E-01	2.19E+00	2.77E-01
3391 Gridded	2.97E-03	2.82E-04	2.96E-03	2.81E-04	3.09E-03	2.96E-04	3.09E-03	2.96E-04	5.64E-04	7.20E-05	2.96E-03	2.81E-04	3.48E-03	4.51E-04	3.48E-03	4.51E-04	2.97E-03	2.82E-04	3.09E-03	2.96E-04	2.98E-03	2.83E-04	2.96E-03	2.81E-04	2.97E-03	2.82E-04	2.97E-03	2.82E-04	9.38E-01	1.99E-01	2.07E+00	2.15E-01
3392 Gridded	2.26E-03	2.47E-04	2.24E-03	2.46E-04	2.49E-03	2.65E-04	2.49E-03	2.65E-04	6.18E-04	6.08E-05	2.25E-03	2.46E-04	3.25E-03	3.53E-04	3.25E-03	3.53E-04	2.26E-03	2.47E-04	2.49E-03	2.65E-04	2.29E-03	2.49E-04	2.25E-03	2.47E-04	2.27E-03	2.48E-04	2.26E-03	2.47E-04	9.56E-01	1.90E-01	1.64E+00	1.72E-01
3393 Gridded	2.21E-03	2.61E-04	2.20E-03	2.59E-04	2.38E-03	2.80E-04	2.38E-03	2.80E-04	6.54E-04	9.26E-05	2.20E-03	2.60E-04	4.61E-03	5.08E-04	4.61E-03	5.08E-04	2.21E-03	2.61E-04	2.38E-03	2.80E-04	2.23E-03	2.63E-04	2.20E-03	2.60E-04	2.22E-03	2.62E-04	2.21E-03	2.61E-04	9.88E-01	1.53E-01	1.74E+00	1.62E-01
3394 Gridded	3.43E-03	2.81E-04	3.40E-03	2.75E-04	3.91E-03	3.69E-04	3.91E-03	3.69E-04	6.02E-04	9.64E-05	3.40E-03	2.76E-04	5.49E-03	6.54E-04	5.49E-03	6.54E-04	3.43E-03	2.81E-04	3.91E-03	3.69E-04	3.49E-03	2.92E-04	3.42E-03	2.79E-04	3.46E-03	2.86E-04	3.43E-03	2.82E-04	1.49E+00	1.35E-01	2.49E+00	2.03E-01
3395 Gridded	3.19E-03	3.71E-04	3.17E-03	3.65E-04	3.45E-03	4.76E-04	3.45E-03	4.76E-04	5.88E-04	9.81E-05	3.18E-03	3.66E-04	5.02E-03	8.14E-04	5.02E-03	8.14E-04	3.19E-03	3.72E-04	3.45E-03	4.76E-04	3.22E-03	3.84E-04	3.19E-03	3.69E-04	3.21E-03	3.78E-04	3.19E-03	3.73E-04	4.08E+00	1.88E-01	3.93E+00	3.03E-01
3396 Gridded	3.07E-03	4.75E-04	3.04E-03	4.69E-04	3.54E-03	5.63E-04	3.54E-03	5.63E-04	5.21E-04	8.28E-05	3.05E-03	4.70E-04	5.24E-03	8.49E-04	5.24E-03	8.49E-04	3.08E-03	4.75E-04	3.54E-03	5.63E-04	3.13E-03	4.86E-04	3.06E-03	4.73E-04	3.10E-03	4.80E-04	3.08E-03	4.76E-04	3.72E+00	1.68E-01	7.64E+00	3.68E-01
3397 Gridded	3.93E-03	6.73E-04	3.91E-03	6.68E-04	4.28E-03	7.50E-04	4.28E-03	7.50E-04	5.26E-04	7.19E-05	3.92E-03	6.69E-04	5.41E-03	9.98E-04	5.41E-03	9.98E-04	3.94E-03	6.74E-04	4.28E-03	7.50E-04	3.98E-03	6.83E-04	3.93E-03	6.72E-04	3.95E-03	6.78E-04	3.94E-03	6.74E-04	2.03E+00	2.03E-01	6.31E+00	4.01E-01

Scenario 2 Results

3398 Gridded	4.77E-03	8.60E-04	4.75E-03	8.55E-04	5.09E-03	9.33E-04	5.09E-03	9.33E-04	5.22E-04	6.83E-05	4.75E-03	8.56E-04	6.15E-03	1.17E-03	6.15E-03	1.17E-03	4.77E-03	8.60E-04	5.09E-03	9.33E-04	4.81E-03	8.69E-04	4.76E-03	8.59E-04	4.79E-03	8.65E-04	4.77E-03	8.61E-04	1.91E+00	2.47E-01	7.45E+00	5.41E-01
3399 Gridded	4.85E-03	9.03E-04	4.83E-03	8.98E-04	5.16E-03	9.74E-04	5.16E-03	9.74E-04	6.76E-04	6.66E-05	4.83E-03	8.99E-04	6.17E-03	1.20E-03	6.17E-03	1.20E-03	4.85E-03	9.03E-04	5.16E-03	9.74E-04	4.89E-03	9.12E-04	4.85E-03	9.01E-04	4.87E-03	9.07E-04	4.86E-03	9.04E-04	1.75E+00	2.22E-01	8.90E+00	6.08E-01
3400 Gridded	4.40E-03	8.45E-04	4.37E-03	8.41E-04	4.85E-03	9.13E-04	4.85E-03	9.13E-04	9.28E-04	9.17E-05	4.38E-03	8.42E-04	6.46E-03	1.13E-03	6.46E-03	1.13E-03	4.40E-03	8.46E-04	4.85E-03	9.13E-04	4.46E-03	8.54E-04	4.39E-03	8.44E-04	4.43E-03	8.49E-04	4.41E-03	8.46E-04	1.25E+00	1.82E-01	7.64E+00	6.10E-01
3401 Gridded	5.80E-03	7.85E-04	5.77E-03	7.81E-04	6.35E-03	8.50E-04	6.35E-03	8.50E-04	1.00E-03	1.13E-04	5.77E-03	7.81E-04	8.12E-03	1.06E-03	8.12E-03	1.06E-03	5.81E-03	7.85E-04	6.35E-03	8.50E-04	5.87E-03	7.93E-04	5.79E-03	7.84E-04	5.84E-03	7.89E-04	5.81E-03	7.86E-04	7.87E-01	1.49E-01	5.14E+00	5.95E-01
3402 Gridded	6.89E-03	7.22E-04	6.85E-03	7.18E-04	7.51E-03	7.86E-04	7.51E-03	7.86E-04	1.04E-03	1.30E-04	6.86E-03	7.18E-04	9.53E-03	9.93E-04	9.53E-03	9.93E-04	6.90E-03	7.22E-04	7.51E-03	7.86E-04	6.97E-03	7.30E-04	6.88E-03	7.20E-04	6.93E-03	7.26E-04	6.90E-03	7.23E-04	8.79E-01	1.45E-01	3.96E+00	5.67E-01
3403 Gridded	7.49E-03	7.78E-04	7.45E-03	7.74E-04	8.15E-03	8.47E-04	8.15E-03	8.47E-04	1.15E-03	1.37E-04	7.46E-03	7.74E-04	1.03E-02	1.16E-03	1.03E-02	1.16E-03	7.50E-03	7.78E-04	8.15E-03	8.47E-04	7.58E-03	7.87E-04	7.48E-03	7.77E-04	7.53E-03	7.82E-04	7.50E-03	7.79E-04	1.09E+00	1.47E-01	4.38E+00	5.39E-01
3404 Gridded	7.60E-03	8.95E-04	7.55E-03	8.91E-04	8.24E-03	9.63E-04	8.24E-03	9.63E-04	1.13E-03	1.36E-04	7.56E-03	8.91E-04	1.03E-02	1.29E-03	1.03E-02	1.29E-03	7.60E-03	8.95E-04	8.24E-03	9.63E-04	7.68E-03	9.04E-04	7.58E-03	8.94E-04	7.63E-03	8.99E-04	7.60E-03	8.96E-04	1.21E+00	1.51E-01	4.52E+00	5.66E-01
3405 Gridded	7.37E-03	9.56E-04	7.32E-03	9.52E-04	8.12E-03	1.02E-03	8.12E-03	1.02E-03	1.03E-03	1.29E-04	7.33E-03	9.52E-04	1.06E-02	1.35E-03	1.06E-02	1.35E-03	7.37E-03	9.56E-04	8.12E-03	1.02E-03	7.46E-03	9.64E-04	7.35E-03	9.55E-04	7.41E-03	9.60E-04	7.38E-03	9.57E-04	1.27E+00	1.55E-01	4.45E+00	5.93E-01
3406 Gridded	6.66E-03	1.80E-03	6.61E-03	1.79E-03	7.39E-03	1.94E-03	7.39E-03	1.94E-03	6.93E-04	1.32E-04	6.62E-03	1.80E-03	9.78E-03	2.40E-03	9.78E-03	2.40E-03	6.66E-03	1.80E-03	7.39E-03	1.94E-03	6.75E-03	1.82E-03	6.64E-03	1.80E-03	6.70E-03	1.81E-03	6.67E-03	1.81E-03	7.01E-01	1.51E-01	3.99E+00	1.05E+00
3407 Gridded	6.65E-03	1.76E-03	6.60E-03	1.75E-03	7.37E-03	1.89E-03	7.37E-03	1.89E-03	6.79E-04	1.25E-04	6.61E-03	1.75E-03	9.71E-03	2.32E-03	9.71E-03	2.32E-03	6.65E-03	1.76E-03	7.37E-03	1.89E-03	6.74E-03	1.78E-03	6.64E-03	1.76E-03	6.70E-03	1.77E-03	6.66E-03	1.76E-03	7.36E-01	1.53E-01	3.93E+00	1.02E+00
3408 Gridded	6.35E-03	1.66E-03	6.31E-03	1.65E-03	7.01E-03	1.78E-03	7.01E-03	1.78E-03	6.16E-04	1.13E-04	6.31E-03	1.65E-03	9.13E-03	2.16E-03	9.13E-03	2.16E-03	6.35E-03	1.66E-03	7.01E-03	1.78E-03	6.43E-03	1.67E-03	6.34E-03	1.65E-03	6.39E-03	1.66E-03	6.36E-03	1.66E-03	7.63E-01	1.50E-01	3.69E+00	9.57E-01
3409 Gridded	6.25E-03	1.56E-03	6.21E-03	1.56E-03	6.84E-03	1.68E-03	6.84E-03	1.68E-03	5.82E-04	1.14E-04	6.22E-03	1.56E-03	8.74E-03	2.07E-03	8.74E-03	2.07E-03	6.25E-03	1.56E-03	6.84E-03	1.68E-03	6.32E-03	1.58E-03	6.24E-03	1.56E-03	6.28E-03	1.57E-03	6.26E-03	1.57E-03	7.82E-01	1.83E-01	3.80E+00	9.73E-01
3410 Gridded	6.40E-03	1.63E-03	6.36E-03	1.62E-03	7.01E-03	1.75E-03	7.01E-03	1.75E-03	6.06E-04	1.13E-04	6.37E-03	1.62E-03	8.98E-03	2.14E-03	8.98E-03	2.14E-03	6.40E-03	1.63E-03	7.01E-03	1.75E-03	6.48E-03	1.64E-03	6.39E-03	1.63E-03	6.44E-03	1.64E-03	6.41E-03	1.63E-03	7.65E-01	2.18E-01	3.85E+00	1.00E+00
3411 Gridded	6.51E-03	1.68E-03	6.47E-03	1.67E-03	7.13E-03	1.79E-03	7.13E-03	1.79E-03	7.80E-04	1.14E-04	6.48E-03	1.67E-03	9.12E-03	2.17E-03	9.12E-03	2.17E-03	6.51E-03	1.68E-03	7.13E-03	1.79E-03	6.59E-03	1.69E-03	6.50E-03	1.67E-03	6.55E-03	1.68E-03	6.52E-03	1.68E-03	7.55E-01	2.40E-01	3.88E+00	1.02E+00
3412 Gridded	6.64E-03	1.69E-03	6.61E-03	1.69E-03	7.19E-03	1.80E-03	7.19E-03	1.80E-03	9.46E-04	1.20E-04	6.61E-03	1.69E-03	8.95E-03	2.16E-03	8.95E-03	2.16E-03	6.65E-03	1.69E-03	7.19E-03	1.80E-03	6.71E-03	1.71E-03	6.63E-03	1.69E-03	6.68E-03	1.70E-03	6.65E-03	1.69E-03	7.72E-01	2.41E-01	3.94E+00	1.02E+00
3413 Gridded	7.30E-03	1.63E-03	7.27E-03	1.62E-03	7.85E-03	1.72E-03	7.85E-03	1.72E-03	9.58E-04	1.19E-04	7.27E-03	1.62E-03	9.64E-03	2.03E-03	9.64E-03	2.03E-03	7.30E-03	1.63E-03	7.85E-03	1.72E-03	7.37E-03	1.64E-03	7.29E-03	1.62E-03	7.33E-03	1.63E-03	7.31E-03	1.63E-03	7.96E-01	2.08E-01	4.34E+00	9.70E-01
3414 Gridded	7.42E-03	1.47E-03	7.38E-03	1.47E-03	7.94E-03	1.55E-03	7.94E-03	1.55E-03	7.71E-04	1.09E-04	7.39E-03	1.47E-03	9.71E-03	1.81E-03	9.71E-03	1.81E-03	7.42E-03	1.48E-03	7.94E-03	1.55E-03	7.48E-03	1.48E-03	7.41E-03	1.47E-03	7.45E-03	1.48E-03	7.42E-03	1.48E-03	9.02E-01	1.89E-01	4.40E+00	8.67E-01
3415 Gridded	7.38E-03	1.28E-03	7.34E-03	1.27E-03	7.96E-03	1.37E-03	7.96E-03	1.37E-03	7.22E-04	8.99E-05	7.34E-03	1.27E-03	9.84E-03	1.68E-03	9.84E-03	1.68E-03	7.38E-03	1.28E-03	7.96E-03	1.37E-03	7.45E-03	1.29E-03	7.36E-03	1.27E-03	7.41E-03	1.28E-03	7.38E-03	1.28E-03	8.66E-01	1.85E-01	4.37E+00	8.17E-01
3416 Gridded	6.94E-03	1.16E-03	6.91E-03	1.15E-03	7.40E-03	1.23E-03	7.40E-03	1.23E-03	6.73E-04	1.03E-04	6.91E-03	1.15E-03	8.89E-03	1.47E-03	8.89E-03	1.47E-03	6.94E-03	1.16E-03	7.40E-03	1.23E-03	6.99E-03	1.17E-03	6.93E-03	1.16E-03	6.96E-03	1.16E-03	6.94E-03	1.16E-03	8.44E-01	2.01E-01	4.07E+00	7.21E-01
3417 Gridded	6.38E-03	1.04E-03	6.36E-03	1.03E-03	6.68E-03	1.09E-03	6.68E-03	1.09E-03	6.96E-04	1.27E-04	6.36E-03	1.03E-03	7.68E-03	1.24E-03	7.68E-03	1.24E-03	6.38E-03	1.04E-03	6.68E-03	1.09E-03	6.41E-03	1.04E-03	6.37E-03	1.03E-03	6.39E-03	1.04E-03	6.38E-03	1.04E-03	8.99E-01	2.52E-01	3.67E+00	6.20E-01
3418 Gridded	5.34E-03	8.32E-04	5.32E-03	8.30E-04	5.63E-03	8.62E-04	5.63E-03	8.62E-04	1.11E-03	1.18E-04	5.32E-03	8.30E-04	6.58E-03	9.60E-04	6.58E-03	9.60E-04	5.34E-03	8.32E-04	5.63E-03	8.62E-04	5.38E-03	8.35E-04	5.33E-03	8.31E-04	5.36E-03	8.33E-04	5.34E-03	8.32E-04	1.06E+00	3.38E-01	3.24E+00	4.95E-01
3419 Gridded	5.10E-03	6.42E-04	5.08E-03	6.38E-04	5.43E-03	6.94E-04	5.43E-03	6.94E-04	1.36E-03	1.05E-04	5.08E-03	6.39E-04	6.51E-03	8.63E-04	6.51E-03	8.63E-04	5.10E-03	6.42E-04	5.43E-03	6.94E-04	5.14E-03	6.48E-04	5.09E-03	6.40E-04	5.12E-03	6.45E-04	5.11E-03	6.42E-04	1.11E+00	2.16E-01	3.18E+00	4.48E-01
3420 Gridded	4.80E-03	5.51E-04	4.79E-03	5.50E-04	4.95E-03	5.71E-04	4.95E-03	5.71E-04	1.13E-03	1.13E-04	4.80E-03	5.50E-04	6.04E-03	7.03E-04	6.04E-03	7.03E-04	4.80E-03	5.51E-04	4.95E-03	5.71E-04	4.82E-03	5.54E-04	4.80E-03	5.51E-04	4.81E-03	5.53E-04	4.81E-03	5.52E-04	1.12E+00	2.84E-01	2.98E+00	3.71E-01
3421 Gridded	4.60E-03	5.63E-04	4.58E-03	5.61E-04	4.94E-03	5.98E-04	4.94E-03	5.98E-04	7.70E-04	7.12E-05	4.59E-03	5.61E-04	6.01E-03	7.33E-04	6.01E-03	7.33E-04	4.60E-03	5.63E-04	4.94E-03	5.98E-04	4.64E-03	5.68E-04	4.60E-03	5.63E-04	4.62E-03	5.65E-04	4.61E-03	5.64E-04	1.15E+00	1.89E-01	3.12E+00	4.44E-01
3422 Gridded	4.34E-03	4.32E-04	4.33E-03	4.32E-04	4.47E-03	4.65E-04	4.47E-03	4.65E-04	5.90E-04	7.62E-05	4.34E-03	4.32E-04	5.18E-03	6.31E-04	5.18E-03	6.31E-04	4.34E-03	4.32E-04	4.47E-03	4.65E-04	4.36E-03	4.34E-04	4.34E-03	4.32E-04	4.35E-03	4.33E-04	4.34E-03	4.32E-04	9.25E-01	2.18E-01	2.84E+00	3.11E-01
3423 Gridded	3.05E-03	3.40E-04	3.04E-03	3.38E-04	3.26E-03	3.72E-04	3.26E-03	3.72E-04	5.33E-04	5.62E-05	3.04E-03	3.38E-04	4.25E-03	5.18E-04	4.25E-03	5.18E-04	3.05E-03	3.40E-04	3.26E-03	3.72E-04	3.08E-03	3.44E-04	3.05E-03	3.40E-04	3.06E-03	3.42E-04	3.05E-03	3.41E-04	8.83E-01	2.26E-01	2.35E+00	2.67E-01
3424 Gridded	3.27E-03	2.52E-04	3.24E-03	2.51E-04	3.57E-03	2.84E-04	3.57E-03	2.84E-04	6.52E-04	6.79E-05	3.25E-03	2.51E-04	4.82E-03	4.40E-04	4.82E-03	4.40E-04	3.27E-03	2.52E-04	3.57E-03	2.84E-04	3.30E-03	2.54E-04	3.26E-03	2.51E-04	3.28E-03	2.53E-04	3.27E-03	2.52E-04	9.34E-01	1.72E-01	2.49E+00	2.25E-01
3425 Gridded	4.09E-03	2.90E-04	4.05E-03	2.83E-04	4.73E-03	3.87E-04	4.73E-03	3.87E-04	5.98E-04	9.16E-05	4.06E-03	2.84E-04	6.79E-03	7.03E-04	6.79E-03	7.03E-04	4.10E-03	2.90E-04	4.73E-03	3.87E-04	4.17E-03	3.02E-04	4.08E-03	2.88E-04	4.13E-03	2.95E-04	4.10E-03	2.91E-04	9.09E-01	1.18E-01	2.74E+00	2.39E-01
3426 Gridded	4.80E-03	4.70E-04	4.77E-03	4.65E-04	5.25E-03	5.56E-04	5.25E-03	5.56E-04	5.29E-04	8.96E-05	4.78E-03	4.66E-04	6.69E-03	8.34E-04	6.69E-03	8.34E-04	4.80E-03	4.71E-04	5.25E-03	5.56E-04	4.86E-03	4.81E-04	4.79E-03	4.68E-04	4.83E-03	4.75E-04	4.81E-03	4.71E-04	3.00E+00	1.84E-01	3.28E+00	3.38E-01
3427 Gridded	3.96E-03	5.08E-04	3.94E-03	5.00E-04	4.24E-03	6.14E-04	4.24E-03	6.14E-04	5.86E-04	1.00E-04	3.95E-03	5.02E-04	5.74E-03	9.61E-04	5.74E-03	9.61E-04	3.96E-03	5.08E-04	4.24E-03	6.14E-04	4.00E-03	5.21E-04	3.95E-03	5.05E-04	3.98E-03	5.14E-04	3.96E-03	5.09E-04	4.83E+00	2.21E-01	5.58E+00	4.05E-01
3428 Gridded	4.01E-03	6.65E-04	3.97E-03	6.58E-04	4.59E-03	7.76E-04	4.59E-03	7.76E-04	6.23E-04	1.04E-04	3.98E-03	6.59E-04	6.47E-03	1.13E-03	6.47E-03	1.13E-03	4.01E-03	6.66E-04	4.59E-03	7.76E-04	4.08E-03	6.79E-04	3.99E-03	6.63E-04	4.04E-03	6.72E-04	4.01E-03	6.67E-04	3.69E+00	1.69E-01	6.45E+00	4.70E-01
3429 Gridded	4.33E-03	7.56E-04	4.29E-03	7.51E-04	4.92E-03	8.27E-04	4.92E-03	8.27E-04	6.91E-04	9.32E-05	4.30E-03	7.52E-04	6.83E-03	1.12E-03	6.83E-03	1.12E-03	4.33E-03	7.56E-04	4.92E-03	8.27E-04	4.40E-03	7.64E-04	4.31E-03	7.54E-04	4.36E-03	7.60E-04	4.33E-03	7.56E-04	2.03E+00	1.94E-01	4.31E+00	5.19E-01
3430 Gridded	4.87E-03	9.69E-04	4.85E-03	9.64E-04	5.20E-03	1.05E-03	5.20E-03	1.05E-03	5.80E-04	7.74E-05	4.85E-03	9.64E-04	6.55E-03	1.31E-03	6.55E-03	1.31E-03	4.87E-03	9.69E-04	5.20E-03	1.05E-03	4.91E-03	9.79E-04	4.86E-03	9.67E-04	4.89E-03	9.73E-04	4.87E-03	9.70E-04	1.92E+00	2.57E-01	6.87E+00	5.88E-01
3431 Gridded	5.10E-03	1.07E-03	5.08E-03	1.07E-03	5.44E-03	1.16E-03	5.44E-03	1.16E-03	6.07E-04	7.95E-05	5.09E-03	1.07E-03	6.58E-03	1.43E-03	6.58E-03	1.43E-03	5.10E-03	1.07E-03	5.44E-03	1.16E-03	5.14E-03	1.08E-03	5.10E-03	1.07E-03	5.12E-03	1.08E-03	5.11E-03	1.08E-03	1.88E+00	2.17E-01	8.58E+00	6.84E-01
3432 Gridded	6.12E-03	1.12E-03	6.08E-03	1.11E-03	6.63E-03	1.20E-03	6.63E-03	1.20E-03	7.38E-04	8.17E-05	6.09E-03	1.11E-03	8.29E-03	1.48E-03	8.29E-03	1.48E-03	6.12E-03	1.12E-03	6.63E-03	1.20E-03	6.18E-03	1.13E-03	6.11E-03	1.11E-03	6.15E-03	1.12E-03	6.12E-03	1.12E-03	1.48E+00	2.11E-01	7.99E+00	7.39E-01
3433 Gridded	7.89E-03	1.13E-03	7.85E-03	1.12E-03	8.51E-03	1.21E-03	8.51E-03	1.21E-03	8.97E-04	9.02E-05	7.86E-03	1.12E-03	1.05E-02	1.49E-03	1.05E-02	1.49E-03	7.89E-03	1.13E-03	8.51E-03	1.21E-03	7.97E-03	1.14E-03	7.88E-03	1.12E-03	7.93E-03	1.13E-03	7.90E-03	1.13E-03	1.03E+00	1.74E-01	6.12E+00	7.62E-01
3434 Gridded	9.08E-03	1.10E-03	9.03E-03	1.09E-03	9.77E-03	1.18E-03	9.77E-03	1.18E-03	1.04E-03	1.02E-04	9.04E-03	1.09E-03	1.20E-02	1.45E-03	1.20E-02	1.45E-03	9.08E-03	1.10E-03	9.77E-03	1.18E-03	9.17E-03	1.11E-03	9.06E-03	1.10E-03	9.12E-03	1.10E-03	9.09E-03	1.10E-03	8.95E-01	1.28E-01	5.11E+00	7.53E-01
3435 Gridded	9.70E-03	1.05E-03	9.65E-03	1.05E-03	1.04E-02	1.13E-03	1.04E-02	1.13E-03	1.06E-03	1.08E-04	9.66E-03	1.05E-03	1.28E-02	1.38E-03	1.28E-02	1.38E-03	9.70E-03	1.05E-03	1.04E-02	1.13E-03	9.79E-03	1.06E-03	9.68E-03	1.05E-03	9.74E-03	1.05E-03	9.70E-03	1.05E-03	9.21E-01	1.25E-01	5.52E+00	7.25E-01
3436 Gridded	9.78E-03	9.77E-04	9.73E-03	9.72E-04	1.05E-02	1.05E-03	1.05E-02	1.05E-03	1.09E-03	1.10E-04	9.74E-03	9.73E-04	1.29E-02	1.27E-03	1.29E-02	1.27E-03	9.79E-03	9.77E-04	1.05E-02	1.05E-03	9.87E-03	9.85E-04	9.77E-03	9.75E-04	9.83E-03	9.81E-04	9.79E-03	9.78E-04	8.98E-01	1.26E-01	5.64E+00	6.78E-01
3437 Gridded	6.86E-03	1.50E-03	6.82E-03	1.49E-03	7.44E-03	1.60E-03	7.44E-03	1.60E-03	7.72E-04	1.19E-04	6.83E-03	1.49E-03	9.30E-03	2.01E-03	9.30E-03	2.01E-03	6.86E-03	1.50E-03	7.44E-03	1.60E-03	6.93E-03	1.51E-03	6.85E-03	1.50E-03	6.89E-03	1.50E-03	6.87E-03	1.50E-03	7.56E-01	1.67E-01	3.91E+00	9.42E-01
3438 Gridded	6.36E-03	1.59E-03	6.32E-03	1.58E-03	6.86E-03	1.70E-03	6.86E-03	1.70E-03	7.29E-04	1.22E-04	6.33E-03	1.58E-03	8.64E-03	2.11E-03	8.64E-03	2.11E-03	6.36E-03	1.59E-03	6.86E-03	1.70E-03	6.42E-03	1.60E-03	6.34E-03	1.58E-03	6.39E-03	1.59E-03	6.36E-03	1.59E-03	7.88E-01	1.97E-01	3.73E+00	9.85E-01
3439 Gridded	6.73E-03	1.67E-03	6.69E-03	1.67E-03	7.28E-03	1.79E-03	7.28E-03	1.79E-03	6.52E-04	1.18E-04	6.70E-03	1.67E-03	9.06E-03	2.17E-03	9.06E-03	2.17E-03	6.73E-03	1.67E-03	7.28E-03	1.79E-03	6.79E-03	1.69E-03	6.71E-03	1.67E-03	6.76E-03	1.68E-03	6.73E-03	1.67E-03	7.46E-01	2.24E-01	3.97E+00	1.01E+00
3440 Gridded	6.88E-03	1.72E-03	6.85E-03	1.71E-03	7.42E-03	1.83E-03	7.42E-03	1.83E-03	7.61E-04	1.17E-04	6.85E-03	1.72E-03	9.17E-03	2.20E-03	9.17E-03	2.20E-03	6.89E-03	1.72E-03	7.42E-03	1.83E-03	6.95E-03	1.74E-03	6.87E-03	1.72E-03	6.92E-03	1.73E-03	6.89E-03	1.72E-03	7.37E-01	2.43E-01	4.03E+00	1.04E+00
3441 Gridded	6.86E-03	1.72E-03	6.82E-03	1.72E-03	7.37E-03	1.83E-03	7.37E-03	1.83E-03	9.05E-04	1.27E-04	6.83E-03	1.72E-03	9.05E-03	2.18E-03	9.05E-03	2.18E-03	6.86E-03	1.72E-03	7.37E-03	1.83E-03	6.92E-03	1.74E-03	6.85E-03	1.72E-03	6.89E-03	1.73E-03	6.86E-03	1.72E-03	8.05E-01	2.51E-01	3.97E+00	1.03E+00
3442 Gridded	6.65E-03	1.68E-03	6.62E-03	1.68E-03	7.12E-03	1.78E-03	7.12E-03	1.78E-03	9.49E-04	1.29E-04	6.62E-03	1.68E-03	1.00E-02	2.17E-03	1.00E-02	2.17E-03	6.65E-03	1.68E-03	7.12E-03	1.78E-03	6.71E-03	1.70E-03	6.64E-03	1.68E-03	6.68E-03	1.69E-03	6.66E-03	1.68E-03	8.07E-01	2.34E-01	3.81E+00	1.07E+00
3443 Gridded	7.02E-03	1.66E-03	6.98E-03	1.66E-03	7.53E-03	1.78E-03	7.53E-03	1.78E-03	8.61E-04	1.22E-04	6.99E-03	1.66E-03	9.98E-03	2.15E-03	9.98E-03	2.15E-03	7.02E-03	1.66E-03	7.53E-03	1.78E-03	7.08E-03	1.68E-03	7.00E-03	1.66E-03	7.05E-03	1.67E-03	7.02E-03	1.66E-03	8.39E-01	1.85E-01	4.06E+00	1.07E+00
3444 Gridded	7.59E-03	1.58E-03	7.56E-03	1.57E-03	8.10E-03	1.70E-03	8.10E-03	1.70E-03	8.32E-04	1.13E-04	7.56E-03	1.57E-03	9.74E-03	2.09E-03	9.74E-03	2.09E-03	7.59E-03	1.58E-03	8.10E-03	1.70E-03	7.65E-03	1.59E-03	7.58E-03	1.58E-03	7.62E-03	1.59E-03	7.60E-03	1.58E-03	9.27E-01	1.75E-01	4.38E+00	9.81E-01
3445 Gridded	7.77E-03	1.50E-03	7.73E-03	1.50E-03	8.30E-03	1.61E-03	8.30E-03	1.61E-03	8.21E-04	1.07E-04	7.74E-03	1.50E-03	1.00E-02	1.94E-03	1.00E-02	1.94E-03	7.77E-03	1.50E-03	8.30E-03	1.61E-03	7.84E-03	1.52E-03	7.76E-03	1.50E-03	7.80E-03	1.51E-03	7.78E-03	1.51E-03	8.17E-01	1.85E-01	4.48E+00	9.23E-01
3446 Gridded	7.68E-03	1.35E-03	7.65E-03	1.35E-03	8.13E-03	1.43E-03	8.13E-03	1.43E-03	8.75E-04	1.27E-04	7.65E-03	1.35E-03	9.62E-03	1.68E-03	9.62E-03	1.68E-03	7.68E-03	1.35E-03	8.13E-03	1.43E-03	7.73E-03	1.36E-03	7.67E-03	1.35E-03	7.71E-03	1.36E-03	7.68E-03	1.35E-03	8.52E-01	1.93E-01	4.40E+00	8.16E-01
3447 Gridded	6.87E-03	1.12E-03	6.85E-03	1.12E-03	7.18E-03	1.17E-03	7.18E-03	1.17E-03	8.22E-04	1.33E-04	6.85E-03	1.12E-03	8.20E-03	1.36E-03	8.20E-03	1.36E-03	6.87E-03	1.12E-03	7.18E-03	1.17E-03	6.91E-03	1.13E-03	6.86E-03	1.12E-03	6.89E-03	1.12E-03	6.87E-03	1.12E-03	8.90E-01	2.36E-01	3.90E+00	6.84E-01
3448 Gridded	5.85E-03	9.84E-04	5.83E-03	9.81E-04	6.17E-03	1.02E-03	6.17E-03	1.02E-03	9.69E-04	1.16E-04	5.84E-03	9.82E-04	7.20E-03	1.15E-03	7.20E-03	1.15E-03	5.85E-03	9.84E-04	6.17E-03	1.02E-03	5.89E-03	9.89E-04	5.85E-03	9.83E-04	5.87E-03	9.86E-04	5.86E-03	9.84E-04	9.98E-01	3.38E-01	3.48E+00	5.89E-01
3449 Gridded	5.95E-03	8.18E-04	5.92E-03	8.13E-04	6.32E-03	8.80E-04	6.32E-03	8.80E-04	7.77E-04	7.49E-05	5.92E-03	8.14E-04	7.55E-03	1.08E-03	7.55E-03	1.08E-03	5.95E-03	8.18E-04	6.32E-03	8.80E-04	5.99E-03	8.25E-04	5.94E-03	8.16E-04	5.97E-03	8.21E-04	5.95E-03	8.18E-04	1.14E+00	3.16E-01	3.61E+00	5.57E-01
3450 Gridded	5.94E-03	7.56E-04	5.93E-03	7.54E-04	6.17E-03	7.91E-04	6.17E-03	7.91E-04	1.15E-03	1.20E-04	5.93E-03	7.54E-04	7.54E-03	9.05E-04	7.54E-03	9.05E-04	5.94E-03	7.56E-04	6.17E-03	7.91E-04	5.97E-03	7.61E-04	5.94E-03	7.56E-04	5.96E-03	7.58E-04	5.94E-03	7.57E-04	9.77E-01	2.27E-01	3.51E+00	4.89E-01
3451 Gridded	5.49E-03	6.83E-04	5.47E-03	6.79E-04	5.78E-03	7.52E-04	5.78E-03	7.52E-04	8.16E-04	9.25E-05	5.47E-03	6.80E-04	7.10E-03	9.74E-04	7.10E-03	9.74E-04	5.49E-03	6.84E-04	5.78E-03	7.52E-04	5.52E-03	6.92E-04	5.48E-03	6.82E-04	5.50E-03	6.87E-04	5.49E-03	6.84E-04	1.06E+00	2.80E-01	3.45E+00	5.53E-01
3452 Gridded	5.68E-03	7.39E-04	5.66E-03	7.37E-04	5.96E-03	7.69E-04	5.96E-03	7.69E-04	7.25E-04	6.80E-05	5.67E-03	7.38E-04	6.87E-03	8.70E-04	6.87E-03	8.70E-04	5.68E-03	7.39E-04	5.96E-03	7.69E-04	5.72E-03	7.43E-04	5.68E-03	7.39E-04	5.70E-03	7.41E-04	5.68E-03	7.40E-04	1.08E+00	2.18E-01	3.61E+00	5.52E-01
3453 Gridded	5.03E-03	4.88E-04	5.01E-03	4.84E-04	5.31E-03	5.39E-04	5.31E-03	5.39E-04	5.84E-04	7.27E-05	5.01E-03	4.85E-04	6.23E-03	7.06E-04	6.23E-03	7.06E-04	5.03E-03	4.88E-04	5.31E-03	5.39E-04	5.06E-03	4.94E-04	5.02E-03	4.87E-04	5.04E-03	4.91E-04	5.03E-03	4.88E-04	8.90E-01	2.65E-01	3.34E+00	3.48E-01
3454 Gridded	3.96E-03	4.12E-04	3.95E-03	4.10E-04	4.20E-03	4.48E-04	4.20E-03	4.48E-04	5.48E-04	6.73E-05	3.95E-03	4.10E-04	4.98E-03	6.24E-04	4.98E-03	6.24E-04	3.96E-03	4.12E-04	4.20E-03	4.48E-04	3.99E-03	4.17E-04	3.96E-03	4.11E-04	3.98E-03	4.14E-04	3.97E-03	4.13E-04	8.73E-01	2.60E-01	2.82E+00	3.18E-01
3455 Gridded	3.90E-03	3.47E-04	3.87E-03	3.45E-04	4.31E-03	3.76E-04	4.31E-03	3.76E-04	5.99E-04	5.87E-05	3.88E-03	3.46E-04	5.65E-03	5.05E-04	5.65E-03	5.05E-04	3.90E-03	3.47E-04	4.31E-03	3.76E-04	3.95E-03	3.50E-04	3.89E-03	3.46E-04	3.93E-03	3.48E-04	3.91E-03	3.47E-04	8.75E-01	1.84E-01	2.78E+00	2.89E-01
3456 Gridded	3.83E-03	2.99E-04	3.81E-03	2.96E-04	4.43E-03	3.50E-04	4.43E-03	3.50E-04	6.09E-04	7.70E-05	3.81E-03	2.96E-04	6.53E-03	5.70E-04	6.53E-03	5.70E-04	3.83E-03	2.99E-04	4.43E-03	3.50E-04	3.86E-03	3.05E-04	3.82E-03	2.98E-04	3.84E-03	3.02E-04	3.83E-03	3.00E-04	8.42E-01	1.67E-01	2.73E+00	2.64E-01
3457 Gridded	5.62E-03	4.67E-04	5.59E-03	4.60E-04	6.21E-03	5.68E-04	6.21E-03	5.68E-04	5.67E-04	9.48E-05	5.59E-03	4.61E-04	8.09E-03	8.95E-04	8.09E-03	8.95E-04	5.63E-03	4.67E-04	6.21E-03	5.68E-04	5.70E-03	4.79E-04	5.61E-03	4.65E-04	5.66E-03	4.73E-04	5.63E-03	4.68E-04	1.65E+00	1.59E-01	3.58E+00	3.09E-01
3458 Gridded	5.84E-03	6.53E-04	5.81E-03	6.46E-04	6.29E-03	7.55E-04	6.29E-03	7.55E-04	5.79E-04	9.89E-05	5.82E-03	6.48E-04	7.74E-03	1.08E-03	7.74E-03	1.08E-03	5.84E-03	6.54E-04	6.29E-03	7.55E-04	5.90E-03	6.66E-04	5.83E-03	6.51E-04	5.87E-03	6.59E-04	5.85E-03	6.54E-04	3.54E+00	2.07E-01	3.73E+00	4.57E-01
3459 Gridded	4.80E-03	6.71E-04	4.78E-03	6.63E-04	5.11E-03	7.94E-04	5.11E-03	7.94E-04	6.26E-04	1.16E-04	4.79E-03	6.64E-04	6.67E-03	1.19E-03	6.67E-03	1.19E-03	4.81E-03	6.71E-04	5.11E-03	7.94E-04	4.84E-03	6.86E-04	4.80E-03	6.68E-04	4.82E-03	6.78E-04	4.81E-03	6.72E-04	3.65E+00	1.75E-01	4.22E+00	4.97E-01
3460 Gridded	4.78E-03	8.22E-04	4.74E-03	8.14E-04	5.39E-03	9.44E-04	5.39E-03	9.44E-04	5.78E-04	1.15E-04	4.74E-03	8.16E-04	7.38E-03	1.34E-03	7.38E-03	1.34E-03	4.78E-03	8.23E-04	5.39E-03	9.44E-04	4.85E-03	8.38E-04	4.76E-03	8.20E-04	4.81E-03	8.30E-04	4.78E-03	8.24E-04	2.48E+00	1.39E-01	3.72E+00	5.49E-01
3461 Gridded	5.11E-03	9.04E-04	5.07E-03	8.97E-04	5.72E-03	1.02E-03	5.72E-03	1.02E-03	6.97E-04	1.04E-04	5.08E-03	8.98E-04	7.68E-03	1.37E-03	7.68E-03	1.37E-03	5.11E-03	9.05E-04	5.72E-03	1.02E-03	5.19E-03	9.18E-04	5.10E-03	9.02E-04	5.15E-03	9.11E-04	5.12E-03	9.06E-04	1.68E+00	1.69E-01	3.36E+00	6.18E-01
3462 Gridded	5.61E-03	9.91E-04	5.57E-03	9.85E-04	6.14E-03	1.07E-03	6.14E-03	1.07E-03	6.86E-04	8.99E-05	5.58E-03	9.86E-04	7.89E-03	1.35E-03	7.89E-03	1.35E-03	5.61E-03	9.91E-04	6.14E-03	1.07E-03	5.67E-03	1.00E-03	5.59E-03	9.89E-04	5.64E-03	9.96E-04	5.61E-03	9.92E-04	1.80E+00	2.43E-01	6.19E+00	6.24E-01
3463 Gridded	5.50E-03	1.19E-03	5.47E-03	1.18E-03	5.97E-03	1.28E-03	5.97E-03	1.28E-03	6.31E-04	8.77E-05	5.47E-03	1.18E-03	7.48E-03	1.58E-03	7.48E-03	1.58E-03	5.50E-03	1.19E-03	5.97E-03	1.28E-03	5.56E-03	1.20E-03	5.49E-03	1.19E-03	5.53E-03	1.19E-03	5.50E-03	1.19E-03	1.87E+00	2.39E-01	7.95E+00	7.34E-01
3464 Gridded	7.37E-03	1.33E-03	7.34E-03	1.32E-03	7.89E-03	1.42E-03	7.89E-03	1.42E-03	7.32E-04	9.08E-05	7.34E-03	1.32E-03	9.60E-03	1.74E-03	9.60E-03	1.74E-03	7.37E-03	1.33E-03	7.89E-03	1.42E-03	7.44E-03	1.34E-03	7.36E-03	1.33E-03	7.40E-03	1.33E-03	7.38E-03	1.33E-03	1.60E+00	2.19E-01	7.78E+00	8.35E-01
3465 Gridded	9.21E-03	1.40E-03	9.17E-03	1.39E-03	9.84E-03	1.49E-03	9.84E-03	1.49E-03	9.45E-04	9.02E-05	9.17E-03	1.39E-03	1.19E-02	1.80E-03	1.19E-02	1.80E-03	9.21E-03	1.40E-03	9.84E-03	1.49E-03	9.29E-03	1.41E-03	9.20E-03	1.40E-03	9.25E-03	1.40E-03	9.22E-03	1.40E-03	1.18E+00	2.04E-01	6.34E+00	8.90E-01
3466 Gridded	1.04E-02	1.38E-03	1.04E-02	1.37E-03	1.11E-02	1.47E-03	1.11E-02	1.47E-03	9.59E-04	8.66E-05	1.04E-02	1.37E-03	1.34E-02	1.77E-03	1.34E-02	1.77E-03	1.04E-02	1.38E-03	1.11E-02	1.47E-03	1.05E-02	1.39E-03	1.04E-02	1.38E-03	1.05E-02	1.38E-03	1.04E-02	1.38E-03	8.47E-01	1.59E-01	5.81E+00	8.85E-01
3467 Gridded	1.10E-02	1.31E-03	1.10E-02	1.30E-03	1.18E-02	1.40E-03	1.18E-02	1.40E-03	8.71E-04	8.87E-05	1.10E-02	1.30E-03	1.42E-02	1.68E-03	1.42E-02	1.68E-03	1.10E-02	1.31E-03	1.18E-02	1.40E-03	1.11E-02	1.32E-03	1.10E-02	1.31E-03	1.11E-02	1.31E-03	1.10E-02	1.31E-03	9.14E-01	1.15E-01	6.19E+00	8.43E-01
3468 Gridded	6.72E-03	1.68E-03	6.68E-03	1.67E-03	7.29E-03	1.81E-03	7.29E-03	1.81E-03	6.59E-04	1.17E-04	6.68E-03	1.67E-03	9.17E-03	2.21E-03	9.17E-03	2.21E-03	6.72E-03	1.68E-03	7.29E-03	1.81E-03	6.79E-03	1.70E-03	6.70E-03	1.68E-03	6.75E-03	1.69E-03	6.72E-03	1.68E-03	7.16E-01	2.24E-01	3.95E+00	1.03E+00
3469 Gridded	6.96E-03	1.71E-03	6.93E-03	1.70E-03	7.35E-03	1.82E-03	7.35E-03	1.82E-03	6.95E-04	1.18E-04	6.93E-03	1.70E-03	8.90E-03	2.21E-03	8.90E-03	2.21E-03	6.96E-03	1.71E-03	7.35E-03	1.82E-03	7.01E-03	1.72E-03	6.95E-03	1.70E-03	6.98E-03	1.71E-03	6.96E-03	1.71E-03	7.48E-01	2.39E-01	3.85E+00	1.03E+00
3470 Gridded	7.55E-03	1.68E-03	7.53E-03	1.68E-03	7.79E-03	1.79E-03	7.79E-03	1.79E-03	7.98E-04	1.28E-04	7.53E-03	1.68E-03	8.91E-03	2.13E-03	8.91E-03	2.13E-03	7.55E-03	1.68E-03	7.79E-03	1.79E-03	7.58E-03	1.70E-03	7.54E-03	1.68E-03	7.56E-03	1.69E-03	7.55E-03	1.68E-03	7.53E-01	2.41E-01	4.10E+00	1.01E+00
3471 Gridded	7.71E-03	1.73E-03	7.70E-03	1.72E-03	7.83E-03	1.86E-03	7.83E-03	1.86E-03	8.57E-04	1.31E-04	7.70E-03	1.72E-03	1.01E-02	2.29E-03	1.01E-02	2.29E-03	7.71E-03	1.73E-03	7.83E-03	1.86E-03	7.73E-03	1.74E-03	7.71E-03	1.73E-03	7.72E-03	1.74E-03	7.71E-03	1.73E-03	7.70E-01	2.29E-01	4.16E+00	1.11E+00
3472 Gridded	7.30E-03	1.84E-03	7.30E-03	1.83E-03	7.91E-03	1.97E-03	7.91E-03	1.97E-03	8.49E-04	1.29E-04	7.30E-03	1.83E-03	1.08E-02	2.39E-03	1.08E-02	2.39E-03	7.30E-03	1.84E-03	7.91E-03	1.97E-03	7.31E-03	1.86E-03	7.30E-03	1.84E-03	7.30E-03	1.85E-03	7.30E-03	1.84E-03	7.98E-01	1.99E-01	4.17E+00	1.17E+00
3473 Gridded	7.32E-03	1.86E-03	7.27E-03	1.85E-03	8.08E-03	1.98E-03	8.08E-03	1.98E-03	7.60E-04	1.19E-04	7.28E-03	1.86E-03	1.05E-02	2.36E-03	1.05E-02	2.36E-03	7.33E-03	1.86E-03	8.08E-03	1.98E-03	7.42E-03	1.88E-03	7.31E-03	1.86E-03	7.37E-03	1.87E-03	7.33E-03	1.86E-03	8.63E-01	1.64E-01	4.21E+00	1.17E+00
3474 Gridded	6.66E-03	1.77E-03	6.62E-03	1.76E-03	7.16E-03	1.86E-03	7.16E-03	1.86E-03	8.59E-04	1.07E-04	6.63E-03	1.76E-03	8.79E-03	2.20E-03	8.79E-03	2.20E-03	6.66E-03	1.77E-03	7.16E-03	1.86E-03	6.72E-03	1.78E-03	6.64E-03	1.76E-03	6.68E-03	1.77E-03	6.66E-03	1.77E-03	9.04E-01	1.66E-01	3.77E+00	1.08E+00
3475 Gridded	6.92E-03	1.57E-03	6.90E-03	1.57E-03	7.39E-03	1.67E-03	7.39E-03	1.67E-03	8.37E-04	1.22E-04	6.90E-03	1.57E-03	9.11E-03	1.98E-03	9.11E-03	1.98E-03	6.92E-03	1.57E-03	7.39E-03	1.67E-03	6.97E-03	1.59E-03	6.91E-03	1.57E-03	6.95E-03	1.58E-03	6.93E-03	1.57E-03	8.15E-01	1.74E-01	3.99E+00	9.43E-01
3476 Gridded	7.28E-03	1.43E-03	7.25E-03	1.42E-03	7.69E-03	1.50E-03	7.69E-03	1.50E-03	9.17E-04	1.40E-04	7.26E-03	1.42E-03	9.26E-03	1.75E-03	9.26E-03	1.75E-03	7.28E-03	1.43E-03	7.69E-03	1.50E-03	7.33E-03	1.44E-03	7.27E-03	1.42E-03	7.30E-03	1.43E-03	7.28E-03	1.43E-03	8.28E-01	1.76E-01	4.17E+00	8.44E-01
3477 Gridded	6.89E-03	1.28E-03	6.87E-03	1.27E-03	7.29E-03	1.35E-03	7.29E-03	1.35E-03	9.12E-04	1.54E-04	6.87E-03	1.27E-03	9.07E-03	1.60E-03	9.07E-03	1.60E-03	6.89E-03	1.28E-03	7.29E-03	1.35E-03	6.93E-03	1.29E-03	6.88E-03	1.28E-03	6.91E-03	1.28E-03	6.89E-03	1.28E-03	8.62E-01	2.13E-01	4.04E+00	7.91E-01
3478 Gridded	6.75E-03	1.13E-03	6.72E-03	1.12E-03	7.20E-03	1.17E-03	7.20E-03	1.17E-03	1.01E-03	1.40E-04	6.73E-03	1.12E-03	8.64E-03	1.46E-03	8.64E-03	1.46E-03	6.75E-03	1.13E-03	7.20E-03	1.17E-03	6.81E-03	1.13E-03	6.74E-03	1.12E-03	6.78E-03	1.13E-03	6.76E-03	1.13E-03	9.92E-01	3.13E-01	4.02E+00	6.69E-01
3479 Gridded	6.03E-03	9.76E-04	6.00E-03	9.70E-04	6.42E-03	1.07E-03	6.42E-03	1.07E-03	8.72E-04	1.11E-04	6.00E-03	9.71E-04	7.96E-03	1.36E-03	7.96E-03	1.36E-03	6.03E-03	9.76E-04	6.42E-03	1.07E-03	6.07E-03	9.87E-04	6.02E-03	9.74E-04	6.05E-03	9.81E-04	6.03E-03	9.77E-04	1.10E+00	3.56E-01	3.62E+00	6.66E-01
3480 Gridded	6.22E-03	8.74E-04	6.20E-03	8.71E-04	6.51E-03	9.21E-04	6.51E-03	9.21E-04	9.51E-04	8.92E-05	6.20E-03	8.71E-04	8.12E-03	1.08E-03	8.12E-03	1.08E-03	6.22E-03	8.74E-04	6.51E-03	9.21E-04	6.25E-03	8.79E-04	6.21E-03	8.73E-04	6.23E-03	8.76E-04	6.22E-03	8.74E-04	1.05E+00	2.00E-01	3.65E+00	5.70E-01
3481 Gridded	6.48E-03	8.15E-04	6.45E-03	8.14E-04	6.91E-03	8.35E-04	6.91E-03	8.35E-04	9.72E-04	1.21E-04	6.45E-03	8.14E-04	8.32E-03	1.09E-03	8.32E-03	1.09E-03	6.48E-03	8.15E-04	6.91E-03	8.35E-04	6.53E-03	8.18E-04	6.47E-03	8.15E-04	6.50E-03	8.16E-04	6.48E-03	8.15E-04	9.53E-01	2.72E-01	4.00E+00	5.73E-01
3482 Gridded	6.25E-03	9.43E-04	6.22E-03	9.39E-04	6.72E-03	1.01E-03	6.72E-03	1.01E-03	7.32E-04	7.74E-05	6.22E-03	9.40E-04	8.24E-03	1.21E-03	8.24E-03	1.21E-03	6.25E-03	9.43E-04	6.72E-03	1.01E-03	6.31E-03	9.51E-04	6.24E-03	9.42E-04	6.28E-03	9.47E-04	6.25E-03	9.44E-04	9.71E-01	2.34E-01	3.90E+00	6.93E-01
3483 Gridded	6.29E-03	8.86E-04	6.28E-03	8.84E-04	6.55E-03	9.14E-04	6.55E-03	9.14E-04	6.52E-04	6.57E-05	6.28E-03	8.84E-04	7.79E-03	1.01E-03	7.79E-03	1.01E-03	6.29E-03	8.86E-04	6.55E-03	9.14E-04	6.32E-03	8.89E-04	6.29E-03	8.85E-04	6.31E-03	8.87E-04	6.30E-03	8.86E-04	1.07E+00	2.46E-01	3.83E+00	6.27E-01
3484 Gridded	5.89E-03	5.68E-04	5.87E-03	5.65E-04	6.19E-03	6.21E-04	6.19E-03	6.21E-04	5.64E-04	6.87E-05	5.87E-03	5.65E-04	7.16E-03	7.92E-04	7.16E-03	7.92E-04	5.89E-03	5.68E-04	6.19E-03	6.21E-04	5.92E-03	5.75E-04	5.88E-03	5.67E-04	5.90E-03	5.71E-04	5.89E-03	5.69E-04	8.74E-01	2.92E-01	3.72E+00	4.08E-01
3485 Gridded	4.92E-03	4.95E-04	4.90E-03	4.92E-04	5.22E-03	5.45E-04	5.22E-03	5.45E-04	5.07E-04	7.14E-05	4.91E-03	4.92E-04	6.20E-03	7.08E-04	6.20E-03	7.08E-04	4.92E-03	4.95E-04	5.22E-03	5.45E-04	4.96E-03	5.01E-04	4.92E-03	4.94E-04	4.94E-03	4.98E-04	4.93E-03	4.96E-04	8.98E-01	2.69E-01	3.28E+00	3.72E-01
3486 Gridded	4.48E-03	4.67E-04	4.45E-03	4.65E-04	4.96E-03	5.01E-04	4.96E-03	5.01E-04	4.85E-04	5.71E-05	4.46E-03	4.66E-04	6.50E-03	6.11E-04	6.50E-03	6.11E-04	4.49E-03	4.68E-04	4.96E-03	5.01E-04	4.54E-03	4.72E-04	4.47E-03	4.67E-04	4.51E-03	4.69E-04	4.49E-03	4.68E-04	8.75E-01	2.21E-01	3.00E+00	3.53E-01
3487 Gridded	5.02E-03	3.91E-04	5.00E-03	3.88E-04	5.36E-03	4.36E-04	5.36E-03	4.36E-04	5.82E-04	6.07E-05	5.00E-03	3.88E-04	6.45E-03	6.04E-04	6.45E-03	6.04E-04	5.02E-03	3.91E-04	5.36E-03	4.36E-04	5.06E-03	3.96E-04	5.02E-03	3.90E-04	5.04E-03	3.93E-04	5.03E-03	3.91E-04	8.59E-01	2.07E-01	3.31E+00	3.51E-01
3488 Gridded	5.66E-03	4.43E-04	5.62E-03	4.40E-04	6.30E-03	5.13E-04	6.30E-03	5.13E-04	5.98E-04	9.59E-05	5.63E-03	4.40E-04	8.36E-03	8.44E-04	8.36E-03	8.44E-04	5.66E-03	4.43E-04	6.30E-03	5.13E-04	5.74E-03	4.50E-04	5.65E-03	4.42E-04	5.70E-03	4.46E-04	5.67E-03	4.44E-04	9.89E-01	1.26E-01	3.46E+00	3.57E-01
3489 Gridded	6.60E-03	6.60E-04	6.56E-03	6.52E-04	7.14E-03	7.79E-04	7.14E-03	7.79E-04	6.33E-04	1.12E-04	6.57E-03	6.53E-04	8.89E-03	1.17E-03	8.89E-03	1.17E-03	6.60E-03	6.60E-04	7.14E-03	7.79E-04	6.67E-03	6.74E-04	6.59E-03	6.57E-04	6.63E-03	6.67E-04	6.60E-03	6.61E-04	1.99E+00	1.91E-01	4.04E+00	4.26E-01
3490 Gridded	6.13E-03	7.80E-04	6.10E-03	7.72E-04	6.53E-03	8.90E-04	6.53E-03	8.90E-04	5.98E-04	1.04E-04	6.10E-03	7.74E-04	7.86E-03	1.25E-03	7.86E-03	1.25E-03	6.13E-03	7.80E-04	6.53E-03	8.90E-04	6.18E-03	7.93E-04	6.12E-03	7.77E-04	6.15E-03	7.86E-04	6.13E-03	7.81E-04	2.49E+00	2.00E-01	3.79E+00	5.31E-01
3491 Gridded	5.18E-03	8.01E-04	5.17E-03	7.93E-04	5.47E-03	9.25E-04	5.47E-03	9.25E-04	6.03E-04	1.16E-04	5.17E-03	7.95E-04	7.24E-03	1.32E-03	7.24E-03	1.32E-03	5.18E-03	8.02E-04	5.47E-03	9.25E-04	5.22E-03	8.17E-04	5.18E-03	7.99E-04	5.20E-03	8.09E-04	5.19E-03	8.03E-04	2.23E+00	1.64E-01	3.27E+00	5.70E-01
3492 Gridded	5.68E-03	1.01E-03	5.64E-03	9.98E-04	6.28E-03	1.13E-03	6.28E-03	1.13E-03	5.65E-04	1.16E-04	5.65E-03	1.00E-03	8.23E-03	1.53E-03	8.23E-03	1.53E-03	5.68E-03	1.01E-03	6.28E-03	1.13E-03	5.76E-03	1.02E-03	5.67E-03	1.00E-03	5.72E-03	1.01E-03	5.69E-03	1.01E-03	1.84E+00	1.31E-01	3.45E+00	6.37E-01

Scenario 2 Results

3493	Gridded	5.85E-03	1.08E-03	5.82E-03	1.08E-03	6.35E-03	1.20E-03	6.35E-03	1.20E-03	6.63E-04	1.07E-04	5.82E-03	1.08E-03	7.96E-03	1.57E-03	7.96E-03	1.57E-03	5.85E-03	1.09E-03	6.35E-03	1.20E-03	5.91E-03	1.10E-03	5.84E-03	1.08E-03	5.88E-03	1.09E-03	5.85E-03	1.09E-03	1.50E+00	1.64E-01	3.62E+00	6.95E-01
3494	Gridded	6.13E-03	1.10E-03	6.09E-03	1.09E-03	6.64E-03	1.20E-03	6.64E-03	1.20E-03	7.18E-04	9.44E-05	6.10E-03	1.09E-03	8.30E-03	1.53E-03	8.30E-03	1.53E-03	6.13E-03	1.10E-03	6.64E-03	1.20E-03	6.19E-03	1.11E-03	6.12E-03	1.10E-03	6.16E-03	1.11E-03	6.13E-03	1.10E-03	1.66E+00	2.30E-01	5.68E+00	7.08E-01
3495	Gridded	6.56E-03	1.30E-03	6.53E-03	1.29E-03	7.11E-03	1.39E-03	7.11E-03	1.39E-03	6.64E-04	8.88E-05	6.53E-03	1.29E-03	8.86E-03	1.70E-03	8.86E-03	1.70E-03	6.57E-03	1.30E-03	7.11E-03	1.39E-03	6.63E-03	1.31E-03	6.55E-03	1.30E-03	6.60E-03	1.30E-03	6.57E-03	1.30E-03	1.75E+00	2.47E-01	7.06E+00	7.82E-01
3496	Gridded	7.96E-03	1.49E-03	7.93E-03	1.48E-03	8.46E-03	1.59E-03	8.46E-03	1.59E-03	6.40E-04	9.32E-05	7.93E-03	1.48E-03	1.01E-02	1.91E-03	1.01E-02	1.91E-03	7.96E-03	1.49E-03	8.46E-03	1.59E-03	8.02E-03	1.50E-03	7.95E-03	1.48E-03	7.99E-03	1.49E-03	7.97E-03	1.49E-03	1.58E+00	2.13E-01	7.25E+00	9.05E-01
3497	Gridded	9.66E-03	1.54E-03	9.62E-03	1.53E-03	1.03E-02	1.64E-03	1.03E-02	1.64E-03	8.01E-04	9.24E-05	9.62E-03	1.54E-03	1.22E-02	1.96E-03	1.22E-02	1.96E-03	9.66E-03	1.54E-03	1.03E-02	1.64E-03	9.73E-03	1.55E-03	9.64E-03	1.54E-03	9.69E-03	1.55E-03	9.66E-03	1.54E-03	1.25E+00	2.13E-01	6.27E+00	9.48E-01
3498	Gridded	1.08E-02	1.50E-03	1.07E-02	1.49E-03	1.14E-02	1.59E-03	1.14E-02	1.59E-03	9.39E-04	8.84E-05	1.07E-02	1.49E-03	1.36E-02	1.90E-03	1.36E-02	1.90E-03	1.08E-02	1.50E-03	1.14E-02	1.59E-03	1.08E-02	1.51E-03	1.07E-02	1.50E-03	1.08E-02	1.51E-03	1.08E-02	1.50E-03	8.80E-01	1.81E-01	5.94E+00	9.29E-01
3499	Gridded	8.63E-03	1.67E-03	8.60E-03	1.66E-03	9.01E-03	1.77E-03	9.01E-03	1.77E-03	6.91E-04	1.28E-04	8.61E-03	1.66E-03	1.02E-02	2.10E-03	1.02E-02	2.10E-03	8.63E-03	1.67E-03	9.01E-03	1.77E-03	8.67E-03	1.68E-03	8.62E-03	1.66E-03	8.65E-03	1.67E-03	8.63E-03	1.67E-03	7.15E-01	2.30E-01	4.74E+00	1.02E+00
3500	Gridded	9.15E-03	1.68E-03	9.13E-03	1.68E-03	9.39E-03	1.82E-03	9.39E-03	1.82E-03	7.70E-04	1.29E-04	9.14E-03	1.68E-03	1.02E-02	2.25E-03	1.02E-02	2.25E-03	9.15E-03	1.68E-03	9.39E-03	1.82E-03	9.18E-03	1.70E-03	9.15E-03	1.68E-03	9.16E-03	1.69E-03	9.15E-03	1.69E-03	7.34E-01	2.25E-01	4.96E+00	1.07E+00
3501	Gridded	9.03E-03	1.81E-03	9.02E-03	1.80E-03	9.15E-03	1.95E-03	9.15E-03	1.95E-03	7.77E-04	1.31E-04	9.02E-03	1.81E-03	1.07E-02	2.38E-03	1.07E-02	2.38E-03	9.03E-03	1.81E-03	9.15E-03	1.95E-03	9.04E-03	1.83E-03	9.02E-03	1.81E-03	9.03E-03	1.82E-03	9.03E-03	1.82E-03	7.59E-01	2.00E-01	4.86E+00	1.15E+00
3502	Gridded	8.17E-03	1.90E-03	8.16E-03	1.89E-03	8.27E-03	2.02E-03	8.27E-03	2.02E-03	6.91E-04	1.23E-04	8.16E-03	1.89E-03	1.07E-02	2.43E-03	1.07E-02	2.43E-03	8.17E-03	1.90E-03	8.27E-03	2.02E-03	8.17E-03	1.91E-03	8.17E-03	1.90E-03	8.17E-03	1.91E-03	8.17E-03	1.90E-03	7.69E-01	1.62E-01	4.38E+00	1.19E+00
3503	Gridded	7.22E-03	1.90E-03	7.18E-03	1.89E-03	7.81E-03	2.01E-03	7.81E-03	2.01E-03	7.67E-04	1.11E-04	7.19E-03	1.89E-03	9.72E-03	2.37E-03	9.72E-03	2.37E-03	7.23E-03	1.90E-03	7.81E-03	2.01E-03	7.30E-03	1.91E-03	7.21E-03	1.89E-03	7.26E-03	1.90E-03	7.23E-03	1.90E-03	8.26E-01	1.54E-01	4.08E+00	1.17E+00
3504	Gridded	6.38E-03	1.79E-03	6.35E-03	1.78E-03	6.77E-03	1.88E-03	6.77E-03	1.88E-03	8.32E-04	1.10E-04	6.36E-03	1.78E-03	8.96E-03	2.21E-03	8.96E-03	2.21E-03	6.38E-03	1.79E-03	6.77E-03	1.88E-03	6.43E-03	1.80E-03	6.37E-03	1.79E-03	6.40E-03	1.80E-03	6.38E-03	1.79E-03	8.24E-01	1.56E-01	3.63E+00	1.08E+00
3505	Gridded	6.30E-03	1.59E-03	6.25E-03	1.59E-03	7.08E-03	1.67E-03	7.08E-03	1.67E-03	8.62E-04	1.35E-04	6.26E-03	1.59E-03	9.59E-03	1.91E-03	9.59E-03	1.91E-03	6.30E-03	1.59E-03	7.08E-03	1.67E-03	6.40E-03	1.60E-03	6.28E-03	1.59E-03	6.35E-03	1.60E-03	6.31E-03	1.59E-03	8.48E-01	1.60E-01	3.82E+00	9.52E-01
3506	Gridded	6.55E-03	1.49E-03	6.52E-03	1.48E-03	7.04E-03	1.60E-03	7.04E-03	1.60E-03	9.17E-04	1.49E-04	6.53E-03	1.49E-03	8.87E-03	1.94E-03	8.87E-03	1.94E-03	6.55E-03	1.49E-03	7.04E-03	1.60E-03	6.61E-03	1.50E-03	6.54E-03	1.49E-03	6.58E-03	1.50E-03	6.56E-03	1.49E-03	8.55E-01	1.71E-01	3.87E+00	9.26E-01
3507	Gridded	6.76E-03	1.44E-03	6.72E-03	1.43E-03	7.30E-03	1.52E-03	7.30E-03	1.52E-03	9.15E-04	1.62E-04	6.73E-03	1.43E-03	9.05E-03	1.78E-03	9.05E-03	1.78E-03	6.76E-03	1.44E-03	7.30E-03	1.52E-03	6.82E-03	1.45E-03	6.74E-03	1.44E-03	6.79E-03	1.44E-03	6.76E-03	1.44E-03	8.55E-01	1.93E-01	3.94E+00	8.73E-01
3508	Gridded	7.28E-03	1.23E-03	7.25E-03	1.22E-03	7.75E-03	1.28E-03	7.75E-03	1.28E-03	9.24E-04	1.50E-04	7.26E-03	1.22E-03	9.29E-03	1.66E-03	9.29E-03	1.66E-03	7.28E-03	1.23E-03	7.75E-03	1.28E-03	7.34E-03	1.23E-03	7.27E-03	1.22E-03	7.31E-03	1.23E-03	7.29E-03	1.23E-03	9.45E-01	2.93E-01	4.21E+00	7.47E-01
3509	Gridded	6.94E-03	1.19E-03	6.92E-03	1.18E-03	7.30E-03	1.30E-03	7.30E-03	1.30E-03	9.91E-04	1.51E-04	6.92E-03	1.18E-03	8.86E-03	1.68E-03	8.86E-03	1.68E-03	6.94E-03	1.19E-03	7.30E-03	1.30E-03	6.99E-03	1.20E-03	6.94E-03	1.19E-03	6.97E-03	1.19E-03	6.95E-03	1.19E-03	1.04E+00	3.44E-01	3.99E+00	7.80E-01
3510	Gridded	6.58E-03	1.14E-03	6.56E-03	1.14E-03	6.99E-03	1.21E-03	6.99E-03	1.21E-03	7.56E-04	8.87E-05	6.56E-03	1.14E-03	8.58E-03	1.43E-03	8.58E-03	1.43E-03	6.59E-03	1.14E-03	6.99E-03	1.21E-03	6.63E-03	1.15E-03	6.58E-03	1.14E-03	6.61E-03	1.14E-03	6.59E-03	1.14E-03	1.13E+00	2.62E-01	3.92E+00	7.13E-01
3511	Gridded	6.97E-03	9.24E-04	6.93E-03	9.21E-04	7.51E-03	9.58E-04	7.51E-03	9.58E-04	9.52E-04	1.15E-04	6.93E-03	9.22E-04	9.29E-03	1.14E-03	9.29E-03	1.14E-03	6.97E-03	9.24E-04	7.51E-03	9.58E-04	7.03E-03	9.28E-04	6.95E-03	9.23E-04	7.00E-03	9.26E-04	6.97E-03	9.24E-04	9.05E-01	2.09E-01	4.23E+00	6.10E-01
3512	Gridded	6.83E-03	9.67E-04	6.81E-03	9.62E-04	7.21E-03	1.04E-03	7.21E-03	1.04E-03	8.29E-04	1.11E-04	6.81E-03	9.63E-04	8.44E-03	1.32E-03	8.44E-03	1.32E-03	6.83E-03	9.68E-04	7.21E-03	1.04E-03	6.88E-03	9.77E-04	6.82E-03	9.66E-04	6.85E-03	9.72E-04	6.83E-03	9.68E-04	9.61E-01	2.67E-01	4.08E+00	6.94E-01
3513	Gridded	6.79E-03	1.08E-03	6.76E-03	1.07E-03	7.19E-03	1.13E-03	7.19E-03	1.13E-03	6.23E-04	7.97E-05	6.76E-03	1.07E-03	8.51E-03	1.32E-03	8.51E-03	1.32E-03	6.79E-03	1.08E-03	7.19E-03	1.13E-03	6.84E-03	1.08E-03	6.78E-03	1.08E-03	6.81E-03	1.08E-03	6.79E-03	1.08E-03	8.90E-01	1.91E-01	4.10E+00	7.58E-01
3514	Gridded	6.41E-03	9.43E-04	6.37E-03	9.42E-04	6.96E-03	9.70E-04	6.96E-03	9.70E-04	6.15E-04	6.18E-05	6.38E-03	9.42E-04	8.73E-03	1.06E-03	8.73E-03	1.06E-03	6.41E-03	9.44E-04	6.96E-03	9.70E-04	6.48E-03	9.47E-04	6.40E-03	9.43E-04	6.44E-03	9.45E-04	6.42E-03	9.44E-04	9.36E-01	2.51E-01	4.00E+00	6.44E-01
3515	Gridded	6.53E-03	6.48E-04	6.51E-03	6.45E-04	6.87E-03	7.01E-04	6.87E-03	7.01E-04	5.68E-04	6.77E-05	6.52E-03	6.45E-04	7.95E-03	8.74E-04	7.95E-03	8.74E-04	6.54E-03	6.48E-04	6.87E-03	7.01E-04	6.58E-03	6.55E-04	6.53E-03	6.47E-04	6.55E-03	6.51E-04	6.54E-03	6.49E-04	8.29E-01	3.04E-01	3.99E+00	4.48E-01
3516	Gridded	5.83E-03	6.16E-04	5.81E-03	6.12E-04	6.19E-03	6.71E-04	6.19E-03	6.71E-04	5.12E-04	6.93E-05	5.81E-03	6.13E-04	7.36E-03	8.48E-04	7.36E-03	8.48E-04	5.83E-03	6.16E-04	6.19E-03	6.71E-04	5.87E-03	6.23E-04	5.82E-03	6.15E-04	5.85E-03	6.19E-04	5.83E-03	6.17E-04	9.25E-01	2.65E-01	3.70E+00	4.28E-01
3517	Gridded	5.16E-03	5.98E-04	5.15E-03	5.95E-04	5.50E-03	6.39E-04	5.50E-03	6.39E-04	5.39E-04	6.07E-05	5.15E-03	5.96E-04	7.25E-03	7.71E-04	7.25E-03	7.71E-04	5.16E-03	5.98E-04	5.50E-03	6.39E-04	5.20E-03	6.03E-04	5.16E-03	5.97E-04	5.18E-03	6.00E-04	5.17E-03	5.98E-04	8.12E-01	2.70E-01	3.31E+00	4.16E-01
3518	Gridded	5.79E-03	4.80E-04	5.76E-03	4.79E-04	6.22E-03	5.26E-04	6.22E-03	5.26E-04	6.23E-04	7.34E-05	5.76E-03	4.79E-04	7.61E-03	6.83E-04	7.61E-03	6.83E-04	5.79E-03	4.80E-04	6.22E-03	5.26E-04	5.84E-03	4.84E-04	5.78E-03	4.80E-04	5.81E-03	4.82E-04	5.79E-03	4.81E-04	8.34E-01	2.23E-01	3.66E+00	4.21E-01
3519	Gridded	5.21E-03	4.93E-04	5.19E-03	4.88E-04	5.67E-03	5.65E-04	5.67E-03	5.65E-04	5.73E-04	7.94E-05	5.19E-03	4.89E-04	7.60E-03	7.98E-04	7.60E-03	7.98E-04	5.21E-03	4.93E-04	5.67E-03	5.65E-04	5.25E-03	5.02E-04	5.20E-03	4.92E-04	5.23E-03	4.97E-04	5.21E-03	4.94E-04	7.85E-01	1.52E-01	3.30E+00	3.70E-01
3520	Gridded	6.52E-03	5.75E-04	6.49E-03	5.67E-04	7.08E-03	6.87E-04	7.08E-03	6.87E-04	5.37E-04	1.06E-04	6.49E-03	5.69E-04	8.91E-03	1.05E-03	8.91E-03	1.05E-03	6.53E-03	5.75E-04	7.08E-03	6.87E-04	6.59E-03	5.89E-04	6.51E-03	5.72E-04	6.56E-03	5.82E-04	6.53E-03	5.76E-04	1.22E+00	1.42E-01	3.90E+00	3.95E-01
3521	Gridded	7.05E-03	8.31E-04	7.02E-03	8.23E-04	7.52E-03	9.52E-04	7.52E-03	9.52E-04	6.49E-04	1.14E-04	7.03E-03	8.24E-04	9.05E-03	1.34E-03	9.05E-03	1.34E-03	7.05E-03	8.31E-04	7.52E-03	9.52E-04	7.11E-03	8.46E-04	7.04E-03	8.28E-04	7.08E-03	8.38E-04	7.06E-03	8.33E-04	1.66E+00	1.92E-01	4.20E+00	5.23E-01
3522	Gridded	6.46E-03	9.67E-04	6.44E-03	9.60E-04	6.81E-03	1.08E-03	6.81E-03	1.08E-03	6.08E-04	1.05E-04	6.44E-03	9.61E-04	8.22E-03	1.44E-03	8.22E-03	1.44E-03	6.46E-03	9.68E-04	6.81E-03	1.08E-03	6.50E-03	9.81E-04	6.45E-03	9.65E-04	6.48E-03	9.74E-04	6.47E-03	9.69E-04	1.83E+00	1.88E-01	3.84E+00	6.29E-01
3523	Gridded	6.08E-03	9.44E-04	6.04E-03	9.37E-04	6.63E-03	1.06E-03	6.63E-03	1.06E-03	5.55E-04	1.11E-04	6.05E-03	9.38E-04	8.40E-03	1.44E-03	8.40E-03	1.44E-03	6.08E-03	9.44E-04	6.63E-03	1.06E-03	6.15E-03	9.55E-04	6.07E-03	9.42E-04	6.11E-03	9.49E-04	6.09E-03	9.45E-04	1.76E+00	1.59E-01	3.59E+00	6.37E-01
3524	Gridded	6.08E-03	1.13E-03	6.05E-03	1.13E-03	6.63E-03	1.25E-03	6.63E-03	1.25E-03	5.24E-04	1.10E-04	6.05E-03	1.13E-03	8.39E-03	1.63E-03	8.39E-03	1.63E-03	6.09E-03	1.13E-03	6.63E-03	1.25E-03	6.15E-03	1.15E-03	6.07E-03	1.13E-03	6.12E-03	1.14E-03	6.09E-03	1.13E-03	1.53E+00	1.34E-01	3.60E+00	6.92E-01
3525	Gridded	6.29E-03	1.24E-03	6.26E-03	1.23E-03	6.76E-03	1.35E-03	6.76E-03	1.35E-03	5.98E-04	1.04E-04	6.27E-03	1.24E-03	8.28E-03	1.71E-03	8.28E-03	1.71E-03	6.29E-03	1.24E-03	6.76E-03	1.35E-03	6.35E-03	1.26E-03	6.28E-03	1.24E-03	6.32E-03	1.25E-03	6.30E-03	1.24E-03	1.22E+00	1.68E-01	3.77E+00	7.62E-01
3526	Gridded	6.28E-03	1.27E-03	6.24E-03	1.26E-03	6.81E-03	1.37E-03	6.81E-03	1.37E-03	6.81E-04	9.62E-05	6.25E-03	1.27E-03	8.55E-03	1.71E-03	8.55E-03	1.71E-03	6.28E-03	1.27E-03	6.81E-03	1.37E-03	6.34E-03	1.28E-03	6.26E-03	1.27E-03	6.31E-03	1.28E-03	6.28E-03	1.27E-03	1.46E+00	2.18E-01	4.98E+00	7.85E-01
3527	Gridded	7.88E-03	1.34E-03	7.84E-03	1.34E-03	8.48E-03	1.43E-03	8.48E-03	1.43E-03	6.86E-04	8.81E-05	7.85E-03	1.34E-03	1.04E-02	1.73E-03	1.04E-02	1.73E-03	7.88E-03	1.34E-03	8.48E-03	1.43E-03	7.96E-03	1.35E-03	7.87E-03	1.34E-03	7.92E-03	1.35E-03	7.89E-03	1.34E-03	1.62E+00	2.45E-01	6.29E+00	7.96E-01
3528	Gridded	9.07E-03	1.50E-03	9.03E-03	1.50E-03	9.71E-03	1.60E-03	9.71E-03	1.60E-03	6.06E-04	8.95E-05	9.03E-03	1.50E-03	1.18E-02	1.91E-03	1.18E-02	1.91E-03	9.07E-03	1.50E-03	9.71E-03	1.60E-03	9.15E-03	1.51E-03	9.06E-03	1.50E-03	9.11E-03	1.51E-03	9.08E-03	1.50E-03	1.49E+00	2.17E-01	6.47E+00	8.98E-01
3529	Gridded	9.76E-03	1.55E-03	9.72E-03	1.54E-03	1.04E-02	1.64E-03	1.04E-02	1.64E-03	6.09E-04	8.85E-05	9.72E-03	1.54E-03	1.25E-02	1.95E-03	1.25E-02	1.95E-03	9.76E-03	1.55E-03	1.04E-02	1.64E-03	9.84E-03	1.56E-03	9.74E-03	1.55E-03	9.80E-03	1.55E-03	9.77E-03	1.55E-03	1.22E+00	2.01E-01	5.73E+00	9.32E-01
3530	Gridded	1.02E-02	1.77E-03	1.02E-02	1.76E-03	1.05E-02	1.89E-03	1.05E-02	1.89E-03	6.81E-04	1.22E-04	1.02E-02	1.76E-03	1.12E-02	2.31E-03	1.12E-02	2.31E-03	1.02E-02	1.77E-03	1.05E-02	1.89E-03	1.03E-02	1.78E-03	1.02E-02	1.76E-03	1.02E-02	1.77E-03	1.02E-02	1.77E-03	7.16E-01	1.95E-01	5.54E+00	1.12E+00
3531	Gridded	9.82E-03	1.84E-03	9.81E-03	1.83E-03	9.94E-03	1.97E-03	9.94E-03	1.97E-03	7.11E-04	1.21E-04	9.81E-03	1.83E-03	1.03E-02	2.38E-03	1.03E-02	2.38E-03	9.82E-03	1.84E-03	9.94E-03	1.97E-03	9.83E-03	1.86E-03	9.82E-03	1.84E-03	9.83E-03	1.85E-03	9.82E-03	1.84E-03	7.16E-01	1.69E-01	5.29E+00	1.17E+00
3532	Gridded	8.69E-03	1.88E-03	8.69E-03	1.87E-03	8.75E-03	2.00E-03	8.75E-03	2.00E-03	7.65E-04	1.16E-04	8.69E-03	1.87E-03	9.92E-03	2.39E-03	9.92E-03	2.39E-03	8.69E-03	1.88E-03	8.75E-03	2.00E-03	8.70E-03	1.90E-03	8.69E-03	1.88E-03	8.70E-03	1.89E-03	8.70E-03	1.88E-03	7.38E-01	1.43E-01	4.67E+00	1.18E+00
3533	Gridded	7.00E-03	1.86E-03	7.00E-03	1.85E-03	7.27E-03	1.96E-03	7.27E-03	1.96E-03	8.22E-04	1.05E-04	7.00E-03	1.85E-03	8.75E-03	2.31E-03	8.75E-03	2.31E-03	7.00E-03	1.86E-03	7.27E-03	1.96E-03	7.00E-03	1.87E-03	7.00E-03	1.85E-03	7.00E-03	1.86E-03	7.00E-03	1.86E-03	7.73E-01	1.50E-01	3.81E+00	1.14E+00
3534	Gridded	6.36E-03	1.74E-03	6.32E-03	1.73E-03	6.94E-03	1.83E-03	6.94E-03	1.83E-03	7.53E-04	1.13E-04	6.33E-03	1.73E-03	9.47E-03	2.13E-03	9.47E-03	2.13E-03	6.36E-03	1.74E-03	6.94E-03	1.83E-03	6.43E-03	1.75E-03	6.35E-03	1.73E-03	6.40E-03	1.74E-03	6.37E-03	1.74E-03	7.83E-01	1.49E-01	3.89E+00	1.03E+00
3535	Gridded	6.93E-03	1.60E-03	6.88E-03	1.60E-03	7.63E-03	1.70E-03	7.63E-03	1.70E-03	8.36E-04	1.38E-04	6.89E-03	1.60E-03	9.89E-03	1.99E-03	9.89E-03	1.99E-03	6.93E-03	1.61E-03	7.63E-03	1.70E-03	7.02E-03	1.62E-03	6.91E-03	1.60E-03	6.97E-03	1.61E-03	6.94E-03	1.61E-03	8.30E-01	1.48E-01	4.09E+00	9.96E-01
3536	Gridded	6.97E-03	1.58E-03	6.94E-03	1.58E-03	7.45E-03	1.69E-03	7.45E-03	1.69E-03	8.88E-04	1.53E-04	6.94E-03	1.58E-03	9.35E-03	2.02E-03	9.35E-03	2.02E-03	6.97E-03	1.58E-03	7.45E-03	1.69E-03	7.03E-03	1.60E-03	6.96E-03	1.58E-03	7.00E-03	1.59E-03	6.98E-03	1.59E-03	8.24E-01	1.65E-01	3.97E+00	9.67E-01
3537	Gridded	6.72E-03	1.55E-03	6.68E-03	1.54E-03	7.37E-03	1.63E-03	7.37E-03	1.63E-03	9.22E-04	1.71E-04	6.69E-03	1.54E-03	9.48E-03	2.02E-03	9.48E-03	2.02E-03	6.72E-03	1.55E-03	7.37E-03	1.63E-03	6.80E-03	1.56E-03	6.71E-03	1.55E-03	6.76E-03	1.55E-03	6.73E-03	1.55E-03	8.76E-01	1.82E-01	4.07E+00	9.28E-01
3538	Gridded	6.73E-03	1.46E-03	6.70E-03	1.45E-03	7.26E-03	1.56E-03	7.26E-03	1.56E-03	9.34E-04	1.61E-04	6.70E-03	1.45E-03	9.06E-03	1.95E-03	9.06E-03	1.95E-03	6.73E-03	1.46E-03	7.26E-03	1.56E-03	6.80E-03	1.47E-03	6.72E-03	1.45E-03	6.76E-03	1.46E-03	6.74E-03	1.46E-03	9.49E-01	2.94E-01	3.99E+00	8.99E-01
3539	Gridded	6.94E-03	1.40E-03	6.92E-03	1.39E-03	7.32E-03	1.53E-03	7.32E-03	1.53E-03	9.78E-04	1.79E-04	6.92E-03	1.39E-03	9.21E-03	1.96E-03	9.21E-03	1.96E-03	6.94E-03	1.40E-03	7.32E-03	1.53E-03	6.99E-03	1.42E-03	6.93E-03	1.40E-03	6.96E-03	1.41E-03	6.95E-03	1.40E-03	9.69E-01	3.31E-01	3.97E+00	8.96E-01
3540	Gridded	7.12E-03	1.33E-03	7.09E-03	1.32E-03	7.59E-03	1.42E-03	7.59E-03	1.42E-03	7.18E-04	1.20E-04	7.09E-03	1.32E-03	9.11E-03	1.69E-03	9.11E-03	1.69E-03	7.12E-03	1.33E-03	7.59E-03	1.42E-03	7.18E-03	1.34E-03	7.11E-03	1.33E-03	7.14E-03	1.33E-03	7.12E-03	1.33E-03	9.70E-01	2.95E-01	4.19E+00	8.21E-01
3541	Gridded	6.99E-03	1.08E-03	6.95E-03	1.08E-03	7.55E-03	1.13E-03	7.55E-03	1.13E-03	9.31E-04	1.00E-04	6.96E-03	1.08E-03	9.39E-03	1.30E-03	9.39E-03	1.30E-03	6.99E-03	1.08E-03	7.55E-03	1.13E-03	7.06E-03	1.09E-03	6.98E-03	1.08E-03	7.02E-03	1.09E-03	7.00E-03	1.08E-03	8.83E-01	1.81E-01	4.13E+00	7.32E-01
3542	Gridded	7.61E-03	9.92E-04	7.57E-03	9.85E-04	8.08E-03	1.10E-03	8.08E-03	1.10E-03	9.39E-04	1.34E-04	7.58E-03	9.86E-04	9.62E-03	1.44E-03	9.62E-03	1.44E-03	7.61E-03	9.92E-04	8.08E-03	1.10E-03	7.66E-03	1.00E-03	7.59E-03	9.89E-04	7.63E-03	9.98E-04	7.61E-03	9.93E-04	8.69E-01	2.31E-01	4.46E+00	6.92E-01
3543	Gridded	7.09E-03	1.14E-03	7.07E-03	1.13E-03	7.42E-03	1.22E-03	7.42E-03	1.22E-03	7.84E-04	1.06E-04	7.08E-03	1.13E-03	8.68E-03	1.51E-03	8.68E-03	1.51E-03	7.10E-03	1.14E-03	7.42E-03	1.22E-03	7.14E-03	1.15E-03	7.09E-03	1.13E-03	7.11E-03	1.14E-03	7.10E-03	1.14E-03	8.21E-01	2.46E-01	4.12E+00	7.76E-01
3544	Gridded	6.97E-03	1.12E-03	6.95E-03	1.12E-03	7.35E-03	1.18E-03	7.35E-03	1.18E-03	6.17E-04	8.48E-05	6.95E-03	1.12E-03	8.57E-03	1.36E-03	8.57E-03	1.36E-03	6.98E-03	1.12E-03	7.35E-03	1.18E-03	7.02E-03	1.13E-03	6.97E-03	1.12E-03	7.00E-03	1.12E-03	6.98E-03	1.12E-03	9.63E-01	1.90E-01	4.12E+00	7.70E-01
3545	Gridded	7.03E-03	9.17E-04	6.99E-03	9.15E-04	7.56E-03	9.42E-04	7.56E-03	9.42E-04	6.25E-04	6.42E-05	7.00E-03	9.15E-04	9.27E-03	1.02E-03	9.27E-03	1.02E-03	7.03E-03	9.17E-04	7.56E-03	9.42E-04	7.09E-03	9.20E-04	7.02E-03	9.16E-04	7.06E-03	9.18E-04	7.03E-03	9.17E-04	8.41E-01	2.42E-01	4.25E+00	6.15E-01
3546	Gridded	6.84E-03	6.79E-04	6.82E-03	6.75E-04	7.19E-03	7.36E-04	7.19E-03	7.36E-04	5.99E-04	7.10E-05	6.82E-03	6.76E-04	8.32E-03	9.21E-04	8.32E-03	9.21E-04	6.84E-03	6.79E-04	7.19E-03	7.36E-04	6.88E-03	6.86E-04	6.83E-03	6.78E-04	6.86E-03	6.82E-04	6.84E-03	6.79E-04	8.00E-01	2.99E-01	4.09E+00	4.74E-01
3547	Gridded	6.34E-03	6.99E-04	6.32E-03	6.94E-04	6.75E-03	7.62E-04	6.75E-03	7.62E-04	5.51E-04	6.87E-05	6.32E-03	6.95E-04	8.09E-03	9.67E-04	8.09E-03	9.67E-04	6.34E-03	6.99E-04	6.75E-03	7.62E-04	6.39E-03	7.06E-04	6.33E-03	6.97E-04	6.37E-03	7.02E-04	6.35E-03	6.99E-04	9.06E-01	2.81E-01	3.91E+00	4.63E-01
3548	Gridded	5.66E-03	6.89E-04	5.64E-03	6.86E-04	5.99E-03	7.39E-04	5.99E-03	7.39E-04	6.15E-04	7.04E-05	5.64E-03	6.86E-04	7.41E-03	9.03E-04	7.41E-03	9.03E-04	5.66E-03	6.89E-04	5.99E-03	7.39E-04	5.70E-03	6.95E-04	5.65E-03	6.88E-04	5.68E-03	6.92E-04	5.66E-03	6.90E-04	8.25E-01	2.93E-01	3.53E+00	4.58E-01
3549	Gridded	6.20E-03	5.81E-04	6.17E-03	5.79E-04	6.67E-03	6.17E-04	6.67E-03	6.17E-04	5.79E-04	7.60E-05	6.17E-03	5.79E-04	8.21E-03	7.50E-04	8.21E-03	7.50E-04	6.20E-03	5.81E-04	6.67E-03	6.17E-04	6.26E-03	5.86E-04	6.19E-03	5.81E-04	6.23E-03	5.83E-04	6.20E-03	5.82E-04	8.29E-01	2.04E-01	3.80E+00	4.66E-01
3550	Gridded	6.16E-03	5.49E-04	6.14E-03	5.46E-04	6.51E-03	6.11E-04	6.51E-03	6.11E-04	6.36E-04	7.72E-05	6.14E-03	5.47E-04	7.68E-03	8.77E-04	7.68E-03	8.77E-04	6.16E-03	5.49E-04	6.51E-03	6.11E-04	6.21E-03	5.55E-04	6.16E-03	5.48E-04	6.18E-03	5.52E-04	6.17E-03	5.50E-04	7.62E-01	1.79E-01	3.76E+00	3.73E-01
3551	Gridded	6.22E-03	6.32E-04	6.18E-03	6.27E-04	6.75E-03	6.99E-04	6.75E-03	6.99E-04	5.13E-04	8.69E-05	6.19E-03	6.28E-04	8.50E-03	9.17E-04	8.50E-03	9.17E-04	6.22E-03	6.32E-04	6.75E-03	6.99E-04	6.28E-03	6.40E-04	6.20E-03	6.30E-04	6.25E-03	6.36E-04	6.22E-03	6.32E-04	9.12E-01	1.07E-01	3.63E+00	4.45E-01
3552	Gridded	7.12E-03	7.60E-04	7.08E-03	7.52E-04	7.59E-03	8.74E-04	7.59E-03	8.74E-04	5.32E-04	1.07E-04	7.09E-03	7.54E-04	9.12E-03	1.24E-03	9.12E-03	1.24E-03	7.12E-03	7.60E-04	7.59E-03	8.74E-04	7.18E-03	7.74E-04	7.11E-03	7.57E-04	7.14E-03	7.67E-04	7.12E-03	7.61E-04	1.25E+00	1.60E-01	4.14E+00	4.59E-01
3553	Gridded	7.06E-03	9.78E-04	7.02E-03	9.70E-04	7.67E-03	1.10E-03	7.67E-03	1.10E-03	6.69E-04	1.11E-04	7.03E-03	9.71E-04	9.63E-03	1.48E-03	9.63E-03	1.48E-03	7.06E-03	9.78E-04	7.67E-03	1.10E-03	7.14E-03	9.92E-04	7.05E-03	9.75E-04	7.10E-03	9.85E-04	7.07E-03	9.79E-04	1.47E+00	1.88E-01	4.23E+00	6.03E-01
3554	Gridded	7.89E-03	1.09E-03	7.84E-03	1.08E-03	8.53E-03	1.20E-03	8.53E-03	1.20E-03	6.37E-04	1.02E-04	7.85E-03	1.08E-03	1.06E-02	1.55E-03	1.06E-02	1.55E-03	7.89E-03	1.09E-03	8.53E-03	1.20E-03	7.97E-03	1.10E-03	7.87E-03	1.08E-03	7.92E-03	1.09E-03	7.89E-03	1.09E-03	1.52E+00	1.84E-01	4.65E+00	6.87E-01
3555	Gridded	7.18E-03	1.07E-03	7.14E-03	1.06E-03	7.77E-03	1.16E-03	7.77E-03	1.16E-03	5.52E-04	1.02E-04	7.15E-03	1.06E-03	9.67E-03	1.51E-03	9.67E-03	1.51E-03	7.18E-03	1.07E-03	7.77E-03	1.16E-03	7.25E-03	1.08E-03	7.17E-03	1.07E-03	7.21E-03	1.07E-03	7.19E-03	1.07E-03	1.38E+00	1.58E-01	4.19E+00	6.90E-01
3556	Gridded	6.16E-03	1.23E-03	6.13E-03	1.22E-03	6.65E-03	1.34E-03	6.65E-03	1.34E-03	4.88E-04	1.04E-04	6.13E-03	1.23E-03	8.23E-03	1.70E-03	8.23E-03	1.70E-03	6.16E-03	1.23E-03	6.65E-03	1.34E-03	6.22E-03	1.25E-03	6.15E-03	1.23E-03	6.19E-03	1.24E-03	6.16E-03	1.23E-03	1.15E+00	1.33E-01	3.60E+00	7.36E-01
3557	Gridded	6.33E-03	1.33E-03	6.30E-03	1.32E-03	6.78E-03	1.44E-03	6.78E-03	1.44E-03	5.22E-04	1.02E-04	6.31E-03	1.32E-03	8.27E-03	1.79E-03	8.27E-03	1.79E-03	6.33E-03	1.33E-03	6.78E-03	1.44E-03	6.39E-03	1.34E-03	6.32E-03	1.33E-03	6.36E-03	1.33E-03	6.34E-03	1.33E-03	9.79E-01	1.66E-01	3.76E+00	7.99E-01
3558	Gridded	6.87E-03	1.34E-03	6.83E-03	1.33E-03	7.42E-03	1.44E-03	7.42E-03	1.44E-03	6.21E-04	9.71E-05	6.84E-03	1.33E-03	9.21E-03	1.78E-03	9.21E-03	1.78E-03	6.87E-03	1.34E-03	7.42E-03	1.44E-03	6.94E-03	1.35E-03	6.86E-03	1.34E-03	6.90E-03	1.34E-03	6.88E-03	1.34E-03	1.29E+00	1.96E-01	4.32E+00	8.11E-01
3559	Gridded	8.43E-03	1.29E-03	8.39E-03	1.29E-03	9.04E-03	1.39E-03	9.04E-03	1.39E-03	6.35E-04	8.77E-05	8.39E-03	1.29E-03	1.10E-02	1.69E-03	1.10E-02	1.69E-03	8.43E-03	1.29E-03	9.04E-03	1.39E-03	8.50E-03	1.31E-03	8.41E-03	1.29E-03	8.46E-03	1.30E-03	8.43E-03	1.30E-03	1.41E+00	2.26E-01	5.33E+00	7.90E-01
3560	Gridded	9.65E-03	1.41E-03	9.61E-03	1.41E-03	1.03E-02	1.50E-03	1.03E-02	1.50E-03	6.11E-04	8.20E-05	9.62E-03	1.41E-03	1.24E-02	1.78E-03	1.24E-02	1.78E-03	9.65E-03	1.41E-03	1.03E-02	1.50E-03	9.73E-03	1.42E-03	9.64E-03	1.41E-03	9.69E-03	1.42E-03	9.66E-03	1.41E-03	1.33E+00	2.12E-01	5.58E+00	8.38E-01
3561	Gridded	1.03E-02	1.86E-03	1.03E-02	1.85E-03	1.04E-02	1.98E-03	1.04E-02	1.98E-03	8.18E-04	1.12E-04	1.03E-02	1.85E-03	1.08E-02	2.36E-03	1.08E-02	2.36E-03	1.03E-02	1.86E-03	1.04E-02	1.98E-03	1.03E-02	1.87E-03	1.03E-02	1.86E-03	1.03E-02	1.87E-03	1.03E-02	1.86E-03	6.94E-01	1.40E-01	5.55E+00	1.18E+00
3562	Gridded	9.01E-03	1.85E-03	9.01E-03	1.84E-03	9.07E-03	1.96E-03	9.07E-03	1.96E-03	8.76E-04	1.05E-04	9.01E-03	1.85E-03	9.27E-03	2.32E-03	9.27E-03	2.32E-03	9.01E-03	1.85E-03	9.07E-03	1.96E-03	9.02E-03	1.87E-03	9.01E-03	1.85E-03	9.02E-03	1.86E-03	9.01E-03	1.85E-03	7.20E-01	1.44E-01	4.84E+00	1.17E+00
3563	Gridded	7.12E-03	1.77E-03	7.11E-03	1.76E-03	7.14E-03	1.86E-03	7.14E-03	1.86E-03	8.31E-04	1.01E-04	7.11E-03	1.76E-03	8.78E-03	2.17E-03	8.78E-03	2.17E-03	7.12E-03	1.77E-03	7.14E-03	1.86E-03	7.12E-03	1.78E-03	7.12E-03	1.76E-03	7.12E-03	1.77E-03	7.12E-03	1.77E-03	7.43E-01	1.47E-01	3.81E+00	1.09E+00
3564	Gridded	6.69E-03	1.64E-03	6.65E-03	1.63E-03	7.43E-03	1.73E-03	7.43E-03	1.73E-03	7.16E-04	1.17E-04	6.65E-03	1.63E-03	9.84E-03	2.04E-03	9.84E-03	2.04E-03	6.70E-03	1.64E-03	7.43E-03	1.73E-03	6.79E-03	1.65E-03	6.68E-03	1.64E-03	6.74E-03	1.64E-03	6.70E-03	1.64E-03	7.63E-01	1.38E-01	4.01E+00	1.00E+00
3565	Gridded	7.35E-03	1.63E-03	7.31E-03	1.62E-03	7.97E-03	1.72E-03	7.97E-03	1.72E-03	7.93E-04	1.39E-04	7.32E-03	1.62E-03	9.97E-03	2.08E-03	9.97E-03	2.08E-03	7.35E-03	1.63E-03	7.97E-03	1.72E-03	7.43E-03	1.64E-03	7.34E-03	1.63E-03	7.39E-03	1.63E-03	7.36E-03	1.63E-03	8.11E-01	1.42E-01	4.26E+00	1.01E+00
3566	Gridded	7.14E-03	1.66E-03	7.10E-03	1.65E-03	7.71E-03	1.76E-03	7.71E-03	1.76E-03	8.29E-04	1.52E-04	7.11E-03	1.65E-03	9.80E-03	2.09E-03	9.80E-03	2.09E-03	7.14E-03	1.66E-03	7.71E-03	1.76E-03	7.21E-03	1.67E-03	7.13E-03	1.65E-03	7.18E-03	1.66E-03	7.15E-03	1.66E-03	8.04E-01	1.60E-01	4.21E+00	9.94E-01
3567	Gridded	7.28E-03	1.59E-03	7.24E-03	1.59E-03	7.91E-03	1.68E-03	7.91E-03	1.68E-03	8.85E-04	1.75E-04	7.24E-03	1.59E-03	1.01E-02	2.16E-03	1.01E-02	2.16E-03	7.28E-03	1.59E-03	7.91E-03	1.68E-03	7.36E-03	1.60E-03	7.26E-03	1.59E-03	7.32E-03	1.60E-03	7.29E-03	1.59E-03	8.65E-01	1.72E-01	4.27E+00	9.63E-01
3568	Gridded	7.34E-03	1.63E-03	7.30E-03	1.63E-03	7.95E-03	1.76E-03	7.95E-03	1.76E-03	9.24E-04	1.70E-04	7.30E-03	1.63E-03	1.02E-02	2.18E-03	1.02E-02	2.18E-03	7.34E-03	1.63E-03	7.95E-03	1.76E-03	7.41E-03	1.65E-03	7.32E-03	1.63E-03	7.37E-03	1.64E-03	7.34E-03	1.64E-03	9.10E-01	2.81E-01	4.30E+00	9.97E-01
3569	Gridded	7.17E-03	1.64E-03	7.14E-03	1.63E-03	7.68E-03	1.79E-03	7.68E-03	1.79E-03	9.11E-04	1.99E-04	7.15E-03	1.63E-03	9.89E-03	2.27E-03	9.89E-03	2.27E-03	7.18E-03	1.64E-03	7.68E-03	1.79E-03	7.24E-03	1.66E-03	7.16E-03	1.64E-03	7.20E-03	1.65E-03	7.18E-03	1.64E-03	9.11E-01	3.36E-01	4.16E+00	1.02E+00
3570	Gridded	7.23E-03	1.61E-03	7.19E-03	1.60E-03	7.72E-03	1.71E-03	7.72E-03	1.71E-03	8.06E-04	1.65E-04	7.20E-03	1.60E-03	9.33E-03	2.05E-03	9.33E-03	2.05E-03	7.23E-03	1.61E-03	7.72E-03	1.71E-03	7.29E-03	1.62E-03	7.22E-03	1.61E-03	7.26E-03	1.62E-03	7.23E-03	1.61E-03	9.92E-01	3.20E-01	4.23E+00	9.81E-01
3571	Gridded	6.93E-03	1.29E-03	6.91E-03	1.29E-03	7.26E-03	1.36E-03	7.26E-03	1.36E-03	7.39E-04	1.00E-04	6.91E-03	1.29E-03	9.20E-03	1.57E-03	9.20E-03	1.57E-03	6.93E-03	1.29E-03	7.26E-03	1.36E-03	6.97E-03	1.30E-03	6.92E-03	1.29E-03	6.95E-03	1.29E-03	6.93E-03	1.29E-03	9.84E-01	2.11E-01	4.03E+00	8.48E-01
3572	Gridded	7.22E-03	1.22E-03	7.19E-03	1.22E-03	7.72E-03	1.26E-03	7.72E-03	1.26E-03	9.19E-04	1.28E-04	7.20E-03	1.22E-03	9.34E-03	1.49E-03	9.34E-03	1.49E-03	7.23E-03	1.22E-03	7.72E-03	1.26E-03	7.29E-03	1.23E-03	7.21E-03	1.22E-03	7.25E-03	1.23E-03	7.23E-03	1.22E-03	8.64E-01	1.79E-01	4.17E+00	7.70E-01
3573	Gridded	7.57E-03	1.21E-03	7.54E-03	1.21E-03	7.96E-03	1.32E-03	7.96E-03	1.32E-03	9.09E-04	1.36E-04	7.54E-03	1.21E-03	9.26E-03	1.65E-03	9.26E-03	1.65E-03	7.57E-03	1.21E-03	7.96E-03	1.32E-03	7.62E-03	1.23E-03	7.56E-03	1.21E-03	7.59E-03	1.22E-03	7.57E-03	1.22E-03	8.97E-01	2.41E-01	4.33E+00	7.94E-01
3574	Gridded	6.95E-03	1.27E-03	6.92E-03	1.27E-03	7.40E-03	1.36E-03	7.40E-03	1.36E-03	8.00E-04	9.44E-05	6.92E-03	1.27E-03	8.85E-03	1.62E-03	8.85E-03	1.62E-03	6.95E-03	1.27E-03	7.40E-03	1.36E-03	7.00E-03	1.28E-03	6.94E-03	1.27E-03	6.97E-03	1.28E-03	6.95E-03	1.27E-03	7.98E-01	2.15E-01	4.04E+00	8.44E-01
3575	Gridded	6.99E-03	1.20E-03	6.97E-03	1.20E-03	7.32E-03	1.26E-03	7.32E-03	1.26E-03	6.19E-04	9.13E-05	6.97E-03	1.20E-03	9.00E-03	1.43E-03	9.00E-03	1.43E-03	6.99E-03	1.20E-03	7.32E-03	1.26E-03	7.03E-03	1.21E-03	6.98E-03	1.20E-03	7.01E-03	1.21E-03	6.99E-03	1.20E-03	1.00E+00	1.81E-01	4.03E+00	8.00E-01
3576	Gridded	7.55E-03	9.21E-04	7.52E-03	9.19E-04	8.04E-03	9.45E-04	8.04E-03	9.45E-04	6.21E-04	6.57E-05	7.53E-03	9.19E-04	9.63E-03	1.07E-03	9.63E-03	1.07E-03	7.55E-03	9.21E-04	8.04E-03	9.45E-04	7.61E-03	9.24E-04	7.54E-03	9.20E-04	7.58E-03	9.22E-04	7.56E-03	9.21E-04	8.14E-01	2.39E-01	4.44E+00	6.23E-01
3577	Gridded	7.31E-03	7.22E-04	7.29E-03	7.18E-04	7.65E-03	7.87E-04	7.65E-03	7.87E-04	5.96E-04	6.94E-05	7.29E-03	7.19E-04	8.86E-03	1.02E-03	8.86E-03	1.02E-03	7.31E-03	7.22E-04	7.65E-03	7.87E-04	7.35E-03	7.29E-04	7.30E-03	7.21E-04	7.33E-03	7.25E-04	7.31E-03	7.23E-04	7.72E-01	2.87E-01	4.25E+00	5.15E-01
3578	Gridded	7.15E-03	8.07E-04	7.12E-03	8.03E-04	7.58E-03	8.74E-04	7.58E-03	8.74E-04	5.64E-04	6.81E-05	7.13E-03	8.03E-04	8.97E-03	1.09E-03	8.97E-03	1.09E-03	7.15E-03	8.07E-04	7.58E-03	8.74E-04	7.21E-03	8.15E-04	7.14E-03	8.06E-04	7.18E-03	8.11E-04	7.16E-03	8.08E-04	8.73E-01	2.82E-01	4.25E+00	5.08E-01
3579	Gridded	6.45E-03	8.02E-04	6.43E-03	7.98E-04	6.73E-03	8.57E-04	6.73E-03	8.57E-04	5.84E-04	7.66E-05	6.44E-03	7.98E-04	7.76E-03	1.04E-03	7.76E-03	1.04E-03	6.45E-03	8.02E-04	6.73E-03	8.57E-04	6.49E-03	8.08E-04	6.44E-03	8.00E-04	6.47E-03	8.05E-04	6.45E-03	8.02E-04	8.60E-01	2.93E-01	3.81E+00	5.06E-01
3580	Gridded	6.58E-03	6.99E-04	6.55E-03	6.96E-04	7.06E-03	7.40E-04	7.06E-03	7.40E-04	5.84E-04	7.27E-05	6.55E-03	6.96E-04	8.63E-03	8.89E-04	8.63E-03	8.89E-04	6.58E-03	6.99E-04	7.06E-03	7.40E-04	6.64E-03	7.04E-04	6.57E-03	6.98E-04	6.61E-03	7.01E-04	6.58E-03	6.99E-04	8.42E-01	1.65E-01	3.91E+00	5.11E-01
3581	Gridded	6.77E-03	6.04E-04	6.75E-03	6.02E-04	7.15E-03	6.38E-04	7.15E-03	6.38E-04	6.65E-04	8.02E-05	6.75E-03	6.02E-04	8.35E-03	9.08E-04	8.35E-03	9.08E-04	6.78E-03	6.04E-04	7.15E-03	6.38E-04	6.82E-03	6.08E-04	6.77E-03	6.03E-04	6.80E-03	6.06E-04	6.78E-03	6.04E-04	7.73E-01	2.01E-01	4.00E+00	4.63E-01
3582	Gridded	6.33E-03	6.95E-04	6.30E-03	6.89E-04	6.72E-03	7.73E-04	6.72E-03	7.73E-04	5.59E-04	7.41E-05	6.30E-03	6.90E-04	7.98E-03	1.03E-03	7.98E-03	1.03E-03	6.33E-03	6.95E-04	6.72E-03	7.73E-04	6.37E-03	7.04E-04	6.32E-03	6.93E-04	6.35E-03	6.99E-04	6.33E-03	6.96E-04	7.15E-01	1.26E-01	3.84E+00	4.64E-01
3583	Gridded	7.12E-03	7.33E-04	7.10E-03	7.29E-04	7.42E-03	7.95E-04	7.42E-03	7.95E-04	5.78E-04	8.96E-05	7.11E-03	7.29E-04	8.38E-03	1.02E-03	8.38E-03	1.02E-03	7.12E-03	7.33E-04	7.42E-03	7.95E-04	7.16E-03	7.40E-04	7.12E-03	7.31E-04	7.14E-03	7.36E-04	7.13E-03	7.34E-04	9.50E-01	1.17E-01	4.22E+00	4.93E-01
3584	Gridded	7.91E-03	8.83E-04	7.87E-03	8.76E-04	8.53E-03	9.94E-04	8.53E-03	9.94E-04	5.84E-04	1.05E-04	7.88E-03	8.77E-04	1.05E-02	1.35E-03	1.05E-02	1.35E-03	7.91E-03	8.83E-04	8.53E-03	9.94E-04	7.99E-03	8.97E-04	7.90E-03	8.81E-04	7.95E-03	8.90E-04	7.92E-03	8.84E-04	1.16E+00	1.71E-01	4.73E+00	5.28E-01
3585	Gridded	9.24E-03	1.09E-03	9.19E-03	1.08E-03	9.94E-03	1.20E-03	9.94E-03	1.20E-03	6.75E-04	1.06E-04	9.20E-03	1.08E-03	1.22E-02	1.57E-03	1.22E-02	1.57E-03	9.24E-03	1.09E-03	9.94E-03	1.20E-03	9.33E-03	1.10E-03	9.22E-03	1.09E-03	9.28E-03	1.10E-03	9.25E-03	1.09E-03	1.21E+00	1.86E-01	5.44E+00	6.63E-01
3586	Gridded	9.03E-03	1.18E-03	8.98E-03	1.17E-03	9.71E-03	1.28E-03	9.71E-03	1.28E-03	6.41E-04	9.74E-05	8.99E-03	1.17E-03	1.19E-02	1.62E-03	1.19E-02	1.62E-03	9.03E-03	1.18E-03	9.71E-03	1.28E-03	9.11E-03	1.19E-03	9.01E-03	1.17E-03	9.07E-03	1.18E-03	9.04E-03	1.18E-03	1.15E+00	1.75E-01	5.26E+00	7.29E-01
3587	Gridded	7.67E-03	1.15E-03	7.63E-03	1.14E-03	8.26E-03	1.24E-03	8.26E-03	1.24E-03	5.53E-04	9.57E-05	7.64E-03	1.14E-03	1.02E-02	1.54E-03	1.02E-02	1.54E-03	7.68E-03	1.15E-03	8.26E-03	1.24E-03	7.75E-03	1.16E-03	7.66E-03	1.14E-03	7.71E-03	1.15E-03	7.68E-03	1.15E-03	1.00E+00	1.51E-01	4.44E+00	7.24E-01

Scenario 2 Results

3588	Gridded	6.41E-03	1.26E-03	6.39E-03	1.25E-03	6.84E-03	1.36E-03	6.84E-03	1.36E-03	4.65E-04	9.99E-05	6.39E-03	1.25E-03	8.20E-03	1.71E-03	8.20E-03	1.71E-03	6.42E-03	1.26E-03	6.84E-03	1.36E-03	6.47E-03	1.27E-03	6.41E-03	1.25E-03	6.44E-03	1.26E-03	6.42E-03	1.26E-03	1.04E+00	1.29E-01	3.75E+00	7.43E-01
3589	Gridded	6.20E-03	1.33E-03	6.17E-03	1.33E-03	6.66E-03	1.44E-03	6.66E-03	1.44E-03	4.77E-04	9.75E-05	6.18E-03	1.33E-03	8.12E-03	1.77E-03	8.12E-03	1.77E-03	6.21E-03	1.33E-03	6.66E-03	1.44E-03	6.26E-03	1.35E-03	6.19E-03	1.33E-03	6.23E-03	1.34E-03	6.21E-03	1.33E-03	9.69E-01	1.55E-01	3.71E+00	7.91E-01
3590	Gridded	6.87E-03	1.35E-03	6.84E-03	1.35E-03	7.40E-03	1.45E-03	7.40E-03	1.45E-03	5.24E-04	9.02E-05	6.85E-03	1.35E-03	9.12E-03	1.76E-03	9.12E-03	1.76E-03	6.88E-03	1.35E-03	7.40E-03	1.45E-03	6.94E-03	1.36E-03	6.86E-03	1.35E-03	6.91E-03	1.36E-03	6.88E-03	1.35E-03	1.10E+00	1.71E-01	4.02E+00	8.03E-01
3591	Gridded	8.39E-03	1.30E-03	8.35E-03	1.29E-03	8.98E-03	1.39E-03	8.98E-03	1.39E-03	5.57E-04	8.12E-05	8.36E-03	1.29E-03	1.09E-02	1.67E-03	1.09E-02	1.67E-03	8.40E-03	1.30E-03	8.98E-03	1.39E-03	8.47E-03	1.31E-03	8.38E-03	1.30E-03	8.43E-03	1.30E-03	8.40E-03	1.30E-03	1.22E+00	2.04E-01	4.88E+00	7.76E-01
3592	Gridded	8.93E-03	1.78E-03	8.93E-03	1.77E-03	9.00E-03	1.88E-03	9.00E-03	1.88E-03	9.01E-04	1.04E-04	8.93E-03	1.77E-03	9.20E-03	2.20E-03	9.20E-03	2.20E-03	8.93E-03	1.78E-03	9.00E-03	1.88E-03	8.94E-03	1.79E-03	8.93E-03	1.78E-03	8.94E-03	1.78E-03	8.93E-03	1.78E-03	6.88E-01	1.43E-01	4.80E+00	1.12E+00
3593	Gridded	7.09E-03	1.68E-03	7.09E-03	1.67E-03	7.12E-03	1.76E-03	7.12E-03	1.76E-03	8.10E-04	9.87E-05	7.09E-03	1.67E-03	8.90E-03	2.03E-03	8.90E-03	2.03E-03	7.09E-03	1.68E-03	7.12E-03	1.76E-03	7.10E-03	1.69E-03	7.09E-03	1.68E-03	7.10E-03	1.68E-03	7.09E-03	1.68E-03	7.32E-01	1.44E-01	3.89E+00	1.04E+00
3594	Gridded	6.89E-03	1.59E-03	6.85E-03	1.58E-03	7.50E-03	1.69E-03	7.50E-03	1.69E-03	6.61E-04	1.15E-04	6.86E-03	1.58E-03	9.57E-03	2.01E-03	9.57E-03	2.01E-03	6.89E-03	1.59E-03	7.50E-03	1.69E-03	6.96E-03	1.60E-03	6.88E-03	1.59E-03	6.92E-03	1.60E-03	6.90E-03	1.59E-03	7.36E-01	1.30E-01	4.12E+00	9.95E-01
3595	Gridded	7.30E-03	1.60E-03	7.26E-03	1.59E-03	7.84E-03	1.69E-03	7.84E-03	1.69E-03	7.44E-04	1.34E-04	7.27E-03	1.59E-03	9.59E-03	2.02E-03	9.59E-03	2.02E-03	7.30E-03	1.60E-03	7.84E-03	1.69E-03	7.36E-03	1.61E-03	7.29E-03	1.60E-03	7.33E-03	1.60E-03	7.30E-03	1.60E-03	7.81E-01	1.38E-01	4.19E+00	1.00E+00
3596	Gridded	7.56E-03	1.66E-03	7.52E-03	1.65E-03	8.09E-03	1.76E-03	8.09E-03	1.76E-03	8.09E-04	1.55E-04	7.53E-03	1.65E-03	1.01E-02	2.08E-03	1.01E-02	2.08E-03	7.56E-03	1.66E-03	8.09E-03	1.76E-03	7.62E-03	1.67E-03	7.54E-03	1.66E-03	7.59E-03	1.66E-03	7.56E-03	1.66E-03	7.90E-01	1.52E-01	4.40E+00	9.83E-01
3597	Gridded	7.71E-03	1.62E-03	7.67E-03	1.62E-03	8.30E-03	1.74E-03	8.30E-03	1.74E-03	8.57E-04	1.76E-04	7.68E-03	1.62E-03	1.04E-02	2.23E-03	1.04E-02	2.23E-03	7.71E-03	1.62E-03	8.30E-03	1.74E-03	7.78E-03	1.63E-03	7.70E-03	1.62E-03	7.75E-03	1.63E-03	7.72E-03	1.62E-03	8.46E-01	1.61E-01	4.47E+00	9.92E-01
3598	Gridded	7.81E-03	1.72E-03	7.77E-03	1.72E-03	8.42E-03	1.85E-03	8.42E-03	1.85E-03	8.68E-04	1.74E-04	7.78E-03	1.72E-03	1.07E-02	2.31E-03	1.07E-02	2.31E-03	7.82E-03	1.72E-03	8.42E-03	1.85E-03	7.89E-03	1.74E-03	7.80E-03	1.72E-03	7.85E-03	1.73E-03	7.82E-03	1.73E-03	8.63E-01	2.70E-01	4.54E+00	1.05E+00
3599	Gridded	7.74E-03	1.76E-03	7.70E-03	1.75E-03	8.29E-03	1.92E-03	8.29E-03	1.92E-03	9.82E-04	2.12E-04	7.71E-03	1.75E-03	1.04E-02	2.42E-03	1.04E-02	2.42E-03	7.74E-03	1.76E-03	8.29E-03	1.92E-03	7.81E-03	1.78E-03	7.73E-03	1.76E-03	7.77E-03	1.77E-03	7.75E-03	1.77E-03	8.91E-01	3.36E-01	4.48E+00	1.10E+00
3600	Gridded	7.45E-03	1.84E-03	7.42E-03	1.83E-03	7.99E-03	1.95E-03	7.99E-03	1.95E-03	8.34E-04	2.00E-04	7.42E-03	1.83E-03	9.73E-03	2.32E-03	9.73E-03	2.32E-03	7.45E-03	1.84E-03	7.99E-03	1.95E-03	7.52E-03	1.85E-03	7.44E-03	1.83E-03	7.48E-03	1.84E-03	7.46E-03	1.84E-03	9.29E-01	3.15E-01	4.35E+00	1.13E+00
3601	Gridded	7.26E-03	1.65E-03	7.23E-03	1.65E-03	7.85E-03	1.71E-03	7.85E-03	1.71E-03	8.33E-04	1.25E-04	7.23E-03	1.65E-03	9.73E-03	2.10E-03	9.73E-03	2.10E-03	7.27E-03	1.65E-03	7.85E-03	1.71E-03	7.34E-03	1.66E-03	7.25E-03	1.65E-03	7.30E-03	1.65E-03	7.27E-03	1.65E-03	9.42E-01	2.52E-01	4.31E+00	1.02E+00
3602	Gridded	7.27E-03	1.45E-03	7.24E-03	1.45E-03	7.76E-03	1.52E-03	7.76E-03	1.52E-03	8.32E-04	1.15E-04	7.25E-03	1.45E-03	9.35E-03	1.72E-03	9.35E-03	1.72E-03	7.28E-03	1.45E-03	7.76E-03	1.52E-03	7.34E-03	1.46E-03	7.26E-03	1.45E-03	7.30E-03	1.46E-03	7.28E-03	1.46E-03	8.03E-01	1.71E-01	4.30E+00	9.28E-01
3603	Gridded	6.85E-03	1.30E-03	6.83E-03	1.29E-03	7.20E-03	1.41E-03	7.20E-03	1.41E-03	8.25E-04	1.51E-04	6.83E-03	1.29E-03	8.82E-03	1.78E-03	8.82E-03	1.78E-03	6.85E-03	1.30E-03	7.20E-03	1.41E-03	6.89E-03	1.31E-03	6.84E-03	1.30E-03	6.87E-03	1.31E-03	6.85E-03	1.30E-03	8.83E-01	2.11E-01	4.05E+00	8.32E-01
3604	Gridded	6.78E-03	1.39E-03	6.75E-03	1.38E-03	7.23E-03	1.49E-03	7.23E-03	1.49E-03	7.97E-04	1.33E-04	6.75E-03	1.38E-03	8.70E-03	1.81E-03	8.70E-03	1.81E-03	6.78E-03	1.39E-03	7.23E-03	1.49E-03	6.83E-03	1.40E-03	6.77E-03	1.38E-03	6.80E-03	1.39E-03	6.78E-03	1.39E-03	9.08E-01	2.41E-01	4.17E+00	8.84E-01
3605	Gridded	6.64E-03	1.38E-03	6.61E-03	1.38E-03	7.01E-03	1.47E-03	7.01E-03	1.47E-03	7.58E-04	9.58E-05	6.62E-03	1.38E-03	8.24E-03	1.73E-03	8.24E-03	1.73E-03	6.64E-03	1.39E-03	7.01E-03	1.47E-03	6.68E-03	1.39E-03	6.63E-03	1.38E-03	6.66E-03	1.39E-03	6.64E-03	1.39E-03	6.91E-01	1.84E-01	3.82E+00	8.96E-01
3606	Gridded	6.70E-03	1.25E-03	6.66E-03	1.25E-03	7.22E-03	1.30E-03	7.22E-03	1.30E-03	6.41E-04	9.47E-05	6.67E-03	1.25E-03	8.93E-03	1.47E-03	8.93E-03	1.47E-03	6.70E-03	1.25E-03	7.22E-03	1.30E-03	6.76E-03	1.26E-03	6.69E-03	1.25E-03	6.73E-03	1.26E-03	6.70E-03	1.25E-03	9.64E-01	1.65E-01	3.89E+00	8.13E-01
3607	Gridded	7.60E-03	9.99E-04	7.57E-03	9.96E-04	8.04E-03	1.05E-03	8.04E-03	1.05E-03	6.17E-04	6.43E-05	7.58E-03	9.96E-04	9.47E-03	1.22E-03	9.47E-03	1.22E-03	7.60E-03	9.99E-04	8.04E-03	1.05E-03	7.66E-03	1.01E-03	7.59E-03	9.98E-04	7.63E-03	1.00E-03	7.61E-03	1.00E-03	8.11E-01	2.42E-01	4.37E+00	6.89E-01
3608	Gridded	7.28E-03	7.80E-04	7.26E-03	7.77E-04	7.60E-03	8.52E-04	7.60E-03	8.52E-04	5.86E-04	6.74E-05	7.27E-03	7.77E-04	9.00E-03	1.08E-03	9.00E-03	1.08E-03	7.29E-03	7.81E-04	7.60E-03	8.52E-04	7.32E-03	7.89E-04	7.28E-03	7.79E-04	7.30E-03	7.85E-04	7.29E-03	7.81E-04	7.69E-01	2.80E-01	4.16E+00	5.54E-01
3609	Gridded	7.45E-03	8.76E-04	7.42E-03	8.72E-04	7.86E-03	9.44E-04	7.86E-03	9.44E-04	5.64E-04	6.67E-05	7.42E-03	8.73E-04	9.20E-03	1.16E-03	9.20E-03	1.16E-03	7.45E-03	8.77E-04	7.86E-03	9.44E-04	7.50E-03	8.85E-04	7.44E-03	8.75E-04	7.47E-03	8.81E-04	7.45E-03	8.77E-04	8.34E-01	2.88E-01	4.32E+00	5.32E-01
3610	Gridded	6.81E-03	8.73E-04	6.79E-03	8.70E-04	7.09E-03	9.31E-04	7.09E-03	9.31E-04	5.23E-04	7.99E-05	6.79E-03	8.70E-04	8.01E-03	1.12E-03	8.01E-03	1.12E-03	6.81E-03	8.74E-04	7.09E-03	9.31E-04	6.84E-03	8.81E-04	6.80E-03	8.72E-04	6.83E-03	8.77E-04	6.81E-03	8.74E-04	8.85E-01	2.85E-01	3.93E+00	5.32E-01
3611	Gridded	6.44E-03	7.80E-04	6.41E-03	7.77E-04	6.88E-03	8.25E-04	6.88E-03	8.25E-04	6.51E-04	6.85E-05	6.42E-03	7.77E-04	8.31E-03	9.73E-04	8.31E-03	9.73E-04	6.44E-03	7.80E-04	6.88E-03	8.25E-04	6.50E-03	7.85E-04	6.43E-03	7.79E-04	6.47E-03	7.82E-04	6.45E-03	7.80E-04	8.55E-01	1.94E-01	3.74E+00	5.28E-01
3612	Gridded	6.81E-03	7.02E-04	6.79E-03	6.98E-04	7.16E-03	7.50E-04	7.16E-03	7.50E-04	6.12E-04	7.81E-05	6.79E-03	6.99E-04	8.31E-03	9.05E-04	8.31E-03	9.05E-04	6.81E-03	7.02E-04	7.16E-03	7.50E-04	6.85E-03	7.08E-04	6.80E-03	7.01E-04	6.83E-03	7.04E-04	6.81E-03	7.02E-04	7.33E-01	2.06E-01	3.94E+00	5.21E-01
3613	Gridded	7.39E-03	7.29E-04	7.35E-03	7.23E-04	7.88E-03	8.12E-04	7.88E-03	8.12E-04	6.62E-04	7.87E-05	7.36E-03	7.24E-04	9.47E-03	1.08E-03	9.47E-03	1.08E-03	7.39E-03	7.29E-04	7.88E-03	8.12E-04	7.45E-03	7.39E-04	7.38E-03	7.27E-04	7.42E-03	7.34E-04	7.39E-03	7.30E-04	6.45E-01	1.51E-01	4.45E+00	4.68E-01
3614	Gridded	8.55E-03	8.31E-04	8.53E-03	8.26E-04	8.94E-03	9.04E-04	8.94E-03	9.04E-04	5.23E-04	6.89E-05	8.53E-03	8.27E-04	1.02E-02	1.14E-03	1.02E-02	1.14E-03	8.55E-03	8.31E-04	8.94E-03	9.04E-04	8.60E-03	8.40E-04	8.54E-03	8.29E-04	8.57E-03	8.35E-04	8.56E-03	8.31E-04	7.01E-01	9.50E-02	5.04E+00	5.34E-01
3615	Gridded	8.23E-03	8.18E-04	8.21E-03	8.15E-04	8.75E-03	8.75E-04	8.75E-03	8.75E-04	5.88E-04	8.81E-05	8.21E-03	8.15E-04	1.07E-02	1.12E-03	1.07E-02	1.12E-03	8.23E-03	8.19E-04	8.75E-03	8.75E-04	8.27E-03	8.25E-04	8.22E-03	8.17E-04	8.25E-03	8.22E-04	8.23E-03	8.19E-04	9.49E-01	1.35E-01	4.87E+00	5.32E-01
3616	Gridded	9.99E-03	9.71E-04	9.95E-03	9.64E-04	1.07E-02	1.08E-03	1.07E-02	1.08E-03	6.64E-04	9.83E-05	9.95E-03	9.65E-04	1.30E-02	1.41E-03	1.30E-02	1.41E-03	9.99E-03	9.71E-04	1.07E-02	1.08E-03	1.01E-02	9.84E-04	9.98E-03	9.69E-04	1.00E-02	9.77E-04	1.00E-02	9.72E-04	1.19E+00	1.67E-01	5.88E+00	5.77E-01
3617	Gridded	1.04E-02	1.15E-03	1.04E-02	1.14E-03	1.12E-02	1.25E-03	1.12E-02	1.25E-03	6.92E-04	9.92E-05	1.04E-02	1.14E-03	1.36E-02	1.59E-03	1.36E-02	1.59E-03	1.04E-02	1.15E-03	1.12E-02	1.25E-03	1.05E-02	1.16E-03	1.04E-02	1.14E-03	1.05E-02	1.15E-03	1.04E-02	1.15E-03	1.14E+00	1.75E-01	6.08E+00	6.92E-01
3618	Gridded	9.48E-03	1.21E-03	9.43E-03	1.20E-03	1.02E-02	1.31E-03	1.02E-02	1.31E-03	6.45E-04	9.35E-05	9.44E-03	1.20E-03	1.24E-02	1.63E-03	1.24E-02	1.63E-03	9.48E-03	1.21E-03	1.02E-02	1.31E-03	9.56E-03	1.22E-03	9.46E-03	1.21E-03	9.52E-03	1.21E-03	9.48E-03	1.21E-03	8.63E-01	1.64E-01	5.49E+00	7.42E-01
3619	Gridded	7.67E-03	1.17E-03	7.63E-03	1.16E-03	8.25E-03	1.25E-03	8.25E-03	1.25E-03	5.47E-04	8.92E-05	7.63E-03	1.16E-03	1.01E-02	1.54E-03	1.01E-02	1.54E-03	7.67E-03	1.17E-03	8.25E-03	1.25E-03	7.74E-03	1.18E-03	7.65E-03	1.16E-03	7.70E-03	1.17E-03	7.67E-03	1.17E-03	9.76E-01	1.41E-01	4.43E+00	7.25E-01
3620	Gridded	6.97E-03	1.24E-03	6.94E-03	1.23E-03	7.41E-03	1.34E-03	7.41E-03	1.34E-03	4.37E-04	9.03E-05	6.94E-03	1.23E-03	8.85E-03	1.65E-03	8.85E-03	1.65E-03	6.97E-03	1.24E-03	7.41E-03	1.34E-03	7.02E-03	1.25E-03	6.96E-03	1.24E-03	6.99E-03	1.25E-03	6.97E-03	1.24E-03	1.05E+00	1.23E-01	4.06E+00	7.24E-01
3621	Gridded	6.61E-03	1.30E-03	6.59E-03	1.29E-03	7.03E-03	1.39E-03	7.03E-03	1.39E-03	4.51E-04	8.66E-05	6.59E-03	1.29E-03	8.39E-03	1.69E-03	8.39E-03	1.69E-03	6.61E-03	1.30E-03	7.03E-03	1.39E-03	6.67E-03	1.31E-03	6.60E-03	1.29E-03	6.64E-03	1.30E-03	6.62E-03	1.30E-03	9.86E-01	1.43E-01	3.85E+00	7.59E-01
3622	Gridded	6.55E-03	1.29E-03	6.51E-03	1.28E-03	7.04E-03	1.37E-03	7.04E-03	1.37E-03	4.63E-04	8.10E-05	6.52E-03	1.28E-03	8.63E-03	1.65E-03	8.63E-03	1.65E-03	6.55E-03	1.29E-03	7.04E-03	1.37E-03	6.61E-03	1.30E-03	6.54E-03	1.28E-03	6.57E-03	1.29E-03	6.55E-03	1.29E-03	9.56E-01	1.49E-01	3.85E+00	7.55E-01
3623	Gridded	6.89E-03	1.54E-03	6.89E-03	1.54E-03	7.31E-03	1.64E-03	7.31E-03	1.64E-03	7.29E-04	9.65E-05	6.89E-03	1.54E-03	9.17E-03	1.98E-03	9.17E-03	1.98E-03	6.89E-03	1.54E-03	7.31E-03	1.64E-03	6.90E-03	1.55E-03	6.89E-03	1.54E-03	6.89E-03	1.55E-03	6.89E-03	1.54E-03	6.94E-01	1.38E-01	4.06E+00	9.63E-01
3624	Gridded	7.09E-03	1.59E-03	7.05E-03	1.58E-03	7.60E-03	1.68E-03	7.60E-03	1.68E-03	6.15E-04	1.10E-04	7.06E-03	1.58E-03	9.26E-03	1.99E-03	9.26E-03	1.99E-03	7.09E-03	1.59E-03	7.60E-03	1.68E-03	7.15E-03	1.60E-03	7.08E-03	1.59E-03	7.12E-03	1.59E-03	7.09E-03	1.59E-03	6.92E-01	1.24E-01	4.18E+00	9.91E-01
3625	Gridded	6.95E-03	1.55E-03	6.92E-03	1.54E-03	7.46E-03	1.63E-03	7.46E-03	1.63E-03	7.16E-04	1.23E-04	6.92E-03	1.54E-03	9.32E-03	1.90E-03	9.32E-03	1.90E-03	6.95E-03	1.55E-03	7.46E-03	1.63E-03	7.00E-03	1.56E-03	6.94E-03	1.55E-03	6.97E-03	1.55E-03	6.95E-03	1.55E-03	7.15E-01	1.30E-01	4.09E+00	9.71E-01
3626	Gridded	7.40E-03	1.54E-03	7.36E-03	1.54E-03	7.88E-03	1.64E-03	7.88E-03	1.64E-03	8.23E-04	1.48E-04	7.37E-03	1.54E-03	9.73E-03	1.93E-03	9.73E-03	1.93E-03	7.40E-03	1.55E-03	7.88E-03	1.64E-03	7.46E-03	1.56E-03	7.39E-03	1.54E-03	7.42E-03	1.55E-03	7.40E-03	1.55E-03	7.38E-01	1.41E-01	4.28E+00	9.16E-01
3627	Gridded	7.64E-03	1.57E-03	7.61E-03	1.56E-03	8.19E-03	1.71E-03	8.19E-03	1.71E-03	7.77E-04	1.70E-04	7.61E-03	1.56E-03	1.02E-02	2.18E-03	1.02E-02	2.18E-03	7.64E-03	1.57E-03	8.19E-03	1.71E-03	7.71E-03	1.59E-03	7.63E-03	1.57E-03	7.68E-03	1.58E-03	7.65E-03	1.57E-03	8.06E-01	1.47E-01	4.40E+00	9.72E-01
3628	Gridded	7.95E-03	1.74E-03	7.91E-03	1.73E-03	8.54E-03	1.87E-03	8.54E-03	1.87E-03	9.11E-04	1.79E-04	7.92E-03	1.74E-03	1.08E-02	2.39E-03	1.08E-02	2.39E-03	7.95E-03	1.74E-03	8.54E-03	1.87E-03	8.02E-03	1.76E-03	7.94E-03	1.74E-03	7.98E-03	1.75E-03	7.96E-03	1.74E-03	8.04E-01	2.53E-01	4.60E+00	1.06E+00
3629	Gridded	8.10E-03	1.83E-03	8.06E-03	1.82E-03	8.68E-03	1.99E-03	8.68E-03	1.99E-03	1.01E-03	2.15E-04	8.07E-03	1.82E-03	1.06E-02	2.51E-03	1.06E-02	2.51E-03	8.10E-03	1.83E-03	8.68E-03	1.99E-03	8.17E-03	1.85E-03	8.09E-03	1.83E-03	8.13E-03	1.84E-03	8.11E-03	1.83E-03	8.61E-01	3.27E-01	4.68E+00	1.15E+00
3630	Gridded	7.72E-03	1.97E-03	7.69E-03	1.96E-03	8.31E-03	2.10E-03	8.31E-03	2.10E-03	1.01E-03	2.22E-04	7.69E-03	1.96E-03	1.02E-02	2.52E-03	1.02E-02	2.52E-03	7.73E-03	1.97E-03	8.31E-03	2.10E-03	7.80E-03	1.99E-03	7.71E-03	1.97E-03	7.76E-03	1.98E-03	7.73E-03	1.97E-03	8.48E-01	3.05E-01	4.52E+00	1.21E+00
3631	Gridded	7.38E-03	1.85E-03	7.33E-03	1.85E-03	8.03E-03	1.93E-03	8.03E-03	1.93E-03	9.10E-04	1.67E-04	7.34E-03	1.85E-03	1.02E-02	2.51E-03	1.02E-02	2.51E-03	7.38E-03	1.85E-03	8.03E-03	1.93E-03	7.46E-03	1.86E-03	7.36E-03	1.85E-03	7.41E-03	1.85E-03	7.38E-03	1.85E-03	8.85E-01	2.65E-01	4.39E+00	1.17E+00
3632	Gridded	7.51E-03	1.67E-03	7.48E-03	1.67E-03	7.87E-03	1.76E-03	7.87E-03	1.76E-03	6.57E-04	1.05E-04	7.49E-03	1.67E-03	9.16E-03	2.05E-03	9.16E-03	2.05E-03	7.51E-03	1.67E-03	7.87E-03	1.76E-03	7.55E-03	1.68E-03	7.50E-03	1.67E-03	7.53E-03	1.68E-03	7.51E-03	1.67E-03	8.44E-01	1.81E-01	4.30E+00	1.03E+00
3633	Gridded	7.16E-03	1.47E-03	7.14E-03	1.46E-03	7.54E-03	1.52E-03	7.54E-03	1.52E-03	8.55E-04	1.43E-04	7.14E-03	1.47E-03	9.08E-03	1.79E-03	9.08E-03	1.79E-03	7.16E-03	1.47E-03	7.54E-03	1.52E-03	7.21E-03	1.47E-03	7.15E-03	1.47E-03	7.18E-03	1.47E-03	7.17E-03	1.47E-03	8.55E-01	1.63E-01	4.16E+00	8.96E-01
3634	Gridded	6.83E-03	1.46E-03	6.80E-03	1.45E-03	7.23E-03	1.57E-03	7.23E-03	1.57E-03	8.19E-04	1.58E-04	6.81E-03	1.45E-03	9.14E-03	1.92E-03	9.14E-03	1.92E-03	6.83E-03	1.46E-03	7.23E-03	1.57E-03	6.88E-03	1.47E-03	6.82E-03	1.45E-03	6.85E-03	1.46E-03	6.83E-03	1.46E-03	8.88E-01	2.23E-01	4.04E+00	9.06E-01
3635	Gridded	6.86E-03	1.49E-03	6.84E-03	1.49E-03	7.16E-03	1.59E-03	7.16E-03	1.59E-03	7.08E-04	1.23E-04	6.85E-03	1.49E-03	8.49E-03	1.92E-03	8.49E-03	1.92E-03	6.86E-03	1.49E-03	7.16E-03	1.59E-03	6.90E-03	1.51E-03	6.86E-03	1.49E-03	6.88E-03	1.50E-03	6.87E-03	1.49E-03	7.96E-01	2.28E-01	4.07E+00	9.39E-01
3636	Gridded	6.44E-03	1.47E-03	6.42E-03	1.46E-03	6.76E-03	1.55E-03	6.76E-03	1.55E-03	7.05E-04	1.01E-04	6.42E-03	1.47E-03	8.29E-03	1.81E-03	8.29E-03	1.81E-03	6.44E-03	1.47E-03	6.76E-03	1.55E-03	6.48E-03	1.48E-03	6.43E-03	1.47E-03	6.46E-03	1.47E-03	6.44E-03	1.47E-03	6.87E-01	1.61E-01	3.89E+00	9.35E-01
3637	Gridded	7.32E-03	1.29E-03	7.29E-03	1.29E-03	7.82E-03	1.34E-03	7.82E-03	1.34E-03	6.68E-04	1.00E-04	7.29E-03	1.29E-03	9.46E-03	1.53E-03	9.46E-03	1.53E-03	7.32E-03	1.29E-03	7.82E-03	1.34E-03	7.38E-03	1.30E-03	7.31E-03	1.29E-03	7.35E-03	1.30E-03	7.32E-03	1.30E-03	8.98E-01	1.53E-01	4.43E+00	8.23E-01
3638	Gridded	7.33E-03	1.13E-03	7.31E-03	1.13E-03	7.70E-03	1.19E-03	7.70E-03	1.19E-03	6.22E-04	6.93E-05	7.31E-03	1.13E-03	8.87E-03	1.37E-03	8.87E-03	1.37E-03	7.34E-03	1.13E-03	7.70E-03	1.19E-03	7.38E-03	1.14E-03	7.33E-03	1.13E-03	7.36E-03	1.14E-03	7.34E-03	1.13E-03	8.02E-01	2.42E-01	4.39E+00	7.49E-01
3639	Gridded	6.76E-03	8.74E-04	6.73E-03	8.72E-04	7.14E-03	9.04E-04	7.14E-03	9.04E-04	5.49E-04	6.22E-05	6.74E-03	8.72E-04	8.39E-03	1.07E-03	8.39E-03	1.07E-03	6.76E-03	8.74E-04	7.14E-03	9.04E-04	6.81E-03	8.78E-04	6.75E-03	8.73E-04	6.78E-03	8.76E-04	6.76E-03	8.74E-04	7.73E-01	2.76E-01	4.05E+00	6.26E-01
3640	Gridded	7.03E-03	8.83E-04	7.00E-03	8.79E-04	7.39E-03	9.47E-04	7.39E-03	9.47E-04	5.32E-04	7.63E-05	7.01E-03	8.80E-04	8.57E-03	1.15E-03	8.57E-03	1.15E-03	7.03E-03	8.83E-04	7.39E-03	9.47E-04	7.07E-03	8.91E-04	7.02E-03	8.82E-04	7.05E-03	8.87E-04	7.03E-03	8.84E-04	7.95E-01	2.88E-01	4.03E+00	5.25E-01
3641	Gridded	6.53E-03	8.95E-04	6.52E-03	8.91E-04	6.80E-03	9.52E-04	6.80E-03	9.52E-04	5.13E-04	8.48E-05	6.52E-03	8.92E-04	7.79E-03	1.14E-03	7.79E-03	1.14E-03	6.53E-03	8.95E-04	6.80E-03	9.52E-04	6.57E-03	9.02E-04	6.53E-03	8.94E-04	6.55E-03	8.98E-04	6.54E-03	8.95E-04	8.84E-01	2.77E-01	3.82E+00	5.43E-01
3642	Gridded	5.95E-03	8.22E-04	5.92E-03	8.18E-04	6.30E-03	8.69E-04	6.30E-03	8.69E-04	6.71E-04	7.78E-05	5.93E-03	8.19E-04	7.48E-03	1.02E-03	7.48E-03	1.02E-03	5.95E-03	8.22E-04	6.30E-03	8.69E-04	5.99E-03	8.27E-04	5.94E-03	8.21E-04	5.97E-03	8.24E-04	5.95E-03	8.22E-04	8.15E-01	2.17E-01	3.66E+00	5.41E-01
3643	Gridded	7.15E-03	7.87E-04	7.11E-03	7.83E-04	7.67E-03	8.48E-04	7.67E-03	8.48E-04	5.97E-04	7.31E-05	7.12E-03	7.84E-04	9.38E-03	1.05E-03	9.38E-03	1.05E-03	7.15E-03	7.87E-04	7.67E-03	8.48E-04	7.21E-03	7.95E-04	7.14E-03	7.86E-04	7.18E-03	7.91E-04	7.16E-03	7.88E-04	7.52E-01	1.94E-01	4.20E+00	5.72E-01
3644	Gridded	8.11E-03	7.42E-04	8.07E-03	7.36E-04	8.69E-03	8.25E-04	8.69E-03	8.25E-04	6.76E-04	7.82E-05	8.08E-03	7.37E-04	1.06E-02	1.09E-03	1.06E-02	1.09E-03	8.11E-03	7.42E-04	8.69E-03	8.25E-04	8.18E-03	7.52E-04	8.10E-03	7.40E-04	8.14E-03	7.47E-04	8.12E-03	7.43E-04	6.93E-01	1.77E-01	4.87E+00	5.26E-01
3645	Gridded	9.58E-03	8.75E-04	9.55E-03	8.70E-04	1.01E-02	9.53E-04	1.01E-02	9.53E-04	5.70E-04	7.36E-05	9.56E-03	8.71E-04	1.16E-02	1.21E-03	1.16E-02	1.21E-03	9.59E-03	8.75E-04	1.01E-02	9.53E-04	9.64E-03	8.85E-04	9.57E-03	8.74E-04	9.61E-03	8.80E-04	9.59E-03	8.76E-04	6.55E-01	1.08E-01	5.64E+00	5.48E-01
3646	Gridded	9.54E-03	9.13E-04	9.51E-03	9.08E-04	9.91E-03	9.79E-04	9.91E-03	9.79E-04	5.49E-04	7.00E-05	9.52E-03	9.09E-04	1.11E-02	1.19E-03	1.11E-02	1.19E-03	9.54E-03	9.13E-04	9.91E-03	9.79E-04	9.58E-03	9.21E-04	9.53E-03	9.11E-04	9.56E-03	9.17E-04	9.54E-03	9.13E-04	6.91E-01	9.74E-02	5.55E+00	5.76E-01
3647	Gridded	1.02E-02	8.43E-04	1.02E-02	8.40E-04	1.09E-02	8.95E-04	1.09E-02	8.95E-04	6.43E-04	8.58E-05	1.02E-02	8.40E-04	1.31E-02	1.19E-03	1.31E-02	1.19E-03	1.02E-02	8.43E-04	1.09E-02	8.95E-04	1.03E-02	8.49E-04	1.02E-02	8.42E-04	1.02E-02	8.46E-04	1.02E-02	8.44E-04	1.04E+00	1.41E-01	6.00E+00	5.42E-01
3648	Gridded	1.12E-02	1.02E-03	1.12E-02	1.02E-03	1.20E-02	1.12E-03	1.20E-02	1.12E-03	7.11E-04	9.48E-05	1.12E-02	1.02E-03	1.44E-02	1.45E-03	1.44E-02	1.45E-03	1.12E-02	1.02E-03	1.20E-02	1.12E-03	1.13E-02	1.04E-03	1.12E-02	1.02E-03	1.13E-02	1.03E-03	1.12E-02	1.02E-03	1.18E+00	1.61E-01	6.54E+00	6.07E-01
3649	Gridded	1.09E-02	1.17E-03	1.09E-02	1.16E-03	1.17E-02	1.27E-03	1.17E-02	1.27E-03	7.12E-04	9.45E-05	1.09E-02	1.16E-03	1.41E-02	1.59E-03	1.41E-02	1.59E-03	1.09E-02	1.17E-03	1.17E-02	1.27E-03	1.10E-02	1.18E-03	1.09E-02	1.17E-03	1.09E-02	1.17E-03	1.09E-02	1.17E-03	1.05E+00	1.65E-01	6.32E+00	7.02E-01
3650	Gridded	9.56E-03	1.22E-03	9.51E-03	1.21E-03	1.02E-02	1.31E-03	1.02E-02	1.31E-03	6.53E-04	8.73E-05	9.52E-03	1.21E-03	1.25E-02	1.61E-03	1.25E-02	1.61E-03	9.56E-03	1.22E-03	1.02E-02	1.31E-03	9.64E-03	1.23E-03	9.54E-03	1.21E-03	9.60E-03	1.22E-03	9.56E-03	1.22E-03	8.00E-01	1.55E-01	5.52E+00	7.38E-01
3651	Gridded	7.72E-03	1.17E-03	7.68E-03	1.16E-03	8.31E-03	1.25E-03	8.31E-03	1.25E-03	5.52E-04	7.81E-05	7.69E-03	1.16E-03	1.02E-02	1.52E-03	1.02E-02	1.52E-03	7.72E-03	1.17E-03	8.31E-03	1.25E-03	7.80E-03	1.18E-03	7.71E-03	1.17E-03	7.76E-03	1.17E-03	7.73E-03	1.17E-03	9.81E-01	1.35E-01	4.46E+00	7.14E-01
3652	Gridded	7.35E-03	1.16E-03	7.32E-03	1.16E-03	7.82E-03	1.25E-03	7.82E-03	1.25E-03	4.40E-04	7.85E-05	7.32E-03	1.16E-03	9.33E-03	1.52E-03	9.33E-03	1.52E-03	7.35E-03	1.16E-03	7.82E-03	1.25E-03	7.41E-03	1.17E-03	7.34E-03	1.16E-03	7.38E-03	1.17E-03	7.35E-03	1.16E-03	1.04E+00	1.16E-01	4.28E+00	6.74E-01
3653	Gridded	7.10E-03	1.19E-03	7.07E-03	1.18E-03	7.54E-03	1.27E-03	7.54E-03	1.27E-03	4.42E-04	7.73E-05	7.07E-03	1.19E-03	8.97E-03	1.54E-03	8.97E-03	1.54E-03	7.10E-03	1.19E-03	7.54E-03	1.27E-03	7.15E-03	1.20E-03	7.09E-03	1.19E-03	7.12E-03	1.20E-03	7.10E-03	1.19E-03	9.84E-01	1.33E-01	4.12E+00	6.93E-01
3654	Gridded	7.13E-03	1.53E-03	7.10E-03	1.52E-03	7.60E-03	1.62E-03	7.60E-03	1.62E-03	5.89E-04	1.07E-04	7.10E-03	1.52E-03	9.14E-03	1.92E-03	9.14E-03	1.92E-03	7.13E-03	1.53E-03	7.60E-03	1.62E-03	7.19E-03	1.54E-03	7.12E-03	1.53E-03	7.16E-03	1.53E-03	7.14E-03	1.53E-03	6.44E-01	1.18E-01	4.15E+00	9.57E-01
3655	Gridded	6.95E-03	1.50E-03	6.91E-03	1.49E-03	7.47E-03	1.57E-03	7.47E-03	1.57E-03	7.30E-04	1.16E-04	6.92E-03	1.49E-03	9.17E-03	1.83E-03	9.17E-03	1.83E-03	6.95E-03	1.50E-03	7.47E-03	1.57E-03	7.01E-03	1.50E-03	6.93E-03	1.49E-03	6.98E-03	1.50E-03	6.95E-03	1.50E-03	6.71E-01	1.25E-01	4.09E+00	9.41E-01
3656	Gridded	7.09E-03	1.44E-03	7.06E-03	1.43E-03	7.53E-03	1.52E-03	7.53E-03	1.52E-03	8.09E-04	1.38E-04	7.07E-03	1.43E-03	9.18E-03	1.84E-03	9.18E-03	1.84E-03	7.09E-03	1.44E-03	7.53E-03	1.52E-03	7.14E-03	1.45E-03	7.08E-03	1.44E-03	7.12E-03	1.44E-03	7.09E-03	1.44E-03	6.80E-01	1.28E-01	4.08E+00	8.69E-01
3657	Gridded	7.20E-03	1.49E-03	7.17E-03	1.48E-03	7.68E-03	1.62E-03	7.68E-03	1.62E-03	7.01E-04	1.55E-04	7.17E-03	1.48E-03	9.51E-03	2.04E-03	9.51E-03	2.04E-03	7.20E-03	1.49E-03	7.68E-03	1.62E-03	7.26E-03	1.50E-03	7.19E-03	1.48E-03	7.23E-03	1.49E-03	7.20E-03	1.49E-03	7.29E-01	1.32E-01	4.16E+00	9.16E-01
3658	Gridded	7.55E-03	1.66E-03	7.51E-03	1.65E-03	8.09E-03	1.78E-03	8.09E-03	1.78E-03	8.86E-04	1.70E-04	7.52E-03	1.65E-03	1.02E-02	2.32E-03	1.02E-02	2.32E-03	7.55E-03	1.66E-03	8.09E-03	1.78E-03	7.62E-03	1.67E-03	7.54E-03	1.66E-03	7.58E-03	1.67E-03	7.56E-03	1.66E-03	7.38E-01	2.27E-01	4.40E+00	1.00E+00
3659	Gridded	7.99E-03	1.83E-03	7.95E-03	1.82E-03	8.56E-03	1.99E-03	8.56E-03	1.99E-03	9.34E-04	2.09E-04	7.96E-03	1.82E-03	1.04E-02	2.57E-03	1.04E-02	2.57E-03	7.99E-03	1.83E-03	8.56E-03	1.99E-03	8.06E-03	1.85E-03	7.98E-03	1.83E-03	8.03E-03	1.84E-03	8.00E-03	1.83E-03	8.13E-01	3.11E-01	4.61E+00	1.17E+00
3660	Gridded	7.78E-03	2.05E-03	7.74E-03	2.04E-03	8.39E-03	2.20E-03	8.39E-03	2.20E-03	1.09E-03	2.31E-04	7.75E-03	2.05E-03	1.03E-02	2.66E-03	1.03E-02	2.66E-03	7.78E-03	2.05E-03	8.39E-03	2.20E-03	7.86E-03	2.07E-03	7.77E-03	2.05E-03	7.82E-03	2.06E-03	7.79E-03	2.06E-03	8.09E-01	3.15E-01	4.55E+00	1.26E+00
3661	Gridded	7.42E-03	1.98E-03	7.38E-03	1.97E-03	7.94E-03	2.08E-03	7.94E-03	2.08E-03	8.91E-04	1.95E-04	7.39E-03	1.97E-03	1.01E-02	2.75E-03	1.01E-02	2.75E-03	7.42E-03	1.98E-03	7.94E-03	2.08E-03	7.48E-03	1.99E-03	7.41E-03	1.97E-03	7.45E-03	1.98E-03	7.42E-03	1.98E-03	8.26E-01	2.64E-01	4.40E+00	1.26E+00
3662	Gridded	7.59E-03	1.90E-03	7.56E-03	1.89E-03	8.03E-03	2.02E-03	8.03E-03	2.02E-03	8.50E-04	1.18E-04	7.57E-03	1.89E-03	9.52E-03	2.43E-03	9.52E-03	2.43E-03	7.59E-03	1.90E-03	8.03E-03	2.02E-03	7.65E-03	1.91E-03	7.58E-03	1.89E-03	7.62E-03	1.90E-03	7.60E-03	1.90E-03	8.15E-01	1.95E-01	4.42E+00	1.18E+00
3663	Gridded	7.51E-03	1.56E-03	7.48E-03	1.56E-03	7.85E-03	1.63E-03	7.85E-03	1.63E-03	7.21E-04	1.16E-04	7.49E-03	1.56E-03	8.96E-03	1.83E-03	8.96E-03	1.83E-03	7.51E-03	1.56E-03	7.85E-03	1.63E-03	7.55E-03	1.57E-03	7.50E-03	1.56E-03	7.53E-03	1.57E-03	7.51E-03	1.56E-03	7.53E-01	1.51E-01	4.20E+00	9.70E-01
3664	Gridded	7.63E-03	1.44E-03	7.61E-03	1.43E-03	7.86E-03	1.55E-03	7.86E-03	1.55E-03	7.92E-04	1.55E-04	7.62E-03	1.43E-03	8.91E-03	1.90E-03	8.91E-03	1.90E-03	7.63E-03	1.44E-03	7.86E-03	1.55E-03	7.66E-03	1.45E-03	7.62E-03	1.43E-03	7.64E-03	1.44E-03	7.63E-03	1.44E-03	8.22E-01	1.85E-01	4.20E+00	8.88E-01
3665	Gridded	7.04E-03	1.52E-03	7.01E-03	1.51E-03	7.52E-03	1.62E-03	7.52E-03	1.62E-03	7.45E-04	1.52E-04	7.01E-03	1.51E-03	9.19E-03	2.01E-03	9.19E-03	2.01E-03	7.04E-03	1.52E-03	7.52E-03	1.62E-03	7.10E-03	1.53E-03	7.03E-03	1.51E-03	7.07E-03	1.52E-03	7.04E-03	1.52E-03	8.95E-01	2.24E-01	4.25E+00	1.02E+00
3666	Gridded	6.74E-03	1.55E-03	6.71E-03	1.54E-03	7.15E-03	1.65E-03	7.15E-03	1.65E-03	7.30E-04	1.12E-04	6.72E-03	1.54E-03	8.74E-03	1.98E-03	8.74E-03	1.98E-03	6.74E-03	1.55E-03	7.15E-03	1.65E-03	6.79E-03	1.56E-03	6.73E-03	1.55E-03	6.76E-03	1.55E-03	6.74E-03	1.55E-03	7.87E-01	2.10E-01	4.06E+00	9.94E-01
3667	Gridded	7.42E-03	1.51E-03	7.38E-03	1.50E-03	8.05E-03	1.59E-03	8.05E-03	1.59E-03	6.53E-04	1.03E-04	7.39E-03	1.51E-03	1.01E-02	1.84E-03	1.01E-02	1.84E-03	7.43E-03	1.51E-03	8.05E-03	1.59E-03	7.50E-03	1.52E-03	7.41E-03	1.51E-03	7.46E-03	1.51E-03	7.43E-03	1.51E-03	7.47E-01	1.51E-01	4.51E+00	9.51E-01
3668	Gridded	8.59E-03	1.34E-03	8.56E-03	1.34E-03	9.14E-03	1.42E-03	9.14E-03	1.42E-03	6.72E-04	1.06E-04	8.56E-03	1.34E-03	1.09E-02	1.69E-03	1.09E-02	1.69E-03	8.60E-03	1.34E-03	9.14E-03	1.42E-03	8.66E-03	1.35E-03	8.58E-03	1.34E-03	8.63E-03	1.35E-03	8.60E-03	1.34E-03	8.10E-01	1.54E-01	5.14E+00	8.83E-01
3669	Gridded	8.25E-03	1.23E-03	8.23E-03	1.23E-03	8.65E-03	1.29E-03	8.65E-03	1.29E-03	6.11E-04	7.61E-05	8.23E-03	1.23E-03	9.95E-03	1.47E-03	9.95E-03	1.47E-03	8.25E-03	1.23E-03	8.65E-03	1.29E-03	8.30E-03	1.24E-03	8.24E-03	1.23E-03	8.28E-03	1.23E-03	8.26E-03	1.23E-03	7.77E-01	2.39E-01	4.90E+00	7.93E-01
3670	Gridded	6.65E-03	9.80E-04	6.63E-03	9.76E-04	7.01E-03	1.04E-03	7.01E-03	1.04E-03	5.42E-04	6.47E-05	6.63E-03	9.77E-04	8.34E-03	1.23E-03	8.34E-03	1.23E-03	6.65E-03	9.80E-04	7.01E-03	1.04E-03	6.70E-03	9.87E-04	6.64E-03	9.79E-04	6.67E-03	9.83E-04	6.66E-03	9.81E-04	7.69E-01	2.71E-01	3.95E+00	7.15E-01
3671	Gridded	6.26E-03	8.37E-04	6.22E-03	8.33E-04	6.73E-03	8.95E-04	6.73E-03	8.95E-04	4.94E-04	8.65E-05	6.23E-03	8.33E-04	8.28E-03	1.09E-03	8.28E-03	1.09E-03	6.26E-03	8.37E-04	6.73E-03	8.95E-04	6.31E-03	8.44E-04	6.25E-03	8.35E-04	6.28E-03	8.40E-04	6.26E-03	8.37E-04	7.86E-01	2.90E-01	3.80E+00	6.11E-01
3672	Gridded	6.43E-03	8.58E-04	6.40E-03	8.55E-04	6.77E-03	9.12E-04	6.77E-03	9.12E-04	5.17E-04	8.85E-05	6.41E-03	8.55E-04	7.87E-03	1.09E-03	7.87E-03	1.09E-03	6.43E-03	8.59E-04	6.77E-03	9.12E-04	6.47E-03	8.65E-04	6.42E-03	8.57E-04	6.45E-03	8.62E-04	6.43E-03	8.59E-04	8.56E-01	2.61E-01	3.87E+00	5.97E-01
3673	Gridded	6.13E-03	8.11E-04	6.10E-03	8.08E-04	6.50E-03	8.58E-04	6.50E-03	8.58E-04	6.28E-04	8.32E-05	6.11E-03	8.09E-04	7.94E-03	1.06E-03	7.94E-03	1.06E-03	6.13E-03	8.11E-04	6.50E-03	8.58E-04	6.17E-03	8.17E-04	6.12E-03	8.10E-04	6.15E-03	8.14E-04	6.13E-03	8.12E-04	7.56E-01	2.29E-01	3.73E+00	6.24E-01
3674	Gridded	7.71E-03	8.68E-04	7.68E-03	8.63E-04	8.28E-03	9.38E-04	8.28E-03	9.38E-04	6.41E-04	7.07E-05	7.68E-03	8.64E-04	1.01E-02	1.16E-03	1.01E-02	1.16E-03	7.71E-03	8.68E-04	8.28E-03	9.38E-04	7.78E-03	8.76E-04	7.70E-03	8.66E-04	7.75E-03	8.72E-04	7.72E-03	8.69E-04	7.95E-01	1.69E-01	4.51E+00	6.17E-01
3675	Gridded	8.46E-03	8.05E-04	8.43E-03	8.01E-04	9.02E-03	8.66E-04	9.02E-03	8.66E-04	6.22E-04	7.42E-05	8.43E-03	8.02E-04	1.12E-02	1.06E-03	1.12E-02	1.06E-03	8.46E-03	8.06E-04	9.02E-03	8.66E-04	8.52E-03	8.13E-04	8.45E-03	8.04E-04	8.49E-03	8.09E-04	8.47E-03	8.06E-04	7.03E-01	1.89E-01	5.01E+00	5.93E-01
3676	Gridded	1.03E-02	8.75E-04	1.03E-02	8.70E-04	1.09E-02	9.55E-04	1.09E-02	9.55E-04	6.20E-04	7.50E-05	1.03E-02	8.71E-04	1.27E-02	1.21E-03	1.27E-02	1.21E-03	1.03E-02	8.76E-04	1.09E-02	9.55E-04	1.04E-02	8.85E-04	1.03E-02	8.74E-04	1.03E-02	8.80E-04	1.03E-02	8.76E-04	5.88E-01	1.26E-01	6.06E+00	5.39E-01
3677	Gridded	1.07E-02	9.52E-04	1.06E-02	9.47E-04	1.11E-02	1.02E-03	1.11E-02	1.02E-03	4.77E-04	6.88E-05	1.06E-02	9.47E-04	1.26E-02	1.26E-03	1.26E-02	1.26E-03	1.07E-02	9.52E-04	1.11E-02	1.02E-03	1.07E-02	9.61E-04	1.06E-02	9.50E-04	1.07E-02	9.56E-04	1.07E-02	9.52E-04	5.69E-01	8.91E-02	6.20E+00	5.87E-01
3678	Gridded	1.00E-02	9.37E-04	9.97E-03	9.33E-04	1.07E-02	9.98E-04	1.07E-02	9.98E-04	6.06E-04	7.09E-05	9.98E-03	9.34E-04	1.28E-02	1.19E-03	1.28E-02	1.19E-03	1.00E-02	9.37E-04	1.07E-02	9.98E-04	1.01E-02	9.45E-04	1.00E-02	9.36E-04	1.01E-02	9.41E-04	1.00E-02	9.38E-04	8.04E-01	1.11E-01	5.90E+00	5.83E-01
3679	Gridded	1.16E-02	9.08E-04	1.15E-02	9.04E-04	1.23E-02	9.72E-04	1.23E-02	9.72E-04	7.09E-04	8.39E-05	1.15E-02	9.05E-04	1.48E-02	1.24E-03	1.48E-02	1.24E-03	1.16E-02	9.09E-04	1.23E-02	9.72E-04	1.17E-02	9.16E-04	1.16E-02	9.07E-04	1.16E-02	9.12E-04	1.16E-02	9.09E-04	1.05E+00	1.43E-01	6.77E+00	6.16E-01
3680	Gridded	1.19E-02	1.06E-03	1.19E-02	1.05E-03	1.27E-02	1.15E-03	1.27E-02	1.15E-03	7.49E-04	8.83E-05	1.19E-02	1.05E-03	1.53E-02	1.46E-03	1.53E-02	1.46E-03	1.19E-02	1.06E-03	1.27E-02	1.15E-03	1.20E-02	1.07E-03	1.19E-02	1.06E-03	1.20E-02	1.06E-03	1.19E-02	1.06E-03	1.10E+00	1.56E-01	6.92E+00	6.27E-01
3681	Gridded	1.12E-02	1.17E-03	1.12E-02	1.17E-03	1.20E-02	1.26E-03	1.20E-02	1.26E-03	7.24E-04	8.58E-05	1.12E-02	1.17E-03	1.45E-02	1.56E-03	1.45E-02	1.56E-03	1.12E-02	1.17E-03	1.20E-02	1.26E-03	1.13E-02	1.19E-03	1.12E-02	1.17E-03	1.12E-02	1.18E-03	1.12E-02	1.17E-03	9.58E-01	1.58E-01	6.48E+00	6.99E-01
3682	Gridded	9.80E-03	1.19E-03	9.76E-03	1.18E-03	1.05E-02	1.27E-03	1.05E-02	1.27E-03	6.50E-04	7.92E-05	9.77E-03	1.18E-03	1.27E-02	1.54E-03	1.27E-02	1.54E-03	9.81E-03	1.19E-03	1.05E-02	1.27E-03	9.89E-03	1.20E-03	9.79E-03	1.18E-03	9.85E-03	1.19E-03	9.81E-03	1.19E-03	8.12E-01	1.47E-01	5.65E+00	7.13E-01

Scenario 2 Results

3683	Gridded	8.01E-03	1.12E-03	7.97E-03	1.12E-03	8.59E-03	1.20E-03	8.59E-03	1.20E-03	5.49E-04	7.20E-05	7.97E-03	1.12E-03	1.05E-02	1.45E-03	1.05E-02	1.45E-03	8.01E-03	1.12E-03	8.59E-03	1.20E-03	8.08E-03	1.13E-03	7.99E-03	1.12E-03	8.04E-03	1.13E-03	8.01E-03	1.12E-03	9.69E-01	1.27E-01	4.60E+00	6.81E-01
3684	Gridded	7.82E-03	1.06E-03	7.79E-03	1.05E-03	8.30E-03	1.13E-03	8.30E-03	1.13E-03	4.49E-04	7.09E-05	7.80E-03	1.05E-03	9.85E-03	1.38E-03	9.85E-03	1.38E-03	7.83E-03	1.06E-03	8.30E-03	1.13E-03	7.88E-03	1.07E-03	7.81E-03	1.05E-03	7.85E-03	1.06E-03	7.83E-03	1.06E-03	1.02E+00	1.09E-01	4.54E+00	6.23E-01
3685	Gridded	6.72E-03	1.40E-03	6.69E-03	1.39E-03	7.21E-03	1.47E-03	7.21E-03	1.47E-03	7.21E-04	1.12E-04	6.70E-03	1.39E-03	8.79E-03	1.71E-03	8.79E-03	1.71E-03	6.72E-03	1.40E-03	7.21E-03	1.47E-03	6.78E-03	1.41E-03	6.71E-03	1.40E-03	6.75E-03	1.40E-03	6.73E-03	1.40E-03	6.20E-01	1.19E-01	3.92E+00	8.87E-01
3686	Gridded	6.90E-03	1.37E-03	6.87E-03	1.37E-03	7.31E-03	1.45E-03	7.31E-03	1.45E-03	7.72E-04	1.32E-04	6.88E-03	1.37E-03	9.00E-03	1.79E-03	9.00E-03	1.79E-03	6.90E-03	1.37E-03	7.31E-03	1.45E-03	6.95E-03	1.38E-03	6.89E-03	1.37E-03	6.93E-03	1.38E-03	6.91E-03	1.37E-03	6.30E-01	1.20E-01	3.99E+00	8.20E-01
3687	Gridded	6.94E-03	1.42E-03	6.91E-03	1.41E-03	7.38E-03	1.54E-03	7.38E-03	1.54E-03	6.65E-04	1.43E-04	6.91E-03	1.41E-03	8.99E-03	1.93E-03	8.99E-03	1.93E-03	6.94E-03	1.42E-03	7.38E-03	1.54E-03	6.99E-03	1.43E-03	6.93E-03	1.42E-03	6.96E-03	1.43E-03	6.94E-03	1.42E-03	6.66E-01	1.20E-01	4.03E+00	8.67E-01
3688	Gridded	7.11E-03	1.54E-03	7.08E-03	1.53E-03	7.61E-03	1.68E-03	7.61E-03	1.68E-03	8.24E-04	1.57E-04	7.09E-03	1.54E-03	9.47E-03	2.18E-03	9.47E-03	2.18E-03	7.12E-03	1.54E-03	7.61E-03	1.68E-03	7.18E-03	1.56E-03	7.10E-03	1.54E-03	7.14E-03	1.55E-03	7.12E-03	1.54E-03	6.61E-01	1.98E-01	4.16E+00	9.50E-01
3689	Gridded	7.50E-03	1.76E-03	7.46E-03	1.74E-03	8.03E-03	1.93E-03	8.03E-03	1.93E-03	8.43E-04	1.90E-04	7.47E-03	1.75E-03	9.76E-03	2.49E-03	9.76E-03	2.49E-03	7.50E-03	1.76E-03	8.03E-03	1.93E-03	7.56E-03	1.78E-03	7.48E-03	1.75E-03	7.53E-03	1.77E-03	7.50E-03	1.76E-03	7.23E-01	2.76E-01	4.34E+00	1.13E+00
3690	Gridded	7.44E-03	2.05E-03	7.40E-03	2.04E-03	8.02E-03	2.20E-03	8.02E-03	2.20E-03	1.04E-03	2.24E-04	7.41E-03	2.04E-03	9.92E-03	2.68E-03	9.92E-03	2.68E-03	7.44E-03	2.05E-03	8.02E-03	2.20E-03	7.51E-03	2.07E-03	7.43E-03	2.04E-03	7.47E-03	2.06E-03	7.44E-03	2.05E-03	7.59E-01	3.04E-01	4.36E+00	1.26E+00
3691	Gridded	7.18E-03	2.05E-03	7.16E-03	2.04E-03	7.70E-03	2.15E-03	7.70E-03	2.15E-03	8.46E-04	2.09E-04	7.16E-03	2.04E-03	9.66E-03	2.87E-03	9.66E-03	2.87E-03	7.19E-03	2.05E-03	7.70E-03	2.15E-03	7.23E-03	2.06E-03	7.18E-03	2.04E-03	7.21E-03	2.05E-03	7.19E-03	2.05E-03	7.69E-01	2.54E-01	4.26E+00	1.30E+00
3692	Gridded	7.55E-03	2.03E-03	7.52E-03	2.02E-03	8.05E-03	2.18E-03	8.05E-03	2.18E-03	9.36E-04	1.47E-04	7.52E-03	2.02E-03	9.69E-03	2.69E-03	9.69E-03	2.69E-03	7.55E-03	2.03E-03	8.05E-03	2.18E-03	7.61E-03	2.05E-03	7.54E-03	2.02E-03	7.58E-03	2.04E-03	7.56E-03	2.03E-03	7.35E-01	2.08E-01	4.45E+00	1.28E+00
3693	Gridded	7.69E-03	1.78E-03	7.66E-03	1.77E-03	8.10E-03	1.86E-03	8.10E-03	1.86E-03	6.30E-04	1.03E-04	7.66E-03	1.77E-03	9.44E-03	2.11E-03	9.44E-03	2.11E-03	7.69E-03	1.78E-03	8.10E-03	1.86E-03	7.74E-03	1.79E-03	7.68E-03	1.78E-03	7.71E-03	1.78E-03	7.69E-03	1.78E-03	7.10E-01	1.58E-01	4.34E+00	1.06E+00
3694	Gridded	8.11E-03	1.47E-03	8.09E-03	1.47E-03	8.42E-03	1.52E-03	8.42E-03	1.52E-03	7.49E-04	1.35E-04	8.10E-03	1.47E-03	9.42E-03	1.81E-03	9.42E-03	1.81E-03	8.11E-03	1.47E-03	8.42E-03	1.52E-03	8.15E-03	1.48E-03	8.11E-03	1.47E-03	8.13E-03	1.47E-03	8.12E-03	1.47E-03	7.47E-01	1.44E-01	4.50E+00	8.87E-01
3695	Gridded	7.79E-03	1.49E-03	7.77E-03	1.49E-03	7.99E-03	1.60E-03	7.99E-03	1.60E-03	7.02E-04	1.58E-04	7.78E-03	1.49E-03	8.87E-03	2.01E-03	8.87E-03	2.01E-03	7.79E-03	1.49E-03	7.99E-03	1.60E-03	7.81E-03	1.51E-03	7.78E-03	1.49E-03	7.80E-03	1.50E-03	7.79E-03	1.50E-03	8.25E-01	1.93E-01	4.26E+00	9.67E-01
3696	Gridded	7.09E-03	1.63E-03	7.06E-03	1.62E-03	7.57E-03	1.74E-03	7.57E-03	1.74E-03	6.59E-04	1.37E-04	7.06E-03	1.62E-03	9.14E-03	2.09E-03	9.14E-03	2.09E-03	7.09E-03	1.63E-03	7.57E-03	1.74E-03	7.15E-03	1.64E-03	7.08E-03	1.62E-03	7.12E-03	1.63E-03	7.10E-03	1.63E-03	8.14E-01	2.15E-01	4.28E+00	1.08E+00
3697	Gridded	6.85E-03	1.58E-03	6.82E-03	1.58E-03	7.41E-03	1.68E-03	7.41E-03	1.68E-03	7.01E-04	1.14E-04	6.82E-03	1.58E-03	9.57E-03	2.02E-03	9.57E-03	2.02E-03	6.85E-03	1.58E-03	7.41E-03	1.68E-03	6.90E-03	1.59E-03	6.84E-03	1.58E-03	6.87E-03	1.59E-03	6.85E-03	1.58E-03	7.18E-01	1.89E-01	4.20E+00	9.95E-01
3698	Gridded	8.92E-03	1.53E-03	8.88E-03	1.52E-03	9.61E-03	1.60E-03	9.61E-03	1.60E-03	6.43E-04	1.11E-04	8.89E-03	1.52E-03	1.18E-02	1.88E-03	1.18E-02	1.88E-03	8.93E-03	1.53E-03	9.61E-03	1.60E-03	9.01E-03	1.54E-03	8.91E-03	1.53E-03	8.96E-03	1.53E-03	8.93E-03	1.53E-03	8.03E-01	1.54E-01	5.34E+00	9.52E-01
3699	Gridded	9.89E-03	1.48E-03	9.85E-03	1.47E-03	1.05E-02	1.56E-03	1.05E-02	1.56E-03	6.67E-04	1.12E-04	9.86E-03	1.48E-03	1.24E-02	1.84E-03	1.24E-02	1.84E-03	9.89E-03	1.48E-03	1.05E-02	1.56E-03	9.96E-03	1.49E-03	9.88E-03	1.48E-03	9.92E-03	1.49E-03	9.90E-03	1.48E-03	7.50E-01	1.67E-01	5.85E+00	9.50E-01
3700	Gridded	9.17E-03	1.31E-03	9.14E-03	1.31E-03	9.60E-03	1.37E-03	9.60E-03	1.37E-03	5.92E-04	8.47E-05	9.14E-03	1.31E-03	1.10E-02	1.55E-03	1.10E-02	1.55E-03	9.17E-03	1.31E-03	9.60E-03	1.37E-03	9.22E-03	1.32E-03	9.16E-03	1.31E-03	9.19E-03	1.31E-03	9.17E-03	1.31E-03	7.68E-01	2.44E-01	5.40E+00	8.26E-01
3701	Gridded	7.00E-03	1.10E-03	6.98E-03	1.09E-03	7.26E-03	1.16E-03	7.26E-03	1.16E-03	5.62E-04	6.81E-05	6.98E-03	1.09E-03	8.31E-03	1.36E-03	8.31E-03	1.36E-03	7.00E-03	1.10E-03	7.26E-03	1.16E-03	7.03E-03	1.10E-03	6.99E-03	1.09E-03	7.01E-03	1.10E-03	7.00E-03	1.10E-03	7.71E-01	2.68E-01	4.14E+00	8.14E-01
3702	Gridded	6.29E-03	9.14E-04	6.27E-03	9.11E-04	6.62E-03	9.63E-04	6.62E-03	9.63E-04	4.85E-04	9.32E-05	6.28E-03	9.11E-04	8.10E-03	1.18E-03	8.10E-03	1.18E-03	6.30E-03	9.14E-04	6.62E-03	9.63E-04	6.33E-03	9.20E-04	6.29E-03	9.13E-04	6.31E-03	9.17E-04	6.30E-03	9.15E-04	7.68E-01	2.88E-01	3.73E+00	7.10E-01
3703	Gridded	6.39E-03	9.46E-04	6.37E-03	9.42E-04	6.74E-03	9.98E-04	6.74E-03	9.98E-04	4.99E-04	8.99E-05	6.38E-03	9.43E-04	7.86E-03	1.22E-03	7.86E-03	1.22E-03	6.40E-03	9.46E-04	6.74E-03	9.98E-04	6.44E-03	9.52E-04	6.39E-03	9.45E-04	6.41E-03	9.49E-04	6.40E-03	9.47E-04	8.36E-01	2.46E-01	3.83E+00	6.49E-01
3704	Gridded	6.17E-03	9.38E-04	6.15E-03	9.35E-04	6.56E-03	9.87E-04	6.56E-03	9.87E-04	5.67E-04	8.72E-05	6.15E-03	9.35E-04	8.19E-03	1.15E-03	8.19E-03	1.15E-03	6.18E-03	9.38E-04	6.56E-03	9.87E-04	6.22E-03	9.44E-04	6.17E-03	9.37E-04	6.20E-03	9.41E-04	6.18E-03	9.39E-04	6.91E-01	2.41E-01	3.73E+00	7.26E-01
3705	Gridded	7.98E-03	9.27E-04	7.95E-03	9.22E-04	8.57E-03	1.00E-03	8.57E-03	1.00E-03	6.63E-04	7.44E-05	7.95E-03	9.23E-04	1.05E-02	1.25E-03	1.05E-02	1.25E-03	7.99E-03	9.27E-04	8.57E-03	1.00E-03	8.06E-03	9.36E-04	7.97E-03	9.25E-04	8.02E-03	9.31E-04	7.99E-03	9.28E-04	7.78E-01	1.39E-01	4.66E+00	6.50E-01
3706	Gridded	9.05E-03	8.90E-04	9.01E-03	8.86E-04	9.61E-03	9.53E-04	9.61E-03	9.53E-04	6.69E-04	6.96E-05	9.02E-03	8.87E-04	1.14E-02	1.18E-03	1.14E-02	1.18E-03	9.05E-03	8.90E-04	9.61E-03	9.53E-04	9.12E-03	8.97E-04	9.03E-03	8.89E-04	9.08E-03	8.93E-04	9.05E-03	8.91E-04	6.60E-01	1.86E-01	5.22E+00	6.26E-01
3707	Gridded	1.05E-02	8.44E-04	1.05E-02	8.41E-04	1.12E-02	9.21E-04	1.12E-02	9.21E-04	6.15E-04	7.38E-05	1.05E-02	8.42E-04	1.32E-02	1.18E-03	1.32E-02	1.18E-03	1.05E-02	8.45E-04	1.12E-02	9.21E-04	1.06E-02	8.52E-04	1.05E-02	8.43E-04	1.06E-02	8.47E-04	1.05E-02	8.45E-04	5.92E-01	1.44E-01	6.19E+00	6.10E-01
3708	Gridded	1.13E-02	9.51E-04	1.13E-02	9.46E-04	1.18E-02	1.03E-03	1.18E-02	1.03E-03	5.40E-04	7.12E-05	1.13E-02	9.47E-04	1.36E-02	1.27E-03	1.36E-02	1.27E-03	1.13E-02	9.51E-04	1.18E-02	1.03E-03	1.14E-02	9.60E-04	1.13E-02	9.49E-04	1.13E-02	9.55E-04	1.13E-02	9.52E-04	5.91E-01	9.33E-02	6.58E+00	5.77E-01
3709	Gridded	1.07E-02	9.88E-04	1.07E-02	9.84E-04	1.12E-02	1.06E-03	1.12E-02	1.06E-03	5.57E-04	6.44E-05	1.07E-02	9.85E-04	1.26E-02	1.27E-03	1.26E-02	1.27E-03	1.07E-02	9.89E-04	1.12E-02	1.06E-03	1.08E-02	9.97E-04	1.07E-02	9.87E-04	1.08E-02	9.92E-04	1.07E-02	9.89E-04	5.78E-01	9.10E-02	6.22E+00	6.01E-01
3710	Gridded	1.15E-02	9.34E-04	1.15E-02	9.30E-04	1.23E-02	9.88E-04	1.23E-02	9.88E-04	6.77E-04	7.99E-05	1.15E-02	9.31E-04	1.46E-02	1.19E-03	1.46E-02	1.19E-03	1.15E-02	9.34E-04	1.23E-02	9.88E-04	1.16E-02	9.40E-04	1.15E-02	9.33E-04	1.16E-02	9.37E-04	1.15E-02	9.34E-04	8.54E-01	1.19E-01	6.74E+00	5.73E-01
3711	Gridded	1.25E-02	9.73E-04	1.25E-02	9.68E-04	1.33E-02	1.04E-03	1.33E-02	1.04E-03	7.45E-04	8.67E-05	1.25E-02	9.69E-04	1.59E-02	1.26E-03	1.59E-02	1.26E-03	1.25E-02	9.73E-04	1.33E-02	1.04E-03	1.26E-02	9.81E-04	1.25E-02	9.71E-04	1.26E-02	9.76E-04	1.25E-02	9.73E-04	1.02E+00	1.40E-01	7.28E+00	6.60E-01
3712	Gridded	1.25E-02	1.06E-03	1.24E-02	1.05E-03	1.33E-02	1.14E-03	1.33E-02	1.14E-03	7.56E-04	8.04E-05	1.24E-02	1.05E-03	1.59E-02	1.42E-03	1.59E-02	1.42E-03	1.25E-02	1.06E-03	1.33E-02	1.14E-03	1.26E-02	1.07E-03	1.24E-02	1.05E-03	1.25E-02	1.06E-03	1.25E-02	1.06E-03	1.03E+00	1.50E-01	7.20E+00	6.61E-01
3713	Gridded	1.14E-02	1.13E-03	1.14E-02	1.12E-03	1.22E-02	1.21E-03	1.22E-02	1.21E-03	7.17E-04	7.75E-05	1.14E-02	1.12E-03	1.47E-02	1.48E-03	1.47E-02	1.48E-03	1.14E-02	1.13E-03	1.22E-02	1.21E-03	1.15E-02	1.14E-03	1.14E-02	1.13E-03	1.15E-02	1.13E-03	1.14E-02	1.13E-03	8.94E-01	1.49E-01	6.58E+00	6.70E-01
3714	Gridded	9.86E-03	1.12E-03	9.82E-03	1.11E-03	1.05E-02	1.20E-03	1.05E-02	1.20E-03	6.42E-04	7.29E-05	9.83E-03	1.12E-03	1.28E-02	1.45E-03	1.28E-02	1.45E-03	9.87E-03	1.12E-03	1.05E-02	1.20E-03	9.95E-03	1.13E-03	9.85E-03	1.12E-03	9.91E-03	1.12E-03	9.87E-03	1.12E-03	8.06E-01	1.37E-01	5.67E+00	6.73E-01
3715	Gridded	8.11E-03	1.06E-03	8.07E-03	1.06E-03	8.70E-03	1.13E-03	8.70E-03	1.13E-03	5.49E-04	6.81E-05	8.08E-03	1.06E-03	1.06E-02	1.37E-03	1.06E-02	1.37E-03	8.11E-03	1.06E-03	8.70E-03	1.13E-03	8.19E-03	1.07E-03	8.10E-03	1.06E-03	8.15E-03	1.07E-03	8.12E-03	1.06E-03	9.39E-01	1.18E-01	4.66E+00	6.42E-01
3716	Gridded	6.39E-03	1.26E-03	6.36E-03	1.25E-03	6.87E-03	1.33E-03	6.87E-03	1.33E-03	7.28E-04	1.22E-04	6.36E-03	1.25E-03	8.45E-03	1.68E-03	8.45E-03	1.68E-03	6.39E-03	1.26E-03	6.87E-03	1.33E-03	6.45E-03	1.26E-03	6.38E-03	1.25E-03	6.42E-03	1.26E-03	6.39E-03	1.26E-03	5.80E-01	1.14E-01	3.77E+00	7.87E-01
3717	Gridded	6.64E-03	1.34E-03	6.61E-03	1.34E-03	7.06E-03	1.46E-03	7.06E-03	1.46E-03	6.38E-04	1.35E-04	6.62E-03	1.34E-03	8.57E-03	1.85E-03	8.57E-03	1.85E-03	6.64E-03	1.35E-03	7.06E-03	1.46E-03	6.69E-03	1.36E-03	6.63E-03	1.34E-03	6.67E-03	1.35E-03	6.65E-03	1.35E-03	6.12E-01	1.08E-01	3.84E+00	8.17E-01
3718	Gridded	6.89E-03	1.48E-03	6.86E-03	1.47E-03	7.36E-03	1.62E-03	7.36E-03	1.62E-03	7.50E-04	1.48E-04	6.87E-03	1.47E-03	9.03E-03	2.08E-03	9.03E-03	2.08E-03	6.89E-03	1.48E-03	7.36E-03	1.62E-03	6.95E-03	1.49E-03	6.88E-03	1.47E-03	6.92E-03	1.48E-03	6.90E-03	1.48E-03	6.06E-01	1.73E-01	4.01E+00	9.17E-01
3719	Gridded	7.17E-03	1.68E-03	7.14E-03	1.67E-03	7.68E-03	1.84E-03	7.68E-03	1.84E-03	7.95E-04	1.69E-04	7.15E-03	1.67E-03	9.33E-03	2.37E-03	9.33E-03	2.37E-03	7.18E-03	1.68E-03	7.68E-03	1.84E-03	7.24E-03	1.70E-03	7.16E-03	1.68E-03	7.21E-03	1.69E-03	7.18E-03	1.68E-03	6.48E-01	2.43E-01	4.16E+00	1.07E+00
3720	Gridded	6.93E-03	1.96E-03	6.90E-03	1.95E-03	7.48E-03	2.10E-03	7.48E-03	2.10E-03	9.15E-04	2.04E-04	6.90E-03	1.95E-03	9.25E-03	2.58E-03	9.25E-03	2.58E-03	6.93E-03	1.96E-03	7.48E-03	2.10E-03	7.00E-03	1.98E-03	6.92E-03	1.95E-03	6.96E-03	1.97E-03	6.94E-03	1.96E-03	6.77E-01	2.77E-01	4.08E+00	1.20E+00
3721	Gridded	6.93E-03	2.03E-03	6.90E-03	2.03E-03	7.34E-03	2.15E-03	7.34E-03	2.15E-03	8.75E-04	2.08E-04	6.91E-03	2.03E-03	8.97E-03	2.84E-03	8.97E-03	2.84E-03	6.93E-03	2.04E-03	7.34E-03	2.15E-03	6.98E-03	2.05E-03	6.92E-03	2.03E-03	6.96E-03	2.04E-03	6.94E-03	2.04E-03	6.77E-01	2.51E-01	4.01E+00	1.28E+00
3722	Gridded	7.31E-03	2.11E-03	7.27E-03	2.09E-03	7.84E-03	2.28E-03	7.84E-03	2.28E-03	8.89E-04	1.68E-04	7.28E-03	2.10E-03	9.57E-03	2.86E-03	9.57E-03	2.86E-03	7.31E-03	2.11E-03	7.84E-03	2.28E-03	7.38E-03	2.13E-03	7.30E-03	2.10E-03	7.34E-03	2.12E-03	7.32E-03	2.11E-03	7.10E-01	2.10E-01	4.34E+00	1.34E+00
3723	Gridded	7.71E-03	1.95E-03	7.68E-03	1.94E-03	8.18E-03	2.06E-03	8.18E-03	2.06E-03	7.85E-04	1.11E-04	7.69E-03	1.94E-03	9.67E-03	2.40E-03	9.67E-03	2.40E-03	7.72E-03	1.95E-03	8.18E-03	2.06E-03	7.77E-03	1.96E-03	7.70E-03	1.95E-03	7.74E-03	1.96E-03	7.72E-03	1.95E-03	6.99E-01	1.56E-01	4.40E+00	1.18E+00
3724	Gridded	8.31E-03	1.54E-03	8.29E-03	1.54E-03	8.69E-03	1.60E-03	8.69E-03	1.60E-03	6.22E-04	1.12E-04	8.29E-03	1.54E-03	9.91E-03	1.79E-03	9.91E-03	1.79E-03	8.31E-03	1.54E-03	8.69E-03	1.60E-03	8.36E-03	1.55E-03	8.30E-03	1.54E-03	8.33E-03	1.54E-03	8.31E-03	1.54E-03	6.73E-01	1.30E-01	4.65E+00	9.45E-01
3725	Gridded	8.29E-03	1.40E-03	8.27E-03	1.39E-03	8.57E-03	1.50E-03	8.57E-03	1.50E-03	7.06E-04	1.46E-04	8.28E-03	1.39E-03	9.46E-03	1.87E-03	9.46E-03	1.87E-03	8.29E-03	1.40E-03	8.57E-03	1.50E-03	8.33E-03	1.41E-03	8.29E-03	1.40E-03	8.31E-03	1.41E-03	8.30E-03	1.40E-03	7.37E-01	1.55E-01	4.57E+00	8.69E-01
3726	Gridded	7.55E-03	1.57E-03	7.54E-03	1.56E-03	7.72E-03	1.70E-03	7.72E-03	1.70E-03	6.87E-04	1.53E-04	7.54E-03	1.56E-03	9.28E-03	2.13E-03	9.28E-03	2.13E-03	7.55E-03	1.57E-03	7.72E-03	1.70E-03	7.57E-03	1.58E-03	7.54E-03	1.56E-03	7.56E-03	1.57E-03	7.55E-03	1.57E-03	7.83E-01	1.94E-01	4.12E+00	1.04E+00
3727	Gridded	7.26E-03	1.72E-03	7.24E-03	1.72E-03	7.64E-03	1.82E-03	7.64E-03	1.82E-03	6.03E-04	1.24E-04	7.24E-03	1.72E-03	9.08E-03	2.16E-03	9.08E-03	2.16E-03	7.27E-03	1.72E-03	7.64E-03	1.82E-03	7.31E-03	1.73E-03	7.26E-03	1.72E-03	7.29E-03	1.73E-03	7.27E-03	1.72E-03	7.33E-01	2.06E-01	4.27E+00	1.11E+00
3728	Gridded	8.11E-03	1.62E-03	8.06E-03	1.61E-03	8.82E-03	1.71E-03	8.82E-03	1.71E-03	6.72E-04	1.14E-04	8.07E-03	1.62E-03	1.11E-02	1.99E-03	1.11E-02	1.99E-03	8.11E-03	1.62E-03	8.82E-03	1.71E-03	8.20E-03	1.63E-03	8.09E-03	1.62E-03	8.15E-03	1.63E-03	8.12E-03	1.62E-03	7.09E-01	1.67E-01	4.88E+00	1.00E+00
3729	Gridded	1.03E-02	1.59E-03	1.02E-02	1.58E-03	1.10E-02	1.69E-03	1.10E-02	1.69E-03	6.76E-04	1.18E-04	1.02E-02	1.58E-03	1.33E-02	2.04E-03	1.33E-02	2.04E-03	1.03E-02	1.59E-03	1.10E-02	1.69E-03	1.03E-02	1.60E-03	1.02E-02	1.58E-03	1.03E-02	1.59E-03	1.03E-02	1.59E-03	8.23E-01	1.54E-01	6.08E+00	1.03E+00
3730	Gridded	1.11E-02	1.59E-03	1.10E-02	1.59E-03	1.17E-02	1.68E-03	1.17E-02	1.68E-03	6.77E-04	1.19E-04	1.10E-02	1.59E-03	1.37E-02	1.95E-03	1.37E-02	1.95E-03	1.11E-02	1.59E-03	1.17E-02	1.68E-03	1.11E-02	1.60E-03	1.10E-02	1.59E-03	1.11E-02	1.60E-03	1.11E-02	1.59E-03	7.47E-01	1.84E-01	6.50E+00	9.99E-01
3731	Gridded	1.00E-02	1.37E-03	9.98E-03	1.37E-03	1.05E-02	1.43E-03	1.05E-02	1.43E-03	6.04E-04	9.35E-05	9.99E-03	1.37E-03	1.20E-02	1.62E-03	1.20E-02	1.62E-03	1.00E-02	1.37E-03	1.05E-02	1.43E-03	1.01E-02	1.38E-03	1.00E-02	1.37E-03	1.00E-02	1.38E-03	1.00E-02	1.37E-03	7.66E-01	2.51E-01	5.87E+00	8.66E-01
3732	Gridded	7.56E-03	1.21E-03	7.54E-03	1.20E-03	7.85E-03	1.29E-03	7.85E-03	1.29E-03	5.85E-04	7.69E-05	7.54E-03	1.20E-03	8.79E-03	1.56E-03	8.79E-03	1.56E-03	7.56E-03	1.21E-03	7.85E-03	1.29E-03	7.60E-03	1.22E-03	7.55E-03	1.21E-03	7.58E-03	1.21E-03	7.56E-03	1.21E-03	7.80E-01	2.68E-01	4.46E+00	9.18E-01
3733	Gridded	6.41E-03	9.99E-04	6.38E-03	9.96E-04	6.85E-03	1.05E-03	6.85E-03	1.05E-03	4.87E-04	9.86E-05	6.38E-03	9.97E-04	8.30E-03	1.25E-03	8.30E-03	1.25E-03	6.41E-03	1.00E-03	6.85E-03	1.05E-03	6.46E-03	1.01E-03	6.40E-03	9.98E-04	6.43E-03	1.00E-03	6.41E-03	1.00E-03	7.53E-01	2.84E-01	3.72E+00	8.04E-01
3734	Gridded	6.76E-03	1.00E-03	6.73E-03	1.00E-03	7.16E-03	1.06E-03	7.16E-03	1.06E-03	4.78E-04	9.19E-05	6.74E-03	1.00E-03	8.46E-03	1.35E-03	8.46E-03	1.35E-03	6.76E-03	1.00E-03	7.16E-03	1.06E-03	6.81E-03	1.01E-03	6.75E-03	1.00E-03	6.78E-03	1.01E-03	6.77E-03	1.01E-03	7.94E-01	2.29E-01	3.87E+00	6.88E-01
3735	Gridded	6.80E-03	1.10E-03	6.77E-03	1.09E-03	7.21E-03	1.16E-03	7.21E-03	1.16E-03	5.47E-04	9.13E-05	6.77E-03	1.09E-03	8.54E-03	1.35E-03	8.54E-03	1.35E-03	6.80E-03	1.10E-03	7.21E-03	1.16E-03	6.85E-03	1.10E-03	6.79E-03	1.09E-03	6.82E-03	1.10E-03	6.80E-03	1.10E-03	7.19E-01	2.47E-01	3.93E+00	8.23E-01
3736	Gridded	8.06E-03	9.72E-04	8.02E-03	9.67E-04	8.65E-03	1.05E-03	8.65E-03	1.05E-03	6.57E-04	7.73E-05	8.03E-03	9.68E-04	1.06E-02	1.31E-03	1.06E-02	1.31E-03	8.07E-03	9.72E-04	8.65E-03	1.05E-03	8.14E-03	9.82E-04	8.05E-03	9.70E-04	8.10E-03	9.77E-04	8.07E-03	9.73E-04	7.18E-01	1.56E-01	4.70E+00	6.77E-01
3737	Gridded	9.38E-03	9.52E-04	9.34E-03	9.48E-04	9.97E-03	1.01E-03	9.97E-03	1.01E-03	6.90E-04	7.22E-05	9.34E-03	9.49E-04	1.19E-02	1.24E-03	1.19E-02	1.24E-03	9.38E-03	9.52E-04	9.97E-03	1.01E-03	9.45E-03	9.60E-04	9.36E-03	9.51E-04	9.41E-03	9.56E-04	9.38E-03	9.53E-04	6.82E-01	1.76E-01	5.41E+00	6.33E-01
3738	Gridded	1.04E-02	9.23E-04	1.04E-02	9.19E-04	1.11E-02	9.83E-04	1.11E-02	9.83E-04	6.46E-04	6.93E-05	1.04E-02	9.20E-04	1.33E-02	1.18E-03	1.33E-02	1.18E-03	1.04E-02	9.23E-04	1.11E-02	9.83E-04	1.05E-02	9.30E-04	1.04E-02	9.22E-04	1.04E-02	9.26E-04	1.04E-02	9.24E-04	6.12E-01	1.59E-01	6.13E+00	6.52E-01
3739	Gridded	1.16E-02	9.19E-04	1.16E-02	9.14E-04	1.22E-02	9.92E-04	1.22E-02	9.92E-04	5.62E-04	6.92E-05	1.16E-02	9.14E-04	1.42E-02	1.23E-03	1.42E-02	1.23E-03	1.16E-02	9.19E-04	1.22E-02	9.92E-04	1.17E-02	9.28E-04	1.16E-02	9.17E-04	1.17E-02	9.23E-04	1.16E-02	9.19E-04	5.50E-01	1.07E-01	6.79E+00	5.51E-01
3740	Gridded	1.16E-02	9.82E-04	1.15E-02	9.78E-04	1.21E-02	1.05E-03	1.21E-02	1.05E-03	5.72E-04	6.42E-05	1.15E-02	9.79E-04	1.37E-02	1.27E-03	1.37E-02	1.27E-03	1.16E-02	9.83E-04	1.21E-02	1.05E-03	1.16E-02	9.91E-04	1.16E-02	9.81E-04	1.16E-02	9.87E-04	1.16E-02	9.83E-04	5.99E-01	8.72E-02	6.71E+00	5.89E-01
3741	Gridded	1.11E-02	9.64E-04	1.10E-02	9.60E-04	1.17E-02	1.02E-03	1.17E-02	1.02E-03	6.15E-04	6.93E-05	1.10E-02	9.61E-04	1.39E-02	1.21E-03	1.39E-02	1.21E-03	1.11E-02	9.64E-04	1.17E-02	1.02E-03	1.12E-02	9.71E-04	1.11E-02	9.62E-04	1.11E-02	9.67E-04	1.11E-02	9.64E-04	6.45E-01	9.29E-02	6.47E+00	5.82E-01
3742	Gridded	1.26E-02	9.94E-04	1.25E-02	9.89E-04	1.33E-02	1.07E-03	1.33E-02	1.07E-03	7.07E-04	8.57E-05	1.25E-02	9.90E-04	1.58E-02	1.31E-03	1.58E-02	1.31E-03	1.26E-02	9.95E-04	1.33E-02	1.07E-03	1.27E-02	1.00E-03	1.25E-02	9.93E-04	1.26E-02	9.99E-04	1.26E-02	9.95E-04	8.80E-01	1.21E-01	7.29E+00	6.47E-01
3743	Gridded	1.30E-02	1.05E-03	1.29E-02	1.05E-03	1.38E-02	1.12E-03	1.38E-02	1.12E-03	7.53E-04	8.71E-05	1.30E-02	1.05E-03	1.64E-02	1.34E-03	1.64E-02	1.34E-03	1.30E-02	1.05E-03	1.38E-02	1.12E-03	1.31E-02	1.06E-03	1.30E-02	1.05E-03	1.30E-02	1.05E-03	1.30E-02	1.05E-03	1.00E+00	1.37E-01	7.51E+00	7.06E-01
3744	Gridded	1.25E-02	1.02E-03	1.25E-02	1.01E-03	1.33E-02	1.10E-03	1.33E-02	1.10E-03	7.52E-04	7.69E-05	1.25E-02	1.01E-03	1.59E-02	1.35E-03	1.59E-02	1.35E-03	1.25E-02	1.02E-03	1.33E-02	1.10E-03	1.26E-02	1.03E-03	1.25E-02	1.02E-03	1.26E-02	1.02E-03	1.25E-02	1.02E-03	9.64E-01	1.42E-01	7.21E+00	6.81E-01
3745	Gridded	1.14E-02	1.07E-03	1.13E-02	1.06E-03	1.21E-02	1.15E-03	1.21E-02	1.15E-03	7.11E-04	7.23E-05	1.13E-02	1.06E-03	1.46E-02	1.39E-03	1.46E-02	1.39E-03	1.14E-02	1.07E-03	1.21E-02	1.15E-03	1.15E-02	1.08E-03	1.14E-02	1.07E-03	1.14E-02	1.07E-03	1.14E-02	1.07E-03	8.03E-01	1.39E-01	6.55E+00	6.35E-01
3746	Gridded	9.93E-03	1.07E-03	9.88E-03	1.06E-03	1.06E-02	1.14E-03	1.06E-02	1.14E-03	6.39E-04	6.86E-05	9.89E-03	1.06E-03	1.28E-02	1.38E-03	1.28E-02	1.38E-03	9.93E-03	1.07E-03	1.06E-02	1.14E-03	1.00E-02	1.08E-03	9.91E-03	1.06E-03	9.97E-03	1.07E-03	9.94E-03	1.07E-03	7.86E-01	1.27E-01	5.70E+00	6.37E-01
3747	Gridded	3.38E-03	3.53E-04	3.38E-03	3.53E-04	3.43E-03	3.58E-04	3.43E-03	3.58E-04	7.69E-04	6.39E-05	3.38E-03	3.53E-04	3.90E-03	4.75E-04	3.90E-03	4.75E-04	3.38E-03	3.53E-04	3.43E-03	3.58E-04	3.39E-03	3.54E-04	3.38E-03	3.53E-04	3.39E-03	3.54E-04	3.38E-03	3.53E-04	1.15E+00	2.35E-01	1.96E+00	2.32E-01
3748	Gridded	3.38E-03	3.53E-04	3.38E-03	3.53E-04	3.43E-03	3.58E-04	3.43E-03	3.58E-04	7.69E-04	6.39E-05	3.38E-03	3.53E-04	3.90E-03	4.75E-04	3.90E-03	4.75E-04	3.38E-03	3.53E-04	3.43E-03	3.58E-04	3.39E-03	3.54E-04	3.38E-03	3.53E-04	3.39E-03	3.54E-04	3.38E-03	3.53E-04	1.15E+00	2.35E-01	1.96E+00	2.32E-01
3749	Gridded	8.07E-03	5.27E-04	8.06E-03	5.26E-04	8.20E-03	5.43E-04	8.20E-03	5.43E-04	4.50E-04	6.39E-05	8.07E-03	5.26E-04	8.60E-03	6.88E-04	8.60E-03	6.88E-04	8.07E-03	5.27E-04	8.20E-03	5.43E-04	8.09E-03	5.29E-04	8.07E-03	5.27E-04	8.08E-03	5.28E-04	8.07E-03	5.27E-04	8.59E-01	1.87E-01	4.39E+00	3.46E-01
3750	Gridded	6.58E-03	6.51E-04	6.55E-03	6.45E-04	6.98E-03	7.44E-04	6.98E-03	7.44E-04	5.74E-04	8.69E-05	6.56E-03	6.46E-04	8.28E-03	1.04E-03	8.28E-03	1.04E-03	6.58E-03	6.51E-04	6.98E-03	7.44E-04	6.63E-03	6.63E-04	6.57E-03	6.49E-04	6.60E-03	6.57E-04	6.58E-03	6.52E-04	7.32E-01	1.08E-01	3.86E+00	3.64E-01
3751	Gridded	6.31E-03	7.48E-04	6.28E-03	7.44E-04	6.68E-03	8.21E-04	6.68E-03	8.21E-04	5.85E-04	7.55E-05	6.29E-03	7.44E-04	7.90E-03	1.06E-03	7.90E-03	1.06E-03	6.31E-03	7.49E-04	6.68E-03	8.21E-04	6.35E-03	7.57E-04	6.30E-03	7.47E-04	6.33E-03	7.53E-04	6.31E-03	7.49E-04	7.95E-01	1.29E-01	3.72E+00	4.23E-01
3752	Gridded	5.27E-03	5.65E-04	5.24E-03	5.61E-04	5.59E-03	6.16E-04	5.59E-03	6.16E-04	6.11E-04	7.47E-05	5.25E-03	5.62E-04	6.65E-03	7.81E-04	6.65E-03	7.81E-04	5.27E-03	5.65E-04	5.59E-03	6.16E-04	5.31E-03	5.71E-04	5.26E-03	5.64E-04	5.28E-03	5.68E-04	5.27E-03	5.65E-04	6.79E-01	1.12E-01	3.15E+00	3.19E-01
3753	Gridded	4.11E-03	4.10E-04	4.10E-03	4.08E-04	4.41E-03	4.43E-04	4.41E-03	4.43E-04	5.98E-04	6.81E-05	4.10E-03	4.08E-04	5.37E-03	6.76E-04	5.37E-03	6.76E-04	4.12E-03	4.10E-04	4.41E-03	4.43E-04	4.15E-03	4.14E-04	4.11E-03	4.09E-04	4.13E-03	4.12E-04	4.12E-03	4.11E-04	7.34E-01	9.64E-02	2.51E+00	2.30E-01
3754	Gridded	3.75E-03	3.34E-04	3.73E-03	3.32E-04	3.98E-03	3.94E-04	3.98E-03	3.94E-04	6.65E-04	7.07E-05	3.74E-03	3.33E-04	4.73E-03	5.96E-04	4.73E-03	5.96E-04	3.75E-03	3.34E-04	3.98E-03	3.94E-04	3.78E-03	3.40E-04	3.75E-03	3.33E-04	3.76E-03	3.36E-04	3.75E-03	3.34E-04	7.86E-01	7.38E-02	2.15E+00	1.85E-01
3755	Gridded	3.55E-03	3.00E-04	3.54E-03	2.97E-04	3.78E-03	3.51E-04	3.78E-03	3.51E-04	6.63E-04	7.04E-05	3.54E-03	2.97E-04	4.52E-03	5.16E-04	4.52E-03	5.16E-04	3.55E-03	3.00E-04	3.78E-03	3.51E-04	3.58E-03	3.06E-04	3.55E-03	2.99E-04	3.57E-03	3.03E-04	3.56E-03	3.01E-04	8.31E-01	6.41E-02	2.00E+00	1.73E-01
3756	Gridded	3.69E-03	3.46E-04	3.67E-03	3.44E-04	3.93E-03	3.79E-04	3.93E-03	3.79E-04	7.07E-04	7.21E-05	3.67E-03	3.44E-04	4.73E-03	4.88E-04	4.73E-03	4.88E-04	3.69E-03	3.46E-04	3.93E-03	3.79E-04	3.72E-03	3.50E-04	3.68E-03	3.45E-04	3.70E-03	3.48E-04	3.69E-03	3.46E-04	8.46E-01	6.66E-02	1.99E+00	1.89E-01
3757	Gridded	7.64E-03	9.52E-04	7.61E-03	9.50E-04	8.05E-03	1.01E-03	8.05E-03	1.01E-03	1.13E-03	1.55E-04	7.61E-03	9.50E-04	9.42E-03	1.42E-03	9.42E-03	1.42E-03	7.64E-03	9.52E-04	8.05E-03	1.01E-03	7.69E-03	9.56E-04	7.63E-03	9.51E-04	7.66E-03	9.54E-04	7.64E-03	9.52E-04	1.28E+00	1.75E-01	4.39E+00	5.51E-01
3758	Gridded	2.52E-03	3.03E-04	2.51E-03	2.99E-04	2.70E-03	3.78E-04	2.70E-03	3.78E-04	5.10E-04	7.11E-05	2.51E-03	2.99E-04	4.07E-03	6.23E-04	4.07E-03	6.23E-04	2.52E-03	3.03E-04	2.70E-03	3.78E-04	2.55E-03	3.12E-04	2.52E-03	3.01E-04	2.53E-03	3.07E-04	2.53E-03	3.03E-04	2.69E+00	1.56E-01	5.76E+00	2.94E-01

Scenario 2 Results

SO2		NO2		CO		H_2SO_4		HCl		TSP		PM_{10}		$PM_{2.5}$		Diox	
1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr
4.83E+00	7.57E-01	7.04E+01	5.06E+00	4.42E+01	3.15E+00	3.36E+01	2.40E+00	1.76E+01	1.27E+00	9.18E+00	7.17E-01	5.66E+00	4.24E-01	6.58E-01	4.68E-02	4.13E-09	2.94E-10
2.31E+01	1.19E+00	7.46E+01	8.33E+00	4.60E+01	5.01E+00	3.54E+01	3.78E+00	1.89E+01	2.39E+00	1.41E+01	1.47E+00	8.32E+00	8.39E-01	6.91E-01	7.16E-02	4.34E-09	4.51E-10
9.43E+00	1.47E+00	6.92E+01	1.18E+01	4.36E+01	7.18E+00	3.24E+01	5.37E+00	2.02E+01	3.27E+00	9.83E+00	1.82E+00	5.67E+00	1.04E+00	6.32E-01	1.04E-01	3.97E-09	6.53E-10
2.57E+01	2.17E+00	7.96E+01	1.26E+01	4.90E+01	7.70E+00	3.67E+01	5.57E+00	2.48E+01	4.26E+00	1.57E+01	2.22E+00	9.35E+00	1.16E+00	7.12E-01	1.07E-01	4.47E-09	6.74E-10
234.5	22.9	100.5										130.8	64.9	61.8	25.9		
2.39E+02	2.37E+01	1.71E+02	5.06E+00	4.42E+01	3.15E+00	3.36E+01	2.40E+00	1.76E+01	1.27E+00	9.18E+00	7.17E-01	1.36E+02	6.53E+01	6.25E+01	2.59E+01	4.13E-09	2.94E-10
2.58E+02	2.41E+01	1.75E+02	8.33E+00	4.60E+01	5.01E+00	3.54E+01	3.78E+00	1.89E+01	2.39E+00	1.41E+01	1.47E+00	1.39E+02	6.57E+01	6.25E+01	2.60E+01	4.34E-09	4.51E-10
2.44E+02	2.44E+01	1.70E+02	1.18E+01	4.36E+01	7.18E+00	3.24E+01	5.37E+00	2.02E+01	3.27E+00	9.83E+00	1.82E+00	1.36E+02	6.59E+01	6.24E+01	2.60E+01	3.97E-09	6.53E-10
2.60E+02	2.51E+01	1.80E+02	1.26E+01	4.90E+01	7.70E+00	3.67E+01	5.57E+00	2.48E+01	4.26E+00	1.57E+01	2.22E+00	1.40E+02	6.61E+01	6.25E+01	2.60E+01	4.47E-09	6.74E-10
4.83E+00	5.65E-01	4.24E+01	3.31E+00	2.64E+01	1.99E+00	1.98E+01	1.49E+00	1.14E+01	9.90E-01	6.61E+00	6.14E-01	3.91E+00	3.45E-01	3.87E-01	2.81E-02	2.40E-09	1.77E-10
3.82E+00	7.57E-01	7.04E+01	5.06E+00	4.42E+01	3.15E+00	3.36E+01	2.40E+00	1.76E+01	1.27E+00	9.18E+00	7.17E-01	5.66E+00	4.24E-01	6.58E-01	4.68E-02	4.13E-09	2.94E-10
5.17E+00	5.37E-01	3.34E+01	3.83E+00	2.11E+01	2.24E+00	1.56E+01	1.70E+00	9.70E+00	1.03E+00	4.67E+00	6.98E-01	2.73E+00	3.91E-01	3.04E-01	3.22E-02	1.91E-09	2.03E-10
5.76E+00	4.48E-01	1.20E+01	1.70E+00	7.90E+00	9.56E-01	4.90E+00	7.08E-01	6.62E+00	7.35E-01	3.89E+00	4.36E-01	2.11E+00	2.11E-01	9.30E-02	1.40E-02	5.79E-10	8.79E-11
5.56E+00	8.27E-01	1.87E+01	6.05E+00	1.15E+01	3.65E+00	8.21E+00	2.75E+00	6.36E+00	1.77E+00	3.30E+00	1.11E+00	2.03E+00	6.32E-01	1.58E-01	5.20E-02	9.91E-10	3.27E-10
6.79E+00	4.76E-01	2.38E+01	4.63E+00	1.46E+01	2.74E+00	1.10E+01	2.14E+00	6.76E+00	1.13E+00	4.08E+00	7.35E-01	2.28E+00	4.24E-01	2.14E-01	4.17E-02	1.34E-09	2.62E-10
5.93E+00	9.43E-01	4.18E+01	5.88E+00	2.61E+01	3.52E+00	2.01E+01	2.53E+00	1.47E+01	2.11E+00	6.75E+00	1.19E+00	3.81E+00	6.26E-01	3.91E-01	4.73E-02	2.46E-09	2.98E-10
8.92E+00	8.19E-01	5.32E+01	4.27E+00	3.27E+01	2.53E+00	2.48E+01	2.02E+00	1.41E+01	1.09E+00	9.13E+00	8.65E-01	4.90E+00	5.03E-01	4.79E-01	3.77E-02	3.01E-09	2.37E-10
6.63E+00	1.03E+00	4.38E+01	5.28E+00	2.71E+01	3.20E+00	2.05E+01	2.50E+00	1.29E+01	1.24E+00	7.86E+00	9.50E-01	4.23E+00	5.34E-01	3.98E-01	4.78E-02	2.50E-09	3.01E-10
4.91E+00	1.03E+00	4.81E+01	4.81E+00	2.98E+01	2.92E+00	2.36E+01	2.26E+00	1.03E+01	1.23E+00	6.26E+00	9.29E-01	4.13E+00	5.23E-01	4.62E-01	4.31E-02	2.91E-09	2.71E-10
4.42E+00	1.09E+00	6.92E+01	3.38E+00	4.31E+01	2.06E+00	3.27E+01	1.60E+00	1.70E+01	1.12E+00	9.06E+00	1.06E+00	5.48E+00	5.92E-01	6.42E-01	3.08E-02	4.04E-09	1.94E-10
7.42E+00	1.11E+00	5.39E+01	8.33E+00	3.39E+01	5.01E+00	2.46E+01	3.78E+00	1.66E+01	2.39E+00	7.21E+00	1.47E+00	4.04E+00	8.39E-01	4.82E-01	7.16E-02	3.03E-09	4.51E-10
1.08E+01	9.18E-01	3.59E+01	6.16E+00	2.24E+01	3.70E+00	1.66E+01	2.77E+00	1.08E+01	1.88E+00	9.41E+00	1.15E+00	5.15E+00	6.47E-01	3.25E-01	5.21E-02	2.04E-09	3.28E-10
1.13E+01	8.35E-01	4.31E+01	5.60E+00	2.48E+01	3.36E+00	1.86E+01	2.55E+00	1.53E+01	1.62E+00	1.06E+01	1.04E+00	5.75E+00	5.98E-01	3.29E-01	4.80E-02	2.07E-09	3.02E-10
1.09E+01	7.60E-01	3.08E+01	4.44E+00	1.71E+01	2.66E+00	1.20E+01	2.00E+00	1.42E+01	1.35E+00	9.15E+00	8.59E-01	4.61E+00	4.83E-01	2.08E-01	3.74E-02	1.31E-09	2.35E-10
1.01E+01	6.86E-01	2.42E+01	3.74E+00	1.29E+01	2.23E+00	9.21E+00	1.68E+00	1.13E+01	1.15E+00	8.13E+00	7.38E-01	4.10E+00	4.13E-01	1.75E-01	3.13E-02	1.10E-09	1.97E-10
6.66E+00	6.73E-01	1.60E+01	4.47E+00	1.00E+01	2.73E+00	7.55E+00	2.06E+00	4.98E+00	1.30E+00	5.04E+00	7.61E-01	2.61E+00	4.40E-01	1.51E-01	3.92E-02	9.51E-10	2.46E-10
4.14E+00	7.53E-01	1.95E+01	5.71E+00	1.20E+01	3.48E+00	9.57E+00	2.63E+00	6.03E+00	1.73E+00	3.46E+00	1.01E+00	2.02E+00	5.71E-01	1.91E-01	5.00E-02	1.20E-09	3.14E-10
4.50E+00	7.79E-01	1.76E+01	6.15E+00	1.08E+01	3.75E+00	7.65E+00	2.78E+00	6.05E+00	1.97E+00	3.09E+00	1.07E+00	1.72E+00	5.83E-01	1.48E-01	5.32E-02	9.31E-10	3.34E-10
5.72E+00	8.17E-01	1.81E+01	5.95E+00	1.10E+01	3.64E+00	8.10E+00	2.65E+00	5.88E+00	1.90E+00	3.48E+00	1.01E+00	2.01E+00	5.51E-01	1.55E-01	5.08E-02	9.76E-10	3.20E-10
5.48E+00	8.27E-01	1.90E+01	4.95E+00	1.17E+01	3.01E+00	8.56E+00	2.27E+00	6.00E+00	1.60E+00	3.45E+00	1.01E+00	2.02E+00	5.62E-01	1.65E-01	4.27E-02	1.04E-09	2.68E-10
4.12E+00	8.35E-01	1.98E+01	7.07E+00	1.22E+01	4.26E+00	8.34E+00	3.06E+00	8.05E+00	2.36E+00	3.55E+00	1.21E+00	1.85E+00	6.36E-01	1.58E-01	5.86E-02	9.97E-10	3.68E-10
9.14E+00	1.01E+00	2.57E+01	4.84E+00	1.63E+01	2.73E+00	1.17E+01	1.95E+00	8.26E+00	1.74E+00	5.28E+00	1.13E+00	3.25E+00	5.86E-01	2.29E-01	3.69E-02	1.44E-09	2.32E-10
2.97E+00	1.04E+00	2.06E+01	4.76E+00	1.23E+01	2.77E+00	9.22E+00	2.01E+00	6.03E+00	1.51E+00	3.70E+00	1.03E+00	2.06E+00	5.45E-01	1.75E-01	3.84E-02	1.10E-09	2.41E-10
7.61E+00	7.58E-01	3.75E+01	3.42E+00	2.23E+01	2.08E+00	1.69E+01	1.58E+00	1.08E+01	1.04E+00	7.67E+00	8.17E-01	4.34E+00	4.55E-01	3.18E-01	2.99E-02	1.98E-09	1.88E-10
5.28E+00	6.52E-01	5.68E+01	4.65E+00	3.53E+01	2.82E+00	2.62E+01	2.14E+00	1.69E+01	1.35E+00	8.80E+00	8.53E-01	5.05E+00	4.90E-01	5.05E-01	4.03E-02	3.17E-09	2.53E-10
5.76E+00	6.28E-01	6.47E+01	4.64E+00	4.01E+01	2.82E+00	3.03E+01	2.15E+00	1.72E+01	1.28E+00	9.70E+00	8.11E-01	5.76E+00	4.74E-01	5.88E-01	4.09E-02	3.69E-09	2.57E-10
5.90E+00	6.89E-01	6.36E+01	4.72E+00	3.93E+01	2.87E+00	3.01E+01	2.20E+00	1.57E+01	1.26E+00	9.26E+00	8.11E-01	5.61E+00	4.78E-01	5.85E-01	4.18E-02	3.67E-09	2.63E-10
5.55E+00	9.08E-01	5.75E+01	5.60E+00	3.58E+01	3.36E+00	2.61E+01	2.52E+00	1.84E+01	1.76E+00	9.04E+00	1.11E+00	5.05E+00	6.21E-01	5.03E-01	4.70E-02	3.16E-09	2.96E-10
1.14E+01	1.04E+00	7.11E+01	6.83E+00	4.39E+01	4.11E+00	3.32E+01	3.09E+00	1.89E+01	2.08E+00	1.06E+01	1.31E+00	6.27E+00	7.40E-01	6.43E-01	5.79E-02	4.04E-09	3.65E-10
1.17E+01	8.21E-01	7.46E+01	6.07E+00	4.60E+01	3.66E+00	3.54E+01	2.82E+00	1.74E+01	1.63E+00	1.05E+01	1.09E+00	6.44E+00	6.41E-01	6.91E-01	5.33E-02	4.34E-09	3.35E-10
9.12E+00	6.67E-01	6.55E+01	5.40E+00	4.04E+01	3.28E+00	3.12E+01	2.52E+00	1.51E+01	1.41E+00	9.24E+00	9.28E-01	5.71E+00	5.49E-01	6.08E-01	4.80E-02	3.82E-09	3.02E-10
8.70E+00	7.06E-01	5.83E+01	5.05E+00	3.59E+01	3.06E+00	2.78E+01	2.36E+00	1.30E+01	1.30E+00	8.13E+00	8.61E-01	5.06E+00	5.11E-01	5.44E-01	4.49E-02	3.41E-09	2.82E-10
8.23E+00	7.21E-01	5.62E+01	4.87E+00	3.47E+01	2.95E+00	2.69E+01	2.28E+00	1.25E+01	1.25E+00	7.84E+00	8.29E-01	4.88E+00	4.93E-01	5.25E-01	4.33E-02	3.29E-09	2.73E-10
6.30E+00	6.83E-01	6.53E+01	4.85E+00	4.03E+01	2.95E+00	3.08E+01	2.26E+00	1.60E+01	1.30E+00	9.49E+00	8.35E-01	5.75E+00	4.91E-01	6.00E-01	4.30E-02	3.77E-09	2.71E-10
2.31E+01	1.19E+00	6.49E+01	7.30E+00	4.00E+01	4.38E+00	3.11E+01	3.36E+00	1.39E+01	1.97E+00	1.41E+01	1.34E+00	8.32E+00	7.79E-01	6.09E-01	6.34E-02	3.83E-09	3.99E-10
1.67E+01	9.69E-01	4.43E+01	5.55E+00	2.74E+01	3.34E+00	2.15E+01	2.61E+00	1.20E+01	1.32E+00	1.07E+01	9.52E-01	5.99E+00	5.73E-01	4.24E-01	4.98E-02	2.67E-09	3.13E-10
1.39E+01	8.51E-01	5.65E+01	5.57E+00	3.49E+01	3.35E+00	2.72E+01	2.61E+00	1.17E+01	1.39E+00	8.98E+00	9.83E-01	5.02E+00	5.87E-01	5.34E-01	4.95E-02	3.36E-09	3.11E-10
9.07E+00	7.46E-01	4.12E+01	4.41E+00	2.53E+01	2.67E+00	1.89E+01	2.08E+00	1.26E+01	1.09E+00	6.91E+00	7.25E-01	3.91E+00	4.39E-01	3.72E-01	3.99E-02	2.34E-09	2.51E-10
7.52E+00	7.67E-01	4.40E+01	4.09E+00	2.71E+01	2.53E+00	2.03E+01	1.92E+00	1.27E+01	1.05E+00	7.06E+00	6.44E-01	4.07E+00	3.89E-01	3.89E-01	3.73E-02	2.45E-09	2.34E-10
6.96E+00	7.67E-01	4.51E+01	4.01E+00	2.78E+01	2.48E+00	2.09E+01	1.89E+00	1.26E+01	1.03E+00	7.10E+00	6.28E-01	4.13E+00	3.68E-01	4.03E-01	3.67E-02	2.53E-09	2.30E-10
7.66E+00	6.86E-01	5.01E+01	3.78E+00	3.10E+01	2.29E+00	2.31E+01	1.74E+00	1.47E+01	1.15E+00	8.12E+00	7.29E-01	4.68E+00	4.12E-01	4.45E-01	3.37E-02	2.79E-09	2.11E-10
6.04E+00	6.17E-01	4.45E+01	3.84E+00	2.74E+01	2.35E+00	2.12E+01	1.81E+00	1.25E+01	9.24E-01	6.85E+00	6.00E-01	3.95E+00	3.63E-01	4.14E-01	3.51E-02	2.61E-09	2.20E-10
6.78E+00	7.58E-01	5.75E+01	3.93E+00	3.56E+01	2.32E+00	2.68E+01	1.80E+00	1.55E+01	1.32E+00	8.90E+00	8.92E-01	5.26E+00	5.20E-01	5.20E-01	3.34E-02	3.25E-09	2.09E-10
9.94E+00	9.44E-01	6.66E+01	6.39E+00	4.12E+01	3.81E+00	3.13E+01	2.91E+00	1.69E+01	1.71E+00	9.86E+00	1.13E+00	5.92E+00	6.55E-01	6.10E-01	5.53E-02	3.82E-09	3.48E-10
5.22E+00	6.54E-01	6.07E+01	6.14E+00	3.77E+01	3.71E+00	2.85E+01	2.83E+00	1.57E+01	1.59E+00	8.88E+00	9.99E-01	5.31E+00	5.84E-01	5.57E-01	5.44E-02	3.48E-09	3.42E-10
6.79E+00	1.41E+00	5.63E+01	1.18E+01	3.48E+01	7.18E+00	2.55E+01	5.37E+00	1.84E+01	3.27E+00	9.65E+00	1.82E+00	5.37E+00	1.04E+00	4.86E-01	1.04E-01	3.05E-09	6.53E-10
4.55E+00	1.33E+00	4.96E+01	6.51E+00	3.11E+01	3.73E+00	2.36E+01	2.74E+00	1.19E+01	2.23E+00	6.53E+00	1.46E+00	4.01E+00	7.67E-01	4.67E-01	5.30E-02	2.91E-09	3.34E-10
6.21E+00	1.47E+00	5.54E+01	9.08E+00	3.38E+01	5.41E+00	2.51E+01	3.99E+00	1.63E+01	2.67E+00	9.26E+00	1.44E+00	5.23E+00	8.12E-01	4.82E-01	7.68E-02	3.02E-09	4.83E-10
6.71E+00	1.26E+00	5.28E+01	7.89E+00	3.23E+01	4.65E+00	2.50E+01	3.43E+00	1.64E+01	2.38E+00	9.19E+00	1.43E+00	5.17E+00	7.96E-01	4.93E-01	6.52E-02	3.10E-09	4.10E-10
5.61E+00	1.10E+00	4.08E+01	7.16E+00	2.53E+01	4.30E+00	1.92E+01	3.29E+00	1.21E+01	2.08E+00	6.80E+00	1.30E+00	3.74E+00	7.15E-01	3.74E-01	6.34E-02	2.35E-09	3.99E-10
4.11E+00	1.06E+00	3.69E+01	7.00E+00	2.29E+01	4.18E+00	1.73E+01	3.14E+00	9.81E+00	2.06E+00	5.42E+00	1.27E+00	3.21E+00	7.14E-01	3.36E-01	5.93E-02	2.12E-09	3.73E-10
4.15E+00	8.72E-01	4.37E+01	4.34E+00	2.72E+01	2.67E+00	2.09E+01	2.07E+00	1.17E+01	1.41E+00	6.06E+00	9.10E-01	3.59E+00	4.95E-01	4.10E-01	4.04E-02	2.57E-09	2.54E-10
4.44E+00	5.62E-01	5.28E+01	5.62E+00	3.30E+01	3.43E+00	2.47E+01	2.63E+00	1.40E+01	1.37E+00	7.72E+00	8.35E-01	4.59E+00	5.01E-01	4.85E-01	5.10E-02	3.02E-09	3.21E-10
4.86E+00	7.70E-01	5.56E+01	4.70E+00	3.45E+01	2.78E+00	2.60E+01	2.10E+00	1.45E+01	1.43E+00	8.46E+00	9.22E-01	5.04E+00	5.15E-01	5.08E-01	3.91E-02	3.16E-09	2.46E-10
4.57E+00	5.86E-01	4.84E+01	3.54E+00	3.00E+01	2.11E+00	2.26E+01	1.58E+00	1.30E+01	1.10E+00	7.55E+00	6.88E-01	4.46E+00	3.94E-01	4.40E-01	2.96E-02	2.73E-09	1.86E-10
4.16E+00	5.90E-01	4.17E+01	3.50E+00	2.58E+01	2.17E+00	1.99E+01	1.66E+00	1.03E+01	8.67E-01	5.75E+00	5.69E-01	3.54E+00	3.18E-01	3.89E-01	3.23E-02	2.45E-09	2.02E-10
5.32E+00	7.31E-01	4.52E+01	3.75E+00	2.79E+01	2.32E+00	2.12E+01	1.77E+00	1.17E+01	9.57E-01	6.78E+00	6.12E-01	4.05E+00	3.41E-01	4.11E-01	3.44E-02	2.58E-09	2.15E-10
5.47E+00	8.12E-01	4.03E+01	3.73E+00	2.49E+01	2.31E+00	1.86E+01	1.76E+00	1.17E+01	9.79E-01	6.46E+00	6.34E-01	3.72E+00	3.69E-01	3.57E-01	3.40E-02	2.24E-09	2.13E-10
5.05E+00	8.03E-01	4.68E+01	4.00E+00	2.89E+01	2.43E+00	2.23E+01	1.87E+00	1.07E+01	1.04E+00	6.62E+00	6.86E-01	4.10E+00	4.07E-01	4.36E-01	3.56E-02	2.73E-09	2.24E-10
5.63E+00	6.98E-01	5.83E+01	4.26E+00	3.61E+01	2.59E+00	2.75E+01	1.98E+00	1.46E+01	1.14E+00	8.57E+00	7.25E-01	5.17E+00	4.28E-01	5.36E-01	3.78E-02	3.36E-09	2.38E-10
5.23E+00	5.95E-01	6.09E+01	4.16E+00	3.73E+01	2.54E+00	2.98E+01	1.93E+00	1.58E+01	1.17E+00	8.77E+00	7.25E-01	5.18E+00	4.22E-01	5.97E-01	3.66E-02	3.75E-09	2.30E-10
4.82E+00	6.59E-01	5.38E+01	4.06E+00	3.35E+01	2.47E+00	2.50E+01	1.87E+00	1.52E+01	1.15E+00	8.23E+00	7.18E-01	4.80E+00	4.16E-01	4.98E-01	3.55E-02	3.13E-09	2.23E-10
5.09E+00	6.49E-01	4.72E+01	3.87E+00	2.94E+01	2.35E+00	2.18E+01	1.78E+00	1.38E+01	1.10E+00	7.31E+00	6.96E-01	4.22E+00	4.02E-01	4.23E-01	3.38E-02	2.64E-09	2.12E-10
5.13E+00	5.72E-01	3.84E+01	3.92E+00	2.38E+01	2.40E+00	1.81E+01	1.86E+00	1.16E+01	1.02E+00	6.77E+00	6.57E-01	4.07E+00	3.77E-01	3.42E-01	3.61E-02	2.15E-09	2.27E-10
6.17E+00	4.96E-01	3.91E+01	4.23E+00	2.33E+01	2.58E+00	1.79E+01	1.99E+00	1.09E+01	1.02E+00	7.51E+00	6.83E-01	4.33E+00	4.12E-01	3.35E-01	3.84E-02	2.11E-09	2.41E-10
5.20E+00	4.88E-01	2.65E+01	3.91E+00	1.61E+01	2.37E+00	1.23E+01	1.80E+00	7.63E+00	1.11E+00	4.78E+00	7.01E-01	2.57E+00	4.05E-01	2.36E-01	3.50E-02	1.48E-09	2.20E-10
4.84E+00	5.53E-01	3.20E+01	3.73E+00	1.96E+01	2.35E+00	1.54E+01	1.73E+00	7.26E+00	1.16E+00	4.60E+00	6.99E-01	2.89E+00	3.88E-01	2.99E-01	3.36E-02	1.88E-09	2.11E-10
4.61E+00	3.56E-01	2.89E+01	3.97E+00	1.73E+01	2.44E+00	1.30E+01	1.86E+00	9.12E+00	1.03E+00	5.60E+00	6.28E-01	3.12E+00	3.74E-01	2.57E-01	3.59E-02	1.61E-09	2.26E-10
4.31E+00	4.35E-01	3.70E+01	4.02E+00	2.25E+01	2.48E+00	1.72E+01	1.91E+00	9.89E+00	9.35E-01	6.20E+00	5.83E-01	3.64E+00	3.59E-01	3.28E-01	3.73E-02	2.07E-09	2.35E-10
4.29E+00	5.45E-01	3.66E+01	3.46E+00	2.29E+01	2.14E+00	1.69E+01	1.66E+00	1.06E+01	8.62E-01	5.73E+00	5.43E-01	3.32E+00	3.13E-01	3.34E-01	3.24E-02	2.10E-09	2.04E-10
4.52E+00	5.77E-01	4.41E+01	3.33E+00	2.76E+01	2.03E+00	2.06E+01	1.54E+00	1.23E+01	9.34E-01	6.76E+00	5.79E-01	3.96E+00	3.36E-01	4.13E-01	2.92E-02	2.60E-09	1.83E-10
4.30E+00	5.88E-01	5.26E+01	3.44E+00	3.22E+01	2.10E+00	2.58E+01	1.59E+00	1.27E+01	9.64E-01	7.16E+00	5.91E-01	4.24E+00	3.44E-01	5.16E-01	3.03E-02	3.24E-09	1.91E-10
4.80E+00	6.70E-01	4.72E+01	3.53E+00	2.93E+01	2.16E+00	2.22E+01	1.64E+00	1.21E+01	9.62E-01	7.01E+00	6.81E-01	4.20E+00	3.76E-01	4.33E-01	3.14E-02	2.70E-09	1.97E-10

Scenario 2 Results

5.46E+00	8.10E-01	4.28E+01	3.62E+00	2.65E+01	2.20E+00	2.03E+01	1.69E+00	1.02E+01	9.52E-01	6.18E+00	7.16E-01	3.78E+00	3.99E-01	3.97E-01	3.22E-02	2.48E-09	2.03E-10
5.80E+00	7.76E-01	3.84E+01	3.17E+00	2.38E+01	1.98E+00	1.78E+01	1.50E+00	1.07E+01	9.22E-01	5.93E+00	6.60E-01	3.46E+00	3.68E-01	3.45E-01	2.91E-02	2.16E-09	1.82E-10
5.12E+00	6.63E-01	3.99E+01	3.18E+00	2.47E+01	1.99E+00	1.87E+01	1.51E+00	1.04E+01	8.92E-01	5.89E+00	6.14E-01	3.51E+00	3.42E-01	3.64E-01	2.93E-02	2.28E-09	1.84E-10
4.79E+00	5.55E-01	3.85E+01	3.29E+00	2.40E+01	1.98E+00	1.80E+01	1.49E+00	1.05E+01	9.60E-01	5.97E+00	5.87E-01	3.55E+00	3.33E-01	3.53E-01	2.83E-02	2.19E-09	1.78E-10
4.43E+00	5.76E-01	4.77E+01	3.76E+00	3.04E+01	2.25E+00	2.27E+01	1.69E+00	1.28E+01	1.12E+00	7.14E+00	7.18E-01	4.26E+00	4.05E-01	4.47E-01	3.18E-02	2.81E-09	2.00E-10
4.28E+00	6.83E-01	4.94E+01	4.40E+00	3.08E+01	2.63E+00	2.31E+01	1.98E+00	1.29E+01	1.32E+00	7.53E+00	8.40E-01	4.49E+00	4.72E-01	4.54E-01	3.70E-02	2.81E-09	2.33E-10
5.07E+00	5.95E-01	4.94E+01	5.14E+00	3.08E+01	3.11E+00	2.31E+01	2.36E+00	1.31E+01	1.41E+00	7.43E+00	8.62E-01	4.42E+00	4.97E-01	4.54E-01	4.50E-02	2.81E-09	2.83E-10
4.17E+00	5.63E-01	4.48E+01	5.08E+00	2.81E+01	3.13E+00	2.11E+01	2.40E+00	1.24E+01	1.22E+00	6.62E+00	7.16E-01	3.90E+00	4.36E-01	4.15E-01	4.68E-02	2.60E-09	2.94E-10
3.93E+00	7.63E-01	3.68E+01	3.85E+00	2.32E+01	2.27E+00	1.71E+01	1.73E+00	1.05E+01	1.31E+00	5.35E+00	8.29E-01	3.12E+00	4.51E-01	3.37E-01	3.38E-02	2.09E-09	2.12E-10
3.64E+00	9.10E-01	3.07E+01	6.42E+00	1.93E+01	3.86E+00	1.47E+01	2.89E+00	8.80E+00	1.89E+00	4.54E+00	1.12E+00	2.59E+00	6.32E-01	2.90E-01	5.50E-02	1.82E-09	3.46E-10
4.58E+00	1.02E+00	3.68E+01	7.31E+00	2.27E+01	4.35E+00	1.74E+01	3.24E+00	1.06E+01	2.23E+00	5.67E+00	1.31E+00	3.18E+00	7.26E-01	3.40E-01	6.12E-02	2.14E-09	3.85E-10
5.90E+00	1.19E+00	5.29E+01	1.01E+01	3.28E+01	6.15E+00	2.39E+01	4.61E+00	1.71E+01	2.94E+00	8.82E+00	1.61E+00	4.90E+00	9.03E-01	4.59E-01	8.93E-02	2.88E-09	5.62E-10
5.62E+00	1.07E+00	5.05E+01	8.60E+00	3.09E+01	5.25E+00	2.28E+01	3.97E+00	1.53E+01	2.38E+00	8.44E+00	1.37E+00	4.72E+00	7.44E-01	4.39E-01	7.77E-02	2.75E-09	4.89E-10
5.36E+00	1.00E+00	4.80E+01	8.45E+00	2.95E+01	5.14E+00	2.17E+01	3.86E+00	1.47E+01	2.21E+00	8.03E+00	1.20E+00	4.49E+00	6.86E-01	4.17E-01	7.52E-02	2.61E-09	4.73E-10
5.52E+00	1.13E+00	4.99E+01	9.52E+00	3.09E+01	5.73E+00	2.26E+01	4.29E+00	1.59E+01	2.80E+00	8.30E+00	1.53E+00	4.62E+00	8.50E-01	4.34E-01	8.31E-02	2.71E-09	5.23E-10
5.25E+00	1.24E+00	4.61E+01	8.94E+00	2.87E+01	5.42E+00	2.08E+01	4.04E+00	1.54E+01	2.65E+00	7.73E+00	1.52E+00	4.27E+00	8.54E-01	3.99E-01	7.71E-02	2.50E-09	4.85E-10
4.98E+00	1.20E+00	4.22E+01	9.03E+00	2.59E+01	5.48E+00	1.93E+01	4.12E+00	1.27E+01	2.36E+00	6.88E+00	1.29E+00	3.94E+00	7.46E-01	3.78E-01	8.01E-02	2.36E-09	5.04E-10
4.68E+00	1.00E+00	4.08E+01	8.31E+00	2.53E+01	4.98E+00	1.96E+01	3.68E+00	1.12E+01	2.50E+00	6.40E+00	1.39E+00	3.61E+00	7.70E-01	3.87E-01	7.02E-02	2.43E-09	4.42E-10
3.75E+00	9.32E-01	2.97E+01	6.86E+00	1.83E+01	4.15E+00	1.39E+01	3.14E+00	9.35E+00	2.02E+00	4.88E+00	1.21E+00	2.82E+00	6.74E-01	2.70E-01	6.03E-02	1.70E-09	3.79E-10
4.04E+00	7.96E-01	3.05E+01	5.18E+00	1.95E+01	3.12E+00	1.45E+01	2.32E+00	8.32E+00	1.65E+00	4.07E+00	9.82E-01	2.38E+00	5.49E-01	2.86E-01	4.35E-02	1.80E-09	2.74E-10
4.12E+00	6.76E-01	3.81E+01	3.96E+00	2.40E+01	2.45E+00	1.77E+01	1.89E+00	1.09E+01	1.12E+00	5.60E+00	7.07E-01	3.27E+00	3.81E-01	3.49E-01	3.69E-02	2.16E-09	2.32E-10
4.89E+00	4.20E-01	4.47E+01	5.15E+00	2.81E+01	3.16E+00	2.09E+01	2.41E+00	1.22E+01	1.30E+00	6.69E+00	7.61E-01	3.95E+00	4.53E-01	4.11E-01	4.67E-02	2.54E-09	2.93E-10
4.63E+00	5.88E-01	4.71E+01	4.93E+00	2.94E+01	2.98E+00	2.20E+01	2.25E+00	1.25E+01	1.38E+00	7.11E+00	8.35E-01	4.23E+00	4.80E-01	4.33E-01	4.30E-02	2.68E-09	2.70E-10
4.15E+00	6.46E-01	4.67E+01	4.01E+00	2.98E+01	2.39E+00	2.25E+01	1.80E+00	1.21E+01	1.22E+00	7.11E+00	7.80E-01	4.24E+00	4.37E-01	4.45E-01	3.36E-02	2.80E-09	2.11E-10
4.52E+00	5.50E-01	4.72E+01	3.59E+00	3.00E+01	2.16E+00	2.23E+01	1.63E+00	1.28E+01	1.04E+00	6.59E+00	6.50E-01	3.93E+00	3.70E-01	4.40E-01	3.09E-02	2.77E-09	1.94E-10
4.66E+00	5.11E-01	3.57E+01	3.21E+00	2.24E+01	1.94E+00	1.67E+01	1.45E+00	1.01E+01	9.52E-01	5.31E+00	5.74E-01	3.16E+00	3.24E-01	3.25E-01	2.75E-02	2.04E-09	1.73E-10
4.81E+00	5.16E-01	3.35E+01	3.03E+00	2.08E+01	1.80E+00	1.59E+01	1.35E+00	7.98E+00	9.27E-01	4.65E+00	5.86E-01	2.85E+00	3.26E-01	3.11E-01	2.62E-02	1.95E-09	1.64E-10
4.71E+00	6.14E-01	3.77E+01	3.09E+00	2.34E+01	1.86E+00	1.77E+01	1.41E+00	9.60E+00	9.28E-01	5.48E+00	6.17E-01	3.29E+00	3.44E-01	3.45E-01	2.75E-02	2.16E-09	1.72E-10
5.75E+00	7.04E-01	3.77E+01	3.14E+00	2.34E+01	1.87E+00	1.76E+01	1.42E+00	1.02E+01	9.34E-01	5.68E+00	6.42E-01	3.35E+00	3.58E-01	3.42E-01	2.76E-02	2.14E-09	1.73E-10
5.58E+00	8.12E-01	3.41E+01	3.19E+00	2.11E+01	1.92E+00	1.57E+01	1.47E+00	9.99E+00	9.59E-01	5.42E+00	6.99E-01	3.11E+00	3.91E-01	3.03E-01	2.82E-02	1.90E-09	1.77E-10
5.49E+00	7.64E-01	3.90E+01	3.28E+00	2.42E+01	2.00E+00	1.84E+01	1.53E+00	9.61E+00	9.41E-01	5.70E+00	7.00E-01	3.46E+00	3.91E-01	3.61E-01	2.93E-02	2.25E-09	1.84E-10
4.80E+00	6.60E-01	4.20E+01	3.29E+00	2.62E+01	2.01E+00	1.98E+01	1.53E+00	1.07E+01	9.26E-01	6.24E+00	6.85E-01	3.75E+00	3.80E-01	3.88E-01	2.93E-02	2.41E-09	1.84E-10
4.07E+00	6.00E-01	4.92E+01	3.22E+00	3.01E+01	1.97E+00	2.41E+01	1.49E+00	1.17E+01	9.01E-01	6.64E+00	6.03E-01	3.94E+00	3.28E-01	4.82E-01	2.85E-02	3.03E-09	1.79E-10
4.30E+00	5.31E-01	4.34E+01	3.16E+00	2.68E+01	1.93E+00	2.14E+01	1.46E+00	1.18E+01	8.88E-01	6.52E+00	5.47E-01	3.83E+00	3.18E-01	4.29E-01	2.78E-02	2.70E-09	1.75E-10
4.06E+00	5.15E-01	3.53E+01	3.28E+00	2.21E+01	2.03E+00	1.63E+01	1.57E+00	1.01E+01	8.12E-01	5.51E+00	5.07E-01	3.20E+00	2.92E-01	3.24E-01	3.08E-02	2.04E-09	1.94E-10
3.75E+00	4.12E-01	3.52E+01	3.88E+00	2.15E+01	2.40E+00	1.64E+01	1.85E+00	9.25E+00	8.97E-01	5.68E+00	5.51E-01	3.36E+00	3.40E-01	3.15E-01	3.62E-02	1.98E-09	2.27E-10
4.23E+00	3.59E-01	3.32E+01	3.96E+00	2.02E+01	2.45E+00	1.52E+01	1.87E+00	9.58E+00	9.63E-01	5.78E+00	5.83E-01	3.32E+00	3.55E-01	2.89E-01	3.65E-02	1.82E-09	2.29E-10
6.84E+00	5.60E-01	4.00E+01	4.10E+00	2.36E+01	2.49E+00	1.85E+01	1.93E+00	1.10E+01	1.06E+00	7.94E+00	6.90E-01	4.65E+00	4.16E-01	3.44E-01	3.71E-02	2.16E-09	2.33E-10
6.20E+00	5.05E-01	3.22E+01	4.15E+00	1.90E+01	2.51E+00	1.43E+01	1.93E+00	1.02E+01	1.09E+00	6.93E+00	7.39E-01	3.84E+00	4.35E-01	2.67E-01	3.67E-02	1.68E-09	2.31E-10
5.87E+00	5.94E-01	2.73E+01	3.75E+00	1.66E+01	2.35E+00	1.31E+01	1.76E+00	7.65E+00	1.14E+00	5.18E+00	7.44E-01	2.98E+00	4.19E-01	2.53E-01	3.41E-02	1.59E-09	2.15E-10
5.36E+00	6.54E-01	3.69E+01	3.61E+00	2.24E+01	2.25E+00	1.77E+01	1.66E+00	7.46E+00	1.21E+00	5.44E+00	7.46E-01	3.44E+00	4.07E-01	3.44E-01	3.17E-02	2.16E-09	1.99E-10
5.19E+00	7.05E-01	3.58E+01	3.42E+00	2.18E+01	2.09E+00	1.72E+01	1.55E+00	7.21E+00	1.24E+00	5.29E+00	7.60E-01	3.34E+00	4.09E-01	3.34E-01	2.92E-02	2.10E-09	1.83E-10
5.17E+00	9.75E-01	3.79E+01	3.43E+00	2.36E+01	2.10E+00	1.88E+01	1.62E+00	8.08E+00	1.06E+00	4.52E+00	8.90E-01	3.07E+00	4.86E-01	3.70E-01	3.10E-02	2.33E-09	1.95E-10
4.64E+00	9.32E-01	2.80E+01	3.39E+00	1.73E+01	1.98E+00	1.31E+01	1.51E+00	7.47E+00	1.20E+00	4.26E+00	8.85E-01	2.52E+00	4.80E-01	2.54E-01	2.78E-02	1.59E-09	1.75E-10
5.23E+00	9.33E-01	2.99E+01	3.48E+00	1.80E+01	2.06E+00	1.43E+01	1.57E+00	7.42E+00	1.24E+00	4.74E+00	8.95E-01	2.84E+00	4.85E-01	2.77E-01	2.86E-02	1.74E-09	1.80E-10
6.42E+00	8.53E-01	3.33E+01	3.53E+00	2.00E+01	2.14E+00	1.60E+01	1.60E+00	8.73E+00	1.21E+00	5.86E+00	8.52E-01	3.26E+00	4.63E-01	3.10E-01	2.99E-02	1.95E-09	1.88E-10
6.64E+00	8.08E-01	3.30E+01	3.46E+00	1.97E+01	2.11E+00	1.47E+01	1.58E+00	9.89E+00	1.10E+00	6.78E+00	8.23E-01	3.79E+00	4.51E-01	2.79E-01	2.98E-02	1.72E-09	1.87E-10
7.85E+00	7.32E-01	5.01E+01	4.08E+00	3.10E+01	2.47E+00	2.30E+01	1.87E+00	1.50E+01	1.26E+00	8.11E+00	7.22E-01	4.64E+00	4.15E-01	4.43E-01	3.54E-02	2.77E-09	2.23E-10
3.11E+00	7.72E-01	2.11E+01	5.03E+00	1.26E+01	2.95E+00	9.51E+00	2.26E+00	7.03E+00	1.40E+00	3.84E+00	9.65E-01	2.13E+00	5.54E-01	1.84E-01	4.28E-02	1.16E-09	2.69E-10
4.54E+00	5.53E-01	3.36E+01	3.03E+00	2.11E+01	1.68E+00	1.57E+01	1.28E+00	9.67E+00	9.06E-01	4.96E+00	6.62E-01	2.91E+00	3.57E-01	3.04E-01	2.38E-02	1.91E-09	1.50E-10
4.41E+00	5.75E-01	3.49E+01	2.84E+00	2.18E+01	1.69E+00	1.62E+01	1.26E+00	9.82E+00	7.78E-01	4.88E+00	6.45E-01	2.86E+00	3.66E-01	3.16E-01	2.44E-02	1.98E-09	1.53E-10
3.89E+00	5.23E-01	2.92E+01	2.70E+00	1.82E+01	1.66E+00	1.35E+01	1.25E+00	8.31E+00	7.59E-01	4.10E+00	5.53E-01	2.38E+00	3.13E-01	2.63E-01	2.40E-02	1.65E-09	1.51E-10
5.48E+00	5.12E-01	2.28E+01	3.21E+00	1.42E+01	1.90E+00	1.07E+01	1.37E+00	6.22E+00	1.04E+00	3.77E+00	6.12E-01	2.11E+00	3.26E-01	2.08E-01	2.62E-02	1.30E-09	1.65E-10
6.11E+00	7.50E-01	2.54E+01	3.72E+00	1.56E+01	2.22E+00	1.17E+01	1.62E+00	7.10E+00	1.20E+00	4.22E+00	8.52E-01	2.62E+00	4.71E-01	2.27E-01	3.07E-02	1.42E-09	1.93E-10
4.87E+00	7.27E-01	3.40E+01	4.38E+00	2.12E+01	2.54E+00	1.59E+01	1.92E+00	9.27E+00	1.27E+00	4.90E+00	8.91E-01	2.88E+00	4.91E-01	3.09E-01	3.59E-02	1.94E-09	2.26E-10
3.14E+00	7.08E-01	2.11E+01	5.76E+00	1.29E+01	3.51E+00	9.35E+00	2.57E+00	7.71E+00	1.78E+00	3.95E+00	9.28E-01	2.09E+00	5.10E-01	1.81E-01	4.95E-02	1.14E-09	3.12E-10
4.21E+00	7.59E-01	2.20E+01	6.69E+00	1.34E+01	4.07E+00	9.54E+00	2.97E+00	7.86E+00	2.16E+00	3.79E+00	1.14E+00	1.98E+00	6.17E-01	1.82E-01	5.67E-02	1.15E-09	3.57E-10
3.70E+00	7.47E-01	3.14E+01	5.58E+00	1.90E+01	3.28E+00	1.48E+01	2.48E+00	7.00E+00	1.47E+00	3.63E+00	9.77E-01	2.30E+00	5.59E-01	2.94E-01	4.76E-02	1.85E-09	2.99E-10
3.40E+00	1.07E+00	2.36E+01	5.41E+00	1.45E+01	3.08E+00	1.05E+01	2.32E+00	7.74E+00	1.67E+00	3.73E+00	1.22E+00	2.02E+00	6.57E-01	2.02E-01	4.38E-02	1.27E-09	2.75E-10
3.68E+00	7.95E-01	2.30E+01	4.58E+00	1.39E+01	2.79E+00	1.02E+01	2.07E+00	7.08E+00	1.35E+00	3.71E+00	8.52E-01	2.03E+00	4.70E-01	1.97E-01	4.01E-02	1.24E-09	2.52E-10
3.66E+00	7.04E-01	2.21E+01	5.93E+00	1.35E+01	3.64E+00	9.83E+00	2.67E+00	7.24E+00	1.83E+00	4.31E+00	9.63E-01	2.33E+00	5.35E-01	1.90E-01	5.14E-02	1.19E-09	3.23E-10
4.15E+00	7.99E-01	2.19E+01	6.37E+00	1.35E+01	3.90E+00	9.71E+00	2.88E+00	7.25E+00	2.00E+00	3.52E+00	1.05E+00	1.89E+00	5.80E-01	1.88E-01	5.55E-02	1.18E-09	3.49E-10
2.74E+00	9.42E-01	1.94E+01	6.28E+00	1.19E+01	3.70E+00	8.74E+00	2.74E+00	6.41E+00	1.96E+00	3.32E+00	1.25E+00	1.79E+00	6.72E-01	1.68E-01	5.15E-02	1.06E-09	3.24E-10
2.72E+00	9.76E-01	2.04E+01	5.49E+00	1.29E+01	3.29E+00	9.72E+00	2.46E+00	6.43E+00	1.64E+00	3.20E+00	1.11E+00	1.74E+00	6.16E-01	1.90E-01	4.66E-02	1.19E-09	2.93E-10
3.18E+00	7.38E-01	2.43E+01	5.73E+00	1.53E+01	3.44E+00	1.15E+01	2.55E+00	6.60E+00	1.70E+00	3.35E+00	9.80E-01	2.02E+00	5.40E-01	2.25E-01	4.88E-02	1.41E-09	3.07E-10
3.24E+00	7.24E-01	2.57E+01	5.72E+00	1.61E+01	3.43E+00	1.21E+01	2.56E+00	7.05E+00	1.69E+00	3.62E+00	1.03E+00	2.17E+00	5.70E-01	2.36E-01	4.86E-02	1.48E-09	3.06E-10
3.58E+00	7.44E-01	2.60E+01	5.01E+00	1.63E+01	2.98E+00	1.23E+01	2.26E+00	7.21E+00	1.59E+00	3.80E+00	9.62E-01	2.26E+00	5.42E-01	2.37E-01	4.25E-02	1.49E-09	2.67E-10
4.85E+00	6.70E-01	2.53E+01	5.35E+00	1.58E+01	3.28E+00	1.19E+01	2.41E+00	7.04E+00	1.63E+00	3.81E+00	8.86E-01	2.26E+00	4.76E-01	2.30E-01	4.64E-02	1.45E-09	2.92E-10
4.74E+00	7.27E-01	2.48E+01	5.59E+00	1.55E+01	3.40E+00	1.16E+01	2.51E+00	6.89E+00	1.72E+00	3.78E+00	9.26E-01	2.23E+00	5.15E-01	2.25E-01	4.82E-02	1.41E-09	3.03E-10
5.62E+00	7.51E-01	2.43E+01	5.82E+00	1.51E+01	3.54E+00	1.14E+01	2.59E+00	6.72E+00	1.93E+00	3.73E+00	9.60E-01	2.20E+00	5.27E-01	2.20E-01	4.97E-02	1.39E-09	3.12E-10
5.05E+00	7.70E-01	2.34E+01	6.24E+00	1.46E+01	3.79E+00	1.10E+01	2.79E+00	6.43E+00	1.92E+00	3.58E+00	1.07E+00	2.11E+00	5.92E-01	2.13E-01	5.33E-02	1.34E-09	3.35E-10
5.17E+00	7.84E-01	2.20E+01	6.05E+00	1.37E+01	3.66E+00	1.03E+01	2.73E+00	6.02E+00	1.81E+00	3.35E+00	1.08E+00	1.96E+00	6.03E-01	2.00E-01	5.20E-02	1.26E-09	3.27E-10
5.21E+00	7.99E-01	1.98E+01	5.40E+00	1.23E+01	3.26E+00	9.22E+00	2.47E+00	5.61E+00	1.55E+00	3.36E+00	1.03E+00	1.98E+00	5.70E-01	1.79E-01	4.66E-02	1.12E-09	2.93E-10
5.68E+00	8.44E-01	1.88E+01	5.12E+00	1.17E+01	2.99E+00	8.65E+00	2.27E+00	5.42E+00	1.52E+00	3.57E+00	1.04E+00	2.02E+00	5.81E-01	1.68E-01	4.25E-02	1.06E-09	2.67E-10
4.95E+00	8.63E-01	1.83E+01	5.29E+00	1.12E+01	3.20E+00	8.36E+00	2.39E+00	5.56E+00	1.61E+00	3.16E+00	1.04E+00	1.73E+00	5.82E-01	1.62E-01	4.53E-02	1.02E-09	2.85E-10
4.46E+00	8.41E-01	2.18E+01	5.76E+00	1.36E+01	3.48E+00	1.09E+01	2.64E+00	5.88E+00	1.67E+00	3.48E+00	1.08E+00	1.96E+00	6.21E-01	2.17E-01	4.98E-02	1.36E-09	3.13E-10
3.98E+00	7.54E-01	2.42E+01	5.46E+00	1.51E+01	3.31E+00	1.21E+01	2.52E+00	5.49E+00	1.58E+00	3.62E+00	9.81E-01	2.04E+00	5.71E-01	2.42E-01	4.77E-02	1.52E-09	3.00E-10
3.53E+00	7.05E-01	2.40E+01	5.15E+00	1.50E+01	3.14E+00	1.20E+01	2.39E+00	5.01E+00	1.49E+00	3.49E+00	9.08E-01	1.98E+00	5.30E-01	2.40E-01	4.53E-02	1.51E-09	2.85E-10
6.39E+00	6.49E-01	1.80E+01	3.96E+00	1.10E+01	2.44E+00	8.04E+00	1.85E+00	5.68E+00	1.14E+00	4.85E+00	6.75E-01	2.51E+00	3.91E-01	1.55E-01	3.56E-02	9.78E-10	2.24E-10
7.43E+00	6.18E-01	1.89E+01	3.31E+00	1.15E+01	2.04E+00	8.49E+00	1.54E+00	7.87E+00	9.38E-01	6.07E+00	6.51E-01	3.12E+00	3.70E-01	1.66E-01	2.97E-02	1.05E-09	1.87E-10
7.81E+00	5.76E-01	2.84E+01	3.04E+00	1.62E+01	1.80E+00	1.17E+01	1.38E+00	1.13E+01	8.91E-01	7.16E+00	6.39E-01	3.71E+00	3.65E-01	2.06E-01	2.55E-02	1.29E-09	1.60E-10
7.63E+00	5.77E-01	4.30E+01	3.23E+00	2.59E+01	1.93E+00	1.86E+01	1.46E+00	1.59E+01	1.15E+00	8.50E+00	6.44E-01	4.51E+00	3.56E-01	3.45E-01	2.73E-02	2.17E-09	1.71E-10
6.94E+00	5.50E-01	5.58E+01	4.16E+00	3.45E+01	2.55E+00	2.50E+01	1.86E+00	1.89E+01	1.38E+00	9.42E+00	7.22E-01	5.18E+00	3.98E-01	4.76E-01	3.53E-02	2.99E-09	2.22E-10
5.94E+00	5.54E-01	6.53E+01	4.85E+00	4.08E+01	3.00E+00	3.00E+01	2.22E+00	2.02E+01	1.49E+00	9.83E+00	7.57E-01	5.60E+00	4.30E-01	5.80E-01	4.26E-02	3.64E-09	2.68E-10
4.78E+00	5.89E-01	6.92E+01	5.15E+00	4.36E+01	3.21E+00	3.24E+01	2.40E+00	1.96E+01	1.46E+00	9.59E+00	7.44E-01	5.67E+00	4.35E-01	6.32E-01	4.65E-02	3.97E-09	2.92E-10
4.66E+00	4.29E-01	4.14E+01	3.21E+00	2.59E+01	1.98E+00	1.87E+01	1.44E+00	1.39E+01	1.08E+00	6.76E+00	5.49E-01	3.74E+00	3.13E-01	3.59E-01	2.74E-02	2.25E-09	1.72E-10
5.34E+00	4.82E-01	3.31E+01	2.88E+00	2.02E+01	1.73E+00	1.45E+01	1.30E+00	1.21E+01	8.91E-01	6.30E+00	5.75E-01	3.37E+00	3.27E-01	2.72E-01	2.47E-02	1.70E-09	1.53E-10
5.58E+00	5.26E-01	2.57E+01	3.10E+00	1.52E+01	1.94E+00	1.10E+01	1.47E+00	9.80E+00	8.27E-01	5.70E+00	5.96E-01	3.01E+00	3.38E-01	2.10E-01	2.86E-02	1.32E-09	1.79E-10
5.47E+00	5.58E-01	2.25E+01	3.48E+00	1.42E+01	2.17E+00	1.03E+01	1.64E+00	7.60E+00	9.19E-01	5.04E+00	6.06E-01	2.65E+00	3.43E-01	2.02E-01	3.19E-02	1.27E-09	2.00E-10
4.49E+00	5.88E-01	2.00E+01	4.09E+00	1.25E+01	2.53E+00	9.95E+00	1.92E+00	6.49E+00	1.11E+00	3.63E+00	6.51E-01	1.93E+00	3.88E-01	1.99E-01	3.69E-02	1.25E-09	2.32E-10
3.89E+00	5.89E-01	2.26E+01	4.34E+00	1.41E+01	2.66E+00	1.13E+01	2.03E+00	5.95E+00	1.19E+00	3.32E+00	7.31E-01	1.92E+00	4.32E-01	2.25E-01	3.87E-02	1.42E-09	2.43E-10
3.03E+00	6.58E-01	2.54E+01	4.57E+00	1.59E+01	2.77E+00	1.26E+01	2.13E+00	5.58E+00	1.26E+00	3.27E+00	8.32E-01	1.83E+00	4.89E-01	2.53E-01	4.01E-02	1.59E-09	2.52E-10
3.41E+00	7.89E-01	2.68E+01	4.67E+00	1.68E+01	2.79E+00	1.34E+01	2.16E+00	5.26E+00	1.31E+00	3.25E+00	9.21E-01	1.94E+00	5.36E-01	2.67E-01	4.02E-02	1.68E-09	2.53E-10
3.72E+00	8.80E-01	2.52E+01	4.88E+00	1.58E+01	2.91E+00	1.26E+01	2.22E+00	5.78E+00	1.37E+00	3.11E+00	9.71E-01	1.83E+00	5.58E-01	2.51E-01	4.18E-02	1.58E-09	2.63E-10
3.97E+00	8.20E-01	2.91E+01	5.40E+00	1.82E+01	3.23E+00	1.46E+01	2.45E+00	5.84E+00	1.53E+00	3.23E+00	1.01E+00	2.10E+00	5.75E-01	2.92E-01	4.62E-02	1.83E-09	2.90E-10

Scenario 2 Results

3.92E+00	7.82E-01	3.34E+01	5.70E+00	2.09E+01	3.41E+00	1.67E+01	2.57E+00	5.48E+00	1.64E+00	3.34E+00	1.05E+00	2.40E+00	5.93E-01	3.34E-01	4.87E-02	2.10E-09	3.06E-10
4.17E+00	7.54E-01	3.13E+01	5.87E+00	1.95E+01	3.53E+00	1.56E+01	2.64E+00	6.07E+00	1.72E+00	3.19E+00	1.05E+00	2.25E+00	5.91E-01	3.13E-01	5.02E-02	1.97E-09	3.16E-10
4.53E+00	7.23E-01	2.53E+01	5.81E+00	1.59E+01	3.51E+00	1.19E+01	2.62E+00	6.95E+00	1.73E+00	3.68E+00	1.02E+00	2.18E+00	5.73E-01	2.32E-01	4.98E-02	1.45E-09	3.13E-10
4.05E+00	7.02E-01	2.82E+01	5.62E+00	1.77E+01	3.40E+00	1.33E+01	2.53E+00	7.71E+00	1.68E+00	4.10E+00	9.77E-01	2.44E+00	5.48E-01	2.59E-01	4.83E-02	1.62E-09	3.03E-10
3.74E+00	7.68E-01	3.11E+01	5.24E+00	1.96E+01	3.18E+00	1.47E+01	2.37E+00	8.53E+00	1.77E+00	4.52E+00	9.07E-01	2.70E+00	5.03E-01	2.86E-01	4.52E-02	1.79E-09	2.84E-10
3.62E+00	7.08E-01	3.30E+01	5.05E+00	2.08E+01	3.09E+00	1.56E+01	2.29E+00	9.14E+00	1.72E+00	4.79E+00	8.48E-01	2.86E+00	4.63E-01	3.03E-01	4.41E-02	1.90E-09	2.77E-10
4.27E+00	6.81E-01	3.36E+01	4.90E+00	2.12E+01	3.01E+00	1.59E+01	2.23E+00	9.39E+00	1.46E+00	4.88E+00	8.27E-01	2.91E+00	4.44E-01	3.09E-01	4.29E-02	1.94E-09	2.70E-10
8.55E+00	6.08E-01	3.39E+01	4.42E+00	2.14E+01	2.73E+00	1.60E+01	2.01E+00	9.54E+00	1.41E+00	4.97E+00	7.71E-01	3.01E+00	4.08E-01	3.11E-01	3.89E-02	1.95E-09	2.45E-10
9.43E+00	6.03E-01	3.34E+01	4.41E+00	2.11E+01	2.65E+00	1.58E+01	2.00E+00	9.41E+00	1.40E+00	6.66E+00	8.08E-01	3.99E+00	4.60E-01	3.07E-01	3.79E-02	1.93E-09	2.38E-10
7.12E+00	6.28E-01	3.19E+01	5.01E+00	2.02E+01	3.01E+00	1.51E+01	2.26E+00	8.93E+00	1.45E+00	5.71E+00	8.87E-01	3.45E+00	5.00E-01	2.94E-01	4.30E-02	1.85E-09	2.71E-10
3.47E+00	5.93E-01	2.97E+01	5.15E+00	1.88E+01	3.11E+00	1.41E+01	2.32E+00	8.22E+00	1.51E+00	4.06E+00	8.83E-01	2.45E+00	4.93E-01	2.75E-01	4.43E-02	1.72E-09	2.79E-10
2.80E+00	6.97E-01	2.63E+01	4.81E+00	1.66E+01	2.91E+00	1.25E+01	2.16E+00	7.16E+00	1.41E+00	3.52E+00	8.22E-01	2.14E+00	4.66E-01	2.44E-01	4.14E-02	1.53E-09	2.61E-10
2.70E+00	8.46E-01	2.26E+01	4.91E+00	1.43E+01	2.97E+00	1.07E+01	2.22E+00	6.35E+00	1.45E+00	2.99E+00	9.74E-01	1.82E+00	5.46E-01	2.10E-01	4.22E-02	1.32E-09	2.65E-10
2.57E+00	8.92E-01	1.80E+01	6.20E+00	1.10E+01	3.69E+00	8.07E+00	2.73E+00	6.88E+00	1.94E+00	3.12E+00	1.19E+00	1.64E+00	6.49E-01	1.55E-01	5.16E-02	9.72E-10	3.24E-10
3.49E+00	7.42E-01	2.17E+01	5.61E+00	1.35E+01	3.45E+00	1.02E+01	2.54E+00	7.07E+00	1.74E+00	4.11E+00	9.44E-01	2.25E+00	5.09E-01	1.98E-01	4.87E-02	1.25E-09	3.06E-10
8.62E-01	6.83E-02	1.29E+01	9.42E-01	8.23E+00	5.88E-01	6.05E+00	4.58E-01	3.53E+00	2.21E-01	1.85E+00	1.26E-01	1.10E+00	8.24E-02	1.22E-01	9.26E-03	7.41E-10	5.65E-11
7.82E-01	7.16E-02	1.26E+01	9.51E-01	8.03E+00	5.93E-01	5.94E+00	4.64E-01	3.28E+00	2.10E-01	1.78E+00	1.27E-01	1.07E+00	8.38E-02	1.20E-01	9.42E-03	7.30E-10	5.73E-11
5.93E-01	7.43E-02	9.61E+00	8.32E-01	6.11E+00	5.18E-01	4.56E+00	4.05E-01	2.41E+00	2.12E-01	1.35E+00	1.19E-01	8.23E-01	7.45E-02	9.22E-02	8.26E-03	5.60E-10	5.00E-11
5.76E-01	8.61E-02	1.04E+01	8.17E-01	6.49E+00	5.10E-01	5.22E+00	3.76E-01	2.00E+00	2.39E-01	1.29E+00	1.29E-01	9.04E-01	7.40E-02	1.05E-01	7.38E-03	6.46E-10	4.56E-11
6.24E-01	9.28E-02	9.77E+00	8.51E-01	6.12E+00	5.35E-01	4.89E+00	3.99E-01	2.32E+00	2.37E-01	1.14E+00	1.28E-01	8.06E-01	7.41E-02	9.91E-02	7.90E-03	6.09E-10	4.87E-11
8.32E-01	9.31E-02	9.82E+00	8.33E-01	6.29E+00	5.28E-01	4.86E+00	3.94E-01	2.41E+00	2.16E-01	1.08E+00	1.15E-01	7.50E-01	6.93E-02	1.01E-01	7.86E-03	6.10E-10	4.85E-11
9.87E-01	9.24E-02	9.86E+00	7.27E-01	6.32E+00	4.61E-01	4.88E+00	3.48E-01	2.12E+00	1.85E-01	1.09E+00	1.05E-01	7.54E-01	5.84E-02	1.01E-01	6.99E-03	6.12E-10	4.31E-11
9.77E-01	1.29E-01	9.39E+00	6.21E-01	6.02E+00	3.97E-01	4.64E+00	2.95E-01	1.85E+00	1.73E-01	1.04E+00	1.09E-01	7.19E-01	6.10E-02	9.64E-02	6.11E-03	5.82E-10	3.64E-11
7.92E-01	1.53E-01	8.25E+00	5.59E-01	5.29E+00	3.59E-01	4.07E+00	2.67E-01	2.30E+00	1.98E-01	1.03E+00	1.22E-01	6.33E-01	6.18E-02	8.46E-02	5.34E-03	5.10E-10	3.30E-11
8.51E-01	1.34E-01	8.89E+00	7.16E-01	5.77E+00	4.48E-01	4.16E+00	3.27E-01	2.77E+00	2.86E-01	1.18E+00	1.47E-01	6.85E-01	7.54E-02	8.31E-02	6.38E-03	5.13E-10	3.93E-11
1.02E+00	9.44E-02	1.15E+01	1.17E+00	7.34E+00	7.49E-01	5.61E+00	5.42E-01	2.70E+00	3.62E-01	1.28E+00	1.75E-01	8.54E-01	9.97E-02	1.14E-01	1.08E-02	7.02E-10	6.61E-11
8.82E-01	1.06E-01	1.12E+01	1.50E+00	7.15E+00	9.66E-01	5.52E+00	7.10E-01	2.79E+00	4.10E-01	1.25E+00	1.89E-01	8.23E-01	1.14E-01	1.13E-01	1.43E-02	6.93E-10	8.79E-11
1.20E+00	1.04E-01	1.22E+01	1.47E+00	7.66E+00	9.51E-01	5.71E+00	7.01E-01	3.36E+00	3.91E-01	1.99E+00	1.77E-01	1.17E+00	1.08E-01	1.13E-01	1.42E-02	6.90E-10	8.71E-11
1.10E+00	7.98E-02	2.08E+01	1.40E+00	1.33E+01	9.03E-01	9.88E+00	6.78E-01	5.54E+00	3.31E-01	2.82E+00	1.62E-01	1.71E+00	1.03E-01	1.99E-01	1.37E-02	1.22E-09	8.46E-11
1.10E+00	8.74E-02	1.80E+01	1.30E+00	1.16E+01	8.30E-01	8.63E+00	6.38E-01	4.65E+00	2.63E-01	2.24E+00	1.43E-01	1.38E+00	9.63E-02	1.75E-01	1.30E-02	1.07E-09	7.99E-11
1.15E+00	1.08E-01	1.21E+01	1.11E+00	7.71E+00	7.23E-01	5.93E+00	5.15E-01	3.00E+00	3.41E-01	1.47E+00	1.61E-01	9.04E-01	9.36E-02	1.20E-01	1.05E-02	7.43E-10	6.37E-11
8.98E-01	9.90E-02	1.21E+01	1.56E+00	7.91E+00	1.02E+00	5.70E+00	7.35E-01	3.76E+00	4.65E-01	1.72E+00	1.96E-01	9.91E-01	1.16E-01	1.14E-01	1.49E-02	7.06E-10	9.11E-11
1.05E+00	6.32E-02	1.33E+01	1.95E+00	8.67E+00	1.27E+00	6.31E+00	9.28E-01	3.87E+00	5.31E-01	1.60E+00	2.34E-01	9.56E-01	1.43E-01	1.27E-01	1.89E-02	7.84E-10	1.15E-10
1.03E+00	5.41E-02	1.69E+01	1.88E+00	1.09E+01	1.22E+00	8.09E+00	9.07E-01	4.39E+00	4.52E-01	1.96E+00	2.18E-01	1.22E+00	1.39E-01	1.64E-01	1.85E-02	1.01E-09	1.13E-10
8.34E-01	5.08E-02	1.27E+01	1.07E+00	8.12E+00	6.88E-01	6.16E+00	5.20E-01	2.91E+00	2.43E-01	1.55E+00	1.22E-01	9.89E-01	8.00E-02	1.25E-01	1.06E-02	7.66E-10	6.49E-11
9.36E-01	6.12E-02	1.01E+01	6.59E-01	6.19E+00	4.15E-01	5.00E+00	3.11E-01	2.76E+00	1.81E-01	1.41E+00	9.58E-02	9.25E-01	5.66E-02	1.00E-01	6.23E-03	6.16E-10	3.82E-11
9.41E-01	6.39E-02	1.46E+01	9.31E-01	9.27E+00	5.89E-01	6.83E+00	4.36E-01	4.05E+00	2.55E-01	2.06E+00	1.34E-01	1.21E+00	7.93E-02	1.37E-01	8.68E-03	8.38E-10	5.33E-11
7.84E-01	6.45E-02	1.45E+01	9.72E-01	9.20E+00	6.12E-01	6.89E+00	4.58E-01	3.66E+00	2.51E-01	1.95E+00	1.38E-01	1.19E+00	8.30E-02	1.38E-01	9.13E-03	8.49E-10	5.62E-11
7.50E-01	5.98E-02	8.80E+00	7.92E-01	5.56E+00	4.96E-01	4.19E+00	3.72E-01	2.17E+00	2.08E-01	1.17E+00	1.16E-01	7.20E-01	6.92E-02	8.37E-02	7.35E-03	5.17E-10	4.54E-11
7.97E-01	7.65E-02	9.39E+00	7.28E-01	5.90E+00	4.66E-01	4.35E+00	3.41E-01	2.72E+00	1.92E-01	1.43E+00	1.16E-01	8.27E-01	6.89E-02	8.56E-02	7.18E-03	5.29E-10	4.16E-11
8.27E-01	8.69E-02	8.54E+00	8.38E-01	5.39E+00	5.20E-01	4.16E+00	3.86E-01	2.33E+00	2.42E-01	1.22E+00	1.37E-01	7.56E-01	7.89E-02	8.39E-02	7.52E-03	5.15E-10	4.65E-11
9.02E-01	8.88E-02	9.82E+00	8.81E-01	6.11E+00	5.48E-01	4.64E+00	4.10E-01	2.74E+00	2.44E-01	1.41E+00	1.38E-01	8.56E-01	7.99E-02	9.18E-02	8.06E-03	5.69E-10	4.98E-11
7.20E-01	8.46E-02	1.07E+01	1.02E+00	6.72E+00	6.42E-01	5.03E+00	4.73E-01	2.84E+00	2.97E-01	1.52E+00	1.55E-01	9.03E-01	8.98E-02	9.94E-02	9.31E-03	6.16E-10	5.76E-11
6.07E-01	6.04E-02	6.89E+00	8.77E-01	4.41E+00	5.51E-01	3.31E+00	4.12E-01	1.84E+00	2.33E-01	9.07E-01	1.26E-01	5.36E-01	7.52E-02	6.66E-02	8.15E-03	4.12E-10	5.05E-11
4.82E-01	5.45E-02	5.49E+00	5.44E-01	3.40E+00	3.42E-01	2.62E+00	2.52E-01	1.53E+00	1.56E-01	7.94E-01	8.58E-02	4.95E-01	4.97E-02	5.24E-02	5.04E-03	3.21E-10	3.06E-11
5.70E-01	5.77E-02	5.94E+00	6.10E-01	3.71E+00	3.76E-01	2.84E+00	2.84E-01	1.83E+00	1.62E-01	8.52E-01	9.58E-02	5.33E-01	5.65E-02	5.66E-02	5.53E-03	3.48E-10	3.44E-11
5.78E-01	5.33E-02	6.57E+00	7.00E-01	4.00E+00	4.35E-01	3.21E+00	3.29E-01	1.90E+00	1.89E-01	8.92E-01	1.02E-01	5.89E-01	6.13E-02	6.34E-02	6.45E-03	3.95E-10	4.02E-11
5.09E-01	6.12E-02	7.46E+00	8.05E-01	4.57E+00	5.11E-01	3.59E+00	3.79E-01	1.85E+00	2.19E-01	1.03E+00	1.11E-01	6.57E-01	6.59E-02	7.09E-02	7.55E-03	4.42E-10	4.66E-11
4.83E-01	6.84E-02	6.48E+00	7.43E-01	4.01E+00	4.73E-01	3.06E+00	3.52E-01	1.78E+00	1.95E-01	9.23E-01	9.82E-02	5.59E-01	5.94E-02	6.00E-02	7.10E-03	3.74E-10	4.35E-11
6.02E-01	7.43E-02	5.63E+00	5.59E-01	3.45E+00	3.56E-01	2.70E+00	2.64E-01	1.71E+00	1.46E-01	7.94E-01	8.37E-02	5.03E-01	4.75E-02	5.31E-02	5.38E-03	3.31E-10	3.26E-11
7.15E-01	7.79E-02	7.07E+00	5.16E-01	4.51E+00	3.24E-01	3.35E+00	2.37E-01	2.19E+00	1.47E-01	1.02E+00	8.98E-02	6.23E-01	5.08E-02	6.57E-02	4.71E-03	4.10E-10	2.88E-11
6.93E-01	7.79E-02	8.84E+00	6.37E-01	5.71E+00	4.01E-01	4.21E+00	2.95E-01	2.44E+00	1.76E-01	1.15E+00	9.60E-02	6.63E-01	5.62E-02	8.39E-02	5.87E-03	5.24E-10	3.59E-11
7.86E-01	7.61E-02	7.14E+00	6.87E-01	4.50E+00	4.34E-01	3.35E+00	3.21E-01	1.98E+00	1.83E-01	9.94E-01	1.02E-01	5.88E-01	6.08E-02	6.57E-02	6.40E-03	4.11E-10	3.92E-11
8.01E-01	7.62E-02	8.91E+00	7.19E-01	5.62E+00	4.57E-01	4.19E+00	3.34E-01	2.40E+00	1.96E-01	1.18E+00	1.12E-01	7.07E-01	6.60E-02	8.25E-02	6.75E-03	5.16E-10	4.07E-11
7.27E-01	7.70E-02	8.40E+00	8.47E-01	5.34E+00	5.41E-01	3.97E+00	3.96E-01	2.28E+00	2.52E-01	1.05E+00	1.28E-01	6.34E-01	7.59E-02	7.86E-02	8.03E-03	4.92E-10	4.83E-11
5.82E-01	7.37E-02	6.80E+00	8.72E-01	4.36E+00	5.60E-01	3.28E+00	4.09E-01	2.03E+00	3.20E-01	1.02E+00	1.28E-01	6.13E-01	7.62E-02	6.57E-02	8.34E-03	4.09E-10	5.01E-11
6.16E-01	5.98E-02	1.07E+01	8.78E-01	6.73E+00	5.81E-01	5.12E+00	3.96E-01	2.56E+00	3.23E-01	1.47E+00	1.27E-01	9.06E-01	6.84E-02	1.01E-01	8.01E-03	6.30E-10	4.84E-11
6.62E-01	7.00E-02	1.14E+01	7.56E-01	7.13E+00	4.99E-01	5.44E+00	3.51E-01	2.68E+00	2.35E-01	1.57E+00	1.13E-01	9.71E-01	6.67E-02	1.08E-01	7.19E-03	6.69E-10	4.33E-11
5.59E-01	6.79E-02	7.53E+00	7.04E-01	4.76E+00	4.50E-01	3.59E+00	3.32E-01	2.00E+00	1.77E-01	1.10E+00	1.01E-01	6.63E-01	6.11E-02	7.10E-02	6.82E-03	4.41E-10	4.07E-11
5.67E-01	5.56E-02	9.98E+00	8.12E-01	6.31E+00	5.17E-01	4.72E+00	3.84E-01	2.61E+00	2.00E-01	1.32E+00	1.12E-01	8.00E-01	6.85E-02	9.36E-02	7.80E-03	5.82E-10	4.73E-11
6.66E-01	5.43E-02	9.35E+00	8.90E-01	5.97E+00	5.65E-01	4.47E+00	4.22E-01	2.49E+00	2.19E-01	1.31E+00	1.22E-01	7.75E-01	7.45E-02	9.09E-02	8.49E-03	5.53E-10	5.19E-11
5.67E-01	5.95E-02	1.09E+01	8.40E-01	6.90E+00	5.33E-01	5.21E+00	3.98E-01	2.70E+00	2.14E-01	1.44E+00	1.19E-01	8.86E-01	7.21E-02	1.03E-01	7.95E-03	6.43E-10	4.88E-11
4.85E-01	6.58E-02	8.91E+00	8.67E-01	5.62E+00	5.41E-01	4.29E+00	4.05E-01	2.05E+00	2.32E-01	1.11E+00	1.25E-01	6.98E-01	7.42E-02	8.87E-02	7.94E-03	5.32E-10	4.95E-11
5.98E-01	7.75E-02	7.76E+00	9.99E-01	5.06E+00	6.23E-01	3.85E+00	4.63E-01	2.00E+00	2.76E-01	1.09E+00	1.47E-01	6.47E-01	8.57E-02	8.22E-02	9.08E-03	4.85E-10	5.66E-11
6.24E-01	8.71E-02	8.22E+00	1.10E+00	5.17E+00	6.82E-01	3.88E+00	5.08E-01	2.18E+00	3.03E-01	1.17E+00	1.62E-01	7.01E-01	9.46E-02	8.10E-02	9.95E-03	4.86E-10	6.20E-11
6.32E-01	9.77E-02	1.38E+01	1.12E+00	8.68E+00	7.00E-01	6.88E+00	5.17E-01	2.33E+00	3.31E-01	1.40E+00	1.72E-01	1.00E+00	9.84E-02	1.40E-01	1.06E-02	8.66E-10	6.50E-11
7.93E-01	7.17E-02	1.05E+01	8.69E-01	6.67E+00	5.42E-01	4.87E+00	4.19E-01	3.00E+00	2.23E-01	1.56E+00	1.19E-01	9.09E-01	7.61E-02	9.78E-02	8.45E-03	5.94E-10	5.16E-11
8.29E-01	6.97E-02	1.23E+01	9.17E-01	7.83E+00	5.72E-01	5.76E+00	4.45E-01	3.33E+00	2.14E-01	1.77E+00	1.24E-01	1.05E+00	8.09E-02	1.16E-01	9.01E-03	7.06E-10	5.49E-11
7.08E-01	7.59E-02	1.11E+01	9.01E-01	7.03E+00	5.61E-01	5.22E+00	4.39E-01	2.86E+00	2.15E-01	1.57E+00	1.22E-01	9.48E-01	8.01E-02	1.05E-01	8.90E-03	6.40E-10	5.41E-11
6.14E-01	8.34E-02	9.26E+00	8.36E-01	5.78E+00	5.19E-01	4.64E+00	4.04E-01	2.13E+00	2.43E-01	1.23E+00	1.35E-01	8.59E-01	7.75E-02	9.27E-02	8.23E-03	5.70E-10	4.98E-11
6.02E-01	9.20E-02	1.07E+01	8.57E-01	6.66E+00	5.35E-01	5.36E+00	3.94E-01	2.05E+00	2.51E-01	1.33E+00	1.37E-01	9.31E-01	7.83E-02	1.08E-01	7.73E-03	6.63E-10	4.77E-11
6.76E-01	9.82E-02	1.11E+01	8.77E-01	7.06E+00	5.52E-01	5.47E+00	4.11E-01	2.33E+00	2.39E-01	1.22E+00	1.29E-01	8.49E-01	7.59E-02	1.13E-01	8.14E-03	6.86E-10	5.02E-11
9.26E-01	9.50E-02	1.10E+01	8.13E-01	7.01E+00	5.15E-01	5.42E+00	3.86E-01	2.20E+00	2.08E-01	1.22E+00	1.11E-01	8.41E-01	6.73E-02	1.12E-01	7.69E-03	6.79E-10	4.75E-11
1.06E+00	9.77E-02	1.08E+01	6.94E-01	6.89E+00	4.40E-01	5.32E+00	3.33E-01	1.97E+00	1.87E-01	1.20E+00	1.10E-01	8.27E-01	6.12E-02	1.10E-01	6.68E-03	6.66E-10	4.12E-11
9.07E-01	1.43E-01	9.72E+00	5.76E-01	6.23E+00	3.73E-01	4.80E+00	2.74E-01	1.87E+00	1.64E-01	1.09E+00	1.11E-01	7.49E-01	6.29E-02	9.95E-02	5.74E-03	6.01E-10	3.39E-11
7.45E-01	1.56E-01	9.23E+00	6.25E-01	5.92E+00	3.90E-01	4.55E+00	2.84E-01	2.83E+00	2.52E-01	1.23E+00	1.40E-01	7.11E-01	6.79E-02	9.44E-02	5.69E-03	5.70E-10	3.53E-11
1.08E+00	1.25E-01	1.17E+01	1.02E+00	7.53E+00	6.45E-01	5.56E+00	4.58E-01	3.18E+00	3.64E-01	1.43E+00	1.78E-01	8.70E-01	9.64E-02	1.12E-01	8.89E-03	6.89E-10	5.47E-11
1.12E+00	1.12E-01	1.32E+01	1.56E+00	8.41E+00	1.00E+00	6.53E+00	7.33E-01	3.31E+00	4.43E-01	1.41E+00	2.08E-01	9.74E-01	1.23E-01	1.33E-01	1.47E-02	8.19E-10	9.03E-11
1.17E+00	1.16E-01	1.09E+01	1.59E+00	6.99E+00	1.03E+00	5.30E+00	7.56E-01	2.58E+00	4.29E-01	1.63E+00	1.94E-01	9.38E-01	1.18E-01	1.07E-01	1.53E-02	6.63E-10	9.39E-11
1.23E+00	9.65E-02	1.91E+01	1.45E+00	1.22E+01	9.39E-01	9.05E+00	6.99E-01	5.17E+00	3.66E-01	2.73E+00	1.71E-01	1.63E+00	1.07E-01	1.81E-01	1.41E-02	1.11E-09	8.70E-11
1.30E+00	8.70E-02	2.09E+01	1.49E+00	1.34E+01	9.55E-01	9.98E+00	7.29E-01	5.42E+00	3.10E-01	2.64E+00	1.66E-01	1.62E+00	1.10E-01	2.02E-01	1.48E-02	1.24E-09	9.12E-11
1.24E+00	1.11E-01	1.22E+01	1.09E+00	7.80E+00	7.08E-01	5.92E+00	5.13E-01	3.06E+00	3.38E-01	1.37E+00	1.59E-01	8.80E-01	9.20E-02	1.20E-01	1.05E-02	7.40E-10	6.43E-11
8.41E-01	1.04E-01	9.71E+00	1.38E+00	6.37E+00	9.05E-01	4.52E+00	6.45E-01	3.24E+00	4.27E-01	1.21E+00	1.77E-01	6.90E-01	1.03E-01	9.04E-02	1.31E-02	5.59E-10	7.98E-11
9.16E-01	6.92E-02	1.22E+01	1.89E+00	7.92E+00	1.23E+00	5.94E+00	8.99E-01	3.72E+00	5.31E-01	1.48E+00	2.30E-01	8.87E-01	1.39E-01	1.20E-01	1.82E-02	7.43E-10	1.12E-10
1.05E+00	5.62E-02	1.70E+01	1.98E+00	1.10E+01	1.28E+00	8.13E+00	9.53E-01	4.45E+00	4.77E-01	1.97E+00	2.29E-01	1.22E+00	1.46E-01	1.64E-01	1.94E-02	1.01E-09	1.19E-10
8.51E-01	5.38E-02	1.29E+01	1.12E+00	8.19E+00	7.18E-01	6.21E+00	5.44E-01	2.91E+00	2.45E-01	1.56E+00	1.28E-01	9.98E-01	8.36E-02	1.26E-01	1.11E-02	7.72E-10	6.80E-11
9.41E-01	6.33E-02	1.02E+01	6.61E-01	6.26E+00	4.16E-01	5.07E+00	3.12E-01	2.83E+00	1.96E-01	1.43E+00	1.02E-01	9.41E-01	5.70E-02	1.01E-01	6.22E-03	6.24E-10	3.82E-11
9.68E-01	6.66E-02	1.52E+01	9.95E-01	9.62E+00	6.29E-01	7.10E+00	4.66E-01	4.18E+00	2.70E-01	2.13E+00	1.42E-01	1.26E+00	8.43E-02	1.42E-01	9.29E-03	8.71E-10	5.71E-11
8.34E-01	6.87E-02	1.51E+01	1.02E+00	9.57E+00	6.43E-01	7.18E+00	4.82E-01	3.82E+00	2.64E-01	2.04E+00	1.45E-01	1.24E+00	8.75E-02	1.43E-01	9.58E-03	8.84E-10	5.91E-11
8.02E-01	6.29E-02	8.85E+00	8.02E-01	5.58E+00	5.02E-01	4.20E+00	3.76E-01	2.21E+00	2.13E-01	1.19E+00	1.19E-01	7.27E-01	7.06E-02	8.37E-02	7.42E-03	5.18E-10	4.59E-11
8.07E-01	7.96E-02	9.66E+00	7.48E-01	6.06E+00	4.78E-01	4.48E+00	3.50E-01	2.78E+00	1.98E-01	1.46E+00	1.20E-01	8.47E-01	7.08E-02	8.81E-02	7.33E-03	5.45E-10	4.27E-11
8.88E-01	8.99E-02	8.64E+00	8.60E-01	5.45E+00	5.32E-01	4.10E+00	3.96E-01	2.33E+00	2.47E-01	1.22E+00	1.41E-01	7.42E-01	8.11E-02	8.27E-02	7.71E-03	5.08E-10	4.77E-11
9.27E-01	9.60E-02	1.06E+01	9.35E-01	6.63E+00	5.81E-01	5.02E+00	4.36E-01	2.97E+00	2.71E-01	1.53E+00	1.51E-01	9.25E-01	8.64E-02	9.92E-02	8.57E-03	6.15E-10	5.30E-11

Scenario 2 Results

7.58E-01	8.82E-02	1.11E+01	1.09E+00	6.98E+00	6.85E-01	5.21E+00	5.06E-01	2.98E+00	3.16E-01	1.58E+00	1.64E-01	9.37E-01	9.51E-02	1.03E-01	9.94E-03	6.38E-10	6.16E-11
6.57E-01	6.25E-02	6.87E+00	8.97E-01	4.42E+00	5.64E-01	3.26E+00	4.23E-01	1.95E+00	2.36E-01	8.85E-01	1.29E-01	5.32E-01	7.70E-02	6.51E-02	8.35E-03	4.03E-10	5.18E-11
4.79E-01	5.97E-02	5.96E+00	5.77E-01	3.69E+00	3.62E-01	2.85E+00	2.67E-01	1.64E+00	1.65E-01	8.55E-01	8.99E-02	5.36E-01	5.21E-02	5.69E-02	5.31E-03	3.49E-10	3.25E-11
6.31E-01	6.11E-02	6.04E+00	6.78E-01	3.81E+00	4.19E-01	2.89E+00	3.17E-01	1.74E+00	1.76E-01	8.62E-01	1.05E-01	5.41E-01	6.20E-02	5.75E-02	6.18E-03	3.54E-10	3.85E-11
6.02E-01	6.14E-02	7.21E+00	7.69E-01	4.39E+00	4.81E-01	3.51E+00	3.62E-01	1.73E+00	2.19E-01	9.80E-01	1.13E-01	6.43E-01	6.64E-02	6.93E-02	7.11E-03	4.32E-10	4.44E-11
5.18E-01	6.89E-02	7.97E+00	8.81E-01	4.88E+00	5.58E-01	3.82E+00	4.16E-01	1.69E+00	2.36E-01	1.10E+00	1.17E-01	6.99E-01	7.04E-02	7.53E-02	8.24E-03	4.70E-10	5.13E-11
5.84E-01	7.44E-02	6.33E+00	7.33E-01	3.93E+00	4.64E-01	2.97E+00	3.46E-01	1.62E+00	1.91E-01	9.09E-01	9.57E-02	5.43E-01	5.79E-02	5.82E-02	6.91E-03	3.63E-10	4.28E-11
6.36E-01	7.87E-02	6.42E+00	5.32E-01	3.94E+00	3.31E-01	3.07E+00	2.49E-01	1.75E+00	1.42E-01	9.11E-01	8.73E-02	5.71E-01	4.96E-02	6.03E-02	4.91E-03	3.76E-10	3.03E-11
7.52E-01	8.22E-02	8.60E+00	5.92E-01	5.57E+00	3.72E-01	4.07E+00	2.72E-01	2.54E+00	1.68E-01	1.07E+00	9.29E-02	6.50E-01	5.25E-02	8.08E-02	5.39E-03	5.05E-10	3.31E-11
7.94E-01	8.29E-02	9.06E+00	7.05E-01	5.83E+00	4.44E-01	4.34E+00	3.28E-01	2.38E+00	1.93E-01	1.18E+00	1.05E-01	6.87E-01	6.19E-02	8.65E-02	6.50E-03	5.41E-10	4.00E-11
8.62E-01	8.24E-02	7.34E+00	7.30E-01	4.56E+00	4.61E-01	3.42E+00	3.43E-01	2.01E+00	1.92E-01	1.08E+00	1.08E-01	6.33E-01	6.44E-02	6.65E-02	6.81E-03	4.17E-10	4.19E-11
8.41E-01	8.22E-02	8.89E+00	7.99E-01	5.62E+00	5.07E-01	4.19E+00	3.72E-01	2.41E+00	2.17E-01	1.17E+00	1.25E-01	6.97E-01	7.33E-02	8.24E-02	7.48E-03	5.17E-10	4.53E-11
7.37E-01	8.19E-02	7.15E+00	8.77E-01	4.55E+00	5.59E-01	3.38E+00	4.10E-01	2.13E+00	2.80E-01	9.12E-01	1.32E-01	5.40E-01	7.84E-02	6.69E-02	8.29E-03	4.19E-10	5.00E-11
5.72E-01	7.61E-02	7.12E+00	8.61E-01	4.60E+00	5.53E-01	3.34E+00	4.04E-01	2.22E+00	3.46E-01	1.08E+00	1.28E-01	6.47E-01	7.49E-02	6.94E-02	8.22E-03	4.11E-10	4.95E-11
6.98E-01	7.07E-02	1.14E+01	8.91E-01	7.17E+00	5.91E-01	5.44E+00	4.04E-01	2.80E+00	3.27E-01	1.58E+00	1.27E-01	9.72E-01	6.88E-02	1.07E-01	8.16E-03	6.68E-10	4.94E-11
6.06E-01	8.06E-02	1.07E+01	7.50E-01	6.74E+00	4.93E-01	5.15E+00	3.51E-01	2.48E+00	2.22E-01	1.47E+00	1.23E-01	9.16E-01	7.04E-02	1.02E-01	7.19E-03	6.35E-10	4.33E-11
6.18E-01	6.87E-02	1.04E+01	8.30E-01	6.60E+00	5.32E-01	4.95E+00	3.92E-01	2.73E+00	2.07E-01	1.44E+00	1.18E-01	8.70E-01	7.19E-02	9.78E-02	8.08E-03	6.09E-10	4.82E-11
7.21E-01	5.76E-02	1.04E+01	9.08E-01	6.57E+00	5.78E-01	4.91E+00	4.30E-01	2.69E+00	2.25E-01	1.36E+00	1.26E-01	8.06E-01	7.68E-02	9.75E-02	8.72E-03	6.07E-10	5.29E-11
6.09E-01	6.28E-02	1.05E+01	8.71E-01	6.61E+00	5.53E-01	4.98E+00	4.12E-01	2.70E+00	2.21E-01	1.43E+00	1.22E-01	8.66E-01	7.43E-02	9.82E-02	8.27E-03	6.12E-10	5.06E-11
5.36E-01	7.05E-02	1.14E+01	9.10E-01	7.22E+00	5.67E-01	5.71E+00	4.25E-01	2.33E+00	2.44E-01	1.22E+00	1.32E-01	8.63E-01	7.80E-02	1.16E-01	8.32E-03	7.17E-10	5.20E-11
6.37E-01	8.41E-02	1.07E+01	1.07E+00	6.76E+00	6.68E-01	5.35E+00	4.97E-01	2.15E+00	2.97E-01	1.17E+00	1.58E-01	8.11E-01	9.22E-02	1.08E-01	9.73E-03	6.71E-10	6.07E-11
6.73E-01	9.44E-02	8.89E+00	1.19E+00	5.60E+00	7.40E-01	4.20E+00	5.51E-01	2.34E+00	3.28E-01	1.25E+00	1.75E-01	7.53E-01	1.02E-01	8.33E-02	1.08E-02	5.15E-10	6.72E-11
6.92E-01	1.07E-01	1.22E+01	1.22E+00	7.70E+00	7.65E-01	6.11E+00	5.63E-01	2.61E+00	3.62E-01	1.32E+00	1.87E-01	8.89E-01	1.08E-01	1.24E-01	1.10E-02	7.70E-10	6.84E-11
5.80E-01	1.05E-01	1.65E+01	1.36E+00	1.04E+01	8.55E-01	8.27E+00	6.33E-01	2.48E+00	3.86E-01	1.68E+00	2.00E-01	1.20E+00	1.17E-01	1.67E-01	1.24E-02	1.04E-09	7.73E-11
6.12E-01	7.60E-02	8.58E+00	8.39E-01	5.51E+00	5.29E-01	4.11E+00	4.02E-01	2.18E+00	2.25E-01	1.08E+00	1.13E-01	6.87E-01	7.06E-02	8.26E-02	7.98E-03	5.11E-10	4.96E-11
7.54E-01	7.39E-02	9.88E+00	8.47E-01	6.29E+00	5.28E-01	4.71E+00	4.09E-01	2.80E+00	2.20E-01	1.48E+00	1.19E-01	8.64E-01	7.50E-02	9.50E-02	8.22E-03	5.82E-10	5.03E-11
7.40E-01	7.35E-02	1.07E+01	8.90E-01	6.78E+00	5.55E-01	5.22E+00	4.32E-01	2.87E+00	2.24E-01	1.55E+00	1.28E-01	9.54E-01	7.93E-02	1.05E-01	8.71E-03	6.44E-10	5.31E-11
6.67E-01	8.43E-02	1.07E+01	9.22E-01	6.64E+00	5.94E-01	5.35E+00	4.43E-01	2.46E+00	2.37E-01	1.38E+00	1.33E-01	9.39E-01	8.06E-02	1.07E-01	8.91E-03	6.62E-10	5.51E-11
6.22E-01	8.85E-02	1.07E+01	8.29E-01	6.79E+00	5.28E-01	5.29E+00	4.10E-01	2.11E+00	2.41E-01	1.14E+00	1.37E-01	7.97E-01	7.79E-02	1.09E-01	8.42E-03	6.65E-10	5.13E-11
6.22E-01	9.77E-02	1.02E+01	8.60E-01	6.51E+00	5.48E-01	5.08E+00	4.25E-01	1.93E+00	2.42E-01	1.21E+00	1.33E-01	8.45E-01	7.62E-02	1.04E-01	8.75E-03	6.38E-10	5.33E-11
6.78E-01	9.97E-02	1.02E+01	8.40E-01	6.49E+00	5.28E-01	5.02E+00	3.95E-01	2.02E+00	2.24E-01	1.14E+00	1.22E-01	7.87E-01	7.26E-02	1.04E-01	7.81E-03	6.28E-10	4.82E-11
9.97E-01	9.75E-02	1.05E+01	8.13E-01	6.72E+00	5.15E-01	5.19E+00	3.87E-01	1.98E+00	2.05E-01	1.18E+00	1.09E-01	8.13E-01	6.69E-02	1.07E-01	7.72E-03	6.50E-10	4.77E-11
1.05E+00	1.17E-01	9.96E+00	6.38E-01	6.38E+00	4.16E-01	4.91E+00	3.04E-01	1.81E+00	1.79E-01	1.13E+00	1.12E-01	7.71E-01	6.27E-02	1.02E-01	6.31E-03	6.15E-10	3.76E-11
9.02E-01	1.63E-01	1.00E+01	6.56E-01	6.42E+00	4.20E-01	4.93E+00	3.11E-01	2.63E+00	2.02E-01	1.25E+00	1.28E-01	7.73E-01	7.17E-02	1.02E-01	6.22E-03	6.17E-10	3.86E-11
1.03E+00	1.60E-01	1.26E+01	9.56E-01	8.15E+00	5.99E-01	5.92E+00	4.37E-01	3.81E+00	3.48E-01	1.67E+00	1.74E-01	9.76E-01	8.94E-02	1.18E-01	8.55E-03	7.29E-10	5.27E-11
1.24E+00	1.17E-01	1.38E+01	1.42E+00	8.80E+00	9.08E-01	6.71E+00	6.57E-01	3.47E+00	4.46E-01	1.55E+00	2.11E-01	1.02E+00	1.20E-01	1.36E-01	1.30E-02	8.39E-10	8.01E-11
1.06E+00	1.24E-01	1.18E+01	1.63E+00	7.52E+00	1.05E+00	5.81E+00	7.74E-01	2.81E+00	4.48E-01	1.29E+00	2.07E-01	8.64E-01	1.25E-01	1.18E-01	1.55E-02	7.29E-10	9.58E-11
1.33E+00	1.16E-01	1.70E+01	1.63E+00	1.07E+01	1.05E+00	7.99E+00	7.79E-01	4.64E+00	4.25E-01	2.56E+00	1.94E-01	1.52E+00	1.20E-01	1.59E-01	1.57E-02	9.74E-10	9.69E-11
1.37E+00	9.25E-02	2.27E+01	1.62E+00	1.46E+01	1.04E+00	1.08E+01	7.86E-01	5.94E+00	3.61E-01	2.95E+00	1.83E-01	1.80E+00	1.19E-01	2.18E-01	1.59E-02	1.34E-09	9.81E-11
1.23E+00	1.10E-01	1.29E+01	1.12E+00	8.28E+00	7.16E-01	6.16E+00	5.52E-01	3.30E+00	3.13E-01	1.57E+00	1.47E-01	9.72E-01	8.48E-02	1.24E-01	1.12E-02	7.65E-10	6.91E-11
9.88E-01	1.14E-01	9.40E+00	1.34E+00	6.02E+00	8.78E-01	4.59E+00	6.23E-01	3.09E+00	4.27E-01	1.09E+00	1.75E-01	6.78E-01	1.00E-01	9.31E-02	1.26E-02	5.76E-10	7.69E-11
8.13E-01	7.75E-02	1.20E+01	1.85E+00	7.76E+00	1.21E+00	5.82E+00	8.75E-01	3.56E+00	5.36E-01	1.39E+00	2.27E-01	8.69E-01	1.36E-01	1.18E-01	1.77E-02	7.27E-10	1.09E-10
1.02E+00	5.85E-02	1.68E+01	2.06E+00	1.09E+01	1.33E+00	8.05E+00	9.92E-01	4.49E+00	5.01E-01	1.97E+00	2.39E-01	1.21E+00	1.51E-01	1.63E-01	2.01E-02	1.00E-09	1.24E-10
9.00E-01	5.66E-02	1.34E+01	1.20E+00	8.52E+00	7.73E-01	6.47E+00	5.87E-01	3.01E+00	2.54E-01	1.62E+00	1.37E-01	1.04E+00	9.00E-02	1.31E-01	1.20E-02	8.05E-10	7.34E-11
9.31E-01	6.49E-02	1.01E+01	6.71E-01	6.17E+00	4.22E-01	4.99E+00	3.22E-01	2.82E+00	2.06E-01	1.42E+00	1.06E-01	9.31E-01	5.93E-02	9.97E-02	6.42E-03	6.14E-10	3.98E-11
9.70E-01	6.78E-02	1.49E+01	1.01E+00	9.45E+00	6.41E-01	6.99E+00	4.76E-01	4.10E+00	2.73E-01	2.10E+00	1.45E-01	1.24E+00	8.61E-02	1.39E-01	9.48E-03	8.57E-10	5.84E-11
8.52E-01	7.11E-02	1.47E+01	1.02E+00	9.32E+00	6.39E-01	6.99E+00	4.79E-01	3.76E+00	2.64E-01	2.01E+00	1.46E-01	1.22E+00	8.77E-02	1.39E-01	9.51E-03	8.60E-10	5.87E-11
8.53E-01	6.53E-02	8.64E+00	7.98E-01	5.44E+00	4.98E-01	4.14E+00	3.73E-01	2.19E+00	2.14E-01	1.19E+00	1.20E-01	7.12E-01	7.08E-02	8.35E-02	7.35E-03	5.19E-10	4.55E-11
8.15E-01	8.33E-02	1.00E+01	7.83E-01	6.29E+00	4.97E-01	4.65E+00	3.66E-01	2.86E+00	2.08E-01	1.50E+00	1.25E-01	8.72E-01	7.37E-02	9.14E-02	7.57E-03	5.66E-10	4.46E-11
9.58E-01	9.40E-02	8.81E+00	8.99E-01	5.56E+00	5.56E-01	4.14E+00	4.14E-01	2.35E+00	2.57E-01	1.30E+00	1.47E-01	7.45E-01	8.48E-02	8.22E-02	8.05E-03	5.09E-10	4.99E-11
9.47E-01	1.04E-01	1.16E+01	1.02E+00	7.22E+00	6.33E-01	5.45E+00	4.68E-01	3.22E+00	3.04E-01	1.67E+00	1.66E-01	1.00E+00	9.46E-02	1.07E-01	9.19E-03	6.66E-10	5.69E-11
7.95E-01	9.20E-02	1.16E+01	1.17E+00	7.25E+00	7.37E-01	5.41E+00	5.44E-01	3.13E+00	3.38E-01	1.65E+00	1.75E-01	9.72E-01	1.01E-01	1.07E-01	1.07E-02	6.62E-10	6.64E-11
6.86E-01	6.56E-02	7.29E+00	8.89E-01	4.67E+00	5.57E-01	3.47E+00	4.19E-01	2.01E+00	2.30E-01	9.48E-01	1.28E-01	5.72E-01	7.67E-02	6.88E-02	8.27E-03	4.28E-10	5.13E-11
5.16E-01	6.45E-02	6.29E+00	6.06E-01	3.89E+00	3.80E-01	3.01E+00	2.81E-01	1.75E+00	1.72E-01	8.95E-01	9.68E-02	5.62E-01	5.61E-02	6.00E-02	5.56E-03	3.69E-10	3.42E-11
6.51E-01	6.21E-02	5.85E+00	7.28E-01	3.74E+00	4.49E-01	2.80E+00	3.41E-01	1.49E+00	1.84E-01	8.29E-01	1.10E-01	5.21E-01	6.57E-02	5.58E-02	6.66E-03	3.48E-10	4.15E-11
6.48E-01	6.78E-02	7.57E+00	8.60E-01	4.61E+00	5.43E-01	3.68E+00	4.03E-01	1.68E+00	2.41E-01	1.03E+00	1.22E-01	6.73E-01	7.15E-02	7.25E-02	7.91E-03	4.52E-10	4.94E-11
5.45E-01	7.49E-02	8.19E+00	9.11E-01	5.03E+00	5.77E-01	3.91E+00	4.31E-01	1.71E+00	2.41E-01	1.14E+00	1.19E-01	7.15E-01	7.16E-02	7.70E-02	8.52E-03	4.80E-10	5.32E-11
6.58E-01	7.97E-02	5.96E+00	6.99E-01	3.72E+00	4.41E-01	2.78E+00	3.30E-01	1.63E+00	1.83E-01	8.66E-01	9.14E-02	5.08E-01	5.52E-02	5.43E-02	6.54E-03	3.39E-10	4.07E-11
7.24E-01	8.44E-02	7.37E+00	5.53E-01	4.54E+00	3.44E-01	3.51E+00	2.58E-01	2.23E+00	1.56E-01	1.05E+00	9.31E-02	6.52E-01	5.31E-02	6.88E-02	5.03E-03	4.30E-10	3.14E-11
7.78E-01	8.89E-02	1.02E+01	6.92E-01	6.59E+00	4.34E-01	4.85E+00	3.20E-01	2.87E+00	1.95E-01	1.20E+00	1.04E-01	7.23E-01	6.05E-02	9.64E-02	6.31E-03	6.03E-10	3.89E-11
8.85E-01	8.95E-02	8.60E+00	7.77E-01	5.52E+00	4.89E-01	4.14E+00	3.63E-01	2.25E+00	2.10E-01	1.15E+00	1.15E-01	6.75E-01	6.80E-02	8.25E-02	7.19E-03	5.16E-10	4.43E-11
9.10E-01	8.79E-02	7.44E+00	7.50E-01	4.63E+00	4.72E-01	3.46E+00	3.51E-01	2.04E+00	2.05E-01	1.08E+00	1.19E-01	6.30E-01	6.98E-02	6.75E-02	6.96E-03	4.23E-10	4.29E-11
8.45E-01	8.60E-02	7.93E+00	8.81E-01	5.01E+00	5.57E-01	3.74E+00	4.11E-01	2.14E+00	2.37E-01	1.04E+00	1.36E-01	6.17E-01	8.03E-02	7.36E-02	8.23E-03	4.61E-10	5.00E-11
7.13E-01	8.42E-02	6.40E+00	9.00E-01	4.03E+00	5.74E-01	3.04E+00	4.21E-01	2.28E+00	3.05E-01	9.51E-01	1.35E-01	5.60E-01	8.01E-02	6.02E-02	8.50E-03	3.76E-10	5.14E-11
6.50E-01	7.76E-02	8.38E+00	8.49E-01	5.26E+00	5.57E-01	3.92E+00	3.99E-01	2.37E+00	3.74E-01	1.23E+00	1.32E-01	7.22E-01	7.33E-02	7.66E-02	8.11E-03	4.78E-10	4.89E-11
7.21E-01	8.73E-02	1.20E+01	9.35E-01	7.54E+00	6.20E-01	5.74E+00	4.26E-01	2.91E+00	3.37E-01	1.66E+00	1.30E-01	1.02E+00	7.11E-02	1.13E-01	8.60E-03	7.05E-10	5.22E-11
6.67E-01	8.35E-02	9.67E+00	8.23E-01	6.07E+00	5.34E-01	4.67E+00	3.88E-01	2.13E+00	2.34E-01	1.30E+00	1.28E-01	8.19E-01	7.39E-02	9.26E-02	8.21E-03	5.77E-10	4.76E-11
7.89E-01	6.23E-02	1.26E+01	9.71E-01	7.96E+00	6.23E-01	5.96E+00	4.60E-01	3.26E+00	2.42E-01	1.66E+00	1.38E-01	1.01E+00	8.41E-02	1.18E-01	9.49E-03	7.35E-10	5.66E-11
7.22E-01	6.85E-02	1.20E+01	9.54E-01	7.54E+00	6.07E-01	5.67E+00	4.52E-01	3.09E+00	2.42E-01	1.64E+00	1.35E-01	9.94E-01	8.19E-02	1.12E-01	9.14E-03	6.97E-10	5.54E-11
6.19E-01	7.46E-02	9.57E+00	9.60E-01	6.01E+00	5.97E-01	4.48E+00	4.48E-01	2.58E+00	2.57E-01	1.32E+00	1.40E-01	7.86E-01	8.25E-02	8.82E-02	8.76E-03	5.50E-10	5.47E-11
6.94E-01	9.02E-02	1.43E+01	1.13E+00	9.01E+00	7.03E-01	7.15E+00	5.23E-01	2.30E+00	3.15E-01	1.50E+00	1.68E-01	1.07E+00	9.74E-02	1.45E-01	1.02E-02	8.98E-10	6.38E-11
7.15E-01	1.02E-01	1.31E+01	1.30E+00	8.28E+00	8.06E-01	6.56E+00	6.01E-01	2.51E+00	3.57E-01	1.39E+00	1.91E-01	9.88E-01	1.11E-01	1.33E-01	1.18E-02	8.24E-10	7.33E-11
7.50E-01	1.14E-01	1.01E+01	1.32E+00	6.36E+00	8.21E-01	5.07E+00	6.13E-01	2.84E+00	3.82E-01	1.44E+00	1.99E-01	8.35E-01	1.14E-01	1.02E-01	1.20E-02	6.38E-10	7.47E-11
6.26E-01	1.14E-01	1.73E+01	1.49E+00	1.09E+01	9.34E-01	8.64E+00	6.93E-01	2.59E+00	4.21E-01	1.74E+00	2.18E-01	1.25E+00	1.27E-01	1.74E-01	1.36E-02	1.09E-09	8.46E-11
4.95E-01	9.61E-02	1.62E+01	1.38E+00	1.02E+01	8.62E-01	8.08E+00	6.43E-01	2.42E+00	3.73E-01	1.63E+00	1.95E-01	1.17E+00	1.15E-01	1.63E-01	1.26E-02	1.02E-09	7.87E-11
4.99E-01	8.31E-02	7.85E+00	1.02E+00	5.05E+00	6.49E-01	3.70E+00	4.91E-01	2.24E+00	2.45E-01	1.02E+00	1.27E-01	6.06E-01	8.00E-02	7.44E-02	9.82E-03	4.61E-10	6.08E-11
5.73E-01	7.95E-02	8.69E+00	8.53E-01	5.59E+00	5.38E-01	4.16E+00	4.08E-01	2.24E+00	2.28E-01	1.04E+00	1.17E-01	6.91E-01	7.12E-02	8.36E-02	8.10E-03	5.17E-10	5.04E-11
6.65E-01	7.92E-02	9.74E+00	8.29E-01	6.01E+00	5.16E-01	4.83E+00	3.99E-01	2.39E+00	2.32E-01	1.28E+00	1.27E-01	8.74E-01	7.43E-02	9.73E-02	8.00E-03	5.96E-10	4.89E-11
6.56E-01	8.02E-02	1.22E+01	8.90E-01	7.78E+00	5.55E-01	6.06E+00	4.31E-01	2.63E+00	2.43E-01	1.44E+00	1.37E-01	9.87E-01	7.96E-02	1.24E-01	8.67E-03	7.61E-10	5.29E-11
6.80E-01	9.02E-02	1.46E+01	9.09E-01	9.32E+00	5.85E-01	7.28E+00	4.47E-01	2.44E+00	2.37E-01	1.55E+00	1.36E-01	1.09E+00	7.80E-02	1.49E-01	9.15E-03	9.15E-10	5.59E-11
7.12E-01	9.09E-02	1.38E+01	8.97E-01	8.80E+00	5.71E-01	6.87E+00	4.44E-01	2.27E+00	2.30E-01	1.46E+00	1.33E-01	1.03E+00	7.57E-02	1.41E-01	9.11E-03	8.63E-10	5.56E-11
7.00E-01	1.04E-01	1.09E+01	8.47E-01	6.93E+00	5.28E-01	5.40E+00	4.02E-01	1.83E+00	2.35E-01	1.16E+00	1.30E-01	8.09E-01	7.61E-02	1.11E-01	8.25E-03	6.78E-10	5.03E-11
7.52E-01	1.05E-01	8.56E+00	8.68E-01	5.47E+00	5.47E-01	4.21E+00	4.09E-01	1.91E+00	2.30E-01	9.86E-01	1.24E-01	6.73E-01	7.43E-02	8.70E-02	8.09E-03	5.26E-10	5.00E-11
1.06E+00	1.02E-01	8.77E+00	7.89E-01	5.61E+00	4.99E-01	4.31E+00	3.76E-01	1.92E+00	2.00E-01	1.01E+00	1.12E-01	6.83E-01	6.45E-02	8.89E-02	7.50E-03	5.38E-10	4.64E-11
1.14E+00	1.48E-01	9.71E+00	7.57E-01	6.23E+00	4.83E-01	4.76E+00	3.57E-01	2.17E+00	2.16E-01	1.20E+00	1.33E-01	7.51E-01	7.48E-02	9.84E-02	7.27E-03	5.95E-10	4.42E-11
9.14E-01	1.78E-01	1.06E+01	7.72E-01	6.78E+00	4.95E-01	5.09E+00	3.68E-01	3.59E+00	2.84E-01	1.60E+00	1.57E-01	8.92E-01	8.28E-02	1.03E-01	7.36E-03	6.36E-10	4.57E-11
1.16E+00	1.44E-01	1.28E+01	1.08E+00	8.24E+00	6.81E-01	6.09E+00	4.80E-01	3.47E+00	4.00E-01	1.58E+00	1.94E-01	9.62E-01	1.04E-01	1.22E-01	9.34E-03	7.55E-10	5.77E-11
1.07E+00	1.28E-01	1.29E+01	1.56E+00	8.19E+00	9.99E-01	6.34E+00	7.31E-01	3.05E+00	4.51E-01	1.39E+00	2.12E-01	9.47E-01	1.25E-01	1.29E-01	1.46E-02	7.95E-10	8.99E-11
1.33E+00	1.30E-01	1.30E+01	1.65E+00	8.06E+00	1.07E+00	6.02E+00	7.87E-01	3.59E+00	4.42E-01	2.13E+00	2.02E-01	1.24E+00	1.23E-01	1.18E-01	1.58E-02	7.27E-10	9.77E-11
1.19E+00	9.91E-02	2.22E+01	1.58E+00	1.42E+01	1.02E+00	1.05E+01	7.64E-01	5.91E+00	3.81E-01	3.01E+00	1.85E-01	1.82E+00	1.16E-01	2.11E-01	1.54E-02	1.30E-09	9.52E-11
1.20E+00	1.05E-01	1.54E+01	1.21E+00	9.91E+00	7.72E-01	7.37E+00	5.92E-01	3.99E+00	2.96E-01	1.92E+00	1.46E-01	1.18E+00	8.97E-02	1.48E-01	1.20E-02	9.14E-10	7.41E-11
1.15E+00	1.21E-01	9.97E+00	1.27E+00	6.41E+00	8.31E-01	4.86E+00	5.87E-01	2.98E+00	4.15E-01	1.13E+00	1.69E-01	7.17E-01	9.56E-02	9.84E-02	1.19E-02	6.10E-10	7.23E-11
8.32E-01	9.07E-02	1.22E+01	1.86E+00	7.87E+00	1.21E+00	5.86E+00	8.74E-01	3.48E+00	5.57E-01	1.43E+00	2.31E-01	8.76E-01	1.36E-01	1.18E-01	1.77E-02	7.30E-10	1.08E-10
9.56E-01	6.08E-02	1.65E+01	2.13E+00	1.07E+01	1.37E+00	7.85E+00	1.02E+00	4.52E+00	5.27E-01	1.94E+00	2.48E-01	1.18E+00	1.56E-01	1.58E-01	2.08E-02	9.77E-10	1.28E-10
9.27E-01	5.88E-02	1.40E+01	1.31E+00	8.88E+00	8.40E-01	6.74E+00	6.39E-01	3.13E+00	2.75E-01	1.69E+00	1.48E-01	1.08E+00	9.76E-02	1.36E-01	1.30E-02	8.38E-10	7.99E-11

Scenario 2 Results

9.22E-01	6.70E-02	9.91E+00	7.19E-01	6.07E+00	4.52E-01	4.92E+00	3.45E-01	2.76E+00	2.13E-01	1.40E+00	1.10E-01	9.21E-01	6.15E-02	9.80E-02	6.87E-03	6.05E-10	4.26E-11
9.68E-01	6.89E-02	1.44E+01	1.02E+00	9.10E+00	6.44E-01	6.74E+00	4.79E-01	3.97E+00	2.74E-01	2.04E+00	1.46E-01	1.21E+00	8.69E-02	1.34E-01	9.53E-03	8.26E-10	5.87E-11
8.62E-01	7.31E-02	1.41E+01	9.97E-01	8.87E+00	6.24E-01	6.65E+00	4.68E-01	3.64E+00	2.60E-01	1.94E+00	1.45E-01	1.17E+00	8.67E-02	1.32E-01	9.26E-03	8.17E-10	5.73E-11
9.23E-01	6.91E-02	9.03E+00	8.24E-01	5.74E+00	5.14E-01	4.44E+00	3.84E-01	2.37E+00	2.22E-01	1.29E+00	1.24E-01	7.19E-01	7.34E-02	8.96E-02	7.55E-03	5.57E-10	4.68E-11
8.44E-01	8.74E-02	1.04E+01	8.29E-01	6.52E+00	5.22E-01	4.83E+00	3.87E-01	2.95E+00	2.21E-01	1.54E+00	1.31E-01	8.99E-01	7.71E-02	9.49E-02	7.88E-03	5.89E-10	4.71E-11
1.02E+00	9.74E-02	8.86E+00	9.33E-01	5.60E+00	5.76E-01	4.21E+00	4.29E-01	2.44E+00	2.66E-01	1.43E+00	1.53E-01	8.11E-01	8.80E-02	8.40E-02	8.35E-03	5.21E-10	5.18E-11
9.06E-01	1.07E-01	1.17E+01	1.06E+00	7.31E+00	6.57E-01	5.51E+00	4.84E-01	3.25E+00	3.16E-01	1.70E+00	1.71E-01	1.02E+00	9.76E-02	1.08E-01	9.43E-03	6.73E-10	5.85E-11
7.80E-01	9.14E-02	1.11E+01	1.18E+00	6.97E+00	7.42E-01	5.20E+00	5.49E-01	3.03E+00	3.37E-01	1.59E+00	1.75E-01	9.39E-01	1.02E-01	1.02E-01	1.08E-02	6.37E-10	6.70E-11
6.86E-01	6.73E-02	7.50E+00	8.45E-01	4.80E+00	5.28E-01	3.58E+00	3.99E-01	2.00E+00	2.16E-01	9.84E-01	1.22E-01	5.98E-01	7.37E-02	7.10E-02	7.86E-03	4.42E-10	4.88E-11
6.38E-01	6.92E-02	6.55E+00	6.71E-01	4.13E+00	4.11E-01	3.14E+00	3.11E-01	1.85E+00	1.79E-01	9.10E-01	1.09E-01	5.72E-01	6.37E-02	6.18E-02	6.03E-03	3.86E-10	3.76E-11
6.57E-01	6.58E-02	5.92E+00	7.85E-01	3.76E+00	4.84E-01	2.86E+00	3.69E-01	1.51E+00	2.02E-01	8.24E-01	1.16E-01	5.27E-01	6.98E-02	5.66E-02	7.21E-03	3.54E-10	4.50E-11
6.48E-01	7.27E-02	7.91E+00	9.40E-01	4.82E+00	5.94E-01	3.83E+00	4.42E-01	1.80E+00	2.58E-01	1.08E+00	1.28E-01	7.00E-01	7.60E-02	7.54E-02	8.70E-03	4.71E-10	5.44E-11
6.01E-01	7.99E-02	8.25E+00	9.09E-01	5.08E+00	5.75E-01	3.93E+00	4.30E-01	1.82E+00	2.39E-01	1.16E+00	1.17E-01	7.16E-01	7.08E-02	7.71E-02	8.49E-03	4.81E-10	5.31E-11
6.80E-01	8.45E-02	6.30E+00	6.52E-01	3.89E+00	4.11E-01	3.03E+00	3.08E-01	1.73E+00	1.72E-01	8.90E-01	9.26E-02	5.64E-01	5.51E-02	5.94E-02	6.06E-03	3.71E-10	3.79E-11
7.98E-01	9.07E-02	8.64E+00	6.33E-01	5.61E+00	3.96E-01	4.06E+00	2.90E-01	2.68E+00	1.83E-01	1.18E+00	1.01E-01	7.21E-01	5.76E-02	8.05E-02	5.72E-03	5.04E-10	3.53E-11
8.63E-01	9.53E-02	1.04E+01	7.80E-01	6.73E+00	4.90E-01	4.98E+00	3.62E-01	2.85E+00	2.17E-01	1.24E+00	1.16E-01	7.41E-01	6.80E-02	9.91E-02	7.14E-03	6.20E-10	4.42E-11
9.45E-01	9.63E-02	7.59E+00	8.37E-01	4.86E+00	5.27E-01	3.65E+00	3.94E-01	2.08E+00	2.21E-01	1.06E+00	1.22E-01	6.27E-01	7.32E-02	7.29E-02	7.77E-03	4.56E-10	4.81E-11
9.14E-01	9.16E-02	7.02E+00	8.73E-01	4.37E+00	5.49E-01	3.27E+00	4.06E-01	1.93E+00	2.37E-01	1.01E+00	1.37E-01	5.88E-01	8.05E-02	6.37E-02	8.07E-03	4.00E-10	4.93E-11
8.06E-01	8.63E-02	6.15E+00	9.43E-01	3.88E+00	5.97E-01	2.90E+00	4.40E-01	1.95E+00	2.53E-01	9.00E-01	1.45E-01	5.28E-01	8.55E-02	5.70E-02	8.82E-03	3.58E-10	5.36E-11
6.57E-01	8.34E-02	7.00E+00	9.16E-01	4.40E+00	5.84E-01	3.32E+00	4.29E-01	2.38E+00	3.22E-01	9.91E-01	1.36E-01	5.90E-01	8.06E-02	6.55E-02	8.66E-03	4.09E-10	5.25E-11
7.78E-01	8.69E-02	9.74E+00	8.34E-01	6.11E+00	5.61E-01	4.55E+00	3.82E-01	2.75E+00	3.85E-01	1.44E+00	1.31E-01	8.45E-01	6.94E-02	8.89E-02	7.76E-03	5.54E-10	4.68E-11
6.78E-01	9.53E-02	1.19E+01	9.56E-01	7.51E+00	6.34E-01	5.73E+00	4.38E-01	2.84E+00	3.39E-01	1.64E+00	1.30E-01	1.01E+00	7.21E-02	1.13E-01	8.85E-03	7.05E-10	5.37E-11
7.31E-01	7.65E-02	1.02E+01	9.45E-01	6.48E+00	6.14E-01	4.86E+00	4.46E-01	2.73E+00	2.40E-01	1.46E+00	1.41E-01	8.78E-01	8.48E-02	9.56E-02	9.46E-03	5.95E-10	5.48E-11
8.57E-01	7.34E-02	1.31E+01	1.06E+00	8.29E+00	6.83E-01	6.21E+00	5.04E-01	3.44E+00	2.68E-01	1.84E+00	1.53E-01	1.10E+00	9.28E-02	1.23E-01	1.04E-02	7.67E-10	6.19E-11
7.50E-01	8.14E-02	1.15E+01	1.09E+00	7.27E+00	6.81E-01	5.50E+00	5.12E-01	2.91E+00	2.89E-01	1.52E+00	1.58E-01	9.33E-01	9.37E-02	1.09E-01	1.00E-02	6.79E-10	6.26E-11
7.96E-01	1.00E-01	1.08E+01	1.23E+00	6.79E+00	7.65E-01	5.39E+00	5.69E-01	2.70E+00	3.45E-01	1.40E+00	1.84E-01	8.22E-01	1.07E-01	1.09E-01	1.11E-02	6.78E-10	6.93E-11
7.48E-01	1.12E-01	1.71E+01	1.41E+00	1.08E+01	8.79E-01	8.57E+00	6.55E-01	2.70E+00	3.90E-01	1.77E+00	2.08E-01	1.27E+00	1.22E-01	1.73E-01	1.28E-02	1.08E-09	7.99E-11
8.05E-01	1.22E-01	1.40E+01	1.45E+00	8.82E+00	8.99E-01	7.01E+00	6.72E-01	3.08E+00	4.03E-01	1.58E+00	2.13E-01	1.05E+00	1.25E-01	1.41E-01	1.31E-02	8.80E-10	8.19E-11
6.83E-01	1.25E-01	1.72E+01	1.63E+00	1.08E+01	1.02E+00	8.62E+00	7.55E-01	2.87E+00	4.58E-01	1.73E+00	2.38E-01	1.25E+00	1.39E-01	1.73E-01	1.48E-02	1.09E-09	9.22E-11
5.65E-01	1.05E-01	2.03E+01	1.51E+00	1.28E+01	9.43E-01	1.02E+01	7.04E-01	3.05E+00	4.08E-01	2.05E+00	2.14E-01	1.47E+00	1.26E-01	2.04E-01	1.38E-02	1.28E-09	8.62E-11
5.00E-01	9.91E-02	1.27E+01	1.19E+00	7.99E+00	7.44E-01	6.36E+00	5.57E-01	2.04E+00	3.15E-01	1.28E+00	1.74E-01	9.22E-01	1.02E-01	1.28E-01	1.10E-02	8.01E-10	6.83E-11
5.13E-01	8.25E-02	8.26E+00	1.21E+00	5.23E+00	7.71E-01	3.93E+00	5.80E-01	2.16E+00	3.22E-01	1.06E+00	1.53E-01	6.50E-01	9.48E-02	7.84E-02	1.16E-02	4.85E-10	7.17E-11
5.41E-01	8.69E-02	8.10E+00	1.05E+00	5.23E+00	6.64E-01	3.88E+00	5.03E-01	2.28E+00	2.51E-01	1.01E+00	1.30E-01	5.96E-01	8.17E-02	7.81E-02	1.01E-02	4.83E-10	6.23E-11
5.83E-01	8.45E-02	1.09E+01	8.85E-01	6.91E+00	5.58E-01	5.37E+00	4.23E-01	2.35E+00	2.36E-01	1.18E+00	1.22E-01	8.14E-01	7.16E-02	1.10E-01	8.40E-03	6.74E-10	5.23E-11
7.64E-01	8.38E-02	1.48E+01	8.26E-01	9.42E+00	5.27E-01	7.35E+00	3.92E-01	3.29E+00	2.38E-01	1.71E+00	1.32E-01	1.10E+00	7.46E-02	1.50E-01	8.01E-03	9.23E-10	4.91E-11
7.12E-01	8.43E-02	1.69E+01	9.06E-01	1.08E+01	5.76E-01	8.42E+00	4.48E-01	3.22E+00	2.39E-01	1.80E+00	1.36E-01	1.26E+00	7.88E-02	1.72E-01	9.16E-03	1.06E-09	5.61E-11
6.85E-01	9.33E-02	1.58E+01	8.78E-01	1.00E+01	5.58E-01	7.83E+00	4.33E-01	2.65E+00	2.31E-01	1.68E+00	1.33E-01	1.17E+00	7.57E-02	1.60E-01	8.86E-03	9.83E-10	5.42E-11
8.43E-01	9.41E-02	1.25E+01	7.76E-01	7.94E+00	5.00E-01	6.16E+00	3.76E-01	2.19E+00	2.26E-01	1.34E+00	1.33E-01	9.25E-01	7.50E-02	1.26E-01	7.68E-03	7.73E-10	4.69E-11
7.94E-01	1.10E-01	8.77E+00	8.55E-01	5.62E+00	5.33E-01	4.31E+00	3.99E-01	1.75E+00	2.30E-01	9.65E-01	1.30E-01	6.52E-01	7.65E-02	8.83E-02	7.84E-03	5.40E-10	4.85E-11
9.07E-01	1.14E-01	8.37E+00	9.44E-01	5.32E+00	5.95E-01	4.15E+00	4.46E-01	2.07E+00	2.47E-01	1.03E+00	1.33E-01	6.90E-01	7.98E-02	8.49E-02	8.83E-03	5.20E-10	5.46E-11
1.25E+00	1.19E-01	8.70E+00	9.02E-01	5.58E+00	5.71E-01	4.22E+00	4.32E-01	2.43E+00	2.45E-01	1.08E+00	1.35E-01	6.94E-01	7.57E-02	8.51E-02	8.62E-03	5.27E-10	5.34E-11
1.10E+00	1.72E-01	9.03E+00	7.91E-01	5.85E+00	5.06E-01	4.34E+00	3.73E-01	2.83E+00	2.23E-01	1.41E+00	1.44E-01	7.44E-01	8.15E-02	8.79E-02	7.41E-03	5.41E-10	4.60E-11
9.49E-01	1.68E-01	1.11E+01	8.19E-01	7.12E+00	5.10E-01	5.17E+00	3.72E-01	3.40E+00	3.31E-01	1.52E+00	1.71E-01	8.82E-01	8.59E-02	1.03E-01	7.20E-03	6.35E-10	4.45E-11
1.16E+00	1.31E-01	1.29E+01	1.38E+00	8.27E+00	8.75E-01	6.28E+00	6.32E-01	3.19E+00	4.42E-01	1.48E+00	2.10E-01	9.62E-01	1.18E-01	1.27E-01	1.24E-02	7.83E-10	7.67E-11
1.26E+00	1.45E-01	1.27E+01	1.83E+00	8.06E+00	1.18E+00	6.23E+00	8.68E-01	3.01E+00	5.02E-01	1.74E+00	2.31E-01	1.00E+00	1.39E-01	1.26E-01	1.74E-02	7.82E-10	1.07E-10
1.37E+00	1.23E-01	2.19E+01	1.85E+00	1.39E+01	1.19E+00	1.03E+01	8.90E-01	5.86E+00	4.69E-01	3.07E+00	2.18E-01	1.84E+00	1.36E-01	2.06E-01	1.79E-02	1.27E-09	1.11E-10
1.33E+00	1.03E-01	1.93E+01	1.45E+00	1.24E+01	9.27E-01	9.20E+00	7.06E-01	5.00E+00	3.17E-01	2.44E+00	1.65E-01	1.50E+00	1.07E-01	1.85E-01	1.43E-02	1.14E-09	8.83E-11
1.28E+00	1.27E-01	1.06E+01	1.22E+00	6.80E+00	8.01E-01	5.20E+00	5.64E-01	2.88E+00	4.06E-01	1.22E+00	1.67E-01	7.69E-01	9.38E-02	1.05E-01	1.14E-02	6.50E-10	6.94E-11
9.67E-01	1.06E-01	1.18E+01	1.81E+00	7.67E+00	1.19E+00	5.67E+00	8.50E-01	3.48E+00	5.68E-01	1.40E+00	2.29E-01	8.52E-01	1.33E-01	1.14E-01	1.71E-02	7.06E-10	1.05E-10
9.74E-01	6.62E-02	1.60E+01	2.21E+00	1.04E+01	1.43E+00	7.57E+00	1.06E+00	4.59E+00	5.63E-01	1.90E+00	2.60E-01	1.14E+00	1.62E-01	1.52E-01	2.15E-02	9.40E-10	1.32E-10
9.65E-01	6.10E-02	1.50E+01	1.51E+00	9.58E+00	9.68E-01	7.31E+00	7.37E-01	3.39E+00	3.18E-01	1.83E+00	1.70E-01	1.17E+00	1.12E-01	1.48E-01	1.50E-02	9.14E-10	9.22E-11
9.25E-01	7.05E-02	1.02E+01	8.08E-01	6.56E+00	5.09E-01	5.03E+00	3.89E-01	2.70E+00	2.22E-01	1.38E+00	1.14E-01	9.41E-01	6.52E-02	1.00E-01	7.73E-03	6.18E-10	4.80E-11
9.83E-01	7.11E-02	1.39E+01	1.04E+00	8.80E+00	6.54E-01	6.51E+00	4.87E-01	3.88E+00	2.79E-01	2.00E+00	1.49E-01	1.18E+00	8.85E-02	1.29E-01	9.66E-03	7.96E-10	5.96E-11
8.93E-01	7.64E-02	1.38E+01	1.00E+00	8.68E+00	6.26E-01	6.50E+00	4.70E-01	3.62E+00	2.63E-01	1.93E+00	1.47E-01	1.16E+00	8.78E-02	1.29E-01	9.27E-03	7.97E-10	5.74E-11
9.73E-01	7.15E-02	9.12E+00	8.17E-01	5.80E+00	5.09E-01	4.49E+00	3.81E-01	2.50E+00	2.23E-01	1.36E+00	1.25E-01	7.55E-01	7.34E-02	9.04E-02	7.46E-03	5.63E-10	4.63E-11
8.72E-01	9.20E-02	1.08E+01	8.83E-01	6.76E+00	5.52E-01	5.01E+00	4.12E-01	3.03E+00	2.36E-01	1.58E+00	1.38E-01	9.26E-01	8.12E-02	9.85E-02	8.24E-03	6.12E-10	5.01E-11
1.05E+00	9.88E-02	9.00E+00	9.45E-01	5.61E+00	5.84E-01	4.22E+00	4.35E-01	2.54E+00	2.68E-01	1.52E+00	1.55E-01	8.69E-01	8.92E-02	8.41E-02	8.46E-03	5.22E-10	5.25E-11
8.78E-01	1.08E-01	1.17E+01	1.08E+00	7.29E+00	6.73E-01	5.48E+00	4.96E-01	3.22E+00	3.25E-01	1.71E+00	1.74E-01	1.01E+00	9.92E-02	1.08E-01	9.64E-03	6.70E-10	5.99E-11
7.51E-01	8.71E-02	1.00E+01	1.12E+00	6.27E+00	7.05E-01	4.68E+00	5.23E-01	2.73E+00	3.16E-01	1.44E+00	1.66E-01	8.51E-01	9.74E-02	9.20E-02	1.03E-02	5.72E-10	6.38E-11
6.35E-01	7.00E-02	7.12E+00	7.41E-01	4.54E+00	4.63E-01	3.42E+00	3.49E-01	1.84E+00	2.08E-01	9.57E-01	1.16E-01	5.84E-01	6.74E-02	6.76E-02	6.86E-03	4.21E-10	4.26E-11
7.16E-01	7.04E-02	6.73E+00	7.36E-01	4.25E+00	4.51E-01	3.25E+00	3.43E-01	1.87E+00	1.87E-01	9.14E-01	1.16E-01	5.90E-01	6.87E-02	6.43E-02	6.67E-03	3.99E-10	4.16E-11
7.27E-01	7.15E-02	6.31E+00	8.30E-01	3.89E+00	5.13E-01	3.08E+00	3.91E-01	1.55E+00	2.33E-01	8.55E-01	1.20E-01	5.67E-01	7.27E-02	6.07E-02	7.66E-03	3.80E-10	4.78E-11
5.93E-01	7.64E-02	8.25E+00	1.00E+00	5.04E+00	6.33E-01	3.98E+00	4.72E-01	1.85E+00	2.70E-01	1.13E+00	1.32E-01	7.28E-01	7.92E-02	7.84E-02	9.30E-03	4.90E-10	5.82E-11
6.64E-01	8.33E-02	7.93E+00	8.66E-01	4.89E+00	5.47E-01	3.75E+00	4.09E-01	1.85E+00	2.27E-01	1.12E+00	1.12E-01	6.84E-01	6.74E-02	7.35E-02	8.08E-03	4.60E-10	5.06E-11
7.02E-01	9.01E-02	7.46E+00	6.51E-01	4.58E+00	4.04E-01	3.57E+00	3.04E-01	1.95E+00	1.72E-01	1.06E+00	1.01E-01	6.64E-01	5.76E-02	6.99E-02	5.93E-03	4.37E-10	3.71E-11
8.13E-01	9.67E-02	9.52E+00	7.25E-01	6.17E+00	4.54E-01	4.49E+00	3.34E-01	2.86E+00	2.08E-01	1.20E+00	1.09E-01	7.30E-01	6.29E-02	8.91E-02	6.56E-03	5.57E-10	4.07E-11
9.28E-01	1.02E-01	9.71E+00	8.55E-01	6.25E+00	5.37E-01	4.65E+00	4.00E-01	2.59E+00	2.33E-01	1.20E+00	1.26E-01	6.98E-01	7.43E-02	9.24E-02	7.87E-03	5.78E-10	4.88E-11
9.50E-01	1.01E-01	7.64E+00	8.51E-01	4.79E+00	5.36E-01	3.64E+00	4.03E-01	1.94E+00	2.29E-01	1.10E+00	1.32E-01	6.69E-01	7.71E-02	7.12E-02	7.94E-03	4.45E-10	4.92E-11
8.60E-01	9.15E-02	6.45E+00	9.75E-01	4.07E+00	6.13E-01	3.05E+00	4.54E-01	1.72E+00	2.63E-01	9.22E-01	1.52E-01	5.38E-01	8.93E-02	5.99E-02	9.02E-03	3.75E-10	5.51E-11
7.24E-01	8.36E-02	7.08E+00	9.95E-01	4.37E+00	6.30E-01	3.36E+00	4.65E-01	2.01E+00	2.66E-01	1.00E+00	1.51E-01	6.16E-01	8.92E-02	6.57E-02	9.31E-03	4.11E-10	5.67E-11
7.16E-01	8.06E-02	7.58E+00	9.26E-01	4.76E+00	5.92E-01	3.58E+00	4.35E-01	2.38E+00	3.35E-01	1.05E+00	1.34E-01	6.31E-01	8.03E-02	7.05E-02	8.79E-03	4.40E-10	5.33E-11
8.68E-01	1.06E-01	1.14E+01	8.26E-01	7.18E+00	5.59E-01	5.36E+00	3.59E-01	3.16E+00	3.92E-01	1.66E+00	1.28E-01	9.88E-01	6.53E-02	1.05E-01	7.31E-03	6.54E-10	4.41E-11
7.30E-01	9.59E-02	1.21E+01	1.00E+00	7.59E+00	6.64E-01	5.82E+00	4.62E-01	2.76E+00	3.46E-01	1.62E+00	1.38E-01	1.01E+00	7.97E-02	1.15E-01	9.34E-03	7.18E-10	5.68E-11
8.82E-01	7.34E-02	1.23E+01	1.06E+00	7.75E+00	6.88E-01	5.80E+00	5.01E-01	3.25E+00	2.71E-01	1.68E+00	1.57E-01	1.01E+00	9.49E-02	1.14E-01	1.06E-02	7.13E-10	6.14E-11
8.27E-01	8.94E-02	1.48E+01	1.25E+00	9.32E+00	7.79E-01	7.05E+00	5.88E-01	3.69E+00	3.24E-01	1.98E+00	1.79E-01	1.21E+00	1.07E-01	1.39E-01	1.15E-02	8.68E-10	7.19E-11
9.19E-01	1.11E-01	1.25E+01	1.32E+00	7.84E+00	8.22E-01	5.85E+00	6.11E-01	3.33E+00	3.74E-01	1.69E+00	2.00E-01	1.00E+00	1.16E-01	1.15E-01	1.19E-02	7.19E-10	7.43E-11
7.98E-01	1.25E-01	1.42E+01	1.58E+00	8.91E+00	9.81E-01	7.08E+00	7.31E-01	3.05E+00	4.36E-01	1.64E+00	2.33E-01	1.03E+00	1.36E-01	1.43E-01	1.43E-02	8.91E-10	8.92E-11
8.19E-01	1.25E-01	1.72E+01	1.51E+00	1.08E+01	9.40E-01	8.58E+00	7.02E-01	3.03E+00	4.14E-01	1.76E+00	2.23E-01	1.26E+00	1.30E-01	1.73E-01	1.37E-02	1.08E-09	8.57E-11
6.75E-01	1.26E-01	1.23E+01	1.58E+00	7.68E+00	9.88E-01	6.13E+00	7.35E-01	2.77E+00	4.45E-01	1.47E+00	2.35E-01	8.90E-01	1.37E-01	1.23E-01	1.43E-02	7.71E-10	8.96E-11
6.16E-01	1.10E-01	2.09E+01	1.56E+00	1.31E+01	9.75E-01	1.04E+01	7.28E-01	3.13E+00	4.23E-01	2.10E+00	2.22E-01	1.51E+00	1.31E-01	2.10E-01	1.43E-02	1.31E-09	8.91E-11
5.82E-01	1.11E-01	1.75E+01	1.24E+00	1.09E+01	7.75E-01	8.73E+00	5.80E-01	2.62E+00	3.33E-01	1.76E+00	1.78E-01	1.26E+00	1.04E-01	1.75E-01	1.14E-02	1.10E-09	7.11E-11
6.77E-01	1.19E-01	8.77E+00	1.31E+00	5.44E+00	8.16E-01	4.33E+00	6.08E-01	2.18E+00	3.69E-01	9.62E-01	1.99E-01	6.69E-01	1.16E-01	8.69E-02	1.18E-02	5.43E-10	7.39E-11
6.28E-01	8.03E-02	9.00E+00	1.37E+00	5.69E+00	8.71E-01	4.23E+00	6.45E-01	2.44E+00	3.83E-01	1.23E+00	1.85E-01	7.32E-01	1.10E-01	8.38E-02	1.27E-02	5.19E-10	7.93E-11
5.40E-01	8.55E-02	8.91E+00	1.26E+00	5.65E+00	8.03E-01	4.39E+00	6.04E-01	2.31E+00	3.35E-01	1.11E+00	1.59E-01	6.86E-01	9.84E-02	8.93E-02	1.20E-02	5.49E-10	7.48E-11
6.18E-01	9.16E-02	1.31E+01	1.08E+00	8.34E+00	6.86E-01	6.50E+00	5.20E-01	2.34E+00	2.60E-01	1.42E+00	1.34E-01	9.84E-01	8.43E-02	1.33E-01	1.04E-02	8.15E-10	6.45E-11
8.15E-01	8.94E-02	1.66E+01	9.03E-01	1.05E+01	5.69E-01	8.22E+00	4.31E-01	3.01E+00	2.41E-01	1.78E+00	1.26E-01	1.24E+00	7.31E-02	1.68E-01	8.55E-03	1.03E-09	5.32E-11
9.11E-01	8.77E-02	1.76E+01	8.79E-01	1.12E+01	5.59E-01	8.72E+00	4.33E-01	3.90E+00	2.42E-01	2.04E+00	1.35E-01	1.31E+00	7.63E-02	1.78E-01	8.83E-03	1.09E-09	5.42E-11
7.39E-01	8.66E-02	1.55E+01	8.90E-01	9.85E+00	5.67E-01	7.64E+00	4.22E-01	3.37E+00	2.34E-01	1.87E+00	1.34E-01	1.16E+00	7.76E-02	1.56E-01	8.50E-03	9.58E-10	5.18E-11
7.66E-01	9.67E-02	1.25E+01	8.22E-01	7.98E+00	5.24E-01	6.12E+00	3.89E-01	2.44E+00	2.33E-01	1.38E+00	1.33E-01	9.25E-01	7.64E-02	1.25E-01	7.85E-03	7.67E-10	4.79E-11
9.66E-01	1.04E-01	9.64E+00	8.04E-01	6.20E+00	5.17E-01	4.69E+00	3.75E-01	2.11E+00	2.29E-01	1.11E+00	1.34E-01	7.15E-01	7.55E-02	9.56E-02	7.63E-03	5.86E-10	4.57E-11
1.03E+00	1.29E-01	9.09E+00	1.03E+00	5.78E+00	6.47E-01	4.50E+00	4.84E-01	2.16E+00	2.78E-01	1.10E+00	1.54E-01	7.67E-01	9.09E-02	9.17E-02	9.52E-03	5.65E-10	5.90E-11
1.15E+00	1.29E-01	9.66E+00	1.08E+00	6.01E+00	6.85E-01	4.83E+00	5.14E-01	2.46E+00	2.78E-01	1.18E+00	1.49E-01	8.24E-01	9.02E-02	9.70E-02	1.02E-02	5.99E-10	6.32E-11
1.26E+00	1.42E-01	8.54E+00	8.29E-01	5.52E+00	5.30E-01	4.10E+00	3.92E-01	2.30E+00	2.37E-01	1.20E+00	1.41E-01	7.09E-01	7.94E-02	8.43E-02	7.99E-03	5.08E-10	4.85E-11
9.99E-01	1.79E-01	9.16E+00	7.47E-01	5.92E+00	4.78E-01	4.41E+00	3.53E-01	3.16E+00	2.56E-01	1.47E+00	1.52E-01	8.07E-01	8.37E-02	8.91E-02	7.02E-03	5.49E-10	4.36E-11
1.19E+00	1.57E-01	1.37E+01	1.13E+00	8.82E+00	7.08E-01	6.53E+00	5.02E-01	3.73E+00	4.26E-01	1.71E+00	2.06E-01	1.04E+00	1.10E-01	1.31E-01	9.79E-03	8.09E-10	6.06E-11

Scenario 2 Results

1.35E+00	1.58E-01	1.62E+01	1.94E+00	1.04E+01	1.24E+00	7.73E+00	9.13E-01	4.24E+00	5.58E-01	2.04E+00	2.59E-01	1.17E+00	1.53E-01	1.55E-01	1.82E-02	9.63E-10	1.12E-10
1.48E+00	1.47E-01	1.90E+01	2.02E+00	1.20E+01	1.30E+00	8.93E+00	9.64E-01	5.18E+00	5.29E-01	2.84E+00	2.43E-01	1.68E+00	1.49E-01	1.77E-01	1.94E-02	1.09E-09	1.20E-10
1.74E+00	1.05E-01	2.37E+01	1.86E+00	1.51E+01	1.19E+00	1.13E+01	9.02E-01	6.14E+00	4.24E-01	3.05E+00	2.16E-01	1.87E+00	1.36E-01	2.26E-01	1.82E-02	1.40E-09	1.13E-10
1.50E+00	1.34E-01	1.23E+01	1.28E+00	7.93E+00	8.37E-01	5.96E+00	5.91E-01	3.18E+00	4.20E-01	1.57E+00	1.79E-01	8.87E-01	1.01E-01	1.20E-01	1.19E-02	7.44E-10	7.27E-11
1.21E+00	1.25E-01	1.14E+01	1.77E+00	7.41E+00	1.16E+00	5.38E+00	8.22E-01	3.53E+00	5.78E-01	1.37E+00	2.28E-01	8.14E-01	1.30E-01	1.08E-01	1.66E-02	6.68E-10	1.02E-10
1.01E+00	7.46E-02	1.50E+01	2.27E+00	9.79E+00	1.47E+00	7.11E+00	1.08E+00	4.61E+00	6.01E-01	1.83E+00	2.70E-01	1.07E+00	1.66E-01	1.43E-01	2.19E-02	8.84E-10	1.35E-10
9.15E-01	6.16E-02	1.62E+01	1.72E+00	1.04E+01	1.10E+00	7.89E+00	8.38E-01	3.59E+00	3.66E-01	1.92E+00	1.94E-01	1.22E+00	1.27E-01	1.59E-01	1.70E-02	9.87E-10	1.05E-10
9.12E-01	7.33E-02	1.08E+01	8.89E-01	6.97E+00	5.61E-01	5.19E+00	4.27E-01	2.81E+00	2.23E-01	1.37E+00	1.16E-01	9.37E-01	7.12E-02	1.04E-01	8.50E-03	6.47E-10	5.29E-11
1.01E+00	7.40E-02	1.35E+01	1.06E+00	8.51E+00	6.69E-01	6.29E+00	4.98E-01	3.82E+00	2.87E-01	1.97E+00	1.53E-01	1.15E+00	9.08E-02	1.24E-01	9.87E-03	7.68E-10	6.10E-11
9.32E-01	7.96E-02	1.35E+01	1.00E+00	8.48E+00	6.27E-01	6.34E+00	4.71E-01	3.61E+00	2.66E-01	1.92E+00	1.49E-01	1.14E+00	8.88E-02	1.25E-01	9.26E-03	7.76E-10	5.74E-11
1.02E+00	7.44E-02	9.27E+00	8.24E-01	5.89E+00	5.12E-01	4.56E+00	3.83E-01	2.61E+00	2.27E-01	1.42E+00	1.27E-01	7.88E-01	7.45E-02	9.18E-02	7.49E-03	5.71E-10	4.65E-11
8.92E-01	9.56E-02	1.09E+01	9.20E-01	6.87E+00	5.72E-01	5.10E+00	4.29E-01	3.07E+00	2.47E-01	1.60E+00	1.43E-01	9.38E-01	8.41E-02	1.00E-01	8.45E-03	6.23E-10	5.21E-11
1.07E+00	1.02E-01	9.71E+00	9.79E-01	5.96E+00	6.04E-01	4.46E+00	4.51E-01	2.75E+00	2.76E-01	1.62E+00	1.59E-01	9.29E-01	9.22E-02	8.63E-02	8.76E-03	5.36E-10	5.45E-11
8.86E-01	1.07E-01	1.14E+01	1.08E+00	7.13E+00	6.74E-01	5.35E+00	4.96E-01	3.11E+00	3.27E-01	1.69E+00	1.74E-01	9.96E-01	9.89E-02	1.05E-01	9.65E-03	6.53E-10	6.00E-11
7.67E-01	8.33E-02	8.73E+00	1.04E+00	5.45E+00	6.49E-01	4.07E+00	4.84E-01	2.36E+00	2.87E-01	1.27E+00	1.54E-01	7.47E-01	9.07E-02	7.99E-02	9.49E-03	4.98E-10	5.90E-11
6.60E-01	7.35E-02	6.86E+00	7.52E-01	4.36E+00	4.69E-01	3.31E+00	3.49E-01	1.87E+00	2.12E-01	9.42E-01	1.16E-01	5.71E-01	6.73E-02	6.53E-02	6.84E-03	4.07E-10	4.24E-11
7.33E-01	7.11E-02	7.05E+00	7.92E-01	4.34E+00	4.85E-01	3.41E+00	3.72E-01	1.87E+00	1.93E-01	9.48E-01	1.21E-01	6.10E-01	7.27E-02	6.73E-02	7.23E-03	4.19E-10	4.52E-11
7.37E-01	7.50E-02	6.81E+00	9.09E-01	4.14E+00	5.73E-01	3.32E+00	4.24E-01	1.77E+00	2.62E-01	9.25E-01	1.30E-01	6.09E-01	7.60E-02	6.54E-02	8.30E-03	4.09E-10	5.19E-11
5.60E-01	8.04E-02	8.67E+00	1.04E+00	5.30E+00	6.60E-01	4.17E+00	4.93E-01	1.82E+00	2.77E-01	1.20E+00	1.35E-01	7.61E-01	8.12E-02	8.20E-02	9.72E-03	5.12E-10	6.09E-11
7.02E-01	8.79E-02	7.51E+00	8.18E-01	4.65E+00	5.16E-01	3.53E+00	3.86E-01	1.89E+00	2.15E-01	1.07E+00	1.06E-01	6.43E-01	6.41E-02	6.90E-02	7.62E-03	4.32E-10	4.77E-11
7.76E-01	9.65E-02	8.47E+00	6.58E-01	5.21E+00	4.09E-01	4.03E+00	3.07E-01	2.33E+00	1.91E-01	1.21E+00	1.10E-01	7.49E-01	6.32E-02	7.89E-02	5.98E-03	4.94E-10	3.74E-11
8.59E-01	1.05E-01	1.01E+01	8.27E-01	6.52E+00	5.18E-01	4.78E+00	3.84E-01	2.93E+00	2.33E-01	1.19E+00	1.23E-01	7.15E-01	7.16E-02	9.48E-02	7.53E-03	5.94E-10	4.67E-11
9.47E-01	1.08E-01	8.50E+00	9.08E-01	5.46E+00	5.71E-01	4.07E+00	4.27E-01	2.22E+00	2.41E-01	1.13E+00	1.32E-01	6.76E-01	7.89E-02	8.11E-02	8.41E-03	5.08E-10	5.22E-11
8.92E-01	1.02E-01	7.21E+00	9.71E-01	4.55E+00	6.08E-01	3.42E+00	4.51E-01	1.86E+00	2.65E-01	1.02E+00	1.53E-01	6.27E-01	8.94E-02	6.75E-02	8.91E-03	4.22E-10	5.48E-11
7.57E-01	8.98E-02	6.98E+00	1.06E+00	4.30E+00	6.67E-01	3.32E+00	4.94E-01	1.69E+00	2.84E-01	1.00E+00	1.63E-01	6.17E-01	9.62E-02	6.49E-02	9.83E-03	4.06E-10	6.01E-11
6.51E-01	7.86E-02	7.51E+00	1.03E+00	4.66E+00	6.56E-01	3.57E+00	4.84E-01	2.06E+00	2.75E-01	1.11E+00	1.53E-01	6.51E-01	9.11E-02	7.00E-02	9.71E-03	4.38E-10	5.91E-11
9.15E-01	1.05E-01	7.99E+00	8.99E-01	5.01E+00	5.75E-01	3.69E+00	4.23E-01	2.77E+00	3.37E-01	1.31E+00	1.28E-01	7.23E-01	7.68E-02	7.45E-02	8.57E-03	4.52E-10	5.20E-11
8.46E-01	1.13E-01	1.21E+01	7.84E-01	7.65E+00	5.34E-01	5.74E+00	3.39E-01	3.25E+00	3.82E-01	1.74E+00	1.34E-01	1.04E+00	7.01E-02	1.13E-01	7.37E-03	7.03E-10	4.12E-11
7.50E-01	8.38E-02	1.03E+01	9.62E-01	6.48E+00	6.36E-01	4.98E+00	4.45E-01	2.30E+00	3.20E-01	1.35E+00	1.45E-01	8.54E-01	8.62E-02	9.94E-02	9.47E-03	6.23E-10	5.49E-11
9.30E-01	9.02E-02	1.38E+01	1.17E+00	8.70E+00	7.38E-01	6.51E+00	5.48E-01	3.62E+00	3.08E-01	1.86E+00	1.71E-01	1.10E+00	1.02E-01	1.29E-01	1.13E-02	8.02E-10	6.69E-11
9.94E-01	1.18E-01	1.35E+01	1.47E+00	8.53E+00	9.12E-01	6.48E+00	6.88E-01	3.67E+00	3.81E-01	1.91E+00	2.08E-01	1.13E+00	1.24E-01	1.28E-01	1.35E-02	8.00E-10	8.42E-11
9.43E-01	1.39E-01	1.33E+01	1.72E+00	8.30E+00	1.07E+00	6.23E+00	7.96E-01	3.53E+00	4.80E-01	1.89E+00	2.56E-01	1.13E+00	1.48E-01	1.22E-01	1.55E-02	7.62E-10	9.70E-11
9.08E-01	1.35E-01	1.57E+01	1.72E+00	9.89E+00	1.07E+00	7.86E+00	8.01E-01	3.25E+00	4.71E-01	1.71E+00	2.53E-01	1.14E+00	1.48E-01	1.59E-01	1.56E-02	9.90E-10	9.77E-11
6.64E-01	1.28E-01	1.39E+01	1.56E+00	8.76E+00	9.69E-01	6.97E+00	7.21E-01	2.61E+00	4.36E-01	1.42E+00	2.33E-01	1.02E+00	1.35E-01	1.41E-01	1.41E-02	8.77E-10	8.79E-11
6.15E-01	1.08E-01	1.32E+01	1.41E+00	8.28E+00	8.80E-01	6.61E+00	6.58E-01	2.17E+00	3.83E-01	1.33E+00	2.05E-01	9.55E-01	1.21E-01	1.33E-01	1.29E-02	8.32E-10	8.04E-11
7.29E-01	1.15E-01	1.57E+01	1.16E+00	9.82E+00	7.21E-01	7.83E+00	5.39E-01	2.46E+00	3.36E-01	1.57E+00	1.78E-01	1.13E+00	1.00E-01	1.57E-01	1.06E-02	9.86E-10	6.60E-11
8.70E-01	1.17E-01	1.01E+01	1.34E+00	6.34E+00	8.35E-01	5.06E+00	6.21E-01	2.79E+00	3.85E-01	1.07E+00	2.05E-01	7.31E-01	1.19E-01	1.02E-01	1.21E-02	6.37E-10	7.54E-11
7.46E-01	1.59E-01	8.51E+00	1.66E+00	5.32E+00	1.02E+00	3.94E+00	7.55E-01	2.41E+00	4.76E-01	1.18E+00	2.57E-01	6.88E-01	1.46E-01	7.73E-02	1.47E-02	4.82E-10	9.15E-11
6.59E-01	1.05E-01	8.68E+00	1.43E+00	5.50E+00	9.00E-01	4.19E+00	6.69E-01	2.35E+00	4.01E-01	1.09E+00	2.06E-01	7.12E-01	1.21E-01	8.37E-02	1.31E-02	5.20E-10	8.17E-11
6.70E-01	8.46E-02	9.95E+00	1.42E+00	6.31E+00	8.99E-01	4.90E+00	6.66E-01	2.61E+00	3.95E-01	1.30E+00	1.91E-01	7.74E-01	1.13E-01	9.97E-02	1.31E-02	6.14E-10	8.19E-11
5.72E-01	8.85E-02	1.44E+01	1.31E+00	9.11E+00	8.31E-01	7.10E+00	6.25E-01	2.51E+00	3.48E-01	1.56E+00	1.64E-01	1.08E+00	1.02E-01	1.45E-01	1.25E-02	8.90E-10	7.74E-11
6.83E-01	9.68E-02	1.70E+01	1.11E+00	1.08E+01	7.04E-01	8.40E+00	5.34E-01	2.99E+00	2.71E-01	1.84E+00	1.37E-01	1.27E+00	8.63E-02	1.71E-01	1.07E-02	1.05E-09	6.62E-11
9.63E-01	9.53E-02	1.66E+01	9.21E-01	1.06E+01	5.81E-01	8.20E+00	4.40E-01	3.45E+00	2.44E-01	1.82E+00	1.31E-01	1.24E+00	7.47E-02	1.67E-01	8.71E-03	1.03E-09	5.43E-11
9.73E-01	9.05E-02	1.55E+01	9.19E-01	9.91E+00	5.85E-01	7.32E+00	4.31E-01	4.16E+00	2.53E-01	2.18E+00	1.35E-01	1.31E+00	7.91E-02	1.47E-01	8.65E-03	8.99E-10	5.27E-11
7.29E-01	9.12E-02	1.44E+01	9.15E-01	9.17E+00	5.82E-01	6.89E+00	4.34E-01	3.45E+00	2.42E-01	1.92E+00	1.39E-01	1.19E+00	8.06E-02	1.39E-01	8.74E-03	8.50E-10	5.33E-11
8.16E-01	1.03E-01	9.89E+00	8.70E-01	6.40E+00	5.55E-01	4.78E+00	4.05E-01	2.54E+00	2.47E-01	1.25E+00	1.40E-01	8.55E-01	8.04E-02	9.60E-02	8.16E-03	5.90E-10	4.92E-11
1.21E+00	1.25E-01	9.75E+00	9.76E-01	6.29E+00	6.19E-01	4.67E+00	4.53E-01	2.45E+00	2.72E-01	1.25E+00	1.57E-01	8.14E-01	8.89E-02	9.48E-02	9.13E-03	5.82E-10	5.50E-11
1.21E+00	1.46E-01	1.03E+01	1.19E+00	6.55E+00	7.43E-01	5.12E+00	5.56E-01	2.56E+00	3.17E-01	1.27E+00	1.72E-01	8.87E-01	1.03E-01	1.04E-01	1.10E-02	6.43E-10	6.80E-11
1.28E+00	1.31E-01	8.80E+00	1.03E+00	5.58E+00	6.50E-01	4.38E+00	4.90E-01	2.41E+00	2.64E-01	1.19E+00	1.45E-01	7.55E-01	8.51E-02	8.92E-02	9.72E-03	5.48E-10	6.03E-11
1.20E+00	1.70E-01	8.89E+00	8.37E-01	5.72E+00	5.33E-01	4.29E+00	3.93E-01	2.56E+00	2.38E-01	1.36E+00	1.51E-01	7.39E-01	8.54E-02	8.68E-02	8.04E-03	5.35E-10	4.84E-11
1.09E+00	1.91E-01	1.40E+01	9.89E-01	8.97E+00	6.17E-01	6.53E+00	4.48E-01	4.28E+00	3.78E-01	1.92E+00	1.94E-01	1.11E+00	1.01E-01	1.29E-01	8.68E-03	8.01E-10	5.39E-11
1.52E+00	1.66E-01	1.94E+01	1.77E+00	1.24E+01	1.12E+00	9.39E+00	8.28E-01	4.56E+00	5.59E-01	2.22E+00	2.61E-01	1.42E+00	1.53E-01	1.88E-01	1.63E-02	1.17E-09	1.01E-10
1.50E+00	1.72E-01	1.78E+01	2.16E+00	1.11E+01	1.39E+00	8.26E+00	1.03E+00	4.93E+00	5.86E-01	2.62E+00	2.69E-01	1.53E+00	1.63E-01	1.61E-01	2.05E-02	1.01E-09	1.27E-10
1.71E+00	1.27E-01	2.52E+01	2.03E+00	1.61E+01	1.31E+00	1.20E+01	9.80E-01	6.63E+00	4.96E-01	3.37E+00	2.36E-01	2.04E+00	1.49E-01	2.39E-01	1.97E-02	1.48E-09	1.22E-10
1.52E+00	1.30E-01	1.47E+01	1.39E+00	9.39E+00	8.88E-01	7.02E+00	6.81E-01	3.72E+00	4.07E-01	1.80E+00	1.85E-01	1.12E+00	1.04E-01	1.41E-01	1.38E-02	8.71E-10	8.51E-11
1.40E+00	1.41E-01	1.11E+01	1.68E+00	7.13E+00	1.10E+00	5.37E+00	7.75E-01	3.52E+00	5.73E-01	1.32E+00	2.22E-01	8.16E-01	1.24E-01	1.08E-01	1.56E-02	6.70E-10	9.55E-11
1.00E+00	9.10E-02	1.39E+01	2.28E+00	9.06E+00	1.48E+00	6.75E+00	1.08E+00	4.52E+00	6.36E-01	1.69E+00	2.75E-01	9.97E-01	1.67E-01	1.36E-01	2.19E-02	8.46E-10	1.35E-10
9.82E-01	6.72E-02	1.68E+01	1.89E+00	1.08E+01	1.21E+00	8.15E+00	9.21E-01	3.79E+00	4.11E-01	1.94E+00	2.14E-01	1.22E+00	1.40E-01	1.65E-01	1.87E-02	1.02E-09	1.15E-10
9.27E-01	7.49E-02	1.10E+01	9.34E-01	7.02E+00	5.90E-01	5.33E+00	4.48E-01	2.94E+00	2.21E-01	1.32E+00	1.18E-01	8.85E-01	7.42E-02	1.07E-01	8.91E-03	6.65E-10	5.54E-11
1.03E+00	7.68E-02	1.29E+01	1.08E+00	8.09E+00	6.80E-01	5.97E+00	5.06E-01	3.71E+00	2.94E-01	1.91E+00	1.56E-01	1.11E+00	9.26E-02	1.18E-01	1.00E-02	7.28E-10	6.19E-11
1.01E+00	8.53E-02	1.40E+01	1.07E+00	8.79E+00	6.64E-01	6.56E+00	4.99E-01	3.80E+00	2.82E-01	2.01E+00	1.59E-01	1.19E+00	9.43E-02	1.29E-01	9.80E-03	8.02E-10	6.08E-11
1.09E+00	8.05E-02	1.02E+01	8.89E-01	6.47E+00	5.53E-01	5.00E+00	4.13E-01	2.80E+00	2.45E-01	1.52E+00	1.37E-01	8.44E-01	8.03E-02	1.01E-01	8.07E-03	6.27E-10	5.02E-11
9.40E-01	1.04E-01	1.17E+01	1.01E+00	7.36E+00	6.27E-01	5.48E+00	4.71E-01	3.27E+00	2.71E-01	1.70E+00	1.56E-01	1.00E+00	9.20E-02	1.08E-01	9.21E-03	6.69E-10	5.72E-11
1.11E+00	1.08E-01	1.09E+01	1.07E+00	6.69E+00	6.58E-01	4.99E+00	4.92E-01	3.07E+00	2.99E-01	1.76E+00	1.72E-01	1.01E+00	9.97E-02	9.70E-02	9.56E-03	6.03E-10	5.94E-11
9.35E-01	1.11E-01	1.18E+01	1.14E+00	7.34E+00	7.07E-01	5.50E+00	5.20E-01	3.19E+00	3.45E-01	1.75E+00	1.81E-01	1.03E+00	1.03E-01	1.08E-01	1.01E-02	6.71E-10	6.29E-11
7.91E-01	8.64E-02	8.10E+00	1.00E+00	5.06E+00	6.27E-01	3.80E+00	4.70E-01	2.26E+00	2.73E-01	1.18E+00	1.50E-01	7.03E-01	8.84E-02	7.48E-02	9.20E-03	4.64E-10	5.73E-11
7.33E-01	7.72E-02	6.84E+00	7.70E-01	4.23E+00	4.80E-01	3.33E+00	3.58E-01	1.99E+00	2.17E-01	9.81E-01	1.17E-01	6.07E-01	6.82E-02	6.56E-02	6.99E-03	4.09E-10	4.35E-11
7.64E-01	7.75E-02	7.48E+00	8.64E-01	4.59E+00	5.29E-01	3.63E+00	4.07E-01	1.90E+00	2.05E-01	9.98E-01	1.29E-01	6.52E-01	7.80E-02	7.17E-02	7.93E-03	4.47E-10	4.95E-11
7.43E-01	7.98E-02	7.53E+00	1.04E+00	4.58E+00	6.56E-01	3.66E+00	4.86E-01	1.99E+00	2.92E-01	1.03E+00	1.43E-01	6.71E-01	8.40E-02	7.20E-02	9.55E-03	4.51E-10	5.98E-11
6.37E-01	8.57E-02	9.05E+00	1.06E+00	5.55E+00	6.69E-01	4.33E+00	5.00E-01	1.87E+00	2.79E-01	1.26E+00	1.35E-01	7.90E-01	8.18E-02	8.50E-02	9.88E-03	5.32E-10	6.19E-11
7.09E-01	9.41E-02	7.03E+00	7.61E-01	4.49E+00	4.79E-01	3.34E+00	3.59E-01	1.89E+00	2.00E-01	9.94E-01	1.08E-01	6.19E-01	6.46E-02	6.95E-02	7.07E-03	4.15E-10	4.43E-11
8.07E-01	1.05E-01	9.12E+00	7.62E-01	5.62E+00	4.75E-01	4.33E+00	3.50E-01	2.62E+00	2.21E-01	1.30E+00	1.21E-01	8.00E-01	6.97E-02	8.46E-02	6.85E-03	5.29E-10	4.25E-11
9.15E-01	1.13E-01	9.94E+00	9.16E-01	6.41E+00	5.75E-01	4.73E+00	4.28E-01	2.79E+00	2.53E-01	1.18E+00	1.35E-01	7.07E-01	7.92E-02	9.39E-02	8.39E-03	5.88E-10	5.22E-11
9.22E-01	1.12E-01	8.26E+00	9.11E-01	5.18E+00	5.73E-01	3.93E+00	4.31E-01	2.11E+00	2.42E-01	1.18E+00	1.38E-01	7.18E-01	8.05E-02	7.69E-02	8.48E-03	4.81E-10	5.27E-11
8.51E-01	9.86E-02	7.46E+00	1.09E+00	4.71E+00	6.87E-01	3.53E+00	5.10E-01	1.99E+00	2.96E-01	1.05E+00	1.70E-01	6.25E-01	1.00E-01	6.93E-02	1.01E-02	4.34E-10	6.19E-11
7.20E-01	9.08E-02	8.35E+00	1.12E+00	5.15E+00	7.10E-01	3.98E+00	5.26E-01	2.02E+00	3.00E-01	1.17E+00	1.70E-01	7.27E-01	1.01E-01	7.79E-02	1.05E-02	4.87E-10	6.40E-11
9.11E-01	1.03E-01	8.74E+00	1.06E+00	5.48E+00	6.77E-01	4.12E+00	4.99E-01	2.37E+00	2.89E-01	1.20E+00	1.53E-01	7.19E-01	9.17E-02	8.08E-02	1.01E-02	5.06E-10	6.12E-11
1.01E+00	1.23E-01	9.84E+00	8.27E-01	6.19E+00	5.30E-01	4.51E+00	3.91E-01	3.20E+00	3.38E-01	1.57E+00	1.23E-01	8.84E-01	7.01E-02	8.70E-02	7.92E-03	5.43E-10	4.80E-11
7.82E-01	1.02E-01	1.07E+01	7.82E-01	6.75E+00	5.17E-01	5.09E+00	3.63E-01	2.84E+00	3.38E-01	1.50E+00	1.27E-01	9.10E-01	7.40E-02	9.99E-02	7.98E-03	6.24E-10	4.44E-11
9.12E-01	8.82E-02	8.67E+00	9.79E-01	5.65E+00	6.42E-01	4.22E+00	4.57E-01	2.62E+00	2.70E-01	1.40E+00	1.52E-01	7.93E-01	8.98E-02	8.82E-02	9.84E-03	5.29E-10	5.59E-11
8.50E-01	1.04E-01	1.46E+01	1.36E+00	9.23E+00	8.45E-01	6.90E+00	6.37E-01	3.81E+00	3.58E-01	1.87E+00	1.98E-01	1.13E+00	1.17E-01	1.37E-01	1.24E-02	8.52E-10	7.78E-11
1.13E+00	1.52E-01	1.53E+01	1.83E+00	9.60E+00	1.14E+00	7.17E+00	8.45E-01	4.08E+00	5.16E-01	2.11E+00	2.75E-01	1.24E+00	1.59E-01	1.41E-01	1.65E-02	8.82E-10	1.03E-10
1.06E+00	1.59E-01	1.39E+01	2.07E+00	8.77E+00	1.28E+00	6.96E+00	9.59E-01	3.65E+00	5.66E-01	1.91E+00	3.01E-01	1.14E+00	1.76E-01	1.40E-01	1.87E-02	8.76E-10	1.17E-10
7.88E-01	1.42E-01	1.57E+01	1.74E+00	9.85E+00	1.08E+00	7.83E+00	8.06E-01	3.14E+00	4.87E-01	1.68E+00	2.60E-01	1.14E+00	1.51E-01	1.58E-01	1.57E-02	9.86E-10	9.82E-11
7.00E-01	1.19E-01	1.06E+01	1.44E+00	6.70E+00	8.97E-01	5.04E+00	6.71E-01	2.37E+00	3.90E-01	1.33E+00	2.10E-01	8.28E-01	1.24E-01	1.02E-01	1.31E-02	6.27E-10	8.20E-11
8.93E-01	1.23E-01	1.03E+01	1.12E+00	6.46E+00	7.00E-01	5.16E+00	5.23E-01	2.27E+00	3.48E-01	1.26E+00	1.83E-01	7.98E-01	1.02E-01	1.04E-01	1.02E-02	6.49E-10	6.39E-11
1.03E+00	1.20E-01	8.41E+00	1.29E+00	5.33E+00	8.04E-01	4.04E+00	5.96E-01	2.40E+00	3.81E-01	1.04E+00	2.01E-01	6.63E-01	1.16E-01	8.21E-02	1.15E-02	5.08E-10	7.22E-11
8.46E-01	1.60E-01	7.68E+00	1.51E+00	4.98E+00	9.39E-01	3.80E+00	7.05E-01	2.74E+00	4.39E-01	1.11E+00	2.42E-01	6.36E-01	1.36E-01	7.63E-02	1.37E-02	4.77E-10	8.59E-11
8.75E-01	2.01E-01	1.02E+01	2.23E+00	6.40E+00	1.38E+00	4.74E+00	1.02E+00	2.84E+00	6.47E-01	1.52E+00	3.38E-01	8.83E-01	1.92E-01	9.33E-02	1.98E-02	5.83E-10	1.24E-10
6.47E-01	1.32E-01	1.03E+01	1.41E+00	6.52E+00	8.70E-01	4.89E+00	6.51E-01	2.63E+00	3.91E-01	1.34E+00	2.19E-01	8.18E-01	1.27E-01	9.70E-02	1.26E-02	6.03E-10	7.89E-11
7.28E-01	1.08E-01	9.37E+00	1.45E+00	5.93E+00	9.07E-01	4.62E+00	6.75E-01	2.44E+00	4.05E-01	1.14E+00	2.09E-01	7.77E-01	1.23E-01	9.34E-02	1.32E-02	5.75E-10	8.24E-11
6.98E-01	9.01E-02	1.34E+01	1.43E+00	8.52E+00	9.06E-01	6.60E+00	6.71E-01	2.76E+00	3.98E-01	1.49E+00	1.93E-01	1.01E+00	1.14E-01	1.34E-01	1.32E-02	8.27E-10	8.25E-11
5.93E-01	9.33E-02	1.56E+01	1.33E+00	9.91E+00	8.47E-01	7.64E+00	6.38E-01	3.03E+00	3.59E-01	1.73E+00	1.69E-01	1.16E+00	1.03E-01	1.55E-01	1.27E-02	9.56E-10	7.90E-11
8.13E-01	1.02E-01	1.48E+01	1.13E+00	9.45E+00	7.22E-01	7.19E+00	5.41E-01	3.19E+00	2.79E-01	1.68E+00	1.39E-01	1.10E+00	8.73E-02	1.46E-01	1.08E-02	8.98E-10	6.73E-11
1.08E+00	1.01E-01	1.28E+01	9.26E-01	8.22E+00	5.83E-01	6.14E+00	4.42E-01	3.82E+00	2.44E-01	1.95E+00	1.36E-01	1.12E+00	7.64E-02	1.24E-01	8.74E-03	7.63E-10	5.45E-11

Scenario 2 Results

1.04E+00	9.57E-02	1.70E+01	9.88E-01	1.08E+01	6.29E-01	8.02E+00	4.64E-01	4.54E+00	2.71E-01	2.37E+00	1.43E-01	1.42E+00	8.46E-02	1.61E-01	9.30E-03	9.86E-10	5.68E-11
7.70E-01	9.90E-02	1.57E+01	9.85E-01	1.00E+01	6.26E-01	7.55E+00	4.68E-01	3.71E+00	2.60E-01	2.06E+00	1.49E-01	1.29E+00	8.60E-02	1.53E-01	9.41E-03	9.33E-10	5.75E-11
9.31E-01	1.20E-01	1.15E+01	1.06E+00	7.01E+00	6.73E-01	5.66E+00	4.93E-01	2.79E+00	2.97E-01	1.46E+00	1.66E-01	1.00E+00	9.54E-02	1.13E-01	9.90E-03	6.99E-10	6.00E-11
1.34E+00	1.45E-01	1.09E+01	1.15E+00	6.98E+00	7.11E-01	5.33E+00	5.33E-01	2.42E+00	3.10E-01	1.39E+00	1.76E-01	9.41E-01	1.03E-01	1.08E-01	1.04E-02	6.67E-10	6.48E-11
1.10E+00	1.52E-01	9.82E+00	1.16E+00	6.23E+00	7.26E-01	4.87E+00	5.44E-01	2.47E+00	3.06E-01	1.22E+00	1.67E-01	7.90E-01	9.96E-02	9.93E-02	1.07E-02	6.11E-10	6.66E-11
1.37E+00	1.39E-01	9.16E+00	1.00E+00	5.87E+00	6.32E-01	4.38E+00	4.79E-01	2.52E+00	2.73E-01	1.19E+00	1.53E-01	7.38E-01	8.60E-02	9.08E-02	9.51E-03	5.41E-10	5.90E-11
1.21E+00	2.02E-01	1.07E+01	1.01E+00	6.86E+00	6.43E-01	5.16E+00	4.75E-01	3.80E+00	2.82E-01	1.79E+00	1.80E-01	9.73E-01	1.03E-01	1.04E-01	9.43E-03	6.45E-10	5.87E-11
1.47E+00	1.85E-01	1.97E+01	1.51E+00	1.26E+01	9.46E-01	9.37E+00	6.96E-01	5.28E+00	5.24E-01	2.42E+00	2.49E-01	1.48E+00	1.35E-01	1.87E-01	1.36E-02	1.16E-09	8.44E-11
1.45E+00	1.94E-01	1.80E+01	2.20E+00	1.16E+01	1.41E+00	8.65E+00	1.04E+00	4.62E+00	6.31E-01	2.33E+00	2.92E-01	1.32E+00	1.73E-01	1.73E-01	2.06E-02	1.08E-09	1.28E-10
1.57E+00	1.60E-01	2.42E+01	2.15E+00	1.53E+01	1.38E+00	1.14E+01	1.03E+00	6.49E+00	5.54E-01	3.40E+00	2.56E-01	2.03E+00	1.59E-01	2.26E-01	2.06E-02	1.40E-09	1.28E-10
1.52E+00	1.22E-01	1.89E+01	1.61E+00	1.21E+01	1.03E+00	9.06E+00	7.81E-01	4.85E+00	4.05E-01	2.38E+00	2.00E-01	1.47E+00	1.18E-01	1.81E-01	1.57E-02	1.12E-09	9.76E-11
1.49E+00	1.50E-01	1.20E+01	1.56E+00	7.63E+00	1.03E+00	5.85E+00	7.15E-01	3.50E+00	5.48E-01	1.48E+00	2.12E-01	8.63E-01	1.17E-01	1.18E-01	1.44E-02	7.32E-10	8.78E-11
1.12E+00	1.12E-01	1.41E+01	2.23E+00	9.04E+00	1.45E+00	6.90E+00	1.05E+00	4.31E+00	6.62E-01	1.55E+00	2.75E-01	1.02E+00	1.63E-01	1.39E-01	2.11E-02	8.63E-10	1.30E-10
1.03E+00	7.38E-02	1.72E+01	2.09E+00	1.11E+01	1.34E+00	8.34E+00	1.01E+00	4.05E+00	4.67E-01	1.96E+00	2.37E-01	1.24E+00	1.54E-01	1.68E-01	2.05E-02	1.04E-09	1.27E-10
9.43E-01	7.79E-02	1.21E+01	1.01E+00	7.69E+00	6.41E-01	5.94E+00	4.85E-01	3.15E+00	2.46E-01	1.39E+00	1.28E-01	9.02E-01	7.97E-02	1.20E-01	9.63E-03	7.43E-10	6.00E-11
1.05E+00	8.08E-02	1.28E+01	1.12E+00	8.09E+00	7.04E-01	6.04E+00	5.23E-01	3.64E+00	3.08E-01	1.87E+00	1.63E-01	1.08E+00	9.59E-02	1.20E-01	1.03E-02	7.45E-10	6.40E-11
1.09E+00	9.08E-02	1.45E+01	1.13E+00	9.07E+00	7.04E-01	6.76E+00	5.29E-01	3.98E+00	3.00E-01	2.11E+00	1.69E-01	1.24E+00	1.00E-01	1.33E-01	1.04E-02	8.25E-10	6.44E-11
1.15E+00	8.71E-02	1.11E+01	9.61E-01	7.03E+00	5.97E-01	5.43E+00	4.46E-01	2.97E+00	2.66E-01	1.61E+00	1.48E-01	8.92E-01	8.67E-02	1.09E-01	8.71E-03	6.81E-10	5.42E-11
9.88E-01	1.12E-01	1.25E+01	1.10E+00	7.84E+00	6.81E-01	5.84E+00	5.13E-01	3.47E+00	2.96E-01	1.80E+00	1.70E-01	1.06E+00	1.00E-01	1.15E-01	9.98E-03	7.14E-10	6.22E-11
1.14E+00	1.15E-01	1.18E+01	1.15E+00	7.29E+00	7.09E-01	5.44E+00	5.30E-01	3.32E+00	3.20E-01	1.87E+00	1.84E-01	1.08E+00	1.07E-01	1.06E-01	1.03E-02	6.59E-10	6.41E-11
1.01E+00	1.17E-01	1.25E+01	1.22E+00	7.75E+00	7.58E-01	5.80E+00	5.57E-01	3.41E+00	3.71E-01	1.86E+00	1.93E-01	1.09E+00	1.10E-01	1.13E-01	1.08E-02	7.07E-10	6.74E-11
8.36E-01	9.18E-02	8.86E+00	1.04E+00	5.54E+00	6.46E-01	4.18E+00	4.86E-01	2.57E+00	2.82E-01	1.26E+00	1.57E-01	7.61E-01	9.16E-02	8.22E-02	9.52E-03	5.11E-10	5.93E-11
8.26E-01	8.40E-02	7.94E+00	8.25E-01	4.92E+00	5.14E-01	3.82E+00	3.84E-01	2.17E+00	2.31E-01	1.05E+00	1.30E-01	6.86E-01	7.67E-02	7.57E-02	7.48E-03	4.72E-10	4.67E-11
8.91E-01	8.63E-02	7.92E+00	9.59E-01	4.93E+00	5.89E-01	3.86E+00	4.52E-01	1.95E+00	2.42E-01	1.06E+00	1.40E-01	6.98E-01	8.52E-02	7.63E-02	8.83E-03	4.76E-10	5.52E-11
7.69E-01	8.80E-02	8.56E+00	1.17E+00	5.22E+00	7.42E-01	4.15E+00	5.51E-01	2.15E+00	3.22E-01	1.17E+00	1.55E-01	7.60E-01	9.25E-02	8.16E-02	1.09E-02	5.10E-10	6.80E-11
6.96E-01	9.26E-02	9.27E+00	1.04E+00	5.70E+00	6.58E-01	4.41E+00	4.93E-01	2.04E+00	2.74E-01	1.30E+00	1.33E-01	8.05E-01	8.05E-02	8.65E-02	9.72E-03	5.41E-10	6.09E-11
7.06E-01	1.02E-01	8.24E+00	7.47E-01	5.05E+00	4.62E-01	3.94E+00	3.49E-01	1.91E+00	1.98E-01	1.17E+00	1.18E-01	7.34E-01	6.70E-02	7.72E-02	6.81E-03	4.83E-10	4.26E-11
8.02E-01	1.16E-01	9.20E+00	8.72E-01	5.91E+00	5.45E-01	4.34E+00	4.03E-01	2.79E+00	2.50E-01	1.32E+00	1.34E-01	7.99E-01	7.73E-02	8.49E-02	7.89E-03	5.32E-10	4.91E-11
9.63E-01	1.22E-01	9.25E+00	9.80E-01	5.95E+00	6.15E-01	4.42E+00	4.61E-01	2.50E+00	2.62E-01	1.20E+00	1.42E-01	7.16E-01	8.48E-02	8.77E-02	9.04E-03	5.50E-10	5.63E-11
1.00E+00	1.12E-01	8.12E+00	1.05E+00	5.12E+00	6.59E-01	3.87E+00	4.89E-01	2.09E+00	2.90E-01	1.14E+00	1.65E-01	7.09E-01	9.67E-02	7.59E-02	9.64E-03	4.75E-10	5.94E-11
7.93E-01	1.02E-01	8.33E+00	1.20E+00	5.13E+00	7.53E-01	3.97E+00	5.59E-01	1.98E+00	3.21E-01	1.19E+00	1.84E-01	7.35E-01	1.09E-01	7.75E-02	1.11E-02	4.85E-10	6.80E-11
7.55E-01	8.70E-02	9.13E+00	1.17E+00	5.69E+00	7.43E-01	4.27E+00	5.50E-01	2.49E+00	3.10E-01	1.34E+00	1.73E-01	7.88E-01	1.03E-01	8.32E-02	1.10E-02	5.20E-10	6.72E-11
1.18E+00	1.38E-01	8.82E+00	1.02E+00	5.51E+00	6.52E-01	4.08E+00	4.82E-01	3.31E+00	3.31E-01	1.54E+00	1.44E-01	8.26E-01	8.66E-02	8.05E-02	9.73E-03	5.04E-10	5.92E-11
9.25E-01	1.25E-01	1.06E+01	7.24E-01	6.71E+00	4.78E-01	4.96E+00	3.36E-01	3.18E+00	3.32E-01	1.62E+00	1.33E-01	9.38E-01	6.95E-02	9.64E-02	7.40E-03	6.02E-10	4.10E-11
8.36E-01	8.85E-02	7.94E+00	8.17E-01	5.15E+00	5.41E-01	3.78E+00	3.77E-01	2.32E+00	2.70E-01	1.14E+00	1.34E-01	6.66E-01	7.76E-02	7.81E-02	8.37E-03	4.67E-10	4.60E-11
9.87E-01	1.05E-01	1.11E+01	1.26E+00	6.93E+00	7.78E-01	5.13E+00	5.84E-01	3.26E+00	3.42E-01	1.70E+00	1.88E-01	9.78E-01	1.10E-01	9.96E-02	1.13E-02	6.23E-10	7.10E-11
1.06E+00	1.30E-01	1.52E+01	1.48E+00	9.54E+00	9.11E-01	7.14E+00	6.87E-01	3.87E+00	3.96E-01	1.86E+00	2.15E-01	1.13E+00	1.27E-01	1.42E-01	1.34E-02	8.85E-10	8.39E-11
1.09E+00	1.77E-01	1.62E+01	2.24E+00	1.02E+01	1.40E+00	7.65E+00	1.04E+00	4.22E+00	6.23E-01	2.25E+00	3.31E-01	1.35E+00	1.93E-01	1.50E-01	2.03E-02	9.39E-10	1.27E-10
1.01E+00	1.56E-01	1.75E+01	2.07E+00	1.10E+01	1.29E+00	8.73E+00	9.66E-01	3.82E+00	5.56E-01	2.02E+00	2.99E-01	1.27E+00	1.76E-01	1.76E-01	1.89E-02	1.10E-09	1.18E-10
8.21E-01	1.39E-01	1.33E+01	1.62E+00	8.34E+00	1.01E+00	6.64E+00	7.56E-01	2.67E+00	4.41E-01	1.38E+00	2.37E-01	9.62E-01	1.39E-01	1.34E-01	1.48E-02	8.36E-10	9.23E-11
1.05E+00	1.37E-01	1.06E+01	1.17E+00	6.69E+00	7.27E-01	5.03E+00	5.44E-01	2.52E+00	3.77E-01	1.35E+00	1.99E-01	8.35E-01	1.11E-01	1.01E-01	1.06E-02	6.25E-10	6.64E-11
1.18E+00	1.31E-01	9.30E+00	1.36E+00	5.87E+00	8.48E-01	4.44E+00	6.28E-01	2.16E+00	4.07E-01	1.18E+00	2.15E-01	7.36E-01	1.23E-01	8.96E-02	1.21E-02	5.51E-10	7.60E-11
9.03E-01	1.67E-01	1.08E+01	1.53E+00	6.77E+00	9.52E-01	5.32E+00	7.14E-01	2.15E+00	4.31E-01	1.16E+00	2.40E-01	7.98E-01	1.35E-01	1.07E-01	1.39E-02	6.68E-10	8.69E-11
1.01E+00	2.18E-01	1.08E+01	2.27E+00	6.72E+00	1.39E+00	4.96E+00	1.03E+00	3.06E+00	6.64E-01	1.53E+00	3.50E-01	8.72E-01	1.98E-01	9.75E-02	2.00E-02	6.09E-10	1.25E-10
8.54E-01	2.21E-01	1.24E+01	2.88E+00	7.75E+00	1.79E+00	5.81E+00	1.33E+00	3.33E+00	8.16E-01	1.76E+00	4.15E-01	1.04E+00	2.40E-01	1.14E-01	2.60E-02	7.11E-10	1.62E-10
7.14E-01	1.49E-01	1.17E+01	1.45E+00	7.19E+00	9.21E-01	5.73E+00	6.82E-01	3.08E+00	4.13E-01	1.53E+00	2.18E-01	1.02E+00	1.26E-01	1.14E-01	1.34E-02	7.08E-10	8.38E-11
6.88E-01	1.39E-01	1.09E+01	1.43E+00	6.87E+00	9.02E-01	5.16E+00	6.73E-01	2.76E+00	4.00E-01	1.41E+00	2.26E-01	8.59E-01	1.31E-01	1.02E-01	1.33E-02	6.37E-10	8.33E-11
7.99E-01	1.14E-01	1.07E+01	1.50E+00	6.79E+00	9.38E-01	5.19E+00	6.99E-01	2.55E+00	4.20E-01	1.23E+00	2.18E-01	8.35E-01	1.28E-01	1.05E-01	1.37E-02	6.47E-10	8.53E-11
7.41E-01	9.86E-02	1.26E+01	1.51E+00	8.07E+00	9.60E-01	6.07E+00	7.12E-01	2.98E+00	4.22E-01	1.48E+00	2.04E-01	9.40E-01	1.21E-01	1.22E-01	1.40E-02	7.56E-10	8.75E-11
6.38E-01	1.01E-01	1.22E+01	1.37E+00	7.87E+00	8.75E-01	5.80E+00	6.55E-01	3.30E+00	3.75E-01	1.49E+00	1.76E-01	9.08E-01	1.06E-01	1.17E-01	1.30E-02	7.20E-10	8.11E-11
9.57E-01	1.07E-01	1.14E+01	1.16E+00	7.11E+00	7.41E-01	5.69E+00	5.58E-01	3.34E+00	2.93E-01	1.52E+00	1.44E-01	1.05E+00	9.03E-02	1.14E-01	1.11E-02	7.00E-10	6.92E-11
1.23E+00	1.09E-01	1.43E+01	9.51E-01	9.07E+00	5.99E-01	6.59E+00	4.53E-01	4.34E+00	2.50E-01	2.20E+00	1.43E-01	1.26E+00	8.05E-02	1.32E-01	9.02E-03	8.12E-10	5.61E-11
1.15E+00	1.04E-01	1.93E+01	1.09E+00	1.23E+01	6.96E-01	9.10E+00	5.14E-01	5.13E+00	2.99E-01	2.66E+00	1.57E-01	1.60E+00	9.32E-02	1.83E-01	1.03E-02	1.12E-09	6.29E-11
8.70E-01	1.12E-01	1.80E+01	1.11E+00	1.15E+01	7.02E-01	8.68E+00	5.26E-01	4.21E+00	3.06E-01	2.33E+00	1.72E-01	1.47E+00	9.96E-02	1.75E-01	1.06E-02	1.07E-09	6.48E-11
9.05E-01	1.29E-01	1.24E+01	1.15E+00	7.59E+00	7.31E-01	6.12E+00	5.35E-01	2.77E+00	3.22E-01	1.58E+00	1.79E-01	1.08E+00	1.03E-01	1.23E-01	1.08E-02	7.56E-10	6.52E-11
1.16E+00	1.51E-01	1.05E+01	1.12E+00	6.66E+00	6.95E-01	5.15E+00	5.21E-01	2.40E+00	3.04E-01	1.36E+00	1.72E-01	9.20E-01	1.01E-01	1.03E-01	1.02E-02	6.40E-10	6.33E-11
1.30E+00	1.60E-01	1.02E+01	1.21E+00	6.43E+00	7.62E-01	5.05E+00	5.73E-01	2.63E+00	3.15E-01	1.31E+00	1.71E-01	7.99E-01	1.03E-01	1.03E-01	1.13E-02	6.34E-10	7.03E-11
1.50E+00	1.84E-01	1.08E+01	1.13E+00	6.96E+00	7.19E-01	5.21E+00	5.30E-01	2.97E+00	3.24E-01	1.57E+00	1.85E-01	8.66E-01	1.05E-01	1.05E-01	1.05E-02	6.52E-10	6.52E-11
1.27E+00	2.18E-01	1.56E+01	1.14E+00	1.00E+01	7.29E-01	7.27E+00	5.41E-01	4.91E+00	4.22E-01	2.22E+00	2.18E-01	1.27E+00	1.22E-01	1.43E-01	1.08E-02	8.89E-10	6.71E-11
1.52E+00	2.06E-01	1.77E+01	1.92E+00	1.13E+01	1.22E+00	8.54E+00	8.80E-01	4.49E+00	6.22E-01	2.07E+00	2.89E-01	1.31E+00	1.62E-01	1.72E-01	1.72E-02	1.07E-09	1.07E-10
1.71E+00	1.94E-01	2.04E+01	2.23E+00	1.28E+01	1.43E+00	9.55E+00	1.06E+00	5.63E+00	6.01E-01	3.10E+00	2.78E-01	1.82E+00	1.69E-01	1.88E-01	2.11E-02	1.16E-09	1.31E-10
1.44E+00	1.20E-01	2.23E+01	1.77E+00	1.42E+01	1.14E+00	1.06E+01	8.57E-01	5.79E+00	4.30E-01	2.89E+00	2.20E-01	1.77E+00	1.31E-01	2.12E-01	1.72E-02	1.31E-09	1.07E-10
1.49E+00	1.51E-01	1.20E+01	1.46E+00	7.72E+00	9.56E-01	5.80E+00	6.66E-01	3.33E+00	5.12E-01	1.54E+00	2.04E-01	8.61E-01	1.12E-01	1.16E-01	1.34E-02	7.23E-10	8.16E-11
1.26E+00	1.34E-01	1.34E+01	2.07E+00	8.60E+00	1.36E+00	6.47E+00	9.68E-01	3.93E+00	6.66E-01	1.51E+00	2.64E-01	9.63E-01	1.52E-01	1.30E-01	1.94E-02	8.08E-10	1.20E-10
1.02E+00	7.83E-02	1.68E+01	2.23E+00	1.08E+01	1.43E+00	8.11E+00	1.08E+00	4.22E+00	5.22E-01	1.92E+00	2.57E-01	1.21E+00	1.64E-01	1.63E-01	2.18E-02	1.01E-09	1.35E-10
1.06E+00	8.07E-02	1.39E+01	1.22E+00	8.85E+00	7.74E-01	6.83E+00	5.98E-01	3.20E+00	2.63E-01	1.55E+00	1.40E-01	1.04E+00	9.13E-02	1.38E-01	1.21E-02	8.54E-10	7.48E-11
1.12E+00	8.42E-02	1.39E+01	1.13E+00	8.80E+00	7.11E-01	6.55E+00	5.28E-01	3.70E+00	3.15E-01	1.86E+00	1.66E-01	1.12E+00	9.73E-02	1.30E-01	1.04E-02	8.07E-10	6.45E-11
1.15E+00	9.43E-02	1.43E+01	1.16E+00	8.93E+00	7.21E-01	6.65E+00	5.42E-01	4.00E+00	3.08E-01	2.12E+00	1.73E-01	1.24E+00	1.03E-01	1.30E-01	1.06E-02	8.10E-10	6.60E-11
1.19E+00	9.23E-02	1.14E+01	9.98E-01	7.22E+00	6.19E-01	5.56E+00	4.63E-01	3.04E+00	2.77E-01	1.65E+00	1.55E-01	9.14E-01	9.04E-02	1.12E-01	9.01E-03	6.97E-10	5.61E-11
1.02E+00	1.17E-01	1.28E+01	1.15E+00	8.03E+00	7.11E-01	5.99E+00	5.35E-01	3.55E+00	3.11E-01	1.85E+00	1.79E-01	1.09E+00	1.05E-01	1.17E-01	1.04E-02	7.31E-10	6.49E-11
1.14E+00	1.18E-01	1.24E+01	1.21E+00	7.69E+00	7.45E-01	5.74E+00	5.58E-01	3.48E+00	3.34E-01	1.93E+00	1.92E-01	1.12E+00	1.12E-01	1.12E-01	1.08E-02	6.96E-10	6.76E-11
1.03E+00	1.18E-01	1.22E+01	1.21E+00	7.58E+00	7.55E-01	5.68E+00	5.55E-01	3.36E+00	3.71E-01	1.84E+00	1.93E-01	1.08E+00	1.09E-01	1.11E-01	1.08E-02	6.91E-10	6.71E-11
8.60E-01	9.49E-02	9.69E+00	1.06E+00	6.06E+00	6.56E-01	4.59E+00	4.90E-01	2.88E+00	2.96E-01	1.33E+00	1.64E-01	8.11E-01	9.52E-02	9.06E-02	9.53E-03	5.64E-10	5.95E-11
8.92E-01	9.55E-02	9.28E+00	9.42E-01	5.72E+00	5.74E-01	4.50E+00	4.40E-01	2.39E+00	2.46E-01	1.21E+00	1.48E-01	7.87E-01	8.86E-02	8.89E-02	8.53E-03	5.55E-10	5.33E-11
1.05E+00	9.89E-02	8.34E+00	1.08E+00	5.32E+00	6.68E-01	4.04E+00	5.12E-01	2.09E+00	2.97E-01	1.12E+00	1.56E-01	7.40E-01	9.48E-02	8.01E-02	1.00E-02	5.02E-10	6.26E-11
8.30E-01	1.01E-01	1.03E+01	1.33E+00	6.26E+00	8.45E-01	4.95E+00	6.30E-01	2.30E+00	3.59E-01	1.41E+00	1.72E-01	9.07E-01	1.03E-01	9.72E-02	1.24E-02	6.09E-10	7.78E-11
7.67E-01	1.04E-01	9.57E+00	1.03E+00	5.91E+00	6.52E-01	4.52E+00	4.88E-01	2.27E+00	2.71E-01	1.35E+00	1.33E-01	8.25E-01	8.06E-02	8.85E-02	9.62E-03	5.54E-10	6.03E-11
7.52E-01	1.15E-01	9.53E+00	7.94E-01	5.85E+00	4.94E-01	4.54E+00	3.63E-01	2.16E+00	2.33E-01	1.36E+00	1.34E-01	8.42E-01	7.63E-02	8.88E-02	7.10E-03	5.56E-10	4.42E-11
9.73E-01	1.29E-01	9.72E+00	9.83E-01	6.27E+00	6.16E-01	4.59E+00	4.58E-01	2.85E+00	2.75E-01	1.23E+00	1.49E-01	7.38E-01	8.59E-02	9.09E-02	8.97E-03	5.70E-10	5.58E-11
1.15E+00	1.28E-01	9.35E+00	1.01E+00	5.87E+00	6.33E-01	4.45E+00	4.78E-01	2.40E+00	2.65E-01	1.33E+00	1.49E-01	8.08E-01	8.74E-02	8.71E-02	9.38E-03	5.45E-10	5.84E-11
1.00E+00	1.08E-01	8.41E+00	1.22E+00	5.25E+00	7.63E-01	4.02E+00	5.67E-01	2.23E+00	3.31E-01	1.15E+00	1.89E-01	7.19E-01	1.11E-01	7.90E-02	1.12E-02	4.94E-10	6.89E-11
8.35E-01	1.02E-01	9.91E+00	1.27E+00	6.11E+00	8.02E-01	4.73E+00	5.95E-01	2.42E+00	3.38E-01	1.38E+00	1.92E-01	8.59E-01	1.14E-01	9.27E-02	1.19E-02	5.80E-10	7.26E-11
1.13E+00	1.29E-01	1.02E+01	1.17E+00	6.38E+00	7.45E-01	4.81E+00	5.51E-01	2.75E+00	3.04E-01	1.37E+00	1.68E-01	8.25E-01	1.01E-01	9.45E-02	1.11E-02	5.91E-10	6.76E-11
1.23E+00	1.56E-01	1.17E+01	8.91E-01	7.36E+00	5.70E-01	5.36E+00	4.22E-01	3.84E+00	3.71E-01	1.89E+00	1.54E-01	1.06E+00	7.68E-02	1.03E-01	8.54E-03	6.45E-10	5.19E-11
8.89E-01	1.11E-01	9.85E+00	8.24E-01	6.23E+00	5.48E-01	4.65E+00	3.81E-01	2.89E+00	3.12E-01	1.42E+00	1.37E-01	8.43E-01	7.99E-02	9.09E-02	8.57E-03	5.69E-10	4.65E-11
1.05E+00	1.10E-01	8.70E+00	1.15E+00	5.37E+00	7.12E-01	3.92E+00	5.32E-01	2.84E+00	3.30E-01	1.48E+00	1.80E-01	8.21E-01	1.04E-01	8.39E-02	1.03E-02	4.69E-10	6.44E-11
9.48E-01	1.18E-01	1.45E+01	1.48E+00	9.18E+00	9.15E-01	6.78E+00	6.88E-01	4.07E+00	3.95E-01	1.88E+00	2.18E-01	1.11E+00	1.28E-01	1.34E-01	1.34E-02	8.37E-10	8.40E-11
1.15E+00	1.64E-01	1.40E+01	1.85E+00	8.74E+00	1.15E+00	6.57E+00	8.53E-01	3.77E+00	5.30E-01	2.02E+00	2.84E-01	1.18E+00	1.64E-01	1.31E-01	1.65E-02	8.16E-10	1.04E-10
1.18E+00	1.80E-01	1.63E+01	2.38E+00	1.02E+01	1.48E+00	8.17E+00	1.11E+00	4.04E+00	6.47E-01	2.13E+00	3.44E-01	1.24E+00	2.02E-01	1.64E-01	2.16E-02	1.03E-09	1.35E-10
9.23E-01	1.57E-01	1.84E+01	1.81E+00	1.16E+01	1.12E+00	9.22E+00	8.46E-01	3.21E+00	4.91E-01	1.85E+00	2.64E-01	1.33E+00	1.55E-01	1.85E-01	1.65E-02	1.16E-09	1.03E-10
1.23E+00	1.57E-01	1.07E+01	1.31E+00	6.68E+00	8.12E-01	5.01E+00	5.99E-01	2.86E+00	4.25E-01	1.48E+00	2.26E-01	8.78E-01	1.25E-01	9.81E-02	1.17E-02	6.15E-10	7.31E-11
1.29E+00	1.46E-01	1.02E+01	1.48E+00	6.40E+00	9.19E-01	4.80E+00	6.80E-01	2.33E+00	4.44E-01	1.33E+00	2.35E-01	8.13E-01	1.35E-01	9.66E-02	1.31E-02	5.95E-10	8.22E-11
9.21E-01	1.91E-01	9.22E+00	1.65E+00	5.66E+00	1.03E+00	4.45E+00	7.70E-01	2.35E+00	4.76E-01	1.29E+00	2.66E-01	7.84E-01	1.48E-01	8.81E-02	1.50E-02	5.49E-10	9.37E-11
1.10E+00	2.35E-01	1.30E+01	2.35E+00	8.15E+00	1.43E+00	6.39E+00	1.06E+00	3.11E+00	6.92E-01	1.58E+00	3.67E-01	9.58E-01	2.06E-01	1.28E-01	2.05E-02	8.01E-10	1.28E-10
9.87E-01	2.35E-01	1.28E+01	2.97E+00	7.97E+00	1.84E+00	5.96E+00	1.36E+00	3.51E+00	8.43E-01	1.88E+00	4.31E-01	1.10E+00	2.49E-01	1.16E-01	2.66E-02	7.27E-10	1.66E-10

Scenario 2 Results

8.57E-01	1.83E-01	1.35E+01	2.87E+00	8.43E+00	1.80E+00	6.71E+00	1.34E+00	3.13E+00	7.78E-01	1.67E+00	3.94E-01	1.02E+00	2.33E-01	1.35E-01	2.63E-02	8.44E-10	1.64E-10
7.54E-01	1.46E-01	1.17E+01	1.64E+00	7.25E+00	1.04E+00	5.80E+00	7.86E-01	2.87E+00	3.96E-01	1.49E+00	2.08E-01	1.01E+00	1.24E-01	1.15E-01	1.57E-02	7.18E-10	9.77E-11
7.45E-01	1.56E-01	1.15E+01	1.39E+00	7.18E+00	8.71E-01	5.67E+00	6.44E-01	3.12E+00	4.02E-01	1.51E+00	2.20E-01	1.01E+00	1.27E-01	1.13E-01	1.27E-02	7.00E-10	7.91E-11
7.76E-01	1.47E-01	1.13E+01	1.46E+00	7.16E+00	9.30E-01	5.49E+00	6.93E-01	2.91E+00	4.04E-01	1.47E+00	2.32E-01	8.96E-01	1.34E-01	1.11E-01	1.37E-02	6.88E-10	8.55E-11
8.78E-01	1.24E-01	1.11E+01	1.58E+00	6.91E+00	9.90E-01	5.52E+00	7.38E-01	2.76E+00	4.44E-01	1.30E+00	2.32E-01	9.05E-01	1.36E-01	1.11E-01	1.44E-02	6.87E-10	8.99E-11
7.90E-01	1.07E-01	1.12E+01	1.59E+00	7.06E+00	1.01E+00	5.22E+00	7.46E-01	3.19E+00	4.44E-01	1.53E+00	2.15E-01	9.00E-01	1.28E-01	1.03E-01	1.47E-02	6.41E-10	9.16E-11
6.71E-01	1.09E-01	1.10E+01	1.45E+00	6.95E+00	9.23E-01	5.22E+00	6.85E-01	3.21E+00	3.97E-01	1.37E+00	1.87E-01	8.43E-01	1.12E-01	1.04E-01	1.36E-02	6.46E-10	8.46E-11
1.11E+00	1.11E-01	1.18E+01	1.21E+00	7.30E+00	7.70E-01	5.90E+00	5.83E-01	3.06E+00	3.12E-01	1.59E+00	1.50E-01	1.10E+00	9.43E-02	1.18E-01	1.16E-02	7.25E-10	7.23E-11
1.40E+00	1.18E-01	1.60E+01	1.01E+00	1.01E+01	6.37E-01	7.36E+00	4.83E-01	4.90E+00	2.68E-01	2.47E+00	1.54E-01	1.41E+00	8.66E-02	1.46E-01	9.64E-03	8.94E-10	6.00E-11
1.29E+00	1.16E-01	2.22E+01	1.22E+00	1.41E+01	7.78E-01	1.05E+01	5.75E-01	5.90E+00	3.35E-01	3.03E+00	1.74E-01	1.83E+00	1.04E-01	2.10E-01	1.15E-02	1.29E-09	7.04E-11
9.20E-01	1.21E-01	1.98E+01	1.18E+00	1.26E+01	7.51E-01	9.54E+00	5.63E-01	4.62E+00	3.30E-01	2.54E+00	1.85E-01	1.60E+00	1.07E-01	1.92E-01	1.13E-02	1.18E-09	6.94E-11
8.59E-01	1.30E-01	1.22E+01	1.14E+00	7.43E+00	7.30E-01	6.00E+00	5.33E-01	2.72E+00	3.23E-01	1.55E+00	1.77E-01	1.06E+00	1.03E-01	1.20E-01	1.07E-02	7.42E-10	6.49E-11
1.18E+00	1.69E-01	1.20E+01	1.28E+00	7.61E+00	7.99E-01	5.88E+00	6.00E-01	2.72E+00	3.46E-01	1.44E+00	1.93E-01	9.73E-01	1.14E-01	1.19E-01	1.17E-02	7.37E-10	7.30E-11
1.55E+00	1.77E-01	1.07E+01	1.34E+00	6.84E+00	8.44E-01	5.21E+00	6.37E-01	3.01E+00	3.54E-01	1.47E+00	1.86E-01	9.07E-01	1.12E-01	1.06E-01	1.26E-02	6.55E-10	7.82E-11
1.44E+00	2.22E-01	1.19E+01	1.20E+00	7.65E+00	7.65E-01	5.74E+00	5.65E-01	3.83E+00	3.39E-01	1.87E+00	2.13E-01	9.99E-01	1.21E-01	1.15E-01	1.12E-02	7.16E-10	6.97E-11
1.46E+00	2.15E-01	1.75E+01	1.43E+00	1.12E+01	8.94E-01	8.27E+00	6.28E-01	4.90E+00	5.56E-01	2.24E+00	2.68E-01	1.34E+00	1.41E-01	1.64E-01	1.19E-02	1.02E-09	7.41E-11
1.68E+00	2.22E-01	1.57E+01	2.18E+00	9.98E+00	1.39E+00	7.71E+00	1.02E+00	4.38E+00	6.31E-01	2.56E+00	2.93E-01	1.48E+00	1.72E-01	1.55E-01	2.02E-02	9.65E-10	1.26E-10
1.39E+00	1.54E-01	2.47E+01	2.00E+00	1.56E+01	1.28E+00	1.17E+01	9.60E-01	6.49E+00	5.04E-01	3.31E+00	2.49E-01	2.00E+00	1.48E-01	2.32E-01	1.92E-02	1.44E-09	1.19E-10
1.51E+00	1.47E-01	1.27E+01	1.45E+00	8.02E+00	9.48E-01	6.06E+00	6.89E-01	3.38E+00	4.93E-01	1.67E+00	2.10E-01	1.03E+00	1.16E-01	1.20E-01	1.39E-02	7.47E-10	8.61E-11
1.33E+00	1.54E-01	1.17E+01	1.89E+00	7.58E+00	1.24E+00	5.55E+00	8.72E-01	3.44E+00	6.56E-01	1.39E+00	2.49E-01	8.93E-01	1.39E-01	1.11E-01	1.75E-02	6.89E-10	1.07E-10
1.04E+00	9.12E-02	1.65E+01	2.44E+00	1.07E+01	1.57E+00	7.85E+00	1.17E+00	4.54E+00	6.09E-01	1.93E+00	2.85E-01	1.18E+00	1.79E-01	1.57E-01	2.36E-02	9.76E-10	1.46E-10
1.22E+00	8.47E-02	1.61E+01	1.59E+00	1.02E+01	1.01E+00	7.88E+00	7.81E-01	3.29E+00	3.05E-01	1.81E+00	1.76E-01	1.20E+00	1.18E-01	1.59E-01	1.58E-02	9.86E-10	9.78E-11
1.22E+00	8.96E-02	1.52E+01	1.15E+00	9.61E+00	7.24E-01	7.13E+00	5.36E-01	4.16E+00	3.27E-01	2.06E+00	1.71E-01	1.22E+00	9.97E-02	1.41E-01	1.05E-02	8.77E-10	6.54E-11
1.26E+00	1.02E-01	1.51E+01	1.28E+00	9.42E+00	7.98E-01	6.99E+00	6.00E-01	4.29E+00	3.40E-01	2.26E+00	1.90E-01	1.32E+00	1.13E-01	1.37E-01	1.18E-02	8.51E-10	7.31E-11
1.27E+00	1.02E-01	1.27E+01	1.12E+00	8.10E+00	6.95E-01	6.23E+00	5.20E-01	3.27E+00	3.12E-01	1.77E+00	1.73E-01	1.00E+00	1.01E-01	1.25E-01	1.01E-02	7.79E-10	6.31E-11
1.11E+00	1.28E-01	1.39E+01	1.29E+00	8.72E+00	7.94E-01	6.51E+00	5.99E-01	3.85E+00	3.48E-01	2.01E+00	2.01E-01	1.18E+00	1.18E-01	1.27E-01	1.16E-02	7.95E-10	7.25E-11
1.18E+00	1.31E-01	1.36E+01	1.35E+00	8.46E+00	8.32E-01	6.31E+00	6.25E-01	3.82E+00	3.69E-01	2.08E+00	2.12E-01	1.20E+00	1.24E-01	1.23E-01	1.21E-02	7.67E-10	7.57E-11
1.10E+00	1.24E-01	1.28E+01	1.28E+00	7.91E+00	8.00E-01	5.92E+00	5.88E-01	3.52E+00	3.92E-01	1.94E+00	2.03E-01	1.13E+00	1.15E-01	1.15E-01	1.14E-02	7.20E-10	7.12E-11
9.36E-01	9.42E-02	9.86E+00	1.06E+00	6.17E+00	6.56E-01	4.69E+00	4.91E-01	2.76E+00	2.96E-01	1.31E+00	1.63E-01	8.10E-01	9.50E-02	9.28E-02	9.53E-03	5.78E-10	5.96E-11
9.14E-01	1.02E-01	9.53E+00	9.95E-01	5.85E+00	6.06E-01	4.63E+00	4.67E-01	2.38E+00	2.39E-01	1.24E+00	1.53E-01	8.15E-01	9.22E-02	9.16E-02	9.06E-03	5.72E-10	5.67E-11
1.16E+00	1.09E-01	8.35E+00	1.19E+00	5.32E+00	7.49E-01	4.05E+00	5.53E-01	2.32E+00	3.42E-01	1.12E+00	1.67E-01	7.08E-01	9.90E-02	8.08E-02	1.08E-02	5.06E-10	6.79E-11
8.31E-01	1.09E-01	1.12E+01	1.37E+00	6.82E+00	8.67E-01	5.36E+00	6.47E-01	2.29E+00	3.65E-01	1.54E+00	1.75E-01	9.80E-01	1.05E-01	1.05E-01	1.28E-02	6.58E-10	8.00E-11
8.68E-01	1.14E-01	8.88E+00	9.57E-01	5.50E+00	6.03E-01	4.16E+00	4.52E-01	2.29E+00	2.52E-01	1.27E+00	1.34E-01	7.59E-01	7.99E-02	8.12E-02	8.89E-03	5.09E-10	5.57E-11
8.82E-01	1.31E-01	1.07E+01	9.51E-01	6.59E+00	5.94E-01	5.08E+00	4.38E-01	2.66E+00	2.76E-01	1.53E+00	1.54E-01	9.36E-01	8.87E-02	9.92E-02	8.56E-03	6.21E-10	5.33E-11
1.27E+00	1.43E-01	1.03E+01	1.09E+00	6.65E+00	6.85E-01	4.91E+00	5.12E-01	2.89E+00	2.94E-01	1.33E+00	1.65E-01	7.98E-01	9.54E-02	9.73E-02	1.00E-02	6.10E-10	6.26E-11
1.27E+00	1.30E-01	9.30E+00	1.16E+00	5.84E+00	7.25E-01	4.48E+00	5.38E-01	2.39E+00	3.22E-01	1.38E+00	1.81E-01	8.34E-01	1.06E-01	8.77E-02	1.06E-02	5.49E-10	6.52E-11
9.19E-01	1.11E-01	9.99E+00	1.35E+00	6.14E+00	8.47E-01	4.76E+00	6.29E-01	2.25E+00	3.62E-01	1.41E+00	2.05E-01	8.78E-01	1.21E-01	9.32E-02	1.25E-02	5.84E-10	7.66E-11
9.13E-01	1.04E-01	1.06E+01	1.29E+00	6.64E+00	8.19E-01	4.98E+00	6.07E-01	2.86E+00	3.39E-01	1.51E+00	1.89E-01	8.99E-01	1.13E-01	9.73E-02	1.22E-02	6.09E-10	7.43E-11
1.30E+00	1.55E-01	9.15E+00	1.05E+00	5.86E+00	6.68E-01	4.39E+00	4.95E-01	3.43E+00	3.39E-01	1.63E+00	1.47E-01	8.67E-01	8.88E-02	8.89E-02	9.99E-03	5.42E-10	6.08E-11
1.10E+00	1.40E-01	1.14E+01	8.98E-01	7.20E+00	5.68E-01	5.31E+00	4.29E-01	3.43E+00	3.58E-01	1.73E+00	1.53E-01	1.00E+00	8.38E-02	1.03E-01	8.94E-03	6.46E-10	5.31E-11
1.22E+00	1.27E-01	9.60E+00	1.24E+00	5.96E+00	7.63E-01	4.52E+00	5.67E-01	3.09E+00	3.65E-01	1.65E+00	1.98E-01	9.09E-01	1.13E-01	8.89E-02	1.09E-02	5.56E-10	6.85E-11
9.86E-01	1.25E-01	1.08E+01	1.45E+00	6.82E+00	8.96E-01	4.95E+00	6.72E-01	3.39E+00	3.99E-01	1.66E+00	2.19E-01	9.46E-01	1.28E-01	9.68E-02	1.30E-02	6.06E-10	8.18E-11
1.24E+00	1.60E-01	1.60E+01	1.63E+00	1.01E+01	1.01E+00	7.49E+00	7.48E-01	4.20E+00	4.81E-01	1.94E+00	2.60E-01	1.17E+00	1.48E-01	1.48E-01	1.44E-02	9.29E-10	9.04E-11
1.13E+00	1.81E-01	1.46E+01	2.21E+00	9.17E+00	1.37E+00	6.82E+00	1.02E+00	3.96E+00	6.17E-01	1.90E+00	3.29E-01	1.14E+00	1.91E-01	1.34E-01	1.99E-02	8.41E-10	1.25E-10
1.02E+00	1.63E-01	1.70E+01	2.06E+00	1.07E+01	1.27E+00	8.52E+00	9.55E-01	3.55E+00	5.44E-01	1.89E+00	2.97E-01	1.23E+00	1.75E-01	1.71E-01	1.86E-02	1.07E-09	1.17E-10
1.45E+00	1.86E-01	1.62E+01	1.52E+00	9.90E+00	9.35E-01	7.96E+00	6.85E-01	3.28E+00	4.91E-01	2.10E+00	2.63E-01	1.41E+00	1.46E-01	1.58E-01	1.33E-02	9.84E-10	8.33E-11
1.56E+00	1.78E-01	1.22E+01	1.83E+00	7.57E+00	1.14E+00	6.03E+00	8.42E-01	2.73E+00	5.45E-01	1.46E+00	2.90E-01	9.73E-01	1.66E-01	1.21E-01	1.62E-02	7.52E-10	1.02E-10
9.71E-01	2.22E-01	9.31E+00	1.81E+00	5.84E+00	1.09E+00	4.37E+00	8.18E-01	2.58E+00	5.44E-01	1.42E+00	3.04E-01	7.95E-01	1.68E-01	8.79E-02	1.59E-02	5.40E-10	9.94E-11
1.25E+00	2.64E-01	1.19E+01	2.64E+00	7.35E+00	1.61E+00	5.42E+00	1.19E+00	3.42E+00	7.84E-01	1.81E+00	4.13E-01	1.02E+00	2.32E-01	1.06E-01	2.30E-02	6.63E-10	1.44E-10
1.06E+00	2.51E-01	1.39E+01	3.22E+00	8.68E+00	2.00E+00	6.49E+00	1.48E+00	3.82E+00	9.14E-01	2.03E+00	4.66E-01	1.20E+00	2.69E-01	1.27E-01	2.90E-02	7.92E-10	1.81E-10
8.89E-01	1.84E-01	1.34E+01	2.91E+00	8.36E+00	1.82E+00	6.66E+00	1.36E+00	3.31E+00	7.86E-01	1.75E+00	3.99E-01	1.04E+00	2.36E-01	1.34E-01	2.68E-02	8.38E-10	1.67E-10
8.04E-01	2.09E-01	1.17E+01	2.16E+00	7.15E+00	1.36E+00	5.55E+00	1.02E+00	3.03E+00	5.55E-01	1.65E+00	2.85E-01	1.03E+00	1.73E-01	1.10E-01	2.02E-02	6.87E-10	1.26E-10
7.20E-01	1.31E-01	1.11E+01	2.16E+00	7.19E+00	1.38E+00	5.30E+00	1.03E+00	3.13E+00	5.67E-01	1.32E+00	2.66E-01	8.00E-01	1.63E-01	1.05E-01	2.04E-02	6.58E-10	1.28E-10
7.78E-01	1.51E-01	1.21E+01	1.81E+00	7.45E+00	1.16E+00	6.00E+00	8.70E-01	3.05E+00	4.46E-01	1.53E+00	2.20E-01	1.05E+00	1.36E-01	1.19E-01	1.73E-02	7.42E-10	1.08E-10
7.91E-01	1.65E-01	1.18E+01	1.44E+00	7.51E+00	8.98E-01	5.71E+00	6.75E-01	3.19E+00	4.15E-01	1.45E+00	2.26E-01	9.78E-01	1.30E-01	1.15E-01	1.32E-02	7.13E-10	8.27E-11
8.49E-01	1.59E-01	1.31E+01	1.52E+00	8.33E+00	9.64E-01	6.40E+00	7.16E-01	3.08E+00	4.24E-01	1.54E+00	2.42E-01	9.50E-01	1.40E-01	1.28E-01	1.41E-02	8.01E-10	8.82E-11
9.39E-01	1.35E-01	1.17E+01	1.60E+00	7.41E+00	9.99E-01	5.86E+00	7.46E-01	2.83E+00	4.50E-01	1.41E+00	2.40E-01	9.43E-01	1.40E-01	1.17E-01	1.45E-02	7.31E-10	9.08E-11
8.37E-01	1.15E-01	1.12E+01	1.65E+00	7.08E+00	1.04E+00	5.23E+00	7.72E-01	3.21E+00	4.61E-01	1.56E+00	2.27E-01	9.09E-01	1.34E-01	1.03E-01	1.52E-02	6.41E-10	9.48E-11
7.45E-01	1.16E-01	1.14E+01	1.53E+00	7.20E+00	9.74E-01	5.40E+00	7.23E-01	2.88E+00	4.21E-01	1.43E+00	1.99E-01	8.75E-01	1.19E-01	1.07E-01	1.43E-02	6.68E-10	8.92E-11
1.24E+00	1.20E-01	1.13E+01	1.32E+00	7.01E+00	8.40E-01	5.67E+00	6.36E-01	3.09E+00	3.48E-01	1.64E+00	1.64E-01	1.06E+00	1.02E-01	1.13E-01	1.27E-02	6.96E-10	7.88E-11
1.60E+00	1.33E-01	1.78E+01	1.18E+00	1.13E+01	7.40E-01	8.16E+00	5.61E-01	5.50E+00	3.05E-01	2.76E+00	1.75E-01	1.57E+00	9.86E-02	1.61E-01	1.12E-02	9.90E-10	6.97E-11
1.43E+00	1.26E-01	2.41E+01	1.29E+00	1.53E+01	8.19E-01	1.14E+01	6.05E-01	6.47E+00	3.55E-01	3.30E+00	1.86E-01	1.98E+00	1.09E-01	2.27E-01	1.21E-02	1.40E-09	7.41E-11
9.32E-01	1.25E-01	2.09E+01	1.22E+00	1.33E+01	7.73E-01	1.01E+01	5.80E-01	4.90E+00	3.42E-01	2.68E+00	1.92E-01	1.68E+00	1.11E-01	2.03E-01	1.16E-02	1.25E-09	7.14E-11
9.32E-01	1.45E-01	1.28E+01	1.28E+00	7.82E+00	8.21E-01	6.32E+00	5.99E-01	2.90E+00	3.61E-01	1.63E+00	1.95E-01	1.12E+00	1.15E-01	1.26E-01	1.21E-02	7.81E-10	7.31E-11
1.23E+00	1.85E-01	1.27E+01	1.38E+00	8.09E+00	8.62E-01	6.28E+00	6.48E-01	3.00E+00	3.69E-01	1.41E+00	2.04E-01	9.72E-01	1.21E-01	1.27E-01	1.27E-02	7.89E-10	7.90E-11
1.73E+00	1.96E-01	1.25E+01	1.40E+00	7.92E+00	8.79E-01	6.25E+00	6.67E-01	3.38E+00	3.92E-01	1.59E+00	2.13E-01	1.11E+00	1.19E-01	1.29E-01	1.32E-02	7.75E-10	8.21E-11
1.52E+00	2.49E-01	1.44E+01	1.30E+00	9.18E+00	8.27E-01	6.72E+00	6.13E-01	4.83E+00	4.53E-01	2.22E+00	2.56E-01	1.24E+00	1.45E-01	1.34E-01	1.21E-02	8.35E-10	7.58E-11
1.59E+00	2.44E-01	1.70E+01	1.95E+00	1.08E+01	1.24E+00	8.27E+00	8.96E-01	4.15E+00	6.35E-01	1.97E+00	2.98E-01	1.25E+00	1.68E-01	1.67E-01	1.75E-02	1.04E-09	1.09E-10
1.62E+00	1.92E-01	2.41E+01	2.13E+00	1.52E+01	1.36E+00	1.14E+01	1.01E+00	6.52E+00	5.65E-01	3.41E+00	2.72E-01	2.03E+00	1.61E-01	2.24E-01	2.02E-02	1.39E-09	1.26E-10
1.47E+00	1.35E-01	1.62E+01	1.61E+00	1.03E+01	1.03E+00	7.77E+00	7.80E-01	4.07E+00	4.88E-01	2.03E+00	2.21E-01	1.25E+00	1.24E-01	1.55E-01	1.57E-02	9.64E-10	9.73E-11
1.39E+00	1.68E-01	1.22E+01	1.73E+00	7.80E+00	1.14E+00	5.97E+00	7.90E-01	3.47E+00	6.34E-01	1.47E+00	2.36E-01	8.91E-01	1.29E-01	1.20E-01	1.58E-02	7.47E-10	9.69E-11
1.16E+00	1.23E-01	1.54E+01	2.52E+00	9.77E+00	1.63E+00	7.61E+00	1.20E+00	4.69E+00	6.92E-01	1.84E+00	3.03E-01	1.12E+00	1.84E-01	1.54E-01	2.41E-02	9.55E-10	1.49E-10
1.39E+00	9.37E-02	1.85E+01	2.09E+00	1.17E+01	1.33E+00	9.00E+00	1.02E+00	3.85E+00	4.15E-01	2.09E+00	2.31E-01	1.38E+00	1.55E-01	1.81E-01	2.07E-02	1.12E-09	1.28E-10
1.31E+00	9.55E-02	1.59E+01	1.13E+00	1.01E+01	7.10E-01	7.42E+00	5.25E-01	4.54E+00	3.30E-01	2.23E+00	1.72E-01	1.30E+00	9.95E-02	1.46E-01	1.03E-02	9.10E-10	6.38E-11
1.33E+00	1.08E-01	1.54E+01	1.36E+00	9.82E+00	8.50E-01	7.24E+00	6.39E-01	4.36E+00	3.63E-01	2.29E+00	2.02E-01	1.32E+00	1.20E-01	1.43E-01	1.25E-02	8.92E-10	7.79E-11
1.33E+00	1.13E-01	1.38E+01	1.25E+00	8.81E+00	7.74E-01	6.75E+00	5.78E-01	3.62E+00	3.48E-01	1.91E+00	1.92E-01	1.12E+00	1.12E-01	1.35E-01	1.12E-02	8.45E-10	7.02E-11
1.23E+00	1.41E-01	1.50E+01	1.43E+00	9.40E+00	8.82E-01	7.02E+00	6.65E-01	4.17E+00	3.89E-01	2.16E+00	2.25E-01	1.27E+00	1.32E-01	1.37E-01	1.29E-02	8.58E-10	8.05E-11
1.18E+00	1.46E-01	1.45E+01	1.47E+00	8.99E+00	9.07E-01	6.69E+00	6.83E-01	4.07E+00	3.96E-01	2.16E+00	2.28E-01	1.25E+00	1.34E-01	1.31E-01	1.33E-02	8.16E-10	8.29E-11
1.15E+00	1.34E-01	1.31E+01	1.34E+00	8.12E+00	8.36E-01	6.08E+00	6.16E-01	3.62E+00	4.07E-01	2.00E+00	2.12E-01	1.17E+00	1.21E-01	1.18E-01	1.19E-02	7.39E-10	7.46E-11
1.06E+00	1.05E-01	1.08E+01	1.14E+00	6.79E+00	7.09E-01	5.19E+00	5.30E-01	2.89E+00	3.19E-01	1.39E+00	1.74E-01	8.70E-01	1.01E-01	1.03E-01	1.03E-02	6.42E-10	6.44E-11
1.09E+00	1.12E-01	9.90E+00	1.09E+00	6.05E+00	6.64E-01	4.83E+00	5.12E-01	2.45E+00	2.55E-01	1.30E+00	1.63E-01	8.58E-01	9.91E-02	9.54E-02	9.96E-03	5.96E-10	6.23E-11
1.17E+00	1.15E-01	9.14E+00	1.35E+00	5.56E+00	8.51E-01	4.44E+00	6.31E-01	2.48E+00	3.78E-01	1.25E+00	1.82E-01	8.17E-01	1.07E-01	8.73E-02	1.24E-02	5.47E-10	7.77E-11
9.02E-01	1.13E-01	1.12E+01	1.30E+00	6.89E+00	8.25E-01	5.37E+00	6.16E-01	2.43E+00	3.47E-01	1.56E+00	1.67E-01	9.79E-01	1.01E-01	1.05E-01	1.21E-02	6.59E-10	7.62E-11
8.75E-01	1.22E-01	9.64E+00	8.81E-01	5.90E+00	5.44E-01	4.61E+00	4.12E-01	2.34E+00	2.47E-01	1.37E+00	1.41E-01	8.58E-01	7.89E-02	9.01E-02	8.03E-03	5.65E-10	5.03E-11
1.17E+00	1.44E-01	1.02E+01	1.06E+00	6.31E+00	6.62E-01	4.83E+00	4.91E-01	2.75E+00	3.00E-01	1.45E+00	1.69E-01	8.82E-01	9.74E-02	9.43E-02	9.60E-03	5.91E-10	5.98E-11
1.50E+00	1.50E-01	1.04E+01	1.11E+00	6.55E+00	7.00E-01	4.96E+00	5.28E-01	2.70E+00	2.92E-01	1.51E+00	1.77E-01	9.28E-01	1.02E-01	9.70E-02	1.04E-02	6.07E-10	6.46E-11
1.26E+00	1.25E-01	1.02E+01	1.36E+00	6.35E+00	8.51E-01	4.80E+00	6.32E-01	2.48E+00	3.71E-01	1.49E+00	2.09E-01	9.07E-01	1.23E-01	9.57E-02	1.25E-02	5.87E-10	7.68E-11
9.97E-01	1.07E-01	1.10E+01	1.41E+00	6.81E+00	8.91E-01	5.28E+00	6.61E-01	2.80E+00	3.74E-01	1.54E+00	2.09E-01	9.50E-01	1.24E-01	1.04E-01	1.32E-02	6.49E-10	8.07E-11
1.22E+00	1.42E-01	1.06E+01	1.21E+00	6.68E+00	7.73E-01	5.04E+00	5.73E-01	2.79E+00	3.12E-01	1.39E+00	1.72E-01	8.46E-01	1.04E-01	9.93E-02	1.15E-02	6.22E-10	7.03E-11
1.20E+00	1.58E-01	1.07E+01	1.05E+00	6.78E+00	6.53E-01	5.05E+00	5.00E-01	3.59E+00	3.69E-01	1.76E+00	1.56E-01	9.83E-01	8.42E-02	1.03E-01	9.92E-03	6.21E-10	6.19E-11
1.22E+00	1.32E-01	1.02E+01	1.17E+00	6.47E+00	7.16E-01	4.80E+00	5.30E-01	2.95E+00	3.56E-01	1.52E+00	1.94E-01	8.54E-01	1.10E-01	9.88E-02	1.02E-02	5.92E-10	6.37E-11
1.28E+00	1.47E-01	1.39E+01	1.72E+00	8.67E+00	1.07E+00	6.41E+00	7.99E-01	4.16E+00	4.77E-01	2.15E+00	2.59E-01	1.23E+00	1.51E-01	1.24E-01	1.55E-02	7.77E-10	9.73E-11
1.27E+00	1.57E-01	1.47E+01	1.52E+00	9.23E+00	9.35E-01	6.80E+00	7.04E-01	4.10E+00	4.41E-01	1.84E+00	2.41E-01	1.08E+00	1.37E-01	1.34E-01	1.37E-02	8.42E-10	8.56E-11
1.09E+00	1.82E-01	1.26E+01	2.04E+00	7.85E+00	1.26E+00	5.90E+00	9.40E-01	3.53E+00	5.82E-01	1.86E+00	3.12E-01	1.09E+00	1.80E-01	1.15E-01	1.82E-02	7.19E-10	1.14E-10
1.01E+00	1.64E-01	1.21E+01	2.01E+00	7.51E+00	1.24E+00	5.60E+00	9.27E-01	3.20E+00	5.39E-01	1.75E+00	2.95E-01	1.02E+00	1.72E-01	1.11E-01	1.81E-02	6.94E-10	1.13E-10

Scenario 2 Results

1.27E+00	1.81E-01	1.13E+01	1.51E+00	7.06E+00	9.14E-01	5.64E+00	6.89E-01	2.87E+00	4.33E-01	1.81E+00	2.40E-01	1.16E+00	1.36E-01	1.13E-01	1.33E-02	7.10E-10	8.35E-11
1.63E+00	2.07E-01	1.99E+01	1.90E+00	1.21E+01	1.18E+00	9.74E+00	8.72E-01	3.00E+00	5.72E-01	2.65E+00	3.08E-01	1.77E+00	1.75E-01	1.93E-01	1.68E-02	1.20E-09	1.05E-10
1.28E+00	2.78E-01	1.75E+01	2.27E+00	1.08E+01	1.36E+00	8.65E+00	1.01E+00	3.06E+00	6.88E-01	2.02E+00	3.82E-01	1.39E+00	2.11E-01	1.73E-01	1.93E-02	1.08E-09	1.21E-10
1.43E+00	2.99E-01	1.33E+01	3.08E+00	8.24E+00	1.88E+00	6.07E+00	1.39E+00	3.91E+00	9.12E-01	2.17E+00	4.76E-01	1.23E+00	2.67E-01	1.19E-01	2.69E-02	7.42E-10	1.68E-10
1.07E+00	2.55E-01	1.53E+01	3.40E+00	9.57E+00	2.11E+00	7.16E+00	1.57E+00	4.16E+00	9.58E-01	2.18E+00	4.86E-01	1.29E+00	2.82E-01	1.40E-01	3.06E-02	8.77E-10	1.92E-10
9.18E-01	1.97E-01	1.32E+01	2.92E+00	8.30E+00	1.83E+00	6.41E+00	1.37E+00	3.55E+00	7.81E-01	1.86E+00	3.96E-01	1.10E+00	2.36E-01	1.29E-01	2.69E-02	8.06E-10	1.68E-10
8.68E-01	2.39E-01	1.15E+01	2.02E+00	7.05E+00	1.28E+00	5.49E+00	9.60E-01	2.93E+00	5.16E-01	1.65E+00	2.91E-01	1.03E+00	1.65E-01	1.08E-01	1.89E-02	6.72E-10	1.18E-10
9.66E-01	2.61E-01	1.06E+01	1.88E+00	6.55E+00	1.15E+00	5.04E+00	8.52E-01	2.59E+00	5.37E-01	1.49E+00	3.17E-01	9.18E-01	1.73E-01	9.89E-02	1.65E-02	6.18E-10	1.03E-10
7.43E-01	1.37E-01	8.97E+00	2.01E+00	5.80E+00	1.28E+00	4.27E+00	9.44E-01	2.51E+00	5.81E-01	1.05E+00	2.67E-01	6.39E-01	1.58E-01	8.50E-02	1.86E-02	5.30E-10	1.16E-10
6.02E-01	1.41E-01	1.04E+01	2.21E+00	6.72E+00	1.41E+00	4.94E+00	1.05E+00	2.95E+00	5.97E-01	1.24E+00	2.76E-01	8.24E-01	1.68E-01	9.82E-02	2.08E-02	6.14E-10	1.30E-10
7.85E-01	1.53E-01	1.20E+01	2.00E+00	7.38E+00	1.27E+00	5.96E+00	9.57E-01	3.13E+00	5.02E-01	1.52E+00	2.40E-01	1.05E+00	1.49E-01	1.18E-01	1.90E-02	7.37E-10	1.19E-10
8.43E-01	1.74E-01	1.31E+01	1.53E+00	8.33E+00	9.63E-01	6.26E+00	7.29E-01	3.21E+00	4.20E-01	1.53E+00	2.30E-01	9.69E-01	1.31E-01	1.25E-01	1.45E-02	7.79E-10	9.07E-11
8.86E-01	1.73E-01	1.28E+01	1.54E+00	8.13E+00	9.68E-01	6.25E+00	7.16E-01	3.19E+00	4.39E-01	1.57E+00	2.51E-01	9.42E-01	1.44E-01	1.25E-01	1.40E-02	7.82E-10	8.80E-11
9.87E-01	1.50E-01	1.24E+01	1.65E+00	7.86E+00	1.02E+00	6.07E+00	7.64E-01	2.99E+00	4.62E-01	1.53E+00	2.53E-01	9.58E-01	1.47E-01	1.22E-01	1.48E-02	7.59E-10	9.27E-11
8.83E-01	1.22E-01	1.09E+01	1.71E+00	6.88E+00	1.07E+00	5.37E+00	7.99E-01	3.19E+00	4.77E-01	1.55E+00	2.39E-01	8.95E-01	1.41E-01	1.07E-01	1.56E-02	6.68E-10	9.78E-11
7.43E-01	1.25E-01	1.19E+01	1.65E+00	7.56E+00	1.05E+00	5.66E+00	7.78E-01	3.08E+00	4.55E-01	1.52E+00	2.16E-01	9.23E-01	1.29E-01	1.12E-01	1.53E-02	6.99E-10	9.59E-11
1.35E+00	1.32E-01	1.07E+01	1.48E+00	6.66E+00	9.46E-01	5.33E+00	7.07E-01	3.21E+00	3.96E-01	1.72E+00	1.86E-01	9.91E-01	1.14E-01	1.06E-01	1.41E-02	6.56E-10	8.77E-11
1.75E+00	1.42E-01	1.86E+01	1.25E+00	1.17E+01	7.92E-01	8.50E+00	6.03E-01	5.84E+00	3.21E-01	2.93E+00	1.88E-01	1.65E+00	1.06E-01	1.67E-01	1.20E-02	1.03E-09	7.48E-11
1.56E+00	1.35E-01	2.54E+01	1.32E+00	1.61E+01	8.36E-01	1.19E+01	6.18E-01	6.89E+00	3.66E-01	3.50E+00	1.95E-01	2.09E+00	1.12E-01	2.38E-01	1.23E-02	1.47E-09	7.56E-11
9.58E-01	1.34E-01	2.24E+01	1.30E+00	1.42E+01	8.23E-01	1.08E+01	6.09E-01	5.24E+00	3.75E-01	2.85E+00	2.09E-01	1.79E+00	1.21E-01	2.16E-01	1.22E-02	1.33E-09	7.50E-11
1.01E+00	1.68E-01	1.33E+01	1.44E+00	8.07E+00	9.19E-01	6.53E+00	6.70E-01	3.18E+00	4.03E-01	1.69E+00	2.16E-01	1.16E+00	1.27E-01	1.30E-01	1.35E-02	8.07E-10	8.18E-11
1.64E+00	2.17E-01	1.50E+01	1.64E+00	9.52E+00	1.02E+00	7.43E+00	7.71E-01	3.55E+00	4.30E-01	1.67E+00	2.35E-01	1.12E+00	1.41E-01	1.50E-01	1.51E-02	9.33E-10	9.43E-11
1.79E+00	2.53E-01	1.34E+01	1.48E+00	8.46E+00	9.40E-01	6.72E+00	6.92E-01	3.80E+00	4.33E-01	1.99E+00	2.61E-01	1.23E+00	1.47E-01	1.38E-01	1.36E-02	8.29E-10	8.49E-11
1.54E+00	2.69E-01	1.71E+01	1.60E+00	1.10E+01	9.98E-01	8.23E+00	7.06E-01	4.91E+00	6.07E-01	2.26E+00	2.99E-01	1.33E+00	1.68E-01	1.65E-01	1.34E-02	1.03E-09	8.34E-11
1.80E+00	2.32E-01	2.08E+01	2.16E+00	1.30E+01	1.38E+00	9.68E+00	1.02E+00	5.85E+00	6.10E-01	3.17E+00	2.91E-01	1.85E+00	1.70E-01	1.89E-01	2.01E-02	1.18E-09	1.25E-10
1.34E+00	1.31E-01	2.07E+01	1.74E+00	1.32E+01	1.11E+00	9.90E+00	8.37E-01	5.30E+00	5.05E-01	2.64E+00	2.36E-01	1.62E+00	1.33E-01	1.97E-01	1.68E-02	1.22E-09	1.04E-10
1.40E+00	1.69E-01	1.24E+01	1.62E+00	7.86E+00	1.07E+00	5.97E+00	7.38E-01	3.50E+00	5.92E-01	1.59E+00	2.27E-01	9.94E-01	1.24E-01	1.18E-01	1.48E-02	7.38E-10	9.04E-11
1.22E+00	1.58E-01	1.54E+01	2.41E+00	9.82E+00	1.57E+00	7.53E+00	1.13E+00	4.54E+00	7.44E-01	1.69E+00	3.02E-01	1.11E+00	1.77E-01	1.51E-01	2.26E-02	9.43E-10	1.40E-10
1.51E+00	1.03E-01	2.02E+01	2.61E+00	1.29E+01	1.66E+00	9.89E+00	1.27E+00	4.41E+00	5.52E-01	2.32E+00	2.92E-01	1.49E+00	1.92E-01	1.99E-01	2.57E-02	1.24E-09	1.59E-10
1.40E+00	1.05E-01	1.65E+01	1.18E+00	1.04E+01	7.37E-01	7.62E+00	5.70E-01	4.94E+00	3.34E-01	2.43E+00	1.75E-01	1.39E+00	9.98E-02	1.49E-01	1.13E-02	9.29E-10	7.04E-11
1.37E+00	1.13E-01	1.61E+01	1.42E+00	1.02E+01	8.82E-01	7.72E+00	6.62E-01	4.65E+00	3.78E-01	2.24E+00	2.10E-01	1.30E+00	1.25E-01	1.54E-01	1.30E-02	9.56E-10	8.08E-11
1.36E+00	1.20E-01	1.38E+01	1.31E+00	8.80E+00	8.15E-01	6.71E+00	6.09E-01	3.83E+00	3.69E-01	2.01E+00	2.03E-01	1.18E+00	1.18E-01	1.34E-01	1.18E-02	8.39E-10	7.39E-11
1.31E+00	1.53E-01	1.54E+01	1.52E+00	9.67E+00	9.30E-01	7.24E+00	7.01E-01	4.34E+00	4.15E-01	2.24E+00	2.41E-01	1.31E+00	1.41E-01	1.41E-01	1.35E-02	8.84E-10	8.48E-11
1.22E+00	1.60E-01	1.54E+01	1.57E+00	9.50E+00	9.70E-01	7.24E+00	7.33E-01	4.20E+00	4.15E-01	2.24E+00	2.40E-01	1.36E+00	1.42E-01	1.42E-01	1.43E-02	8.84E-10	8.91E-11
1.16E+00	1.40E-01	1.34E+01	1.37E+00	8.31E+00	8.46E-01	6.22E+00	6.33E-01	3.69E+00	4.02E-01	1.99E+00	2.21E-01	1.17E+00	1.28E-01	1.21E-01	1.22E-02	7.57E-10	7.65E-11
1.10E+00	1.20E-01	1.11E+01	1.17E+00	6.95E+00	7.31E-01	5.34E+00	5.46E-01	2.88E+00	3.28E-01	1.37E+00	1.78E-01	8.72E-01	1.04E-01	1.06E-01	1.06E-02	6.62E-10	6.65E-11
1.24E+00	1.22E-01	9.95E+00	1.19E+00	6.10E+00	7.28E-01	4.87E+00	5.61E-01	2.52E+00	2.79E-01	1.33E+00	1.75E-01	8.78E-01	1.06E-01	9.59E-02	1.09E-02	5.99E-10	6.84E-11
1.03E+00	1.18E-01	1.03E+01	1.42E+00	6.26E+00	9.01E-01	4.98E+00	6.69E-01	2.39E+00	3.92E-01	1.41E+00	1.87E-01	9.12E-01	1.12E-01	9.77E-02	1.32E-02	6.12E-10	8.26E-11
8.75E-01	1.20E-01	1.09E+01	1.21E+00	6.68E+00	7.62E-01	5.16E+00	5.70E-01	2.54E+00	3.20E-01	1.52E+00	1.56E-01	9.38E-01	9.43E-02	1.01E-01	1.12E-02	6.32E-10	7.04E-11
9.50E-01	1.35E-01	1.09E+01	9.60E-01	6.69E+00	5.98E-01	5.19E+00	4.40E-01	2.42E+00	2.85E-01	1.54E+00	1.58E-01	9.59E-01	8.91E-02	1.02E-01	8.58E-03	6.36E-10	5.35E-11
1.48E+00	1.56E-01	9.47E+00	1.14E+00	6.06E+00	7.19E-01	4.48E+00	5.37E-01	2.78E+00	3.14E-01	1.37E+00	1.83E-01	8.27E-01	1.06E-01	8.89E-02	1.05E-02	5.51E-10	6.55E-11
1.63E+00	1.51E-01	1.21E+01	1.28E+00	7.58E+00	7.98E-01	5.74E+00	5.91E-01	2.83E+00	3.58E-01	1.70E+00	2.01E-01	1.05E+00	1.17E-01	1.14E-01	1.16E-02	7.03E-10	7.17E-11
1.13E+00	1.20E-01	1.13E+01	1.49E+00	7.12E+00	9.38E-01	5.39E+00	6.97E-01	2.70E+00	4.00E-01	1.57E+00	2.25E-01	9.86E-01	1.33E-01	1.08E-01	1.38E-02	6.62E-10	8.49E-11
1.13E+00	1.23E-01	1.18E+01	1.39E+00	7.39E+00	8.82E-01	5.56E+00	6.54E-01	3.11E+00	3.60E-01	1.63E+00	1.99E-01	9.77E-01	1.20E-01	1.09E-01	1.31E-02	6.82E-10	8.02E-11
1.27E+00	1.63E-01	1.14E+01	1.10E+00	7.24E+00	6.89E-01	5.38E+00	5.26E-01	3.27E+00	3.48E-01	1.57E+00	1.45E-01	9.04E-01	8.68E-02	1.07E-01	1.04E-02	6.69E-10	6.52E-11
1.17E+00	1.36E-01	1.12E+01	1.11E+00	7.20E+00	6.85E-01	5.37E+00	5.23E-01	3.10E+00	3.59E-01	1.54E+00	1.91E-01	9.59E-01	1.07E-01	1.10E-01	1.04E-02	6.62E-10	6.49E-11
1.36E+00	1.55E-01	1.34E+01	1.69E+00	8.28E+00	1.05E+00	6.10E+00	7.81E-01	4.13E+00	4.82E-01	2.13E+00	2.61E-01	1.20E+00	1.51E-01	1.17E-01	1.51E-02	7.36E-10	9.48E-11
1.54E+00	1.85E-01	1.78E+01	1.94E+00	1.12E+01	1.19E+00	8.24E+00	8.99E-01	5.08E+00	5.18E-01	2.27E+00	2.87E-01	1.33E+00	1.68E-01	1.62E-01	1.75E-02	1.02E-09	1.10E-10
1.15E+00	1.92E-01	1.27E+01	2.05E+00	7.87E+00	1.26E+00	5.91E+00	9.39E-01	3.49E+00	5.88E-01	1.93E+00	3.18E-01	1.12E+00	1.83E-01	1.15E-01	1.82E-02	7.18E-10	1.14E-10
1.07E+00	1.70E-01	1.18E+01	1.98E+00	7.32E+00	1.21E+00	5.45E+00	9.09E-01	3.11E+00	5.33E-01	1.71E+00	2.95E-01	1.03E+00	1.71E-01	1.14E-01	1.76E-02	6.74E-10	1.11E-10
1.15E+00	1.91E-01	1.01E+01	1.53E+00	6.42E+00	9.17E-01	4.88E+00	6.92E-01	2.82E+00	4.37E-01	1.51E+00	2.47E-01	9.41E-01	1.39E-01	1.00E-01	1.33E-02	5.98E-10	8.36E-11
1.44E+00	2.11E-01	1.07E+01	1.63E+00	6.23E+00	1.00E+00	5.16E+00	7.40E-01	2.65E+00	4.99E-01	1.92E+00	2.74E-01	1.22E+00	1.55E-01	9.90E-02	1.42E-02	6.17E-10	8.88E-11
1.47E+00	2.98E-01	2.22E+01	2.31E+00	1.34E+01	1.38E+00	1.09E+01	1.01E+00	3.32E+00	7.06E-01	2.99E+00	3.96E-01	1.99E+00	2.17E-01	2.15E-01	1.93E-02	1.34E-09	1.21E-10
1.53E+00	3.12E-01	2.23E+01	3.25E+00	1.38E+01	1.99E+00	1.10E+01	1.47E+00	4.40E+00	9.66E-01	2.54E+00	5.01E-01	1.75E+00	2.81E-01	2.20E-01	2.84E-02	1.38E-09	1.78E-10
1.16E+00	2.56E-01	1.67E+01	3.65E+00	1.05E+01	2.27E+00	7.89E+00	1.69E+00	4.50E+00	1.01E+00	2.32E+00	5.12E-01	1.38E+00	2.98E-01	1.55E-01	3.31E-02	9.68E-10	2.07E-10
9.35E-01	2.47E-01	1.45E+01	2.95E+00	9.08E+00	1.85E+00	6.81E+00	1.39E+00	3.83E+00	7.71E-01	1.98E+00	3.92E-01	1.18E+00	2.36E-01	1.34E-01	2.73E-02	8.37E-10	1.71E-10
9.78E-01	2.72E-01	1.16E+01	1.95E+00	7.07E+00	1.19E+00	5.51E+00	8.84E-01	2.69E+00	5.56E-01	1.67E+00	3.18E-01	1.04E+00	1.81E-01	1.08E-01	1.71E-02	6.74E-10	1.07E-10
9.38E-01	2.81E-01	9.43E+00	1.91E+00	5.81E+00	1.17E+00	4.48E+00	8.67E-01	2.58E+00	5.52E-01	1.33E+00	3.21E-01	8.23E-01	1.77E-01	8.78E-02	1.68E-02	5.49E-10	1.05E-10
1.26E+00	3.96E-01	9.46E+00	2.30E+00	5.93E+00	1.42E+00	4.62E+00	1.06E+00	2.65E+00	6.68E-01	1.40E+00	4.17E-01	8.78E-01	2.26E-01	9.14E-02	2.05E-02	5.66E-10	1.28E-10
7.43E-01	1.27E-01	1.03E+01	1.41E+00	6.62E+00	8.83E-01	4.88E+00	6.44E-01	2.83E+00	4.40E-01	1.21E+00	2.15E-01	7.34E-01	1.22E-01	9.73E-02	1.25E-02	6.07E-10	7.81E-11
6.37E-01	1.40E-01	9.58E+00	1.87E+00	6.18E+00	1.19E+00	4.56E+00	8.73E-01	2.64E+00	5.60E-01	1.13E+00	2.57E-01	6.88E-01	1.49E-01	9.08E-02	1.71E-02	5.67E-10	1.07E-10
6.32E-01	1.49E-01	9.57E+00	2.18E+00	5.92E+00	1.39E+00	4.78E+00	1.03E+00	3.02E+00	6.11E-01	1.19E+00	2.78E-01	8.28E-01	1.66E-01	9.50E-02	2.04E-02	5.91E-10	1.27E-10
7.71E-01	1.52E-01	1.21E+01	2.15E+00	7.44E+00	1.37E+00	6.01E+00	1.03E+00	3.49E+00	5.58E-01	1.52E+00	2.61E-01	1.05E+00	1.61E-01	1.19E-01	2.04E-02	7.44E-10	1.27E-10
8.87E-01	1.80E-01	1.24E+01	1.77E+00	7.87E+00	1.13E+00	5.90E+00	8.51E-01	3.12E+00	4.32E-01	1.51E+00	2.33E-01	1.02E+00	1.37E-01	1.17E-01	1.69E-02	7.33E-10	1.06E-10
8.95E-01	1.87E-01	1.28E+01	1.52E+00	8.21E+00	9.52E-01	6.17E+00	7.15E-01	3.21E+00	4.52E-01	1.54E+00	2.56E-01	9.52E-01	1.47E-01	1.23E-01	1.40E-02	7.66E-10	8.76E-11
1.02E+00	1.66E-01	1.26E+01	1.66E+00	7.95E+00	1.02E+00	5.97E+00	7.65E-01	3.21E+00	4.64E-01	1.60E+00	2.63E-01	9.81E-01	1.53E-01	1.18E-01	1.49E-02	7.38E-10	9.35E-11
9.44E-01	1.31E-01	1.18E+01	1.78E+00	7.46E+00	1.11E+00	5.71E+00	8.30E-01	3.16E+00	4.97E-01	1.53E+00	2.55E-01	8.85E-01	1.50E-01	1.14E-01	1.62E-02	7.11E-10	1.01E-10
7.48E-01	1.35E-01	1.26E+01	1.79E+00	7.95E+00	1.14E+00	5.93E+00	8.45E-01	3.35E+00	4.96E-01	1.62E+00	2.37E-01	9.77E-01	1.41E-01	1.17E-01	1.66E-02	7.32E-10	1.04E-10
1.43E+00	1.42E-01	1.08E+01	1.62E+00	6.90E+00	1.03E+00	5.19E+00	7.68E-01	3.19E+00	4.35E-01	1.74E+00	2.04E-01	9.31E-01	1.23E-01	1.04E-01	1.52E-02	6.48E-10	9.50E-11
1.89E+00	1.46E-01	1.89E+01	1.28E+00	1.19E+01	8.13E-01	8.64E+00	6.17E-01	6.03E+00	3.30E-01	3.04E+00	1.95E-01	1.71E+00	1.10E-01	1.69E-01	1.23E-02	1.04E-09	7.66E-11
1.72E+00	1.52E-01	2.79E+01	1.41E+00	1.77E+01	8.94E-01	1.31E+01	6.61E-01	7.61E+00	3.94E-01	3.85E+00	2.18E-01	2.30E+00	1.25E-01	2.61E-01	1.31E-02	1.61E-09	8.09E-11
1.03E+00	1.49E-01	2.49E+01	1.51E+00	1.58E+01	9.58E-01	1.20E+01	7.14E-01	5.81E+00	4.36E-01	3.15E+00	2.39E-01	1.98E+00	1.39E-01	2.41E-01	1.41E-02	1.49E-09	8.72E-11
1.14E+00	2.02E-01	1.52E+01	1.69E+00	9.77E+00	1.08E+00	7.35E+00	7.88E-01	3.72E+00	4.73E-01	1.83E+00	2.49E-01	1.28E+00	1.47E-01	1.47E-01	1.59E-02	9.16E-10	9.63E-11
1.94E+00	2.50E-01	1.55E+01	1.75E+00	9.81E+00	1.09E+00	7.70E+00	8.26E-01	3.96E+00	4.65E-01	1.87E+00	2.46E-01	1.16E+00	1.49E-01	1.55E-01	1.62E-02	9.67E-10	1.01E-10
1.67E+00	2.84E-01	1.29E+01	1.44E+00	8.34E+00	9.13E-01	6.42E+00	6.74E-01	4.39E+00	4.89E-01	2.10E+00	3.02E-01	1.19E+00	1.70E-01	1.31E-01	1.33E-02	7.91E-10	8.28E-11
1.83E+00	2.78E-01	1.75E+01	2.05E+00	1.12E+01	1.30E+00	8.47E+00	9.45E-01	4.52E+00	6.40E-01	2.61E+00	3.15E-01	1.48E+00	1.76E-01	1.70E-01	1.85E-02	1.06E-09	1.15E-10
1.42E+00	1.73E-01	2.41E+01	1.93E+00	1.53E+01	1.24E+00	1.14E+01	9.23E-01	6.43E+00	5.00E-01	3.23E+00	2.64E-01	1.95E+00	1.48E-01	2.26E-01	1.84E-02	1.41E-09	1.15E-10
1.32E+00	1.55E-01	1.45E+01	1.55E+00	9.11E+00	1.02E+00	6.85E+00	7.11E-01	3.87E+00	5.35E-01	2.05E+00	2.24E-01	1.23E+00	1.24E-01	1.34E-01	1.43E-02	8.38E-10	8.70E-11
1.37E+00	1.86E-01	1.33E+01	2.19E+00	8.56E+00	1.44E+00	6.35E+00	1.01E+00	4.04E+00	7.55E-01	1.60E+00	2.88E-01	1.04E+00	1.62E-01	1.27E-01	2.02E-02	7.90E-10	1.25E-10
1.53E+00	1.21E-01	2.14E+01	3.09E+00	1.37E+01	1.98E+00	1.04E+01	1.50E+00	5.17E+00	7.18E-01	2.48E+00	3.53E-01	1.54E+00	2.27E-01	2.07E-01	3.01E-02	1.29E-09	1.87E-10
1.63E+00	1.16E-01	1.67E+01	1.63E+00	1.04E+01	1.03E+00	8.14E+00	8.05E-01	5.26E+00	3.32E-01	2.64E+00	1.91E-01	1.49E+00	1.22E-01	1.64E-01	1.63E-02	1.02E-09	1.01E-10
1.43E+00	1.24E-01	1.89E+01	1.54E+00	1.20E+01	9.58E-01	9.05E+00	7.19E-01	5.16E+00	4.15E-01	2.39E+00	2.29E-01	1.50E+00	1.35E-01	1.80E-01	1.41E-02	1.12E-09	8.76E-11
1.39E+00	1.29E-01	1.47E+01	1.42E+00	9.18E+00	8.82E-01	7.19E+00	6.59E-01	4.11E+00	4.00E-01	2.16E+00	2.19E-01	1.26E+00	1.27E-01	1.44E-01	1.28E-02	8.98E-10	8.00E-11
1.34E+00	1.63E-01	1.53E+01	1.52E+00	9.61E+00	9.31E-01	7.12E+00	7.02E-01	4.30E+00	4.22E-01	2.21E+00	2.48E-01	1.30E+00	1.44E-01	1.41E-01	1.35E-02	8.80E-10	8.46E-11
1.27E+00	1.69E-01	1.56E+01	1.57E+00	9.64E+00	9.66E-01	7.39E+00	7.33E-01	4.00E+00	4.12E-01	2.26E+00	2.45E-01	1.38E+00	1.41E-01	1.44E-01	1.43E-02	9.03E-10	8.92E-11
1.17E+00	1.42E-01	1.39E+01	1.41E+00	8.66E+00	8.71E-01	6.48E+00	6.52E-01	3.82E+00	4.03E-01	2.05E+00	2.27E-01	1.21E+00	1.31E-01	1.26E-01	1.26E-02	7.90E-10	7.88E-11
1.05E+00	1.38E-01	1.14E+01	1.20E+00	6.98E+00	7.49E-01	5.54E+00	5.61E-01	2.92E+00	3.35E-01	1.50E+00	1.81E-01	9.63E-01	1.06E-01	1.09E-01	1.09E-02	6.84E-10	6.82E-11
1.32E+00	1.35E-01	1.08E+01	1.28E+00	6.73E+00	7.89E-01	5.17E+00	6.06E-01	2.54E+00	3.39E-01	1.41E+00	1.85E-01	8.76E-01	1.12E-01	1.02E-01	1.18E-02	6.38E-10	7.41E-11
8.98E-01	1.30E-01	1.22E+01	1.54E+00	7.42E+00	9.73E-01	5.87E+00	7.25E-01	2.54E+00	4.18E-01	1.67E+00	1.99E-01	1.07E+00	1.19E-01	1.15E-01	1.43E-02	7.21E-10	8.95E-11
1.05E+00	1.36E-01	1.03E+01	1.12E+00	6.38E+00	7.05E-01	4.85E+00	5.29E-01	2.59E+00	2.94E-01	1.45E+00	1.53E-01	8.79E-01	9.20E-02	9.46E-02	1.04E-02	5.93E-10	6.52E-11
1.17E+00	1.54E-01	1.17E+01	1.12E+00	7.19E+00	7.04E-01	5.54E+00	5.20E-01	2.68E+00	3.27E-01	1.65E+00	1.82E-01	1.01E+00	1.03E-01	1.08E-01	1.01E-02	6.79E-10	6.33E-11
1.77E+00	1.65E-01	1.18E+01	1.20E+00	7.52E+00	7.52E-01	5.58E+00	5.66E-01	3.13E+00	3.21E-01	1.62E+00	1.98E-01	9.82E-01	1.14E-01	1.11E-01	1.11E-02	6.85E-10	6.93E-11
1.57E+00	1.41E-01	1.39E+01	1.51E+00	8.80E+00	9.47E-01	6.66E+00	7.02E-01	3.22E+00	4.14E-01	1.84E+00	2.33E-01	1.15E+00	1.37E-01	1.33E-01	1.39E-02	8.21E-10	8.54E-11
1.19E+00	1.11E-01	1.19E+01	1.54E+00	7.49E+00	9.75E-01	5.66E+00	7.24E-01	3.16E+00	4.05E-01	1.70E+00	2.25E-01	9.97E-01	1.34E-01	1.14E-01	1.44E-02	7.01E-10	8.85E-11
1.30E+00	1.63E-01	1.18E+01	1.23E+00	7.47E+00	7.87E-01	5.55E+00	5.84E-01	3.11E+00	3.43E-01	1.49E+00	1.72E-01	9.21E-01	1.05E-01	1.10E-01	1.18E-02	6.91E-10	7.18E-11

Scenario 2 Results

1.18E+00	1.54E-01	1.27E+01	1.25E+00	8.09E+00	7.78E-01	6.06E+00	5.95E-01	3.22E+00	3.71E-01	1.60E+00	1.80E-01	9.98E-01	1.00E-01	1.21E-01	1.18E-02	7.55E-10	7.39E-11
1.41E+00	1.64E-01	1.29E+01	1.67E+00	7.99E+00	1.03E+00	5.86E+00	7.68E-01	4.07E+00	4.85E-01	2.11E+00	2.64E-01	1.18E+00	1.51E-01	1.13E-01	1.48E-02	7.06E-10	9.29E-11
1.52E+00	1.80E-01	1.51E+01	1.92E+00	9.54E+00	1.18E+00	6.97E+00	8.88E-01	4.54E+00	5.16E-01	2.00E+00	2.88E-01	1.15E+00	1.68E-01	1.37E-01	1.72E-02	8.58E-10	1.08E-10
1.35E+00	2.25E-01	1.62E+01	2.42E+00	1.00E+01	1.49E+00	7.50E+00	1.11E+00	4.20E+00	6.94E-01	2.32E+00	3.76E-01	1.36E+00	2.15E-01	1.49E-01	2.15E-02	9.31E-10	1.35E-10
1.17E+00	1.90E-01	1.22E+01	2.07E+00	7.65E+00	1.26E+00	5.79E+00	9.48E-01	3.23E+00	5.58E-01	1.80E+00	3.11E-01	1.08E+00	1.80E-01	1.20E-01	1.84E-02	7.13E-10	1.15E-10
1.09E+00	2.05E-01	1.14E+01	1.52E+00	7.15E+00	9.08E-01	5.35E+00	6.85E-01	2.82E+00	4.60E-01	1.68E+00	2.62E-01	1.02E+00	1.44E-01	1.07E-01	1.32E-02	6.54E-10	8.25E-11
1.17E+00	2.34E-01	9.86E+00	1.74E+00	6.20E+00	1.07E+00	4.66E+00	7.95E-01	2.82E+00	5.30E-01	1.51E+00	2.94E-01	8.66E-01	1.66E-01	9.42E-02	1.52E-02	5.72E-10	9.54E-11
1.61E+00	3.00E-01	1.10E+01	2.25E+00	6.72E+00	1.34E+00	5.29E+00	9.84E-01	2.90E+00	6.93E-01	2.06E+00	3.91E-01	1.30E+00	2.13E-01	1.01E-01	1.87E-02	6.29E-10	1.17E-10
1.44E+00	2.96E-01	2.37E+01	3.12E+00	1.43E+01	1.91E+00	1.16E+01	1.41E+00	4.32E+00	9.24E-01	3.13E+00	4.78E-01	2.09E+00	2.69E-01	2.28E-01	2.72E-02	1.43E-09	1.71E-10
1.14E+00	2.26E-01	2.43E+01	3.38E+00	1.50E+01	2.11E+00	1.20E+01	1.57E+00	4.18E+00	9.31E-01	2.73E+00	4.68E-01	1.89E+00	2.74E-01	2.40E-01	3.08E-02	1.50E-09	1.93E-10
1.08E+00	2.98E-01	1.53E+01	2.87E+00	9.63E+00	1.80E+00	7.23E+00	1.36E+00	4.00E+00	7.33E-01	2.04E+00	3.74E-01	1.23E+00	2.27E-01	1.42E-01	2.67E-02	8.91E-10	1.67E-10
1.17E+00	3.21E-01	1.35E+01	2.44E+00	8.26E+00	1.49E+00	6.41E+00	1.11E+00	3.12E+00	6.94E-01	1.93E+00	4.08E-01	1.20E+00	2.26E-01	1.25E-01	2.14E-02	7.85E-10	1.34E-10
1.22E+00	3.89E-01	9.86E+00	2.25E+00	6.11E+00	1.38E+00	4.69E+00	1.03E+00	2.78E+00	6.69E-01	1.40E+00	4.05E-01	8.49E-01	2.26E-01	9.19E-02	2.00E-02	5.75E-10	1.25E-10
1.30E+00	4.33E-01	8.74E+00	2.50E+00	5.41E+00	1.51E+00	3.95E+00	1.13E+00	2.75E+00	7.84E-01	1.39E+00	4.91E-01	7.73E-01	2.66E-01	7.62E-02	2.16E-02	4.78E-10	1.36E-10
1.51E+00	5.38E-01	1.81E+01	4.73E+00	1.12E+01	2.88E+00	8.18E+00	2.12E+00	5.36E+00	1.43E+00	2.55E+00	7.80E-01	1.44E+00	4.35E-01	1.60E-01	4.08E-02	9.99E-10	2.55E-10
7.27E-01	1.25E-01	9.28E+00	1.48E+00	5.78E+00	9.39E-01	4.61E+00	7.02E-01	2.65E+00	3.95E-01	1.20E+00	1.98E-01	8.18E-01	1.19E-01	9.11E-02	1.38E-02	5.67E-10	8.64E-11
6.07E-01	1.31E-01	1.03E+01	1.36E+00	6.64E+00	8.56E-01	4.92E+00	6.42E-01	2.78E+00	3.87E-01	1.22E+00	1.98E-01	7.44E-01	1.14E-01	9.80E-02	1.26E-02	6.12E-10	7.87E-11
7.04E-01	1.39E-01	1.01E+01	1.63E+00	6.50E+00	1.04E+00	4.84E+00	7.55E-01	2.95E+00	5.10E-01	1.26E+00	2.36E-01	8.42E-01	1.35E-01	9.62E-02	1.48E-02	6.01E-10	9.21E-11
8.65E-01	1.54E-01	9.80E+00	2.06E+00	5.90E+00	1.31E+00	4.77E+00	9.65E-01	3.57E+00	6.03E-01	1.41E+00	2.70E-01	8.73E-01	1.59E-01	9.47E-02	1.90E-02	5.88E-10	1.19E-10
7.63E-01	1.61E-01	1.25E+01	2.27E+00	7.74E+00	1.45E+00	6.25E+00	1.08E+00	3.52E+00	6.16E-01	1.56E+00	2.81E-01	1.08E+00	1.71E-01	1.24E-01	2.14E-02	7.74E-10	1.34E-10
9.22E-01	1.85E-01	1.24E+01	2.04E+00	7.59E+00	1.30E+00	6.15E+00	9.80E-01	3.17E+00	5.11E-01	1.58E+00	2.49E-01	1.09E+00	1.52E-01	1.22E-01	1.95E-02	7.59E-10	1.22E-10
9.10E-01	2.00E-01	1.30E+01	1.61E+00	8.29E+00	1.00E+00	6.25E+00	7.51E-01	3.22E+00	4.50E-01	1.54E+00	2.58E-01	9.72E-01	1.47E-01	1.24E-01	1.46E-02	7.76E-10	9.17E-11
1.07E+00	1.87E-01	1.24E+01	1.67E+00	7.85E+00	1.05E+00	5.97E+00	7.78E-01	3.39E+00	4.71E-01	1.65E+00	2.77E-01	9.89E-01	1.60E-01	1.19E-01	1.52E-02	7.42E-10	9.56E-11
1.03E+00	1.52E-01	1.32E+01	1.89E+00	8.38E+00	1.18E+00	6.38E+00	8.83E-01	3.25E+00	5.30E-01	1.57E+00	2.79E-01	1.00E+00	1.63E-01	1.27E-01	1.72E-02	7.93E-10	1.08E-10
8.03E-01	1.47E-01	1.30E+01	1.93E+00	8.21E+00	1.22E+00	6.10E+00	9.10E-01	3.66E+00	5.37E-01	1.71E+00	2.59E-01	1.02E+00	1.54E-01	1.20E-01	1.79E-02	7.51E-10	1.12E-10
1.50E+00	1.54E-01	1.18E+01	1.75E+00	7.46E+00	1.12E+00	5.65E+00	8.31E-01	3.18E+00	4.73E-01	1.76E+00	2.22E-01	9.38E-01	1.34E-01	1.12E-01	1.64E-02	7.02E-10	1.03E-10
2.13E+00	1.66E-01	2.09E+01	1.52E+00	1.31E+01	9.68E-01	9.51E+00	7.32E-01	6.71E+00	3.82E-01	3.36E+00	2.29E-01	1.88E+00	1.30E-01	1.86E-01	1.46E-02	1.15E-09	9.10E-11
1.95E+00	1.76E-01	3.20E+01	1.58E+00	2.03E+01	1.00E+00	1.50E+01	7.44E-01	8.74E+00	4.49E-01	4.39E+00	2.56E-01	2.61E+00	1.46E-01	2.99E-01	1.47E-02	1.85E-09	9.07E-11
1.18E+00	1.74E-01	2.85E+01	1.75E+00	1.81E+01	1.11E+00	1.37E+01	8.31E-01	6.62E+00	5.02E-01	3.56E+00	2.73E-01	2.25E+00	1.59E-01	2.75E-01	1.64E-02	1.70E-09	1.02E-10
1.51E+00	2.35E-01	1.57E+01	1.71E+00	1.01E+01	1.10E+00	7.66E+00	8.00E-01	3.74E+00	4.84E-01	1.96E+00	2.56E-01	1.34E+00	1.50E-01	1.54E-01	1.62E-02	9.52E-10	9.79E-11
2.00E+00	2.93E-01	1.52E+01	1.71E+00	9.70E+00	1.07E+00	7.25E+00	8.10E-01	3.97E+00	4.75E-01	1.91E+00	2.94E-01	1.21E+00	1.64E-01	1.44E-01	1.59E-02	9.01E-10	9.94E-11
1.74E+00	3.22E-01	1.57E+01	1.68E+00	1.02E+01	1.04E+00	7.44E+00	7.41E-01	4.67E+00	6.25E-01	2.17E+00	3.40E-01	1.32E+00	1.92E-01	1.48E-01	1.41E-02	9.24E-10	8.77E-11
1.78E+00	2.33E-01	2.23E+01	2.05E+00	1.40E+01	1.31E+00	1.04E+01	9.68E-01	6.39E+00	5.69E-01	3.30E+00	2.96E-01	1.93E+00	1.65E-01	2.03E-01	1.92E-02	1.27E-09	1.19E-10
1.44E+00	1.39E-01	1.66E+01	1.62E+00	1.06E+01	1.03E+00	7.96E+00	7.80E-01	4.16E+00	5.69E-01	2.23E+00	2.39E-01	1.27E+00	1.33E-01	1.58E-01	1.56E-02	9.86E-10	9.72E-11
1.46E+00	1.99E-01	1.39E+01	2.01E+00	8.90E+00	1.32E+00	6.71E+00	9.18E-01	3.80E+00	7.35E-01	1.75E+00	2.75E-01	1.07E+00	1.50E-01	1.34E-01	1.83E-02	8.38E-10	1.13E-10
1.36E+00	1.67E-01	1.91E+01	3.19E+00	1.23E+01	2.05E+00	9.44E+00	1.52E+00	5.53E+00	8.41E-01	2.40E+00	3.78E-01	1.42E+00	2.33E-01	1.90E-01	3.05E-02	1.19E-09	1.89E-10
2.00E+00	1.27E-01	2.05E+01	2.32E+00	1.29E+01	1.47E+00	1.01E+01	1.14E+00	5.21E+00	4.42E-01	2.78E+00	2.54E-01	1.54E+00	1.71E-01	2.03E-01	2.29E-02	1.27E-09	1.42E-10
1.45E+00	1.36E-01	2.14E+01	1.61E+00	1.35E+01	9.98E-01	1.02E+01	7.48E-01	5.60E+00	4.40E-01	2.73E+00	2.43E-01	1.68E+00	1.43E-01	2.02E-01	1.46E-02	1.26E-09	9.10E-11
1.45E+00	1.40E-01	1.64E+01	1.55E+00	9.99E+00	9.62E-01	8.01E+00	7.18E-01	4.42E+00	4.38E-01	2.32E+00	2.38E-01	1.34E+00	1.38E-01	1.60E-01	1.39E-02	1.00E-09	8.72E-11
1.38E+00	1.78E-01	1.58E+01	1.57E+00	1.01E+01	9.60E-01	7.54E+00	7.23E-01	4.37E+00	4.41E-01	2.26E+00	2.61E-01	1.38E+00	1.51E-01	1.49E-01	1.39E-02	9.34E-10	8.70E-11
1.33E+00	1.85E-01	1.67E+01	1.66E+00	1.03E+01	1.03E+00	7.93E+00	7.81E-01	4.01E+00	4.45E-01	2.40E+00	2.65E-01	1.47E+00	1.52E-01	1.55E-01	1.52E-02	9.70E-10	9.51E-11
1.44E+00	1.57E-01	1.55E+01	1.57E+00	9.62E+00	9.69E-01	7.22E+00	7.26E-01	4.20E+00	4.47E-01	2.26E+00	2.50E-01	1.33E+00	1.44E-01	1.41E-01	1.40E-02	8.81E-10	8.78E-11
1.50E+00	1.74E-01	1.36E+01	1.36E+00	8.28E+00	8.45E-01	6.64E+00	6.33E-01	3.47E+00	3.76E-01	1.87E+00	2.12E-01	1.16E+00	1.27E-01	1.31E-01	1.23E-02	8.19E-10	7.71E-11
1.39E+00	1.60E-01	1.30E+01	1.51E+00	8.04E+00	9.54E-01	6.24E+00	7.06E-01	3.02E+00	4.33E-01	1.71E+00	2.11E-01	1.08E+00	1.26E-01	1.23E-01	1.38E-02	7.69E-10	8.68E-11
1.19E+00	1.55E-01	1.44E+01	1.66E+00	8.82E+00	1.05E+00	6.92E+00	7.82E-01	3.17E+00	4.48E-01	1.99E+00	2.14E-01	1.26E+00	1.28E-01	1.36E-01	1.54E-02	8.50E-10	9.66E-11
1.27E+00	1.67E-01	1.27E+01	1.14E+00	7.78E+00	7.02E-01	6.08E+00	5.33E-01	3.14E+00	3.37E-01	1.80E+00	1.89E-01	1.13E+00	1.03E-01	1.19E-01	1.04E-02	7.45E-10	6.49E-11
1.68E+00	1.78E-01	1.12E+01	1.28E+00	6.93E+00	8.07E-01	5.32E+00	6.00E-01	3.24E+00	3.60E-01	1.57E+00	2.10E-01	9.59E-01	1.19E-01	1.04E-01	1.17E-02	6.51E-10	7.33E-11
1.93E+00	1.67E-01	1.45E+01	1.43E+00	9.27E+00	8.93E-01	6.90E+00	6.61E-01	3.74E+00	4.03E-01	1.88E+00	2.27E-01	1.16E+00	1.32E-01	1.38E-01	1.30E-02	8.51E-10	8.00E-11
1.33E+00	1.31E-01	1.54E+01	1.66E+00	9.79E+00	1.04E+00	7.43E+00	7.74E-01	3.55E+00	4.43E-01	1.92E+00	2.48E-01	1.22E+00	1.47E-01	1.49E-01	1.54E-02	9.21E-10	9.44E-11
1.34E+00	1.47E-01	1.24E+01	1.44E+00	7.79E+00	9.12E-01	5.88E+00	6.78E-01	3.18E+00	3.66E-01	1.66E+00	2.03E-01	1.00E+00	1.23E-01	1.15E-01	1.36E-02	7.23E-10	8.32E-11
1.34E+00	1.74E-01	1.39E+01	1.27E+00	8.79E+00	7.91E-01	6.60E+00	6.07E-01	3.42E+00	3.97E-01	1.60E+00	1.73E-01	9.89E-01	9.92E-02	1.32E-01	1.20E-02	8.23E-10	7.53E-11
1.43E+00	1.71E-01	1.37E+01	1.62E+00	8.69E+00	9.97E-01	6.55E+00	7.42E-01	3.92E+00	4.80E-01	2.05E+00	2.63E-01	1.14E+00	1.50E-01	1.31E-01	1.42E-02	8.17E-10	8.94E-11
1.59E+00	1.88E-01	1.42E+01	2.05E+00	8.94E+00	1.26E+00	6.58E+00	9.49E-01	4.39E+00	5.53E-01	1.94E+00	3.09E-01	1.10E+00	1.81E-01	1.30E-01	1.84E-02	8.16E-10	1.16E-10
1.39E+00	2.32E-01	1.67E+01	2.42E+00	1.03E+01	1.49E+00	7.67E+00	1.11E+00	4.27E+00	6.95E-01	2.31E+00	3.80E-01	1.35E+00	2.17E-01	1.52E-01	2.14E-02	9.52E-10	1.34E-10
1.33E+00	2.20E-01	1.39E+01	2.32E+00	8.58E+00	1.42E+00	6.37E+00	1.07E+00	3.69E+00	6.25E-01	2.04E+00	3.51E-01	1.19E+00	2.03E-01	1.32E-01	2.07E-02	7.88E-10	1.30E-10
1.16E+00	2.31E-01	1.38E+01	1.66E+00	8.75E+00	9.89E-01	6.53E+00	7.41E-01	3.41E+00	5.25E-01	1.93E+00	2.99E-01	1.17E+00	1.65E-01	1.31E-01	1.42E-02	8.02E-10	8.90E-11
1.16E+00	2.57E-01	1.19E+01	1.88E+00	7.56E+00	1.15E+00	5.67E+00	8.58E-01	3.11E+00	5.64E-01	1.73E+00	3.15E-01	9.98E-01	1.78E-01	1.15E-01	1.64E-02	6.99E-10	1.03E-10
1.56E+00	3.13E-01	1.12E+01	2.44E+00	7.19E+00	1.46E+00	5.28E+00	1.07E+00	3.11E+00	7.49E-01	1.77E+00	4.17E-01	1.02E+00	2.28E-01	1.05E-01	2.05E-02	6.50E-10	1.28E-10
1.71E+00	2.82E-01	1.39E+01	3.17E+00	8.65E+00	1.95E+00	6.40E+00	1.44E+00	4.13E+00	9.22E-01	2.30E+00	4.76E-01	1.46E+00	2.70E-01	1.24E-01	2.79E-02	7.76E-10	1.75E-10
1.26E+00	2.51E-01	2.55E+01	3.05E+00	1.54E+01	1.90E+00	1.25E+01	1.42E+00	3.80E+00	8.19E-01	3.24E+00	4.15E-01	2.17E+00	2.45E-01	2.46E-01	2.79E-02	1.54E-09	1.75E-10
1.07E+00	3.00E-01	2.24E+01	2.15E+00	1.38E+01	1.35E+00	1.10E+01	1.02E+00	3.41E+00	5.96E-01	2.51E+00	3.47E-01	1.74E+00	1.97E-01	2.20E-01	2.01E-02	1.38E-09	1.26E-10
1.21E+00	3.83E-01	1.23E+01	2.42E+00	7.54E+00	1.48E+00	5.86E+00	1.10E+00	3.11E+00	7.03E-01	1.79E+00	4.07E-01	1.11E+00	2.27E-01	1.14E-01	2.14E-02	7.16E-10	1.34E-10
1.58E+00	5.14E-01	1.09E+01	3.05E+00	6.76E+00	1.85E+00	5.20E+00	1.38E+00	3.27E+00	9.10E-01	1.67E+00	5.75E-01	9.21E-01	3.12E-01	1.02E-01	2.64E-02	6.39E-10	1.66E-10
1.35E+00	4.89E-01	1.26E+01	3.74E+00	7.74E+00	2.25E+00	5.64E+00	1.66E+00	3.87E+00	1.16E+00	1.82E+00	6.51E-01	1.01E+00	3.58E-01	1.10E-01	3.16E-02	6.86E-10	1.98E-10
1.38E+00	4.21E-01	1.52E+01	4.62E+00	9.41E+00	2.84E+00	6.95E+00	2.10E+00	4.27E+00	1.35E+00	2.05E+00	7.02E-01	1.18E+00	3.98E-01	1.36E-01	4.07E-02	8.53E-10	2.55E-10
2.01E+00	5.23E-01	2.19E+01	7.55E+00	1.36E+01	4.71E+00	1.01E+01	3.52E+00	6.38E+00	2.02E+00	3.36E+00	1.01E+00	1.94E+00	5.97E-01	1.95E-01	6.91E-02	1.22E-09	4.33E-10
6.73E-01	1.14E-01	1.33E+01	1.47E+00	8.27E+00	9.36E-01	6.63E+00	6.91E-01	2.41E+00	4.15E-01	1.65E+00	1.90E-01	1.14E+00	1.14E-01	1.32E-01	1.36E-02	8.20E-10	8.53E-11
6.79E-01	1.29E-01	1.16E+01	1.52E+00	7.19E+00	9.68E-01	5.80E+00	7.21E-01	2.62E+00	4.12E-01	1.47E+00	1.99E-01	1.02E+00	1.20E-01	1.15E-01	1.42E-02	7.16E-10	8.89E-11
7.72E-01	1.35E-01	9.97E+00	1.46E+00	6.38E+00	9.23E-01	4.77E+00	6.91E-01	2.72E+00	3.85E-01	1.17E+00	1.97E-01	7.78E-01	1.19E-01	9.50E-02	1.36E-02	5.93E-10	8.50E-11
1.06E+00	1.37E-01	1.21E+01	1.50E+00	7.38E+00	9.45E-01	5.94E+00	7.25E-01	3.40E+00	4.64E-01	1.56E+00	2.21E-01	1.05E+00	1.24E-01	1.18E-01	1.45E-02	7.36E-10	9.04E-11
1.06E+00	1.59E-01	1.10E+01	1.92E+00	6.81E+00	1.23E+00	5.39E+00	8.95E-01	3.53E+00	5.93E-01	1.47E+00	2.63E-01	9.82E-01	1.52E-01	1.07E-01	1.76E-02	6.65E-10	1.10E-10
7.69E-01	1.72E-01	1.28E+01	2.30E+00	7.93E+00	1.47E+00	6.41E+00	1.08E+00	3.30E+00	6.53E-01	1.59E+00	2.91E-01	1.11E+00	1.74E-01	1.27E-01	2.14E-02	7.94E-10	1.34E-10
9.32E-01	1.87E-01	1.32E+01	2.28E+00	8.09E+00	1.46E+00	6.56E+00	1.09E+00	3.12E+00	5.94E-01	1.68E+00	2.76E-01	1.16E+00	1.70E-01	1.30E-01	2.16E-02	8.11E-10	1.35E-10
1.01E+00	2.15E-01	1.29E+01	1.86E+00	8.24E+00	1.19E+00	6.22E+00	8.97E-01	3.25E+00	4.76E-01	1.54E+00	2.65E-01	9.74E-01	1.51E-01	1.24E-01	1.78E-02	7.72E-10	1.11E-10
1.15E+00	2.15E-01	1.42E+01	1.77E+00	8.99E+00	1.10E+00	6.88E+00	8.16E-01	3.64E+00	5.23E-01	1.74E+00	3.02E-01	1.09E+00	1.73E-01	1.37E-01	1.60E-02	8.54E-10	1.00E-10
1.15E+00	1.81E-01	1.48E+01	2.07E+00	9.38E+00	1.28E+00	7.10E+00	9.61E-01	3.61E+00	5.79E-01	1.81E+00	3.13E-01	1.13E+00	1.83E-01	1.41E-01	1.86E-02	8.80E-10	1.17E-10
9.12E-01	1.62E-01	1.33E+01	2.12E+00	8.42E+00	1.33E+00	6.22E+00	9.94E-01	3.98E+00	5.89E-01	1.80E+00	2.89E-01	1.05E+00	1.71E-01	1.22E-01	1.95E-02	7.65E-10	1.22E-10
1.62E+00	1.79E-01	1.40E+01	2.14E+00	8.85E+00	1.36E+00	6.69E+00	1.01E+00	3.84E+00	5.82E-01	1.85E+00	2.71E-01	1.04E+00	1.64E-01	1.33E-01	2.00E-02	8.31E-10	1.25E-10
2.39E+00	1.90E-01	2.27E+01	1.78E+00	1.42E+01	1.13E+00	1.03E+01	8.55E-01	7.40E+00	4.39E-01	3.69E+00	2.63E-01	2.06E+00	1.49E-01	2.00E-01	1.70E-02	1.24E-09	1.06E-10
2.17E+00	1.93E-01	3.52E+01	1.75E+00	2.23E+01	1.10E+00	1.65E+01	8.23E-01	9.69E+00	4.90E-01	4.82E+00	2.75E-01	2.87E+00	1.59E-01	3.28E-01	1.61E-02	2.03E-09	1.00E-10
1.25E+00	2.00E-01	3.11E+01	1.83E+00	1.97E+01	1.14E+00	1.50E+01	8.68E-01	7.16E+00	5.16E-01	3.84E+00	2.83E-01	2.44E+00	1.65E-01	3.00E-01	1.71E-02	1.86E-09	1.06E-10
1.83E+00	2.74E-01	1.58E+01	1.75E+00	1.01E+01	1.11E+00	7.69E+00	8.32E-01	4.21E+00	4.89E-01	2.03E+00	2.62E-01	1.23E+00	1.55E-01	1.54E-01	1.67E-02	9.61E-10	1.04E-10
1.83E+00	3.33E-01	1.47E+01	1.56E+00	9.32E+00	9.75E-01	7.03E+00	7.39E-01	4.14E+00	4.75E-01	1.98E+00	3.33E-01	1.12E+00	1.87E-01	1.40E-01	1.45E-02	8.72E-10	9.06E-11
1.99E+00	3.08E-01	1.65E+01	1.95E+00	1.06E+01	1.23E+00	7.95E+00	8.97E-01	4.83E+00	6.20E-01	2.73E+00	3.39E-01	1.53E+00	1.90E-01	1.59E-01	1.74E-02	9.91E-10	1.09E-10
1.59E+00	1.83E-01	2.29E+01	1.93E+00	1.45E+01	1.23E+00	1.09E+01	9.22E-01	6.09E+00	5.68E-01	3.05E+00	2.79E-01	1.84E+00	1.56E-01	2.14E-01	1.83E-02	1.34E-09	1.14E-10
1.43E+00	1.94E-01	1.71E+01	2.02E+00	1.07E+01	1.30E+00	8.07E+00	9.27E-01	4.56E+00	6.98E-01	2.44E+00	2.85E-01	1.46E+00	1.59E-01	1.58E-01	1.81E-02	9.86E-10	1.13E-10
1.52E+00	2.25E-01	2.02E+01	3.24E+00	1.29E+01	2.10E+00	9.90E+00	1.52E+00	5.84E+00	9.88E-01	2.33E+00	4.04E-01	1.45E+00	2.37E-01	1.98E-01	3.04E-02	1.24E-09	1.88E-10
2.37E+00	1.50E-01	2.52E+01	3.27E+00	1.59E+01	2.08E+00	1.24E+01	1.60E+00	5.01E+00	6.72E-01	2.90E+00	3.62E-01	1.84E+00	2.40E-01	2.49E-01	3.21E-02	1.55E-09	2.00E-10
1.51E+00	1.54E-01	2.42E+01	1.68E+00	1.52E+01	1.04E+00	1.14E+01	7.77E-01	6.30E+00	4.69E-01	3.21E+00	2.60E-01	1.94E+00	1.52E-01	2.26E-01	1.51E-02	1.41E-09	9.43E-11
1.53E+00	1.53E-01	1.88E+01	1.66E+00	1.14E+01	1.03E+00	9.18E+00	7.66E-01	4.63E+00	4.71E-01	2.43E+00	2.56E-01	1.51E+00	1.48E-01	1.83E-01	1.48E-02	1.15E-09	9.29E-11
1.44E+00	1.95E-01	1.68E+01	1.64E+00	1.08E+01	9.93E-01	8.05E+00	7.48E-01	4.52E+00	4.64E-01	2.42E+00	2.77E-01	1.49E+00	1.59E-01	1.59E-01	1.43E-02	9.97E-10	8.97E-11
1.53E+00	2.10E-01	1.87E+01	1.86E+00	1.15E+01	1.15E+00	8.87E+00	8.76E-01	4.33E+00	5.02E-01	2.66E+00	3.00E-01	1.64E+00	1.72E-01	1.73E-01	1.70E-02	1.09E-09	1.07E-10
1.82E+00	2.20E-01	1.74E+01	1.82E+00	1.08E+01	1.13E+00	8.12E+00	8.43E-01	4.65E+00	5.20E-01	2.51E+00	2.88E-01	1.49E+00	1.66E-01	1.58E-01	1.63E-02	9.91E-10	1.02E-10
1.88E+00	2.13E-01	1.52E+01	1.62E+00	9.22E+00	9.86E-01	7.45E+00	7.62E-01	4.00E+00	4.31E-01	2.25E+00	2.52E-01	1.33E+00	1.51E-01	1.47E-01	1.47E-02	9.18E-10	9.23E-11
1.26E+00	1.82E-01	1.33E+01	1.82E+00	8.14E+00	1.15E+00	6.39E+00	8.53E-01	3.33E+00	5.08E-01	1.73E+00	2.43E-01	1.11E+00	1.44E-01	1.26E-01	1.67E-02	7.88E-10	1.05E-10

Scenario 2 Results

1.48E+00	1.90E-01	1.58E+01	1.66E+00	9.68E+00	1.05E+00	7.53E+00	7.86E-01	3.66E+00	4.47E-01	2.18E+00	2.17E-01	1.36E+00	1.31E-01	1.47E-01	1.54E-02	9.24E-10	9.69E-11
1.54E+00	2.11E-01	1.57E+01	1.40E+00	9.61E+00	8.75E-01	7.47E+00	6.43E-01	3.43E+00	4.16E-01	2.19E+00	2.37E-01	1.37E+00	1.31E-01	1.46E-01	1.25E-02	9.15E-10	7.84E-11
2.25E+00	2.04E-01	1.36E+01	1.43E+00	8.79E+00	9.01E-01	6.44E+00	6.78E-01	4.16E+00	4.00E-01	1.93E+00	2.45E-01	1.16E+00	1.39E-01	1.26E-01	1.33E-02	7.87E-10	8.30E-11
1.82E+00	1.58E-01	1.74E+01	1.77E+00	1.11E+01	1.11E+00	8.33E+00	8.25E-01	4.28E+00	4.86E-01	2.14E+00	2.73E-01	1.34E+00	1.60E-01	1.67E-01	1.63E-02	1.03E-09	1.00E-10
1.42E+00	1.31E-01	1.58E+01	1.68E+00	1.01E+01	1.06E+00	7.67E+00	7.91E-01	3.91E+00	4.35E-01	1.90E+00	2.42E-01	1.21E+00	1.45E-01	1.54E-01	1.58E-02	9.55E-10	9.70E-11
1.46E+00	1.82E-01	1.24E+01	1.19E+00	7.96E+00	7.60E-01	5.90E+00	5.64E-01	3.22E+00	3.99E-01	1.72E+00	1.68E-01	1.02E+00	1.01E-01	1.20E-01	1.14E-02	7.28E-10	6.94E-11
1.47E+00	1.81E-01	1.47E+01	1.60E+00	9.30E+00	9.84E-01	7.02E+00	7.30E-01	3.87E+00	4.84E-01	2.02E+00	2.67E-01	1.12E+00	1.51E-01	1.40E-01	1.40E-02	8.76E-10	8.77E-11
1.63E+00	1.94E-01	1.42E+01	2.15E+00	8.99E+00	1.32E+00	6.61E+00	9.95E-01	4.11E+00	5.85E-01	2.06E+00	3.27E-01	1.19E+00	1.91E-01	1.30E-01	1.93E-02	8.18E-10	1.21E-10
1.42E+00	2.43E-01	1.68E+01	2.44E+00	1.03E+01	1.50E+00	7.70E+00	1.12E+00	4.35E+00	7.02E-01	2.32E+00	3.88E-01	1.35E+00	2.22E-01	1.52E-01	2.16E-02	9.54E-10	1.35E-10
1.40E+00	2.44E-01	1.58E+01	2.45E+00	1.01E+01	1.49E+00	7.43E+00	1.12E+00	4.42E+00	6.56E-01	2.20E+00	3.72E-01	1.31E+00	2.16E-01	1.48E-01	2.18E-02	9.11E-10	1.36E-10
1.29E+00	2.62E-01	1.66E+01	1.92E+00	1.06E+01	1.17E+00	7.89E+00	8.60E-01	4.13E+00	6.12E-01	2.20E+00	3.46E-01	1.35E+00	1.91E-01	1.59E-01	1.63E-02	9.73E-10	1.02E-10
1.40E+00	3.18E-01	1.42E+01	2.33E+00	9.09E+00	1.43E+00	6.82E+00	1.07E+00	3.65E+00	6.79E-01	1.98E+00	3.87E-01	1.16E+00	2.17E-01	1.38E-01	2.05E-02	8.44E-10	1.29E-10
1.58E+00	3.24E-01	1.33E+01	2.74E+00	8.40E+00	1.64E+00	6.19E+00	1.21E+00	3.60E+00	8.27E-01	2.10E+00	4.53E-01	1.23E+00	2.49E-01	1.23E-01	2.32E-02	7.52E-10	1.46E-10
1.51E+00	2.60E-01	1.37E+01	3.23E+00	8.50E+00	1.99E+00	6.34E+00	1.48E+00	3.85E+00	9.07E-01	2.03E+00	4.69E-01	1.18E+00	2.69E-01	1.23E-01	2.88E-02	7.73E-10	1.80E-10
1.61E+00	3.00E-01	1.68E+01	2.70E+00	9.89E+00	1.69E+00	8.11E+00	1.27E+00	3.44E+00	7.00E-01	2.58E+00	3.66E-01	1.67E+00	2.16E-01	1.58E-01	2.49E-02	9.86E-10	1.56E-10
1.17E+00	3.22E-01	2.59E+01	2.33E+00	1.57E+01	1.42E+00	1.27E+01	1.06E+00	3.87E+00	6.57E-01	3.16E+00	3.86E-01	2.14E+00	2.13E-01	2.51E-01	2.04E-02	1.57E-09	1.28E-10
1.44E+00	4.58E-01	1.90E+01	2.58E+00	1.17E+01	1.55E+00	9.36E+00	1.16E+00	2.92E+00	7.68E-01	2.16E+00	4.87E-01	1.49E+00	2.65E-01	1.87E-01	2.19E-02	1.17E-09	1.38E-10
1.59E+00	5.52E-01	1.14E+01	3.79E+00	7.05E+00	2.26E+00	5.20E+00	1.67E+00	3.59E+00	1.18E+00	1.85E+00	6.91E-01	9.97E-01	3.78E-01	1.01E-01	3.15E-02	6.33E-10	1.98E-10
1.51E+00	5.26E-01	1.82E+01	5.66E+00	1.12E+01	3.47E+00	8.28E+00	2.57E+00	5.23E+00	1.66E+00	2.48E+00	8.63E-01	1.41E+00	4.88E-01	1.62E-01	4.97E-02	1.02E-09	3.12E-10
1.72E+00	4.90E-01	1.67E+01	6.00E+00	1.04E+01	3.73E+00	7.77E+00	2.78E+00	4.95E+00	1.65E+00	2.60E+00	8.25E-01	1.46E+00	4.81E-01	1.53E-01	5.43E-02	9.59E-10	3.41E-10
1.79E+00	5.27E-01	1.84E+01	5.55E+00	1.17E+01	3.47E+00	8.51E+00	2.60E+00	6.16E+00	1.46E+00	2.88E+00	7.22E-01	1.63E+00	4.31E-01	1.64E-01	5.10E-02	1.03E-09	3.20E-10
2.32E+00	5.59E-01	2.94E+01	5.42E+00	1.85E+01	3.40E+00	1.39E+01	2.56E+00	8.19E+00	1.51E+00	4.32E+00	8.64E-01	2.57E+00	4.94E-01	2.69E-01	5.05E-02	1.69E-09	3.16E-10
7.00E-01	1.20E-01	1.24E+01	1.50E+00	7.73E+00	9.67E-01	6.20E+00	7.11E-01	2.42E+00	4.09E-01	1.50E+00	2.06E-01	1.05E+00	1.24E-01	1.24E-01	1.44E-02	7.70E-10	8.75E-11
6.85E-01	1.24E-01	1.34E+01	1.51E+00	8.30E+00	9.47E-01	6.69E+00	7.24E-01	2.59E+00	4.10E-01	1.63E+00	1.88E-01	1.14E+00	1.18E-01	1.33E-01	1.43E-02	8.29E-10	8.97E-11
7.40E-01	1.38E-01	1.24E+01	1.56E+00	7.67E+00	9.93E-01	6.21E+00	7.35E-01	2.59E+00	4.34E-01	1.54E+00	2.01E-01	1.08E+00	1.21E-01	1.23E-01	1.45E-02	7.68E-10	9.07E-11
1.09E+00	1.44E-01	1.21E+01	1.57E+00	7.44E+00	9.97E-01	5.97E+00	7.44E-01	2.90E+00	4.20E-01	1.50E+00	2.06E-01	1.02E+00	1.24E-01	1.19E-01	1.47E-02	7.43E-10	9.18E-11
1.24E+00	1.42E-01	1.48E+01	1.67E+00	9.03E+00	1.05E+00	7.27E+00	8.06E-01	3.16E+00	4.06E-01	1.87E+00	2.07E-01	1.27E+00	1.25E-01	1.45E-01	1.61E-02	9.02E-10	1.00E-10
1.03E+00	1.59E-01	1.29E+01	1.90E+00	7.86E+00	1.18E+00	6.35E+00	9.18E-01	3.17E+00	5.58E-01	1.69E+00	2.51E-01	1.13E+00	1.45E-01	1.26E-01	1.83E-02	7.85E-10	1.14E-10
7.34E-01	1.77E-01	1.26E+01	2.17E+00	7.79E+00	1.39E+00	6.29E+00	1.01E+00	2.99E+00	6.51E-01	1.60E+00	2.85E-01	1.08E+00	1.67E-01	1.25E-01	2.00E-02	7.80E-10	1.25E-10
9.09E-01	1.85E-01	1.41E+01	2.42E+00	8.72E+00	1.55E+00	7.06E+00	1.15E+00	2.86E+00	6.64E-01	1.77E+00	2.99E-01	1.23E+00	1.81E-01	1.40E-01	2.28E-02	8.74E-10	1.42E-10
1.11E+00	2.35E-01	1.34E+01	2.36E+00	8.54E+00	1.51E+00	6.68E+00	1.13E+00	3.73E+00	5.90E-01	1.75E+00	2.98E-01	1.20E+00	1.75E-01	1.32E-01	2.25E-02	8.24E-10	1.41E-10
1.22E+00	2.46E-01	1.58E+01	2.01E+00	1.00E+01	1.26E+00	7.69E+00	9.43E-01	3.80E+00	5.64E-01	1.88E+00	3.28E-01	1.22E+00	1.88E-01	1.52E-01	1.84E-02	9.54E-10	1.15E-10
1.22E+00	2.06E-01	1.46E+01	2.06E+00	9.26E+00	1.27E+00	6.94E+00	9.54E-01	3.85E+00	5.78E-01	1.87E+00	3.27E-01	1.14E+00	1.90E-01	1.37E-01	1.84E-02	8.57E-10	1.15E-10
1.03E+00	1.82E-01	1.50E+01	2.36E+00	9.49E+00	1.48E+00	7.29E+00	1.11E+00	4.29E+00	6.58E-01	1.89E+00	3.29E-01	1.12E+00	1.95E-01	1.45E-01	2.16E-02	9.08E-10	1.36E-10
1.73E+00	2.01E-01	1.54E+01	2.40E+00	9.77E+00	1.53E+00	7.37E+00	1.14E+00	4.36E+00	6.57E-01	1.88E+00	3.07E-01	1.16E+00	1.85E-01	1.46E-01	2.24E-02	9.14E-10	1.40E-10
2.62E+00	2.06E-01	2.33E+01	1.86E+00	1.46E+01	1.18E+00	1.05E+01	8.94E-01	7.77E+00	4.75E-01	3.87E+00	2.79E-01	2.14E+00	1.58E-01	2.04E-01	1.77E-02	1.26E-09	1.11E-10
2.32E+00	2.08E-01	3.80E+01	1.91E+00	2.41E+01	1.21E+00	1.79E+01	8.92E-01	1.05E+01	5.38E-01	5.20E+00	2.90E-01	3.09E+00	1.73E-01	3.53E-01	1.76E-02	2.19E-09	1.09E-10
1.31E+00	2.26E-01	3.33E+01	1.91E+00	2.11E+01	1.22E+00	1.61E+01	9.23E-01	7.56E+00	5.30E-01	4.05E+00	2.93E-01	2.58E+00	1.70E-01	3.21E-01	1.84E-02	2.00E-09	1.15E-10
1.98E+00	3.08E-01	1.63E+01	1.85E+00	1.04E+01	1.17E+00	7.93E+00	9.09E-01	4.40E+00	4.79E-01	2.12E+00	2.85E-01	1.23E+00	1.56E-01	1.60E-01	1.83E-02	9.92E-10	1.14E-10
1.70E+00	3.56E-01	1.54E+01	1.58E+00	9.44E+00	9.90E-01	7.41E+00	7.34E-01	4.32E+00	5.58E-01	2.10E+00	3.60E-01	1.34E+00	2.03E-01	1.46E-01	1.43E-02	9.11E-10	8.94E-11
1.98E+00	2.81E-01	2.19E+01	2.14E+00	1.37E+01	1.36E+00	1.01E+01	1.01E+00	6.37E+00	6.10E-01	3.37E+00	3.40E-01	1.95E+00	1.90E-01	1.97E-01	1.98E-02	1.23E-09	1.23E-10
1.85E+00	1.84E-01	1.85E+01	2.07E+00	1.17E+01	1.34E+00	8.89E+00	9.45E-01	4.91E+00	7.77E-01	2.71E+00	3.05E-01	1.53E+00	1.66E-01	1.76E-01	1.89E-02	1.10E-09	1.18E-10
1.83E+00	2.61E-01	1.87E+01	3.02E+00	1.19E+01	1.98E+00	9.09E+00	1.39E+00	5.28E+00	1.04E+00	2.24E+00	3.99E-01	1.41E+00	2.24E-01	1.81E-01	2.77E-02	1.14E-09	1.71E-10
2.47E+00	1.74E-01	2.70E+01	3.91E+00	1.71E+01	2.50E+00	1.31E+01	1.89E+00	6.25E+00	9.09E-01	3.06E+00	4.47E-01	2.00E+00	2.86E-01	2.62E-01	3.78E-02	1.64E-09	2.36E-10
1.85E+00	1.78E-01	2.69E+01	1.78E+00	1.69E+01	1.11E+00	1.26E+01	8.41E-01	7.35E+00	4.98E-01	3.78E+00	2.80E-01	2.24E+00	1.61E-01	2.47E-01	1.65E-02	1.55E-09	1.03E-10
1.73E+00	1.73E-01	2.40E+01	1.82E+00	1.46E+01	1.13E+00	1.18E+01	8.43E-01	4.94E+00	5.22E-01	2.89E+00	2.84E-01	1.95E+00	1.64E-01	2.34E-01	1.63E-02	1.47E-09	1.02E-10
1.70E+00	2.25E-01	1.96E+01	1.81E+00	1.25E+01	1.09E+00	9.36E+00	8.25E-01	5.18E+00	5.18E-01	2.73E+00	3.11E-01	1.72E+00	1.78E-01	1.85E-01	1.57E-02	1.16E-09	9.86E-11
1.77E+00	2.41E-01	2.07E+01	2.07E+00	1.27E+01	1.27E+00	9.84E+00	9.74E-01	4.74E+00	5.69E-01	2.93E+00	3.41E-01	1.81E+00	1.96E-01	1.92E-01	1.90E-02	1.21E-09	1.19E-10
1.99E+00	2.80E-01	1.81E+01	2.02E+00	1.12E+01	1.24E+00	8.46E+00	9.31E-01	4.74E+00	5.76E-01	2.56E+00	3.20E-01	1.53E+00	1.85E-01	1.65E-01	1.79E-02	1.03E-09	1.13E-10
1.85E+00	2.40E-01	1.65E+01	1.85E+00	1.00E+01	1.13E+00	8.02E+00	8.68E-01	4.20E+00	4.88E-01	2.51E+00	2.80E-01	1.48E+00	1.68E-01	1.57E-01	1.68E-02	9.87E-10	1.06E-10
1.57E+00	2.13E-01	1.60E+01	2.01E+00	9.72E+00	1.27E+00	7.75E+00	9.42E-01	3.80E+00	5.53E-01	2.17E+00	2.62E-01	1.41E+00	1.56E-01	1.52E-01	1.85E-02	9.53E-10	1.16E-10
1.68E+00	2.36E-01	1.46E+01	1.50E+00	9.29E+00	9.35E-01	7.10E+00	7.05E-01	3.80E+00	4.03E-01	1.96E+00	2.49E-01	1.20E+00	1.34E-01	1.42E-01	1.38E-02	8.92E-10	8.64E-11
2.25E+00	2.44E-01	1.53E+01	1.60E+00	9.45E+00	1.01E+00	7.30E+00	7.50E-01	4.54E+00	4.53E-01	2.16E+00	2.80E-01	1.31E+00	1.56E-01	1.43E-01	1.46E-02	8.96E-10	9.16E-11
2.21E+00	1.98E-01	1.75E+01	1.85E+00	1.13E+01	1.15E+00	8.26E+00	8.57E-01	4.97E+00	5.21E-01	2.46E+00	2.94E-01	1.46E+00	1.71E-01	1.65E-01	1.68E-02	1.02E-09	1.04E-10
1.56E+00	1.47E-01	1.88E+01	2.00E+00	1.20E+01	1.26E+00	9.06E+00	9.41E-01	4.69E+00	5.28E-01	2.22E+00	2.93E-01	1.41E+00	1.75E-01	1.82E-01	1.87E-02	1.13E-09	1.15E-10
1.58E+00	2.00E-01	1.40E+01	1.53E+00	8.82E+00	9.75E-01	6.81E+00	7.27E-01	4.11E+00	4.54E-01	2.02E+00	2.11E-01	1.13E+00	1.29E-01	1.36E-01	1.46E-02	8.47E-10	8.95E-11
1.61E+00	1.99E-01	1.36E+01	1.67E+00	8.59E+00	1.02E+00	6.46E+00	7.58E-01	4.16E+00	5.14E-01	2.18E+00	2.84E-01	1.20E+00	1.60E-01	1.28E-01	1.45E-02	8.05E-10	9.08E-11
1.73E+00	2.10E-01	1.59E+01	2.35E+00	9.86E+00	1.44E+00	7.34E+00	1.09E+00	4.55E+00	6.43E-01	2.37E+00	3.59E-01	1.37E+00	2.09E-01	1.42E-01	2.10E-02	8.93E-10	1.32E-10
1.52E+00	2.66E-01	1.79E+01	2.63E+00	1.10E+01	1.61E+00	8.19E+00	1.20E+00	4.69E+00	7.54E-01	2.48E+00	4.19E-01	1.45E+00	2.40E-01	1.62E-01	2.32E-02	1.01E-09	1.46E-10
1.43E+00	2.64E-01	1.80E+01	2.48E+00	1.17E+01	1.50E+00	8.49E+00	1.13E+00	5.21E+00	6.62E-01	2.41E+00	3.81E-01	1.43E+00	2.20E-01	1.70E-01	2.19E-02	1.04E-09	1.37E-10
1.38E+00	2.89E-01	1.97E+01	2.19E+00	1.26E+01	1.33E+00	9.41E+00	9.84E-01	4.92E+00	6.91E-01	2.48E+00	3.89E-01	1.54E+00	2.16E-01	1.89E-01	1.87E-02	1.16E-09	1.17E-10
1.62E+00	3.57E-01	1.69E+01	2.54E+00	1.08E+01	1.56E+00	8.11E+00	1.17E+00	3.98E+00	7.65E-01	2.18E+00	4.45E-01	1.31E+00	2.42E-01	1.64E-01	2.25E-02	1.01E-09	1.41E-10
1.71E+00	3.61E-01	1.53E+01	3.50E+00	9.63E+00	2.12E+00	7.12E+00	1.57E+00	4.21E+00	1.03E+00	2.40E+00	5.50E-01	1.42E+00	3.07E-01	1.42E-01	3.02E-02	8.64E-10	1.90E-10
1.31E+00	2.77E-01	1.43E+01	3.13E+00	8.98E+00	1.94E+00	6.65E+00	1.45E+00	3.75E+00	8.50E-01	2.28E+00	4.40E-01	1.35E+00	2.57E-01	1.33E-01	2.83E-02	8.07E-10	1.77E-10
1.45E+00	3.33E-01	1.16E+01	2.39E+00	7.23E+00	1.45E+00	5.36E+00	1.09E+00	3.04E+00	6.76E-01	1.91E+00	3.91E-01	1.21E+00	2.23E-01	1.07E-01	2.09E-02	6.53E-10	1.31E-10
1.31E+00	3.94E-01	1.80E+01	2.30E+00	1.07E+01	1.41E+00	8.73E+00	1.05E+00	2.74E+00	6.95E-01	2.49E+00	4.35E-01	1.64E+00	2.43E-01	1.71E-01	2.03E-02	1.07E-09	1.27E-10
1.47E+00	4.92E-01	2.08E+01	2.86E+00	1.26E+01	1.69E+00	1.02E+01	1.27E+00	3.13E+00	9.07E-01	2.51E+00	5.66E-01	1.70E+00	3.09E-01	2.01E-01	2.42E-02	1.26E-09	1.52E-10
1.33E+00	5.03E-01	1.28E+01	4.25E+00	7.89E+00	2.57E+00	6.30E+00	1.90E+00	3.77E+00	1.29E+00	1.76E+00	7.09E-01	1.04E+00	3.94E-01	1.26E-01	3.63E-02	7.86E-10	2.28E-10
1.66E+00	5.14E-01	1.73E+01	5.94E+00	1.07E+01	3.67E+00	7.91E+00	2.73E+00	4.73E+00	1.67E+00	2.42E+00	8.48E-01	1.35E+00	4.88E-01	1.55E-01	5.31E-02	9.75E-10	3.33E-10
1.72E+00	5.68E-01	1.85E+01	5.79E+00	1.14E+01	3.61E+00	8.38E+00	2.70E+00	5.68E+00	1.54E+00	2.80E+00	7.65E-01	1.59E+00	4.52E-01	1.63E-01	5.29E-02	1.02E-09	3.32E-10
2.35E+00	5.26E-01	2.50E+01	4.95E+00	1.57E+01	3.03E+00	1.17E+01	2.28E+00	7.52E+00	1.39E+00	3.88E+00	8.07E-01	2.25E+00	4.61E-01	2.25E-01	4.50E-02	1.41E-09	2.82E-10
2.24E+00	3.93E-01	2.22E+01	4.39E+00	1.36E+01	2.68E+00	1.03E+01	2.02E+00	6.04E+00	1.18E+00	3.57E+00	6.74E-01	2.09E+00	3.90E-01	1.99E-01	3.91E-02	1.25E-09	2.46E-10
1.65E+00	3.48E-01	1.85E+01	3.90E+00	1.16E+01	2.39E+00	8.85E+00	1.77E+00	4.97E+00	1.13E+00	2.69E+00	5.70E-01	1.60E+00	3.23E-01	1.77E-01	3.44E-02	1.10E-09	2.15E-10
6.92E-01	1.34E-01	9.35E+00	1.79E+00	5.88E+00	1.14E+00	4.45E+00	8.42E-01	2.51E+00	4.89E-01	1.30E+00	2.61E-01	8.43E-01	1.55E-01	8.78E-02	1.70E-02	5.46E-10	1.03E-10
7.49E-01	1.33E-01	9.99E+00	1.70E+00	6.21E+00	1.09E+00	4.99E+00	7.99E-01	2.41E+00	4.63E-01	1.22E+00	2.41E-01	8.37E-01	1.44E-01	9.96E-02	1.62E-02	6.21E-10	9.80E-11
7.50E-01	1.35E-01	1.19E+01	1.58E+00	7.40E+00	1.02E+00	5.97E+00	7.46E-01	2.52E+00	4.31E-01	1.44E+00	2.18E-01	1.01E+00	1.31E-01	1.19E-01	1.52E-02	7.41E-10	9.17E-11
9.54E-01	1.51E-01	1.22E+01	1.59E+00	7.53E+00	9.96E-01	6.09E+00	7.62E-01	2.57E+00	4.36E-01	1.50E+00	1.98E-01	1.05E+00	1.25E-01	1.21E-01	1.51E-02	7.54E-10	9.43E-11
1.24E+00	1.60E-01	1.43E+01	1.65E+00	8.77E+00	1.05E+00	7.05E+00	7.79E-01	2.63E+00	4.54E-01	1.77E+00	2.13E-01	1.21E+00	1.28E-01	1.41E-01	1.54E-02	8.77E-10	9.62E-11
1.21E+00	1.58E-01	1.63E+01	1.86E+00	9.95E+00	1.16E+00	8.03E+00	9.00E-01	3.06E+00	4.44E-01	2.06E+00	2.20E-01	1.40E+00	1.41E-01	1.60E-01	1.80E-02	9.95E-10	1.12E-10
9.28E-01	1.47E-01	1.52E+01	2.22E+00	9.15E+00	1.38E+00	7.41E+00	1.07E+00	2.95E+00	4.77E-01	2.02E+00	2.65E-01	1.34E+00	1.73E-01	1.47E-01	2.14E-02	9.14E-10	1.33E-10
1.07E+00	1.74E-01	1.64E+01	2.19E+00	9.80E+00	1.35E+00	7.96E+00	1.06E+00	3.02E+00	6.08E-01	2.27E+00	2.70E-01	1.50E+00	1.76E-01	1.57E-01	2.11E-02	9.79E-10	1.31E-10
9.95E-01	1.98E-01	1.53E+01	2.46E+00	9.48E+00	1.57E+00	7.67E+00	1.16E+00	3.18E+00	7.14E-01	1.96E+00	3.13E-01	1.31E+00	1.86E-01	1.52E-01	2.28E-02	9.51E-10	1.43E-10
1.12E+00	2.36E-01	1.61E+01	2.65E+00	9.92E+00	1.69E+00	8.05E+00	1.26E+00	3.47E+00	6.99E-01	2.03E+00	3.21E-01	1.41E+00	1.97E-01	1.59E-01	2.50E-02	9.95E-10	1.57E-10
1.21E+00	2.58E-01	1.47E+01	2.14E+00	9.32E+00	1.36E+00	7.15E+00	1.03E+00	3.72E+00	5.65E-01	1.76E+00	3.21E-01	1.15E+00	1.83E-01	1.42E-01	2.04E-02	8.87E-10	1.28E-10
1.32E+00	2.45E-01	1.63E+01	2.22E+00	1.03E+01	1.36E+00	7.97E+00	1.02E+00	4.29E+00	6.23E-01	2.03E+00	3.65E-01	1.28E+00	2.11E-01	1.58E-01	1.96E-02	9.89E-10	1.23E-10
1.18E+00	2.06E-01	1.78E+01	2.66E+00	1.13E+01	1.67E+00	8.60E+00	1.24E+00	4.61E+00	7.44E-01	2.09E+00	3.81E-01	1.33E+00	2.24E-01	1.71E-01	2.42E-02	1.07E-09	1.52E-10
1.87E+00	2.24E-01	1.67E+01	2.64E+00	1.06E+01	1.67E+00	7.93E+00	1.25E+00	4.91E+00	7.25E-01	2.06E+00	3.43E-01	1.26E+00	2.06E-01	1.57E-01	2.45E-02	9.82E-10	1.54E-10
2.87E+00	2.27E-01	2.42E+01	2.04E+00	1.51E+01	1.30E+00	1.08E+01	9.72E-01	8.30E+00	5.38E-01	4.10E+00	3.05E-01	2.24E+00	1.73E-01	2.09E-01	1.92E-02	1.30E-09	1.20E-10
2.44E+00	2.21E-01	4.00E+01	2.01E+00	2.53E+01	1.27E+00	1.88E+01	9.39E-01	1.11E+01	5.67E-01	5.45E+00	3.02E-01	3.23E+00	1.80E-01	3.71E-01	1.85E-02	2.30E-09	1.15E-10
1.36E+00	2.51E-01	3.44E+01	2.23E+00	2.18E+01	1.42E+00	1.66E+01	1.09E+00	7.79E+00	5.36E-01	4.13E+00	2.99E-01	2.64E+00	1.74E-01	3.31E-01	2.18E-02	2.06E-09	1.36E-10
2.11E+00	3.47E-01	1.60E+01	1.80E+00	1.01E+01	1.14E+00	7.49E+00	8.43E-01	4.53E+00	5.07E-01	2.19E+00	3.31E-01	1.29E+00	1.84E-01	1.47E-01	1.68E-02	9.19E-10	1.03E-10
2.17E+00	3.91E-01	1.96E+01	1.97E+00	1.20E+01	1.22E+00	9.42E+00	8.84E-01	4.81E+00	6.77E-01	2.67E+00	4.10E-01	1.70E+00	2.31E-01	1.86E-01	1.68E-02	1.16E-09	1.05E-10
1.83E+00	2.63E-01	2.66E+01	2.39E+00	1.67E+01	1.52E+00	1.26E+01	1.13E+00	7.11E+00	7.48E-01	3.69E+00	3.63E-01	2.22E+00	2.02E-01	2.46E-01	2.25E-02	1.54E-09	1.40E-10
2.12E+00	2.51E-01	2.12E+01	2.85E+00	1.32E+01	1.82E+00	9.94E+00	1.31E+00	5.77E+00	9.51E-01	3.16E+00	4.06E-01	1.87E+00	2.28E-01	1.93E-01	2.55E-02	1.21E-09	1.60E-10
2.15E+00	2.44E-01	2.34E+01	3.86E+00	1.49E+01	2.49E+00	1.12E+01	1.84E+00	6.58E+00	1.06E+00	2.99E+00	4.66E-01	1.81E+00	2.83E-01	2.23E-01	3.66E-02	1.40E-09	2.28E-10

Scenario 2 Results

2.39E+00	1.96E-01	2.68E+01	2.39E+00	1.67E+01	1.51E+00	1.24E+01	1.17E+00	7.71E+00	5.59E-01	4.08E+00	3.23E-01	2.36E+00	1.98E-01	2.41E-01	2.34E-02	1.51E-09	1.46E-10
1.91E+00	1.93E-01	2.91E+01	1.88E+00	1.77E+01	1.16E+00	1.43E+01	8.65E-01	5.52E+00	5.41E-01	3.55E+00	3.02E-01	2.40E+00	1.74E-01	2.83E-01	1.67E-02	1.77E-09	1.04E-10
1.92E+00	2.48E-01	2.05E+01	1.82E+00	1.30E+01	1.11E+00	9.74E+00	8.35E-01	5.50E+00	5.38E-01	2.88E+00	3.26E-01	1.80E+00	1.85E-01	1.92E-01	1.64E-02	1.21E-09	1.03E-10
1.93E+00	2.72E-01	2.08E+01	2.13E+00	1.28E+01	1.29E+00	9.90E+00	9.82E-01	4.70E+00	6.12E-01	2.93E+00	3.73E-01	1.81E+00	2.14E-01	1.93E-01	1.91E-02	1.21E-09	1.20E-10
2.22E+00	3.07E-01	1.91E+01	2.14E+00	1.16E+01	1.31E+00	9.34E+00	9.86E-01	4.57E+00	6.11E-01	2.49E+00	3.45E-01	1.61E+00	1.99E-01	1.84E-01	1.89E-02	1.15E-09	1.19E-10
1.57E+00	2.51E-01	1.65E+01	1.93E+00	1.00E+01	1.18E+00	7.99E+00	9.04E-01	4.19E+00	5.37E-01	2.41E+00	2.91E-01	1.46E+00	1.71E-01	1.57E-01	1.76E-02	9.84E-10	1.10E-10
1.92E+00	2.63E-01	1.83E+01	1.97E+00	1.12E+01	1.25E+00	8.86E+00	9.27E-01	4.37E+00	5.44E-01	2.49E+00	2.68E-01	1.60E+00	1.54E-01	1.73E-01	1.82E-02	1.09E-09	1.14E-10
2.01E+00	2.81E-01	1.68E+01	1.57E+00	1.03E+01	9.86E-01	8.07E+00	7.30E-01	4.74E+00	4.79E-01	2.45E+00	3.04E-01	1.48E+00	1.66E-01	1.58E-01	1.42E-02	9.91E-10	8.86E-11
2.10E+00	2.28E-01	1.72E+01	1.77E+00	1.12E+01	1.09E+00	8.01E+00	8.13E-01	5.39E+00	5.11E-01	2.63E+00	2.95E-01	1.50E+00	1.69E-01	1.59E-01	1.58E-02	9.86E-10	9.78E-11
1.73E+00	1.76E-01	1.98E+01	2.15E+00	1.27E+01	1.35E+00	9.46E+00	1.00E+00	5.43E+00	5.82E-01	2.67E+00	3.23E-01	1.60E+00	1.91E-01	1.90E-01	1.97E-02	1.18E-09	1.22E-10
1.76E+00	1.99E-01	1.65E+01	1.86E+00	1.05E+01	1.18E+00	8.00E+00	8.82E-01	5.17E+00	4.67E-01	2.42E+00	2.57E-01	1.35E+00	1.56E-01	1.60E-01	1.76E-02	9.94E-10	1.09E-10
1.65E+00	2.16E-01	1.35E+01	1.56E+00	8.57E+00	9.47E-01	6.52E+00	7.00E-01	4.01E+00	5.08E-01	2.09E+00	2.75E-01	1.16E+00	1.53E-01	1.30E-01	1.38E-02	8.16E-10	8.34E-11
1.93E+00	2.41E-01	1.96E+01	2.67E+00	1.22E+01	1.64E+00	9.09E+00	1.23E+00	5.49E+00	7.34E-01	2.89E+00	4.09E-01	1.68E+00	2.38E-01	1.76E-01	2.38E-02	1.11E-09	1.50E-10
1.75E+00	3.05E-01	2.10E+01	3.07E+00	1.30E+01	1.88E+00	9.64E+00	1.41E+00	5.53E+00	8.74E-01	2.88E+00	4.86E-01	1.68E+00	2.80E-01	1.90E-01	2.71E-02	1.19E-09	1.70E-10
1.60E+00	3.10E-01	1.98E+01	2.80E+00	1.29E+01	1.69E+00	9.30E+00	1.28E+00	6.02E+00	7.46E-01	2.60E+00	4.33E-01	1.56E+00	2.51E-01	1.86E-01	2.47E-02	1.15E-09	1.55E-10
1.49E+00	3.12E-01	2.24E+01	2.42E+00	1.44E+01	1.47E+00	1.07E+01	1.09E+00	5.67E+00	7.56E-01	2.75E+00	4.26E-01	1.70E+00	2.38E-01	2.16E-01	2.07E-02	1.33E-09	1.30E-10
1.92E+00	4.13E-01	1.94E+01	3.12E+00	1.25E+01	1.86E+00	9.37E+00	1.37E+00	4.49E+00	9.61E-01	2.32E+00	5.40E-01	1.47E+00	2.94E-01	1.89E-01	2.60E-02	1.17E-09	1.63E-10
1.61E+00	3.54E-01	1.66E+01	3.91E+00	1.05E+01	2.39E+00	7.75E+00	1.77E+00	4.63E+00	1.12E+00	2.61E+00	5.88E-01	1.55E+00	3.33E-01	1.54E-01	3.43E-02	9.41E-10	2.15E-10
1.46E+00	3.58E-01	1.61E+01	3.32E+00	1.01E+01	2.06E+00	7.51E+00	1.55E+00	4.19E+00	8.60E-01	2.55E+00	4.47E-01	1.51E+00	2.67E-01	1.50E-01	3.04E-02	9.11E-10	1.91E-10
1.32E+00	3.52E-01	1.33E+01	2.40E+00	8.33E+00	1.46E+00	6.19E+00	1.09E+00	3.46E+00	6.71E-01	2.17E+00	4.16E-01	1.29E+00	2.31E-01	1.23E-01	2.11E-02	7.49E-10	1.32E-10
1.50E+00	4.94E-01	1.39E+01	2.94E+00	8.18E+00	1.77E+00	6.69E+00	1.32E+00	2.59E+00	8.76E-01	2.02E+00	5.58E-01	1.32E+00	3.05E-01	1.30E-01	2.51E-02	8.15E-10	1.58E-10
1.30E+00	4.86E-01	1.59E+01	3.69E+00	9.55E+00	2.22E+00	7.73E+00	1.64E+00	2.93E+00	1.14E+00	2.09E+00	6.45E-01	1.39E+00	3.56E-01	1.52E-01	3.11E-02	9.52E-10	1.95E-10
1.29E+00	4.07E-01	1.30E+01	4.09E+00	7.89E+00	2.50E+00	6.33E+00	1.85E+00	3.22E+00	1.20E+00	1.63E+00	6.26E-01	1.09E+00	3.54E-01	1.25E-01	3.58E-02	7.84E-10	2.25E-10
1.30E+00	4.30E-01	1.14E+01	3.90E+00	6.93E+00	2.41E+00	5.05E+00	1.79E+00	3.53E+00	1.08E+00	1.84E+00	5.45E-01	1.02E+00	3.15E-01	9.76E-02	3.50E-02	6.13E-10	2.20E-10
1.95E+00	4.12E-01	1.38E+01	3.54E+00	8.65E+00	2.20E+00	6.35E+00	1.65E+00	5.08E+00	9.58E-01	2.50E+00	5.90E-01	1.37E+00	3.35E-01	1.24E-01	3.24E-02	7.78E-10	2.03E-10
2.58E+00	4.38E-01	2.28E+01	4.28E+00	1.40E+01	2.62E+00	1.05E+01	1.93E+00	6.65E+00	1.26E+00	3.82E+00	6.39E-01	2.20E+00	3.62E-01	2.01E-01	3.75E-02	1.26E-09	2.34E-10
2.11E+00	4.71E-01	1.93E+01	5.54E+00	1.20E+01	3.41E+00	8.84E+00	2.52E+00	5.88E+00	1.56E+00	2.98E+00	7.87E-01	1.70E+00	4.51E-01	1.70E-01	4.92E-02	1.07E-09	3.08E-10
1.93E+00	4.19E-01	2.53E+01	4.96E+00	1.58E+01	3.06E+00	1.18E+01	2.27E+00	6.92E+00	1.37E+00	3.65E+00	6.91E-01	2.15E+00	3.97E-01	2.30E-01	4.44E-02	1.44E-09	2.78E-10
1.63E+00	3.44E-01	2.65E+01	3.89E+00	1.66E+01	2.38E+00	1.24E+01	1.78E+00	6.97E+00	1.09E+00	3.61E+00	5.88E-01	2.15E+00	3.38E-01	2.44E-01	3.45E-02	1.53E-09	2.16E-10
9.33E-01	1.55E-01	1.49E+01	1.82E+00	9.31E+00	1.15E+00	6.95E+00	8.48E-01	3.90E+00	4.97E-01	2.01E+00	2.82E-01	1.19E+00	1.66E-01	1.37E-01	1.71E-02	8.56E-10	1.03E-10
8.92E-01	1.49E-01	1.11E+01	1.87E+00	7.03E+00	1.19E+00	5.09E+00	8.76E-01	3.45E+00	5.12E-01	1.55E+00	2.85E-01	8.78E-01	1.68E-01	1.00E-01	1.77E-02	6.24E-10	1.07E-10
7.95E-01	1.40E-01	9.74E+00	1.86E+00	6.12E+00	1.19E+00	4.62E+00	8.73E-01	2.76E+00	5.09E-01	1.29E+00	2.76E-01	7.88E-01	1.64E-01	9.09E-02	1.77E-02	5.69E-10	1.07E-10
8.24E-01	1.45E-01	1.04E+01	1.84E+00	6.47E+00	1.18E+00	5.21E+00	8.67E-01	2.62E+00	5.04E-01	1.29E+00	2.64E-01	8.76E-01	1.58E-01	1.04E-01	1.76E-02	6.48E-10	1.06E-10
1.02E+00	1.65E-01	1.14E+01	1.73E+00	7.07E+00	1.11E+00	5.71E+00	8.16E-01	2.39E+00	4.72E-01	1.39E+00	2.40E-01	9.74E-01	1.44E-01	1.13E-01	1.66E-02	7.09E-10	1.00E-10
1.19E+00	1.78E-01	1.41E+01	1.71E+00	8.66E+00	1.07E+00	6.98E+00	8.22E-01	2.28E+00	4.68E-01	1.79E+00	2.20E-01	1.22E+00	1.35E-01	1.39E-01	1.63E-02	8.66E-10	1.02E-10
1.11E+00	1.76E-01	1.49E+01	1.94E+00	9.07E+00	1.21E+00	7.33E+00	9.44E-01	2.71E+00	4.78E-01	1.92E+00	2.26E-01	1.30E+00	1.49E-01	1.46E-01	1.88E-02	9.07E-10	1.18E-10
9.31E-01	1.62E-01	1.99E+01	2.54E+00	1.21E+01	1.58E+00	9.78E+00	1.24E+00	2.98E+00	4.76E-01	2.51E+00	3.01E-01	1.70E+00	1.99E-01	1.94E-01	2.47E-02	1.21E-09	1.54E-10
1.18E+00	1.67E-01	2.28E+01	2.82E+00	1.38E+01	1.74E+00	1.12E+01	1.37E+00	3.29E+00	5.54E-01	2.94E+00	3.40E-01	1.98E+00	2.24E-01	2.21E-01	2.72E-02	1.38E-09	1.70E-10
1.26E+00	2.00E-01	2.15E+01	2.65E+00	1.29E+01	1.63E+00	1.05E+01	1.28E+00	3.21E+00	7.05E-01	2.85E+00	3.27E-01	1.90E+00	2.15E-01	2.07E-01	2.55E-02	1.29E-09	1.59E-10
1.15E+00	2.22E-01	1.74E+01	2.67E+00	1.07E+01	1.71E+00	8.71E+00	1.26E+00	2.93E+00	7.52E-01	2.30E+00	3.33E-01	1.51E+00	2.00E-01	1.72E-01	2.50E-02	1.08E-09	1.56E-10
1.24E+00	2.74E-01	1.69E+01	2.61E+00	1.03E+01	1.66E+00	8.39E+00	1.25E+00	3.79E+00	6.67E-01	2.14E+00	3.34E-01	1.47E+00	1.94E-01	1.66E-01	2.47E-02	1.04E-09	1.55E-10
1.40E+00	2.79E-01	1.76E+01	2.30E+00	1.11E+01	1.44E+00	8.63E+00	1.08E+00	4.33E+00	6.34E-01	2.11E+00	3.83E-01	1.39E+00	2.20E-01	1.71E-01	2.10E-02	1.07E-09	1.32E-10
1.33E+00	2.33E-01	1.83E+01	2.70E+00	1.16E+01	1.68E+00	8.74E+00	1.26E+00	4.60E+00	7.57E-01	2.26E+00	4.05E-01	1.39E+00	2.37E-01	1.73E-01	2.43E-02	1.08E-09	1.53E-10
2.00E+00	2.46E-01	1.74E+01	2.83E+00	1.10E+01	1.79E+00	8.20E+00	1.33E+00	5.42E+00	7.83E-01	2.26E+00	3.78E-01	1.33E+00	2.26E-01	1.62E-01	2.62E-02	1.01E-09	1.64E-10
3.01E+00	2.41E-01	2.30E+01	2.18E+00	1.43E+01	1.38E+00	1.02E+01	1.03E+00	8.18E+00	5.79E-01	4.05E+00	3.17E-01	2.18E+00	1.79E-01	1.95E-01	2.04E-02	1.21E-09	1.28E-10
2.54E+00	2.36E-01	4.00E+01	2.41E+00	2.53E+01	1.53E+00	1.87E+01	1.15E+00	1.13E+01	6.15E-01	5.50E+00	3.19E-01	3.24E+00	1.83E-01	3.69E-01	2.28E-02	2.30E-09	1.43E-10
1.45E+00	2.88E-01	3.58E+01	2.02E+00	2.27E+01	1.28E+00	1.73E+01	9.90E-01	8.19E+00	5.71E-01	4.28E+00	3.20E-01	2.72E+00	1.87E-01	3.44E-01	1.98E-02	2.15E-09	1.24E-10
2.28E+00	4.12E-01	1.77E+01	1.92E+00	1.12E+01	1.22E+00	8.50E+00	9.03E-01	4.82E+00	5.77E-01	2.34E+00	3.99E-01	1.39E+00	2.23E-01	1.70E-01	1.82E-02	1.06E-09	1.10E-10
2.56E+00	4.20E-01	2.41E+01	2.53E+00	1.48E+01	1.59E+00	1.16E+01	1.16E+00	6.67E+00	7.85E-01	3.72E+00	4.59E-01	2.11E+00	2.57E-01	2.27E-01	2.25E-02	1.42E-09	1.41E-10
2.31E+00	2.67E-01	2.48E+01	2.70E+00	1.56E+01	1.73E+00	1.18E+01	1.21E+00	6.14E+00	1.03E+00	3.25E+00	4.30E-01	2.00E+00	2.30E-01	2.32E-01	2.40E-02	1.46E-09	1.50E-10
1.92E+00	2.97E-01	2.05E+01	3.55E+00	1.30E+01	2.31E+00	9.79E+00	1.65E+00	6.39E+00	1.15E+00	2.75E+00	4.75E-01	1.64E+00	2.83E-01	1.95E-01	3.28E-02	1.22E-09	2.03E-10
2.99E+00	2.12E-01	2.79E+01	3.40E+00	1.76E+01	2.16E+00	1.38E+01	1.65E+00	7.83E+00	7.44E-01	4.29E+00	4.29E-01	2.43E+00	2.66E-01	2.75E-01	3.30E-02	1.73E-09	2.06E-10
2.17E+00	2.26E-01	3.37E+01	2.05E+00	2.04E+01	1.28E+00	1.66E+01	9.80E-01	6.57E+00	5.49E-01	4.20E+00	3.22E-01	2.84E+00	1.84E-01	3.27E-01	1.92E-02	2.05E-09	1.21E-10
2.03E+00	2.79E-01	2.17E+01	1.78E+00	1.37E+01	1.11E+00	1.02E+01	8.37E-01	5.80E+00	5.48E-01	3.35E+00	3.40E-01	1.99E+00	1.90E-01	2.02E-01	1.64E-02	1.24E-09	1.03E-10
2.35E+00	3.38E-01	2.22E+01	2.37E+00	1.36E+01	1.43E+00	1.06E+01	1.08E+00	4.92E+00	6.86E-01	3.12E+00	4.25E-01	1.94E+00	2.42E-01	2.07E-01	2.04E-02	1.30E-09	1.28E-10
2.64E+00	3.17E-01	2.13E+01	2.36E+00	1.29E+01	1.45E+00	1.05E+01	1.09E+00	4.57E+00	6.75E-01	2.71E+00	3.85E-01	1.83E+00	2.21E-01	2.06E-01	2.08E-02	1.29E-09	1.31E-10
1.87E+00	2.78E-01	1.74E+01	2.00E+00	1.13E+01	1.24E+00	8.33E+00	9.27E-01	4.20E+00	5.75E-01	2.25E+00	3.02E-01	1.40E+00	1.75E-01	1.71E-01	1.80E-02	1.03E-09	1.13E-10
2.25E+00	3.22E-01	1.81E+01	1.89E+00	1.14E+01	1.17E+00	8.71E+00	8.88E-01	4.79E+00	4.87E-01	2.60E+00	3.26E-01	1.58E+00	1.77E-01	1.71E-01	1.73E-02	1.07E-09	1.09E-10
2.01E+00	2.63E-01	1.99E+01	1.80E+00	1.26E+01	1.14E+00	9.28E+00	8.48E-01	5.80E+00	5.05E-01	3.03E+00	3.26E-01	1.79E+00	1.81E-01	1.85E-01	1.65E-02	1.13E-09	1.04E-10
1.88E+00	2.14E-01	2.07E+01	2.22E+00	1.32E+01	1.38E+00	9.81E+00	1.03E+00	6.02E+00	6.26E-01	3.13E+00	3.51E-01	1.76E+00	2.04E-01	1.96E-01	2.01E-02	1.21E-09	1.24E-10
1.96E+00	1.88E-01	1.82E+01	2.13E+00	1.16E+01	1.34E+00	8.77E+00	1.01E+00	6.26E+00	5.42E-01	2.94E+00	2.98E-01	1.56E+00	1.80E-01	1.76E-01	2.00E-02	1.09E-09	1.23E-10
1.87E+00	2.31E-01	1.52E+01	1.40E+00	9.79E+00	8.88E-01	7.25E+00	6.62E-01	5.18E+00	5.20E-01	2.48E+00	2.60E-01	1.30E+00	1.43E-01	1.47E-01	1.39E-02	8.95E-10	8.15E-11
1.82E+00	2.48E-01	1.77E+01	2.49E+00	1.09E+01	1.53E+00	8.10E+00	1.15E+00	5.16E+00	7.07E-01	2.69E+00	3.96E-01	1.54E+00	2.28E-01	1.57E-01	2.20E-02	9.84E-10	1.39E-10
1.80E+00	3.20E-01	2.03E+01	3.20E+00	1.25E+01	1.96E+00	9.27E+00	1.47E+00	5.86E+00	8.99E-01	2.82E+00	5.08E-01	1.64E+00	2.92E-01	1.83E-01	2.83E-02	1.15E-09	1.78E-10
1.76E+00	3.63E-01	2.17E+01	3.11E+00	1.41E+01	1.88E+00	1.01E+01	1.42E+00	6.79E+00	8.35E-01	2.87E+00	4.90E-01	1.71E+00	2.82E-01	2.03E-01	2.73E-02	1.25E-09	1.71E-10
1.70E+00	3.78E-01	2.44E+01	2.85E+00	1.57E+01	1.74E+00	1.17E+01	1.29E+00	6.29E+00	8.71E-01	2.99E+00	4.92E-01	1.85E+00	2.77E-01	2.34E-01	2.46E-02	1.45E-09	1.55E-10
2.11E+00	4.49E-01	2.10E+01	3.76E+00	1.35E+01	2.26E+00	1.01E+01	1.66E+00	4.89E+00	1.14E+00	2.50E+00	6.24E-01	1.59E+00	3.43E-01	2.04E-01	3.18E-02	1.26E-09	2.00E-10
1.58E+00	3.85E-01	1.88E+01	4.57E+00	1.16E+01	2.81E+00	8.71E+00	2.10E+00	5.14E+00	1.25E+00	2.76E+00	6.51E-01	1.61E+00	3.78E-01	1.69E-01	4.09E-02	1.06E-09	2.57E-10
1.54E+00	4.14E-01	1.70E+01	3.11E+00	1.07E+01	1.89E+00	7.92E+00	1.42E+00	4.46E+00	8.80E-01	2.68E+00	5.01E-01	1.59E+00	2.86E-01	1.58E-01	2.78E-02	9.61E-10	1.75E-10
1.67E+00	5.42E-01	1.44E+01	3.34E+00	9.06E+00	2.01E+00	6.74E+00	1.50E+00	3.74E+00	9.96E-01	2.32E+00	6.10E-01	1.38E+00	3.43E-01	1.34E-01	2.84E-02	8.16E-10	1.79E-10
1.27E+00	4.76E-01	1.09E+01	3.37E+00	6.79E+00	2.01E+00	5.13E+00	1.49E+00	2.82E+00	1.05E+00	1.83E+00	6.09E-01	1.08E+00	3.34E-01	1.00E-01	2.81E-02	6.24E-10	1.76E-10
1.40E+00	4.55E-01	1.41E+01	4.40E+00	8.44E+00	2.69E+00	6.81E+00	1.99E+00	3.35E+00	1.29E+00	1.90E+00	6.80E-01	1.24E+00	3.83E-01	1.33E-01	3.84E-02	8.36E-10	2.41E-10
1.33E+00	4.47E-01	1.25E+01	4.04E+00	7.49E+00	2.49E+00	5.97E+00	1.85E+00	3.52E+00	1.12E+00	1.81E+00	5.70E-01	1.08E+00	3.28E-01	1.17E-01	3.62E-02	7.35E-10	2.27E-10
1.61E+00	3.25E-01	1.03E+01	2.80E+00	6.33E+00	1.73E+00	4.70E+00	1.30E+00	3.60E+00	7.42E-01	1.75E+00	4.60E-01	9.20E-01	2.61E-01	9.16E-02	2.54E-02	5.75E-10	1.59E-10
2.10E+00	3.71E-01	1.07E+01	2.82E+00	6.46E+00	1.69E+00	5.22E+00	1.26E+00	3.91E+00	8.46E-01	2.26E+00	4.98E-01	1.22E+00	2.78E-01	1.02E-01	2.39E-02	6.37E-10	1.50E-10
2.21E+00	4.46E-01	1.35E+01	3.85E+00	8.30E+00	2.35E+00	6.68E+00	1.72E+00	4.36E+00	1.13E+00	2.36E+00	6.42E-01	1.28E+00	3.61E-01	1.32E-01	3.35E-02	8.23E-10	2.10E-10
2.13E+00	4.95E-01	2.31E+01	5.33E+00	1.42E+01	3.26E+00	1.06E+01	2.43E+00	6.61E+00	1.50E+00	3.51E+00	8.19E-01	2.02E+00	4.69E-01	2.05E-01	4.70E-02	1.28E-09	2.95E-10
2.60E+00	4.16E-01	3.47E+01	5.21E+00	2.16E+01	3.20E+00	1.61E+01	2.40E+00	9.50E+00	1.41E+00	4.96E+00	7.61E-01	2.92E+00	4.42E-01	3.15E-01	4.66E-02	1.97E-09	2.93E-10
1.93E+00	3.76E-01	3.23E+01	3.69E+00	2.02E+01	2.26E+00	1.51E+01	1.70E+00	8.60E+00	9.87E-01	4.38E+00	5.32E-01	2.60E+00	3.09E-01	2.97E-01	3.30E-02	1.86E-09	2.07E-10
1.50E+00	3.80E-01	1.87E+01	2.53E+00	1.17E+01	1.55E+00	8.75E+00	1.16E+00	4.87E+00	7.08E-01	2.45E+00	4.50E-01	1.46E+00	2.48E-01	1.73E-01	2.27E-02	1.08E-09	1.42E-10
1.35E+00	1.63E-01	2.30E+01	1.66E+00	1.42E+01	1.05E+00	1.10E+01	7.88E-01	4.95E+00	4.50E-01	3.12E+00	2.69E-01	1.95E+00	1.57E-01	2.17E-01	1.55E-02	1.35E-09	9.74E-11
1.31E+00	1.70E-01	2.25E+01	1.79E+00	1.40E+01	1.13E+00	1.07E+01	8.32E-01	5.12E+00	4.94E-01	3.04E+00	2.90E-01	1.88E+00	1.69E-01	2.11E-01	1.67E-02	1.32E-09	1.01E-10
1.13E+00	1.73E-01	1.83E+01	1.94E+00	1.14E+01	1.22E+00	8.58E+00	9.01E-01	4.70E+00	5.31E-01	2.50E+00	3.06E-01	1.50E+00	1.79E-01	1.69E-01	1.82E-02	1.05E-09	1.09E-10
9.48E-01	1.66E-01	1.19E+01	2.00E+00	7.53E+00	1.27E+00	5.45E+00	9.33E-01	3.76E+00	5.47E-01	1.69E+00	3.08E-01	9.49E-01	1.81E-01	1.07E-01	1.88E-02	6.67E-10	1.14E-10
8.58E-01	1.52E-01	1.00E+01	1.99E+00	6.27E+00	1.27E+00	4.78E+00	9.32E-01	2.82E+00	5.45E-01	1.38E+00	2.98E-01	8.05E-01	1.76E-01	9.42E-02	1.88E-02	5.90E-10	1.14E-10
9.31E-01	1.70E-01	1.02E+01	1.95E+00	6.34E+00	1.24E+00	5.01E+00	9.16E-01	2.67E+00	5.33E-01	1.29E+00	2.81E-01	8.61E-01	1.67E-01	9.96E-02	1.85E-02	6.22E-10	1.12E-10
1.08E+00	1.95E-01	1.31E+01	1.90E+00	8.04E+00	1.22E+00	6.50E+00	8.97E-01	2.46E+00	5.19E-01	1.69E+00	2.63E-01	1.16E+00	1.58E-01	1.29E-01	1.80E-02	8.04E-10	1.10E-10
1.10E+00	2.06E-01	1.38E+01	1.82E+00	8.52E+00	1.14E+00	6.84E+00	8.93E-01	2.18E+00	5.02E-01	1.74E+00	2.50E-01	1.18E+00	1.42E-01	1.37E-01	1.78E-02	8.52E-10	1.11E-10
1.04E+00	1.99E-01	2.03E+01	2.61E+00	1.25E+01	1.63E+00	1.01E+01	1.28E+00	2.98E+00	5.25E-01	2.40E+00	3.01E-01	1.66E+00	2.01E-01	2.01E-01	2.55E-02	1.25E-09	1.59E-10
9.79E-01	1.81E-01	2.60E+01	3.24E+00	1.59E+01	2.01E+00	1.28E+01	1.58E+00	3.80E+00	5.90E-01	3.11E+00	3.78E-01	2.15E+00	2.53E-01	2.55E-01	3.15E-02	1.59E-09	1.97E-10
1.23E+00	1.91E-01	2.75E+01	3.33E+00	1.67E+01	2.06E+00	1.35E+01	1.62E+00	3.99E+00	6.45E-01	3.39E+00	3.98E-01	2.32E+00	2.64E-01	2.68E-01	3.23E-02	1.67E-09	2.01E-10
1.47E+00	2.30E-01	2.66E+01	3.09E+00	1.60E+01	1.89E+00	1.30E+01	1.50E+00	3.82E+00	8.09E-01	3.46E+00	3.83E-01	2.33E+00	2.52E-01	2.57E-01	2.97E-02	1.61E-09	1.86E-10
1.44E+00	2.82E-01	2.11E+01	2.97E+00	1.30E+01	1.90E+00	1.05E+01	1.41E+00	3.55E+00	8.07E-01	2.78E+00	3.64E-01	1.83E+00	2.21E-01	2.08E-01	2.79E-02	1.30E-09	1.75E-10
1.47E+00	3.12E-01	1.76E+01	2.51E+00	1.11E+01	1.60E+00	8.74E+00	1.20E+00	4.12E+00	6.72E-01	2.28E+00	3.91E-01	1.55E+00	2.22E-01	1.72E-01	2.38E-02	1.08E-09	1.49E-10
1.48E+00	2.81E-01	1.90E+01	2.66E+00	1.20E+01	1.64E+00	9.07E+00	1.23E+00	4.85E+00	7.50E-01	2.43E+00	4.30E-01	1.50E+00	2.49E-01	1.79E-01	2.36E-02	1.12E-09	1.48E-10

Scenario 2 Results

1.86E+00	2.56E-01	1.86E+01	2.78E+00	1.17E+01	1.74E+00	8.92E+00	1.30E+00	5.24E+00	7.72E-01	2.34E+00	3.91E-01	1.46E+00	2.31E-01	1.76E-01	2.54E-02	1.10E-09	1.59E-10
2.90E+00	2.62E-01	2.07E+01	2.38E+00	1.32E+01	1.51E+00	1.01E+01	1.13E+00	7.11E+00	6.39E-01	3.62E+00	3.38E-01	1.93E+00	1.91E-01	2.02E-01	2.22E-02	1.26E-09	1.39E-10
2.68E+00	2.59E-01	3.89E+01	2.47E+00	2.46E+01	1.56E+00	1.81E+01	1.19E+00	1.12E+01	6.29E-01	5.46E+00	3.57E-01	3.18E+00	2.05E-01	3.56E-01	2.35E-02	2.22E-09	1.47E-10
1.72E+00	3.42E-01	3.81E+01	2.33E+00	2.41E+01	1.47E+00	1.83E+01	1.12E+00	8.92E+00	6.35E-01	4.59E+00	3.57E-01	2.90E+00	2.08E-01	3.65E-01	2.21E-02	2.28E-09	1.38E-10
2.43E+00	4.84E-01	1.93E+01	2.16E+00	1.22E+01	1.34E+00	9.08E+00	9.92E-01	5.25E+00	6.67E-01	2.62E+00	4.76E-01	1.53E+00	2.67E-01	1.78E-01	1.94E-02	1.12E-09	1.20E-10
2.54E+00	4.12E-01	2.78E+01	2.69E+00	1.71E+01	1.69E+00	1.33E+01	1.26E+00	7.44E+00	8.24E-01	4.13E+00	4.76E-01	2.40E+00	2.65E-01	2.61E-01	2.45E-02	1.63E-09	1.54E-10
2.66E+00	3.14E-01	2.04E+01	3.22E+00	1.25E+01	2.03E+00	9.39E+00	1.46E+00	5.90E+00	1.12E+00	3.39E+00	5.15E-01	1.95E+00	2.84E-01	1.80E-01	2.81E-02	1.13E-09	1.77E-10
3.40E+00	2.50E-01	2.80E+01	4.02E+00	1.77E+01	2.57E+00	1.35E+01	1.93E+00	7.15E+00	1.03E+00	4.11E+00	5.33E-01	2.26E+00	3.26E-01	2.68E-01	3.83E-02	1.69E-09	2.39E-10
2.47E+00	2.75E-01	3.45E+01	2.76E+00	2.09E+01	1.72E+00	1.70E+01	1.32E+00	7.72E+00	6.18E-01	4.49E+00	3.78E-01	3.04E+00	2.37E-01	3.34E-01	2.60E-02	2.10E-09	1.63E-10
2.28E+00	3.32E-01	2.59E+01	1.87E+00	1.63E+01	1.17E+00	1.21E+01	8.78E-01	6.91E+00	5.80E-01	3.99E+00	3.71E-01	2.36E+00	2.03E-01	2.40E-01	1.71E-02	1.48E-09	1.08E-10
3.07E+00	4.27E-01	2.56E+01	2.79E+00	1.57E+01	1.68E+00	1.22E+01	1.27E+00	5.60E+00	8.16E-01	3.60E+00	5.13E-01	2.25E+00	2.91E-01	2.38E-01	2.39E-02	1.50E-09	1.50E-10
3.06E+00	3.39E-01	2.33E+01	2.75E+00	1.41E+01	1.68E+00	1.14E+01	1.26E+00	5.19E+00	7.89E-01	3.03E+00	4.50E-01	2.04E+00	2.58E-01	2.24E-01	2.42E-02	1.41E-09	1.52E-10
2.85E+00	3.64E-01	2.00E+01	2.36E+00	1.30E+01	1.47E+00	9.60E+00	1.10E+00	5.11E+00	6.70E-01	2.67E+00	3.55E-01	1.56E+00	2.02E-01	1.96E-01	2.13E-02	1.19E-09	1.34E-10
2.29E+00	3.49E-01	2.27E+01	2.10E+00	1.43E+01	1.29E+00	1.07E+01	9.81E-01	6.43E+00	5.90E-01	3.32E+00	3.74E-01	2.01E+00	2.05E-01	2.14E-01	1.90E-02	1.31E-09	1.19E-10
2.01E+00	2.75E-01	2.41E+01	2.29E+00	1.52E+01	1.41E+00	1.12E+01	1.05E+00	6.61E+00	6.76E-01	3.68E+00	3.93E-01	2.16E+00	2.24E-01	2.23E-01	2.01E-02	1.36E-09	1.25E-10
2.14E+00	1.86E-01	2.20E+01	2.51E+00	1.39E+01	1.57E+00	1.04E+01	1.18E+00	7.02E+00	6.62E-01	3.54E+00	3.64E-01	1.98E+00	2.16E-01	2.08E-01	2.31E-02	1.29E-09	1.44E-10
2.07E+00	2.36E-01	1.79E+01	1.67E+00	1.14E+01	1.06E+00	7.95E+00	7.95E-01	6.44E+00	5.23E-01	3.02E+00	2.40E-01	1.62E+00	1.39E-01	1.57E-01	1.59E-02	9.60E-10	9.80E-11
1.80E+00	2.65E-01	1.73E+01	2.47E+00	1.06E+01	1.51E+00	7.87E+00	1.13E+00	5.19E+00	7.16E-01	2.68E+00	4.03E-01	1.52E+00	2.30E-01	1.52E-01	2.16E-02	9.53E-10	1.36E-10
1.77E+00	3.30E-01	1.83E+01	3.23E+00	1.12E+01	1.97E+00	8.30E+00	1.48E+00	6.07E+00	9.07E-01	2.63E+00	5.16E-01	1.52E+00	2.97E-01	1.63E-01	2.85E-02	1.02E-09	1.79E-10
1.74E+00	3.95E-01	2.37E+01	3.12E+00	1.53E+01	1.87E+00	1.11E+01	1.41E+00	7.27E+00	8.47E-01	3.16E+00	5.06E-01	1.89E+00	2.90E-01	2.21E-01	2.71E-02	1.36E-09	1.70E-10
1.98E+00	4.68E-01	2.65E+01	3.43E+00	1.70E+01	2.10E+00	1.26E+01	1.56E+00	6.76E+00	1.02E+00	3.28E+00	5.87E-01	2.02E+00	3.27E-01	2.53E-01	2.98E-02	1.57E-09	1.88E-10
2.22E+00	4.77E-01	2.20E+01	4.65E+00	1.41E+01	2.82E+00	1.06E+01	2.08E+00	5.39E+00	1.37E+00	2.98E+00	7.29E-01	1.68E+00	4.08E-01	2.13E-01	4.02E-02	1.32E-09	2.52E-10
2.03E+00	5.21E-01	2.01E+01	5.00E+00	1.25E+01	3.10E+00	9.45E+00	2.33E+00	5.31E+00	1.29E+00	2.84E+00	6.76E-01	1.67E+00	4.01E-01	1.85E-01	4.56E-02	1.16E-09	2.86E-10
1.86E+00	5.93E-01	1.72E+01	3.74E+00	1.08E+01	2.29E+00	8.00E+00	1.71E+00	4.63E+00	1.13E+00	2.71E+00	6.99E-01	1.60E+00	3.90E-01	1.59E-01	3.31E-02	9.70E-10	2.08E-10
1.70E+00	6.23E-01	1.46E+01	4.27E+00	9.20E+00	2.55E+00	6.82E+00	1.88E+00	3.84E+00	1.34E+00	2.33E+00	7.83E-01	1.38E+00	4.30E-01	1.36E-01	3.55E-02	8.27E-10	2.23E-10
1.54E+00	5.09E-01	1.33E+01	4.82E+00	7.87E+00	2.94E+00	6.37E+00	2.18E+00	3.58E+00	1.41E+00	1.87E+00	7.50E-01	1.21E+00	4.22E-01	1.24E-01	4.19E-02	7.78E-10	2.64E-10
1.18E+00	4.00E-01	1.14E+01	3.60E+00	6.75E+00	2.22E+00	5.35E+00	1.65E+00	2.98E+00	9.98E-01	1.57E+00	5.11E-01	9.91E-01	2.95E-01	1.05E-01	3.22E-02	6.56E-10	2.02E-10
1.76E+00	3.67E-01	1.06E+01	2.62E+00	6.71E+00	1.62E+00	4.95E+00	1.22E+00	3.17E+00	7.69E-01	1.68E+00	4.68E-01	9.43E-01	2.60E-01	9.92E-02	2.38E-02	6.05E-10	1.50E-10
2.06E+00	3.97E-01	1.17E+01	2.96E+00	7.41E+00	1.76E+00	5.47E+00	1.31E+00	3.31E+00	8.87E-01	2.06E+00	5.26E-01	1.09E+00	2.91E-01	1.10E-01	2.49E-02	6.69E-10	1.56E-10
1.87E+00	3.75E-01	1.50E+01	3.05E+00	9.27E+00	1.82E+00	7.38E+00	1.36E+00	3.22E+00	8.97E-01	1.92E+00	5.22E-01	1.29E+00	2.90E-01	1.46E-01	2.59E-02	9.10E-10	1.63E-10
1.47E+00	3.37E-01	1.75E+01	2.99E+00	1.09E+01	1.80E+00	8.64E+00	1.34E+00	3.34E+00	8.59E-01	2.11E+00	4.92E-01	1.44E+00	2.75E-01	1.72E-01	2.57E-02	1.07E-09	1.61E-10
2.03E+00	3.51E-01	2.11E+01	2.95E+00	1.30E+01	1.78E+00	9.68E+00	1.33E+00	5.98E+00	8.20E-01	3.21E+00	4.61E-01	1.85E+00	2.60E-01	1.90E-01	2.56E-02	1.19E-09	1.61E-10
2.71E+00	4.28E-01	3.66E+01	2.64E+00	2.27E+01	1.60E+00	1.70E+01	1.20E+00	1.00E+01	7.19E-01	5.19E+00	4.83E-01	3.05E+00	2.66E-01	3.32E-01	2.33E-02	2.08E-09	1.46E-10
2.10E+00	4.75E-01	3.46E+01	2.72E+00	2.16E+01	1.68E+00	1.62E+01	1.26E+00	9.21E+00	7.86E-01	4.66E+00	5.45E-01	2.77E+00	3.01E-01	3.18E-01	2.45E-02	1.99E-09	1.53E-10
2.39E+00	4.98E-01	2.92E+01	3.17E+00	1.82E+01	1.97E+00	1.37E+01	1.48E+00	7.95E+00	8.72E-01	4.35E+00	5.74E-01	2.58E+00	3.17E-01	2.66E-01	2.88E-02	1.67E-09	1.80E-10
2.43E+00	4.96E-01	3.17E+01	3.11E+00	1.98E+01	1.94E+00	1.48E+01	1.45E+00	8.76E+00	8.49E-01	4.61E+00	5.74E-01	2.72E+00	3.16E-01	2.89E-01	2.83E-02	1.81E-09	1.77E-10
1.55E+00	1.57E-01	2.28E+01	2.03E+00	1.40E+01	1.29E+00	1.09E+01	9.62E-01	4.70E+00	5.42E-01	3.22E+00	2.57E-01	2.03E+00	1.55E-01	2.15E-01	1.90E-02	1.34E-09	1.19E-10
1.75E+00	1.70E-01	2.74E+01	2.07E+00	1.68E+01	1.31E+00	1.31E+01	9.82E-01	5.69E+00	5.48E-01	3.80E+00	2.68E-01	2.39E+00	1.59E-01	2.58E-01	1.93E-02	1.61E-09	1.21E-10
1.72E+00	1.78E-01	2.81E+01	1.97E+00	1.73E+01	1.25E+00	1.35E+01	9.35E-01	5.91E+00	5.17E-01	3.85E+00	2.84E-01	2.42E+00	1.64E-01	2.65E-01	1.84E-02	1.65E-09	1.15E-10
1.44E+00	1.80E-01	2.36E+01	1.78E+00	1.46E+01	1.13E+00	1.12E+01	8.46E-01	5.28E+00	5.05E-01	3.21E+00	2.92E-01	1.99E+00	1.70E-01	2.21E-01	1.67E-02	1.38E-09	1.05E-10
1.06E+00	1.78E-01	1.64E+01	1.83E+00	1.02E+01	1.15E+00	7.68E+00	8.50E-01	4.23E+00	5.08E-01	2.26E+00	2.98E-01	1.35E+00	1.74E-01	1.51E-01	1.71E-02	9.42E-10	1.03E-10
1.18E+00	1.79E-01	1.17E+01	2.00E+00	7.46E+00	1.26E+00	5.57E+00	9.32E-01	3.46E+00	5.49E-01	1.63E+00	3.14E-01	8.99E-01	1.84E-01	1.10E-01	1.86E-02	6.91E-10	1.13E-10
1.25E+00	1.73E-01	1.05E+01	2.13E+00	6.69E+00	1.34E+00	5.14E+00	9.93E-01	2.81E+00	5.82E-01	1.58E+00	3.21E-01	9.12E-01	1.89E-01	1.02E-01	1.98E-02	6.36E-10	1.21E-10
1.24E+00	2.08E-01	1.28E+01	2.23E+00	7.87E+00	1.41E+00	6.38E+00	1.05E+00	2.81E+00	6.11E-01	1.68E+00	3.23E-01	1.15E+00	1.92E-01	1.26E-01	2.07E-02	7.87E-10	1.28E-10
1.12E+00	2.43E-01	1.29E+01	2.18E+00	7.83E+00	1.38E+00	6.36E+00	1.03E+00	2.67E+00	5.99E-01	1.71E+00	3.04E-01	1.16E+00	1.81E-01	1.26E-01	2.03E-02	7.84E-10	1.26E-10
1.16E+00	2.53E-01	1.41E+01	2.09E+00	8.81E+00	1.31E+00	7.04E+00	1.02E+00	2.55E+00	5.65E-01	1.56E+00	3.01E-01	1.05E+00	1.71E-01	1.41E-01	2.04E-02	8.84E-10	1.27E-10
1.16E+00	2.40E-01	1.89E+01	2.87E+00	1.17E+01	1.79E+00	9.38E+00	1.40E+00	2.84E+00	5.99E-01	2.18E+00	3.30E-01	1.53E+00	2.21E-01	1.87E-01	2.80E-02	1.17E-09	1.75E-10
1.20E+00	2.20E-01	2.77E+01	3.78E+00	1.70E+01	2.35E+00	1.37E+01	1.85E+00	4.06E+00	6.90E-01	3.27E+00	4.40E-01	2.26E+00	2.94E-01	2.72E-01	3.68E-02	1.70E-09	2.30E-10
1.45E+00	2.42E-01	3.28E+01	4.04E+00	2.00E+01	2.49E+00	1.62E+01	1.97E+00	4.78E+00	8.13E-01	4.04E+00	4.84E-01	2.77E+00	3.22E-01	3.20E-01	3.90E-02	2.00E-09	2.44E-10
1.72E+00	2.72E-01	2.73E+01	3.17E+00	1.64E+01	1.93E+00	1.34E+01	1.53E+00	3.92E+00	8.81E-01	3.66E+00	4.04E-01	2.45E+00	2.64E-01	2.62E-01	3.02E-02	1.64E-09	1.89E-10
1.62E+00	3.47E-01	2.25E+01	2.96E+00	1.38E+01	1.89E+00	1.12E+01	1.41E+00	5.19E+00	7.91E-01	2.84E+00	3.92E-01	1.96E+00	2.25E-01	2.21E-01	2.78E-02	1.39E-09	1.75E-10
1.57E+00	3.58E-01	2.42E+01	2.53E+00	1.52E+01	1.56E+00	1.14E+01	1.17E+00	6.55E+00	7.14E-01	3.25E+00	4.61E-01	1.94E+00	2.63E-01	2.23E-01	2.27E-02	1.40E-09	1.42E-10
1.48E+00	2.90E-01	2.12E+01	2.97E+00	1.34E+01	1.84E+00	9.99E+00	1.39E+00	5.80E+00	8.28E-01	2.83E+00	4.54E-01	1.69E+00	2.66E-01	1.96E-01	2.67E-02	1.23E-09	1.68E-10
2.71E+00	3.10E-01	2.79E+01	2.74E+00	1.75E+01	1.73E+00	1.39E+01	1.30E+00	5.64E+00	7.39E-01	3.04E+00	3.84E-01	2.01E+00	2.19E-01	2.80E-01	2.54E-02	1.75E-09	1.59E-10
3.10E+00	2.91E-01	3.69E+01	2.38E+00	2.31E+01	1.49E+00	1.70E+01	1.09E+00	1.13E+01	7.36E-01	5.46E+00	4.14E-01	3.11E+00	2.37E-01	3.30E-01	2.12E-02	2.06E-09	1.32E-10
1.96E+00	4.03E-01	4.09E+01	2.99E+00	2.58E+01	1.88E+00	1.96E+01	1.43E+00	9.95E+00	7.07E-01	5.05E+00	3.98E-01	3.14E+00	2.42E-01	3.87E-01	2.83E-02	2.43E-09	1.77E-10
2.42E+00	5.37E-01	1.94E+01	2.25E+00	1.22E+01	1.38E+00	9.15E+00	1.03E+00	5.63E+00	7.79E-01	3.23E+00	5.35E-01	1.81E+00	3.00E-01	1.79E-01	1.99E-02	1.13E-09	1.25E-10
2.70E+00	4.22E-01	3.10E+01	2.64E+00	1.91E+01	1.63E+00	1.48E+01	1.23E+00	6.78E+00	1.05E+00	4.29E+00	5.23E-01	2.68E+00	2.76E-01	2.89E-01	2.41E-02	1.82E-09	1.51E-10
3.21E+00	3.35E-01	2.25E+01	3.75E+00	1.41E+01	2.40E+00	1.05E+01	1.75E+00	6.84E+00	1.14E+00	3.11E+00	5.77E-01	1.86E+00	3.32E-01	2.05E-01	3.45E-02	1.29E-09	2.15E-10
2.67E+00	3.25E-01	3.18E+01	3.54E+00	1.96E+01	2.20E+00	1.49E+01	1.69E+00	8.66E+00	8.10E-01	4.71E+00	4.87E-01	2.81E+00	3.03E-01	2.89E-01	3.32E-02	1.81E-09	2.09E-10
2.97E+00	3.72E-01	3.11E+01	2.24E+00	1.95E+01	1.37E+00	1.45E+01	1.04E+00	8.39E+00	6.24E-01	4.78E+00	3.75E-01	2.83E+00	2.16E-01	2.87E-01	1.99E-02	1.77E-09	1.25E-10
3.75E+00	5.08E-01	2.81E+01	3.15E+00	1.72E+01	1.88E+00	1.35E+01	1.42E+00	6.67E+00	9.30E-01	4.03E+00	6.05E-01	2.52E+00	3.41E-01	2.62E-01	2.66E-02	1.65E-09	1.68E-10
3.27E+00	3.82E-01	2.50E+01	3.11E+00	1.58E+01	1.90E+00	1.23E+01	1.42E+00	6.58E+00	9.02E-01	3.53E+00	5.18E-01	2.11E+00	2.96E-01	2.42E-01	2.72E-02	1.52E-09	1.71E-10
4.36E+00	4.91E-01	2.49E+01	2.92E+00	1.61E+01	1.82E+00	1.20E+01	1.37E+00	6.51E+00	8.00E-01	3.38E+00	4.51E-01	2.10E+00	2.53E-01	2.41E-01	2.65E-02	1.51E-09	1.67E-10
3.55E+00	3.46E-01	2.87E+01	2.68E+00	1.81E+01	1.62E+00	1.35E+01	1.23E+00	7.98E+00	7.58E-01	4.25E+00	4.71E-01	2.56E+00	2.70E-01	2.68E-01	2.33E-02	1.65E-09	1.46E-10
2.69E+00	3.11E-01	2.82E+01	3.26E+00	1.78E+01	2.02E+00	1.31E+01	1.51E+00	8.00E+00	9.08E-01	4.32E+00	5.11E-01	2.51E+00	2.97E-01	2.62E-01	2.93E-02	1.63E-09	1.83E-10
2.64E+00	2.76E-01	2.33E+01	2.36E+00	1.48E+01	1.48E+00	1.06E+01	1.12E+00	7.60E+00	5.87E-01	3.72E+00	3.16E-01	2.07E+00	1.94E-01	2.09E-01	2.22E-02	1.28E-09	1.38E-10
1.90E+00	3.00E-01	1.86E+01	2.58E+00	1.14E+01	1.57E+00	8.42E+00	1.17E+00	5.65E+00	7.68E-01	2.93E+00	4.35E-01	1.65E+00	2.46E-01	1.62E-01	2.24E-02	1.02E-09	1.41E-10
1.95E+00	3.58E-01	1.83E+01	3.48E+00	1.13E+01	2.12E+00	8.39E+00	1.59E+00	6.19E+00	9.76E-01	2.66E+00	5.57E-01	1.54E+00	3.20E-01	1.65E-01	3.06E-02	1.04E-09	1.93E-10
1.84E+00	4.28E-01	2.56E+01	3.16E+00	1.65E+01	1.89E+00	1.20E+01	1.42E+00	7.61E+00	9.06E-01	3.45E+00	5.32E-01	2.05E+00	3.02E-01	2.38E-01	2.72E-02	1.47E-09	1.71E-10
2.17E+00	5.20E-01	2.84E+01	3.84E+00	1.81E+01	2.28E+00	1.35E+01	1.70E+00	7.10E+00	1.18E+00	3.57E+00	6.72E-01	2.20E+00	3.67E-01	2.71E-01	3.24E-02	1.68E-09	2.04E-10
2.05E+00	4.91E-01	2.28E+01	5.29E+00	1.45E+01	3.23E+00	1.09E+01	2.41E+00	6.15E+00	1.47E+00	3.24E+00	7.79E-01	1.84E+00	4.45E-01	2.20E-01	4.67E-02	1.36E-09	2.93E-10
2.10E+00	6.40E-01	2.02E+01	4.36E+00	1.24E+01	2.65E+00	9.30E+00	1.99E+00	5.37E+00	1.23E+00	2.99E+00	7.51E-01	1.75E+00	4.16E-01	1.82E-01	3.91E-02	1.15E-09	2.46E-10
2.33E+00	8.23E-01	1.78E+01	5.36E+00	1.12E+01	3.24E+00	8.28E+00	2.43E+00	4.81E+00	1.67E+00	2.74E+00	9.95E-01	1.61E+00	5.45E-01	1.65E-01	4.63E-02	1.01E-09	2.91E-10
2.04E+00	6.90E-01	1.63E+01	6.55E+00	9.97E+00	3.98E+00	7.72E+00	2.96E+00	4.86E+00	1.90E+00	2.38E+00	1.02E+00	1.47E+00	5.73E-01	1.51E-01	5.70E-02	9.50E-10	3.58E-10
1.55E+00	5.31E-01	1.50E+01	5.08E+00	8.90E+00	3.13E+00	7.10E+00	2.34E+00	4.28E+00	1.38E+00	2.13E+00	7.18E-01	1.34E+00	4.10E-01	1.38E-01	4.56E-02	8.67E-10	2.86E-10
2.14E+00	4.75E-01	1.41E+01	3.35E+00	8.47E+00	1.99E+00	6.57E+00	1.48E+00	3.79E+00	1.02E+00	2.05E+00	6.10E-01	1.20E+00	3.36E-01	1.29E-01	2.86E-02	8.06E-10	1.80E-10
1.89E+00	3.75E-01	1.25E+01	2.88E+00	7.94E+00	1.72E+00	5.85E+00	1.27E+00	3.32E+00	8.67E-01	1.84E+00	5.05E-01	1.09E+00	2.79E-01	1.17E-01	2.42E-02	7.16E-10	1.52E-10
1.45E+00	2.99E-01	1.35E+01	2.66E+00	8.41E+00	1.60E+00	6.58E+00	1.19E+00	3.42E+00	7.77E-01	1.89E+00	4.38E-01	1.13E+00	2.44E-01	1.30E-01	2.27E-02	8.14E-10	1.43E-10
1.27E+00	3.31E-01	1.84E+01	2.28E+00	1.15E+01	1.37E+00	9.01E+00	1.02E+00	3.49E+00	6.47E-01	2.17E+00	3.57E-01	1.45E+00	2.01E-01	1.80E-01	1.97E-02	1.12E-09	1.24E-10
1.30E+00	3.55E-01	2.07E+01	1.77E+00	1.30E+01	1.06E+00	1.02E+01	7.93E-01	3.83E+00	5.23E-01	2.38E+00	3.73E-01	1.61E+00	2.05E-01	2.03E-01	1.51E-02	1.27E-09	9.45E-11
2.02E+00	3.79E-01	2.14E+01	1.75E+00	1.32E+01	1.09E+00	1.01E+01	8.28E-01	6.10E+00	5.24E-01	3.25E+00	3.96E-01	1.88E+00	2.17E-01	2.03E-01	1.63E-02	1.27E-09	1.02E-10
2.55E+00	4.13E-01	3.54E+01	2.52E+00	2.20E+01	1.55E+00	1.65E+01	1.16E+00	9.71E+00	7.03E-01	4.97E+00	4.32E-01	2.92E+00	2.36E-01	3.21E-01	2.25E-02	2.01E-09	1.41E-10
2.64E+00	4.26E-01	3.20E+01	2.93E+00	2.00E+01	1.82E+00	1.50E+01	1.35E+00	8.90E+00	8.18E-01	4.73E+00	4.50E-01	2.79E+00	2.51E-01	2.94E-01	2.64E-02	1.84E-09	1.65E-10
2.69E+00	5.00E-01	3.64E+01	3.06E+00	2.28E+01	1.91E+00	1.70E+01	1.43E+00	1.02E+01	8.71E-01	5.20E+00	5.71E-01	3.06E+00	3.11E-01	3.31E-01	2.79E-02	2.08E-09	1.75E-10
1.91E+00	4.76E-01	2.75E+01	3.09E+00	1.72E+01	1.85E+00	1.28E+01	1.38E+00	7.75E+00	9.58E-01	3.84E+00	5.79E-01	2.26E+00	3.19E-01	2.50E-01	2.60E-02	1.57E-09	1.63E-10
1.73E+00	3.91E-01	1.89E+01	2.72E+00	1.15E+01	1.63E+00	9.27E+00	1.22E+00	4.79E+00	8.54E-01	2.45E+00	4.94E-01	1.56E+00	2.75E-01	1.84E-01	2.30E-02	1.15E-09	1.45E-10
1.35E+00	1.66E-01	1.88E+01	2.42E+00	1.14E+01	1.54E+00	9.02E+00	1.14E+00	4.83E+00	6.97E-01	2.65E+00	3.10E-01	1.69E+00	1.82E-01	1.77E-01	2.24E-02	1.11E-09	1.40E-10
1.51E+00	1.73E-01	2.08E+01	2.38E+00	1.27E+01	1.51E+00	9.98E+00	1.12E+00	4.31E+00	6.69E-01	2.99E+00	3.05E-01	1.90E+00	1.81E-01	1.96E-01	2.20E-02	1.22E-09	1.38E-10
1.66E+00	1.74E-01	2.34E+01	2.20E+00	1.43E+01	1.39E+00	1.13E+01	1.03E+00	4.57E+00	6.04E-01	3.35E+00	2.85E-01	2.13E+00	1.69E-01	2.21E-01	2.03E-02	1.38E-09	1.28E-10
1.71E+00	1.72E-01	2.56E+01	2.00E+00	1.56E+01	1.26E+00	1.23E+01	9.41E-01	4.97E+00	5.40E-01	3.61E+00	2.61E-01	2.30E+00	1.56E-01	2.42E-01	1.85E-02	1.51E-09	1.16E-10
1.63E+00	1.79E-01	2.59E+01	1.95E+00	1.59E+01	1.23E+00	1.24E+01	9.20E-01	5.22E+00	5.20E-01	3.58E+00	2.64E-01	2.26E+00	1.53E-01	2.44E-01	1.81E-02	1.53E-09	1.13E-10
1.33E+00	1.87E-01	2.14E+01	1.86E+00	1.32E+01	1.18E+00	1.02E+01	8.82E-01	4.69E+00	4.92E-01	2.93E+00	2.84E-01	1.83E+00	1.64E-01	2.00E-01	1.73E-02	1.25E-09	1.09E-10
1.44E+00	1.99E-01	1.59E+01	1.86E+00	9.84E+00	1.15E+00	7.46E+00	8.58E-01	4.03E+00	5.13E-01	2.20E+00	3.10E-01	1.32E+00	1.80E-01	1.46E-01	1.69E-02	9.15E-10	1.05E-10
1.56E+00	2.12E-01	1.26E+01	2.13E+00	8.06E+00	1.32E+00	5.92E+00	9.84E-01	3.71E+00	5.84E-01	1.62E+00	3.42E-01	9.60E-01	2.00E-01	1.16E-01	1.93E-02	7.30E-10	1.19E-10

Scenario 2 Results

1.57E+00	2.17E-01	1.36E+01	2.34E+00	8.37E+00	1.45E+00	6.78E+00	1.09E+00	3.13E+00	6.41E-01	1.76E+00	3.63E-01	1.21E+00	2.13E-01	1.34E-01	2.12E-02	8.38E-10	1.32E-10
1.47E+00	2.49E-01	1.39E+01	2.38E+00	8.48E+00	1.48E+00	6.89E+00	1.11E+00	2.87E+00	6.53E-01	1.84E+00	3.57E-01	1.25E+00	2.11E-01	1.36E-01	2.16E-02	8.49E-10	1.35E-10
1.55E+00	3.09E-01	1.39E+01	2.53E+00	8.40E+00	1.59E+00	6.84E+00	1.19E+00	3.28E+00	6.97E-01	1.87E+00	3.64E-01	1.26E+00	2.16E-01	1.35E-01	2.31E-02	8.42E-10	1.45E-10
1.75E+00	3.48E-01	1.59E+01	2.61E+00	9.92E+00	1.65E+00	7.93E+00	1.23E+00	3.68E+00	7.18E-01	1.97E+00	4.05E-01	1.32E+00	2.28E-01	1.59E-01	2.40E-02	9.96E-10	1.51E-10
1.67E+00	3.32E-01	2.18E+01	3.06E+00	1.35E+01	1.91E+00	1.08E+01	1.50E+00	3.41E+00	7.48E-01	2.34E+00	4.06E-01	1.65E+00	2.36E-01	2.16E-01	2.98E-02	1.36E-09	1.86E-10
1.49E+00	2.79E-01	2.51E+01	3.60E+00	1.55E+01	2.23E+00	1.25E+01	1.75E+00	3.79E+00	7.14E-01	2.79E+00	4.27E-01	1.95E+00	2.83E-01	2.48E-01	3.48E-02	1.56E-09	2.18E-10
1.70E+00	2.93E-01	2.48E+01	3.59E+00	1.48E+01	2.20E+00	1.21E+01	1.74E+00	4.05E+00	8.53E-01	3.28E+00	4.49E-01	2.20E+00	2.94E-01	2.37E-01	3.43E-02	1.49E-09	2.15E-10
1.99E+00	3.69E-01	2.25E+01	3.11E+00	1.38E+01	1.98E+00	1.13E+01	1.46E+00	6.09E+00	9.01E-01	2.84E+00	4.14E-01	1.97E+00	2.40E-01	2.21E-01	2.87E-02	1.39E-09	1.80E-10
1.88E+00	4.56E-01	1.71E+01	2.65E+00	1.10E+01	1.68E+00	8.38E+00	1.27E+00	6.57E+00	7.35E-01	2.72E+00	5.04E-01	1.47E+00	2.84E-01	1.65E-01	2.50E-02	1.04E-09	1.57E-10
1.66E+00	4.10E-01	3.01E+01	3.20E+00	1.89E+01	1.94E+00	1.50E+01	1.48E+00	5.31E+00	8.93E-01	3.02E+00	5.56E-01	2.17E+00	3.23E-01	3.02E-01	2.80E-02	1.89E-09	1.76E-10
2.52E+00	3.94E-01	2.26E+01	3.32E+00	1.42E+01	2.09E+00	1.13E+01	1.57E+00	6.25E+00	9.03E-01	2.71E+00	4.69E-01	1.63E+00	2.81E-01	2.27E-01	3.05E-02	1.43E-09	1.92E-10
3.75E+00	3.59E-01	3.22E+01	2.58E+00	1.99E+01	1.58E+00	1.45E+01	1.18E+00	1.05E+01	8.54E-01	5.32E+00	4.78E-01	2.95E+00	2.73E-01	2.77E-01	2.28E-02	1.74E-09	1.40E-10
2.44E+00	5.01E-01	4.50E+01	4.06E+00	2.84E+01	2.55E+00	2.17E+01	1.93E+00	1.16E+01	1.01E+00	5.88E+00	5.32E-01	3.60E+00	3.28E-01	4.29E-01	3.80E-02	2.69E-09	2.38E-10
2.90E+00	6.34E-01	2.37E+01	2.75E+00	1.45E+01	1.66E+00	1.09E+01	1.23E+00	6.82E+00	9.02E-01	4.05E+00	6.29E-01	2.33E+00	3.53E-01	2.09E-01	2.30E-02	1.31E-09	1.45E-10
3.75E+00	5.07E-01	3.42E+01	3.15E+00	2.10E+01	1.96E+00	1.64E+01	1.42E+00	7.45E+00	1.21E+00	4.81E+00	6.30E-01	3.01E+00	3.38E-01	3.19E-01	2.72E-02	2.01E-09	1.70E-10
4.35E+00	3.21E-01	2.99E+01	3.94E+00	1.81E+01	2.43E+00	1.35E+01	1.86E+00	9.16E+00	1.00E+00	5.53E+00	6.02E-01	3.11E+00	3.61E-01	2.67E-01	3.60E-02	1.68E-09	2.26E-10
3.94E+00	4.79E-01	3.68E+01	2.78E+00	2.31E+01	1.69E+00	1.72E+01	1.28E+00	1.02E+01	7.77E-01	5.68E+00	4.77E-01	3.33E+00	2.76E-01	3.37E-01	2.45E-02	2.08E-09	1.53E-10
4.82E+00	6.41E-01	2.95E+01	3.31E+00	1.85E+01	1.94E+00	1.39E+01	1.48E+00	7.94E+00	9.89E-01	4.38E+00	6.80E-01	2.64E+00	3.81E-01	2.75E-01	2.74E-02	1.70E-09	1.72E-10
4.12E+00	4.51E-01	3.09E+01	3.25E+00	1.88E+01	1.97E+00	1.52E+01	1.47E+00	7.37E+00	9.63E-01	4.09E+00	5.70E-01	2.62E+00	3.22E-01	3.00E-01	2.79E-02	1.89E-09	1.76E-10
5.18E+00	5.64E-01	3.42E+01	3.33E+00	2.18E+01	2.05E+00	1.63E+01	1.55E+00	8.73E+00	8.88E-01	4.46E+00	5.25E-01	2.70E+00	3.06E-01	3.25E-01	2.99E-02	2.03E-09	1.88E-10
3.39E+00	5.02E-01	3.52E+01	3.71E+00	2.21E+01	2.24E+00	1.65E+01	1.68E+00	9.22E+00	1.11E+00	5.28E+00	6.63E-01	3.15E+00	3.74E-01	3.27E-01	3.18E-02	2.01E-09	2.00E-10
3.43E+00	3.36E-01	3.21E+01	3.64E+00	1.97E+01	2.27E+00	1.51E+01	1.72E+00	9.11E+00	9.11E-01	4.79E+00	5.02E-01	2.87E+00	3.03E-01	2.92E-01	3.37E-02	1.83E-09	2.11E-10
2.25E+00	3.76E-01	2.20E+01	2.82E+00	1.40E+01	1.71E+00	1.00E+01	1.27E+00	7.05E+00	8.68E-01	3.43E+00	5.02E-01	1.92E+00	2.81E-01	1.98E-01	2.41E-02	1.22E-09	1.51E-10
2.27E+00	4.28E-01	2.16E+01	4.07E+00	1.33E+01	2.48E+00	9.88E+00	1.86E+00	6.52E+00	1.14E+00	3.11E+00	6.49E-01	1.81E+00	3.73E-01	1.94E-01	3.58E-02	1.22E-09	2.25E-10
2.23E+00	5.09E-01	2.80E+01	3.73E+00	1.79E+01	2.22E+00	1.31E+01	1.67E+00	8.04E+00	1.11E+00	3.83E+00	6.48E-01	2.29E+00	3.61E-01	2.61E-01	3.17E-02	1.61E-09	1.99E-10
2.43E+00	5.55E-01	3.00E+01	4.68E+00	1.91E+01	2.80E+00	1.43E+01	2.07E+00	7.39E+00	1.40E+00	3.85E+00	7.75E-01	2.37E+00	4.28E-01	2.86E-01	3.96E-02	1.77E-09	2.49E-10
2.48E+00	5.89E-01	2.31E+01	5.03E+00	1.46E+01	3.09E+00	1.10E+01	2.33E+00	7.28E+00	1.30E+00	3.41E+00	6.95E-01	1.84E+00	4.09E-01	2.21E-01	4.54E-02	1.37E-09	2.85E-10
2.60E+00	8.50E-01	2.09E+01	5.37E+00	1.32E+01	3.22E+00	9.74E+00	2.41E+00	5.79E+00	1.60E+00	3.43E+00	9.70E-01	1.83E+00	5.44E-01	1.93E-01	4.57E-02	1.19E-09	2.87E-10
2.33E+00	7.44E-01	1.82E+01	6.56E+00	1.15E+01	3.96E+00	8.47E+00	2.94E+00	4.89E+00	1.94E+00	2.69E+00	1.05E+00	1.59E+00	5.88E-01	1.69E-01	5.63E-02	1.03E-09	3.54E-10
1.84E+00	5.54E-01	1.44E+01	5.33E+00	8.81E+00	3.27E+00	6.52E+00	2.45E+00	4.42E+00	1.44E+00	2.18E+00	7.68E-01	1.23E+00	4.32E-01	1.30E-01	4.77E-02	7.95E-10	3.00E-10
2.54E+00	5.73E-01	1.55E+01	4.13E+00	9.19E+00	2.46E+00	7.15E+00	1.82E+00	4.26E+00	1.27E+00	2.36E+00	7.44E-01	1.35E+00	4.09E-01	1.39E-01	3.45E-02	8.71E-10	2.17E-10
2.45E+00	4.90E-01	1.38E+01	4.43E+00	8.51E+00	2.67E+00	6.38E+00	1.98E+00	4.05E+00	1.30E+00	2.66E+00	7.25E-01	1.42E+00	4.03E-01	1.25E-01	3.80E-02	7.84E-10	2.39E-10
1.51E+00	4.23E-01	1.35E+01	3.12E+00	8.56E+00	1.90E+00	6.31E+00	1.41E+00	3.58E+00	8.81E-01	1.96E+00	4.76E-01	1.16E+00	2.69E-01	1.26E-01	2.73E-02	7.73E-10	1.72E-10
1.31E+00	4.05E-01	1.63E+01	1.99E+00	1.03E+01	1.19E+00	7.93E+00	8.91E-01	3.52E+00	5.89E-01	1.89E+00	4.23E-01	1.23E+00	2.32E-01	1.58E-01	1.69E-02	9.87E-10	1.06E-10
1.11E+00	3.86E-01	1.96E+01	1.71E+00	1.24E+01	1.03E+00	9.55E+00	7.76E-01	4.20E+00	5.31E-01	2.23E+00	4.01E-01	1.46E+00	2.19E-01	1.91E-01	1.48E-02	1.19E-09	9.31E-11
1.57E+00	3.85E-01	2.03E+01	1.77E+00	1.29E+01	1.08E+00	9.90E+00	7.93E-01	4.34E+00	5.44E-01	2.30E+00	4.00E-01	1.51E+00	2.17E-01	1.98E-01	1.53E-02	1.23E-09	9.56E-11
2.37E+00	3.63E-01	2.26E+01	2.33E+00	1.38E+01	1.43E+00	1.01E+01	1.06E+00	7.10E+00	6.92E-01	3.53E+00	3.82E-01	1.96E+00	2.07E-01	1.98E-01	2.04E-02	1.24E-09	1.28E-10
2.82E+00	3.30E-01	3.33E+01	2.69E+00	2.06E+01	1.67E+00	1.52E+01	1.23E+00	9.99E+00	7.82E-01	4.88E+00	3.93E-01	2.78E+00	2.25E-01	2.95E-01	2.39E-02	1.85E-09	1.50E-10
2.52E+00	3.56E-01	3.38E+01	2.36E+00	2.11E+01	1.47E+00	1.55E+01	1.09E+00	1.01E+01	6.92E-01	4.75E+00	3.44E-01	2.72E+00	1.94E-01	3.02E-01	2.12E-02	1.90E-09	1.33E-10
2.32E+00	5.22E-01	2.61E+01	2.67E+00	1.64E+01	1.64E+00	1.21E+01	1.20E+00	7.67E+00	8.99E-01	3.58E+00	5.46E-01	2.07E+00	2.96E-01	2.35E-01	2.38E-02	1.48E-09	1.48E-10
2.74E+00	6.08E-01	2.23E+01	3.98E+00	1.37E+01	2.37E+00	1.10E+01	1.75E+00	5.25E+00	1.25E+00	3.32E+00	7.57E-01	1.87E+00	4.14E-01	2.18E-01	3.30E-02	1.37E-09	2.07E-10
2.56E+00	5.65E-01	1.93E+01	4.75E+00	1.20E+01	2.89E+00	8.81E+00	2.13E+00	5.84E+00	1.47E+00	3.12E+00	8.09E-01	1.72E+00	4.49E-01	1.71E-01	4.07E-02	1.07E-09	2.55E-10
2.11E+00	4.50E-01	1.63E+01	4.35E+00	1.02E+01	2.67E+00	7.50E+00	1.97E+00	5.12E+00	1.32E+00	2.63E+00	7.02E-01	1.46E+00	3.94E-01	1.46E-01	3.80E-02	9.17E-10	2.38E-10
1.96E+00	2.55E-01	2.06E+01	3.40E+00	1.31E+01	2.18E+00	9.71E+00	1.63E+00	5.75E+00	8.99E-01	2.60E+00	3.99E-01	1.55E+00	2.46E-01	1.91E-01	3.22E-02	1.20E-09	2.02E-10
1.97E+00	2.52E-01	1.90E+01	2.58E+00	1.20E+01	1.65E+00	9.03E+00	1.23E+00	4.98E+00	6.81E-01	2.36E+00	3.04E-01	1.44E+00	1.87E-01	1.78E-01	2.44E-02	1.12E-09	1.53E-10
1.92E+00	2.44E-01	1.77E+01	2.06E+00	1.12E+01	1.32E+00	8.49E+00	9.84E-01	4.37E+00	6.08E-01	2.28E+00	2.91E-01	1.35E+00	1.63E-01	1.68E-01	1.95E-02	1.05E-09	1.22E-10
1.69E+00	2.14E-01	1.47E+01	1.90E+00	8.91E+00	1.20E+00	7.15E+00	8.81E-01	3.50E+00	5.66E-01	2.22E+00	2.88E-01	1.43E+00	1.63E-01	1.39E-01	1.72E-02	8.71E-10	1.08E-10
1.53E+00	1.95E-01	2.02E+01	1.99E+00	1.23E+01	1.26E+00	9.81E+00	9.28E-01	3.65E+00	5.78E-01	2.95E+00	2.95E-01	1.90E+00	1.68E-01	1.92E-01	1.81E-02	1.20E-09	1.14E-10
1.63E+00	1.85E-01	2.34E+01	1.96E+00	1.42E+01	1.23E+00	1.13E+01	9.16E-01	4.27E+00	5.53E-01	3.33E+00	2.86E-01	2.14E+00	1.64E-01	2.21E-01	1.79E-02	1.39E-09	1.13E-10
1.57E+00	1.95E-01	2.34E+01	1.97E+00	1.42E+01	1.24E+00	1.13E+01	9.26E-01	4.39E+00	5.47E-01	3.28E+00	2.82E-01	2.10E+00	1.63E-01	2.21E-01	1.81E-02	1.39E-09	1.14E-10
1.37E+00	2.14E-01	2.02E+01	2.02E+00	1.24E+01	1.27E+00	9.72E+00	9.50E-01	4.37E+00	5.51E-01	2.83E+00	2.88E-01	1.79E+00	1.64E-01	1.90E-01	1.86E-02	1.19E-09	1.17E-10
1.29E+00	2.36E-01	1.78E+01	2.00E+00	1.14E+01	1.26E+00	8.50E+00	9.42E-01	4.84E+00	5.38E-01	2.25E+00	3.23E-01	1.39E+00	1.85E-01	1.68E-01	1.84E-02	1.06E-09	1.16E-10
1.33E+00	2.54E-01	1.62E+01	2.05E+00	1.04E+01	1.24E+00	7.64E+00	9.40E-01	4.74E+00	5.63E-01	1.95E+00	3.57E-01	1.32E+00	2.06E-01	1.51E-01	1.80E-02	9.47E-10	1.12E-10
1.40E+00	2.79E-01	1.58E+01	2.42E+00	9.66E+00	1.47E+00	7.85E+00	1.12E+00	4.52E+00	6.62E-01	2.06E+00	4.06E-01	1.41E+00	2.36E-01	1.55E-01	2.14E-02	9.69E-10	1.34E-10
1.67E+00	3.10E-01	1.61E+01	2.94E+00	9.76E+00	1.80E+00	7.96E+00	1.36E+00	4.54E+00	8.05E-01	2.19E+00	4.73E-01	1.48E+00	2.76E-01	1.56E-01	2.62E-02	9.80E-10	1.65E-10
1.81E+00	4.02E-01	1.48E+01	2.94E+00	8.87E+00	1.82E+00	7.27E+00	1.37E+00	3.81E+00	8.10E-01	2.09E+00	4.58E-01	1.40E+00	2.69E-01	1.42E-01	2.64E-02	8.91E-10	1.66E-10
1.90E+00	4.59E-01	1.35E+01	2.68E+00	8.18E+00	1.67E+00	6.52E+00	1.26E+00	3.72E+00	7.72E-01	2.11E+00	4.99E-01	1.28E+00	2.79E-01	1.28E-01	2.43E-02	7.99E-10	1.53E-10
1.84E+00	4.64E-01	1.70E+01	2.83E+00	1.04E+01	1.80E+00	8.37E+00	1.33E+00	4.00E+00	8.19E-01	2.30E+00	5.11E-01	1.52E+00	2.89E-01	1.67E-01	2.61E-02	1.05E-09	1.63E-10
1.97E+00	3.96E-01	2.24E+01	3.00E+00	1.38E+01	1.85E+00	1.11E+01	1.45E+00	7.50E+00	7.87E-01	2.51E+00	4.83E-01	1.76E+00	2.74E-01	2.21E-01	2.86E-02	1.39E-09	1.79E-10
2.01E+00	3.68E-01	1.83E+01	2.99E+00	1.10E+01	1.84E+00	8.97E+00	1.38E+00	5.16E+00	8.97E-01	2.25E+00	4.83E-01	1.53E+00	2.79E-01	1.77E-01	2.65E-02	1.11E-09	1.66E-10
2.14E+00	5.34E-01	2.02E+01	3.35E+00	1.27E+01	2.03E+00	1.01E+01	1.53E+00	5.21E+00	9.36E-01	2.27E+00	5.72E-01	1.46E+00	3.29E-01	2.02E-01	2.97E-02	1.27E-09	1.86E-10
2.20E+00	6.45E-01	3.50E+01	3.53E+00	2.19E+01	2.13E+00	1.75E+01	1.62E+00	5.25E+00	9.90E-01	3.51E+00	7.26E-01	2.52E+00	4.15E-01	3.51E-01	3.08E-02	2.20E-09	1.94E-10
3.32E+00	5.02E-01	2.29E+01	4.04E+00	1.44E+01	2.50E+00	1.14E+01	1.89E+00	6.36E+00	1.11E+00	3.20E+00	6.42E-01	1.81E+00	3.80E-01	2.28E-01	3.63E-02	1.44E-09	2.28E-10
5.46E+00	4.82E-01	3.45E+01	2.90E+00	2.11E+01	1.74E+00	1.52E+01	1.32E+00	1.25E+01	9.18E-01	6.50E+00	5.77E-01	3.49E+00	3.29E-01	2.84E-01	2.49E-02	1.78E-09	1.54E-10
4.35E+00	6.30E-01	7.06E+01	5.26E+00	4.45E+01	3.29E+00	3.33E+01	2.46E+00	1.93E+01	1.44E+00	9.50E+00	7.37E-01	5.69E+00	4.37E-01	6.51E-01	4.80E-02	4.09E-09	3.01E-10
4.03E+00	8.27E-01	2.83E+01	3.06E+00	1.76E+01	1.78E+00	1.40E+01	1.35E+00	6.75E+00	1.04E+00	4.33E+00	7.84E-01	2.54E+00	4.23E-01	2.77E-01	2.54E-02	1.74E-09	1.60E-10
5.13E+00	5.59E-01	3.06E+01	3.78E+00	1.87E+01	2.38E+00	1.47E+01	1.76E+00	7.55E+00	1.16E+00	4.78E+00	7.11E-01	2.81E+00	3.97E-01	2.85E-01	3.42E-02	1.79E-09	2.15E-10
4.67E+00	5.86E-01	3.90E+01	3.64E+00	2.44E+01	2.24E+00	1.80E+01	1.74E+00	1.16E+01	9.63E-01	6.12E+00	6.12E-01	3.51E+00	3.53E-01	3.50E-01	3.39E-02	2.18E-09	2.13E-10
5.21E+00	7.25E-01	4.39E+01	3.48E+00	2.73E+01	2.12E+00	2.07E+01	1.62E+00	1.10E+01	9.28E-01	6.46E+00	7.05E-01	3.90E+00	3.93E-01	4.05E-01	3.10E-02	2.53E-09	1.95E-10
4.90E+00	5.39E-01	3.42E+01	3.06E+00	2.12E+01	1.82E+00	1.62E+01	1.37E+00	8.50E+00	9.26E-01	4.88E+00	5.93E-01	2.96E+00	3.30E-01	3.16E-01	2.55E-02	1.98E-09	1.61E-10
4.93E+00	5.35E-01	4.53E+01	3.48E+00	2.89E+01	2.10E+00	2.17E+01	1.59E+00	1.17E+01	9.88E-01	5.97E+00	6.24E-01	3.58E+00	3.58E-01	4.29E-01	3.01E-02	2.70E-09	1.89E-10
4.39E+00	4.49E-01	3.99E+01	4.72E+00	2.51E+01	2.89E+00	1.86E+01	2.19E+00	1.08E+01	1.28E+00	6.03E+00	7.34E-01	3.56E+00	4.28E-01	3.67E-01	4.21E-02	2.27E-09	2.65E-10
3.29E+00	5.14E-01	2.88E+01	3.04E+00	1.83E+01	1.82E+00	1.33E+01	1.34E+00	8.76E+00	1.01E+00	4.36E+00	6.02E-01	2.49E+00	3.29E-01	2.62E-01	2.52E-02	1.62E-09	1.58E-10
2.58E+00	5.43E-01	2.35E+01	4.70E+00	1.44E+01	2.86E+00	1.07E+01	2.15E+00	7.02E+00	1.33E+00	3.66E+00	7.58E-01	2.13E+00	4.35E-01	2.10E-01	4.13E-02	1.32E-09	2.60E-10
2.91E+00	6.23E-01	3.15E+01	4.70E+00	1.99E+01	2.80E+00	1.53E+01	2.09E+00	8.69E+00	1.40E+00	4.36E+00	8.19E-01	2.61E+00	4.55E-01	3.03E-01	3.96E-02	1.89E-09	2.49E-10
2.63E+00	6.27E-01	3.16E+01	5.91E+00	2.00E+01	3.58E+00	1.50E+01	2.66E+00	8.12E+00	1.66E+00	4.15E+00	9.00E-01	2.55E+00	5.09E-01	3.00E-01	5.15E-02	1.85E-09	3.23E-10
3.09E+00	7.73E-01	2.49E+01	5.12E+00	1.56E+01	3.10E+00	1.11E+01	2.32E+00	8.73E+00	1.54E+00	4.43E+00	9.20E-01	2.39E+00	5.19E-01	2.19E-01	4.39E-02	1.35E-09	2.76E-10
3.08E+00	7.66E-01	2.20E+01	6.10E+00	1.38E+01	3.66E+00	1.03E+01	2.71E+00	6.47E+00	1.86E+00	4.00E+00	1.03E+00	2.16E+00	5.66E-01	2.03E-01	5.16E-02	1.26E-09	3.24E-10
2.67E+00	6.41E-01	1.78E+01	6.17E+00	1.12E+01	3.78E+00	8.35E+00	2.83E+00	5.13E+00	1.66E+00	2.91E+00	8.84E-01	1.57E+00	4.98E-01	1.66E-01	5.52E-02	1.02E-09	3.47E-10
2.83E+00	6.29E-01	1.43E+01	4.72E+00	8.89E+00	2.80E+00	6.63E+00	2.08E+00	4.26E+00	1.44E+00	2.47E+00	8.35E-01	1.34E+00	4.57E-01	1.31E-01	3.94E-02	8.14E-10	2.48E-10
2.53E+00	5.68E-01	1.65E+01	4.90E+00	1.04E+01	2.96E+00	7.73E+00	2.20E+00	4.64E+00	1.40E+00	2.71E+00	7.61E-01	1.45E+00	4.27E-01	1.54E-01	4.24E-02	9.52E-10	2.67E-10
2.10E+00	5.99E-01	1.63E+01	3.13E+00	1.04E+01	1.91E+00	7.68E+00	1.43E+00	4.17E+00	8.56E-01	2.19E+00	6.23E-01	1.32E+00	3.41E-01	1.55E-01	2.78E-02	9.46E-10	1.75E-10
1.63E+00	5.67E-01	1.56E+01	2.50E+00	1.00E+01	1.46E+00	7.56E+00	1.09E+00	3.74E+00	7.86E-01	2.03E+00	5.89E-01	1.21E+00	3.20E-01	1.51E-01	2.09E-02	9.41E-10	1.31E-10
1.53E+00	4.69E-01	1.95E+01	2.11E+00	1.25E+01	1.20E+00	9.42E+00	9.04E-01	4.64E+00	6.82E-01	2.22E+00	4.89E-01	1.42E+00	2.64E-01	1.88E-01	1.64E-02	1.17E-09	1.03E-10
1.16E+00	3.56E-01	2.02E+01	1.77E+00	1.29E+01	1.03E+00	9.73E+00	7.60E-01	4.91E+00	5.88E-01	2.31E+00	3.86E-01	1.46E+00	2.07E-01	1.94E-01	1.40E-02	1.21E-09	8.77E-11
1.34E+00	2.87E-01	1.82E+01	1.65E+00	1.17E+01	9.82E-01	8.74E+00	7.17E-01	4.57E+00	5.67E-01	2.11E+00	3.33E-01	1.32E+00	1.79E-01	1.74E-01	1.33E-02	1.09E-09	8.37E-11
1.50E+00	3.18E-01	1.48E+01	1.58E+00	9.50E+00	9.63E-01	7.08E+00	6.96E-01	3.82E+00	5.49E-01	1.89E+00	3.23E-01	1.08E+00	1.81E-01	1.41E-01	1.31E-02	8.80E-10	8.24E-11
1.82E+00	3.91E-01	1.64E+01	1.54E+00	1.03E+01	9.56E-01	8.20E+00	7.11E-01	3.81E+00	5.13E-01	1.86E+00	3.91E-01	1.20E+00	2.15E-01	1.65E-01	1.40E-02	1.03E-09	8.71E-11
1.97E+00	4.30E-01	1.65E+01	1.88E+00	1.02E+01	1.10E+00	8.20E+00	8.27E-01	3.54E+00	5.48E-01	2.12E+00	4.44E-01	1.32E+00	2.41E-01	1.63E-01	1.63E-02	1.02E-09	1.02E-10
2.69E+00	4.01E-01	1.26E+01	2.31E+00	7.28E+00	1.33E+00	5.57E+00	9.97E-01	3.80E+00	6.90E-01	2.86E+00	4.69E-01	1.59E+00	2.55E-01	1.02E-01	1.87E-02	6.39E-10	1.17E-10
3.07E+00	3.82E-01	1.37E+01	3.69E+00	8.46E+00	2.25E+00	6.21E+00	1.66E+00	4.50E+00	1.09E+00	3.13E+00	5.97E-01	1.68E+00	3.34E-01	1.20E-01	3.21E-02	7.51E-10	2.01E-10
3.46E+00	3.55E-01	2.16E+01	5.43E+00	1.35E+01	3.40E+00	9.94E+00	2.52E+00	6.49E+00	1.53E+00	3.08E+00	7.57E-01	1.76E+00	4.42E-01	1.93E-01	4.94E-02	1.22E-09	3.10E-10
2.63E+00	2.71E-01	1.65E+01	3.74E+00	1.02E+01	2.35E+00	8.18E+00	1.75E+00	4.99E+00	1.03E+00	2.28E+00	5.06E-01	1.31E+00	2.99E-01	1.63E-01	3.43E-02	1.02E-09	2.15E-10
2.26E+00	2.48E-01	1.85E+01	3.00E+00	1.14E+01	1.89E+00	9.17E+00	1.41E+00	4.89E+00	8.02E-01	2.22E+00	3.93E-01	1.43E+00	2.36E-01	1.83E-01	2.78E-02	1.15E-09	1.74E-10
2.26E+00	3.71E-01	1.67E+01	3.40E+00	1.06E+01	2.17E+00	8.13E+00	1.59E+00	4.96E+00	1.03E+00	2.53E+00	4.61E-01	1.38E+00	2.69E-01	1.62E-01	3.11E-02	1.02E-09	1.95E-10

Scenario 2 Results

2.26E+00	3.54E-01	1.43E+01	3.14E+00	9.27E+00	2.00E+00	6.99E+00	1.47E+00	4.37E+00	9.38E-01	2.52E+00	4.25E-01	1.40E+00	2.49E-01	1.39E-01	2.88E-02	8.75E-10	1.81E-10
2.44E+00	3.66E-01	1.45E+01	3.26E+00	9.10E+00	2.08E+00	6.68E+00	1.53E+00	4.85E+00	9.58E-01	2.69E+00	4.33E-01	1.52E+00	2.57E-01	1.32E-01	3.00E-02	8.30E-10	1.88E-10
2.43E+00	3.68E-01	1.46E+01	2.73E+00	9.13E+00	1.74E+00	7.03E+00	1.29E+00	4.66E+00	7.95E-01	2.56E+00	3.63E-01	1.41E+00	2.16E-01	1.39E-01	2.52E-02	8.70E-10	1.58E-10
2.07E+00	3.26E-01	1.50E+01	1.88E+00	9.19E+00	1.20E+00	7.27E+00	8.88E-01	3.71E+00	5.44E-01	2.15E+00	2.75E-01	1.27E+00	1.53E-01	1.43E-01	1.74E-02	8.96E-10	1.09E-10
1.83E+00	2.96E-01	1.66E+01	1.48E+00	1.03E+01	9.43E-01	8.09E+00	7.00E-01	3.43E+00	4.33E-01	2.07E+00	2.87E-01	1.36E+00	1.60E-01	1.60E-01	1.37E-02	1.00E-09	8.61E-11
1.85E+00	2.68E-01	1.82E+01	1.61E+00	1.13E+01	9.82E-01	8.86E+00	7.30E-01	3.67E+00	4.83E-01	2.21E+00	3.06E-01	1.44E+00	1.72E-01	1.76E-01	1.40E-02	1.10E-09	8.81E-11
1.68E+00	2.39E-01	1.93E+01	1.78E+00	1.19E+01	1.08E+00	9.36E+00	8.08E-01	4.46E+00	5.33E-01	2.71E+00	3.23E-01	1.77E+00	1.83E-01	1.87E-01	1.55E-02	1.17E-09	9.74E-11
1.56E+00	2.36E-01	2.01E+01	1.90E+00	1.24E+01	1.16E+00	9.75E+00	8.66E-01	5.18E+00	5.65E-01	2.64E+00	3.34E-01	1.72E+00	1.89E-01	1.95E-01	1.65E-02	1.22E-09	1.04E-10
1.43E+00	2.35E-01	2.10E+01	1.93E+00	1.30E+01	1.18E+00	1.01E+01	8.83E-01	5.23E+00	5.67E-01	2.42E+00	3.35E-01	1.59E+00	1.91E-01	2.02E-01	1.69E-02	1.27E-09	1.06E-10
1.51E+00	2.72E-01	2.25E+01	2.01E+00	1.39E+01	1.23E+00	1.09E+01	9.23E-01	4.95E+00	5.84E-01	2.59E+00	3.48E-01	1.69E+00	1.99E-01	2.17E-01	1.76E-02	1.36E-09	1.11E-10
2.33E+00	3.27E-01	2.53E+01	2.23E+00	1.56E+01	1.38E+00	1.22E+01	1.02E+00	5.00E+00	6.65E-01	2.89E+00	3.90E-01	1.88E+00	2.22E-01	2.43E-01	1.97E-02	1.53E-09	1.24E-10
2.11E+00	3.53E-01	2.65E+01	2.53E+00	1.64E+01	1.55E+00	1.28E+01	1.15E+00	4.99E+00	7.59E-01	3.03E+00	4.32E-01	1.96E+00	2.47E-01	2.55E-01	2.21E-02	1.60E-09	1.39E-10
1.79E+00	3.72E-01	2.68E+01	2.82E+00	1.65E+01	1.72E+00	1.29E+01	1.28E+00	5.19E+00	8.56E-01	3.08E+00	4.72E-01	1.97E+00	2.70E-01	2.56E-01	2.44E-02	1.61E-09	1.53E-10
2.90E+00	4.23E-01	2.49E+01	2.92E+00	1.54E+01	1.78E+00	1.19E+01	1.32E+00	5.08E+00	9.02E-01	2.89E+00	5.10E-01	1.83E+00	2.86E-01	2.36E-01	2.51E-02	1.48E-09	1.58E-10
3.52E+00	5.71E-01	2.09E+01	2.94E+00	1.30E+01	1.79E+00	9.86E+00	1.33E+00	4.76E+00	9.18E-01	3.33E+00	6.04E-01	2.00E+00	3.36E-01	1.96E-01	2.52E-02	1.23E-09	1.58E-10
3.56E+00	6.63E-01	2.18E+01	3.13E+00	1.31E+01	1.98E+00	1.06E+01	1.46E+00	8.24E+00	9.30E-01	3.11E+00	6.71E-01	1.84E+00	3.79E-01	2.09E-01	2.84E-02	1.31E-09	1.78E-10
2.50E+00	5.74E-01	1.64E+01	3.60E+00	1.05E+01	2.23E+00	7.72E+00	1.66E+00	5.40E+00	1.02E+00	2.21E+00	6.10E-01	1.34E+00	3.50E-01	1.53E-01	3.21E-02	9.53E-10	2.01E-10
2.81E+00	4.93E-01	2.31E+01	4.18E+00	1.45E+01	2.55E+00	1.15E+01	1.91E+00	5.16E+00	1.20E+00	2.62E+00	6.96E-01	1.66E+00	3.99E-01	2.31E-01	3.67E-02	1.45E-09	2.30E-10
3.27E+00	7.40E-01	3.68E+01	4.69E+00	2.31E+01	2.82E+00	1.84E+01	2.14E+00	5.53E+00	1.33E+00	3.69E+00	8.34E-01	2.65E+00	4.77E-01	3.69E-01	4.06E-02	2.32E-09	2.55E-10
3.12E+00	7.41E-01	2.65E+01	4.53E+00	1.66E+01	2.72E+00	1.32E+01	2.10E+00	5.03E+00	1.26E+00	3.18E+00	8.78E-01	1.91E+00	5.12E-01	2.64E-01	3.92E-02	1.66E-09	2.46E-10
7.27E+00	6.19E-01	1.88E+01	3.35E+00	1.17E+01	2.07E+00	8.64E+00	1.57E+00	7.49E+00	9.46E-01	5.91E+00	6.49E-01	3.04E+00	3.69E-01	1.69E-01	3.04E-02	1.06E-09	1.91E-10
6.54E+00	7.20E-01	6.52E+01	4.84E+00	4.06E+01	2.97E+00	3.01E+01	2.23E+00	1.98E+01	1.41E+00	1.01E+01	7.80E-01	5.82E+00	4.55E-01	5.78E-01	4.26E-02	3.63E-09	2.68E-10
4.99E+00	9.85E-01	3.01E+01	3.48E+00	1.86E+01	2.05E+00	1.41E+01	1.58E+00	7.95E+00	1.23E+00	4.57E+00	9.24E-01	2.71E+00	5.02E-01	2.74E-01	3.05E-02	1.72E-09	1.92E-10
7.50E+00	5.81E-01	3.76E+01	3.95E+00	2.19E+01	2.37E+00	1.70E+01	1.84E+00	1.06E+01	1.08E+00	8.15E+00	7.37E-01	4.66E+00	4.36E-01	3.12E-01	3.49E-02	1.97E-09	2.19E-10
5.51E+00	6.83E-01	6.36E+01	4.61E+00	3.93E+01	2.81E+00	3.00E+01	2.15E+00	1.61E+01	1.25E+00	9.37E+00	7.94E-01	5.64E+00	4.67E-01	5.82E-01	4.08E-02	3.65E-09	2.57E-10
4.81E+00	6.19E-01	4.25E+01	3.46E+00	2.63E+01	2.15E+00	2.02E+01	1.64E+00	1.03E+01	8.72E-01	6.03E+00	5.67E-01	3.68E+00	3.12E-01	3.93E-01	3.18E-02	2.47E-09	1.99E-10
4.37E+00	6.93E-01	4.99E+01	4.33E+00	3.11E+01	2.57E+00	2.34E+01	1.94E+00	1.30E+01	1.32E+00	7.63E+00	8.39E-01	4.55E+00	4.70E-01	4.58E-01	3.62E-02	2.84E-09	2.28E-10
4.24E+00	6.32E-01	3.90E+01	4.16E+00	2.46E+01	2.58E+00	1.81E+01	1.98E+00	1.11E+01	1.02E+00	5.76E+00	6.47E-01	3.36E+00	3.50E-01	3.57E-01	3.87E-02	2.21E-09	2.43E-10
3.24E+00	8.10E-01	2.84E+01	6.24E+00	1.74E+01	3.78E+00	1.28E+01	2.84E+00	8.14E+00	1.80E+00	4.33E+00	1.07E+00	2.50E+00	5.99E-01	2.52E-01	5.44E-02	1.59E-09	3.42E-10
3.85E+00	8.18E-01	3.64E+01	6.77E+00	2.29E+01	4.06E+00	1.74E+01	3.01E+00	9.70E+00	2.04E+00	5.32E+00	1.13E+00	3.05E+00	6.28E-01	3.44E-01	5.73E-02	2.16E-09	3.61E-10
3.70E+00	8.79E-01	3.34E+01	6.04E+00	2.10E+01	3.68E+00	1.58E+01	2.78E+00	1.13E+01	1.73E+00	5.37E+00	1.03E+00	2.92E+00	5.76E-01	3.14E-01	5.43E-02	1.95E-09	3.41E-10
3.95E+00	8.71E-01	3.39E+01	6.78E+00	2.09E+01	4.12E+00	1.52E+01	3.08E+00	1.08E+01	2.00E+00	5.82E+00	1.13E+00	3.22E+00	6.25E-01	2.94E-01	5.92E-02	1.83E-09	3.72E-10
3.44E+00	6.82E-01	2.37E+01	5.67E+00	1.42E+01	3.47E+00	1.05E+01	2.60E+00	7.10E+00	1.51E+00	4.51E+00	8.23E-01	2.48E+00	4.71E-01	2.05E-01	5.06E-02	1.28E-09	3.18E-10
2.80E+00	5.81E-01	1.80E+01	4.68E+00	1.11E+01	2.78E+00	8.34E+00	2.06E+00	5.02E+00	1.40E+00	2.88E+00	8.01E-01	1.72E+00	4.39E-01	1.65E-01	3.92E-02	1.01E-09	2.46E-10
2.40E+00	7.17E-01	2.08E+01	4.04E+00	1.30E+01	2.44E+00	9.76E+00	1.82E+00	5.35E+00	1.11E+00	2.99E+00	7.33E-01	1.76E+00	4.01E-01	1.92E-01	3.52E-02	1.20E-09	2.22E-10
2.33E+00	7.54E-01	2.07E+01	3.32E+00	1.29E+01	1.89E+00	9.74E+00	1.42E+00	5.17E+00	1.06E+00	2.74E+00	7.83E-01	1.63E+00	4.24E-01	1.93E-01	2.69E-02	1.20E-09	1.69E-10
2.28E+00	7.09E-01	1.83E+01	3.38E+00	1.15E+01	1.94E+00	8.62E+00	1.44E+00	4.50E+00	1.13E+00	2.47E+00	7.58E-01	1.49E+00	4.04E-01	1.71E-01	2.62E-02	1.07E-09	1.65E-10
2.26E+00	5.49E-01	2.16E+01	3.07E+00	1.39E+01	1.81E+00	1.04E+01	1.31E+00	5.49E+00	1.07E+00	2.50E+00	6.29E-01	1.56E+00	3.32E-01	2.07E-01	2.43E-02	1.29E-09	1.53E-10
1.88E+00	3.33E-01	2.29E+01	2.25E+00	1.47E+01	1.36E+00	1.10E+01	9.84E-01	5.96E+00	7.85E-01	2.66E+00	4.15E-01	1.65E+00	2.21E-01	2.18E-01	1.86E-02	1.36E-09	1.17E-10
1.44E+00	3.15E-01	2.05E+01	1.85E+00	1.32E+01	1.14E+00	9.75E+00	8.26E-01	5.62E+00	6.22E-01	2.42E+00	3.44E-01	1.48E+00	1.91E-01	1.94E-01	1.58E-02	1.21E-09	9.92E-11
1.22E+00	2.74E-01	1.59E+01	1.57E+00	1.03E+01	9.68E-01	7.53E+00	7.16E-01	4.65E+00	4.94E-01	1.93E+00	3.22E-01	1.15E+00	1.77E-01	1.50E-01	1.38E-02	9.34E-10	8.62E-11
1.23E+00	2.49E-01	1.15E+01	1.60E+00	7.44E+00	9.55E-01	5.38E+00	7.08E-01	3.53E+00	4.70E-01	1.52E+00	3.14E-01	9.12E-01	1.73E-01	1.07E-01	1.36E-02	6.66E-10	8.55E-11
1.38E+00	2.28E-01	1.07E+01	1.65E+00	6.77E+00	9.73E-01	5.00E+00	7.25E-01	2.99E+00	4.75E-01	1.69E+00	3.04E-01	9.91E-01	1.67E-01	9.89E-02	1.38E-02	6.06E-10	8.64E-11
2.14E+00	1.92E-01	1.16E+01	1.53E+00	7.28E+00	9.05E-01	5.38E+00	6.74E-01	3.18E+00	4.32E-01	1.88E+00	2.70E-01	1.07E+00	1.49E-01	1.07E-01	1.29E-02	6.52E-10	8.08E-11
2.85E+00	2.66E-01	1.21E+01	1.38E+00	7.60E+00	8.26E-01	5.64E+00	6.15E-01	3.27E+00	3.84E-01	2.53E+00	2.53E-01	1.36E+00	1.34E-01	1.12E-01	1.19E-02	6.83E-10	7.43E-11
3.70E+00	3.02E-01	1.21E+01	1.49E+00	7.60E+00	8.91E-01	5.64E+00	6.65E-01	4.29E+00	4.87E-01	3.32E+00	3.10E-01	1.78E+00	1.60E-01	1.12E-01	1.28E-02	6.84E-10	7.87E-11
3.99E+00	3.19E-01	1.94E+01	2.38E+00	1.20E+01	1.45E+00	9.65E+00	1.03E+00	6.95E+00	8.73E-01	3.53E+00	4.26E-01	1.66E+00	2.23E-01	1.92E-01	1.95E-02	1.21E-09	1.22E-10
2.77E+00	3.01E-01	2.35E+01	2.88E+00	1.49E+01	1.81E+00	1.12E+01	1.30E+00	7.97E+00	9.83E-01	3.60E+00	4.48E-01	2.01E+00	2.46E-01	2.23E-01	2.51E-02	1.40E-09	1.57E-10
1.80E+00	2.57E-01	2.00E+01	2.41E+00	1.27E+01	1.52E+00	9.29E+00	1.10E+00	6.49E+00	7.79E-01	2.97E+00	3.54E-01	1.70E+00	1.99E-01	1.80E-01	2.15E-02	1.13E-09	1.35E-10
1.54E+00	2.21E-01	1.69E+01	1.94E+00	1.07E+01	1.23E+00	7.93E+00	9.04E-01	5.59E+00	5.98E-01	2.36E+00	2.85E-01	1.38E+00	1.61E-01	1.55E-01	1.76E-02	9.73E-10	1.11E-10
3.06E+00	6.15E-01	1.33E+01	2.02E+00	8.60E+00	1.24E+00	6.34E+00	9.29E-01	4.32E+00	5.83E-01	1.93E+00	4.49E-01	1.06E+00	2.52E-01	1.26E-01	1.78E-02	7.88E-10	1.12E-10
3.11E+00	6.20E-01	1.30E+01	1.88E+00	8.34E+00	1.15E+00	6.16E+00	8.58E-01	4.20E+00	5.50E-01	1.97E+00	4.55E-01	1.08E+00	2.56E-01	1.22E-01	1.65E-02	7.66E-10	1.04E-10
3.21E+00	6.33E-01	1.31E+01	1.82E+00	8.42E+00	1.12E+00	6.31E+00	8.32E-01	4.22E+00	5.41E-01	2.05E+00	4.68E-01	1.13E+00	2.63E-01	1.27E-01	1.61E-02	7.95E-10	1.01E-10
3.23E+00	6.30E-01	1.46E+01	1.77E+00	9.19E+00	1.07E+00	7.32E+00	8.05E-01	4.07E+00	5.48E-01	2.08E+00	4.71E-01	1.14E+00	2.65E-01	1.47E-01	1.61E-02	9.22E-10	1.01E-10
2.94E+00	5.70E-01	1.38E+01	1.59E+00	8.66E+00	9.54E-01	6.91E+00	7.21E-01	3.39E+00	4.93E-01	1.91E+00	4.36E-01	1.06E+00	2.46E-01	1.39E-01	1.40E-02	8.70E-10	8.79E-11
2.75E+00	5.43E-01	1.10E+01	1.61E+00	6.94E+00	9.74E-01	5.49E+00	7.35E-01	3.07E+00	4.98E-01	1.97E+00	4.26E-01	1.12E+00	2.40E-01	1.10E-01	1.37E-02	6.91E-10	8.62E-11
2.53E+00	5.11E-01	1.31E+01	1.63E+00	8.11E+00	9.96E-01	6.24E+00	7.50E-01	3.18E+00	5.02E-01	2.16E+00	4.15E-01	1.18E+00	2.34E-01	1.21E-01	1.41E-02	7.60E-10	8.84E-11
2.55E+00	4.45E-01	1.68E+01	1.49E+00	1.03E+01	9.19E-01	8.03E+00	6.90E-01	3.68E+00	4.57E-01	2.44E+00	3.81E-01	1.53E+00	2.16E-01	1.56E-01	1.30E-02	9.80E-10	8.19E-11
2.15E+00	3.75E-01	1.76E+01	1.24E+00	1.07E+01	7.44E-01	8.51E+00	5.65E-01	3.46E+00	3.61E-01	2.56E+00	2.97E-01	1.63E+00	1.70E-01	1.68E-01	1.07E-02	1.05E-09	6.69E-11
1.94E+00	3.53E-01	1.54E+01	1.32E+00	9.32E+00	7.59E-01	7.58E+00	5.84E-01	3.36E+00	3.73E-01	2.13E+00	2.87E-01	1.41E+00	1.62E-01	1.49E-01	1.08E-02	9.31E-10	6.76E-11
2.09E+00	3.71E-01	1.52E+01	1.46E+00	9.20E+00	8.46E-01	7.46E+00	6.48E-01	3.37E+00	4.17E-01	2.01E+00	3.13E-01	1.35E+00	1.76E-01	1.47E-01	1.21E-02	9.19E-10	7.60E-11
2.15E+00	3.49E-01	1.43E+01	1.58E+00	8.72E+00	9.66E-01	7.03E+00	7.20E-01	3.36E+00	4.56E-01	1.92E+00	3.32E-01	1.23E+00	1.87E-01	1.39E-01	1.40E-02	8.71E-10	8.76E-11
2.75E+00	3.15E-01	1.32E+01	1.89E+00	8.22E+00	1.17E+00	6.45E+00	8.69E-01	3.35E+00	5.50E-01	1.98E+00	3.56E-01	1.14E+00	2.01E-01	1.28E-01	1.68E-02	8.01E-10	1.06E-10
3.58E+00	3.40E-01	1.24E+01	2.36E+00	7.55E+00	1.46E+00	6.06E+00	1.08E+00	3.39E+00	7.06E-01	2.45E+00	4.10E-01	1.36E+00	2.32E-01	1.20E-01	2.08E-02	7.54E-10	1.31E-10
4.15E+00	3.61E-01	1.26E+01	2.78E+00	8.17E+00	1.72E+00	5.96E+00	1.26E+00	3.79E+00	8.48E-01	2.87E+00	4.41E-01	1.58E+00	2.51E-01	1.18E-01	2.44E-02	7.36E-10	1.53E-10
5.18E+00	4.10E-01	1.52E+01	3.36E+00	9.83E+00	2.07E+00	7.17E+00	1.52E+00	4.47E+00	1.03E+00	3.49E+00	5.46E-01	1.96E+00	3.05E-01	1.43E-01	2.92E-02	8.85E-10	1.84E-10
5.77E+00	4.65E-01	1.88E+01	4.00E+00	1.21E+01	2.44E+00	8.85E+00	1.81E+00	5.57E+00	1.22E+00	3.59E+00	6.77E-01	1.97E+00	3.80E-01	1.75E-01	3.46E-02	1.09E-09	2.17E-10
5.93E+00	6.15E-01	2.32E+01	3.88E+00	1.49E+01	2.35E+00	1.11E+01	1.75E+00	6.73E+00	1.20E+00	5.15E+00	7.25E-01	2.99E+00	4.05E-01	2.21E-01	3.30E-02	1.39E-09	2.07E-10
3.79E+00	8.84E-01	2.68E+01	3.88E+00	1.72E+01	2.40E+00	1.27E+01	1.79E+00	7.66E+00	1.13E+00	3.61E+00	8.73E-01	2.16E+00	4.94E-01	2.50E-01	3.45E-02	1.56E-09	2.17E-10
3.70E+00	8.53E-01	2.84E+01	4.77E+00	1.80E+01	2.93E+00	1.34E+01	2.18E+00	7.89E+00	1.40E+00	3.93E+00	8.16E-01	2.35E+00	4.72E-01	2.63E-01	4.19E-02	1.65E-09	2.63E-10
3.99E+00	6.93E-01	2.95E+01	5.77E+00	1.84E+01	3.50E+00	1.47E+01	2.61E+00	6.81E+00	1.70E+00	3.55E+00	1.00E+00	2.12E+00	5.64E-01	2.95E-01	4.98E-02	1.86E-09	3.13E-10
4.11E+00	8.72E-01	1.95E+01	5.15E+00	1.22E+01	3.07E+00	9.75E+00	2.31E+00	5.36E+00	1.55E+00	2.98E+00	1.05E+00	1.70E+00	5.93E-01	1.95E-01	4.33E-02	1.23E-09	2.72E-10
4.47E+00	7.41E-01	1.83E+01	5.39E+00	1.12E+01	3.27E+00	8.41E+00	2.43E+00	5.50E+00	1.69E+00	3.90E+00	9.74E-01	2.03E+00	5.44E-01	1.64E-01	4.59E-02	1.03E-09	2.89E-10
9.53E+00	9.70E-01	4.81E+01	6.58E+00	2.79E+01	3.95E+00	2.28E+01	3.03E+00	1.29E+01	1.81E+00	1.00E+01	1.21E+00	6.11E+00	7.06E-01	4.19E-01	5.71E-02	2.64E-09	3.59E-10
7.66E+00	8.29E-01	4.19E+01	3.71E+00	2.50E+01	2.25E+00	1.89E+01	1.77E+00	1.26E+01	1.02E+00	8.80E+00	8.54E-01	4.90E+00	4.76E-01	3.67E-01	3.39E-02	2.30E-09	2.13E-10
9.00E+00	8.76E-01	7.82E+01	6.15E+00	4.84E+01	3.72E+00	3.67E+01	2.83E+00	2.04E+01	1.74E+00	1.15E+01	1.14E+00	6.83E+00	6.59E-01	7.12E-01	5.34E-02	4.47E-09	3.36E-10
6.07E+00	6.18E-01	4.45E+01	3.84E+00	2.75E+01	2.35E+00	2.12E+01	1.81E+00	1.26E+01	9.24E-01	6.86E+00	6.01E-01	3.96E+00	3.63E-01	4.15E-01	3.51E-02	2.61E-09	2.20E-10
4.38E+00	5.65E-01	5.78E+01	6.07E+00	3.60E+01	3.69E+00	2.71E+01	2.83E+00	1.50E+01	1.48E+00	8.37E+00	9.22E-01	5.01E+00	5.50E-01	5.31E-01	5.48E-02	3.32E-09	3.45E-10
4.03E+00	1.05E+00	3.55E+01	7.13E+00	2.20E+01	4.27E+00	1.70E+01	3.22E+00	1.01E+01	2.02E+00	5.24E+00	1.25E+00	3.06E+00	7.07E-01	3.36E-01	6.11E-02	2.11E-09	3.85E-10
5.67E+00	1.27E+00	4.84E+01	9.57E+00	2.96E+01	5.73E+00	2.21E+01	4.26E+00	1.42E+01	2.74E+00	8.15E+00	1.50E+00	4.66E+00	8.36E-01	4.24E-01	8.20E-02	2.66E-09	5.16E-10
5.48E+00	1.24E+00	4.87E+01	9.44E+00	3.03E+01	5.73E+00	2.20E+01	4.28E+00	1.60E+01	2.72E+00	8.13E+00	1.56E+00	4.51E+00	8.76E-01	4.22E-01	8.21E-02	2.64E-09	5.17E-10
4.87E+00	8.82E-01	4.24E+01	6.87E+00	2.60E+01	4.19E+00	1.92E+01	3.15E+00	1.28E+01	1.79E+00	7.20E+00	1.07E+00	4.02E+00	6.04E-01	3.68E-01	6.16E-02	2.30E-09	3.87E-10
3.51E+00	8.74E-01	2.87E+01	5.09E+00	1.80E+01	3.04E+00	1.35E+01	2.26E+00	7.23E+00	1.45E+00	4.58E+00	8.64E-01	2.57E+00	4.73E-01	2.68E-01	4.34E-02	1.66E-09	2.73E-10
2.43E+00	7.85E-01	2.68E+01	3.62E+00	1.67E+01	2.07E+00	1.26E+01	1.56E+00	6.75E+00	1.15E+00	3.62E+00	8.31E-01	2.14E+00	4.54E-01	2.48E-01	2.88E-02	1.56E-09	1.81E-10
2.42E+00	6.42E-01	2.33E+01	3.42E+00	1.45E+01	1.98E+00	1.10E+01	1.47E+00	6.11E+00	1.13E+00	3.45E+00	7.21E-01	2.02E+00	3.85E-01	2.17E-01	2.71E-02	1.36E-09	1.70E-10
2.71E+00	4.87E-01	2.31E+01	3.28E+00	1.44E+01	1.96E+00	1.08E+01	1.41E+00	6.18E+00	1.12E+00	3.43E+00	6.11E-01	2.02E+00	3.23E-01	2.10E-01	2.66E-02	1.31E-09	1.67E-10
2.35E+00	5.01E-01	2.44E+01	2.93E+00	1.56E+01	1.80E+00	1.16E+01	1.31E+00	6.48E+00	9.70E-01	3.05E+00	5.11E-01	1.81E+00	2.83E-01	2.31E-01	2.50E-02	1.45E-09	1.57E-10
2.69E+00	4.35E-01	2.53E+01	2.53E+00	1.63E+01	1.56E+00	1.21E+01	1.15E+00	6.88E+00	7.76E-01	3.04E+00	5.02E-01	1.85E+00	2.73E-01	2.39E-01	2.21E-02	1.50E-09	1.39E-10
1.74E+00	3.05E-01	2.28E+01	2.37E+00	1.47E+01	1.46E+00	1.08E+01	1.08E+00	6.51E+00	7.07E-01	2.78E+00	4.14E-01	1.66E+00	2.26E-01	2.14E-01	2.09E-02	1.34E-09	1.31E-10
1.69E+00	2.15E-01	1.81E+01	2.19E+00	1.17E+01	1.36E+00	8.49E+00	1.01E+00	5.56E+00	6.33E-01	2.27E+00	3.36E-01	1.32E+00	1.93E-01	1.68E-01	1.95E-02	1.05E-09	1.22E-10
1.57E+00	1.96E-01	1.41E+01	1.90E+00	8.83E+00	1.18E+00	6.59E+00	8.80E-01	4.15E+00	5.39E-01	2.18E+00	2.85E-01	1.28E+00	1.65E-01	1.29E-01	1.71E-02	8.00E-10	1.07E-10
1.44E+00	1.88E-01	1.44E+01	1.58E+00	8.99E+00	9.80E-01	6.70E+00	7.31E-01	3.88E+00	4.42E-01	2.21E+00	2.59E-01	1.30E+00	1.49E-01	1.32E-01	1.42E-02	8.14E-10	8.91E-11
1.72E+00	1.93E-01	1.42E+01	1.48E+00	8.90E+00	8.96E-01	6.62E+00	6.69E-01	3.80E+00	4.11E-01	2.19E+00	2.65E-01	1.29E+00	1.52E-01	1.31E-01	1.30E-02	8.04E-10	7.99E-11
2.23E+00	2.24E-01	1.39E+01	1.56E+00	8.69E+00	9.38E-01	6.45E+00	7.01E-01	3.69E+00	4.31E-01	2.16E+00	2.86E-01	1.27E+00	1.62E-01	1.28E-01	1.36E-02	7.84E-10	8.34E-11
2.87E+00	2.44E-01	1.34E+01	1.60E+00	8.37E+00	9.57E-01	6.22E+00	7.14E-01	3.52E+00	4.38E-01	2.57E+00	2.97E-01	1.39E+00	1.68E-01	1.24E-01	1.38E-02	7.56E-10	8.49E-11

Scenario 2 Results

4.27E+00	3.08E-01	1.39E+01	1.65E+00	7.97E+00	9.85E-01	5.87E+00	7.36E-01	5.76E+00	5.00E-01	3.83E+00	3.36E-01	1.98E+00	1.84E-01	1.17E-01	1.43E-02	7.13E-10	8.73E-11
3.71E+00	3.08E-01	1.41E+01	1.75E+00	8.69E+00	1.09E+00	6.24E+00	7.81E-01	6.12E+00	6.00E-01	3.29E+00	3.35E-01	1.57E+00	1.85E-01	1.21E-01	1.51E-02	7.61E-10	9.45E-11
2.50E+00	3.21E-01	3.01E+01	3.01E+00	1.91E+01	1.91E+00	1.40E+01	1.42E+00	9.31E+00	8.51E-01	4.13E+00	4.04E-01	2.37E+00	2.40E-01	2.73E-01	2.78E-02	1.71E-09	1.75E-10
1.63E+00	2.58E-01	2.12E+01	1.88E+00	1.35E+01	1.19E+00	1.00E+01	8.97E-01	6.07E+00	5.00E-01	2.76E+00	3.31E-01	1.64E+00	1.86E-01	1.97E-01	1.76E-02	1.24E-09	1.11E-10
1.60E+00	1.96E-01	1.36E+01	1.41E+00	8.43E+00	8.58E-01	6.28E+00	6.35E-01	4.02E+00	4.02E-01	2.13E+00	2.61E-01	1.23E+00	1.48E-01	1.21E-01	1.24E-02	7.60E-10	7.55E-11
2.09E+00	1.83E-01	1.43E+01	1.29E+00	8.84E+00	7.87E-01	6.62E+00	5.82E-01	4.11E+00	3.72E-01	2.28E+00	2.42E-01	1.32E+00	1.37E-01	1.27E-01	1.13E-02	7.99E-10	6.91E-11
2.19E+00	3.74E-01	1.20E+01	2.66E+00	7.62E+00	1.64E+00	5.70E+00	1.23E+00	3.47E+00	7.49E-01	1.67E+00	4.31E-01	9.22E-01	2.51E-01	1.13E-01	2.37E-02	7.09E-10	1.49E-10
2.36E+00	4.01E-01	1.30E+01	2.82E+00	8.24E+00	1.73E+00	6.21E+00	1.30E+00	3.70E+00	7.88E-01	1.80E+00	4.58E-01	1.00E+00	2.66E-01	1.23E-01	2.50E-02	7.72E-10	1.57E-10
2.36E+00	4.07E-01	1.25E+01	2.65E+00	7.91E+00	1.62E+00	5.99E+00	1.22E+00	3.44E+00	7.42E-01	1.80E+00	4.40E-01	9.79E-01	2.55E-01	1.19E-01	2.34E-02	7.46E-10	1.47E-10
2.54E+00	4.42E-01	1.30E+01	2.76E+00	8.19E+00	1.69E+00	6.24E+00	1.28E+00	3.60E+00	7.70E-01	1.93E+00	4.61E-01	1.05E+00	2.68E-01	1.24E-01	2.44E-02	7.78E-10	1.53E-10
2.52E+00	4.53E-01	1.17E+01	2.54E+00	7.33E+00	1.54E+00	5.62E+00	1.17E+00	3.24E+00	7.08E-01	1.90E+00	4.35E-01	1.03E+00	2.53E-01	1.12E-01	2.23E-02	7.01E-10	1.40E-10
2.82E+00	5.17E-01	1.21E+01	2.72E+00	7.57E+00	1.65E+00	5.83E+00	1.26E+00	3.49E+00	7.57E-01	2.08E+00	4.70E-01	1.14E+00	2.73E-01	1.16E-01	2.39E-02	7.29E-10	1.50E-10
2.72E+00	5.23E-01	1.04E+01	2.36E+00	6.57E+00	1.43E+00	5.04E+00	1.09E+00	2.92E+00	6.60E-01	2.06E+00	4.30E-01	1.05E+00	2.46E-01	1.00E-01	2.06E-02	6.26E-10	1.29E-10
2.52E+00	4.85E-01	1.62E+01	1.86E+00	9.95E+00	1.12E+00	8.01E+00	8.53E-01	2.47E+00	5.25E-01	1.93E+00	4.08E-01	1.32E+00	2.34E-01	1.60E-01	1.61E-02	9.97E-10	1.01E-10
2.50E+00	4.38E-01	2.05E+01	1.53E+00	1.25E+01	9.20E-01	1.01E+01	6.98E-01	2.98E+00	4.33E-01	2.50E+00	3.79E-01	1.70E+00	2.18E-01	2.00E-01	1.33E-02	1.25E-09	8.31E-11
2.29E+00	3.58E-01	1.58E+01	1.34E+00	9.37E+00	8.23E-01	7.65E+00	6.21E-01	2.54E+00	3.94E-01	2.18E+00	3.26E-01	1.44E+00	1.88E-01	1.50E-01	1.19E-02	9.41E-10	7.43E-11
2.14E+00	3.42E-01	1.03E+01	1.41E+00	6.44E+00	8.43E-01	4.99E+00	6.40E-01	2.73E+00	4.11E-01	1.56E+00	3.17E-01	9.86E-01	1.83E-01	9.92E-02	1.20E-02	6.21E-10	7.52E-11
2.01E+00	3.18E-01	1.04E+01	1.47E+00	6.38E+00	8.83E-01	5.13E+00	6.70E-01	2.90E+00	4.26E-01	1.53E+00	3.04E-01	8.66E-01	1.76E-01	1.02E-01	1.26E-02	6.40E-10	7.90E-11
2.12E+00	3.33E-01	1.03E+01	1.58E+00	6.38E+00	9.53E-01	4.84E+00	7.24E-01	3.12E+00	4.58E-01	1.66E+00	3.19E-01	9.38E-01	1.84E-01	9.62E-02	1.36E-02	6.03E-10	8.55E-11
2.53E+00	3.87E-01	1.11E+01	1.77E+00	6.87E+00	1.06E+00	5.07E+00	8.05E-01	3.38E+00	5.03E-01	1.81E+00	3.61E-01	1.02E+00	2.09E-01	9.75E-02	1.53E-02	6.12E-10	9.57E-11
2.79E+00	4.03E-01	1.17E+01	2.01E+00	7.20E+00	1.21E+00	5.32E+00	9.15E-01	3.55E+00	5.64E-01	1.93E+00	3.77E-01	1.08E+00	2.18E-01	1.02E-01	1.74E-02	6.42E-10	1.09E-10
3.48E+00	4.60E-01	1.33E+01	2.37E+00	8.17E+00	1.43E+00	6.04E+00	1.08E+00	4.06E+00	6.73E-01	2.47E+00	4.26E-01	1.38E+00	2.46E-01	1.16E-01	2.05E-02	7.27E-10	1.29E-10
3.47E+00	4.53E-01	1.40E+01	2.71E+00	8.57E+00	1.64E+00	6.36E+00	1.24E+00	4.44E+00	7.70E-01	2.52E+00	5.01E-01	1.44E+00	2.83E-01	1.21E-01	2.35E-02	7.62E-10	1.47E-10
7.16E+00	4.58E-01	1.58E+01	3.01E+00	1.01E+01	1.82E+00	7.52E+00	1.37E+00	5.07E+00	8.53E-01	5.21E+00	5.39E-01	2.89E+00	3.04E-01	1.49E-01	2.61E-02	9.25E-10	1.64E-10
9.51E+00	6.76E-01	2.35E+01	3.35E+00	1.50E+01	2.03E+00	1.11E+01	1.53E+00	6.56E+00	1.05E+00	6.01E+00	5.76E-01	3.45E+00	3.30E-01	2.19E-01	2.92E-02	1.37E-09	1.83E-10
9.41E+00	4.78E-01	3.21E+01	3.48E+00	2.04E+01	2.09E+00	1.52E+01	1.56E+00	9.06E+00	1.14E+00	6.87E+00	6.51E-01	4.07E+00	3.50E-01	2.97E-01	2.97E-02	1.86E-09	1.87E-10
3.76E+00	6.35E-01	3.60E+01	4.20E+00	2.28E+01	2.59E+00	1.71E+01	1.92E+00	1.01E+01	1.32E+00	5.10E+00	7.72E-01	3.05E+00	4.16E-01	3.32E-01	3.70E-02	2.08E-09	2.33E-10
4.31E+00	7.03E-01	2.87E+01	5.21E+00	1.80E+01	3.18E+00	1.35E+01	2.35E+00	8.01E+00	1.77E+00	4.28E+00	8.65E-01	2.54E+00	4.84E-01	2.61E-01	4.51E-02	1.64E-09	2.84E-10
6.22E+00	8.39E-01	1.83E+01	6.82E+00	1.12E+01	4.13E+00	8.15E+00	3.06E+00	5.90E+00	2.08E+00	3.81E+00	1.21E+00	2.33E+00	6.73E-01	1.56E-01	5.82E-02	9.82E-10	3.66E-10
8.61E+00	8.46E-01	1.97E+01	6.13E+00	1.21E+01	3.67E+00	8.47E+00	2.66E+00	7.71E+00	2.17E+00	4.99E+00	1.16E+00	3.05E+00	6.21E-01	1.62E-01	5.05E-02	1.02E-09	3.18E-10
5.82E+00	1.36E+00	6.32E+01	7.44E+00	3.97E+01	4.36E+00	2.93E+01	3.34E+00	1.80E+01	2.15E+00	8.30E+00	1.58E+00	4.79E+00	8.92E-01	5.75E-01	6.18E-02	3.62E-09	3.89E-10
5.60E+00	9.22E-01	4.37E+01	6.21E+00	2.73E+01	3.71E+00	1.99E+01	2.66E+00	1.35E+01	2.22E+00	6.39E+00	1.22E+00	3.58E+00	6.36E-01	3.88E-01	4.99E-02	2.44E-09	3.14E-10
1.34E+01	1.15E+00	5.71E+01	5.16E+00	3.53E+01	3.05E+00	2.64E+01	2.25E+00	1.64E+01	1.79E+00	8.89E+00	1.13E+00	5.13E+00	6.06E-01	5.10E-01	4.13E-02	3.20E-09	2.60E-10
6.21E+00	1.31E+00	4.23E+01	6.97E+00	2.63E+01	4.21E+00	2.03E+01	3.08E+00	1.07E+01	2.30E+00	6.07E+00	1.26E+00	3.47E+00	6.88E-01	4.01E-01	5.82E-02	2.52E-09	3.66E-10
8.81E+00	1.67E+00	7.96E+01	1.14E+01	4.90E+01	6.90E+00	3.62E+01	4.89E+00	2.44E+01	4.26E+00	1.30E+01	2.22E+00	7.36E+00	1.14E+00	6.94E-01	9.19E-02	4.36E-09	5.78E-10
8.12E+00	1.44E+00	6.92E+01	9.68E+00	4.25E+01	5.99E+00	3.12E+01	4.57E+00	2.18E+01	2.45E+00	1.18E+01	1.52E+00	6.55E+00	8.56E-01	5.97E-01	9.01E-02	3.74E-09	5.67E-10
4.92E+00	1.41E+00	5.17E+01	6.84E+00	3.24E+01	4.13E+00	2.46E+01	3.12E+00	1.25E+01	2.26E+00	7.07E+00	1.51E+00	4.17E+00	7.96E-01	4.86E-01	6.11E-02	3.04E-09	3.84E-10
3.59E+00	8.34E-01	3.65E+01	5.48E+00	2.28E+01	3.22E+00	1.73E+01	2.33E+00	9.13E+00	1.83E+00	5.00E+00	1.04E+00	3.05E+00	5.44E-01	3.42E-01	4.39E-02	2.13E-09	2.76E-10
4.14E+00	5.55E-01	3.54E+01	3.69E+00	2.20E+01	2.24E+00	1.65E+01	1.64E+00	9.67E+00	1.28E+00	5.17E+00	7.08E-01	3.04E+00	3.81E-01	3.21E-01	3.16E-02	2.01E-09	1.99E-10
3.83E+00	4.04E-01	3.25E+01	3.36E+00	2.03E+01	2.06E+00	1.52E+01	1.50E+00	8.58E+00	1.10E+00	4.56E+00	5.85E-01	2.71E+00	3.20E-01	2.98E-01	2.86E-02	1.87E-09	1.80E-10
3.10E+00	3.10E-01	2.69E+01	3.24E+00	1.68E+01	2.00E+00	1.26E+01	1.47E+00	6.96E+00	9.90E-01	3.69E+00	5.13E-01	2.20E+00	2.87E-01	2.48E-01	2.84E-02	1.55E-09	1.78E-10
2.24E+00	2.80E-01	2.44E+01	2.92E+00	1.56E+01	1.81E+00	1.15E+01	1.34E+00	6.86E+00	8.47E-01	3.06E+00	4.34E-01	1.82E+00	2.48E-01	2.27E-01	2.61E-02	1.42E-09	1.64E-10
2.17E+00	2.84E-01	2.08E+01	2.42E+00	1.33E+01	1.51E+00	9.79E+00	1.12E+00	6.11E+00	6.72E-01	3.00E+00	3.81E-01	1.77E+00	2.16E-01	1.93E-01	2.19E-02	1.21E-09	1.38E-10
3.05E+00	3.05E-01	1.94E+01	2.22E+00	1.20E+01	1.32E+00	9.03E+00	9.97E-01	5.21E+00	6.32E-01	2.89E+00	4.03E-01	1.70E+00	2.28E-01	1.76E-01	1.89E-02	1.10E-09	1.19E-10
3.49E+00	3.21E-01	1.82E+01	2.26E+00	1.13E+01	1.34E+00	8.50E+00	1.01E+00	4.86E+00	6.38E-01	2.97E+00	4.12E-01	1.60E+00	2.32E-01	1.66E-01	1.92E-02	1.04E-09	1.20E-10
2.97E+00	2.95E-01	1.68E+01	2.14E+00	1.04E+01	1.27E+00	7.81E+00	9.59E-01	4.43E+00	6.05E-01	2.89E+00	3.89E-01	1.53E+00	2.19E-01	1.53E-01	1.82E-02	9.53E-10	1.14E-10
2.36E+00	2.87E-01	1.52E+01	2.05E+00	9.44E+00	1.22E+00	7.07E+00	9.19E-01	4.56E+00	5.83E-01	2.66E+00	3.76E-01	1.40E+00	2.12E-01	1.39E-01	1.75E-02	8.63E-10	1.09E-10
1.60E+00	2.19E-01	1.41E+01	1.75E+00	8.90E+00	1.06E+00	6.54E+00	7.92E-01	3.84E+00	4.91E-01	2.19E+00	3.07E-01	1.28E+00	1.75E-01	1.31E-01	1.53E-02	7.95E-10	9.47E-11
1.95E+00	2.10E-01	1.40E+01	1.62E+00	8.97E+00	9.91E-01	6.53E+00	7.37E-01	3.87E+00	4.52E-01	2.18E+00	2.80E-01	1.28E+00	1.60E-01	1.32E-01	1.44E-02	7.95E-10	8.84E-11
2.85E+00	2.59E-01	1.45E+01	1.62E+00	9.33E+00	9.90E-01	6.76E+00	7.35E-01	4.20E+00	4.53E-01	2.60E+00	3.02E-01	1.32E+00	1.67E-01	1.37E-01	1.43E-02	8.25E-10	8.80E-11
3.59E+00	3.03E-01	1.51E+01	1.62E+00	9.70E+00	9.92E-01	7.03E+00	7.36E-01	5.36E+00	5.11E-01	3.19E+00	3.38E-01	1.59E+00	1.83E-01	1.43E-01	1.44E-02	8.59E-10	8.80E-11
3.01E+00	2.90E-01	1.50E+01	1.63E+00	9.65E+00	9.96E-01	7.00E+00	7.39E-01	4.13E+00	4.68E-01	2.53E+00	3.19E-01	1.42E+00	1.72E-01	1.43E-01	1.44E-02	8.56E-10	8.82E-11
2.07E+00	2.41E-01	1.39E+01	1.72E+00	9.00E+00	1.05E+00	6.53E+00	7.82E-01	3.79E+00	4.97E-01	2.31E+00	3.18E-01	1.33E+00	1.81E-01	1.33E-01	1.51E-02	8.00E-10	9.31E-11
3.64E+00	3.13E-01	2.16E+01	2.26E+00	1.36E+01	1.38E+00	1.02E+01	1.03E+00	5.97E+00	6.71E-01	3.21E+00	4.20E-01	1.90E+00	2.38E-01	1.99E-01	1.97E-02	1.25E-09	1.22E-10
3.66E+00	2.51E-01	1.81E+01	1.87E+00	1.14E+01	1.15E+00	8.57E+00	8.51E-01	4.92E+00	5.51E-01	2.88E+00	3.44E-01	1.59E+00	1.96E-01	1.66E-01	1.64E-02	1.04E-09	1.01E-10
3.18E+00	1.80E-01	1.19E+01	1.40E+00	7.48E+00	8.62E-01	5.62E+00	6.39E-01	3.27E+00	4.05E-01	2.31E+00	2.53E-01	1.19E+00	1.45E-01	1.10E-01	1.24E-02	6.84E-10	7.63E-11
4.22E+00	2.24E-01	1.72E+01	1.80E+00	1.07E+01	1.11E+00	8.16E+00	8.18E-01	4.53E+00	5.33E-01	3.00E+00	3.09E-01	1.55E+00	1.76E-01	1.58E-01	1.60E-02	9.94E-10	1.00E-10
2.15E+00	4.03E-01	1.21E+01	2.54E+00	7.50E+00	1.52E+00	5.46E+00	1.15E+00	3.71E+00	7.45E-01	1.74E+00	4.78E-01	9.66E-01	2.72E-01	1.06E-01	2.17E-02	6.67E-10	1.36E-10
2.27E+00	4.21E-01	1.12E+01	2.59E+00	7.24E+00	1.55E+00	5.28E+00	1.18E+00	3.47E+00	7.61E-01	1.68E+00	4.94E-01	9.47E-01	2.81E-01	1.04E-01	2.21E-02	6.55E-10	1.39E-10
2.31E+00	4.27E-01	1.07E+01	2.53E+00	6.93E+00	1.51E+00	5.05E+00	1.15E+00	3.33E+00	7.44E-01	1.69E+00	4.93E-01	9.55E-01	2.80E-01	9.96E-02	2.15E-02	6.26E-10	1.35E-10
2.63E+00	4.85E-01	1.29E+01	2.96E+00	8.37E+00	1.77E+00	6.10E+00	1.34E+00	4.04E+00	8.69E-01	1.99E+00	5.68E-01	1.09E+00	3.23E-01	1.20E-01	2.52E-02	7.57E-10	1.58E-10
2.97E+00	5.44E-01	1.54E+01	3.42E+00	9.96E+00	2.05E+00	7.26E+00	1.55E+00	4.82E+00	1.00E+00	2.31E+00	6.47E-01	1.26E+00	3.68E-01	1.43E-01	2.92E-02	9.01E-10	1.84E-10
3.12E+00	5.76E-01	1.58E+01	3.52E+00	1.02E+01	2.11E+00	7.44E+00	1.60E+00	5.24E+00	1.03E+00	2.43E+00	6.73E-01	1.33E+00	3.82E-01	1.47E-01	2.99E-02	9.23E-10	1.88E-10
2.86E+00	5.01E-01	1.26E+01	2.60E+00	7.75E+00	1.53E+00	6.21E+00	1.17E+00	4.30E+00	7.65E-01	1.94E+00	5.42E-01	1.07E+00	3.06E-01	1.24E-01	2.17E-02	7.76E-10	1.36E-10
2.76E+00	4.33E-01	2.16E+01	2.24E+00	1.33E+01	1.34E+00	1.07E+01	1.01E+00	3.44E+00	6.55E-01	2.47E+00	4.47E-01	1.71E+00	2.52E-01	2.13E-01	1.90E-02	1.33E-09	1.19E-10
2.83E+00	3.96E-01	2.24E+01	2.22E+00	1.37E+01	1.33E+00	1.10E+01	1.01E+00	3.27E+00	6.45E-01	2.71E+00	4.32E-01	1.84E+00	2.46E-01	2.19E-01	1.89E-02	1.37E-09	1.19E-10
2.33E+00	3.31E-01	1.18E+01	2.17E+00	7.02E+00	1.30E+00	5.67E+00	9.89E-01	2.79E+00	6.26E-01	1.87E+00	4.13E-01	1.20E+00	2.36E-01	1.12E-01	1.86E-02	7.02E-10	1.17E-10
1.84E+00	3.23E-01	1.13E+01	2.24E+00	6.93E+00	1.35E+00	5.57E+00	1.02E+00	2.80E+00	6.43E-01	1.61E+00	4.17E-01	9.03E-01	2.39E-01	1.11E-01	1.93E-02	6.94E-10	1.21E-10
1.82E+00	3.47E-01	9.85E+00	2.43E+00	6.05E+00	1.47E+00	4.69E+00	1.11E+00	2.91E+00	6.99E-01	1.69E+00	4.50E-01	9.45E-01	2.58E-01	9.32E-02	2.10E-02	5.83E-10	1.31E-10
1.93E+00	3.74E-01	1.09E+01	2.63E+00	6.66E+00	1.59E+00	5.03E+00	1.20E+00	3.01E+00	7.61E-01	1.77E+00	4.87E-01	9.87E-01	2.79E-01	9.72E-02	2.27E-02	6.11E-10	1.42E-10
2.31E+00	4.28E-01	1.19E+01	2.92E+00	7.27E+00	1.76E+00	5.48E+00	1.33E+00	3.34E+00	8.50E-01	1.90E+00	5.48E-01	1.07E+00	3.13E-01	1.06E-01	2.51E-02	6.65E-10	1.58E-10
3.01E+00	5.10E-01	1.28E+01	3.30E+00	7.87E+00	1.98E+00	5.93E+00	1.50E+00	3.78E+00	9.65E-01	2.08E+00	6.35E-01	1.16E+00	3.62E-01	1.14E-01	2.82E-02	7.19E-10	1.77E-10
3.97E+00	6.15E-01	1.37E+01	3.75E+00	8.43E+00	2.24E+00	6.35E+00	1.70E+00	4.32E+00	1.10E+00	2.39E+00	7.43E-01	1.39E+00	4.23E-01	1.22E-01	3.18E-02	7.70E-10	2.00E-10
4.08E+00	6.52E-01	1.44E+01	3.89E+00	8.89E+00	2.33E+00	6.52E+00	1.77E+00	4.68E+00	1.15E+00	2.51E+00	7.80E-01	1.42E+00	4.45E-01	1.24E-01	3.30E-02	7.79E-10	2.07E-10
3.19E+00	6.28E-01	1.41E+01	3.80E+00	8.62E+00	2.28E+00	6.30E+00	1.73E+00	4.74E+00	1.13E+00	2.58E+00	7.57E-01	1.41E+00	4.31E-01	1.19E-01	3.23E-02	7.47E-10	2.03E-10
2.26E+00	6.10E-01	1.50E+01	3.70E+00	9.44E+00	2.21E+00	7.52E+00	1.68E+00	5.12E+00	1.10E+00	2.56E+00	7.35E-01	1.38E+00	4.18E-01	1.51E-01	3.14E-02	9.47E-10	1.97E-10
2.73E+00	6.18E-01	1.64E+01	3.75E+00	1.04E+01	2.27E+00	7.76E+00	1.70E+00	5.72E+00	1.09E+00	2.60E+00	7.31E-01	1.40E+00	4.16E-01	1.52E-01	3.24E-02	9.53E-10	2.04E-10
2.55E+00	6.65E-01	2.35E+01	4.20E+00	1.49E+01	2.54E+00	1.12E+01	1.91E+00	6.44E+00	1.23E+00	3.13E+00	7.61E-01	1.90E+00	4.31E-01	2.19E-01	3.62E-02	1.37E-09	2.27E-10
3.00E+00	7.10E-01	2.61E+01	5.11E+00	1.65E+01	3.09E+00	1.24E+01	2.28E+00	7.10E+00	1.52E+00	3.53E+00	8.55E-01	2.14E+00	4.72E-01	2.42E-01	4.38E-02	1.52E-09	2.76E-10
3.00E+00	7.48E-01	2.06E+01	5.92E+00	1.29E+01	3.54E+00	9.71E+00	2.61E+00	7.52E+00	1.80E+00	3.38E+00	1.06E+00	1.80E+00	5.76E-01	1.88E-01	4.98E-02	1.19E-09	3.13E-10
3.12E+00	8.05E-01	2.03E+01	4.73E+00	1.24E+01	2.82E+00	8.91E+00	2.05E+00	6.95E+00	1.45E+00	3.43E+00	1.01E+00	1.88E+00	5.50E-01	1.70E-01	3.95E-02	1.07E-09	2.49E-10
2.68E+00	7.39E-01	1.94E+01	4.58E+00	1.16E+01	2.58E+00	8.45E+00	1.80E+00	6.17E+00	1.60E+00	3.36E+00	9.06E-01	1.82E+00	4.32E-01	1.62E-01	3.41E-02	1.02E-09	2.15E-10
4.58E+00	2.74E-01	1.01E+01	9.75E-01	6.16E+00	5.45E-01	4.85E+00	4.22E-01	3.11E+00	4.00E-01	3.10E+00	2.18E-01	1.65E+00	1.21E-01	9.64E-02	8.31E-03	6.07E-10	5.23E-11
6.25E+00	5.43E-01	1.23E+01	2.21E+00	7.34E+00	1.20E+00	5.52E+00	7.29E-01	1.22E+01	1.84E+00	4.19E+00	5.66E-01	2.27E+00	2.59E-01	1.09E-01	1.36E-02	6.84E-10	8.54E-11
6.35E+00	7.38E-01	3.62E+01	2.71E+00	2.31E+01	1.55E+00	1.59E+01	1.09E+00	1.46E+01	1.05E+00	5.69E+00	7.14E-01	2.93E+00	3.51E-01	3.05E-01	1.98E-02	1.91E-09	1.25E-10
6.86E+00	8.08E-01	7.06E+01	4.68E+00	4.42E+01	2.77E+00	3.32E+01	2.07E+00	1.84E+01	1.87E+00	9.34E+00	9.18E-01	5.62E+00	4.95E-01	6.53E-01	3.89E-02	4.10E-09	2.45E-10
9.76E+00	6.35E-01	4.95E+01	4.56E+00	3.08E+01	2.79E+00	2.35E+01	1.98E+00	1.17E+01	1.64E+00	6.58E+00	7.49E-01	4.04E+00	4.11E-01	4.61E-01	3.81E-02	2.89E-09	2.39E-10
8.91E+00	5.22E-01	3.69E+01	4.09E+00	2.31E+01	2.50E+00	1.73E+01	1.88E+00	9.69E+00	1.16E+00	5.13E+00	6.34E-01	2.98E+00	3.67E-01	3.39E-01	3.64E-02	2.13E-09	2.29E-10
6.22E+00	5.47E-01	3.75E+01	3.75E+00	2.32E+01	2.29E+00	1.75E+01	1.73E+00	9.81E+00	9.98E-01	5.39E+00	5.92E-01	3.21E+00	3.41E-01	3.41E-01	3.35E-02	2.14E-09	2.10E-10
3.77E+00	4.12E-01	3.43E+01	2.98E+00	2.12E+01	1.83E+00	1.61E+01	1.38E+00	8.77E+00	8.26E-01	5.47E+00	4.80E-01	3.20E+00	2.77E-01	3.13E-01	2.68E-02	1.97E-09	1.68E-10
3.41E+00	3.36E-01	3.10E+01	2.68E+00	1.88E+01	1.65E+00	1.44E+01	1.25E+00	7.76E+00	7.34E-01	5.14E+00	4.17E-01	3.04E+00	2.45E-01	2.77E-01	2.42E-02	1.73E-09	1.51E-10
2.94E+00	3.08E-01	2.70E+01	2.51E+00	1.64E+01	1.54E+00	1.26E+01	1.16E+00	6.74E+00	6.90E-01	4.49E+00	3.98E-01	2.66E+00	2.31E-01	2.42E-01	2.23E-02	1.51E-09	1.40E-10
2.52E+00	2.86E-01	2.31E+01	2.42E+00	1.44E+01	1.47E+00	1.08E+01	1.11E+00	6.13E+00	6.70E-01	3.87E+00	3.94E-01	2.29E+00	2.27E-01	2.11E-01	2.13E-02	1.32E-09	1.34E-10
2.25E+00	2.84E-01	2.12E+01	2.43E+00	1.32E+01	1.47E+00	9.92E+00	1.11E+00	5.61E+00	6.85E-01	3.41E+00	4.11E-01	2.01E+00	2.35E-01	1.94E-01	2.12E-02	1.21E-09	1.33E-10
2.11E+00	2.79E-01	1.91E+01	2.25E+00	1.19E+01	1.37E+00	8.94E+00	1.03E+00	5.06E+00	6.38E-01	3.12E+00	3.79E-01	1.83E+00	2.16E-01	1.75E-01	1.97E-02	1.09E-09	1.23E-10

Scenario 2 Results

2.69E+00	3.19E-01	1.73E+01	2.32E+00	1.08E+01	1.41E+00	8.12E+00	1.05E+00	4.55E+00	6.70E-01	2.89E+00	3.98E-01	1.68E+00	2.25E-01	1.59E-01	2.02E-02	9.95E-10	1.26E-10
2.48E+00	3.04E-01	1.63E+01	2.16E+00	1.01E+01	1.31E+00	7.59E+00	9.80E-01	4.45E+00	6.25E-01	2.66E+00	3.65E-01	1.54E+00	2.07E-01	1.48E-01	1.88E-02	9.25E-10	1.18E-10
2.67E+00	3.26E-01	1.60E+01	2.18E+00	9.98E+00	1.33E+00	7.46E+00	9.91E-01	4.87E+00	6.38E-01	2.55E+00	3.80E-01	1.44E+00	2.08E-01	1.46E-01	1.91E-02	9.11E-10	1.19E-10
2.10E+00	2.72E-01	1.52E+01	1.81E+00	9.55E+00	1.12E+00	7.13E+00	8.28E-01	4.19E+00	5.27E-01	2.35E+00	3.18E-01	1.35E+00	1.75E-01	1.39E-01	1.61E-02	8.71E-10	9.99E-11
1.47E+00	2.04E-01	1.45E+01	1.41E+00	9.11E+00	8.77E-01	6.78E+00	6.48E-01	3.98E+00	4.02E-01	2.22E+00	2.49E-01	1.28E+00	1.38E-01	1.33E-01	1.27E-02	8.29E-10	7.85E-11
1.82E+00	2.25E-01	1.42E+01	1.41E+00	8.96E+00	8.82E-01	6.66E+00	6.50E-01	3.90E+00	4.06E-01	2.21E+00	2.61E-01	1.27E+00	1.45E-01	1.31E-01	1.28E-02	8.14E-10	7.87E-11
2.67E+00	2.25E-01	1.39E+01	1.40E+00	8.76E+00	8.75E-01	6.50E+00	6.44E-01	3.81E+00	4.04E-01	2.14E+00	2.58E-01	1.24E+00	1.42E-01	1.28E-01	1.26E-02	7.94E-10	7.79E-11
3.31E+00	2.43E-01	1.33E+01	1.38E+00	8.40E+00	8.60E-01	6.23E+00	6.33E-01	4.05E+00	4.00E-01	2.24E+00	2.38E-01	1.17E+00	1.35E-01	1.23E-01	1.24E-02	7.61E-10	7.66E-11
3.95E+00	2.80E-01	1.27E+01	1.50E+00	7.98E+00	9.34E-01	5.92E+00	6.87E-01	4.79E+00	4.97E-01	2.76E+00	2.78E-01	1.52E+00	1.41E-01	1.17E-01	1.34E-02	7.22E-10	8.31E-11
4.71E+00	3.63E-01	2.50E+01	2.14E+00	1.51E+01	1.33E+00	1.13E+01	9.81E-01	7.88E+00	8.59E-01	4.66E+00	4.24E-01	2.60E+00	2.19E-01	2.12E-01	1.91E-02	1.33E-09	1.19E-10
3.99E+00	3.53E-01	2.73E+01	2.18E+00	1.66E+01	1.34E+00	1.23E+01	9.78E-01	8.74E+00	8.69E-01	4.96E+00	4.27E-01	2.76E+00	2.23E-01	2.32E-01	1.90E-02	1.46E-09	1.19E-10
3.06E+00	2.62E-01	1.53E+01	1.35E+00	9.00E+00	8.37E-01	6.63E+00	6.16E-01	5.30E+00	4.96E-01	3.32E+00	2.78E-01	1.79E+00	1.44E-01	1.22E-01	1.20E-02	7.64E-10	7.47E-11
3.61E+00	3.07E-01	1.97E+01	1.65E+00	1.18E+01	1.02E+00	8.60E+00	7.55E-01	7.03E+00	6.13E-01	4.09E+00	3.45E-01	2.20E+00	1.82E-01	1.59E-01	1.47E-02	9.99E-10	9.17E-11
2.15E+00	5.35E-01	1.32E+01	1.98E+00	7.93E+00	1.15E+00	5.79E+00	8.71E-01	4.26E+00	6.10E-01	2.41E+00	4.55E-01	1.29E+00	2.52E-01	1.10E-01	1.66E-02	6.90E-10	1.04E-10
2.11E+00	5.24E-01	1.16E+01	1.75E+00	6.87E+00	1.10E+00	5.06E+00	8.19E-01	3.71E+00	5.40E-01	2.27E+00	4.26E-01	1.22E+00	2.35E-01	9.55E-02	1.59E-02	6.00E-10	1.00E-10
2.33E+00	5.40E-01	1.09E+01	1.77E+00	6.41E+00	1.12E+00	4.81E+00	8.29E-01	3.46E+00	5.25E-01	2.29E+00	4.28E-01	1.24E+00	2.36E-01	9.49E-02	1.61E-02	5.96E-10	1.01E-10
2.69E+00	6.48E-01	1.32E+01	2.13E+00	8.11E+00	1.31E+00	6.24E+00	9.74E-01	4.09E+00	6.61E-01	2.79E+00	5.20E-01	1.53E+00	2.87E-01	1.23E-01	1.89E-02	7.74E-10	1.19E-10
3.01E+00	7.12E-01	1.50E+01	2.39E+00	9.58E+00	1.44E+00	7.20E+00	1.07E+00	4.57E+00	7.42E-01	3.05E+00	5.80E-01	1.68E+00	3.19E-01	1.42E-01	2.08E-02	8.94E-10	1.31E-10
3.14E+00	7.04E-01	1.32E+01	2.19E+00	8.39E+00	1.37E+00	6.31E+00	1.02E+00	3.94E+00	6.46E-01	2.81E+00	5.44E-01	1.55E+00	2.99E-01	1.24E-01	1.97E-02	7.82E-10	1.24E-10
2.88E+00	6.32E-01	2.23E+01	2.05E+00	1.39E+01	1.25E+00	1.11E+01	9.40E-01	3.32E+00	5.86E-01	2.49E+00	4.72E-01	1.71E+00	2.60E-01	2.23E-01	1.82E-02	1.39E-09	1.14E-10
2.92E+00	5.74E-01	2.60E+01	2.02E+00	1.61E+01	1.23E+00	1.29E+01	9.27E-01	3.84E+00	5.76E-01	2.93E+00	4.27E-01	2.03E+00	2.35E-01	2.57E-01	1.78E-02	1.61E-09	1.12E-10
2.61E+00	4.45E-01	1.46E+01	1.91E+00	8.74E+00	1.17E+00	7.11E+00	8.78E-01	2.56E+00	5.47E-01	1.99E+00	3.54E-01	1.32E+00	2.00E-01	1.40E-01	1.68E-02	8.77E-10	1.05E-10
2.25E+00	3.91E-01	8.89E+00	1.95E+00	5.47E+00	1.19E+00	4.38E+00	8.97E-01	2.62E+00	5.60E-01	1.68E+00	3.63E-01	9.42E-01	2.06E-01	8.73E-02	1.72E-02	5.44E-10	1.08E-10
1.89E+00	3.57E-01	9.15E+00	2.05E+00	5.62E+00	1.25E+00	4.16E+00	9.39E-01	2.72E+00	5.89E-01	1.51E+00	3.81E-01	8.57E-01	2.17E-01	8.02E-02	1.80E-02	5.03E-10	1.13E-10
1.86E+00	3.35E-01	9.70E+00	2.24E+00	5.96E+00	1.35E+00	4.42E+00	1.02E+00	2.91E+00	6.38E-01	1.62E+00	4.06E-01	9.18E-01	2.31E-01	8.48E-02	1.94E-02	5.32E-10	1.21E-10
1.88E+00	3.42E-01	1.04E+01	2.48E+00	6.39E+00	1.50E+00	4.74E+00	1.12E+00	3.16E+00	7.07E-01	1.76E+00	4.40E-01	9.91E-01	2.50E-01	9.07E-02	2.14E-02	5.69E-10	1.34E-10
2.45E+00	4.70E-01	1.22E+01	2.92E+00	7.48E+00	1.75E+00	5.53E+00	1.32E+00	3.71E+00	8.41E-01	2.05E+00	5.30E-01	1.15E+00	3.00E-01	1.06E-01	2.51E-02	6.65E-10	1.57E-10
3.24E+00	5.57E-01	1.38E+01	3.34E+00	8.43E+00	2.01E+00	6.23E+00	1.51E+00	4.21E+00	9.72E-01	2.48E+00	6.08E-01	1.41E+00	3.42E-01	1.19E-01	2.86E-02	7.49E-10	1.80E-10
4.63E+00	6.12E-01	1.52E+01	3.76E+00	9.32E+00	2.26E+00	6.87E+00	1.69E+00	4.71E+00	1.10E+00	3.48E+00	6.73E-01	1.97E+00	3.77E-01	1.31E-01	3.22E-02	8.26E-10	2.02E-10
5.10E+00	5.60E-01	1.60E+01	4.05E+00	9.73E+00	2.45E+00	7.15E+00	1.83E+00	5.00E+00	1.19E+00	3.71E+00	7.16E-01	2.10E+00	4.07E-01	1.37E-01	3.49E-02	8.58E-10	2.19E-10
5.22E+00	5.63E-01	1.64E+01	4.41E+00	9.97E+00	2.68E+00	7.29E+00	2.00E+00	5.23E+00	1.31E+00	3.66E+00	7.78E-01	2.09E+00	4.41E-01	1.39E-01	3.81E-02	8.75E-10	2.39E-10
4.05E+00	5.55E-01	1.67E+01	4.74E+00	1.01E+01	2.89E+00	7.51E+00	2.15E+00	5.35E+00	1.41E+00	3.30E+00	8.10E-01	1.84E+00	4.57E-01	1.40E-01	4.11E-02	8.83E-10	2.58E-10
3.97E+00	5.87E-01	1.75E+01	5.35E+00	1.05E+01	3.26E+00	7.71E+00	2.42E+00	5.82E+00	1.61E+00	3.60E+00	8.93E-01	1.95E+00	5.01E-01	1.44E-01	4.64E-02	9.03E-10	2.91E-10
4.02E+00	6.44E-01	1.78E+01	6.13E+00	1.15E+01	3.75E+00	8.40E+00	2.77E+00	6.07E+00	1.86E+00	3.67E+00	1.01E+00	1.92E+00	5.62E-01	1.65E-01	5.31E-02	1.04E-09	3.34E-10
2.71E+00	7.12E-01	2.15E+01	6.90E+00	1.37E+01	4.21E+00	1.02E+01	3.10E+00	7.02E+00	2.12E+00	3.57E+00	1.12E+00	1.93E+00	6.21E-01	2.00E-01	5.95E-02	1.25E-09	3.74E-10
4.18E+00	8.22E-01	2.19E+01	7.04E+00	1.34E+01	4.28E+00	9.52E+00	3.13E+00	7.85E+00	2.19E+00	3.86E+00	1.14E+00	2.02E+00	6.22E-01	1.81E-01	6.01E-02	1.14E-09	3.78E-10
4.46E+00	8.67E-01	2.12E+01	6.36E+00	1.30E+01	3.80E+00	9.69E+00	2.74E+00	7.03E+00	2.17E+00	3.54E+00	1.18E+00	1.85E+00	6.17E-01	1.89E-01	5.18E-02	1.19E-09	3.26E-10
3.15E+00	7.67E-01	1.76E+01	3.52E+00	1.05E+01	1.93E+00	7.79E+00	1.45E+00	5.48E+00	1.06E+00	3.34E+00	8.50E-01	1.76E+00	4.46E-01	1.49E-01	2.65E-02	9.38E-10	1.67E-10
4.98E+00	3.70E-01	9.22E+00	9.00E-01	4.80E+00	5.19E-01	3.49E+00	4.16E-01	3.70E+00	3.38E-01	3.58E+00	3.30E-01	1.85E+00	1.70E-01	6.32E-02	8.19E-03	3.97E-10	5.15E-11
1.16E+01	5.72E-01	8.12E+00	9.86E-01	4.72E+00	5.64E-01	3.55E+00	4.18E-01	4.06E+00	6.08E-01	7.59E+00	3.89E-01	4.60E+00	2.27E-01	6.71E-02	7.87E-03	4.22E-10	4.92E-11
8.42E+00	6.61E-01	1.54E+01	2.05E+00	9.85E+00	1.27E+00	6.39E+00	7.19E-01	9.74E+00	1.41E+00	4.49E+00	5.85E-01	2.82E+00	3.09E-01	1.23E-01	1.25E-02	7.72E-10	7.87E-11
4.81E+00	6.29E-01	2.84E+01	3.20E+00	1.77E+01	1.94E+00	1.29E+01	1.38E+00	8.77E+00	1.27E+00	4.10E+00	7.15E-01	2.29E+00	3.75E-01	2.51E-01	2.53E-02	1.58E-09	1.59E-10
3.48E+00	5.75E-01	3.50E+01	3.25E+00	2.16E+01	1.97E+00	1.60E+01	1.45E+00	1.03E+01	1.09E+00	5.30E+00	6.68E-01	3.02E+00	3.50E-01	3.10E-01	2.75E-02	1.95E-09	1.73E-10
3.29E+00	4.76E-01	3.57E+01	2.93E+00	2.20E+01	1.79E+00	1.64E+01	1.33E+00	1.02E+01	9.82E-01	5.51E+00	5.82E-01	3.17E+00	3.12E-01	3.17E-01	2.54E-02	1.99E-09	1.60E-10
3.67E+00	4.38E-01	3.50E+01	2.79E+00	2.15E+01	1.69E+00	1.62E+01	1.24E+00	9.61E+00	9.21E-01	5.42E+00	5.29E-01	3.16E+00	2.89E-01	3.13E-01	2.35E-02	1.96E-09	1.48E-10
2.94E+00	3.07E-01	3.21E+01	2.14E+00	1.97E+01	1.30E+00	1.49E+01	9.57E-01	8.55E+00	6.96E-01	4.96E+00	3.97E-01	2.91E+00	2.19E-01	2.88E-01	1.83E-02	1.81E-09	1.15E-10
2.64E+00	2.75E-01	2.85E+01	1.85E+00	1.75E+01	1.15E+00	1.32E+01	8.65E-01	7.49E+00	5.74E-01	4.42E+00	3.24E-01	2.60E+00	1.79E-01	2.56E-01	1.69E-02	1.60E-09	1.06E-10
2.38E+00	3.03E-01	2.51E+01	1.79E+00	1.54E+01	1.12E+00	1.17E+01	8.38E-01	6.55E+00	5.04E-01	3.94E+00	2.96E-01	2.32E+00	1.67E-01	2.26E-01	1.64E-02	1.41E-09	1.03E-10
2.15E+00	3.14E-01	2.22E+01	1.70E+00	1.36E+01	1.06E+00	1.03E+01	7.95E-01	5.73E+00	4.68E-01	3.51E+00	2.81E-01	2.07E+00	1.58E-01	2.00E-01	1.55E-02	1.25E-09	9.74E-11
2.51E+00	3.50E-01	1.96E+01	1.68E+00	1.20E+01	1.03E+00	9.12E+00	7.72E-01	5.02E+00	4.62E-01	3.14E+00	3.06E-01	1.85E+00	1.62E-01	1.77E-01	1.50E-02	1.10E-09	9.43E-11
2.78E+00	3.58E-01	1.75E+01	1.64E+00	1.07E+01	1.01E+00	8.11E+00	7.54E-01	4.42E+00	4.49E-01	2.82E+00	3.20E-01	1.66E+00	1.70E-01	1.58E-01	1.46E-02	9.81E-10	9.20E-11
3.61E+00	4.22E-01	1.56E+01	1.64E+00	9.83E+00	1.01E+00	7.27E+00	7.58E-01	4.66E+00	5.20E-01	2.87E+00	3.89E-01	1.56E+00	2.07E-01	1.42E-01	1.47E-02	8.80E-10	9.25E-11
3.37E+00	3.69E-01	1.63E+01	1.52E+00	1.03E+01	9.38E-01	7.55E+00	7.02E-01	4.88E+00	4.62E-01	2.64E+00	3.42E-01	1.43E+00	1.82E-01	1.48E-01	1.37E-02	9.22E-10	8.57E-11
3.58E+00	3.61E-01	1.65E+01	1.44E+00	1.04E+01	8.91E-01	7.64E+00	6.68E-01	4.96E+00	4.58E-01	2.73E+00	3.37E-01	1.47E+00	1.79E-01	1.50E-01	1.30E-02	9.32E-10	8.14E-11
3.52E+00	3.25E-01	1.62E+01	1.34E+00	1.03E+01	8.25E-01	7.48E+00	6.18E-01	4.89E+00	3.95E-01	2.47E+00	3.00E-01	1.37E+00	1.59E-01	1.47E-01	1.20E-02	9.12E-10	7.54E-11
2.73E+00	2.36E-01	1.56E+01	1.15E+00	9.91E+00	7.12E-01	7.21E+00	5.34E-01	4.75E+00	3.16E-01	2.32E+00	2.06E-01	1.33E+00	1.09E-01	1.42E-01	1.04E-02	8.78E-10	6.50E-11
3.38E+00	2.79E-01	1.49E+01	1.12E+00	9.51E+00	6.95E-01	6.89E+00	5.20E-01	4.58E+00	3.07E-01	2.25E+00	2.38E-01	1.28E+00	1.26E-01	1.36E-01	1.01E-02	8.39E-10	6.34E-11
3.77E+00	3.08E-01	1.42E+01	1.07E+00	9.05E+00	6.63E-01	6.54E+00	4.97E-01	4.36E+00	2.92E-01	2.49E+00	2.56E-01	1.29E+00	1.34E-01	1.29E-01	9.67E-03	7.95E-10	6.06E-11
4.13E+00	3.42E-01	1.33E+01	1.11E+00	8.48E+00	6.40E-01	6.11E+00	4.80E-01	4.09E+00	2.97E-01	2.72E+00	2.79E-01	1.41E+00	1.46E-01	1.21E-01	9.33E-03	7.43E-10	5.85E-11
4.25E+00	3.59E-01	1.22E+01	1.28E+00	7.78E+00	7.16E-01	5.60E+00	5.43E-01	3.75E+00	3.49E-01	2.82E+00	2.99E-01	1.46E+00	1.57E-01	1.11E-01	1.02E-02	6.80E-10	6.31E-11
3.92E+00	3.42E-01	1.09E+01	1.53E+00	6.98E+00	8.80E-01	5.01E+00	6.60E-01	3.59E+00	4.29E-01	2.69E+00	2.96E-01	1.38E+00	1.60E-01	9.99E-02	1.25E-02	6.09E-10	7.79E-11
3.65E+00	3.36E-01	1.14E+01	2.14E+00	7.00E+00	1.27E+00	5.43E+00	9.47E-01	4.16E+00	6.12E-01	2.75E+00	3.70E-01	1.42E+00	2.06E-01	1.05E-01	1.82E-02	6.62E-10	1.13E-10
2.80E+00	2.50E-01	8.10E+00	1.53E+00	5.19E+00	9.06E-01	3.72E+00	6.73E-01	2.53E+00	4.39E-01	1.89E+00	2.67E-01	9.91E-01	1.47E-01	7.43E-02	1.29E-02	4.51E-10	8.04E-11
2.35E+00	2.18E-01	7.44E+00	1.50E+00	4.57E+00	8.95E-01	3.58E+00	6.62E-01	2.49E+00	4.35E-01	1.60E+00	2.59E-01	8.42E-01	1.43E-01	6.97E-02	1.27E-02	4.38E-10	7.93E-11
3.28E+00	4.58E-01	1.57E+01	1.96E+00	1.01E+01	1.20E+00	7.40E+00	9.00E-01	4.77E+00	5.86E-01	2.71E+00	3.58E-01	1.45E+00	1.94E-01	1.46E-01	1.75E-02	9.14E-10	1.10E-10
3.35E+00	4.32E-01	1.32E+01	1.86E+00	8.47E+00	1.15E+00	6.23E+00	8.66E-01	4.05E+00	5.52E-01	2.70E+00	3.32E-01	1.46E+00	1.89E-01	1.22E-01	1.68E-02	7.67E-10	1.05E-10
3.37E+00	4.16E-01	1.18E+01	1.85E+00	7.56E+00	1.14E+00	5.55E+00	8.57E-01	3.63E+00	5.34E-01	2.69E+00	3.33E-01	1.47E+00	1.89E-01	1.08E-01	1.66E-02	6.80E-10	1.04E-10
3.67E+00	4.61E-01	1.40E+01	2.05E+00	8.93E+00	1.27E+00	6.55E+00	9.52E-01	4.34E+00	5.83E-01	3.02E+00	3.71E-01	1.66E+00	2.10E-01	1.27E-01	1.84E-02	8.00E-10	1.15E-10
3.59E+00	4.65E-01	1.36E+01	2.12E+00	8.62E+00	1.30E+00	6.34E+00	9.79E-01	4.31E+00	5.95E-01	2.99E+00	3.86E-01	1.67E+00	2.19E-01	1.22E-01	1.89E-02	7.68E-10	1.18E-10
3.22E+00	4.30E-01	2.22E+01	2.05E+00	1.39E+01	1.25E+00	1.11E+01	9.42E-01	3.61E+00	5.77E-01	2.62E+00	3.81E-01	1.67E+00	2.15E-01	2.23E-01	1.81E-02	1.39E-09	1.13E-10
2.75E+00	3.87E-01	2.72E+01	1.96E+00	1.69E+01	1.19E+00	1.35E+01	8.98E-01	4.04E+00	5.55E-01	2.92E+00	3.73E-01	2.06E+00	2.11E-01	2.71E-01	1.72E-02	1.70E-09	1.08E-10
2.11E+00	3.37E-01	1.69E+01	1.85E+00	1.03E+01	1.12E+00	8.32E+00	8.42E-01	2.47E+00	5.25E-01	2.06E+00	3.62E-01	1.40E+00	2.04E-01	1.66E-01	1.60E-02	1.04E-09	1.01E-10
1.77E+00	3.00E-01	7.95E+00	1.66E+00	4.91E+00	9.95E-01	3.65E+00	7.53E-01	2.32E+00	4.72E-01	1.42E+00	3.38E-01	7.70E-01	1.91E-01	7.05E-02	1.42E-02	4.41E-10	8.95E-11
2.03E+00	2.99E-01	8.88E+00	1.65E+00	5.53E+00	9.94E-01	4.15E+00	7.49E-01	2.47E+00	4.73E-01	1.59E+00	3.37E-01	8.65E-01	1.90E-01	8.04E-02	1.42E-02	5.03E-10	8.92E-11
2.09E+00	2.99E-01	1.05E+01	1.70E+00	6.50E+00	1.03E+00	4.88E+00	7.74E-01	2.95E+00	4.84E-01	1.64E+00	3.39E-01	9.60E-01	1.92E-01	9.42E-02	1.47E-02	5.90E-10	9.22E-11
1.88E+00	2.88E-01	1.19E+01	1.74E+00	7.36E+00	1.05E+00	5.50E+00	7.95E-01	3.41E+00	4.93E-01	1.90E+00	3.31E-01	1.10E+00	1.87E-01	1.06E-01	1.52E-02	6.65E-10	9.51E-11
1.85E+00	2.86E-01	1.33E+01	1.83E+00	8.21E+00	1.11E+00	6.12E+00	8.39E-01	3.90E+00	5.18E-01	2.17E+00	3.35E-01	1.24E+00	1.90E-01	1.18E-01	1.61E-02	7.37E-10	1.01E-10
2.80E+00	3.38E-01	1.57E+01	2.14E+00	9.70E+00	1.30E+00	7.21E+00	9.77E-01	4.69E+00	6.04E-01	2.57E+00	4.05E-01	1.46E+00	2.29E-01	1.38E-01	1.86E-02	8.69E-10	1.17E-10
2.61E+00	3.35E-01	1.65E+01	2.27E+00	1.02E+01	1.39E+00	7.51E+00	1.04E+00	5.00E+00	6.41E-01	2.73E+00	4.09E-01	1.54E+00	2.32E-01	1.44E-01	2.01E-02	9.05E-10	1.26E-10
3.11E+00	3.75E-01	1.69E+01	2.56E+00	1.03E+01	1.56E+00	7.61E+00	1.17E+00	5.17E+00	7.21E-01	2.79E+00	4.27E-01	1.55E+00	2.45E-01	1.46E-01	2.25E-02	9.18E-10	1.42E-10
2.24E+00	3.55E-01	1.47E+01	2.50E+00	8.92E+00	1.53E+00	6.54E+00	1.15E+00	4.54E+00	7.00E-01	2.45E+00	4.20E-01	1.34E+00	2.43E-01	1.26E-01	2.21E-02	7.89E-10	1.38E-10
2.27E+00	3.58E-01	1.54E+01	2.60E+00	9.41E+00	1.59E+00	6.94E+00	1.20E+00	4.73E+00	7.97E-01	2.59E+00	4.69E-01	1.44E+00	2.63E-01	1.33E-01	2.30E-02	8.35E-10	1.44E-10
2.82E+00	4.73E-01	1.80E+01	3.33E+00	1.09E+01	2.02E+00	8.09E+00	1.49E+00	5.60E+00	1.06E+00	3.17E+00	6.14E-01	1.76E+00	3.40E-01	1.54E-01	2.82E-02	9.68E-10	1.77E-10
3.17E+00	5.43E-01	2.01E+01	4.18E+00	1.24E+01	2.53E+00	9.20E+00	1.86E+00	6.46E+00	1.33E+00	3.58E+00	7.49E-01	1.95E+00	4.11E-01	1.77E-01	3.54E-02	1.11E-09	2.22E-10
3.28E+00	6.23E-01	2.49E+01	4.49E+00	1.53E+01	2.72E+00	1.13E+01	2.00E+00	7.50E+00	1.38E+00	4.02E+00	7.54E-01	2.27E+00	4.14E-01	2.18E-01	3.83E-02	1.37E-09	2.41E-10
3.64E+00	8.08E-01	2.38E+01	4.24E+00	1.45E+01	2.55E+00	1.08E+01	1.90E+00	7.69E+00	1.30E+00	3.90E+00	7.84E-01	2.06E+00	4.35E-01	2.08E-01	3.60E-02	1.31E-09	2.27E-10
3.30E+00	1.08E+00	2.15E+01	5.25E+00	1.31E+01	3.14E+00	9.58E+00	2.35E+00	7.21E+00	1.49E+00	3.79E+00	1.14E+00	1.99E+00	6.06E-01	1.86E-01	4.50E-02	1.17E-09	2.83E-10
4.03E+00	7.90E-01	2.28E+01	5.94E+00	1.40E+01	3.48E+00	1.01E+01	2.66E+00	7.52E+00	1.59E+00	3.53E+00	1.08E+00	1.89E+00	6.07E-01	1.95E-01	5.06E-02	1.23E-09	3.19E-10
4.24E+00	1.15E+00	2.17E+01	3.60E+00	1.32E+01	2.09E+00	9.88E+00	1.62E+00	7.84E+00	1.43E+00	3.89E+00	1.02E+00	1.93E+00	5.01E-01	1.91E-01	3.12E-02	1.20E-09	1.97E-10
4.11E+00	8.07E-01	2.07E+01	3.42E+00	1.23E+01	1.83E+00	9.43E+00	1.48E+00	6.43E+00	7.36E-01	3.78E+00	7.96E-01	1.97E+00	4.47E-01	1.81E-01	2.73E-02	1.14E-09	1.72E-10
4.34E+00	5.81E-01	1.65E+01	1.72E+00	9.71E+00	9.01E-01	7.47E+00	6.42E-01	6.03E+00	6.60E-01	3.19E+00	5.39E-01	1.77E+00	2.92E-01	1.41E-01	1.20E-02	8.87E-10	7.52E-11
7.87E+00	5.77E-01	1.88E+01	3.54E+00	1.14E+01	2.11E+00	8.24E+00	1.51E+00	6.35E+00	1.26E+00	5.51E+00	6.77E-01	3.18E+00	3.50E-01	1.57E-01	2.84E-02	9.88E-10	1.78E-10
1.66E+01	8.11E-01	2.82E+01	4.80E+00	1.76E+01	2.87E+00	1.30E+01	2.17E+00	8.37E+00	1.29E+00	9.36E+00	8.15E-01	5.84E+00	4.63E-01	2.52E-01	4.16E-02	1.59E-09	2.61E-10
4.81E+00	5.07E-01	3.37E+01	3.92E+00	2.14E+01	2.32E+00	1.58E+01	1.76E+00	9.67E+00	1.05E+00	4.60E+00	6.77E-01	2.71E+00	3.84E-01	3.10E-01	3.36E-02	1.95E-09	2.12E-10
5.14E+00	5.23E-01	3.02E+01	3.62E+00	1.89E+01	2.07E+00	1.41E+01	1.59E+00	8.34E+00	9.16E-01	4.45E+00	6.74E-01	2.58E+00	3.75E-01	2.75E-01	3.01E-02	1.73E-09	1.89E-10

Scenario 2 Results

4.10E+00	6.59E-01	3.26E+01	3.19E+00	2.03E+01	1.82E+00	1.53E+01	1.41E+00	8.56E+00	8.09E-01	4.64E+00	7.19E-01	2.76E+00	4.02E-01	2.98E-01	2.64E-02	1.87E-09	1.66E-10
2.89E+00	5.13E-01	3.11E+01	2.23E+00	1.92E+01	1.38E+00	1.45E+01	1.04E+00	8.11E+00	6.60E-01	4.51E+00	4.75E-01	2.68E+00	2.66E-01	2.83E-01	2.02E-02	1.78E-09	1.27E-10
2.25E+00	3.52E-01	2.81E+01	2.03E+00	1.74E+01	1.25E+00	1.32E+01	9.47E-01	7.32E+00	5.64E-01	4.15E+00	3.30E-01	2.46E+00	1.83E-01	2.56E-01	1.84E-02	1.60E-09	1.15E-10
2.06E+00	3.00E-01	2.48E+01	1.81E+00	1.53E+01	1.11E+00	1.16E+01	8.42E-01	6.45E+00	4.82E-01	3.71E+00	2.82E-01	2.20E+00	1.64E-01	2.25E-01	1.63E-02	1.41E-09	1.02E-10
1.87E+00	2.82E-01	2.18E+01	1.61E+00	1.35E+01	9.89E-01	1.02E+01	7.48E-01	5.89E+00	4.78E-01	3.30E+00	2.52E-01	1.95E+00	1.48E-01	1.98E-01	1.45E-02	1.24E-09	9.08E-11
1.71E+00	2.50E-01	2.06E+01	1.50E+00	1.29E+01	9.26E-01	9.61E+00	6.83E-01	5.76E+00	4.56E-01	3.03E+00	2.42E-01	1.78E+00	1.36E-01	1.88E-01	1.31E-02	1.17E-09	8.26E-11
2.09E+00	2.37E-01	2.02E+01	1.46E+00	1.27E+01	8.97E-01	9.42E+00	6.64E-01	5.67E+00	4.42E-01	2.99E+00	2.39E-01	1.76E+00	1.34E-01	1.84E-01	1.27E-02	1.15E-09	8.01E-11
2.02E+00	2.27E-01	1.97E+01	1.40E+00	1.24E+01	8.60E-01	9.17E+00	6.35E-01	5.55E+00	4.10E-01	2.96E+00	2.26E-01	1.73E+00	1.28E-01	1.80E-01	1.24E-02	1.12E-09	7.75E-11
1.81E+00	2.33E-01	1.91E+01	1.50E+00	1.20E+01	9.28E-01	8.87E+00	6.86E-01	5.40E+00	4.29E-01	2.92E+00	2.22E-01	1.71E+00	1.26E-01	1.74E-01	1.34E-02	1.08E-09	8.37E-11
1.66E+00	2.18E-01	1.84E+01	1.48E+00	1.15E+01	9.14E-01	8.52E+00	6.76E-01	5.22E+00	4.20E-01	2.85E+00	2.18E-01	1.66E+00	1.24E-01	1.67E-01	1.32E-02	1.03E-09	8.25E-11
1.60E+00	1.72E-01	1.75E+01	1.21E+00	1.10E+01	7.45E-01	8.12E+00	5.50E-01	5.01E+00	3.44E-01	2.74E+00	1.79E-01	1.59E+00	1.02E-01	1.59E-01	1.08E-02	9.85E-10	6.72E-11
1.52E+00	1.33E-01	1.66E+01	9.63E-01	1.04E+01	5.95E-01	7.69E+00	4.38E-01	4.78E+00	2.76E-01	2.61E+00	1.45E-01	1.52E+00	8.48E-02	1.51E-01	8.58E-03	9.32E-10	5.34E-11
1.63E+00	1.36E-01	1.60E+01	1.07E+00	9.88E+00	6.58E-01	7.49E+00	4.86E-01	4.53E+00	3.02E-01	2.65E+00	1.58E-01	1.56E+00	9.00E-02	1.46E-01	9.51E-03	9.05E-10	5.93E-11
1.75E+00	1.31E-01	1.58E+01	1.10E+00	9.72E+00	6.74E-01	7.40E+00	4.99E-01	4.25E+00	3.08E-01	2.69E+00	1.64E-01	1.58E+00	9.28E-02	1.43E-01	9.75E-03	8.90E-10	6.08E-11
1.82E+00	1.29E-01	1.53E+01	1.17E+00	9.34E+00	7.15E-01	7.15E+00	5.30E-01	3.93E+00	3.27E-01	2.66E+00	1.75E-01	1.57E+00	9.91E-02	1.38E-01	1.03E-02	8.57E-10	6.46E-11
2.07E+00	1.60E-01	1.45E+01	1.73E+00	8.76E+00	1.06E+00	6.76E+00	7.90E-01	3.56E+00	4.75E-01	2.57E+00	2.50E-01	1.53E+00	1.43E-01	1.30E-01	1.54E-02	8.07E-10	9.66E-11
2.47E+00	2.35E-01	1.71E+01	3.45E+00	1.08E+01	2.14E+00	7.88E+00	1.61E+00	5.29E+00	9.18E-01	2.47E+00	4.70E-01	1.46E+00	2.78E-01	1.54E-01	3.15E-02	9.70E-10	1.97E-10
2.63E+00	2.34E-01	1.97E+01	3.98E+00	1.25E+01	2.49E+00	9.23E+00	1.87E+00	5.99E+00	1.05E+00	2.76E+00	5.35E-01	1.61E+00	3.19E-01	1.81E-01	3.66E-02	1.14E-09	2.30E-10
1.83E+00	1.37E-01	1.18E+01	1.97E+00	6.95E+00	1.23E+00	5.53E+00	9.13E-01	2.98E+00	5.38E-01	2.10E+00	2.72E-01	1.29E+00	1.59E-01	1.06E-01	1.79E-02	6.56E-10	1.12E-10
1.74E+00	1.19E-01	1.11E+01	1.75E+00	6.53E+00	1.09E+00	5.25E+00	8.07E-01	2.70E+00	4.85E-01	1.96E+00	2.44E-01	1.22E+00	1.42E-01	1.01E-01	1.58E-02	6.24E-10	9.89E-11
3.22E+00	3.49E-01	1.76E+01	1.95E+00	1.11E+01	1.23E+00	8.50E+00	9.28E-01	4.64E+00	5.40E-01	2.17E+00	3.05E-01	1.26E+00	1.75E-01	1.69E-01	1.83E-02	1.06E-09	1.15E-10
3.07E+00	3.20E-01	1.41E+01	1.63E+00	8.95E+00	1.00E+00	6.81E+00	7.70E-01	4.00E+00	4.57E-01	2.09E+00	2.97E-01	1.18E+00	1.67E-01	1.35E-01	1.49E-02	8.49E-10	9.37E-11
2.66E+00	2.69E-01	9.98E+00	1.50E+00	6.34E+00	9.36E-01	4.81E+00	6.99E-01	3.10E+00	4.23E-01	1.86E+00	2.82E-01	1.05E+00	1.59E-01	9.52E-02	1.36E-02	5.98E-10	8.50E-11
2.38E+00	2.61E-01	9.68E+00	1.72E+00	6.00E+00	1.08E+00	4.53E+00	8.04E-01	3.17E+00	4.99E-01	1.72E+00	2.87E-01	9.67E-01	1.62E-01	8.96E-02	1.57E-02	5.63E-10	9.83E-11
1.94E+00	2.60E-01	1.53E+01	1.79E+00	9.59E+00	1.14E+00	7.64E+00	8.37E-01	2.86E+00	5.33E-01	1.68E+00	2.84E-01	1.15E+00	1.61E-01	1.54E-01	1.64E-02	9.60E-10	1.03E-10
2.35E+00	3.21E-01	2.65E+01	2.29E+00	1.66E+01	1.46E+00	1.32E+01	1.07E+00	3.97E+00	6.93E-01	2.78E+00	3.34E-01	1.98E+00	1.87E-01	2.67E-01	2.10E-02	1.67E-09	1.32E-10
2.46E+00	3.28E-01	1.94E+01	2.24E+00	1.21E+01	1.43E+00	9.69E+00	1.04E+00	3.54E+00	6.93E-01	2.15E+00	3.34E-01	1.51E+00	1.85E-01	1.94E-01	2.05E-02	1.21E-09	1.29E-10
2.18E+00	2.86E-01	1.01E+01	1.75E+00	6.30E+00	1.12E+00	4.70E+00	8.14E-01	2.87E+00	5.53E-01	1.76E+00	2.83E-01	9.67E-01	1.57E-01	9.12E-02	1.60E-02	5.71E-10	1.00E-10
1.74E+00	2.31E-01	1.08E+01	1.50E+00	6.73E+00	9.21E-01	5.01E+00	6.93E-01	3.11E+00	4.06E-01	1.69E+00	2.52E-01	9.79E-01	1.44E-01	9.70E-02	1.34E-02	6.07E-10	8.43E-11
1.89E+00	2.44E-01	1.15E+01	1.57E+00	7.12E+00	9.69E-01	5.29E+00	7.26E-01	3.35E+00	4.35E-01	1.82E+00	2.52E-01	1.04E+00	1.44E-01	1.02E-01	1.41E-02	6.40E-10	8.82E-11
1.77E+00	2.25E-01	1.13E+01	1.47E+00	6.97E+00	9.09E-01	5.17E+00	6.78E-01	3.34E+00	4.15E-01	1.81E+00	2.40E-01	1.03E+00	1.38E-01	9.97E-02	1.32E-02	6.25E-10	8.25E-11
1.54E+00	2.09E-01	1.04E+01	1.37E+00	6.38E+00	8.45E-01	4.71E+00	6.29E-01	3.13E+00	3.89E-01	1.69E+00	2.30E-01	9.50E-01	1.32E-01	9.08E-02	1.22E-02	5.69E-10	7.66E-11
1.63E+00	2.16E-01	9.45E+00	1.57E+00	5.79E+00	9.61E-01	4.32E+00	7.15E-01	2.78E+00	4.72E-01	1.58E+00	2.69E-01	9.02E-01	1.53E-01	8.29E-02	1.37E-02	5.20E-10	8.56E-11
1.97E+00	2.67E-01	1.09E+01	1.89E+00	6.69E+00	1.16E+00	5.00E+00	8.62E-01	3.25E+00	5.73E-01	1.93E+00	3.25E-01	1.06E+00	1.84E-01	9.61E-02	1.65E-02	6.03E-10	1.03E-10
2.21E+00	3.68E-01	1.25E+01	2.27E+00	7.68E+00	1.39E+00	5.71E+00	1.03E+00	4.04E+00	6.85E-01	2.34E+00	3.84E-01	1.28E+00	2.17E-01	1.10E-01	1.97E-02	6.89E-10	1.24E-10
2.09E+00	3.53E-01	1.38E+01	2.56E+00	8.36E+00	1.57E+00	6.14E+00	1.16E+00	4.42E+00	7.69E-01	2.51E+00	4.26E-01	1.37E+00	2.40E-01	1.18E-01	2.23E-02	7.38E-10	1.40E-10
2.03E+00	3.34E-01	1.37E+01	2.77E+00	8.35E+00	1.70E+00	6.17E+00	1.26E+00	4.26E+00	8.19E-01	2.47E+00	4.46E-01	1.34E+00	2.52E-01	1.19E-01	2.43E-02	7.45E-10	1.52E-10
2.10E+00	4.38E-01	1.50E+01	2.75E+00	9.33E+00	1.69E+00	6.93E+00	1.25E+00	4.77E+00	7.99E-01	2.57E+00	4.73E-01	1.40E+00	2.59E-01	1.34E-01	2.42E-02	8.43E-10	1.52E-10
2.37E+00	5.42E-01	1.69E+01	3.11E+00	1.05E+01	1.88E+00	7.80E+00	1.39E+00	5.47E+00	9.50E-01	2.85E+00	6.01E-01	1.53E+00	3.33E-01	1.52E-01	2.64E-02	9.51E-10	1.66E-10
2.77E+00	7.44E-01	1.92E+01	3.69E+00	1.18E+01	2.15E+00	8.47E+00	1.63E+00	6.73E+00	1.16E+00	3.30E+00	8.27E-01	1.77E+00	4.58E-01	1.61E-01	2.98E-02	1.02E-09	1.88E-10
2.86E+00	8.61E-01	1.76E+01	5.45E+00	1.09E+01	3.21E+00	8.03E+00	2.41E+00	6.00E+00	1.62E+00	3.06E+00	1.08E+00	1.58E+00	5.98E-01	1.55E-01	4.52E-02	9.72E-10	2.84E-10
3.27E+00	7.25E-01	3.08E+01	6.11E+00	1.89E+01	3.62E+00	1.43E+01	2.73E+00	7.60E+00	1.67E+00	4.09E+00	1.06E+00	2.43E+00	5.94E-01	2.80E-01	5.22E-02	1.76E-09	3.28E-10
3.57E+00	6.31E-01	2.12E+01	4.75E+00	1.29E+01	2.81E+00	9.49E+00	2.13E+00	7.07E+00	1.31E+00	3.51E+00	8.61E-01	1.94E+00	4.85E-01	1.82E-01	4.04E-02	1.14E-09	2.54E-10
4.59E+00	1.37E+00	2.36E+01	5.33E+00	1.46E+01	3.20E+00	1.07E+01	2.38E+00	8.12E+00	1.87E+00	3.97E+00	1.14E+00	2.12E+00	5.80E-01	2.08E-01	4.56E-02	1.31E-09	2.87E-10
3.39E+00	8.26E-01	2.12E+01	4.71E+00	1.31E+01	2.70E+00	9.95E+00	2.12E+00	6.92E+00	1.31E+00	3.57E+00	8.65E-01	1.94E+00	4.85E-01	1.95E-01	4.06E-02	1.23E-09	2.56E-10
3.74E+00	8.23E-01	2.41E+01	4.05E+00	1.48E+01	2.30E+00	1.13E+01	1.79E+00	6.45E+00	9.83E-01	3.81E+00	8.17E-01	2.25E+00	4.57E-01	2.17E-01	3.36E-02	1.37E-09	2.11E-10
3.94E+00	6.66E-01	2.02E+01	2.73E+00	1.26E+01	1.52E+00	9.22E+00	1.16E+00	6.44E+00	8.50E-01	3.27E+00	6.96E-01	1.80E+00	3.77E-01	1.77E-01	2.09E-02	1.11E-09	1.31E-10
4.75E+00	5.59E-01	3.23E+01	2.96E+00	2.03E+01	1.63E+00	1.51E+01	1.25E+00	9.38E+00	9.59E-01	4.79E+00	6.61E-01	2.81E+00	3.57E-01	2.93E-01	2.31E-02	1.84E-09	1.45E-10
5.74E+00	5.11E-01	2.25E+01	3.33E+00	1.40E+01	2.06E+00	1.05E+01	1.52E+00	6.34E+00	9.85E-01	4.10E+00	5.40E-01	2.25E+00	3.09E-01	2.03E-01	2.94E-02	1.27E-09	1.85E-10
9.29E+00	7.94E-01	2.93E+01	3.92E+00	1.81E+01	2.29E+00	1.35E+01	1.68E+00	8.19E+00	1.25E+00	5.57E+00	8.31E-01	3.47E+00	4.62E-01	2.62E-01	3.17E-02	1.65E-09	1.99E-10
2.86E+00	7.14E-01	3.66E+01	3.37E+00	2.28E+01	2.06E+00	1.72E+01	1.56E+00	9.85E+00	8.91E-01	5.18E+00	7.28E-01	3.08E+00	4.09E-01	3.35E-01	3.02E-02	2.11E-09	1.90E-10
3.45E+00	4.34E-01	3.55E+01	3.49E+00	2.21E+01	2.15E+00	1.66E+01	1.62E+00	9.38E+00	9.45E-01	4.99E+00	5.18E-01	2.99E+00	3.02E-01	3.24E-01	3.13E-02	2.04E-09	1.97E-10
3.56E+00	3.76E-01	3.21E+01	3.90E+00	1.99E+01	2.39E+00	1.50E+01	1.80E+00	8.30E+00	1.03E+00	4.60E+00	5.75E-01	2.74E+00	3.36E-01	2.93E-01	3.49E-02	1.84E-09	2.20E-10
3.06E+00	3.46E-01	2.64E+01	3.59E+00	1.63E+01	2.16E+00	1.23E+01	1.64E+00	6.90E+00	9.20E-01	3.89E+00	5.65E-01	2.30E+00	3.27E-01	2.39E-01	3.17E-02	1.50E-09	1.99E-10
3.02E+00	3.74E-01	2.38E+01	2.95E+00	1.46E+01	1.73E+00	1.11E+01	1.33E+00	6.28E+00	7.32E-01	3.70E+00	5.18E-01	2.18E+00	2.98E-01	2.15E-01	2.54E-02	1.34E-09	1.60E-10
2.66E+00	3.44E-01	2.24E+01	2.07E+00	1.38E+01	1.18E+00	1.04E+01	9.26E-01	5.94E+00	4.96E-01	3.52E+00	4.13E-01	2.07E+00	2.37E-01	2.02E-01	1.73E-02	1.26E-09	1.09E-10
2.20E+00	2.98E-01	2.11E+01	1.54E+00	1.30E+01	9.35E-01	9.83E+00	7.06E-01	5.64E+00	4.13E-01	3.36E+00	3.24E-01	1.97E+00	1.85E-01	1.91E-01	1.36E-02	1.19E-09	8.56E-11
2.00E+00	2.58E-01	2.07E+01	1.53E+00	1.29E+01	9.28E-01	9.69E+00	7.03E-01	5.60E+00	4.16E-01	3.23E+00	2.49E-01	1.89E+00	1.43E-01	1.89E-01	1.35E-02	1.18E-09	8.50E-11
1.99E+00	2.53E-01	2.16E+01	1.47E+00	1.35E+01	8.81E-01	1.01E+01	6.70E-01	5.82E+00	4.22E-01	3.16E+00	2.51E-01	1.87E+00	1.41E-01	1.98E-01	1.28E-02	1.24E-09	8.07E-11
1.97E+00	2.97E-01	2.19E+01	1.36E+00	1.37E+01	8.11E-01	1.03E+01	6.20E-01	5.86E+00	4.15E-01	3.19E+00	2.54E-01	1.89E+00	1.39E-01	2.01E-01	1.18E-02	1.25E-09	7.43E-11
1.89E+00	3.25E-01	2.17E+01	1.24E+00	1.36E+01	7.34E-01	1.02E+01	5.63E-01	5.80E+00	3.90E-01	3.19E+00	2.61E-01	1.89E+00	1.44E-01	1.99E-01	1.07E-02	1.25E-09	6.72E-11
1.77E+00	2.38E-01	2.09E+01	1.05E+00	1.30E+01	6.43E-01	9.80E+00	4.88E-01	5.56E+00	2.72E-01	3.10E+00	1.91E-01	1.83E+00	1.08E-01	1.92E-01	9.51E-03	1.20E-09	5.93E-11
1.64E+00	1.83E-01	2.07E+01	1.03E+00	1.29E+01	6.34E-01	9.67E+00	4.81E-01	5.46E+00	2.60E-01	3.10E+00	1.58E-01	1.83E+00	9.38E-02	1.89E-01	9.39E-03	1.18E-09	5.84E-11
1.75E+00	1.75E-01	2.09E+01	1.06E+00	1.30E+01	6.49E-01	9.77E+00	4.92E-01	5.48E+00	2.64E-01	3.19E+00	1.64E-01	1.88E+00	9.74E-02	1.91E-01	9.62E-03	1.19E-09	5.98E-11
1.87E+00	1.51E-01	2.09E+01	1.06E+00	1.29E+01	6.49E-01	9.75E+00	4.93E-01	5.37E+00	2.62E-01	3.25E+00	1.67E-01	1.92E+00	9.91E-02	1.90E-01	9.64E-03	1.18E-09	5.98E-11
1.97E+00	1.37E-01	2.07E+01	1.05E+00	1.27E+01	6.42E-01	9.67E+00	4.91E-01	5.12E+00	2.53E-01	3.26E+00	1.68E-01	1.94E+00	1.00E-01	1.88E-01	9.58E-03	1.17E-09	5.94E-11
2.08E+00	2.03E-01	2.04E+01	1.06E+00	1.24E+01	6.44E-01	9.55E+00	4.94E-01	4.78E+00	2.89E-01	3.26E+00	2.16E-01	1.96E+00	1.19E-01	1.86E-01	9.60E-03	1.16E-09	5.94E-11
2.28E+00	3.19E-01	1.98E+01	1.91E+00	1.19E+01	1.18E+00	9.30E+00	8.89E-01	5.31E+00	5.05E-01	3.20E+00	3.05E-01	1.95E+00	1.67E-01	1.81E-01	1.73E-02	1.12E-09	1.08E-10
2.11E+00	3.14E-01	1.88E+01	1.93E+00	1.12E+01	1.20E+00	8.85E+00	9.04E-01	5.35E+00	5.09E-01	3.04E+00	2.83E-01	1.87E+00	1.68E-01	1.72E-01	1.76E-02	1.07E-09	1.10E-10
2.00E+00	2.08E-01	1.77E+01	1.21E+00	1.06E+01	7.49E-01	8.37E+00	5.63E-01	3.41E+00	3.28E-01	2.84E+00	1.82E-01	1.77E+00	1.06E-01	1.63E-01	1.09E-02	1.01E-09	6.84E-11
1.86E+00	1.69E-01	1.69E+01	1.01E+00	1.00E+01	6.23E-01	8.03E+00	4.66E-01	3.00E+00	2.79E-01	2.66E+00	1.53E-01	1.68E+00	8.89E-02	1.57E-01	9.05E-03	9.69E-10	5.65E-11
2.03E+00	2.82E-01	1.14E+01	2.45E+00	7.28E+00	1.58E+00	5.29E+00	1.15E+00	3.70E+00	7.39E-01	1.88E+00	3.12E-01	1.03E+00	1.84E-01	1.03E-01	2.27E-02	6.45E-10	1.42E-10
2.35E+00	3.16E-01	1.21E+01	2.76E+00	7.84E+00	1.78E+00	5.69E+00	1.29E+00	4.01E+00	8.44E-01	2.04E+00	3.49E-01	1.12E+00	2.04E-01	1.12E-01	2.55E-02	7.05E-10	1.60E-10
1.97E+00	2.63E-01	8.37E+00	1.83E+00	5.37E+00	1.18E+00	3.94E+00	8.54E-01	2.64E+00	5.78E-01	1.55E+00	2.73E-01	8.40E-01	1.51E-01	7.76E-02	1.68E-02	4.87E-10	1.05E-10
1.76E+00	2.41E-01	7.16E+00	1.47E+00	4.59E+00	9.10E-01	3.33E+00	6.83E-01	2.29E+00	4.49E-01	1.31E+00	2.43E-01	7.13E-01	1.34E-01	6.51E-02	1.33E-02	4.09E-10	8.34E-11
1.70E+00	2.45E-01	9.88E+00	1.43E+00	6.25E+00	8.89E-01	4.89E+00	6.64E-01	2.33E+00	3.98E-01	1.30E+00	2.42E-01	7.50E-01	1.33E-01	9.87E-02	1.29E-02	6.15E-10	8.11E-11
2.29E+00	3.13E-01	1.29E+01	1.80E+00	8.05E+00	1.12E+00	6.42E+00	8.33E-01	3.14E+00	5.10E-01	1.74E+00	3.05E-01	9.93E-01	1.67E-01	1.29E-01	1.62E-02	8.06E-10	1.02E-10
2.49E+00	3.26E-01	1.06E+01	1.74E+00	6.78E+00	1.09E+00	4.97E+00	8.04E-01	3.28E+00	5.05E-01	1.79E+00	3.10E-01	9.55E-01	1.69E-01	9.70E-02	1.56E-02	6.10E-10	9.81E-11
2.14E+00	2.75E-01	8.53E+00	1.30E+00	5.27E+00	8.06E-01	3.90E+00	5.97E-01	2.67E+00	3.81E-01	1.47E+00	2.59E-01	8.09E-01	1.41E-01	7.55E-02	1.16E-02	4.72E-10	7.26E-11
1.96E+00	2.38E-01	8.32E+00	1.31E+00	5.09E+00	8.09E-01	3.80E+00	6.01E-01	2.57E+00	3.88E-01	1.47E+00	2.30E-01	8.24E-01	1.26E-01	7.34E-02	1.16E-02	4.60E-10	7.24E-11
1.75E+00	2.48E-01	9.28E+00	1.46E+00	5.67E+00	9.02E-01	4.20E+00	6.70E-01	2.86E+00	4.32E-01	1.63E+00	2.41E-01	9.13E-01	1.38E-01	8.00E-02	1.29E-02	5.02E-10	8.07E-11
1.77E+00	2.89E-01	1.05E+01	1.65E+00	6.43E+00	1.02E+00	4.76E+00	7.55E-01	3.23E+00	4.86E-01	1.82E+00	2.69E-01	1.02E+00	1.54E-01	9.09E-02	1.45E-02	5.70E-10	9.10E-11
1.67E+00	3.03E-01	1.12E+01	1.80E+00	6.86E+00	1.11E+00	5.08E+00	8.24E-01	3.41E+00	5.28E-01	1.90E+00	2.90E-01	1.07E+00	1.66E-01	9.72E-02	1.59E-02	6.10E-10	9.95E-11
2.13E+00	3.29E-01	1.20E+01	1.98E+00	7.35E+00	1.22E+00	5.44E+00	9.05E-01	3.59E+00	5.73E-01	2.01E+00	3.12E-01	1.12E+00	1.78E-01	1.05E-01	1.75E-02	6.57E-10	1.10E-10
2.08E+00	3.25E-01	1.24E+01	2.01E+00	7.54E+00	1.24E+00	5.58E+00	9.23E-01	3.81E+00	5.94E-01	2.15E+00	3.63E-01	1.20E+00	2.05E-01	1.06E-01	1.79E-02	6.68E-10	1.12E-10
2.13E+00	4.09E-01	1.32E+01	2.22E+00	8.05E+00	1.35E+00	5.96E+00	1.00E+00	3.95E+00	6.60E-01	2.21E+00	4.60E-01	1.23E+00	2.59E-01	1.14E-01	1.93E-02	7.18E-10	1.21E-10
1.56E+00	4.18E-01	1.36E+01	2.35E+00	8.39E+00	1.40E+00	6.31E+00	1.05E+00	3.77E+00	6.79E-01	2.11E+00	4.90E-01	1.23E+00	2.76E-01	1.22E-01	2.00E-02	7.66E-10	1.26E-10
1.77E+00	4.50E-01	1.41E+01	2.45E+00	8.68E+00	1.46E+00	6.56E+00	1.10E+00	4.29E+00	7.50E-01	2.34E+00	5.17E-01	1.29E+00	2.90E-01	1.27E-01	2.06E-02	7.99E-10	1.29E-10
1.86E+00	5.38E-01	1.39E+01	3.49E+00	8.49E+00	2.08E+00	6.57E+00	1.57E+00	4.25E+00	1.03E+00	2.44E+00	6.79E-01	1.33E+00	3.81E-01	1.28E-01	2.95E-02	8.03E-10	1.85E-10
2.15E+00	6.21E-01	1.35E+01	4.79E+00	8.23E+00	2.87E+00	5.98E+00	2.16E+00	4.66E+00	1.38E+00	2.57E+00	8.61E-01	1.38E+00	4.85E-01	1.16E-01	4.10E-02	7.27E-10	2.58E-10
2.34E+00	6.44E-01	1.58E+01	5.47E+00	9.59E+00	3.30E+00	7.01E+00	2.48E+00	5.07E+00	1.52E+00	2.78E+00	9.15E-01	1.51E+00	5.19E-01	1.34E-01	4.76E-02	8.41E-10	2.99E-10
2.43E+00	5.49E-01	2.56E+01	3.52E+00	1.59E+01	2.11E+00	1.18E+01	1.61E+00	6.99E+00	9.21E-01	3.71E+00	6.84E-01	2.16E+00	3.95E-01	2.31E-01	3.10E-02	1.45E-09	1.95E-10
2.69E+00	4.81E-01	1.91E+01	3.67E+00	1.15E+01	2.17E+00	9.05E+00	1.66E+00	5.39E+00	9.69E-01	3.00E+00	6.63E-01	1.58E+00	3.78E-01	1.80E-01	3.15E-02	1.13E-09	1.98E-10
3.09E+00	8.82E-01	1.73E+01	4.14E+00	1.07E+01	2.48E+00	7.96E+00	1.85E+00	5.69E+00	1.37E+00	3.09E+00	7.86E-01	1.52E+00	4.17E-01	1.54E-01	3.52E-02	9.69E-10	2.21E-10
3.92E+00	8.43E-01	2.18E+01	6.48E+00	1.36E+01	3.84E+00	1.00E+01	2.88E+00	6.58E+00	1.87E+00	3.45E+00	1.18E+00	1.87E+00	6.54E-01	1.94E-01	5.46E-02	1.22E-09	3.44E-10

3.43E+00	9.04E-01	2.06E+01	5.57E+00	1.26E+01	3.27E+00	9.64E+00	2.49E+00	6.40E+00	1.60E+00	3.36E+00	1.06E+00	1.86E+00	5.96E-01	1.91E-01	4.69E-02	1.20E-09	2.95E-10
3.58E+00	1.16E+00	3.50E+01	4.98E+00	2.17E+01	2.74E+00	1.65E+01	2.09E+00	9.03E+00	1.49E+00	5.15E+00	1.24E+00	3.08E+00	6.62E-01	3.19E-01	3.96E-02	2.01E-09	2.49E-10
4.38E+00	9.47E-01	2.45E+01	4.63E+00	1.51E+01	2.54E+00	1.14E+01	2.02E+00	6.63E+00	1.08E+00	3.51E+00	1.10E+00	2.06E+00	6.17E-01	2.21E-01	3.72E-02	1.39E-09	2.34E-10
3.21E+00	4.30E-01	3.64E+01	2.58E+00	2.26E+01	1.58E+00	1.72E+01	1.17E+00	9.29E+00	7.61E-01	5.18E+00	4.99E-01	3.12E+00	2.88E-01	3.34E-01	2.26E-02	2.10E-09	1.42E-10
4.66E+00	5.81E-01	3.83E+01	3.39E+00	2.40E+01	1.92E+00	1.79E+01	1.49E+00	1.07E+01	8.46E-01	5.40E+00	7.03E-01	3.19E+00	3.95E-01	3.49E-01	2.79E-02	2.19E-09	1.75E-10
4.89E+00	4.41E-01	2.32E+01	2.52E+00	1.45E+01	1.55E+00	1.09E+01	1.16E+00	6.48E+00	7.70E-01	3.50E+00	4.70E-01	1.95E+00	2.63E-01	2.12E-01	2.24E-02	1.33E-09	1.41E-10
3.55E+00	6.31E-01	1.95E+01	4.20E+00	1.19E+01	2.44E+00	8.92E+00	1.86E+00	5.36E+00	1.15E+00	3.09E+00	8.15E-01	1.78E+00	4.53E-01	1.72E-01	3.50E-02	1.08E-09	2.20E-10
2.97E+00	6.01E-01	2.79E+01	4.45E+00	1.73E+01	2.66E+00	1.30E+01	1.99E+00	7.45E+00	1.29E+00	4.09E+00	8.12E-01	2.42E+00	4.54E-01	2.53E-01	3.78E-02	1.59E-09	2.38E-10
2.74E+00	4.78E-01	3.00E+01	2.42E+00	1.87E+01	1.40E+00	1.41E+01	1.09E+00	7.96E+00	6.86E-01	4.29E+00	5.30E-01	2.56E+00	3.02E-01	2.75E-01	2.01E-02	1.72E-09	1.26E-10
2.63E+00	2.48E-01	2.86E+01	2.04E+00	1.79E+01	1.27E+00	1.35E+01	9.57E-01	7.60E+00	5.48E-01	4.09E+00	3.22E-01	2.44E+00	1.91E-01	2.63E-01	1.86E-02	1.65E-09	1.17E-10
2.42E+00	3.19E-01	2.61E+01	2.46E+00	1.64E+01	1.53E+00	1.23E+01	1.15E+00	6.98E+00	6.63E-01	3.81E+00	3.49E-01	2.27E+00	2.06E-01	2.40E-01	2.23E-02	1.50E-09	1.40E-10
2.11E+00	2.20E-01	2.36E+01	2.79E+00	1.48E+01	1.73E+00	1.11E+01	1.30E+00	6.34E+00	7.39E-01	3.44E+00	3.97E-01	2.05E+00	2.34E-01	2.17E-01	2.54E-02	1.35E-09	1.59E-10
1.89E+00	2.23E-01	2.14E+01	2.71E+00	1.34E+01	1.66E+00	1.00E+01	1.26E+00	5.78E+00	7.01E-01	3.09E+00	4.04E-01	1.83E+00	2.37E-01	1.97E-01	2.44E-02	1.22E-09	1.53E-10
1.96E+00	2.56E-01	1.95E+01	2.63E+00	1.23E+01	1.59E+00	9.15E+00	1.21E+00	5.31E+00	6.62E-01	2.79E+00	4.15E-01	1.65E+00	2.43E-01	1.81E-01	2.34E-02	1.12E-09	1.47E-10
2.00E+00	2.57E-01	1.80E+01	2.18E+00	1.14E+01	1.30E+00	8.41E+00	1.00E+00	4.90E+00	5.38E-01	2.54E+00	3.71E-01	1.50E+00	2.17E-01	1.67E-01	1.92E-02	1.03E-09	1.20E-10
1.88E+00	2.73E-01	1.66E+01	1.73E+00	1.05E+01	1.01E+00	7.75E+00	7.90E-01	4.52E+00	4.18E-01	2.43E+00	3.17E-01	1.41E+00	1.84E-01	1.54E-01	1.50E-02	9.51E-10	9.41E-11
1.94E+00	3.02E-01	1.52E+01	1.40E+00	9.68E+00	8.62E-01	7.12E+00	6.46E-01	4.15E+00	4.14E-01	2.33E+00	2.88E-01	1.34E+00	1.59E-01	1.42E-01	1.25E-02	8.75E-10	7.86E-11
1.55E+00	2.46E-01	1.39E+01	1.29E+00	8.88E+00	7.96E-01	6.52E+00	5.98E-01	3.79E+00	3.57E-01	2.20E+00	2.24E-01	1.26E+00	1.24E-01	1.31E-01	1.16E-02	8.02E-10	7.27E-11
1.45E+00	1.70E-01	1.39E+01	1.11E+00	8.59E+00	6.76E-01	6.45E+00	5.10E-01	3.74E+00	2.99E-01	2.14E+00	1.74E-01	1.25E+00	1.01E-01	1.26E-01	9.85E-03	7.84E-10	6.19E-11
1.34E+00	1.54E-01	1.50E+01	1.05E+00	9.24E+00	6.37E-01	6.95E+00	4.82E-01	4.00E+00	2.81E-01	2.30E+00	1.68E-01	1.35E+00	9.74E-02	1.35E-01	9.28E-03	8.44E-10	5.83E-11
1.41E+00	1.61E-01	1.59E+01	9.74E-01	9.82E+00	5.91E-01	7.41E+00	4.53E-01	4.13E+00	2.64E-01	2.45E+00	1.59E-01	1.44E+00	9.23E-02	1.45E-01	8.88E-03	9.01E-10	5.53E-11
1.50E+00	1.75E-01	1.69E+01	1.02E+00	1.04E+01	6.18E-01	7.90E+00	4.76E-01	4.16E+00	2.51E-01	2.59E+00	1.53E-01	1.54E+00	9.22E-02	1.54E-01	9.34E-03	9.60E-10	5.81E-11
1.60E+00	2.28E-01	1.80E+01	1.12E+00	1.10E+01	6.73E-01	8.44E+00	5.24E-01	4.11E+00	2.88E-01	2.74E+00	1.86E-01	1.66E+00	1.03E-01	1.65E-01	1.03E-02	1.03E-09	6.39E-11
2.46E+00	3.01E-01	1.93E+01	1.60E+00	1.15E+01	9.72E-01	8.88E+00	7.25E-01	4.92E+00	4.78E-01	3.23E+00	2.77E-01	1.90E+00	1.56E-01	1.73E-01	1.38E-02	1.07E-09	8.68E-11
2.22E+00	2.57E-01	1.85E+01	1.39E+00	1.12E+01	8.41E-01	8.76E+00	6.28E-01	4.08E+00	4.20E-01	2.78E+00	2.50E-01	1.72E+00	1.41E-01	1.72E-01	1.19E-02	1.07E-09	7.49E-11
1.74E+00	1.93E-01	1.82E+01	1.08E+00	1.09E+01	6.42E-01	8.65E+00	5.08E-01	3.36E+00	3.07E-01	2.67E+00	1.91E-01	1.69E+00	1.07E-01	1.70E-01	9.98E-03	1.06E-09	6.19E-11
1.76E+00	1.76E-01	1.81E+01	1.06E+00	1.09E+01	6.27E-01	8.65E+00	4.99E-01	3.11E+00	2.98E-01	2.59E+00	1.90E-01	1.66E+00	1.06E-01	1.70E-01	9.82E-03	1.06E-09	6.09E-11
1.80E+00	2.69E-01	9.97E+00	1.66E+00	6.48E+00	1.04E+00	4.65E+00	7.71E-01	3.29E+00	4.76E-01	1.43E+00	2.70E-01	7.99E-01	1.47E-01	9.21E-02	1.51E-02	5.78E-10	9.44E-11
1.88E+00	2.65E-01	1.00E+01	1.45E+00	6.43E+00	9.09E-01	4.71E+00	6.71E-01	3.06E+00	4.25E-01	1.44E+00	2.56E-01	8.02E-01	1.40E-01	9.26E-02	1.31E-02	5.82E-10	8.20E-11
1.96E+00	2.62E-01	1.00E+01	1.27E+00	6.42E+00	7.95E-01	4.68E+00	5.86E-01	3.15E+00	3.80E-01	1.44E+00	2.47E-01	7.98E-01	1.35E-01	9.14E-02	1.14E-02	5.74E-10	7.14E-11
1.83E+00	2.32E-01	1.00E+01	1.18E+00	6.32E+00	7.46E-01	4.90E+00	5.53E-01	2.66E+00	3.40E-01	1.25E+00	2.17E-01	7.37E-01	1.19E-01	9.83E-02	1.08E-02	6.12E-10	6.77E-11
1.60E+00	1.92E-01	1.42E+01	1.15E+00	8.92E+00	7.20E-01	6.95E+00	5.35E-01	2.62E+00	3.34E-01	1.55E+00	1.85E-01	1.05E+00	1.02E-01	1.40E-01	1.04E-02	8.70E-10	6.51E-11
1.86E+00	2.71E-01	9.82E+00	1.29E+00	6.13E+00	8.05E-01	4.73E+00	5.98E-01	2.56E+00	3.78E-01	1.43E+00	1.97E-01	8.10E-01	1.14E-01	9.44E-02	1.16E-02	5.88E-10	7.25E-11
2.18E+00	3.65E-01	1.04E+01	1.44E+00	6.27E+00	8.96E-01	5.05E+00	6.67E-01	2.88E+00	4.26E-01	1.62E+00	2.45E-01	9.30E-01	1.35E-01	9.86E-02	1.28E-02	6.20E-10	8.06E-11
2.03E+00	3.40E-01	9.95E+00	1.40E+00	6.13E+00	8.69E-01	4.54E+00	6.45E-01	2.94E+00	4.05E-01	1.61E+00	2.48E-01	9.16E-01	1.39E-01	8.76E-02	1.25E-02	5.48E-10	7.81E-11
1.72E+00	3.16E-01	9.82E+00	1.45E+00	6.05E+00	8.95E-01	4.49E+00	6.65E-01	2.88E+00	4.15E-01	1.57E+00	2.46E-01	8.94E-01	1.40E-01	8.66E-02	1.29E-02	5.43E-10	8.06E-11
1.68E+00	2.63E-01	9.58E+00	1.45E+00	5.88E+00	8.97E-01	4.36E+00	6.67E-01	2.88E+00	4.19E-01	1.60E+00	2.54E-01	9.06E-01	1.44E-01	8.36E-02	1.29E-02	5.24E-10	8.10E-11
1.82E+00	2.70E-01	1.05E+01	1.67E+00	6.45E+00	1.00E+00	4.79E+00	7.57E-01	3.11E+00	4.98E-01	1.72E+00	3.27E-01	9.73E-01	1.85E-01	9.22E-02	1.42E-02	5.78E-10	8.90E-11
2.45E+00	3.60E-01	1.14E+01	2.22E+00	6.99E+00	1.32E+00	5.20E+00	1.00E+00	3.27E+00	6.51E-01	1.79E+00	4.36E-01	1.02E+00	2.47E-01	1.00E-01	1.88E-02	6.30E-10	1.18E-10
2.73E+00	4.09E-01	1.15E+01	2.56E+00	7.11E+00	1.52E+00	5.29E+00	1.16E+00	3.28E+00	7.36E-01	1.83E+00	5.03E-01	1.05E+00	2.85E-01	1.03E-01	2.17E-02	6.43E-10	1.36E-10
2.02E+00	3.75E-01	1.17E+01	2.41E+00	7.18E+00	1.43E+00	5.31E+00	1.09E+00	3.57E+00	6.72E-01	1.97E+00	4.63E-01	1.11E+00	2.62E-01	1.02E-01	2.04E-02	6.39E-10	1.28E-10
1.69E+00	4.38E-01	1.23E+01	2.74E+00	7.57E+00	1.63E+00	5.62E+00	1.24E+00	3.69E+00	8.03E-01	2.07E+00	5.39E-01	1.15E+00	3.05E-01	1.08E-01	2.32E-02	6.79E-10	1.46E-10
2.00E+00	4.90E-01	1.35E+01	3.62E+00	8.24E+00	2.18E+00	6.10E+00	1.64E+00	4.07E+00	1.04E+00	2.25E+00	6.62E-01	1.26E+00	3.76E-01	1.17E-01	3.12E-02	7.34E-10	1.96E-10
3.04E+00	5.90E-01	1.38E+01	4.55E+00	8.35E+00	2.76E+00	6.16E+00	2.07E+00	4.36E+00	1.28E+00	2.72E+00	7.75E-01	1.69E+00	4.42E-01	1.17E-01	3.97E-02	7.34E-10	2.49E-10
2.24E+00	5.84E-01	1.39E+01	4.73E+00	8.52E+00	2.88E+00	6.27E+00	2.16E+00	4.33E+00	1.31E+00	2.33E+00	7.66E-01	1.31E+00	4.38E-01	1.20E-01	4.16E-02	7.54E-10	2.61E-10
1.98E+00	4.55E-01	1.43E+01	3.74E+00	8.81E+00	2.27E+00	6.40E+00	1.72E+00	4.76E+00	9.99E-01	2.42E+00	5.98E-01	1.32E+00	3.45E-01	1.22E-01	3.30E-02	7.68E-10	2.08E-10
2.06E+00	4.49E-01	1.70E+01	2.75E+00	1.06E+01	1.67E+00	7.78E+00	1.26E+00	5.41E+00	7.83E-01	2.80E+00	5.25E-01	1.57E+00	3.04E-01	1.50E-01	2.40E-02	9.36E-10	1.51E-10
2.09E+00	3.92E-01	2.07E+01	2.71E+00	1.26E+01	1.63E+00	9.71E+00	1.22E+00	4.47E+00	7.50E-01	2.60E+00	5.11E-01	1.60E+00	2.92E-01	1.92E-01	2.35E-02	1.20E-09	1.47E-10
2.40E+00	6.19E-01	1.38E+01	3.38E+00	8.45E+00	2.05E+00	6.24E+00	1.53E+00	4.91E+00	1.06E+00	2.60E+00	5.91E-01	1.37E+00	3.23E-01	1.20E-01	2.92E-02	7.57E-10	1.84E-10
2.58E+00	7.96E-01	1.47E+01	5.56E+00	8.99E+00	3.32E+00	6.78E+00	2.46E+00	5.83E+00	1.75E+00	2.97E+00	1.05E+00	1.52E+00	5.76E-01	1.32E-01	4.64E-02	8.27E-10	2.91E-10
2.65E+00	4.69E-01	2.61E+01	3.20E+00	1.63E+01	1.88E+00	1.23E+01	1.43E+00	6.72E+00	1.01E+00	3.47E+00	6.07E-01	2.09E+00	3.40E-01	2.41E-01	2.70E-02	1.51E-09	1.70E-10
2.42E+00	5.44E-01	2.59E+01	4.12E+00	1.61E+01	2.45E+00	1.18E+01	1.90E+00	8.03E+00	1.16E+00	3.99E+00	7.26E-01	2.26E+00	4.09E-01	2.28E-01	3.66E-02	1.43E-09	2.30E-10
2.64E+00	9.02E-01	3.50E+01	4.88E+00	2.17E+01	2.78E+00	1.65E+01	2.13E+00	9.05E+00	1.37E+00	5.06E+00	1.05E+00	3.03E+00	5.81E-01	3.20E-01	3.94E-02	2.01E-09	2.48E-10
3.40E+00	8.34E-01	2.53E+01	4.94E+00	1.58E+01	2.82E+00	1.17E+01	2.15E+00	7.41E+00	1.37E+00	3.99E+00	1.03E+00	2.32E+00	5.63E-01	2.27E-01	4.02E-02	1.43E-09	2.52E-10
2.59E+00	5.90E-01	2.94E+01	3.39E+00	1.83E+01	1.97E+00	1.36E+01	1.52E+00	8.67E+00	8.91E-01	4.42E+00	6.60E-01	2.54E+00	3.74E-01	2.66E-01	2.85E-02	1.67E-09	1.79E-10
3.11E+00	3.60E-01	3.11E+01	2.92E+00	1.93E+01	1.74E+00	1.47E+01	1.29E+00	9.15E+00	8.65E-01	4.40E+00	5.11E-01	2.67E+00	2.80E-01	2.87E-01	2.46E-02	1.80E-09	1.55E-10
4.04E+00	5.03E-01	3.47E+01	3.12E+00	2.18E+01	1.79E+00	1.63E+01	1.39E+00	9.47E+00	7.66E-01	4.77E+00	6.23E-01	2.84E+00	3.55E-01	3.19E-01	2.61E-02	2.00E-09	1.64E-10
3.92E+00	3.44E-01	2.34E+01	2.09E+00	1.46E+01	1.27E+00	1.09E+01	9.56E-01	6.45E+00	6.65E-01	3.25E+00	3.95E-01	1.91E+00	2.24E-01	2.13E-01	1.84E-02	1.33E-09	1.15E-10
3.23E+00	4.58E-01	1.87E+01	4.05E+00	1.18E+01	2.43E+00	8.82E+00	1.82E+00	5.00E+00	1.14E+00	2.82E+00	6.85E-01	1.64E+00	3.83E-01	1.73E-01	3.48E-02	1.08E-09	2.19E-10
2.29E+00	5.03E-01	1.76E+01	3.88E+00	1.07E+01	2.36E+00	8.12E+00	1.75E+00	4.66E+00	1.16E+00	2.86E+00	6.36E-01	1.66E+00	3.56E-01	1.57E-01	3.36E-02	9.82E-10	2.11E-10
2.58E+00	4.40E-01	2.13E+01	3.26E+00	1.31E+01	1.95E+00	9.89E+00	1.48E+00	5.57E+00	9.23E-01	3.30E+00	5.92E-01	1.95E+00	3.36E-01	1.92E-01	2.80E-02	1.20E-09	1.76E-10
2.23E+00	3.08E-01	2.26E+01	1.77E+00	1.39E+01	1.05E+00	1.05E+01	8.02E-01	5.89E+00	5.19E-01	3.52E+00	3.62E-01	2.08E+00	2.07E-01	2.05E-01	1.54E-02	1.28E-09	9.61E-11
2.07E+00	1.95E-01	2.23E+01	1.67E+00	1.38E+01	1.03E+00	1.04E+01	7.78E-01	5.83E+00	4.40E-01	3.48E+00	2.59E-01	2.06E+00	1.53E-01	2.03E-01	1.52E-02	1.26E-09	9.44E-11
2.12E+00	2.38E-01	2.12E+01	1.58E+00	1.32E+01	9.81E-01	9.89E+00	7.36E-01	5.58E+00	4.19E-01	3.28E+00	2.41E-01	1.94E+00	1.43E-01	1.94E-01	1.44E-02	1.20E-09	8.95E-11
1.98E+00	2.40E-01	1.98E+01	1.98E+00	1.24E+01	1.24E+00	9.24E+00	9.26E-01	5.25E+00	5.40E-01	3.02E+00	2.75E-01	1.79E+00	1.63E-01	1.82E-01	1.81E-02	1.12E-09	1.14E-10
1.53E+00	1.92E-01	1.84E+01	2.28E+00	1.15E+01	1.42E+00	8.58E+00	1.07E+00	4.90E+00	6.10E-01	2.76E+00	3.18E-01	1.64E+00	1.88E-01	1.70E-01	2.08E-02	1.05E-09	1.31E-10
1.42E+00	1.99E-01	1.70E+01	2.35E+00	1.07E+01	1.45E+00	7.95E+00	1.10E+00	4.56E+00	6.15E-01	2.52E+00	3.37E-01	1.49E+00	2.00E-01	1.58E-01	2.13E-02	9.70E-10	1.34E-10
1.78E+00	2.58E-01	1.57E+01	2.34E+00	9.93E+00	1.44E+00	7.33E+00	1.09E+00	4.21E+00	6.00E-01	2.29E+00	3.50E-01	1.36E+00	2.07E-01	1.46E-01	2.11E-02	8.96E-10	1.33E-10
2.05E+00	2.81E-01	1.44E+01	2.10E+00	9.13E+00	1.28E+00	6.72E+00	9.75E-01	3.86E+00	5.29E-01	2.18E+00	3.30E-01	1.23E+00	1.94E-01	1.35E-01	1.88E-02	8.23E-10	1.18E-10
1.19E+00	1.80E-01	1.30E+01	1.58E+00	8.30E+00	9.45E-01	6.10E+00	7.27E-01	3.50E+00	3.90E-01	1.86E+00	2.64E-01	1.11E+00	1.55E-01	1.23E-01	1.40E-02	7.48E-10	8.76E-11
1.33E+00	1.83E-01	1.17E+01	1.30E+00	7.45E+00	7.73E-01	5.47E+00	5.99E-01	3.12E+00	3.18E-01	1.65E+00	2.30E-01	9.84E-01	1.34E-01	1.10E-01	1.14E-02	6.71E-10	7.17E-11
1.47E+00	1.80E-01	1.02E+01	1.06E+00	6.55E+00	6.24E-01	4.81E+00	4.87E-01	2.73E+00	2.77E-01	1.56E+00	1.97E-01	9.12E-01	1.15E-01	9.70E-02	9.22E-03	5.90E-10	5.79E-11
1.54E+00	1.64E-01	8.74E+00	1.00E+00	5.59E+00	6.19E-01	4.10E+00	4.64E-01	2.31E+00	2.76E-01	1.48E+00	1.65E-01	8.68E-01	9.60E-02	8.29E-02	9.01E-03	5.04E-10	5.65E-11
1.95E+00	1.83E-01	8.89E+00	1.04E+00	5.36E+00	6.40E-01	4.13E+00	4.80E-01	2.59E+00	2.99E-01	1.55E+00	1.71E-01	8.51E-01	9.53E-02	8.05E-02	9.30E-03	5.00E-10	5.83E-11
2.42E+00	1.99E-01	1.05E+01	1.22E+00	6.17E+00	7.80E-01	4.76E+00	5.70E-01	4.06E+00	3.65E-01	1.97E+00	2.04E-01	1.08E+00	1.14E-01	9.49E-02	1.12E-02	5.97E-10	7.06E-11
2.09E+00	1.71E-01	1.09E+01	1.09E+00	6.54E+00	6.79E-01	5.13E+00	4.94E-01	3.60E+00	3.27E-01	1.69E+00	1.84E-01	1.00E+00	1.04E-01	1.01E-01	9.71E-03	6.26E-10	6.10E-11
1.75E+00	1.59E-01	1.14E+01	9.12E-01	6.90E+00	5.56E-01	5.45E+00	4.36E-01	2.91E+00	2.71E-01	1.63E+00	1.57E-01	1.03E+00	8.79E-02	1.07E-01	8.65E-03	6.67E-10	5.38E-11
1.78E+00	1.84E-01	1.22E+01	9.72E-01	7.37E+00	5.93E-01	5.85E+00	4.66E-01	3.33E+00	2.98E-01	1.67E+00	1.64E-01	1.07E+00	9.11E-02	1.16E-01	9.25E-03	7.19E-10	5.76E-11
2.21E+00	2.50E-01	1.37E+01	1.49E+00	8.92E+00	9.43E-01	6.45E+00	6.97E-01	4.36E+00	4.33E-01	1.77E+00	2.67E-01	9.83E-01	1.55E-01	1.27E-01	1.36E-02	7.98E-10	8.53E-11
2.06E+00	2.93E-01	1.12E+01	1.41E+00	7.11E+00	8.84E-01	5.41E+00	6.53E-01	3.39E+00	4.13E-01	1.56E+00	2.35E-01	9.51E-01	1.36E-01	1.07E-01	1.27E-02	6.67E-10	7.96E-11
1.96E+00	3.18E-01	1.03E+01	1.32E+00	6.24E+00	8.25E-01	4.96E+00	6.11E-01	2.93E+00	3.91E-01	1.42E+00	2.16E-01	8.80E-01	1.18E-01	9.77E-02	1.18E-02	6.12E-10	7.41E-11
2.04E+00	3.70E-01	1.33E+01	1.38E+00	8.38E+00	8.56E-01	6.57E+00	6.35E-01	2.89E+00	4.10E-01	1.54E+00	2.46E-01	9.81E-01	1.35E-01	1.32E-01	1.22E-02	8.24E-10	7.67E-11
2.09E+00	3.66E-01	1.71E+01	1.35E+00	1.08E+01	8.31E-01	8.46E+00	6.19E-01	2.94E+00	4.01E-01	1.87E+00	2.75E-01	1.28E+00	1.55E-01	1.70E-01	1.19E-02	1.06E-09	7.44E-11
1.84E+00	3.03E-01	1.00E+01	1.24E+00	6.22E+00	7.61E-01	4.86E+00	5.71E-01	2.37E+00	3.66E-01	1.31E+00	2.48E-01	8.11E-01	1.42E-01	9.70E-02	1.09E-02	6.03E-10	6.82E-11
1.74E+00	2.60E-01	8.69E+00	1.44E+00	5.37E+00	8.74E-01	3.99E+00	6.57E-01	2.52E+00	4.24E-01	1.39E+00	2.59E-01	7.94E-01	1.48E-01	7.72E-02	1.25E-02	4.82E-10	7.81E-11
1.60E+00	2.34E-01	8.88E+00	1.61E+00	5.48E+00	9.73E-01	4.08E+00	7.35E-01	2.55E+00	4.73E-01	1.39E+00	3.00E-01	8.00E-01	1.71E-01	7.90E-02	1.39E-02	4.94E-10	8.70E-11
1.81E+00	2.75E-01	8.73E+00	1.83E+00	5.40E+00	1.10E+00	4.02E+00	8.30E-01	2.49E+00	5.30E-01	1.35E+00	3.47E-01	7.78E-01	1.98E-01	7.80E-02	1.56E-02	4.89E-10	9.80E-11
1.51E+00	3.00E-01	8.77E+00	1.96E+00	5.38E+00	1.17E+00	4.04E+00	8.89E-01	2.44E+00	5.61E-01	1.40E+00	3.77E-01	8.07E-01	2.14E-01	7.79E-02	1.67E-02	4.89E-10	1.05E-10
2.01E+00	3.12E-01	9.43E+00	2.11E+00	5.81E+00	1.25E+00	4.31E+00	9.53E-01	2.82E+00	5.89E-01	1.55E+00	4.00E-01	8.78E-01	2.28E-01	8.32E-02	1.80E-02	5.22E-10	1.13E-10
2.25E+00	3.67E-01	1.09E+01	2.25E+00	6.70E+00	1.34E+00	4.98E+00	1.02E+00	3.16E+00	6.60E-01	1.71E+00	4.46E-01	9.79E-01	2.53E-01	9.61E-02	1.91E-02	6.03E-10	1.20E-10
1.98E+00	4.10E-01	1.16E+01	2.80E+00	7.15E+00	1.68E+00	5.30E+00	1.27E+00	3.51E+00	8.03E-01	1.92E+00	5.29E-01	1.08E+00	3.01E-01	1.02E-01	2.40E-02	6.38E-10	1.51E-10
1.92E+00	4.02E-01	1.14E+01	3.22E+00	7.02E+00	1.94E+00	5.21E+00	1.47E+00	3.33E+00	9.08E-01	1.82E+00	5.67E-01	1.03E+00	3.25E-01	1.01E-01	2.80E-02	6.31E-10	1.76E-10
2.14E+00	4.52E-01	1.14E+01	3.64E+00	6.94E+00	2.21E+00	5.14E+00	1.66E+00	3.48E+00	1.02E+00	1.97E+00	6.06E-01	1.23E+00	3.48E-01	9.81E-02	3.19E-02	6.16E-10	2.00E-10
2.25E+00	4.83E-01	1.15E+01	3.89E+00	7.00E+00	2.38E+00	5.27E+00	1.79E+00	3.45E+00	1.08E+00	1.94E+00	6.20E-01	1.11E+00	3.57E-01	1.01E-01	3.45E-02	6.34E-10	2.16E-10
2.05E+00	4.46E-01	1.36E+01	3.81E+00	8.28E+00	2.33E+00	6.17E+00	1.75E+00	3.99E+00	1.04E+00	2.24E+00	5.95E-01	1.26E+00	3.45E-01	1.18E-01	3.39E-02	7.43E-10	2.13E-10

Scenario 2 Results

2.88E+00	6.08E-01	1.46E+01	2.98E+00	8.99E+00	1.81E+00	6.60E+00	1.37E+00	4.57E+00	8.29E-01	2.39E+00	6.51E-01	1.33E+00	3.75E-01	1.27E-01	2.63E-02	7.96E-10	1.65E-10
2.17E+00	4.94E-01	1.44E+01	2.82E+00	8.81E+00	1.72E+00	6.45E+00	1.29E+00	4.64E+00	7.99E-01	2.45E+00	5.05E-01	1.35E+00	2.90E-01	1.23E-01	2.47E-02	7.73E-10	1.55E-10
1.93E+00	4.14E-01	1.70E+01	2.49E+00	1.05E+01	1.50E+00	7.90E+00	1.12E+00	4.42E+00	7.31E-01	2.41E+00	4.81E-01	1.42E+00	2.74E-01	1.55E-01	2.13E-02	9.68E-10	1.34E-10
2.03E+00	4.95E-01	1.37E+01	2.81E+00	8.36E+00	1.71E+00	6.18E+00	1.28E+00	4.59E+00	8.76E-01	2.45E+00	5.14E-01	1.33E+00	2.70E-01	1.19E-01	2.46E-02	7.47E-10	1.54E-10
2.22E+00	9.18E-01	1.52E+01	5.80E+00	9.23E+00	3.40E+00	6.89E+00	2.59E+00	5.04E+00	1.65E+00	2.70E+00	1.14E+00	1.44E+00	6.40E-01	1.32E-01	4.85E-02	8.28E-10	3.05E-10
2.89E+00	4.31E-01	1.86E+01	4.12E+00	1.16E+01	2.49E+00	8.56E+00	1.90E+00	5.64E+00	1.04E+00	2.79E+00	6.42E-01	1.59E+00	3.75E-01	1.66E-01	3.67E-02	1.04E-09	2.31E-10
2.26E+00	5.55E-01	2.36E+01	3.78E+00	1.48E+01	2.29E+00	1.12E+01	1.71E+00	5.69E+00	1.13E+00	3.00E+00	7.05E-01	1.85E+00	3.91E-01	2.21E-01	3.24E-02	1.39E-09	2.04E-10
2.38E+00	4.69E-01	2.93E+01	3.84E+00	1.83E+01	2.32E+00	1.36E+01	1.77E+00	8.44E+00	1.02E+00	4.32E+00	6.58E-01	2.51E+00	3.82E-01	2.64E-01	3.38E-02	1.65E-09	2.12E-10
2.30E+00	6.87E-01	3.02E+01	4.19E+00	1.87E+01	2.43E+00	1.41E+01	1.86E+00	7.97E+00	1.15E+00	4.40E+00	8.46E-01	2.62E+00	4.73E-01	2.75E-01	3.47E-02	1.73E-09	2.18E-10
3.33E+00	6.47E-01	2.17E+01	4.36E+00	1.36E+01	2.56E+00	1.02E+01	1.90E+00	6.68E+00	1.32E+00	3.82E+00	8.35E-01	2.22E+00	4.53E-01	2.00E-01	3.58E-02	1.26E-09	2.25E-10
2.75E+00	5.09E-01	2.46E+01	3.16E+00	1.52E+01	1.88E+00	1.15E+01	1.41E+00	6.53E+00	9.31E-01	3.38E+00	6.01E-01	2.03E+00	3.20E-01	2.26E-01	2.68E-02	1.42E-09	1.68E-10
3.38E+00	3.37E-01	2.87E+01	1.93E+00	1.78E+01	1.12E+00	1.34E+01	8.83E-01	7.78E+00	5.41E-01	4.16E+00	3.98E-01	2.46E+00	2.30E-01	2.61E-01	1.65E-02	1.63E-09	1.04E-10
3.26E+00	4.05E-01	3.66E+01	3.35E+00	2.28E+01	2.00E+00	1.70E+01	1.51E+00	1.03E+01	9.26E-01	5.26E+00	5.81E-01	3.07E+00	3.29E-01	3.31E-01	2.89E-02	2.08E-09	1.81E-10
3.46E+00	4.57E-01	2.91E+01	2.97E+00	1.84E+01	1.72E+00	1.37E+01	1.34E+00	7.82E+00	7.31E-01	3.93E+00	5.77E-01	2.38E+00	3.32E-01	2.70E-01	2.52E-02	1.69E-09	1.59E-10
2.88E+00	3.05E-01	2.14E+01	2.05E+00	1.34E+01	1.24E+00	1.00E+01	9.04E-01	5.79E+00	6.49E-01	2.92E+00	3.81E-01	1.74E+00	2.18E-01	1.97E-01	1.73E-02	1.23E-09	1.09E-10
2.54E+00	3.58E-01	1.95E+01	3.87E+00	1.19E+01	2.37E+00	9.04E+00	1.76E+00	5.14E+00	1.11E+00	2.98E+00	6.01E-01	1.75E+00	3.40E-01	1.75E-01	3.40E-02	1.10E-09	2.14E-10
1.61E+00	4.21E-01	1.42E+01	3.11E+00	8.91E+00	1.85E+00	6.63E+00	1.41E+00	3.83E+00	8.33E-01	2.04E+00	5.67E-01	1.17E+00	3.25E-01	1.31E-01	2.67E-02	8.13E-10	1.68E-10
2.19E+00	3.38E-01	1.37E+01	3.07E+00	8.19E+00	1.87E+00	6.26E+00	1.40E+00	3.50E+00	8.87E-01	2.46E+00	5.11E-01	1.43E+00	2.90E-01	1.20E-01	2.67E-02	7.47E-10	1.68E-10
2.07E+00	3.15E-01	1.55E+01	2.39E+00	9.43E+00	1.44E+00	7.17E+00	1.09E+00	4.03E+00	6.74E-01	2.70E+00	4.29E-01	1.58E+00	2.45E-01	1.39E-01	2.07E-02	8.60E-10	1.30E-10
1.94E+00	2.18E-01	1.63E+01	1.58E+00	1.04E+01	9.96E-01	7.73E+00	7.29E-01	4.32E+00	4.83E-01	2.77E+00	2.70E-01	1.63E+00	1.55E-01	1.54E-01	1.42E-02	9.63E-10	8.94E-11
1.75E+00	2.04E-01	1.63E+01	1.52E+00	1.03E+01	9.23E-01	7.67E+00	6.77E-01	4.25E+00	4.80E-01	2.71E+00	2.53E-01	1.60E+00	1.41E-01	1.53E-01	1.29E-02	9.55E-10	8.13E-11
1.77E+00	2.24E-01	1.58E+01	1.32E+00	9.94E+00	8.22E-01	7.38E+00	6.14E-01	4.10E+00	3.48E-01	2.58E+00	2.36E-01	1.52E+00	1.30E-01	1.47E-01	1.21E-02	9.19E-10	7.45E-11
1.66E+00	2.18E-01	1.50E+01	1.35E+00	9.42E+00	8.47E-01	7.01E+00	6.31E-01	3.92E+00	3.77E-01	2.40E+00	1.93E-01	1.42E+00	1.15E-01	1.40E-01	1.23E-02	8.73E-10	7.74E-11
1.96E+00	2.03E-01	1.40E+01	1.73E+00	8.78E+00	1.09E+00	6.55E+00	8.13E-01	3.68E+00	4.77E-01	2.21E+00	2.38E-01	1.31E+00	1.41E-01	1.31E-01	1.59E-02	8.16E-10	9.98E-11
2.00E+00	2.10E-01	1.35E+01	2.08E+00	8.71E+00	1.30E+00	6.15E+00	9.75E-01	4.81E+00	5.61E-01	2.01E+00	2.86E-01	1.19E+00	1.70E-01	1.20E-01	1.91E-02	7.56E-10	1.20E-10
1.08E+00	1.59E-01	1.17E+01	1.91E+00	7.37E+00	1.19E+00	5.45E+00	8.96E-01	3.08E+00	5.07E-01	1.79E+00	2.70E-01	1.06E+00	1.60E-01	1.09E-01	1.75E-02	6.64E-10	1.10E-10
1.02E+00	1.38E-01	1.04E+01	1.76E+00	6.55E+00	1.09E+00	4.84E+00	8.23E-01	2.94E+00	4.59E-01	1.59E+00	2.58E-01	9.38E-01	1.53E-01	9.71E-02	1.60E-02	5.91E-10	1.01E-10
9.64E-01	1.47E-01	9.86E+00	1.66E+00	6.22E+00	1.02E+00	4.58E+00	7.75E-01	2.85E+00	4.27E-01	1.50E+00	2.52E-01	8.80E-01	1.49E-01	8.99E-02	1.50E-02	5.59E-10	9.43E-11
1.04E+00	1.60E-01	9.34E+00	1.47E+00	5.90E+00	8.94E-01	4.33E+00	6.82E-01	2.72E+00	3.72E-01	1.41E+00	2.32E-01	8.26E-01	1.37E-01	8.52E-02	1.32E-02	5.28E-10	8.27E-11
1.19E+00	1.91E-01	8.74E+00	1.31E+00	5.53E+00	7.92E-01	4.11E+00	6.07E-01	2.57E+00	3.28E-01	1.34E+00	2.15E-01	7.73E-01	1.26E-01	8.06E-02	1.17E-02	5.05E-10	7.33E-11
1.74E+00	2.57E-01	8.88E+00	1.25E+00	5.47E+00	7.28E-01	4.13E+00	5.53E-01	2.98E+00	3.78E-01	1.91E+00	2.79E-01	1.01E+00	1.56E-01	8.09E-02	1.06E-02	5.07E-10	6.63E-11
1.59E+00	2.14E-01	8.20E+00	9.80E-01	5.17E+00	6.10E-01	3.89E+00	4.51E-01	2.17E+00	2.94E-01	1.58E+00	2.09E-01	8.37E-01	1.16E-01	7.62E-02	8.70E-03	4.78E-10	5.47E-11
1.57E+00	1.86E-01	7.83E+00	8.84E-01	4.93E+00	5.50E-01	3.70E+00	4.11E-01	2.08E+00	2.62E-01	1.43E+00	1.65E-01	7.60E-01	9.17E-02	7.26E-02	7.99E-03	4.55E-10	5.01E-11
1.92E+00	2.02E-01	7.62E+00	9.01E-01	4.80E+00	5.56E-01	3.59E+00	4.15E-01	2.06E+00	2.99E-01	1.70E+00	1.63E-01	9.11E-01	9.06E-02	7.05E-02	8.07E-03	4.41E-10	5.06E-11
2.41E+00	4.00E-01	1.76E+01	1.54E+00	1.11E+01	9.58E-01	8.58E+00	7.07E-01	4.11E+00	4.63E-01	1.97E+00	2.81E-01	1.30E+00	1.54E-01	1.71E-01	1.37E-02	1.07E-09	8.55E-11
2.58E+00	3.88E-01	1.37E+01	1.40E+00	8.80E+00	8.71E-01	6.58E+00	6.50E-01	3.60E+00	4.04E-01	1.65E+00	2.89E-01	9.77E-01	1.62E-01	1.31E-01	1.26E-02	8.19E-10	7.85E-11
2.33E+00	3.35E-01	1.19E+01	1.48E+00	7.69E+00	9.16E-01	5.63E+00	6.84E-01	3.50E+00	4.31E-01	1.46E+00	2.76E-01	8.40E-01	1.57E-01	1.11E-01	1.32E-02	6.99E-10	8.23E-11
2.33E+00	3.13E-01	1.53E+01	1.73E+00	9.63E+00	1.06E+00	7.61E+00	7.95E-01	3.95E+00	5.03E-01	1.62E+00	2.95E-01	1.14E+00	1.69E-01	1.54E-01	1.52E-02	9.55E-10	9.53E-11
1.95E+00	2.46E-01	1.68E+01	1.85E+00	1.05E+01	1.12E+00	8.31E+00	8.45E-01	3.22E+00	5.35E-01	1.85E+00	3.26E-01	1.28E+00	1.87E-01	1.68E-01	1.61E-02	1.04E-09	1.01E-10
2.17E+00	2.63E-01	1.04E+01	1.91E+00	6.42E+00	1.15E+00	5.08E+00	8.69E-01	2.19E+00	5.49E-01	1.36E+00	3.48E-01	8.67E-01	1.99E-01	1.01E-01	1.65E-02	6.30E-10	1.03E-10
1.68E+00	2.62E-01	7.52E+00	1.80E+00	4.64E+00	1.08E+00	3.48E+00	8.17E-01	2.08E+00	5.11E-01	1.18E+00	3.38E-01	6.84E-01	1.93E-01	6.75E-02	1.55E-02	4.22E-10	9.68E-11
1.44E+00	2.62E-01	7.66E+00	1.79E+00	4.72E+00	1.07E+00	3.54E+00	8.14E-01	2.25E+00	5.01E-01	1.24E+00	3.39E-01	7.06E-01	1.93E-01	6.88E-02	1.54E-02	4.30E-10	9.64E-11
1.76E+00	2.71E-01	8.63E+00	1.73E+00	5.34E+00	1.03E+00	3.97E+00	7.86E-01	2.50E+00	4.94E-01	1.36E+00	3.31E-01	7.82E-01	1.88E-01	7.67E-02	1.49E-02	4.81E-10	9.34E-11
1.92E+00	3.22E-01	9.10E+00	2.13E+00	5.71E+00	1.27E+00	4.52E+00	9.65E-01	2.70E+00	6.08E-01	1.48E+00	4.07E-01	8.42E-01	2.32E-01	9.04E-02	1.82E-02	5.68E-10	1.14E-10
2.30E+00	3.62E-01	1.13E+01	2.66E+00	7.25E+00	1.64E+00	5.43E+00	1.22E+00	3.11E+00	7.89E-01	2.03E+00	4.86E-01	1.12E+00	2.78E-01	1.08E-01	2.34E-02	6.77E-10	1.47E-10
2.81E+00	4.44E-01	1.37E+01	3.24E+00	8.29E+00	2.00E+00	6.61E+00	1.49E+00	3.47E+00	9.70E-01	2.10E+00	5.37E-01	1.30E+00	3.07E-01	1.28E-01	2.85E-02	8.06E-10	1.79E-10
2.26E+00	4.24E-01	1.07E+01	3.30E+00	6.56E+00	2.02E+00	5.16E+00	1.52E+00	3.17E+00	9.15E-01	2.44E+00	5.60E-01	1.54E+00	3.18E-01	9.43E-02	2.92E-02	5.93E-10	1.83E-10
2.24E+00	4.38E-01	1.05E+01	3.45E+00	6.42E+00	2.12E+00	4.82E+00	1.59E+00	2.96E+00	9.54E-01	1.72E+00	5.40E-01	1.05E+00	3.12E-01	9.27E-02	3.07E-02	5.82E-10	1.93E-10
2.03E+00	3.84E-01	1.12E+01	3.20E+00	6.88E+00	1.97E+00	5.12E+00	1.48E+00	3.32E+00	8.77E-01	1.85E+00	4.91E-01	1.05E+00	2.85E-01	9.83E-02	2.86E-02	6.17E-10	1.79E-10
1.52E+00	3.49E-01	1.04E+01	2.41E+00	6.46E+00	1.47E+00	4.78E+00	1.11E+00	3.32E+00	6.53E-01	1.76E+00	4.08E-01	9.79E-01	2.35E-01	9.24E-02	2.14E-02	5.80E-10	1.34E-10
1.58E+00	4.30E-01	1.12E+01	2.19E+00	6.93E+00	1.35E+00	5.14E+00	1.01E+00	3.33E+00	6.29E-01	1.95E+00	4.51E-01	1.09E+00	2.60E-01	9.93E-02	1.95E-02	6.23E-10	1.22E-10
2.08E+00	4.08E-01	1.28E+01	2.42E+00	7.88E+00	1.46E+00	5.80E+00	1.10E+00	3.98E+00	6.82E-01	2.13E+00	4.17E-01	1.19E+00	2.38E-01	1.11E-01	2.10E-02	6.99E-10	1.32E-10
2.59E+00	4.58E-01	1.60E+01	2.56E+00	1.01E+01	1.55E+00	7.60E+00	1.16E+00	4.36E+00	7.47E-01	2.22E+00	4.81E-01	1.33E+00	2.73E-01	1.48E-01	2.22E-02	9.31E-10	1.40E-10
2.35E+00	4.08E-01	1.42E+01	2.51E+00	8.77E+00	1.55E+00	6.72E+00	1.15E+00	4.34E+00	8.39E-01	2.32E+00	4.62E-01	1.28E+00	2.46E-01	1.33E-01	2.23E-02	8.32E-10	1.40E-10
2.25E+00	9.12E-01	1.41E+01	5.57E+00	8.59E+00	3.29E+00	6.29E+00	2.49E+00	4.66E+00	1.64E+00	2.55E+00	1.10E+00	1.39E+00	6.16E-01	1.21E-01	4.65E-02	7.62E-10	2.93E-10
1.95E+00	5.17E-01	1.53E+01	5.03E+00	9.36E+00	3.07E+00	6.88E+00	2.31E+00	4.98E+00	1.39E+00	2.62E+00	8.06E-01	1.43E+00	4.64E-01	1.31E-01	4.44E-02	8.26E-10	2.79E-10
2.46E+00	5.01E-01	2.09E+01	3.11E+00	1.32E+01	1.86E+00	9.77E+00	1.41E+00	5.91E+00	8.49E-01	2.91E+00	5.53E-01	1.71E+00	3.10E-01	1.91E-01	2.69E-02	1.20E-09	1.69E-10
2.14E+00	5.68E-01	1.84E+01	4.07E+00	1.15E+01	2.41E+00	8.81E+00	1.84E+00	4.39E+00	1.10E+00	2.56E+00	7.53E-01	1.45E+00	4.28E-01	1.74E-01	3.48E-02	1.09E-09	2.19E-10
2.19E+00	4.01E-01	2.90E+01	3.20E+00	1.81E+01	1.94E+00	1.35E+01	1.49E+00	8.10E+00	8.24E-01	4.20E+00	5.32E-01	2.46E+00	3.13E-01	2.63E-01	2.85E-02	1.65E-09	1.79E-10
2.18E+00	6.01E-01	2.50E+01	3.94E+00	1.55E+01	2.31E+00	1.17E+01	1.76E+00	6.83E+00	1.08E+00	3.75E+00	7.66E-01	2.20E+00	4.31E-01	2.27E-01	3.32E-02	1.42E-09	2.09E-10
2.69E+00	5.71E-01	2.15E+01	3.65E+00	1.35E+01	2.13E+00	1.02E+01	1.66E+00	5.57E+00	1.13E+00	3.01E+00	7.26E-01	1.79E+00	4.22E-01	2.00E-01	3.11E-02	1.26E-09	1.96E-10
2.19E+00	3.30E-01	2.47E+01	2.71E+00	1.53E+01	1.63E+00	1.15E+01	1.24E+00	6.46E+00	7.90E-01	3.42E+00	4.72E-01	2.03E+00	2.82E-01	2.25E-01	2.39E-02	1.41E-09	1.50E-10
4.00E+00	3.97E-01	2.37E+01	2.63E+00	1.48E+01	1.54E+00	1.11E+01	1.19E+00	6.20E+00	6.80E-01	3.27E+00	5.03E-01	1.95E+00	2.88E-01	2.17E-01	2.24E-02	1.36E-09	1.41E-10
2.20E+00	3.28E-01	2.37E+01	2.22E+00	1.48E+01	1.35E+00	1.11E+01	1.00E+00	6.40E+00	6.68E-01	3.45E+00	4.00E-01	2.04E+00	2.23E-01	2.16E-01	1.92E-02	1.35E-09	1.21E-10
2.67E+00	3.96E-01	3.57E+01	3.31E+00	2.22E+01	1.98E+00	1.67E+01	1.50E+00	9.60E+00	8.98E-01	5.08E+00	5.70E-01	3.00E+00	3.26E-01	3.26E-01	2.87E-02	2.04E-09	1.80E-10
2.90E+00	3.80E-01	2.39E+01	2.58E+00	1.46E+01	1.51E+00	1.12E+01	1.17E+00	6.06E+00	6.40E-01	3.67E+00	4.90E-01	2.21E+00	2.83E-01	2.18E-01	2.21E-02	1.36E-09	1.39E-10
1.98E+00	2.71E-01	1.81E+01	2.00E+00	1.15E+01	1.21E+00	8.52E+00	8.99E-01	5.06E+00	6.13E-01	2.53E+00	3.61E-01	1.49E+00	2.08E-01	1.68E-01	1.71E-02	1.05E-09	1.08E-10
1.75E+00	2.88E-01	1.92E+01	2.96E+00	1.18E+01	1.83E+00	8.93E+00	1.35E+00	5.10E+00	8.62E-01	2.86E+00	4.44E-01	1.68E+00	2.52E-01	1.73E-01	2.62E-02	1.09E-09	1.65E-10
1.51E+00	3.41E-01	1.37E+01	2.98E+00	8.67E+00	1.80E+00	6.42E+00	1.36E+00	3.73E+00	8.15E-01	2.16E+00	5.05E-01	1.27E+00	2.90E-01	1.27E-01	2.61E-02	7.87E-10	1.64E-10
1.61E+00	2.95E-01	1.16E+01	2.80E+00	7.34E+00	1.72E+00	5.42E+00	1.28E+00	3.17E+00	8.17E-01	1.85E+00	4.41E-01	1.06E+00	2.51E-01	1.08E-01	2.47E-02	6.65E-10	1.55E-10
1.88E+00	3.07E-01	1.42E+01	2.83E+00	9.14E+00	1.73E+00	6.70E+00	1.30E+00	4.14E+00	7.99E-01	2.00E+00	4.67E-01	1.16E+00	2.68E-01	1.33E-01	2.49E-02	8.32E-10	1.56E-10
1.69E+00	2.50E-01	1.57E+01	2.01E+00	1.02E+01	1.22E+00	7.50E+00	9.23E-01	4.38E+00	5.61E-01	2.07E+00	3.51E-01	1.21E+00	2.02E-01	1.49E-01	1.76E-02	9.32E-10	1.10E-10
1.69E+00	1.67E-01	1.57E+01	1.66E+00	1.01E+01	1.05E+00	7.48E+00	7.71E-01	4.30E+00	4.94E-01	2.08E+00	2.23E-01	1.21E+00	1.29E-01	1.49E-01	1.51E-02	9.30E-10	9.48E-11
1.83E+00	2.26E-01	1.53E+01	1.72E+00	9.85E+00	1.06E+00	7.29E+00	7.80E-01	4.12E+00	5.31E-01	2.01E+00	2.65E-01	1.18E+00	1.48E-01	1.45E-01	1.50E-02	9.07E-10	9.46E-11
1.90E+00	2.47E-01	1.46E+01	1.43E+00	9.39E+00	8.48E-01	6.97E+00	6.30E-01	3.82E+00	4.47E-01	1.89E+00	2.72E-01	1.11E+00	1.55E-01	1.39E-01	1.18E-02	8.68E-10	7.44E-11
1.83E+00	2.27E-01	1.36E+01	1.07E+00	8.74E+00	6.78E-01	6.51E+00	5.05E-01	3.42E+00	2.93E-01	1.74E+00	2.22E-01	1.03E+00	1.22E-01	1.31E-01	1.01E-02	8.11E-10	6.27E-11
1.66E+00	2.05E-01	1.22E+01	1.27E+00	7.86E+00	8.02E-01	5.89E+00	5.97E-01	2.94E+00	3.58E-01	1.71E+00	1.76E-01	9.31E-01	1.04E-01	1.18E-01	1.17E-02	7.34E-10	7.32E-11
1.18E+00	1.38E-01	1.05E+01	1.39E+00	6.74E+00	8.72E-01	5.08E+00	6.50E-01	2.54E+00	3.83E-01	1.39E+00	1.88E-01	8.26E-01	1.11E-01	1.03E-01	1.27E-02	6.34E-10	7.99E-11
1.03E+00	1.32E-01	9.21E+00	1.50E+00	5.88E+00	9.44E-01	4.31E+00	7.05E-01	2.46E+00	4.09E-01	1.38E+00	2.06E-01	8.15E-01	1.22E-01	8.69E-02	1.38E-02	5.27E-10	8.66E-11
9.61E-01	1.27E-01	8.80E+00	1.54E+00	5.60E+00	9.64E-01	4.11E+00	7.23E-01	2.53E+00	4.13E-01	1.35E+00	2.16E-01	7.96E-01	1.28E-01	8.28E-02	1.41E-02	5.01E-10	8.87E-11
9.37E-01	1.28E-01	8.67E+00	1.54E+00	5.55E+00	9.54E-01	4.03E+00	7.19E-01	2.62E+00	4.06E-01	1.33E+00	2.20E-01	7.89E-01	1.31E-01	7.98E-02	1.40E-02	4.93E-10	8.79E-11
1.16E+00	1.68E-01	8.50E+00	1.52E+00	5.47E+00	9.41E-01	3.94E+00	7.12E-01	2.62E+00	3.97E-01	1.31E+00	2.30E-01	7.60E-01	1.33E-01	7.83E-02	1.38E-02	4.82E-10	8.68E-11
1.14E+00	1.88E-01	8.11E+00	1.38E+00	5.23E+00	8.46E-01	3.76E+00	6.42E-01	2.51E+00	3.64E-01	1.20E+00	2.39E-01	7.07E-01	1.34E-01	7.49E-02	1.25E-02	4.59E-10	7.81E-11
9.69E-01	1.70E-01	7.69E+00	1.18E+00	4.96E+00	7.21E-01	3.56E+00	5.50E-01	2.39E+00	3.02E-01	1.14E+00	2.02E-01	6.50E-01	1.13E-01	7.11E-02	1.06E-02	4.35E-10	6.66E-11
1.16E+00	2.01E-01	7.46E+00	1.10E+00	4.69E+00	6.47E-01	3.36E+00	4.95E-01	2.55E+00	3.28E-01	1.36E+00	2.36E-01	7.62E-01	1.32E-01	6.72E-02	9.53E-03	4.10E-10	5.97E-11
2.36E+00	2.94E-01	1.96E+01	2.29E+00	1.28E+01	1.48E+00	9.20E+00	1.08E+00	6.26E+00	6.81E-01	2.39E+00	3.17E-01	1.39E+00	1.84E-01	1.82E-01	2.13E-02	1.14E-09	1.34E-10
2.15E+00	2.50E-01	1.20E+01	1.92E+00	7.76E+00	1.18E+00	5.62E+00	8.81E-01	4.37E+00	5.51E-01	1.82E+00	3.26E-01	1.03E+00	1.87E-01	1.11E-01	1.69E-02	6.97E-10	1.06E-10
2.26E+00	2.43E-01	9.84E+00	1.90E+00	6.37E+00	1.16E+00	4.65E+00	8.69E-01	3.00E+00	5.44E-01	1.51E+00	3.36E-01	8.45E-01	1.93E-01	9.19E-02	1.66E-02	5.77E-10	1.04E-10
2.30E+00	2.60E-01	1.61E+01	1.92E+00	1.01E+01	1.16E+00	8.02E+00	8.77E-01	3.41E+00	5.45E-01	1.72E+00	3.49E-01	1.21E+00	2.00E-01	1.62E-01	1.67E-02	1.01E-09	1.04E-10
1.89E+00	2.64E-01	1.67E+01	1.89E+00	1.04E+01	1.13E+00	8.29E+00	8.58E-01	3.23E+00	5.28E-01	1.87E+00	3.49E-01	1.30E+00	1.99E-01	1.67E-01	1.63E-02	1.04E-09	1.02E-10
1.74E+00	2.44E-01	1.03E+01	1.65E+00	6.28E+00	9.85E-01	5.02E+00	7.48E-01	2.45E+00	4.54E-01	1.30E+00	3.08E-01	8.70E-01	1.76E-01	1.00E-01	1.42E-02	6.23E-10	8.88E-11
1.71E+00	2.58E-01	7.85E+00	1.68E+00	4.92E+00	1.00E+00	3.90E+00	7.61E-01	2.17E+00	4.80E-01	1.23E+00	3.23E-01	6.97E-01	1.84E-01	7.81E-02	1.44E-02	4.91E-10	8.98E-11
1.56E+00	2.79E-01	8.51E+00	1.95E+00	5.36E+00	1.17E+00	4.20E+00	8.90E-01	2.42E+00	5.49E-01	1.33E+00	3.64E-01	7.59E-01	2.09E-01	8.40E-02	1.69E-02	5.28E-10	1.06E-10
1.91E+00	2.98E-01	9.83E+00	2.47E+00	6.28E+00	1.54E+00	4.73E+00	1.14E+00	2.59E+00	7.36E-01	1.70E+00	4.14E-01	9.39E-01	2.38E-01	9.39E-02	2.21E-02	5.90E-10	1.39E-10
2.34E+00	3.71E-01	1.23E+01	2.86E+00	7.50E+00	1.77E+00	5.94E+00	1.32E+00	3.08E+00	8.51E-01	1.69E+00	4.70E-01	1.08E+00	2.69E-01	1.16E-01	2.52E-02	7.31E-10	1.58E-10

Scenario 2 Results

2.44E+00	4.29E-01	1.64E+01	3.14E+00	9.79E+00	1.90E+00	8.11E+00	1.43E+00	3.44E+00	9.12E-01	3.02E+00	5.57E-01	1.93E+00	3.17E-01	1.54E-01	2.73E-02	9.68E-10	1.71E-10
3.13E+00	4.54E-01	1.13E+01	3.44E+00	7.09E+00	2.13E+00	5.67E+00	1.59E+00	2.99E+00	9.49E-01	2.93E+00	5.61E-01	1.83E+00	3.18E-01	1.13E-01	3.09E-02	7.14E-10	1.94E-10
3.28E+00	4.03E-01	1.06E+01	3.27E+00	6.56E+00	2.03E+00	4.88E+00	1.52E+00	3.11E+00	9.09E-01	2.09E+00	4.87E-01	1.21E+00	2.84E-01	9.40E-02	2.95E-02	5.90E-10	1.85E-10
1.91E+00	3.92E-01	1.03E+01	2.86E+00	6.36E+00	1.77E+00	4.76E+00	1.32E+00	2.92E+00	7.94E-01	1.60E+00	4.42E-01	9.19E-01	2.53E-01	9.21E-02	2.56E-02	5.78E-10	1.61E-10
2.39E+00	4.71E-01	1.07E+01	2.29E+00	6.65E+00	1.40E+00	4.93E+00	1.05E+00	3.24E+00	6.51E-01	1.89E+00	5.05E-01	1.06E+00	2.90E-01	9.52E-02	2.02E-02	5.97E-10	1.27E-10
1.52E+00	4.16E-01	1.10E+01	2.12E+00	6.59E+00	1.31E+00	4.96E+00	9.77E-01	3.21E+00	6.05E-01	1.96E+00	4.03E-01	1.10E+00	2.31E-01	9.44E-02	1.88E-02	5.93E-10	1.18E-10
1.57E+00	3.10E-01	1.12E+01	2.04E+00	6.92E+00	1.25E+00	5.13E+00	9.33E-01	3.32E+00	5.88E-01	1.88E+00	3.55E-01	1.07E+00	2.01E-01	9.89E-02	1.79E-02	6.20E-10	1.12E-10
1.74E+00	3.59E-01	1.47E+01	2.23E+00	9.29E+00	1.36E+00	6.91E+00	1.02E+00	4.17E+00	6.37E-01	2.05E+00	3.66E-01	1.22E+00	2.08E-01	1.35E-01	1.96E-02	8.46E-10	1.23E-10
1.71E+00	3.06E-01	1.56E+01	2.07E+00	9.77E+00	1.28E+00	7.44E+00	9.53E-01	3.74E+00	6.73E-01	2.00E+00	3.66E-01	1.23E+00	1.98E-01	1.47E-01	1.84E-02	9.19E-10	1.16E-10
1.90E+00	6.52E-01	1.14E+01	4.30E+00	7.01E+00	2.57E+00	5.17E+00	1.93E+00	3.62E+00	1.29E+00	2.03E+00	8.17E-01	1.13E+00	4.57E-01	9.95E-02	3.62E-02	6.25E-10	2.28E-10
1.69E+00	4.85E-01	1.22E+01	4.19E+00	7.50E+00	2.56E+00	5.53E+00	1.91E+00	3.76E+00	1.20E+00	2.05E+00	7.10E-01	1.11E+00	4.12E-01	1.06E-01	3.67E-02	6.68E-10	2.31E-10
1.89E+00	4.04E-01	1.34E+01	2.58E+00	8.46E+00	1.57E+00	6.19E+00	1.20E+00	4.14E+00	6.89E-01	2.04E+00	4.22E-01	1.17E+00	2.41E-01	1.20E-01	2.34E-02	7.52E-10	1.47E-10
1.71E+00	4.54E-01	2.05E+01	3.08E+00	1.29E+01	1.87E+00	9.67E+00	1.38E+00	5.47E+00	9.58E-01	2.73E+00	5.52E-01	1.64E+00	3.10E-01	1.90E-01	2.62E-02	1.19E-09	1.65E-10
1.90E+00	4.41E-01	1.34E+01	3.35E+00	8.38E+00	1.98E+00	6.40E+00	1.53E+00	3.94E+00	8.32E-01	2.08E+00	6.05E-01	1.19E+00	3.51E-01	1.27E-01	2.90E-02	7.92E-10	1.83E-10
2.00E+00	3.59E-01	2.75E+01	2.55E+00	1.72E+01	1.54E+00	1.28E+01	1.18E+00	7.58E+00	7.77E-01	3.95E+00	4.56E-01	2.33E+00	2.65E-01	2.52E-01	2.26E-02	1.57E-09	1.42E-10
5.67E+00	5.64E-01	2.11E+01	3.92E+00	1.31E+01	2.32E+00	9.77E+00	1.76E+00	5.92E+00	1.08E+00	3.24E+00	7.38E-01	1.89E+00	4.18E-01	1.90E-01	3.33E-02	1.19E-09	2.09E-10
2.01E+00	5.57E-01	2.00E+01	3.96E+00	1.26E+01	2.30E+00	9.46E+00	1.80E+00	5.24E+00	9.51E-01	2.69E+00	7.43E-01	1.63E+00	4.31E-01	1.86E-01	3.41E-02	1.16E-09	2.14E-10
2.27E+00	4.06E-01	2.13E+01	3.47E+00	1.34E+01	2.05E+00	9.96E+00	1.60E+00	5.89E+00	7.97E-01	2.97E+00	5.98E-01	1.75E+00	3.54E-01	1.95E-01	3.07E-02	1.22E-09	1.93E-10
3.67E+00	4.31E-01	2.00E+01	3.08E+00	1.26E+01	1.83E+00	9.34E+00	1.39E+00	5.19E+00	8.48E-01	2.77E+00	5.72E-01	1.64E+00	3.25E-01	1.83E-01	2.64E-02	1.15E-09	1.66E-10
2.16E+00	3.00E-01	1.87E+01	1.86E+00	1.17E+01	1.09E+00	8.77E+00	8.24E-01	5.11E+00	5.27E-01	2.67E+00	3.61E-01	1.56E+00	2.01E-01	1.72E-01	1.55E-02	1.08E-09	9.75E-11
2.02E+00	3.19E-01	2.24E+01	2.67E+00	1.42E+01	1.62E+00	1.04E+01	1.22E+00	6.92E+00	7.60E-01	3.17E+00	4.36E-01	1.82E+00	2.48E-01	2.02E-01	2.33E-02	1.27E-09	1.47E-10
2.49E+00	3.64E-01	3.09E+01	3.08E+00	1.92E+01	1.84E+00	1.44E+01	1.40E+00	8.16E+00	8.17E-01	4.43E+00	5.27E-01	2.62E+00	3.04E-01	2.82E-01	2.68E-02	1.77E-09	1.69E-10
2.46E+00	3.38E-01	2.13E+01	2.40E+00	1.30E+01	1.41E+00	9.97E+00	1.10E+00	5.18E+00	6.01E-01	3.34E+00	4.45E-01	2.00E+00	2.58E-01	1.93E-01	2.08E-02	1.21E-09	1.30E-10
1.76E+00	2.16E-01	1.59E+01	1.65E+00	9.95E+00	1.00E+00	7.40E+00	7.54E-01	4.44E+00	5.01E-01	2.21E+00	2.95E-01	1.30E+00	1.71E-01	1.45E-01	1.43E-02	9.07E-10	9.00E-11
1.41E+00	2.29E-01	1.78E+01	2.20E+00	1.10E+01	1.36E+00	8.29E+00	1.01E+00	4.78E+00	6.43E-01	2.61E+00	3.37E-01	1.54E+00	1.92E-01	1.61E-01	1.95E-02	1.01E-09	1.23E-10
1.42E+00	2.98E-01	1.37E+01	3.06E+00	8.33E+00	1.87E+00	6.33E+00	1.40E+00	3.61E+00	8.43E-01	2.19E+00	4.85E-01	1.28E+00	2.79E-01	1.22E-01	2.71E-02	7.66E-10	1.70E-10
2.17E+00	3.88E-01	1.20E+01	2.54E+00	7.61E+00	1.53E+00	5.61E+00	1.17E+00	3.34E+00	7.09E-01	1.90E+00	4.35E-01	1.10E+00	2.53E-01	1.12E-01	2.23E-02	6.89E-10	1.40E-10
1.91E+00	2.68E-01	1.06E+01	2.79E+00	6.89E+00	1.71E+00	4.97E+00	1.28E+00	3.37E+00	7.90E-01	1.87E+00	4.39E-01	9.96E-01	2.53E-01	9.81E-02	2.47E-02	6.15E-10	1.55E-10
1.62E+00	2.48E-01	1.20E+01	2.30E+00	7.78E+00	1.41E+00	5.67E+00	1.06E+00	3.58E+00	6.42E-01	1.56E+00	3.79E-01	9.12E-01	2.19E-01	1.12E-01	2.03E-02	7.04E-10	1.28E-10
1.45E+00	1.96E-01	1.26E+01	1.65E+00	8.15E+00	1.00E+00	5.98E+00	7.57E-01	3.61E+00	4.55E-01	1.71E+00	2.82E-01	9.62E-01	1.63E-01	1.19E-01	1.45E-02	7.42E-10	9.08E-11
1.53E+00	1.83E-01	1.27E+01	1.82E+00	8.20E+00	1.16E+00	6.04E+00	8.54E-01	3.50E+00	5.26E-01	1.81E+00	2.38E-01	1.01E+00	1.40E-01	1.20E-01	1.68E-02	7.51E-10	1.05E-10
1.46E+00	1.84E-01	1.24E+01	1.58E+00	8.00E+00	9.87E-01	5.93E+00	7.27E-01	3.27E+00	4.76E-01	1.54E+00	2.31E-01	8.86E-01	1.31E-01	1.19E-01	1.41E-02	7.38E-10	8.86E-11
1.32E+00	2.09E-01	1.17E+01	1.40E+00	7.56E+00	8.50E-01	5.63E+00	6.29E-01	2.94E+00	4.30E-01	1.34E+00	2.39E-01	8.42E-01	1.33E-01	1.13E-01	1.20E-02	7.03E-10	7.53E-11
1.40E+00	1.79E-01	1.06E+01	9.66E-01	6.82E+00	5.60E-01	5.11E+00	4.21E-01	2.51E+00	2.96E-01	1.37E+00	2.01E-01	7.76E-01	1.10E-01	1.03E-01	8.00E-03	6.38E-10	4.91E-11
1.13E+00	1.56E-01	9.01E+00	8.78E-01	5.80E+00	5.55E-01	4.37E+00	4.11E-01	2.11E+00	2.51E-01	1.07E+00	1.49E-01	6.57E-01	8.10E-02	8.84E-02	8.04E-03	5.47E-10	5.04E-11
1.05E+00	1.39E-01	7.76E+00	1.05E+00	5.00E+00	6.62E-01	3.65E+00	4.92E-01	2.13E+00	2.95E-01	1.10E+00	1.42E-01	6.55E-01	8.38E-02	7.36E-02	9.63E-03	4.47E-10	6.04E-11
1.14E+00	1.24E-01	7.68E+00	1.21E+00	4.93E+00	7.62E-01	3.60E+00	5.67E-01	2.10E+00	3.36E-01	1.11E+00	1.63E-01	6.60E-01	9.67E-02	7.33E-02	1.11E-02	4.45E-10	6.97E-11
1.22E+00	1.27E-01	7.88E+00	1.31E+00	5.05E+00	8.24E-01	3.73E+00	6.15E-01	2.15E+00	3.59E-01	1.11E+00	1.79E-01	6.54E-01	1.06E-01	7.43E-02	1.21E-02	4.60E-10	7.56E-11
1.23E+00	1.26E-01	7.98E+00	1.35E+00	5.13E+00	8.47E-01	3.76E+00	6.34E-01	2.27E+00	3.65E-01	1.10E+00	1.88E-01	6.40E-01	1.12E-01	7.49E-02	1.24E-02	4.63E-10	7.78E-11
1.05E+00	1.13E-01	7.93E+00	1.29E+00	5.12E+00	8.06E-01	3.72E+00	6.05E-01	2.32E+00	3.45E-01	1.07E+00	1.84E-01	6.31E-01	1.09E-01	7.43E-02	1.18E-02	4.58E-10	7.41E-11
1.11E+00	1.36E-01	7.84E+00	1.26E+00	5.07E+00	7.80E-01	3.67E+00	5.88E-01	2.35E+00	3.31E-01	1.08E+00	1.87E-01	6.27E-01	1.09E-01	7.34E-02	1.15E-02	4.51E-10	7.18E-11
2.26E+00	2.42E-01	1.93E+01	2.05E+00	1.25E+01	1.33E+00	9.15E+00	9.61E-01	5.69E+00	6.47E-01	2.29E+00	3.50E-01	1.37E+00	2.01E-01	1.81E-01	1.90E-02	1.14E-09	1.19E-10
2.23E+00	2.45E-01	1.54E+01	1.85E+00	9.99E+00	1.12E+00	7.24E+00	8.43E-01	4.78E+00	5.19E-01	1.86E+00	3.34E-01	1.09E+00	1.91E-01	1.43E-01	1.61E-02	8.98E-10	1.01E-10
2.14E+00	2.39E-01	1.24E+01	1.66E+00	8.03E+00	9.97E-01	5.85E+00	7.55E-01	3.74E+00	4.59E-01	1.82E+00	3.07E-01	1.01E+00	1.76E-01	1.16E-01	1.44E-02	7.26E-10	8.97E-11
2.25E+00	2.58E-01	1.71E+01	1.63E+00	1.07E+01	9.78E-01	8.49E+00	7.40E-01	3.49E+00	4.71E-01	1.84E+00	3.19E-01	1.30E+00	1.81E-01	1.72E-01	1.47E-02	1.07E-09	9.18E-11
2.29E+00	2.76E-01	1.66E+01	1.85E+00	1.03E+01	1.17E+00	8.20E+00	8.70E-01	3.27E+00	5.26E-01	1.90E+00	3.47E-01	1.31E+00	1.98E-01	1.65E-01	1.71E-02	1.03E-09	1.07E-10
1.71E+00	2.69E-01	1.20E+01	2.18E+00	7.57E+00	1.37E+00	5.86E+00	1.02E+00	2.94E+00	6.37E-01	1.70E+00	3.56E-01	9.48E-01	2.04E-01	1.17E-01	1.98E-02	7.35E-10	1.24E-10
1.86E+00	2.60E-01	1.08E+01	2.43E+00	6.89E+00	1.52E+00	5.23E+00	1.13E+00	2.71E+00	7.22E-01	1.62E+00	3.69E-01	8.90E-01	2.13E-01	1.04E-01	2.18E-02	6.53E-10	1.37E-10
2.18E+00	3.42E-01	1.18E+01	2.65E+00	7.27E+00	1.64E+00	5.73E+00	1.22E+00	3.11E+00	7.85E-01	1.52E+00	4.31E-01	9.83E-01	2.47E-01	1.13E-01	2.34E-02	7.09E-10	1.47E-10
2.32E+00	3.97E-01	1.56E+01	2.79E+00	9.39E+00	1.69E+00	7.65E+00	1.27E+00	3.12E+00	8.10E-01	2.54E+00	4.91E-01	1.63E+00	2.79E-01	1.48E-01	2.42E-02	9.27E-10	1.52E-10
2.83E+00	4.13E-01	1.30E+01	3.05E+00	8.15E+00	1.89E+00	6.52E+00	1.41E+00	3.47E+00	8.34E-01	2.89E+00	5.01E-01	1.82E+00	2.84E-01	1.31E-01	2.75E-02	8.21E-10	1.72E-10
3.31E+00	4.50E-01	1.56E+01	3.37E+00	1.01E+01	2.10E+00	7.33E+00	1.57E+00	4.90E+00	9.36E-01	2.21E+00	4.84E-01	1.34E+00	2.84E-01	1.46E-01	3.06E-02	9.18E-10	1.92E-10
3.68E+00	5.55E-01	1.45E+01	3.39E+00	9.34E+00	2.12E+00	6.90E+00	1.57E+00	4.65E+00	1.05E+00	2.33E+00	5.62E-01	1.35E+00	3.21E-01	1.38E-01	3.05E-02	8.68E-10	1.92E-10
2.63E+00	4.66E-01	9.95E+00	3.01E+00	6.36E+00	1.87E+00	4.59E+00	1.39E+00	3.24E+00	8.61E-01	1.83E+00	5.40E-01	1.01E+00	3.10E-01	8.96E-02	2.69E-02	5.64E-10	1.69E-10
2.49E+00	5.14E-01	1.08E+01	2.43E+00	6.63E+00	1.53E+00	4.96E+00	1.13E+00	3.09E+00	7.15E-01	1.84E+00	5.16E-01	1.04E+00	2.95E-01	9.55E-02	2.20E-02	6.00E-10	1.38E-10
1.84E+00	4.17E-01	1.11E+01	2.07E+00	6.68E+00	1.26E+00	5.05E+00	9.48E-01	3.07E+00	5.89E-01	1.86E+00	3.75E-01	1.06E+00	2.13E-01	9.68E-02	1.82E-02	6.08E-10	1.14E-10
1.70E+00	3.14E-01	1.05E+01	1.94E+00	6.46E+00	1.19E+00	4.83E+00	8.92E-01	3.09E+00	5.55E-01	1.72E+00	3.39E-01	9.93E-01	1.90E-01	9.29E-02	1.72E-02	5.83E-10	1.08E-10
2.62E+00	4.78E-01	1.31E+01	2.30E+00	8.33E+00	1.42E+00	6.14E+00	1.05E+00	3.90E+00	6.81E-01	1.83E+00	4.51E-01	1.07E+00	2.55E-01	1.20E-01	2.03E-02	7.51E-10	1.27E-10
2.19E+00	4.04E-01	1.63E+01	2.17E+00	1.02E+01	1.36E+00	7.73E+00	9.99E-01	4.09E+00	6.76E-01	2.10E+00	3.50E-01	1.29E+00	1.91E-01	1.52E-01	1.94E-02	9.54E-10	1.22E-10
2.59E+00	5.65E-01	1.16E+01	4.03E+00	7.18E+00	2.44E+00	5.54E+00	1.82E+00	3.31E+00	1.23E+00	1.89E+00	7.37E-01	1.07E+00	4.13E-01	1.10E-01	3.44E-02	6.87E-10	2.16E-10
1.51E+00	5.89E-01	1.09E+01	4.11E+00	6.71E+00	2.42E+00	5.03E+00	1.87E+00	3.48E+00	1.09E+00	1.90E+00	7.73E-01	1.08E+00	4.46E-01	9.76E-02	3.54E-02	6.13E-10	2.22E-10
1.56E+00	3.32E-01	1.06E+01	2.91E+00	6.47E+00	1.78E+00	4.77E+00	1.35E+00	3.33E+00	7.73E-01	1.82E+00	4.49E-01	1.02E+00	2.62E-01	9.16E-02	2.61E-02	5.75E-10	1.64E-10
1.41E+00	3.31E-01	1.58E+01	2.30E+00	1.00E+01	1.38E+00	7.34E+00	1.05E+00	4.61E+00	6.15E-01	2.23E+00	3.94E-01	1.30E+00	2.23E-01	1.44E-01	2.01E-02	8.99E-10	1.26E-10
1.54E+00	3.77E-01	1.77E+01	2.94E+00	1.12E+01	1.77E+00	8.38E+00	1.33E+00	4.54E+00	8.48E-01	2.32E+00	5.21E-01	1.41E+00	2.95E-01	1.66E-01	2.53E-02	1.03E-09	1.59E-10
1.81E+00	3.64E-01	1.47E+01	2.64E+00	9.26E+00	1.58E+00	6.82E+00	1.21E+00	4.18E+00	6.98E-01	2.19E+00	4.85E-01	1.27E+00	2.82E-01	1.35E-01	2.30E-02	8.31E-10	1.44E-10
1.80E+00	4.08E-01	2.53E+01	2.80E+00	1.60E+01	1.69E+00	1.18E+01	1.25E+00	6.97E+00	9.01E-01	3.64E+00	5.24E-01	2.15E+00	2.88E-01	2.33E-01	2.35E-02	1.45E-09	1.48E-10
7.94E+00	5.07E-01	1.80E+01	3.69E+00	1.12E+01	2.20E+00	8.28E+00	1.67E+00	5.19E+00	1.02E+00	4.53E+00	6.80E-01	2.48E+00	3.86E-01	1.62E-01	3.16E-02	1.00E-09	1.99E-10
1.56E+00	4.92E-01	1.82E+01	3.70E+00	1.15E+01	2.17E+00	8.65E+00	1.68E+00	4.81E+00	8.99E-01	2.44E+00	6.74E-01	1.47E+00	3.90E-01	1.70E-01	3.20E-02	1.07E-09	2.01E-10
2.32E+00	4.14E-01	1.76E+01	3.63E+00	1.11E+01	2.17E+00	8.21E+00	1.67E+00	5.09E+00	8.94E-01	2.72E+00	6.18E-01	1.60E+00	3.61E-01	1.61E-01	3.21E-02	1.01E-09	2.01E-10
4.12E+00	3.87E-01	1.88E+01	3.05E+00	1.16E+01	1.84E+00	8.74E+00	1.37E+00	4.87E+00	9.12E-01	2.65E+00	5.40E-01	1.56E+00	3.02E-01	1.71E-01	2.61E-02	1.07E-09	1.64E-10
2.54E+00	3.45E-01	2.06E+01	2.04E+00	1.29E+01	1.18E+00	9.65E+00	9.26E-01	4.58E+00	5.14E-01	2.79E+00	4.15E-01	1.68E+00	2.40E-01	1.90E-01	1.73E-02	1.19E-09	1.09E-10
2.66E+00	3.27E-01	1.69E+01	1.96E+00	1.05E+01	1.14E+00	7.83E+00	8.72E-01	4.67E+00	5.38E-01	2.49E+00	3.98E-01	1.46E+00	2.24E-01	1.53E-01	1.63E-02	9.56E-10	1.02E-10
1.66E+00	3.41E-01	2.08E+01	2.63E+00	1.32E+01	1.60E+00	9.67E+00	1.20E+00	6.21E+00	7.31E-01	2.90E+00	4.32E-01	1.67E+00	2.47E-01	1.89E-01	2.30E-02	1.19E-09	1.45E-10
2.41E+00	3.22E-01	2.57E+01	2.71E+00	1.60E+01	1.62E+00	1.20E+01	1.24E+00	6.79E+00	7.09E-01	3.69E+00	4.65E-01	2.19E+00	2.69E-01	2.35E-01	2.36E-02	1.47E-09	1.49E-10
2.04E+00	2.83E-01	1.81E+01	1.91E+00	1.10E+01	1.13E+00	8.44E+00	8.72E-01	4.43E+00	4.77E-01	2.85E+00	3.49E-01	1.70E+00	2.03E-01	1.64E-01	1.65E-02	1.02E-09	1.04E-10
1.56E+00	1.87E-01	1.51E+01	1.40E+00	9.34E+00	8.38E-01	6.60E+00	6.42E-01	3.75E+00	4.15E-01	2.31E+00	2.47E-01	1.37E+00	1.43E-01	1.37E-01	1.22E-02	8.25E-10	7.69E-11
1.49E+00	2.01E-01	1.59E+01	2.01E+00	9.85E+00	1.26E+00	7.38E+00	9.33E-01	4.31E+00	5.89E-01	2.32E+00	3.06E-01	1.36E+00	1.74E-01	1.44E-01	1.82E-02	9.01E-10	1.14E-10
1.65E+00	2.69E-01	1.37E+01	2.86E+00	8.40E+00	1.76E+00	6.36E+00	1.32E+00	3.61E+00	7.93E-01	2.17E+00	4.35E-01	1.27E+00	2.52E-01	1.23E-01	2.55E-02	7.71E-10	1.60E-10
2.12E+00	3.63E-01	1.20E+01	2.55E+00	7.40E+00	1.55E+00	5.54E+00	1.18E+00	3.34E+00	6.87E-01	1.85E+00	4.17E-01	1.07E+00	2.42E-01	1.07E-01	2.26E-02	6.73E-10	1.42E-10
1.59E+00	2.57E-01	1.04E+01	2.17E+00	6.63E+00	1.34E+00	4.88E+00	9.98E-01	2.85E+00	6.20E-01	1.43E+00	3.35E-01	8.50E-01	1.92E-01	9.73E-02	1.93E-02	5.99E-10	1.21E-10
1.29E+00	2.11E-01	9.07E+00	2.11E+00	5.68E+00	1.30E+00	4.21E+00	9.73E-01	2.49E+00	5.94E-01	1.35E+00	3.38E-01	7.86E-01	1.95E-01	8.33E-02	1.87E-02	5.16E-10	1.18E-10
1.39E+00	1.89E-01	9.52E+00	1.75E+00	6.15E+00	1.07E+00	4.54E+00	8.05E-01	2.59E+00	4.86E-01	1.35E+00	2.88E-01	7.90E-01	1.67E-01	9.05E-02	1.55E-02	5.65E-10	9.70E-11
1.21E+00	1.46E-01	9.92E+00	1.23E+00	6.40E+00	7.46E-01	4.75E+00	5.65E-01	2.59E+00	3.40E-01	1.47E+00	2.10E-01	8.33E-01	1.21E-01	9.50E-02	1.08E-02	5.92E-10	6.77E-11
1.29E+00	1.24E-01	9.93E+00	1.47E+00	6.39E+00	9.33E-01	4.78E+00	6.91E-01	2.46E+00	4.17E-01	1.60E+00	1.89E-01	9.04E-01	1.12E-01	9.58E-02	1.36E-02	5.96E-10	8.53E-11
1.31E+00	1.72E-01	9.45E+00	1.57E+00	6.08E+00	9.85E-01	4.57E+00	7.27E-01	2.23E+00	4.61E-01	1.47E+00	2.19E-01	8.22E-01	1.26E-01	9.19E-02	1.42E-02	5.70E-10	8.91E-11
1.15E+00	1.50E-01	8.44E+00	1.26E+00	5.43E+00	7.79E-01	4.10E+00	5.76E-01	1.91E+00	3.81E-01	1.19E+00	1.99E-01	6.67E-01	1.12E-01	8.28E-02	1.11E-02	5.13E-10	6.97E-11
1.01E+00	1.41E-01	8.01E+00	1.01E+00	4.84E+00	6.04E-01	3.88E+00	4.50E-01	1.90E+00	3.06E-01	1.10E+00	1.83E-01	7.14E-01	1.02E-01	7.61E-02	8.51E-03	4.77E-10	5.34E-11
1.10E+00	1.51E-01	7.41E+00	7.69E-01	4.73E+00	4.42E-01	3.58E+00	3.35E-01	1.90E+00	2.32E-01	1.10E+00	1.65E-01	6.72E-01	9.05E-02	7.04E-02	6.47E-03	4.40E-10	3.94E-11
9.37E-01	1.44E-01	7.35E+00	8.25E-01	4.77E+00	5.22E-01	3.52E+00	3.87E-01	1.88E+00	2.36E-01	9.97E-01	1.39E-01	5.80E-01	7.54E-02	7.20E-02	7.58E-03	4.37E-10	4.75E-11
8.96E-01	1.26E-01	6.84E+00	9.50E-01	4.42E+00	6.01E-01	3.28E+00	4.46E-01	1.92E+00	2.68E-01	1.05E+00	1.28E-01	5.74E-01	7.59E-02	6.73E-02	8.74E-03	4.09E-10	5.48E-11
9.86E-01	1.07E-01	6.85E+00	1.04E+00	4.46E+00	6.54E-01	3.23E+00	4.86E-01	1.94E+00	2.88E-01	1.01E+00	1.40E-01	5.53E-01	8.31E-02	6.54E-02	9.54E-03	4.00E-10	5.98E-11
1.14E+00	1.08E-01	7.05E+00	1.10E+00	4.52E+00	6.95E-01	3.36E+00	5.19E-01	1.96E+00	3.03E-01	1.09E+00	1.51E-01	5.96E-01	8.99E-02	6.73E-02	1.02E-02	4.16E-10	6.37E-11
2.32E+00	2.25E-01	1.78E+01	2.00E+00	1.15E+01	1.26E+00	8.41E+00	9.77E-01	5.27E+00	5.48E-01	2.35E+00	2.98E-01	1.30E+00	1.69E-01	1.67E-01	1.96E-02	1.04E-09	1.22E-10
2.27E+00	2.44E-01	2.13E+01	2.39E+00	1.34E+01	1.51E+00	1.06E+01	1.16E+00	5.02E+00	5.28E-01	2.31E+00	3.18E-01	1.54E+00	1.84E-01	2.13E-01	2.31E-02	1.33E-09	1.45E-10
2.27E+00	2.54E-01	1.98E+01	2.24E+00	1.25E+01	1.42E+00	9.77E+00	1.06E+00	4.48E+00	6.33E-01	2.09E+00	3.29E-01	1.43E+00	1.88E-01	1.96E-01	2.10E-02	1.23E-09	1.31E-10

Scenario 2 Results

1.79E+00	2.53E-01	1.81E+01	2.55E+00	1.13E+01	1.62E+00	9.00E+00	1.19E+00	4.18E+00	7.45E-01	2.08E+00	3.56E-01	1.40E+00	2.08E-01	1.82E-01	2.34E-02	1.13E-09	1.46E-10
2.48E+00	3.34E-01	2.14E+01	2.95E+00	1.36E+01	1.85E+00	1.04E+01	1.37E+00	5.25E+00	8.75E-01	2.34E+00	4.32E-01	1.52E+00	2.50E-01	2.07E-01	2.72E-02	1.30E-09	1.71E-10
2.55E+00	3.92E-01	1.72E+01	2.83E+00	1.09E+01	1.80E+00	8.36E+00	1.35E+00	4.41E+00	8.26E-01	2.11E+00	4.43E-01	1.22E+00	2.54E-01	1.67E-01	2.68E-02	1.05E-09	1.68E-10
2.14E+00	3.67E-01	1.42E+01	2.48E+00	8.67E+00	1.51E+00	6.99E+00	1.13E+00	3.11E+00	7.22E-01	2.11E+00	4.35E-01	1.37E+00	2.47E-01	1.36E-01	2.16E-02	8.55E-10	1.35E-10
2.09E+00	3.29E-01	1.00E+01	2.49E+00	6.31E+00	1.55E+00	5.00E+00	1.16E+00	2.59E+00	6.80E-01	2.12E+00	4.12E-01	1.34E+00	2.34E-01	1.01E-01	2.26E-02	6.29E-10	1.41E-10
2.55E+00	3.76E-01	1.33E+01	2.84E+00	8.40E+00	1.78E+00	6.50E+00	1.32E+00	3.88E+00	7.86E-01	2.08E+00	4.10E-01	1.29E+00	2.41E-01	1.29E-01	2.59E-02	8.14E-10	1.62E-10
3.66E+00	5.11E-01	1.71E+01	3.38E+00	1.11E+01	2.17E+00	8.07E+00	1.60E+00	5.30E+00	1.02E+00	2.38E+00	5.30E-01	1.34E+00	3.05E-01	1.59E-01	3.17E-02	1.00E-09	1.99E-10
3.19E+00	5.69E-01	1.63E+01	3.60E+00	1.04E+01	2.25E+00	7.99E+00	1.68E+00	5.32E+00	1.08E+00	2.53E+00	5.80E-01	1.40E+00	3.31E-01	1.60E-01	3.27E-02	1.00E-09	2.05E-10
3.18E+00	5.42E-01	1.36E+01	3.43E+00	8.80E+00	2.13E+00	6.36E+00	1.59E+00	4.33E+00	1.00E+00	2.07E+00	5.83E-01	1.19E+00	3.33E-01	1.25E-01	3.07E-02	7.88E-10	1.93E-10
3.19E+00	6.40E-01	1.30E+01	2.78E+00	8.10E+00	1.76E+00	6.48E+00	1.29E+00	3.83E+00	8.31E-01	2.09E+00	5.40E-01	1.15E+00	3.08E-01	1.30E-01	2.52E-02	8.16E-10	1.58E-10
2.76E+00	5.04E-01	1.07E+01	2.15E+00	6.52E+00	1.33E+00	5.18E+00	9.92E-01	3.22E+00	6.31E-01	2.50E+00	4.49E-01	1.54E+00	2.51E-01	9.53E-02	1.92E-02	5.98E-10	1.20E-10
2.47E+00	4.13E-01	1.04E+01	2.05E+00	6.41E+00	1.21E+00	4.78E+00	9.12E-01	3.22E+00	6.09E-01	1.66E+00	4.00E-01	9.59E-01	2.22E-01	9.26E-02	1.71E-02	5.81E-10	1.07E-10
2.09E+00	4.65E-01	1.11E+01	2.08E+00	7.09E+00	1.29E+00	5.19E+00	9.55E-01	3.40E+00	6.21E-01	1.60E+00	4.25E-01	9.02E-01	2.41E-01	1.02E-01	1.85E-02	6.35E-10	1.16E-10
2.38E+00	4.71E-01	1.53E+01	2.32E+00	9.71E+00	1.47E+00	7.29E+00	1.07E+00	4.02E+00	7.29E-01	2.00E+00	3.68E-01	1.21E+00	2.12E-01	1.44E-01	2.08E-02	8.98E-10	1.31E-10
2.77E+00	4.73E-01	1.32E+01	3.73E+00	8.22E+00	2.27E+00	6.29E+00	1.69E+00	3.07E+00	1.15E+00	1.89E+00	6.51E-01	1.07E+00	3.66E-01	1.24E-01	3.21E-02	7.79E-10	2.02E-10
1.83E+00	6.45E-01	1.13E+01	4.08E+00	6.84E+00	2.40E+00	5.16E+00	1.85E+00	3.18E+00	1.06E+00	1.84E+00	7.93E-01	1.06E+00	4.56E-01	9.91E-02	3.48E-02	6.23E-10	2.19E-10
1.60E+00	3.79E-01	1.06E+01	3.11E+00	6.65E+00	1.91E+00	5.01E+00	1.43E+00	3.14E+00	8.55E-01	1.75E+00	4.82E-01	1.00E+00	2.79E-01	9.77E-02	2.77E-02	6.14E-10	1.74E-10
1.78E+00	3.73E-01	1.03E+01	1.97E+00	6.51E+00	1.20E+00	4.72E+00	9.01E-01	3.14E+00	5.60E-01	1.78E+00	3.32E-01	1.01E+00	1.91E-01	9.30E-02	1.73E-02	5.75E-10	1.08E-10
1.46E+00	3.31E-01	1.67E+01	2.21E+00	1.06E+01	1.35E+00	7.82E+00	9.98E-01	4.65E+00	6.80E-01	2.27E+00	4.10E-01	1.34E+00	2.33E-01	1.55E-01	1.90E-02	9.61E-10	1.19E-10
1.29E+00	3.38E-01	1.43E+01	2.70E+00	9.03E+00	1.62E+00	6.77E+00	1.23E+00	3.58E+00	7.30E-01	1.88E+00	4.74E-01	1.15E+00	2.72E-01	1.35E-01	2.34E-02	8.35E-10	1.47E-10
1.38E+00	3.14E-01	1.50E+01	2.42E+00	9.56E+00	1.44E+00	7.00E+00	1.09E+00	4.17E+00	6.49E-01	2.22E+00	4.33E-01	1.31E+00	2.47E-01	1.40E-01	2.08E-02	8.56E-10	1.31E-10
1.61E+00	3.80E-01	2.28E+01	2.78E+00	1.45E+01	1.67E+00	1.06E+01	1.25E+00	6.29E+00	8.40E-01	3.30E+00	5.06E-01	1.95E+00	2.83E-01	2.12E-01	2.37E-02	1.30E-09	1.49E-10
9.87E+00	4.55E-01	1.54E+01	3.30E+00	9.68E+00	1.97E+00	7.06E+00	1.50E+00	4.59E+00	9.16E-01	5.91E+00	5.95E-01	3.20E+00	3.39E-01	1.39E-01	2.84E-02	8.54E-10	1.78E-10
2.21E+00	4.59E-01	1.74E+01	3.70E+00	1.10E+01	2.19E+00	8.28E+00	1.69E+00	4.57E+00	9.28E-01	2.29E+00	6.51E-01	1.39E+00	3.77E-01	1.63E-01	3.22E-02	1.02E-09	2.03E-10
2.48E+00	3.91E-01	1.44E+01	3.53E+00	9.16E+00	2.12E+00	6.72E+00	1.62E+00	4.33E+00	9.17E-01	2.40E+00	5.91E-01	1.41E+00	3.43E-01	1.31E-01	3.11E-02	8.24E-10	1.95E-10
3.25E+00	2.79E-01	1.78E+01	2.38E+00	1.11E+01	1.45E+00	8.25E+00	1.09E+00	4.83E+00	7.34E-01	2.47E+00	3.96E-01	1.45E+00	2.19E-01	1.62E-01	2.09E-02	1.01E-09	1.31E-10
2.15E+00	3.69E-01	1.84E+01	2.45E+00	1.16E+01	1.45E+00	8.56E+00	1.11E+00	4.07E+00	6.54E-01	2.50E+00	4.58E-01	1.49E+00	2.61E-01	1.69E-01	2.10E-02	1.06E-09	1.32E-10
3.12E+00	3.09E-01	1.79E+01	1.86E+00	1.13E+01	1.08E+00	8.37E+00	8.25E-01	3.81E+00	5.23E-01	2.46E+00	3.75E-01	1.48E+00	2.09E-01	1.66E-01	1.54E-02	1.04E-09	9.70E-11
2.21E+00	2.95E-01	1.45E+01	2.02E+00	9.07E+00	1.24E+00	6.68E+00	9.22E-01	3.94E+00	6.32E-01	2.13E+00	3.59E-01	1.25E+00	2.02E-01	1.32E-01	1.78E-02	8.20E-10	1.12E-10
1.86E+00	3.54E-01	1.83E+01	2.63E+00	1.16E+01	1.59E+00	8.53E+00	1.20E+00	5.36E+00	7.19E-01	2.49E+00	4.31E-01	1.45E+00	2.48E-01	1.67E-01	2.31E-02	1.05E-09	1.45E-10
2.55E+00	3.01E-01	2.10E+01	2.49E+00	1.31E+01	1.49E+00	9.81E+00	1.14E+00	5.54E+00	6.45E-01	2.99E+00	4.26E-01	1.77E+00	2.48E-01	1.92E-01	2.18E-02	1.20E-09	1.37E-10
1.70E+00	2.98E-01	2.13E+01	1.68E+00	1.33E+01	9.98E-01	9.91E+00	7.70E-01	5.76E+00	4.65E-01	3.08E+00	3.04E-01	1.82E+00	1.77E-01	1.94E-01	1.46E-02	1.21E-09	9.21E-11
1.94E+00	2.52E-01	1.83E+01	1.35E+00	1.14E+01	8.13E-01	8.53E+00	6.22E-01	4.95E+00	3.92E-01	2.63E+00	2.68E-01	1.56E+00	1.45E-01	1.67E-01	1.19E-02	1.04E-09	7.47E-11
2.06E+00	2.40E-01	1.45E+01	2.43E+00	8.97E+00	1.52E+00	6.70E+00	1.13E+00	3.97E+00	7.04E-01	2.25E+00	3.57E-01	1.33E+00	2.08E-01	1.31E-01	2.20E-02	8.18E-10	1.37E-10
1.88E+00	2.46E-01	1.35E+01	2.47E+00	8.28E+00	1.53E+00	6.24E+00	1.14E+00	3.61E+00	6.94E-01	2.09E+00	3.67E-01	1.22E+00	2.13E-01	1.21E-01	2.22E-02	7.58E-10	1.39E-10
1.72E+00	2.98E-01	1.07E+01	2.40E+00	6.63E+00	1.47E+00	4.97E+00	1.11E+00	2.95E+00	6.51E-01	1.72E+00	3.80E-01	9.98E-01	2.21E-01	9.69E-02	2.14E-02	6.05E-10	1.34E-10
1.36E+00	2.26E-01	9.71E+00	1.72E+00	6.21E+00	1.07E+00	4.57E+00	7.93E-01	2.67E+00	4.95E-01	1.44E+00	2.89E-01	8.42E-01	1.68E-01	9.12E-02	1.54E-02	5.62E-10	9.64E-11
1.19E+00	1.90E-01	8.90E+00	1.85E+00	5.70E+00	1.14E+00	4.19E+00	8.50E-01	2.44E+00	5.22E-01	1.21E+00	2.88E-01	7.24E-01	1.66E-01	8.37E-02	1.64E-02	5.15E-10	1.03E-10
1.09E+00	1.74E-01	8.44E+00	1.72E+00	5.40E+00	1.06E+00	4.10E+00	7.94E-01	2.16E+00	4.82E-01	1.20E+00	2.77E-01	7.02E-01	1.60E-01	8.21E-02	1.53E-02	5.13E-10	9.60E-11
1.16E+00	1.52E-01	8.54E+00	1.40E+00	5.46E+00	8.57E-01	4.15E+00	6.46E-01	2.12E+00	3.89E-01	1.17E+00	2.31E-01	6.81E-01	1.34E-01	8.34E-02	1.24E-02	5.19E-10	7.78E-11
1.06E+00	1.20E-01	8.30E+00	1.07E+00	5.31E+00	6.82E-01	4.04E+00	5.08E-01	2.03E+00	2.88E-01	1.28E+00	1.74E-01	7.28E-01	1.01E-01	8.14E-02	1.00E-02	5.06E-10	6.31E-11
1.13E+00	1.03E-01	7.60E+00	1.34E+00	4.86E+00	8.50E-01	3.71E+00	6.31E-01	2.10E+00	3.73E-01	1.43E+00	1.69E-01	8.14E-01	1.01E-01	7.49E-02	1.24E-02	4.65E-10	7.79E-11
1.20E+00	1.36E-01	6.89E+00	1.41E+00	4.47E+00	8.88E-01	3.27E+00	6.57E-01	1.92E+00	4.06E-01	1.39E+00	1.90E-01	7.88E-01	1.11E-01	6.57E-02	1.28E-02	4.05E-10	8.07E-11
1.12E+00	1.57E-01	7.09E+00	1.31E+00	4.45E+00	8.18E-01	3.44E+00	6.05E-01	1.91E+00	3.88E-01	1.22E+00	1.95E-01	6.81E-01	1.11E-01	6.77E-02	1.17E-02	4.25E-10	7.36E-11
1.01E+00	1.53E-01	7.52E+00	1.09E+00	4.65E+00	6.68E-01	3.65E+00	4.96E-01	1.85E+00	3.30E-01	1.03E+00	1.83E-01	6.62E-01	1.03E-01	7.17E-02	9.49E-03	4.49E-10	5.96E-11
1.09E+00	1.37E-01	7.21E+00	8.48E-01	4.46E+00	5.03E-01	3.49E+00	3.77E-01	1.77E+00	2.58E-01	1.13E+00	1.63E-01	6.44E-01	9.03E-02	6.85E-02	7.06E-03	4.29E-10	4.44E-11
9.98E-01	1.36E-01	6.46E+00	6.52E-01	4.21E+00	4.17E-01	3.08E+00	3.05E-01	1.85E+00	1.99E-01	1.05E+00	1.43E-01	6.06E-01	7.82E-02	6.15E-02	5.98E-03	3.79E-10	3.74E-11
1.08E+00	1.41E-01	7.88E+00	9.01E-01	4.86E+00	5.68E-01	3.57E+00	4.12E-01	2.42E+00	2.73E-01	1.24E+00	1.61E-01	6.94E-01	9.24E-02	6.89E-02	8.13E-03	4.33E-10	5.09E-11
1.94E+00	2.20E-01	2.00E+01	2.38E+00	1.27E+01	1.52E+00	9.77E+00	1.12E+00	4.91E+00	6.75E-01	2.17E+00	3.14E-01	1.44E+00	1.87E-01	1.96E-01	2.21E-02	1.22E-09	1.38E-10
1.80E+00	2.24E-01	2.14E+01	2.87E+00	1.35E+01	1.83E+00	1.03E+01	1.35E+00	5.63E+00	8.37E-01	2.48E+00	3.93E-01	1.59E+00	2.31E-01	2.06E-01	2.65E-02	1.29E-09	1.65E-10
2.20E+00	3.12E-01	2.55E+01	3.84E+00	1.62E+01	2.45E+00	1.24E+01	1.85E+00	6.09E+00	9.22E-01	2.77E+00	4.39E-01	1.83E+00	2.79E-01	2.49E-01	3.68E-02	1.56E-09	2.31E-10
2.39E+00	3.79E-01	2.29E+01	3.84E+00	1.45E+01	2.45E+00	1.12E+01	1.85E+00	5.18E+00	9.55E-01	2.48E+00	4.52E-01	1.64E+00	2.82E-01	2.23E-01	3.67E-02	1.40E-09	2.30E-10
2.34E+00	3.91E-01	1.72E+01	3.39E+00	1.06E+01	2.15E+00	8.45E+00	1.62E+00	4.63E+00	8.47E-01	2.43E+00	4.37E-01	1.47E+00	2.58E-01	1.70E-01	3.21E-02	1.05E-09	2.01E-10
2.67E+00	3.69E-01	1.79E+01	2.79E+00	1.12E+01	1.74E+00	8.96E+00	1.33E+00	5.02E+00	7.03E-01	2.56E+00	4.18E-01	1.65E+00	2.37E-01	1.80E-01	2.61E-02	1.13E-09	1.63E-10
2.52E+00	3.68E-01	2.14E+01	3.47E+00	1.35E+01	2.22E+00	1.05E+01	1.68E+00	5.37E+00	8.22E-01	2.41E+00	4.12E-01	1.53E+00	2.48E-01	2.09E-01	3.35E-02	1.31E-09	2.10E-10
2.91E+00	3.99E-01	1.65E+01	3.07E+00	1.07E+01	1.97E+00	7.76E+00	1.47E+00	5.06E+00	8.37E-01	2.00E+00	4.29E-01	1.16E+00	2.48E-01	1.53E-01	2.90E-02	9.62E-10	1.82E-10
2.90E+00	4.71E-01	1.38E+01	2.95E+00	8.96E+00	1.85E+00	6.50E+00	1.36E+00	4.45E+00	9.09E-01	1.90E+00	4.75E-01	1.06E+00	2.72E-01	1.29E-01	2.64E-02	8.08E-10	1.65E-10
2.73E+00	4.84E-01	1.69E+01	3.66E+00	1.09E+01	2.30E+00	7.94E+00	1.71E+00	5.24E+00	1.04E+00	2.20E+00	5.69E-01	1.25E+00	3.25E-01	1.56E-01	3.33E-02	9.80E-10	2.09E-10
3.32E+00	5.57E-01	1.65E+01	3.43E+00	1.07E+01	2.14E+00	8.27E+00	1.59E+00	5.26E+00	1.01E+00	2.14E+00	5.58E-01	1.25E+00	3.18E-01	1.66E-01	3.07E-02	1.04E-09	1.93E-10
2.54E+00	5.81E-01	1.18E+01	2.23E+00	7.16E+00	1.41E+00	5.76E+00	1.03E+00	3.53E+00	6.69E-01	1.88E+00	4.61E-01	1.14E+00	2.60E-01	1.12E-01	2.02E-02	7.02E-10	1.26E-10
2.56E+00	4.19E-01	9.43E+00	1.94E+00	5.77E+00	1.25E+00	4.57E+00	9.00E-01	2.72E+00	6.45E-01	2.29E+00	3.95E-01	1.39E+00	2.21E-01	9.15E-02	1.76E-02	5.75E-10	1.11E-10
2.62E+00	4.16E-01	1.08E+01	2.22E+00	6.88E+00	1.31E+00	5.39E+00	9.82E-01	3.84E+00	6.62E-01	1.73E+00	4.33E-01	9.93E-01	2.40E-01	1.08E-01	1.84E-02	6.78E-10	1.16E-10
2.50E+00	6.34E-01	1.41E+01	2.58E+00	8.84E+00	1.63E+00	7.06E+00	1.21E+00	3.38E+00	7.66E-01	1.89E+00	5.77E-01	1.06E+00	3.27E-01	1.41E-01	2.38E-02	8.89E-10	1.49E-10
2.84E+00	5.86E-01	1.38E+01	2.88E+00	8.76E+00	1.84E+00	6.54E+00	1.33E+00	3.69E+00	9.21E-01	2.27E+00	4.43E-01	1.28E+00	2.54E-01	1.29E-01	2.60E-02	8.07E-10	1.63E-10
2.61E+00	3.93E-01	1.31E+01	3.49E+00	8.27E+00	2.15E+00	6.28E+00	1.59E+00	3.13E+00	1.08E+00	1.76E+00	5.81E-01	1.03E+00	3.27E-01	1.24E-01	3.04E-02	7.77E-10	1.91E-10
1.79E+00	6.10E-01	9.99E+00	3.91E+00	6.11E+00	2.31E+00	4.54E+00	1.78E+00	2.96E+00	1.04E+00	1.69E+00	7.50E-01	9.58E-01	4.30E-01	8.78E-02	3.34E-02	5.51E-10	2.10E-10
1.88E+00	4.24E-01	1.09E+01	3.14E+00	6.53E+00	1.93E+00	5.36E+00	1.45E+00	3.05E+00	8.73E-01	1.87E+00	5.61E-01	1.19E+00	3.25E-01	1.03E-01	2.80E-02	6.50E-10	1.76E-10
2.54E+00	3.74E-01	1.03E+01	2.16E+00	6.34E+00	1.33E+00	4.78E+00	1.01E+00	2.91E+00	5.59E-01	1.67E+00	4.36E-01	1.03E+00	2.48E-01	9.22E-02	1.96E-02	5.79E-10	1.23E-10
1.84E+00	3.39E-01	1.27E+01	2.25E+00	8.10E+00	1.35E+00	5.91E+00	1.01E+00	3.74E+00	6.76E-01	1.81E+00	4.28E-01	1.04E+00	2.41E-01	1.17E-01	1.91E-02	7.24E-10	1.20E-10
1.45E+00	3.00E-01	1.58E+01	2.48E+00	1.01E+01	1.51E+00	7.45E+00	1.13E+00	4.26E+00	7.31E-01	2.11E+00	4.25E-01	1.27E+00	2.41E-01	1.48E-01	2.15E-02	9.18E-10	1.35E-10
1.36E+00	3.00E-01	1.12E+01	2.48E+00	7.09E+00	1.48E+00	5.31E+00	1.14E+00	2.78E+00	6.37E-01	1.61E+00	4.30E-01	9.29E-01	2.50E-01	1.06E-01	2.17E-02	6.55E-10	1.36E-10
1.17E+00	2.74E-01	1.48E+01	2.28E+00	9.48E+00	1.36E+00	6.89E+00	1.04E+00	4.04E+00	5.87E-01	2.17E+00	3.95E-01	1.29E+00	2.28E-01	1.40E-01	1.99E-02	8.43E-10	1.25E-10
1.43E+00	3.54E-01	2.03E+01	2.71E+00	1.30E+01	1.63E+00	9.46E+00	1.22E+00	5.65E+00	7.84E-01	2.97E+00	4.84E-01	1.75E+00	2.73E-01	1.91E-01	2.33E-02	1.16E-09	1.46E-10
7.66E+00	3.76E-01	1.32E+01	2.90E+00	8.39E+00	1.74E+00	6.02E+00	1.32E+00	4.07E+00	8.07E-01	4.79E+00	5.15E-01	2.59E+00	2.94E-01	1.20E-01	2.50E-02	7.27E-10	1.57E-10
3.35E+00	4.13E-01	1.55E+01	3.49E+00	9.88E+00	2.08E+00	7.40E+00	1.60E+00	4.06E+00	8.96E-01	2.02E+00	6.00E-01	1.23E+00	3.48E-01	1.46E-01	3.05E-02	9.13E-10	1.92E-10
2.41E+00	3.58E-01	1.17E+01	3.34E+00	7.51E+00	2.02E+00	5.48E+00	1.53E+00	3.62E+00	9.05E-01	2.01E+00	5.51E-01	1.17E+00	3.17E-01	1.07E-01	2.94E-02	6.73E-10	1.84E-10
2.66E+00	3.13E-01	1.54E+01	1.96E+00	9.69E+00	1.20E+00	7.16E+00	8.93E-01	4.36E+00	5.72E-01	2.11E+00	3.07E-01	1.23E+00	1.75E-01	1.41E-01	1.72E-02	8.80E-10	1.08E-10
3.99E+00	4.03E-01	1.59E+01	2.70E+00	9.82E+00	1.63E+00	7.36E+00	1.23E+00	4.12E+00	7.40E-01	2.57E+00	4.51E-01	1.59E+00	2.58E-01	1.45E-01	2.36E-02	9.04E-10	1.49E-10
2.31E+00	3.24E-01	1.80E+01	1.79E+00	1.14E+01	1.04E+00	8.37E+00	8.04E-01	4.01E+00	5.02E-01	2.45E+00	3.73E-01	1.47E+00	2.15E-01	1.68E-01	1.50E-02	1.04E-09	9.41E-11
2.32E+00	3.13E-01	1.39E+01	1.89E+00	8.78E+00	1.10E+00	6.46E+00	8.43E-01	3.38E+00	5.42E-01	1.98E+00	3.81E-01	1.19E+00	2.14E-01	1.30E-01	1.58E-02	8.00E-10	9.92E-11
2.12E+00	3.32E-01	1.15E+01	2.23E+00	7.15E+00	1.37E+00	5.15E+00	1.02E+00	3.29E+00	6.36E-01	1.66E+00	4.13E-01	9.79E-01	2.31E-01	1.04E-01	1.97E-02	6.40E-10	1.24E-10
2.14E+00	2.96E-01	1.54E+01	2.52E+00	9.79E+00	1.53E+00	7.20E+00	1.16E+00	4.47E+00	6.99E-01	2.17E+00	4.13E-01	1.21E+00	2.39E-01	1.42E-01	2.22E-02	8.87E-10	1.40E-10
2.54E+00	2.96E-01	1.99E+01	2.18E+00	1.24E+01	1.31E+00	9.24E+00	9.99E-01	5.48E+00	5.61E-01	2.93E+00	3.74E-01	1.72E+00	2.18E-01	1.81E-01	1.91E-02	1.13E-09	1.20E-10
1.89E+00	3.22E-01	2.33E+01	1.96E+00	1.45E+01	1.22E+00	1.08E+01	8.94E-01	6.41E+00	5.93E-01	3.40E+00	2.92E-01	1.99E+00	1.65E-01	2.12E-01	1.73E-02	1.32E-09	1.09E-10
2.24E+00	2.73E-01	2.01E+01	1.37E+00	1.25E+01	8.04E-01	9.30E+00	5.93E-01	5.56E+00	3.93E-01	2.93E+00	3.04E-01	1.71E+00	1.66E-01	1.82E-01	1.15E-02	1.14E-09	7.26E-11
1.92E+00	2.39E-01	1.54E+01	2.08E+00	9.55E+00	1.30E+00	6.75E+00	9.62E-01	3.77E+00	6.08E-01	2.36E+00	3.12E-01	1.40E+00	1.81E-01	1.40E-01	1.87E-02	8.43E-10	1.17E-10
1.65E+00	2.08E-01	1.30E+01	2.17E+00	8.06E+00	1.36E+00	6.05E+00	1.00E+00	3.52E+00	6.51E-01	1.98E+00	3.27E-01	1.16E+00	1.88E-01	1.18E-01	1.95E-02	7.36E-10	1.22E-10
1.36E+00	2.47E-01	1.04E+01	2.21E+00	6.33E+00	1.36E+00	4.80E+00	1.02E+00	2.74E+00	6.02E-01	1.72E+00	3.41E-01	1.00E+00	1.98E-01	9.27E-02	1.97E-02	5.79E-10	1.24E-10
1.14E+00	1.95E-01	9.23E+00	1.75E+00	5.69E+00	1.07E+00	4.29E+00	8.08E-01	2.48E+00	4.71E-01	1.40E+00	2.87E-01	8.26E-01	1.67E-01	8.32E-02	1.55E-02	5.22E-10	9.75E-11
1.46E+00	2.16E-01	8.43E+00	1.67E+00	5.41E+00	1.03E+00	3.97E+00	7.70E-01	2.31E+00	4.74E-01	1.15E+00	2.56E-01	6.75E-01	1.48E-01	7.94E-02	1.49E-02	4.89E-10	9.35E-11
1.39E+00	2.05E-01	7.77E+00	1.69E+00	4.96E+00	1.04E+00	3.83E+00	7.81E-01	2.12E+00	4.75E-01	1.05E+00	2.66E-01	6.21E-01	1.54E-01	7.71E-02	1.51E-02	4.80E-10	9.47E-11
1.16E+00	1.50E-01	7.48E+00	1.48E+00	4.75E+00	9.09E-01	3.68E+00	6.84E-01	1.91E+00	4.13E-01	1.08E+00	2.38E-01	6.28E-01	1.38E-01	7.43E-02	1.32E-02	4.62E-10	8.26E-11
9.94E-01	1.28E-01	6.83E+00	1.19E+00	4.35E+00	7.29E-01	3.36E+00	5.50E-01	1.90E+00	3.31E-01	1.05E+00	1.96E-01	6.11E-01	1.14E-01	6.80E-02	1.06E-02	4.22E-10	6.62E-11
8.97E-01	9.98E-02	6.33E+00	1.01E+00	4.05E+00	6.42E-01	2.95E+00	4.79E-01	1.75E+00	2.68E-01	1.09E+00	1.46E-01	6.25E-01	8.47E-02	5.95E-02	9.47E-03	3.60E-10	5.95E-11
9.70E-01	9.21E-02	6.71E+00	1.22E+00	4.11E+00	7.77E-01	3.05E+00	5.77E-01	1.81E+00	3.35E-01	1.25E+00	1.53E-01	7.17E-01	9.19E-02	6.20E-02	1.14E-02	3.77E-10	7.14E-11

Scenario 2 Results

1.06E+00	1.31E-01	6.91E+00	1.32E+00	4.47E+00	8.38E-01	3.33E+00	6.21E-01	1.76E+00	3.76E-01	1.28E+00	1.76E-01	7.28E-01	1.04E-01	6.82E-02	1.22E-02	4.15E-10	7.65E-11
1.03E+00	1.51E-01	6.85E+00	1.25E+00	4.42E+00	7.86E-01	3.31E+00	5.81E-01	1.77E+00	3.67E-01	1.18E+00	1.80E-01	6.66E-01	1.04E-01	6.79E-02	1.13E-02	4.13E-10	7.10E-11
1.12E+00	1.81E-01	6.97E+00	1.16E+00	4.24E+00	7.20E-01	3.38E+00	5.33E-01	1.73E+00	3.51E-01	1.18E+00	1.89E-01	6.55E-01	1.09E-01	6.65E-02	1.03E-02	4.17E-10	6.44E-11
2.13E+00	2.61E-01	1.21E+01	1.20E+00	7.13E+00	7.72E-01	5.47E+00	5.64E-01	3.47E+00	3.60E-01	2.50E+00	2.72E-01	1.42E+00	1.57E-01	1.02E-01	1.11E-02	6.39E-10	6.98E-11
1.94E+00	2.76E-01	2.23E+01	3.62E+00	1.42E+01	2.31E+00	1.09E+01	1.75E+00	5.22E+00	8.65E-01	2.41E+00	4.14E-01	1.61E+00	2.63E-01	2.19E-01	3.49E-02	1.37E-09	2.18E-10
2.08E+00	3.40E-01	2.51E+01	4.33E+00	1.60E+01	2.76E+00	1.23E+01	2.08E+00	5.79E+00	1.06E+00	2.72E+00	5.03E-01	1.81E+00	3.17E-01	2.47E-01	4.15E-02	1.54E-09	2.59E-10
2.12E+00	3.62E-01	2.22E+01	4.57E+00	1.41E+01	2.91E+00	1.09E+01	2.20E+00	5.78E+00	1.13E+00	2.76E+00	5.46E-01	1.65E+00	3.42E-01	2.18E-01	4.36E-02	1.36E-09	2.73E-10
2.37E+00	3.34E-01	1.97E+01	3.02E+00	1.23E+01	1.90E+00	9.77E+00	1.44E+00	5.34E+00	7.44E-01	2.66E+00	4.05E-01	1.61E+00	2.49E-01	1.98E-01	2.83E-02	1.22E-09	1.77E-10
2.21E+00	3.21E-01	2.02E+01	3.03E+00	1.27E+01	1.93E+00	1.01E+01	1.47E+00	4.63E+00	7.18E-01	2.16E+00	3.64E-01	1.46E+00	2.17E-01	2.03E-01	2.94E-02	1.27E-09	1.84E-10
2.41E+00	4.03E-01	2.50E+01	4.67E+00	1.62E+01	2.99E+00	1.19E+01	2.24E+00	7.37E+00	1.18E+00	2.97E+00	5.33E-01	1.77E+00	3.34E-01	2.35E-01	4.46E-02	1.47E-09	2.80E-10
2.82E+00	5.43E-01	2.98E+01	5.46E+00	1.86E+01	3.51E+00	1.49E+01	2.60E+00	8.28E+00	1.51E+00	3.32E+00	6.50E-01	2.15E+00	3.95E-01	2.99E-01	5.15E-02	1.87E-09	3.22E-10
2.89E+00	5.11E-01	2.15E+01	3.79E+00	1.39E+01	2.40E+00	1.02E+01	1.78E+00	6.32E+00	1.08E+00	2.69E+00	5.67E-01	1.54E+00	3.23E-01	2.01E-01	3.50E-02	1.26E-09	2.19E-10
2.68E+00	5.32E-01	2.23E+01	4.50E+00	1.44E+01	2.84E+00	1.05E+01	2.10E+00	6.64E+00	1.29E+00	2.65E+00	6.23E-01	1.57E+00	3.65E-01	2.09E-01	4.11E-02	1.31E-09	2.58E-10
3.12E+00	5.71E-01	2.17E+01	3.11E+00	1.36E+01	1.94E+00	1.08E+01	1.43E+00	5.56E+00	9.24E-01	2.23E+00	5.04E-01	1.59E+00	2.86E-01	2.18E-01	2.78E-02	1.37E-09	1.74E-10
2.64E+00	5.75E-01	1.36E+01	2.05E+00	8.80E+00	1.27E+00	6.54E+00	9.59E-01	4.29E+00	5.92E-01	2.10E+00	4.59E-01	1.34E+00	2.58E-01	1.27E-01	1.87E-02	7.94E-10	1.17E-10
2.22E+00	3.36E-01	1.00E+01	1.82E+00	6.40E+00	1.18E+00	4.79E+00	8.44E-01	2.66E+00	6.09E-01	1.91E+00	3.35E-01	1.14E+00	1.88E-01	9.60E-02	1.65E-02	6.03E-10	1.04E-10
2.46E+00	3.76E-01	1.12E+01	2.20E+00	7.00E+00	1.29E+00	5.59E+00	9.73E-01	3.69E+00	6.55E-01	1.72E+00	4.34E-01	9.95E-01	2.40E-01	1.12E-01	1.82E-02	7.04E-10	1.14E-10
1.73E+00	4.79E-01	8.85E+00	2.02E+00	5.68E+00	1.27E+00	4.42E+00	9.46E-01	2.70E+00	5.72E-01	1.44E+00	4.24E-01	8.10E-01	2.40E-01	8.85E-02	1.85E-02	5.56E-10	1.16E-10
2.44E+00	5.22E-01	1.19E+01	2.71E+00	7.63E+00	1.73E+00	5.67E+00	1.26E+00	3.23E+00	8.63E-01	2.01E+00	3.93E-01	1.13E+00	2.25E-01	1.12E-01	2.46E-02	6.99E-10	1.54E-10
3.02E+00	3.71E-01	1.21E+01	3.67E+00	7.64E+00	2.29E+00	5.77E+00	1.68E+00	3.05E+00	1.14E+00	2.28E+00	5.74E-01	1.33E+00	3.25E-01	1.14E-01	3.24E-02	7.14E-10	2.03E-10
2.50E+00	6.22E-01	1.50E+01	4.18E+00	9.48E+00	2.48E+00	7.38E+00	1.90E+00	2.94E+00	1.13E+00	1.63E+00	7.79E-01	1.08E+00	4.46E-01	1.47E-01	3.58E-02	9.25E-10	2.25E-10
2.66E+00	5.75E-01	1.36E+01	3.14E+00	8.16E+00	1.97E+00	6.53E+00	1.45E+00	2.92E+00	9.26E-01	2.13E+00	6.61E-01	1.33E+00	3.82E-01	1.26E-01	2.82E-02	7.96E-10	1.77E-10
3.03E+00	4.74E-01	9.94E+00	2.90E+00	6.07E+00	1.68E+00	4.59E+00	1.30E+00	2.88E+00	7.57E-01	2.32E+00	5.70E-01	1.43E+00	3.23E-01	9.07E-02	2.43E-02	5.70E-10	1.53E-10
2.23E+00	4.76E-01	9.88E+00	1.87E+00	6.02E+00	1.14E+00	4.55E+00	8.57E-01	2.68E+00	5.71E-01	1.63E+00	3.59E-01	9.43E-01	2.04E-01	8.77E-02	1.64E-02	5.51E-10	1.03E-10
1.57E+00	3.24E-01	1.41E+01	2.15E+00	9.01E+00	1.27E+00	6.60E+00	9.71E-01	4.00E+00	5.93E-01	1.91E+00	4.10E-01	1.13E+00	2.34E-01	1.31E-01	1.83E-02	8.11E-10	1.15E-10
1.71E+00	3.03E-01	1.37E+01	2.53E+00	8.76E+00	1.53E+00	6.49E+00	1.16E+00	3.62E+00	7.17E-01	1.83E+00	4.35E-01	1.10E+00	2.49E-01	1.30E-01	2.21E-02	8.00E-10	1.39E-10
1.54E+00	2.75E-01	9.06E+00	2.11E+00	5.50E+00	1.26E+00	4.13E+00	9.73E-01	2.45E+00	5.49E-01	1.59E+00	3.60E-01	9.14E-01	2.11E-01	8.24E-02	1.86E-02	5.07E-10	1.17E-10
1.20E+00	2.30E-01	1.43E+01	2.03E+00	9.27E+00	1.22E+00	6.69E+00	9.34E-01	3.87E+00	5.08E-01	2.10E+00	3.44E-01	1.25E+00	2.00E-01	1.38E-01	1.79E-02	8.20E-10	1.12E-10
1.68E+00	3.46E-01	1.82E+01	2.72E+00	1.17E+01	1.64E+00	8.44E+00	1.24E+00	5.13E+00	7.64E-01	2.68E+00	4.80E-01	1.57E+00	2.73E-01	1.72E-01	2.35E-02	1.03E-09	1.48E-10
3.35E+00	3.31E-01	1.15E+01	2.68E+00	7.35E+00	1.62E+00	5.18E+00	1.22E+00	3.67E+00	7.50E-01	2.13E+00	4.70E-01	1.15E+00	2.68E-01	1.05E-01	2.33E-02	6.25E-10	1.46E-10
2.23E+00	3.70E-01	1.36E+01	3.24E+00	8.68E+00	1.95E+00	6.47E+00	1.49E+00	3.56E+00	8.50E-01	1.76E+00	5.49E-01	1.08E+00	3.18E-01	1.29E-01	2.84E-02	7.99E-10	1.79E-10
1.91E+00	3.12E-01	1.08E+01	2.97E+00	6.86E+00	1.81E+00	5.07E+00	1.36E+00	3.18E+00	8.32E-01	1.65E+00	4.85E-01	9.63E-01	2.78E-01	9.90E-02	2.61E-02	6.16E-10	1.64E-10
1.98E+00	2.92E-01	1.27E+01	2.10E+00	8.03E+00	1.27E+00	5.90E+00	9.76E-01	3.69E+00	4.99E-01	1.91E+00	3.41E-01	1.11E+00	2.03E-01	1.16E-01	1.89E-02	7.25E-10	1.18E-10
3.44E+00	3.03E-01	1.41E+01	2.42E+00	8.75E+00	1.48E+00	6.50E+00	1.11E+00	3.77E+00	6.90E-01	2.34E+00	3.99E-01	1.43E+00	2.27E-01	1.28E-01	2.14E-02	8.00E-10	1.35E-10
1.89E+00	3.30E-01	1.57E+01	2.07E+00	1.01E+01	1.21E+00	7.31E+00	9.34E-01	3.80E+00	5.47E-01	2.16E+00	4.08E-01	1.29E+00	2.34E-01	1.48E-01	1.76E-02	9.05E-10	1.10E-10
2.49E+00	2.92E-01	1.46E+01	1.84E+00	9.36E+00	1.08E+00	6.77E+00	8.19E-01	3.48E+00	5.24E-01	2.04E+00	3.61E-01	1.23E+00	2.02E-01	1.39E-01	1.54E-02	8.40E-10	9.67E-11
2.54E+00	2.81E-01	1.11E+01	2.29E+00	6.82E+00	1.42E+00	4.97E+00	1.04E+00	3.57E+00	7.16E-01	2.02E+00	3.56E-01	1.11E+00	2.01E-01	9.65E-02	2.00E-02	6.07E-10	1.26E-10
2.12E+00	3.47E-01	1.11E+01	2.23E+00	6.94E+00	1.36E+00	5.13E+00	1.02E+00	3.41E+00	6.17E-01	1.56E+00	3.84E-01	9.30E-01	2.18E-01	1.02E-01	1.97E-02	6.36E-10	1.24E-10
2.15E+00	3.27E-01	1.42E+01	2.46E+00	8.68E+00	1.47E+00	6.46E+00	1.10E+00	4.16E+00	7.34E-01	2.33E+00	4.35E-01	1.32E+00	2.43E-01	1.24E-01	2.09E-02	7.79E-10	1.31E-10
2.38E+00	3.10E-01	1.87E+01	1.96E+00	1.17E+01	1.18E+00	8.67E+00	9.00E-01	5.19E+00	5.03E-01	2.78E+00	3.35E-01	1.63E+00	1.96E-01	1.70E-01	1.72E-02	1.06E-09	1.08E-10
1.90E+00	3.17E-01	2.15E+01	2.09E+00	1.34E+01	1.29E+00	9.95E+00	9.52E-01	5.97E+00	6.21E-01	3.17E+00	3.12E-01	1.85E+00	1.76E-01	1.95E-01	1.84E-02	1.22E-09	1.16E-10
2.12E+00	2.54E-01	1.94E+01	1.31E+00	1.21E+01	7.53E-01	8.98E+00	5.52E-01	5.33E+00	3.64E-01	2.83E+00	2.85E-01	1.66E+00	1.55E-01	1.76E-01	1.08E-02	1.10E-09	6.81E-11
1.90E+00	2.53E-01	1.56E+01	1.76E+00	9.70E+00	1.10E+00	7.03E+00	8.12E-01	4.13E+00	5.29E-01	2.40E+00	2.76E-01	1.42E+00	1.58E-01	1.42E-01	1.58E-02	8.60E-10	9.84E-11
1.75E+00	1.93E-01	1.30E+01	2.26E+00	8.07E+00	1.42E+00	5.75E+00	1.05E+00	3.34E+00	6.68E-01	2.07E+00	3.35E-01	1.19E+00	1.94E-01	1.18E-01	2.04E-02	7.01E-10	1.28E-10
1.64E+00	2.50E-01	1.03E+01	2.06E+00	6.31E+00	1.27E+00	4.77E+00	9.55E-01	2.95E+00	5.75E-01	1.66E+00	3.11E-01	9.69E-01	1.82E-01	9.25E-02	1.85E-02	5.77E-10	1.16E-10
1.73E+00	2.91E-01	8.89E+00	1.85E+00	5.50E+00	1.13E+00	4.14E+00	8.54E-01	2.63E+00	4.98E-01	1.61E+00	2.92E-01	8.97E-01	1.70E-01	8.03E-02	1.65E-02	5.03E-10	1.03E-10
1.76E+00	2.47E-01	8.01E+00	1.53E+00	5.09E+00	9.47E-01	3.78E+00	7.06E-01	2.65E+00	4.34E-01	1.40E+00	2.52E-01	7.37E-01	1.39E-01	7.40E-02	1.37E-02	4.64E-10	8.59E-11
1.80E+00	2.40E-01	8.05E+00	1.62E+00	4.87E+00	1.00E+00	3.58E+00	7.48E-01	2.55E+00	4.55E-01	1.41E+00	2.49E-01	7.76E-01	1.44E-01	7.06E-02	1.45E-02	4.34E-10	9.08E-11
1.60E+00	2.11E-01	7.88E+00	1.51E+00	4.89E+00	9.30E-01	3.55E+00	6.98E-01	2.53E+00	4.22E-01	1.21E+00	2.38E-01	6.67E-01	1.38E-01	6.85E-02	1.35E-02	4.31E-10	8.45E-11
1.12E+00	1.46E-01	6.25E+00	1.25E+00	3.98E+00	7.65E-01	2.90E+00	5.75E-01	1.76E+00	3.46E-01	9.98E-01	2.01E-01	5.77E-01	1.16E-01	5.83E-02	1.11E-02	3.58E-10	6.95E-11
1.05E+00	1.25E-01	6.27E+00	1.01E+00	4.01E+00	6.16E-01	2.90E+00	4.64E-01	1.77E+00	2.79E-01	9.71E-01	1.65E-01	5.64E-01	9.58E-02	5.87E-02	8.92E-03	3.54E-10	5.59E-11
7.74E-01	1.01E-01	6.60E+00	9.25E-01	4.25E+00	5.90E-01	3.19E+00	4.41E-01	1.66E+00	2.45E-01	9.07E-01	1.36E-01	5.26E-01	7.96E-02	6.54E-02	8.72E-03	3.98E-10	5.47E-11
8.13E-01	8.86E-02	6.66E+00	1.11E+00	4.29E+00	7.05E-01	3.23E+00	5.24E-01	1.53E+00	3.02E-01	1.07E+00	1.38E-01	6.11E-01	8.31E-02	6.63E-02	1.03E-02	4.04E-10	6.49E-11
9.23E-01	1.34E-01	6.05E+00	1.27E+00	3.89E+00	8.06E-01	2.94E+00	5.98E-01	1.58E+00	3.58E-01	1.13E+00	1.66E-01	6.47E-01	9.84E-02	6.03E-02	1.17E-02	3.67E-10	7.37E-11
1.42E+00	2.61E-01	8.30E+00	1.55E+00	5.33E+00	9.80E-01	3.83E+00	7.25E-01	2.75E+00	4.50E-01	1.49E+00	2.62E-01	8.40E-01	1.48E-01	7.49E-02	1.42E-02	4.71E-10	8.89E-11
1.87E+00	3.14E-01	1.97E+01	3.68E+00	1.25E+01	2.35E+00	9.65E+00	1.77E+00	4.84E+00	9.28E-01	2.41E+00	4.45E-01	1.44E+00	2.76E-01	1.94E-01	3.51E-02	1.21E-09	2.19E-10
1.96E+00	2.88E-01	1.28E+01	2.23E+00	8.16E+00	1.40E+00	6.14E+00	1.06E+00	3.84E+00	5.66E-01	2.06E+00	3.16E-01	1.23E+00	1.84E-01	1.24E-01	2.08E-02	7.74E-10	1.30E-10
1.98E+00	2.81E-01	1.93E+01	2.66E+00	1.21E+01	1.69E+00	9.67E+00	1.29E+00	4.63E+00	6.68E-01	2.07E+00	3.29E-01	1.40E+00	1.97E-01	1.95E-01	2.59E-02	1.22E-09	1.62E-10
2.06E+00	3.02E-01	1.89E+01	3.43E+00	1.21E+01	2.20E+00	9.23E+00	1.65E+00	5.42E+00	8.42E-01	2.17E+00	3.88E-01	1.40E+00	2.46E-01	1.85E-01	3.30E-02	1.15E-09	2.06E-10
2.42E+00	4.34E-01	2.02E+01	3.96E+00	1.31E+01	2.55E+00	9.75E+00	1.89E+00	6.06E+00	1.07E+00	2.41E+00	4.66E-01	1.43E+00	2.85E-01	1.97E-01	3.76E-02	1.23E-09	2.35E-10
2.52E+00	4.89E-01	2.25E+01	3.87E+00	1.46E+01	2.49E+00	1.08E+01	1.83E+00	6.93E+00	1.14E+00	2.74E+00	5.32E-01	1.61E+00	3.07E-01	2.16E-01	3.62E-02	1.35E-09	2.26E-10
2.46E+00	4.61E-01	2.68E+01	4.91E+00	1.72E+01	3.12E+00	1.29E+01	2.32E+00	7.67E+00	1.34E+00	3.24E+00	6.38E-01	1.94E+00	3.82E-01	2.61E-01	4.58E-02	1.62E-09	2.86E-10
2.65E+00	5.24E-01	3.48E+01	5.54E+00	2.18E+01	3.51E+00	1.74E+01	2.60E+00	9.20E+00	1.56E+00	3.78E+00	7.41E-01	2.55E+00	4.39E-01	3.51E-01	5.12E-02	2.19E-09	3.20E-10
2.74E+00	6.20E-01	3.54E+01	3.38E+00	2.22E+01	2.13E+00	1.77E+01	1.57E+00	7.46E+00	1.00E+00	3.63E+00	4.99E-01	2.60E+00	2.87E-01	3.57E-01	3.06E-02	2.23E-09	1.91E-10
3.14E+00	6.18E-01	2.19E+01	2.97E+00	1.42E+01	1.92E+00	1.03E+01	1.40E+00	6.65E+00	9.19E-01	2.90E+00	4.95E-01	1.83E+00	2.77E-01	2.05E-01	2.75E-02	1.28E-09	1.73E-10
2.59E+00	4.22E-01	1.67E+01	2.64E+00	1.05E+01	1.71E+00	8.36E+00	1.22E+00	4.48E+00	8.74E-01	2.27E+00	3.81E-01	1.34E+00	2.13E-01	1.68E-01	2.40E-02	1.05E-09	1.51E-10
2.40E+00	3.83E-01	1.25E+01	2.29E+00	7.83E+00	1.35E+00	6.25E+00	1.02E+00	3.64E+00	6.83E-01	1.72E+00	4.53E-01	9.97E-01	2.51E-01	1.25E-01	1.99E-02	7.87E-10	1.25E-10
1.91E+00	5.12E-01	1.13E+01	2.23E+00	7.20E+00	1.41E+00	5.52E+00	1.05E+00	2.92E+00	6.04E-01	1.74E+00	4.51E-01	9.87E-01	2.54E-01	1.11E-01	2.07E-02	6.95E-10	1.30E-10
2.30E+00	5.07E-01	1.07E+01	2.79E+00	6.90E+00	1.78E+00	5.11E+00	1.29E+00	3.22E+00	8.80E-01	1.92E+00	3.80E-01	1.08E+00	2.16E-01	1.02E-01	2.54E-02	6.31E-10	1.59E-10
2.34E+00	3.09E-01	1.05E+01	2.97E+00	6.68E+00	1.86E+00	5.02E+00	1.37E+00	2.61E+00	9.16E-01	1.77E+00	4.60E-01	1.03E+00	2.62E-01	1.00E-01	2.64E-02	6.21E-10	1.65E-10
2.51E+00	5.21E-01	1.85E+01	4.18E+00	1.16E+01	2.52E+00	9.12E+00	1.91E+00	3.51E+00	1.17E+00	2.09E+00	7.22E-01	1.32E+00	4.14E-01	1.82E-01	3.64E-02	1.14E-09	2.28E-10
3.23E+00	7.38E-01	1.74E+01	3.87E+00	1.05E+01	2.43E+00	8.10E+00	1.81E+00	4.57E+00	1.07E+00	2.71E+00	7.70E-01	1.62E+00	4.42E-01	1.57E-01	3.55E-02	9.85E-10	2.23E-10
3.01E+00	4.99E-01	1.49E+01	3.23E+00	8.87E+00	1.92E+00	7.41E+00	1.46E+00	3.68E+00	9.10E-01	2.82E+00	6.10E-01	1.80E+00	3.45E-01	1.41E-01	2.75E-02	8.89E-10	1.73E-10
2.81E+00	4.36E-01	1.30E+01	2.44E+00	8.18E+00	1.38E+00	6.17E+00	1.09E+00	3.27E+00	5.83E-01	1.78E+00	4.97E-01	1.09E+00	2.85E-01	1.22E-01	2.03E-02	7.65E-10	1.27E-10
2.11E+00	4.13E-01	1.11E+01	2.37E+00	7.15E+00	1.43E+00	5.32E+00	1.07E+00	3.15E+00	6.99E-01	1.93E+00	4.32E-01	1.19E+00	2.45E-01	1.05E-01	2.03E-02	6.62E-10	1.28E-10
1.76E+00	3.11E-01	1.41E+01	2.22E+00	9.05E+00	1.36E+00	6.66E+00	1.01E+00	3.90E+00	6.58E-01	1.88E+00	3.75E-01	1.12E+00	2.13E-01	1.33E-01	1.93E-02	8.20E-10	1.21E-10
1.72E+00	2.84E-01	1.14E+01	2.41E+00	7.27E+00	1.46E+00	5.39E+00	1.11E+00	2.96E+00	6.54E-01	1.53E+00	4.13E-01	9.27E-01	2.38E-01	1.08E-01	2.11E-02	6.65E-10	1.33E-10
1.89E+00	2.72E-01	8.98E+00	1.95E+00	5.42E+00	1.18E+00	4.09E+00	8.89E-01	2.49E+00	5.45E-01	1.55E+00	3.31E-01	8.85E-01	1.92E-01	7.83E-02	1.70E-02	4.92E-10	1.07E-10
1.50E+00	1.95E-01	1.39E+01	1.75E+00	9.01E+00	1.05E+00	6.48E+00	8.05E-01	3.72E+00	5.04E-01	2.01E+00	2.91E-01	1.20E+00	1.70E-01	1.34E-01	1.55E-02	7.95E-10	9.71E-11
1.88E+00	3.40E-01	1.64E+01	2.71E+00	1.07E+01	1.63E+00	7.62E+00	1.24E+00	4.71E+00	7.47E-01	2.42E+00	4.76E-01	1.42E+00	2.73E-01	1.56E-01	2.36E-02	9.32E-10	1.48E-10
1.86E+00	3.21E-01	1.01E+01	2.68E+00	6.54E+00	1.62E+00	4.55E+00	1.22E+00	3.36E+00	7.50E-01	1.72E+00	4.63E-01	9.56E-01	2.65E-01	9.26E-02	2.33E-02	5.48E-10	1.46E-10
1.71E+00	3.54E-01	1.33E+01	3.28E+00	8.53E+00	1.99E+00	6.34E+00	1.51E+00	3.42E+00	8.73E-01	1.73E+00	5.43E-01	1.06E+00	3.14E-01	1.27E-01	2.89E-02	7.83E-10	1.82E-10
1.46E+00	2.73E-01	1.17E+01	2.63E+00	7.50E+00	1.61E+00	5.52E+00	1.20E+00	3.39E+00	7.56E-01	1.76E+00	4.26E-01	1.03E+00	2.43E-01	1.09E-01	2.32E-02	6.73E-10	1.45E-10
1.46E+00	2.60E-01	1.06E+01	2.32E+00	6.79E+00	1.41E+00	4.95E+00	1.08E+00	3.12E+00	5.72E-01	1.69E+00	3.73E-01	9.91E-01	2.21E-01	9.82E-02	2.08E-02	6.11E-10	1.30E-10
2.11E+00	2.33E-01	1.16E+01	2.01E+00	7.25E+00	1.24E+00	5.32E+00	9.24E-01	3.17E+00	5.93E-01	1.71E+00	3.25E-01	9.72E-01	1.83E-01	1.06E-01	1.79E-02	6.56E-10	1.12E-10
2.81E+00	3.24E-01	1.29E+01	2.06E+00	8.36E+00	1.25E+00	5.93E+00	9.41E-01	3.32E+00	5.64E-01	1.95E+00	3.81E-01	1.22E+00	2.18E-01	1.23E-01	1.80E-02	7.36E-10	1.13E-10
1.81E+00	2.58E-01	1.36E+01	1.50E+00	8.79E+00	8.98E-01	6.20E+00	6.72E-01	3.36E+00	4.42E-01	1.88E+00	2.92E-01	1.13E+00	1.67E-01	1.30E-01	1.27E-02	7.73E-10	8.00E-11
1.98E+00	2.67E-01	1.09E+01	1.75E+00	6.96E+00	1.04E+00	4.85E+00	7.88E-01	3.28E+00	4.99E-01	1.68E+00	3.38E-01	9.59E-01	1.92E-01	1.03E-01	1.48E-02	6.09E-10	9.32E-11
2.02E+00	2.76E-01	1.24E+01	2.38E+00	7.72E+00	1.45E+00	5.67E+00	1.08E+00	3.19E+00	6.98E-01	1.89E+00	3.93E-01	1.05E+00	2.22E-01	1.14E-01	2.06E-02	7.05E-10	1.30E-10
2.03E+00	3.10E-01	1.37E+01	2.56E+00	8.61E+00	1.59E+00	6.28E+00	1.17E+00	4.29E+00	7.78E-01	1.99E+00	3.80E-01	1.12E+00	2.15E-01	1.22E-01	2.26E-02	7.67E-10	1.42E-10
2.10E+00	3.21E-01	1.32E+01	2.41E+00	7.98E+00	1.45E+00	6.00E+00	1.09E+00	3.73E+00	6.97E-01	2.23E+00	4.28E-01	1.27E+00	2.42E-01	1.15E-01	2.06E-02	7.21E-10	1.30E-10
2.25E+00	3.08E-01	1.56E+01	1.74E+00	9.76E+00	1.04E+00	7.24E+00	7.96E-01	4.37E+00	4.44E-01	2.34E+00	3.00E-01	1.37E+00	1.73E-01	1.42E-01	1.53E-02	8.83E-10	9.59E-11
1.93E+00	2.99E-01	1.89E+01	2.04E+00	1.18E+01	1.26E+00	8.73E+00	9.30E-01	5.23E+00	5.96E-01	2.78E+00	3.05E-01	1.63E+00	1.73E-01	1.71E-01	1.80E-02	1.07E-09	1.13E-10
2.12E+00	2.62E-01	1.90E+01	1.41E+00	1.19E+01	8.37E-01	8.82E+00	6.14E-01	5.21E+00	3.97E-01	2.78E+00	3.00E-01	1.63E+00	1.63E-01	1.73E-01	1.20E-02	1.08E-09	7.55E-11
2.01E+00	2.81E-01	1.66E+01	1.59E+00	1.03E+01	9.89E-01	7.67E+00	7.28E-01	4.48E+00	4.71E-01	2.53E+00	2.83E-01	1.50E+00	1.55E-01	1.51E-01	1.42E-02	9.39E-10	8.91E-11

Scenario 2 Results

2.47E+00	2.47E-01	1.75E+01	2.80E+00	1.05E+01	1.75E+00	7.94E+00	1.30E+00	5.05E+00	8.02E-01	3.12E+00	4.06E-01	1.77E+00	2.37E-01	1.51E-01	2.54E-02	9.47E-10	1.59E-10
2.10E+00	2.89E-01	1.36E+01	2.75E+00	8.58E+00	1.73E+00	6.18E+00	1.27E+00	4.51E+00	8.57E-01	2.36E+00	4.14E-01	1.37E+00	2.36E-01	1.21E-01	2.46E-02	7.62E-10	1.54E-10
1.99E+00	3.33E-01	1.02E+01	1.82E+00	6.34E+00	1.12E+00	4.59E+00	8.43E-01	3.37E+00	5.22E-01	1.97E+00	3.34E-01	1.09E+00	1.84E-01	8.83E-02	1.63E-02	5.55E-10	1.02E-10
1.60E+00	2.72E-01	8.92E+00	1.47E+00	5.79E+00	8.98E-01	4.18E+00	6.80E-01	2.87E+00	3.94E-01	1.57E+00	2.57E-01	8.32E-01	1.45E-01	8.23E-02	1.31E-02	5.17E-10	8.22E-11
1.83E+00	2.51E-01	9.18E+00	1.47E+00	5.64E+00	9.14E-01	4.17E+00	6.82E-01	2.90E+00	4.16E-01	1.47E+00	2.40E-01	8.25E-01	1.31E-01	8.00E-02	1.32E-02	5.03E-10	8.29E-11
1.51E+00	2.01E-01	8.06E+00	1.44E+00	5.12E+00	8.86E-01	3.73E+00	6.63E-01	2.49E+00	4.02E-01	1.35E+00	2.22E-01	7.40E-01	1.29E-01	7.29E-02	1.28E-02	4.59E-10	8.05E-11
1.16E+00	1.49E-01	6.24E+00	1.23E+00	4.02E+00	7.59E-01	2.94E+00	5.70E-01	1.72E+00	3.44E-01	9.18E-01	1.95E-01	5.30E-01	1.13E-01	5.91E-02	1.10E-02	3.63E-10	6.90E-11
1.10E+00	1.47E-01	6.30E+00	1.07E+00	4.05E+00	6.55E-01	3.06E+00	4.93E-01	1.67E+00	2.96E-01	9.46E-01	1.72E-01	5.46E-01	9.97E-02	6.27E-02	9.49E-03	3.82E-10	5.95E-11
1.06E+00	1.31E-01	6.36E+00	8.50E-01	4.09E+00	5.21E-01	3.10E+00	3.92E-01	1.68E+00	2.36E-01	9.19E-01	1.48E-01	5.33E-01	8.61E-02	6.35E-02	7.54E-03	3.87E-10	4.73E-11
1.03E+00	1.19E-01	5.79E+00	8.71E-01	3.72E+00	5.56E-01	2.82E+00	4.16E-01	1.57E+00	2.28E-01	8.44E-01	1.43E-01	4.96E-01	8.32E-02	5.78E-02	8.22E-03	3.52E-10	5.16E-11
1.16E+00	1.36E-01	6.56E+00	1.26E+00	4.20E+00	8.01E-01	3.01E+00	5.97E-01	2.20E+00	3.38E-01	1.02E+00	1.68E-01	5.55E-01	9.38E-02	5.89E-02	1.18E-02	3.70E-10	7.40E-11
1.76E+00	2.48E-01	1.77E+01	2.26E+00	1.11E+01	1.44E+00	8.83E+00	1.10E+00	4.45E+00	6.15E-01	1.95E+00	2.97E-01	1.28E+00	1.78E-01	1.79E-01	2.22E-02	1.11E-09	1.38E-10
1.72E+00	2.47E-01	1.50E+01	2.53E+00	9.54E+00	1.62E+00	7.29E+00	1.23E+00	4.10E+00	6.06E-01	1.66E+00	2.85E-01	1.08E+00	1.82E-01	1.46E-01	2.45E-02	9.12E-10	1.53E-10
1.98E+00	3.03E-01	1.46E+01	2.75E+00	9.49E+00	1.77E+00	6.89E+00	1.31E+00	4.41E+00	7.29E-01	1.75E+00	3.28E-01	1.08E+00	1.98E-01	1.39E-01	2.62E-02	8.55E-10	1.64E-10
2.14E+00	3.78E-01	1.53E+01	2.66E+00	9.52E+00	1.72E+00	7.57E+00	1.26E+00	4.38E+00	8.00E-01	1.81E+00	3.88E-01	1.25E+00	2.23E-01	1.54E-01	2.50E-02	9.46E-10	1.56E-10
2.32E+00	3.94E-01	1.78E+01	3.05E+00	1.15E+01	1.94E+00	8.42E+00	1.43E+00	5.20E+00	8.42E-01	2.19E+00	4.69E-01	1.39E+00	2.67E-01	1.68E-01	2.84E-02	1.04E-09	1.77E-10
2.06E+00	4.49E-01	2.49E+01	4.58E+00	1.60E+01	2.91E+00	1.21E+01	2.15E+00	7.10E+00	1.29E+00	2.92E+00	6.10E-01	1.79E+00	3.61E-01	2.46E-01	4.25E-02	1.52E-09	2.65E-10
2.48E+00	4.67E-01	3.78E+01	4.55E+00	2.38E+01	2.88E+00	1.89E+01	2.13E+00	8.36E+00	1.30E+00	3.86E+00	6.23E-01	2.77E+00	3.67E-01	3.83E-01	4.19E-02	2.38E-09	2.61E-10
2.58E+00	5.95E-01	2.88E+01	2.53E+00	1.81E+01	1.61E+00	1.44E+01	1.19E+00	7.57E+00	7.75E-01	3.06E+00	4.71E-01	2.13E+00	2.64E-01	2.92E-01	2.35E-02	1.82E-09	1.47E-10
3.10E+00	5.25E-01	2.92E+01	4.69E+00	1.89E+01	3.03E+00	1.38E+01	2.21E+00	8.59E+00	1.41E+00	3.46E+00	5.70E-01	2.07E+00	3.36E-01	2.74E-01	4.37E-02	1.71E-09	2.74E-10
2.79E+00	4.12E-01	1.95E+01	2.89E+00	1.23E+01	1.81E+00	9.77E+00	1.41E+00	5.27E+00	9.17E-01	2.31E+00	4.32E-01	1.42E+00	2.42E-01	1.97E-01	2.82E-02	1.23E-09	1.77E-10
2.75E+00	5.08E-01	2.23E+01	3.57E+00	1.40E+01	2.23E+00	1.11E+01	1.75E+00	4.88E+00	1.05E+00	2.38E+00	6.46E-01	1.61E+00	3.60E-01	2.24E-01	3.50E-02	1.40E-09	2.19E-10
2.01E+00	5.34E-01	1.36E+01	2.45E+00	8.68E+00	1.55E+00	6.63E+00	1.16E+00	3.33E+00	6.50E-01	1.96E+00	4.69E-01	1.12E+00	2.64E-01	1.32E-01	2.29E-02	8.28E-10	1.43E-10
2.19E+00	4.95E-01	1.10E+01	2.87E+00	7.16E+00	1.85E+00	5.18E+00	1.34E+00	3.48E+00	9.00E-01	1.90E+00	3.78E-01	1.04E+00	2.18E-01	1.02E-01	2.63E-02	6.42E-10	1.65E-10
2.62E+00	3.79E-01	9.50E+00	3.11E+00	6.07E+00	1.96E+00	4.57E+00	1.44E+00	3.07E+00	9.49E-01	2.06E+00	4.61E-01	1.20E+00	2.64E-01	9.10E-02	2.79E-02	5.67E-10	1.75E-10
1.79E+00	3.59E-01	1.16E+01	3.39E+00	7.31E+00	2.07E+00	5.76E+00	1.56E+00	2.31E+00	9.53E-01	1.55E+00	5.51E-01	8.71E-01	3.17E-01	1.15E-01	3.00E-02	7.23E-10	1.88E-10
2.37E+00	6.02E-01	1.19E+01	3.09E+00	7.72E+00	1.80E+00	5.63E+00	1.39E+00	3.66E+00	7.75E-01	1.97E+00	6.60E-01	1.10E+00	3.80E-01	1.11E-01	2.64E-02	6.97E-10	1.66E-10
2.83E+00	5.20E-01	1.94E+01	3.18E+00	1.17E+01	2.02E+00	9.53E+00	1.46E+00	3.57E+00	1.05E+00	2.98E+00	5.30E-01	1.92E+00	2.99E-01	1.85E-01	2.83E-02	1.17E-09	1.78E-10
2.61E+00	3.88E-01	9.05E+00	2.51E+00	5.76E+00	1.46E+00	4.34E+00	1.13E+00	2.66E+00	6.32E-01	1.78E+00	4.79E-01	1.09E+00	2.75E-01	8.59E-02	2.13E-02	5.40E-10	1.34E-10
3.00E+00	6.27E-01	1.34E+01	2.20E+00	8.69E+00	1.33E+00	6.21E+00	9.97E-01	4.54E+00	6.64E-01	1.84E+00	4.36E-01	1.02E+00	2.43E-01	1.22E-01	1.89E-02	7.66E-10	1.19E-10
2.14E+00	3.77E-01	1.46E+01	2.29E+00	8.85E+00	1.36E+00	6.81E+00	1.04E+00	3.95E+00	6.37E-01	2.03E+00	4.27E-01	1.22E+00	2.43E-01	1.33E-01	1.96E-02	8.37E-10	1.23E-10
1.59E+00	2.53E-01	1.28E+01	2.18E+00	8.22E+00	1.33E+00	6.06E+00	9.97E-01	3.47E+00	6.29E-01	1.70E+00	3.70E-01	1.02E+00	2.11E-01	1.21E-01	1.91E-02	7.47E-10	1.20E-10
1.97E+00	2.63E-01	9.27E+00	2.29E+00	5.90E+00	1.38E+00	4.38E+00	1.06E+00	2.53E+00	6.00E-01	1.60E+00	3.89E-01	9.17E-01	2.26E-01	8.78E-02	2.02E-02	5.39E-10	1.27E-10
2.19E+00	2.81E-01	9.69E+00	2.08E+00	5.85E+00	1.26E+00	4.46E+00	9.55E-01	2.55E+00	5.62E-01	1.61E+00	3.44E-01	9.33E-01	1.99E-01	8.55E-02	1.83E-02	5.37E-10	1.15E-10
2.31E+00	2.39E-01	1.34E+01	1.99E+00	8.74E+00	1.22E+00	6.28E+00	9.01E-01	3.57E+00	6.25E-01	1.93E+00	3.39E-01	1.15E+00	1.90E-01	1.30E-01	1.72E-02	7.71E-10	1.08E-10
2.06E+00	3.39E-01	1.49E+01	2.72E+00	9.69E+00	1.63E+00	6.89E+00	1.24E+00	4.32E+00	7.37E-01	2.19E+00	4.76E-01	1.28E+00	2.74E-01	1.42E-01	2.37E-02	8.44E-10	1.48E-10
2.28E+00	3.06E-01	9.20E+00	2.62E+00	5.81E+00	1.59E+00	4.21E+00	1.20E+00	3.07E+00	7.35E-01	1.69E+00	4.48E-01	1.01E+00	2.57E-01	8.17E-02	2.29E-02	5.08E-10	1.44E-10
2.33E+00	3.47E-01	1.44E+01	3.41E+00	9.24E+00	2.08E+00	6.86E+00	1.57E+00	3.61E+00	9.19E-01	1.88E+00	5.52E-01	1.16E+00	3.20E-01	1.38E-01	3.03E-02	8.48E-10	1.90E-10
1.63E+00	3.18E-01	1.36E+01	2.83E+00	8.68E+00	1.72E+00	6.37E+00	1.30E+00	3.85E+00	7.81E-01	2.00E+00	4.56E-01	1.18E+00	2.63E-01	1.27E-01	2.50E-02	7.78E-10	1.57E-10
1.07E+00	2.43E-01	1.03E+01	2.37E+00	6.26E+00	1.44E+00	4.78E+00	1.10E+00	2.93E+00	6.05E-01	1.65E+00	3.80E-01	9.72E-01	2.24E-01	9.22E-02	2.13E-02	5.78E-10	1.33E-10
1.30E+00	2.38E-01	9.93E+00	1.69E+00	6.29E+00	1.05E+00	4.56E+00	7.78E-01	2.76E+00	4.82E-01	1.34E+00	2.59E-01	7.74E-01	1.50E-01	9.16E-02	1.51E-02	5.64E-10	9.46E-11
3.48E+00	2.85E-01	1.03E+01	2.02E+00	6.69E+00	1.23E+00	4.57E+00	9.25E-01	2.73E+00	5.53E-01	2.37E+00	3.42E-01	1.46E+00	1.95E-01	9.76E-02	1.79E-02	5.73E-10	1.12E-10
1.41E+00	2.55E-01	1.23E+01	1.57E+00	8.02E+00	9.39E-01	5.43E+00	7.10E-01	3.06E+00	4.38E-01	1.68E+00	3.12E-01	1.01E+00	1.80E-01	1.18E-01	1.35E-02	6.87E-10	8.48E-11
2.20E+00	2.39E-01	1.07E+01	1.59E+00	6.88E+00	9.43E-01	4.54E+00	7.15E-01	2.64E+00	4.48E-01	1.49E+00	3.03E-01	8.96E-01	1.71E-01	1.01E-01	1.35E-02	5.82E-10	8.47E-11
2.21E+00	2.68E-01	1.25E+01	2.25E+00	7.70E+00	1.40E+00	5.65E+00	1.03E+00	3.90E+00	6.78E-01	2.02E+00	3.33E-01	1.13E+00	1.90E-01	1.09E-01	2.00E-02	6.82E-10	1.26E-10
1.85E+00	2.93E-01	1.49E+01	2.17E+00	9.34E+00	1.30E+00	6.52E+00	9.81E-01	3.60E+00	6.07E-01	2.09E+00	3.89E-01	1.24E+00	2.21E-01	1.36E-01	1.86E-02	8.28E-10	1.17E-10
1.95E+00	2.55E-01	1.56E+01	2.91E+00	9.74E+00	1.80E+00	7.18E+00	1.33E+00	4.63E+00	8.50E-01	2.29E+00	4.38E-01	1.31E+00	2.50E-01	1.39E-01	2.58E-02	8.77E-10	1.62E-10
2.14E+00	3.00E-01	1.26E+01	2.27E+00	7.92E+00	1.36E+00	5.81E+00	1.03E+00	3.73E+00	6.45E-01	2.02E+00	4.03E-01	1.16E+00	2.29E-01	1.14E-01	1.95E-02	7.15E-10	1.23E-10
2.13E+00	3.18E-01	1.56E+01	1.75E+00	9.60E+00	1.09E+00	7.18E+00	8.09E-01	4.37E+00	5.13E-01	2.40E+00	3.05E-01	1.38E+00	1.68E-01	1.39E-01	1.57E-02	8.73E-10	9.88E-11
1.92E+00	2.92E-01	1.69E+01	2.06E+00	1.06E+01	1.27E+00	7.84E+00	9.40E-01	4.72E+00	5.96E-01	2.47E+00	3.15E-01	1.45E+00	1.79E-01	1.54E-01	1.82E-02	9.60E-10	1.14E-10
2.20E+00	2.57E-01	1.81E+01	1.61E+00	1.13E+01	9.73E-01	8.39E+00	7.19E-01	4.98E+00	4.63E-01	2.64E+00	3.15E-01	1.55E+00	1.73E-01	1.65E-01	1.41E-02	1.03E-09	8.86E-11
2.19E+00	2.77E-01	1.65E+01	1.66E+00	1.03E+01	1.04E+00	7.55E+00	7.65E-01	5.78E+00	4.88E-01	2.89E+00	3.06E-01	1.52E+00	1.68E-01	1.50E-01	1.49E-02	9.25E-10	9.38E-11
2.58E+00	2.43E-01	1.77E+01	2.42E+00	1.08E+01	1.51E+00	7.91E+00	1.13E+00	5.74E+00	6.84E-01	3.14E+00	3.57E-01	1.73E+00	2.09E-01	1.50E-01	2.19E-02	9.42E-10	1.37E-10
2.17E+00	2.21E-01	1.42E+01	2.79E+00	8.60E+00	1.75E+00	6.46E+00	1.29E+00	4.38E+00	8.22E-01	2.71E+00	4.05E-01	1.55E+00	2.35E-01	1.22E-01	2.52E-02	7.69E-10	1.58E-10
2.31E+00	3.97E-01	1.36E+01	2.42E+00	8.57E+00	1.53E+00	6.27E+00	1.11E+00	4.32E+00	8.04E-01	2.46E+00	4.29E-01	1.35E+00	2.36E-01	1.22E-01	2.14E-02	7.66E-10	1.34E-10
2.13E+00	3.63E-01	1.26E+01	1.62E+00	7.80E+00	1.01E+00	5.67E+00	7.25E-01	4.18E+00	5.64E-01	2.15E+00	3.71E-01	1.22E+00	2.09E-01	1.08E-01	1.39E-02	6.81E-10	8.68E-11
1.97E+00	2.77E-01	1.28E+01	1.34E+00	8.33E+00	8.27E-01	6.02E+00	6.16E-01	4.08E+00	4.41E-01	1.88E+00	2.59E-01	9.96E-01	1.47E-01	1.19E-01	1.20E-02	7.46E-10	7.51E-11
1.09E+00	1.43E-01	6.17E+00	1.23E+00	3.98E+00	7.59E-01	2.91E+00	5.67E-01	1.71E+00	3.45E-01	8.72E-01	1.88E-01	4.82E-01	1.09E-01	5.85E-02	1.10E-02	3.60E-10	6.89E-11
8.75E-01	1.22E-01	6.19E+00	1.17E+00	3.97E+00	7.24E-01	3.02E+00	5.42E-01	1.68E+00	3.27E-01	8.27E-01	1.83E-01	4.76E-01	1.06E-01	6.18E-02	1.05E-02	3.78E-10	6.57E-11
1.12E+00	1.37E-01	6.15E+00	1.08E+00	3.94E+00	6.62E-01	3.00E+00	4.97E-01	1.72E+00	2.99E-01	8.94E-01	1.71E-01	5.14E-01	9.91E-02	6.15E-02	9.60E-03	3.76E-10	6.02E-11
1.24E+00	1.47E-01	5.65E+00	9.26E-01	3.62E+00	5.69E-01	2.76E+00	4.28E-01	1.60E+00	2.57E-01	9.14E-01	1.56E-01	5.18E-01	8.91E-02	5.65E-02	8.25E-03	3.45E-10	5.17E-11
1.38E+00	1.75E-01	6.36E+00	9.10E-01	4.09E+00	5.77E-01	3.02E+00	4.21E-01	1.93E+00	2.84E-01	1.07E+00	1.79E-01	5.76E-01	1.02E-01	5.98E-02	8.20E-03	3.76E-10	5.15E-11
1.66E+00	2.86E-01	1.76E+01	3.29E+00	1.14E+01	2.12E+00	8.34E+00	1.58E+00	5.15E+00	8.30E-01	2.10E+00	3.77E-01	1.25E+00	2.37E-01	1.67E-01	3.17E-02	1.04E-09	1.97E-10
1.90E+00	3.12E-01	1.26E+01	2.51E+00	8.20E+00	1.62E+00	6.07E+00	1.19E+00	3.81E+00	7.02E-01	1.52E+00	3.26E-01	8.96E-01	1.89E-01	1.23E-01	2.37E-02	7.65E-10	1.48E-10
1.84E+00	3.18E-01	1.34E+01	2.15E+00	8.43E+00	1.36E+00	6.67E+00	9.88E-01	3.60E+00	6.63E-01	1.67E+00	3.50E-01	1.07E+00	1.99E-01	1.37E-01	1.94E-02	8.37E-10	1.20E-10
2.00E+00	3.55E-01	1.50E+01	2.75E+00	9.34E+00	1.74E+00	7.43E+00	1.29E+00	4.19E+00	7.68E-01	1.81E+00	4.10E-01	1.25E+00	2.32E-01	1.51E-01	2.55E-02	9.27E-10	1.58E-10
2.09E+00	4.19E-01	2.39E+01	4.12E+00	1.52E+01	2.62E+00	1.16E+01	1.93E+00	6.92E+00	1.18E+00	2.80E+00	5.61E-01	1.73E+00	3.30E-01	2.37E-01	3.81E-02	1.46E-09	2.37E-10
2.34E+00	4.53E-01	3.67E+01	3.50E+00	2.31E+01	2.22E+00	1.83E+01	1.63E+00	7.20E+00	1.02E+00	3.77E+00	4.94E-01	2.70E+00	2.89E-01	3.73E-01	3.21E-02	2.31E-09	2.00E-10
2.60E+00	5.45E-01	2.74E+01	3.07E+00	1.77E+01	1.98E+00	1.30E+01	1.46E+00	8.00E+00	8.56E-01	3.25E+00	4.29E-01	1.94E+00	2.40E-01	2.58E-01	2.90E-02	1.61E-09	1.81E-10
2.48E+00	4.29E-01	1.88E+01	3.51E+00	1.22E+01	2.28E+00	8.88E+00	1.65E+00	5.66E+00	1.09E+00	2.71E+00	4.33E-01	1.61E+00	2.52E-01	1.76E-01	3.26E-02	1.10E-09	2.04E-10
2.67E+00	3.90E-01	2.13E+01	3.45E+00	1.34E+01	2.17E+00	1.06E+01	1.69E+00	5.71E+00	9.03E-01	2.46E+00	4.78E-01	1.54E+00	2.69E-01	2.15E-01	3.38E-02	1.34E-09	2.12E-10
2.45E+00	4.99E-01	2.19E+01	3.34E+00	1.37E+01	2.09E+00	1.10E+01	1.64E+00	4.43E+00	1.00E+00	2.24E+00	6.25E-01	1.58E+00	3.49E-01	2.20E-01	3.28E-02	1.38E-09	2.05E-10
2.37E+00	6.24E-01	2.03E+01	3.20E+00	1.29E+01	2.04E+00	9.90E+00	1.53E+00	4.57E+00	8.25E-01	2.53E+00	5.60E-01	1.46E+00	3.14E-01	1.98E-01	3.03E-02	1.24E-09	1.89E-10
2.40E+00	6.07E-01	1.83E+01	4.14E+00	1.19E+01	2.66E+00	8.66E+00	1.94E+00	5.50E+00	1.27E+00	2.39E+00	5.23E-01	1.34E+00	3.05E-01	1.71E-01	3.82E-02	1.07E-09	2.39E-10
2.73E+00	4.27E-01	1.17E+01	3.19E+00	7.18E+00	2.02E+00	5.76E+00	1.48E+00	3.71E+00	9.69E-01	2.24E+00	4.58E-01	1.30E+00	2.64E-01	1.14E-01	2.89E-02	7.14E-10	1.81E-10
2.19E+00	3.27E-01	1.61E+01	3.63E+00	1.01E+01	2.25E+00	7.95E+00	1.68E+00	2.79E+00	1.04E+00	2.15E+00	5.57E-01	1.21E+00	3.22E-01	1.59E-01	3.25E-02	9.99E-10	2.03E-10
1.90E+00	4.69E-01	1.12E+01	2.90E+00	7.19E+00	1.69E+00	5.36E+00	1.31E+00	2.97E+00	7.29E-01	1.50E+00	5.64E-01	8.04E-01	3.25E-01	1.06E-01	2.47E-02	6.68E-10	1.55E-10
2.10E+00	4.50E-01	1.32E+01	2.53E+00	7.93E+00	1.59E+00	6.37E+00	1.17E+00	2.36E+00	7.63E-01	2.04E+00	4.62E-01	1.29E+00	2.67E-01	1.24E-01	2.28E-02	7.77E-10	1.43E-10
2.73E+00	3.98E-01	9.95E+00	2.84E+00	6.11E+00	1.69E+00	4.94E+00	1.29E+00	2.68E+00	7.59E-01	1.98E+00	5.22E-01	1.23E+00	2.99E-01	9.77E-02	2.44E-02	6.14E-10	1.54E-10
1.85E+00	2.95E-01	8.17E+00	1.59E+00	5.04E+00	9.72E-01	3.76E+00	7.30E-01	2.36E+00	4.51E-01	1.44E+00	3.22E-01	8.18E-01	1.83E-01	7.25E-02	1.40E-02	4.56E-10	8.79E-11
2.20E+00	4.24E-01	1.18E+01	2.16E+00	7.62E+00	1.30E+00	5.60E+00	9.80E-01	3.44E+00	6.30E-01	1.65E+00	3.84E-01	1.03E+00	2.19E-01	1.11E-01	1.86E-02	6.96E-10	1.17E-10
2.32E+00	3.46E-01	1.25E+01	2.00E+00	8.04E+00	1.22E+00	5.89E+00	9.13E-01	3.50E+00	5.90E-01	1.85E+00	3.69E-01	1.12E+00	2.14E-01	1.18E-01	1.75E-02	7.26E-10	1.10E-10
2.34E+00	2.82E-01	1.12E+01	2.37E+00	7.15E+00	1.44E+00	5.46E+00	1.09E+00	2.96E+00	6.65E-01	1.69E+00	4.06E-01	9.75E-01	2.33E-01	1.08E-01	2.07E-02	6.82E-10	1.30E-10
2.81E+00	3.13E-01	1.26E+01	2.23E+00	8.10E+00	1.35E+00	6.02E+00	1.03E+00	3.44E+00	5.71E-01	2.20E+00	3.79E-01	1.24E+00	2.18E-01	1.19E-01	1.98E-02	7.49E-10	1.24E-10
2.21E+00	2.69E-01	1.00E+01	2.06E+00	6.10E+00	1.25E+00	4.47E+00	9.49E-01	3.30E+00	5.43E-01	1.91E+00	3.34E-01	1.08E+00	1.94E-01	8.54E-02	1.83E-02	5.37E-10	1.15E-10
3.09E+00	3.33E-01	1.29E+01	2.39E+00	8.47E+00	1.47E+00	6.07E+00	1.09E+00	3.42E+00	7.27E-01	1.83E+00	3.98E-01	1.10E+00	2.25E-01	1.26E-01	2.08E-02	7.46E-10	1.31E-10
2.35E+00	3.49E-01	1.35E+01	2.72E+00	8.82E+00	1.64E+00	6.23E+00	1.24E+00	3.97E+00	7.32E-01	1.98E+00	4.77E-01	1.15E+00	2.75E-01	1.29E-01	2.38E-02	7.63E-10	1.49E-10
2.73E+00	3.52E-01	9.38E+00	2.59E+00	5.76E+00	1.58E+00	4.28E+00	1.19E+00	2.80E+00	7.50E-01	2.04E+00	4.37E-01	1.21E+00	2.50E-01	8.48E-02	2.27E-02	5.17E-10	1.42E-10
2.74E+00	4.34E-01	1.60E+01	3.40E+00	1.03E+01	2.09E+00	7.60E+00	1.57E+00	4.00E+00	9.24E-01	2.10E+00	5.40E-01	1.29E+00	3.14E-01	1.54E-01	3.04E-02	9.40E-10	1.90E-10
2.01E+00	4.15E-01	1.49E+01	3.20E+00	9.55E+00	1.97E+00	6.97E+00	1.48E+00	4.24E+00	9.01E-01	2.18E+00	4.98E-01	1.28E+00	2.87E-01	1.39E-01	2.85E-02	8.53E-10	1.79E-10
1.41E+00	2.65E-01	1.14E+01	2.49E+00	7.00E+00	1.53E+00	5.28E+00	1.15E+00	4.63E+00	6.53E-01	1.76E+00	3.94E-01	1.03E+00	2.31E-01	1.02E-01	2.24E-02	6.40E-10	1.40E-10
1.37E+00	2.91E-01	9.33E+00	1.51E+00	5.97E+00	9.40E-01	4.26E+00	6.96E-01	3.12E+00	4.33E-01	1.27E+00	2.70E-01	7.10E-01	1.52E-01	8.68E-02	1.36E-02	5.31E-10	8.49E-11
3.24E+00	2.35E-01	8.66E+00	1.92E+00	5.45E+00	1.18E+00	3.83E+00	8.86E-01	2.24E+00	5.36E-01	2.34E+00	3.07E-01	1.39E+00	1.76E-01	7.96E-02	1.72E-02	4.80E-10	1.08E-10
1.99E+00	2.57E-01	1.12E+01	1.65E+00	7.26E+00	9.78E-01	4.66E+00	7.50E-01	2.69E+00	4.37E-01	1.53E+00	3.14E-01	9.41E-01	1.81E-01	1.06E-01	1.42E-02	6.03E-10	8.90E-11
1.65E+00	2.26E-01	1.03E+01	1.46E+00	6.63E+00	9.06E-01	4.08E+00	6.55E-01	2.79E+00	4.22E-01	1.39E+00	2.62E-01	8.34E-01	1.47E-01	9.70E-02	1.30E-02	5.38E-10	8.12E-11

Scenario 2 Results

2.00E+00	2.44E-01	1.08E+01	1.75E+00	6.86E+00	1.10E+00	5.02E+00	8.08E-01	3.27E+00	5.20E-01	1.53E+00	3.20E-01	8.78E-01	1.83E-01	9.82E-02	1.57E-02	6.17E-10	9.87E-11
2.04E+00	2.79E-01	1.48E+01	2.40E+00	9.21E+00	1.48E+00	6.01E+00	1.09E+00	3.54E+00	7.00E-01	2.07E+00	3.66E-01	1.23E+00	2.08E-01	1.33E-01	2.12E-02	7.84E-10	1.33E-10
1.66E+00	2.78E-01	1.71E+01	2.14E+00	1.07E+01	1.35E+00	6.49E+00	9.91E-01	3.52E+00	6.30E-01	2.32E+00	3.42E-01	1.38E+00	1.96E-01	1.54E-01	1.94E-02	8.75E-10	1.22E-10
1.90E+00	2.66E-01	1.57E+01	2.91E+00	9.72E+00	1.79E+00	7.21E+00	1.34E+00	4.48E+00	8.32E-01	2.33E+00	4.45E-01	1.35E+00	2.56E-01	1.40E-01	2.58E-02	8.80E-10	1.62E-10
2.09E+00	2.73E-01	1.41E+01	2.15E+00	8.83E+00	1.29E+00	6.52E+00	9.75E-01	4.03E+00	6.03E-01	1.93E+00	3.76E-01	1.12E+00	2.15E-01	1.28E-01	1.86E-02	8.02E-10	1.17E-10
1.94E+00	3.13E-01	1.49E+01	1.99E+00	9.12E+00	1.25E+00	6.84E+00	9.22E-01	4.06E+00	5.77E-01	2.30E+00	2.99E-01	1.34E+00	1.65E-01	1.32E-01	1.80E-02	8.32E-10	1.13E-10
2.00E+00	2.78E-01	1.49E+01	2.08E+00	9.34E+00	1.30E+00	6.88E+00	9.56E-01	4.18E+00	6.27E-01	2.14E+00	3.14E-01	1.25E+00	1.79E-01	1.36E-01	1.85E-02	8.44E-10	1.16E-10
2.04E+00	2.28E-01	1.59E+01	1.52E+00	9.95E+00	9.09E-01	7.35E+00	6.61E-01	4.39E+00	4.48E-01	2.31E+00	2.87E-01	1.36E+00	1.57E-01	1.45E-01	1.30E-02	9.02E-10	8.16E-11
2.00E+00	2.54E-01	1.57E+01	1.55E+00	9.82E+00	9.73E-01	7.06E+00	7.17E-01	5.68E+00	4.66E-01	2.71E+00	2.98E-01	1.42E+00	1.64E-01	1.44E-01	1.40E-02	8.73E-10	8.80E-11
3.31E+00	2.64E-01	2.08E+01	2.45E+00	1.28E+01	1.52E+00	9.22E+00	1.14E+00	7.24E+00	6.87E-01	3.71E+00	3.66E-01	2.00E+00	2.14E-01	1.75E-01	2.21E-02	1.10E-09	1.38E-10
3.06E+00	2.54E-01	2.50E+01	3.87E+00	1.51E+01	2.43E+00	1.14E+01	1.82E+00	7.18E+00	1.06E+00	4.30E+00	5.37E-01	2.45E+00	3.18E-01	2.17E-01	3.55E-02	1.36E-09	2.23E-10
2.27E+00	3.60E-01	1.56E+01	2.98E+00	9.88E+00	1.88E+00	7.13E+00	1.38E+00	5.06E+00	9.16E-01	2.69E+00	4.34E-01	1.54E+00	2.49E-01	1.39E-01	2.68E-02	8.74E-10	1.68E-10
2.36E+00	3.99E-01	1.52E+01	2.24E+00	9.49E+00	1.42E+00	6.94E+00	1.01E+00	4.74E+00	7.75E-01	2.56E+00	4.32E-01	1.44E+00	2.43E-01	1.34E-01	1.96E-02	8.44E-10	1.22E-10
1.34E+00	1.85E-01	6.64E+00	1.12E+00	4.29E+00	6.84E-01	3.14E+00	5.17E-01	2.22E+00	3.53E-01	1.24E+00	1.80E-01	6.60E-01	1.05E-01	6.21E-02	9.97E-03	3.90E-10	6.25E-11
8.95E-01	1.27E-01	6.30E+00	1.06E+00	4.02E+00	6.60E-01	3.08E+00	4.92E-01	1.53E+00	3.00E-01	8.08E-01	1.62E-01	4.73E-01	9.37E-02	6.30E-02	9.55E-03	3.87E-10	5.99E-11
9.86E-01	1.19E-01	6.20E+00	1.10E+00	3.96E+00	6.82E-01	3.04E+00	5.10E-01	1.59E+00	3.08E-01	8.28E-01	1.70E-01	4.65E-01	9.88E-02	6.22E-02	9.88E-03	3.81E-10	6.19E-11
9.36E-01	1.17E-01	5.90E+00	1.06E+00	3.73E+00	6.52E-01	2.79E+00	4.89E-01	1.85E+00	2.94E-01	8.24E-01	1.65E-01	4.71E-01	9.61E-02	5.72E-02	9.45E-03	3.50E-10	5.92E-11
1.29E+00	1.56E-01	7.79E+00	9.88E-01	4.79E+00	6.08E-01	3.51E+00	4.57E-01	2.47E+00	2.74E-01	1.27E+00	1.69E-01	7.00E-01	9.40E-02	6.73E-02	8.83E-03	4.23E-10	5.53E-11
1.68E+00	3.02E-01	1.22E+01	2.20E+00	7.93E+00	1.43E+00	5.72E+00	1.04E+00	3.77E+00	6.66E-01	1.56E+00	3.17E-01	8.73E-01	1.81E-01	1.14E-01	2.07E-02	7.09E-10	1.29E-10
1.66E+00	2.79E-01	1.12E+01	2.02E+00	7.27E+00	1.28E+00	5.28E+00	9.45E-01	3.33E+00	5.57E-01	1.54E+00	3.46E-01	8.70E-01	1.96E-01	1.05E-01	1.88E-02	6.55E-10	1.16E-10
1.75E+00	3.47E-01	1.54E+01	2.73E+00	9.75E+00	1.73E+00	7.52E+00	1.28E+00	4.13E+00	7.73E-01	1.69E+00	3.78E-01	1.15E+00	2.22E-01	1.54E-01	2.53E-02	9.43E-10	1.57E-10
1.94E+00	3.70E-01	1.80E+01	2.94E+00	1.14E+01	1.86E+00	8.76E+00	1.37E+00	5.24E+00	8.65E-01	2.09E+00	4.22E-01	1.31E+00	2.45E-01	1.79E-01	2.69E-02	1.10E-09	1.67E-10
2.04E+00	4.51E-01	2.50E+01	2.22E+00	1.58E+01	1.40E+00	1.25E+01	1.03E+00	4.99E+00	6.72E-01	2.58E+00	3.61E-01	1.85E+00	2.02E-01	2.55E-01	2.03E-02	1.57E-09	1.25E-10
2.53E+00	4.85E-01	2.68E+01	3.47E+00	1.74E+01	2.24E+00	1.27E+01	1.65E+00	7.84E+00	9.78E-01	3.19E+00	4.15E-01	1.91E+00	2.51E-01	2.54E-01	3.28E-02	1.58E-09	2.05E-10
2.10E+00	3.50E-01	1.90E+01	3.98E+00	1.18E+01	2.58E+00	9.10E+00	1.87E+00	5.46E+00	1.24E+00	2.79E+00	4.90E-01	1.74E+00	2.85E-01	1.78E-01	3.70E-02	1.11E-09	2.31E-10
2.42E+00	3.64E-01	2.55E+01	4.40E+00	1.60E+01	2.77E+00	1.27E+01	2.16E+00	6.65E+00	1.07E+00	2.67E+00	5.68E-01	1.85E+00	3.22E-01	2.57E-01	4.33E-02	1.60E-09	2.71E-10
2.19E+00	4.85E-01	2.15E+01	3.15E+00	1.35E+01	1.92E+00	1.07E+01	1.51E+00	4.38E+00	9.44E-01	2.16E+00	5.98E-01	1.55E+00	3.33E-01	2.16E-01	3.02E-02	1.35E-09	1.89E-10
2.04E+00	5.51E-01	1.73E+01	2.83E+00	1.10E+01	1.80E+00	8.42E+00	1.35E+00	3.93E+00	7.28E-01	2.18E+00	4.84E-01	1.25E+00	2.71E-01	1.68E-01	2.68E-02	1.05E-09	1.68E-10
2.17E+00	5.59E-01	1.77E+01	3.95E+00	1.15E+01	2.54E+00	8.40E+00	1.85E+00	5.25E+00	1.19E+00	2.28E+00	4.96E-01	1.28E+00	2.91E-01	1.66E-01	3.66E-02	1.04E-09	2.29E-10
2.88E+00	5.22E-01	1.81E+01	3.76E+00	1.15E+01	2.40E+00	8.95E+00	1.76E+00	5.41E+00	1.13E+00	2.62E+00	5.15E-01	1.52E+00	3.00E-01	1.77E-01	3.45E-02	1.11E-09	2.16E-10
2.69E+00	3.09E-01	2.16E+01	4.00E+00	1.35E+01	2.51E+00	1.07E+01	1.86E+00	4.12E+00	1.16E+00	2.85E+00	5.82E-01	1.61E+00	3.38E-01	2.15E-01	3.62E-02	1.35E-09	2.27E-10
2.63E+00	4.89E-01	2.24E+01	3.46E+00	1.43E+01	2.05E+00	1.09E+01	1.57E+00	5.08E+00	8.93E-01	2.47E+00	6.33E-01	1.60E+00	3.64E-01	2.17E-01	2.99E-02	1.36E-09	1.87E-10
2.21E+00	5.00E-01	1.65E+01	2.98E+00	9.95E+00	1.88E+00	7.80E+00	1.39E+00	3.43E+00	8.46E-01	2.47E+00	5.20E-01	1.52E+00	3.00E-01	1.52E-01	2.73E-02	9.53E-10	1.71E-10
1.54E+00	3.15E-01	7.73E+00	2.26E+00	4.64E+00	1.36E+00	3.78E+00	1.03E+00	2.11E+00	6.25E-01	1.63E+00	4.04E-01	1.03E+00	2.30E-01	7.12E-02	1.96E-02	4.47E-10	1.23E-10
2.34E+00	3.28E-01	9.64E+00	2.13E+00	6.21E+00	1.24E+00	4.58E+00	9.63E-01	2.74E+00	5.31E-01	1.40E+00	4.05E-01	8.56E-01	2.33E-01	9.05E-02	1.81E-02	5.69E-10	1.14E-10
1.88E+00	3.86E-01	8.44E+00	1.73E+00	5.38E+00	1.05E+00	4.09E+00	7.87E-01	2.60E+00	5.15E-01	1.23E+00	3.05E-01	7.06E-01	1.73E-01	8.12E-02	1.49E-02	5.11E-10	9.38E-11
1.60E+00	2.81E-01	1.11E+01	1.89E+00	6.77E+00	1.13E+00	5.22E+00	8.59E-01	2.94E+00	5.31E-01	1.54E+00	3.49E-01	9.40E-01	1.99E-01	1.02E-01	1.63E-02	6.40E-10	1.02E-10
1.96E+00	2.69E-01	1.27E+01	2.19E+00	8.18E+00	1.39E+00	6.09E+00	1.03E+00	3.44E+00	6.43E-01	1.63E+00	3.60E-01	9.20E-01	2.06E-01	1.20E-01	2.01E-02	7.58E-10	1.26E-10
2.26E+00	2.84E-01	1.48E+01	2.40E+00	9.62E+00	1.45E+00	6.95E+00	1.10E+00	4.75E+00	6.52E-01	2.11E+00	4.11E-01	1.19E+00	2.37E-01	1.37E-01	2.11E-02	8.60E-10	1.32E-10
3.14E+00	3.35E-01	1.52E+01	2.04E+00	9.94E+00	1.23E+00	7.04E+00	9.43E-01	5.33E+00	5.19E-01	2.71E+00	3.72E-01	1.55E+00	2.14E-01	1.38E-01	1.81E-02	8.69E-10	1.14E-10
2.38E+00	2.40E-01	1.36E+01	2.25E+00	8.66E+00	1.43E+00	6.37E+00	1.05E+00	4.21E+00	6.58E-01	2.22E+00	3.08E-01	1.24E+00	1.80E-01	1.24E-01	2.06E-02	7.77E-10	1.30E-10
2.77E+00	3.18E-01	1.23E+01	2.42E+00	8.10E+00	1.49E+00	5.78E+00	1.11E+00	3.26E+00	7.21E-01	1.73E+00	4.02E-01	1.04E+00	2.28E-01	1.21E-01	2.12E-02	7.12E-10	1.33E-10
2.32E+00	3.66E-01	1.21E+01	2.53E+00	7.95E+00	1.52E+00	5.58E+00	1.16E+00	3.62E+00	6.77E-01	1.77E+00	4.45E-01	1.02E+00	2.57E-01	1.16E-01	2.21E-02	6.84E-10	1.38E-10
2.51E+00	3.22E-01	1.02E+01	2.48E+00	6.58E+00	1.51E+00	4.82E+00	1.13E+00	2.54E+00	7.13E-01	1.85E+00	4.14E-01	1.10E+00	2.37E-01	9.92E-02	2.18E-02	5.95E-10	1.36E-10
2.21E+00	3.92E-01	1.66E+01	3.10E+00	1.07E+01	1.91E+00	7.85E+00	1.43E+00	4.21E+00	8.47E-01	2.20E+00	4.90E-01	1.34E+00	2.85E-01	1.60E-01	2.77E-02	9.69E-10	1.74E-10
2.16E+00	4.30E-01	1.47E+01	3.36E+00	9.43E+00	2.09E+00	6.85E+00	1.55E+00	4.46E+00	9.59E-01	2.17E+00	5.10E-01	1.27E+00	2.95E-01	1.37E-01	3.01E-02	8.38E-10	1.89E-10
1.55E+00	2.97E-01	1.43E+01	2.53E+00	9.39E+00	1.55E+00	6.37E+00	1.17E+00	5.98E+00	7.76E-01	1.93E+00	4.16E-01	1.07E+00	2.42E-01	1.24E-01	2.27E-02	7.79E-10	1.42E-10
1.43E+00	3.64E-01	1.13E+01	1.99E+00	7.28E+00	1.27E+00	5.22E+00	9.15E-01	3.72E+00	6.28E-01	1.72E+00	3.45E-01	8.25E-01	1.92E-01	1.03E-01	1.80E-02	6.44E-10	1.12E-10
2.57E+00	2.13E-01	8.38E+00	1.92E+00	5.32E+00	1.19E+00	3.63E+00	8.87E-01	3.08E+00	5.31E-01	2.23E+00	2.87E-01	1.24E+00	1.68E-01	7.73E-02	1.73E-02	4.59E-10	1.08E-10
3.38E+00	2.80E-01	1.03E+01	1.90E+00	6.67E+00	1.16E+00	4.37E+00	8.71E-01	2.94E+00	5.22E-01	2.42E+00	3.38E-01	1.49E+00	1.94E-01	9.64E-02	1.68E-02	5.41E-10	1.05E-10
1.31E+00	2.33E-01	1.02E+01	1.46E+00	6.60E+00	8.69E-01	3.84E+00	6.61E-01	2.71E+00	4.13E-01	1.33E+00	2.75E-01	8.04E-01	1.58E-01	9.59E-02	1.25E-02	5.21E-10	7.87E-11
1.83E+00	2.26E-01	9.97E+00	1.68E+00	6.42E+00	1.06E+00	4.74E+00	7.73E-01	2.99E+00	4.78E-01	1.27E+00	2.99E-01	7.59E-01	1.70E-01	9.37E-02	1.53E-02	5.89E-10	9.53E-11
1.95E+00	2.35E-01	1.28E+01	2.16E+00	7.97E+00	1.35E+00	5.48E+00	9.93E-01	3.68E+00	6.36E-01	1.87E+00	3.11E-01	1.07E+00	1.78E-01	1.14E-01	1.94E-02	6.65E-10	1.22E-10
1.83E+00	2.79E-01	1.75E+01	2.35E+00	1.10E+01	1.44E+00	5.78E+00	1.08E+00	3.43E+00	6.51E-01	2.36E+00	3.72E-01	1.40E+00	2.13E-01	1.55E-01	2.09E-02	8.29E-10	1.31E-10
1.58E+00	2.44E-01	1.79E+01	2.56E+00	1.13E+01	1.60E+00	6.14E+00	1.19E+00	3.89E+00	7.33E-01	2.36E+00	3.58E-01	1.40E+00	2.08E-01	1.58E-01	2.31E-02	8.07E-10	1.45E-10
1.80E+00	2.69E-01	1.49E+01	2.86E+00	9.19E+00	1.76E+00	6.86E+00	1.31E+00	4.14E+00	8.06E-01	2.26E+00	4.43E-01	1.31E+00	2.56E-01	1.33E-01	2.54E-02	8.36E-10	1.60E-10
1.94E+00	2.64E-01	1.45E+01	2.07E+00	9.08E+00	1.25E+00	6.73E+00	9.43E-01	4.08E+00	5.78E-01	2.03E+00	3.56E-01	1.18E+00	2.04E-01	1.32E-01	1.80E-02	8.27E-10	1.13E-10
1.78E+00	2.96E-01	1.36E+01	2.00E+00	8.31E+00	1.26E+00	6.25E+00	9.30E-01	3.82E+00	5.81E-01	2.12E+00	2.84E-01	1.24E+00	1.61E-01	1.21E-01	1.82E-02	7.60E-10	1.14E-10
1.95E+00	2.57E-01	1.29E+01	2.00E+00	8.13E+00	1.25E+00	5.97E+00	9.19E-01	3.74E+00	6.02E-01	1.83E+00	2.99E-01	1.07E+00	1.71E-01	1.18E-01	1.78E-02	7.34E-10	1.12E-10
2.13E+00	2.34E-01	1.36E+01	1.61E+00	8.51E+00	9.71E-01	6.28E+00	6.74E-01	4.62E+00	4.85E-01	2.38E+00	2.95E-01	1.25E+00	1.62E-01	1.24E-01	1.34E-02	7.71E-10	8.18E-11
2.07E+00	2.53E-01	1.77E+01	1.68E+00	1.09E+01	1.00E+00	7.87E+00	7.34E-01	6.34E+00	5.13E-01	3.00E+00	3.18E-01	1.59E+00	1.76E-01	1.55E-01	1.44E-02	9.71E-10	9.03E-11
3.06E+00	2.44E-01	1.41E+01	1.56E+00	8.71E+00	9.66E-01	6.49E+00	7.16E-01	5.48E+00	4.59E-01	2.95E+00	2.61E-01	1.54E+00	1.44E-01	1.30E-01	1.39E-02	7.94E-10	8.65E-11
2.55E+00	2.01E-01	1.71E+01	2.38E+00	1.03E+01	1.49E+00	7.60E+00	1.11E+00	5.49E+00	6.52E-01	3.22E+00	3.40E-01	1.77E+00	2.01E-01	1.43E-01	2.17E-02	8.98E-10	1.36E-10
2.86E+00	3.41E-01	2.00E+01	3.56E+00	1.21E+01	2.25E+00	9.10E+00	1.67E+00	5.67E+00	1.01E+00	3.68E+00	4.93E-01	2.11E+00	2.91E-01	1.73E-01	3.26E-02	1.09E-09	2.04E-10
2.14E+00	3.55E-01	1.31E+01	2.54E+00	8.33E+00	1.61E+00	5.99E+00	1.17E+00	4.57E+00	8.14E-01	2.33E+00	3.90E-01	1.30E+00	2.18E-01	1.16E-01	2.28E-02	7.31E-10	1.42E-10
1.06E+00	1.54E-01	6.36E+00	1.08E+00	4.05E+00	6.64E-01	3.12E+00	5.01E-01	1.87E+00	3.43E-01	9.55E-01	1.73E-01	5.48E-01	1.01E-01	6.37E-02	9.68E-03	3.92E-10	6.06E-11
9.15E-01	1.17E-01	6.32E+00	9.38E-01	4.03E+00	5.83E-01	3.10E+00	4.35E-01	1.46E+00	2.64E-01	8.47E-01	1.41E-01	4.96E-01	8.18E-02	6.34E-02	8.44E-03	3.89E-10	5.29E-11
9.36E-01	1.26E-01	5.84E+00	1.00E+00	3.73E+00	6.21E-01	2.87E+00	4.64E-01	1.52E+00	2.81E-01	7.42E-01	1.53E-01	4.37E-01	8.88E-02	5.87E-02	8.99E-03	3.60E-10	5.64E-11
1.10E+00	1.24E-01	5.96E+00	1.03E+00	3.80E+00	6.34E-01	2.79E+00	4.75E-01	1.80E+00	2.86E-01	9.91E-01	1.59E-01	5.47E-01	9.22E-02	5.49E-02	9.19E-03	3.45E-10	5.76E-11
1.41E+00	2.64E-01	9.95E+00	1.83E+00	6.29E+00	1.16E+00	4.84E+00	8.55E-01	2.70E+00	5.11E-01	1.16E+00	3.00E-01	7.26E-01	1.70E-01	9.97E-02	1.70E-02	6.07E-10	1.05E-10
1.58E+00	3.17E-01	1.45E+01	2.43E+00	9.19E+00	1.54E+00	7.09E+00	1.13E+00	3.97E+00	7.01E-01	1.59E+00	3.46E-01	1.06E+00	2.02E-01	1.46E-01	2.24E-02	8.90E-10	1.39E-10
1.89E+00	3.26E-01	1.76E+01	2.37E+00	1.11E+01	1.50E+00	8.80E+00	1.10E+00	4.61E+00	7.11E-01	1.82E+00	3.52E-01	1.30E+00	2.03E-01	1.80E-01	2.16E-02	1.11E-09	1.34E-10
1.94E+00	4.33E-01	1.74E+01	1.61E+00	1.10E+01	1.03E+00	8.70E+00	7.68E-01	4.50E+00	4.54E-01	1.84E+00	3.38E-01	1.30E+00	1.89E-01	1.78E-01	1.53E-02	1.10E-09	9.54E-11
2.19E+00	4.22E-01	1.99E+01	2.90E+00	1.29E+01	1.87E+00	9.41E+00	1.37E+00	5.93E+00	8.44E-01	2.39E+00	3.51E-01	1.42E+00	2.09E-01	1.88E-01	2.73E-02	1.17E-09	1.70E-10
1.88E+00	2.83E-01	1.46E+01	2.79E+00	9.45E+00	1.81E+00	7.04E+00	1.30E+00	4.28E+00	9.04E-01	2.03E+00	3.50E-01	1.23E+00	2.00E-01	1.42E-01	2.57E-02	8.86E-10	1.61E-10
2.14E+00	3.34E-01	1.69E+01	2.92E+00	1.06E+01	1.84E+00	8.43E+00	1.44E+00	4.31E+00	7.65E-01	1.97E+00	4.30E-01	1.23E+00	2.42E-01	1.71E-01	2.88E-02	1.06E-09	1.80E-10
1.95E+00	4.36E-01	1.80E+01	2.59E+00	1.13E+01	1.53E+00	8.99E+00	1.20E+00	3.72E+00	7.81E-01	1.82E+00	5.14E-01	1.30E+00	2.86E-01	1.81E-01	2.39E-02	1.13E-09	1.49E-10
1.93E+00	5.30E-01	1.74E+01	2.85E+00	1.11E+01	1.82E+00	8.49E+00	1.36E+00	3.96E+00	7.23E-01	2.07E+00	4.63E-01	1.25E+00	2.58E-01	1.70E-01	2.71E-02	1.06E-09	1.69E-10
1.90E+00	4.73E-01	1.45E+01	3.28E+00	9.38E+00	2.11E+00	6.85E+00	1.54E+00	4.30E+00	9.86E-01	1.96E+00	4.13E-01	1.10E+00	2.42E-01	1.36E-01	3.04E-02	8.51E-10	1.90E-10
2.50E+00	4.30E-01	1.35E+01	3.00E+00	8.78E+00	1.91E+00	6.51E+00	1.40E+00	4.16E+00	8.98E-01	2.18E+00	4.16E-01	1.26E+00	2.42E-01	1.29E-01	2.75E-02	8.07E-10	1.71E-10
2.74E+00	2.92E-01	2.29E+01	3.96E+00	1.43E+01	2.50E+00	1.13E+01	1.84E+00	4.50E+00	1.15E+00	3.02E+00	5.59E-01	1.71E+00	3.26E-01	2.27E-01	3.61E-02	1.42E-09	2.26E-10
2.13E+00	3.70E-01	2.01E+01	3.19E+00	1.27E+01	1.93E+00	9.80E+00	1.46E+00	4.18E+00	8.49E-01	2.17E+00	5.39E-01	1.44E+00	3.11E-01	1.96E-01	2.81E-02	1.23E-09	1.76E-10
2.13E+00	5.09E-01	1.72E+01	3.11E+00	1.04E+01	1.96E+00	7.98E+00	1.47E+00	4.30E+00	8.35E-01	2.66E+00	5.32E-01	1.57E+00	3.06E-01	1.54E-01	2.88E-02	9.69E-10	1.81E-10
2.15E+00	3.99E-01	1.27E+01	2.36E+00	7.62E+00	1.44E+00	6.22E+00	1.08E+00	2.60E+00	7.31E-01	2.11E+00	3.99E-01	1.35E+00	2.28E-01	1.20E-01	2.06E-02	7.56E-10	1.30E-10
1.96E+00	2.80E-01	7.27E+00	2.05E+00	4.66E+00	1.22E+00	3.46E+00	9.35E-01	2.07E+00	5.30E-01	1.29E+00	3.73E-01	7.83E-01	2.15E-01	6.85E-02	1.78E-02	4.31E-10	1.11E-10
2.00E+00	3.00E-01	1.09E+01	1.81E+00	7.06E+00	1.10E+00	5.09E+00	8.46E-01	3.52E+00	4.60E-01	1.32E+00	3.07E-01	7.63E-01	1.75E-01	1.00E-01	1.63E-02	6.30E-10	1.02E-10
2.23E+00	4.34E-01	1.26E+01	2.01E+00	8.14E+00	1.22E+00	5.91E+00	9.15E-01	3.92E+00	5.82E-01	1.51E+00	3.52E-01	8.82E-01	2.01E-01	1.16E-01	1.74E-02	7.32E-10	1.09E-10
1.88E+00	2.87E-01	1.05E+01	1.57E+00	6.78E+00	9.65E-01	4.94E+00	7.20E-01	2.96E+00	4.61E-01	1.44E+00	3.12E-01	8.79E-01	1.78E-01	9.94E-02	1.38E-02	6.09E-10	8.66E-11
2.20E+00	2.47E-01	1.29E+01	2.09E+00	8.19E+00	1.27E+00	6.34E+00	9.58E-01	3.28E+00	5.96E-01	1.72E+00	3.57E-01	9.78E-01	2.05E-01	1.26E-01	1.85E-02	7.95E-10	1.16E-10
2.51E+00	2.81E-01	1.38E+01	2.17E+00	8.58E+00	1.31E+00	6.33E+00	9.98E-01	4.60E+00	5.73E-01	2.27E+00	3.68E-01	1.30E+00	2.14E-01	1.25E-01	1.91E-02	7.86E-10	1.20E-10
2.90E+00	2.94E-01	1.05E+01	1.74E+00	6.42E+00	1.07E+00	4.97E+00	8.01E-01	4.26E+00	4.84E-01	2.14E+00	3.11E-01	1.24E+00	1.79E-01	9.66E-02	1.55E-02	6.07E-10	9.69E-11
2.03E+00	2.49E-01	1.43E+01	2.11E+00	9.00E+00	1.34E+00	6.75E+00	9.89E-01	3.97E+00	6.18E-01	2.03E+00	2.82E-01	1.21E+00	1.65E-01	1.31E-01	1.94E-02	8.26E-10	1.22E-10
2.81E+00	3.42E-01	1.18E+01	2.50E+00	7.77E+00	1.54E+00	5.52E+00	1.15E+00	3.12E+00	7.29E-01	1.62E+00	4.14E-01	9.75E-01	2.37E-01	1.16E-01	2.20E-02	6.81E-10	1.38E-10
2.21E+00	3.60E-01	1.08E+01	2.31E+00	7.18E+00	1.39E+00	4.99E+00	1.06E+00	3.33E+00	6.16E-01	1.76E+00	4.09E-01	9.92E-01	2.36E-01	1.04E-01	2.02E-02	6.12E-10	1.26E-10
2.30E+00	2.94E-01	1.16E+01	2.36E+00	7.50E+00	1.45E+00	5.48E+00	1.08E+00	2.88E+00	6.78E-01	1.68E+00	3.93E-01	9.96E-01	2.25E-01	1.13E-01	2.08E-02	6.76E-10	1.30E-10

Scenario 2 Results

1.53E+00	2.84E-01	1.58E+01	2.70E+00	1.02E+01	1.66E+00	7.44E+00	1.25E+00	4.12E+00	7.41E-01	2.14E+00	4.28E-01	1.29E+00	2.49E-01	1.51E-01	2.42E-02	9.17E-10	1.51E-10
1.62E+00	2.73E-01	1.23E+01	2.85E+00	7.90E+00	1.77E+00	5.71E+00	1.32E+00	3.64E+00	8.18E-01	1.87E+00	4.34E-01	1.08E+00	2.50E-01	1.14E-01	2.56E-02	6.97E-10	1.60E-10
1.70E+00	3.43E-01	1.17E+01	2.76E+00	7.69E+00	1.75E+00	5.37E+00	1.28E+00	4.68E+00	8.73E-01	1.71E+00	4.21E-01	9.97E-01	2.45E-01	1.07E-01	2.49E-02	6.68E-10	1.56E-10
1.73E+00	3.79E-01	1.84E+01	2.48E+00	1.15E+01	1.59E+00	7.97E+00	1.15E+00	6.81E+00	7.80E-01	2.57E+00	3.95E-01	1.30E+00	2.20E-01	1.55E-01	2.27E-02	9.76E-10	1.42E-10
2.05E+00	3.51E-01	1.69E+01	2.05E+00	1.08E+01	1.26E+00	7.64E+00	9.35E-01	5.90E+00	6.07E-01	2.43E+00	3.41E-01	1.25E+00	1.93E-01	1.50E-01	1.81E-02	9.39E-10	1.14E-10
3.83E+00	2.81E-01	1.00E+01	2.12E+00	6.44E+00	1.31E+00	4.75E+00	9.81E-01	2.84E+00	5.82E-01	2.88E+00	3.51E-01	1.72E+00	2.02E-01	9.39E-02	1.91E-02	5.90E-10	1.19E-10
2.25E+00	2.73E-01	1.05E+01	1.66E+00	6.73E+00	1.01E+00	4.71E+00	7.58E-01	2.65E+00	4.70E-01	1.70E+00	3.10E-01	1.04E+00	1.78E-01	9.74E-02	1.46E-02	5.80E-10	9.18E-11
1.51E+00	2.22E-01	1.03E+01	1.69E+00	6.57E+00	1.09E+00	4.73E+00	7.81E-01	3.30E+00	4.94E-01	1.38E+00	2.84E-01	8.02E-01	1.61E-01	9.29E-02	1.56E-02	5.84E-10	9.73E-11
1.77E+00	2.36E-01	1.21E+01	1.90E+00	7.65E+00	1.19E+00	5.61E+00	8.81E-01	3.61E+00	5.44E-01	1.62E+00	3.22E-01	9.41E-01	1.85E-01	1.10E-01	1.72E-02	6.90E-10	1.08E-10
1.92E+00	2.38E-01	1.57E+01	2.44E+00	9.85E+00	1.53E+00	5.61E+00	1.13E+00	3.70E+00	7.02E-01	2.12E+00	3.54E-01	1.26E+00	2.04E-01	1.37E-01	2.21E-02	6.83E-10	1.39E-10
1.73E+00	2.64E-01	1.86E+01	2.17E+00	1.17E+01	1.32E+00	5.49E+00	9.96E-01	3.49E+00	5.91E-01	2.43E+00	3.52E-01	1.44E+00	2.02E-01	1.62E-01	1.92E-02	7.69E-10	1.21E-10
1.53E+00	2.20E-01	1.69E+01	2.85E+00	1.07E+01	1.78E+00	6.74E+00	1.32E+00	4.14E+00	8.05E-01	2.19E+00	4.05E-01	1.29E+00	2.36E-01	1.47E-01	2.58E-02	8.28E-10	1.62E-10
1.65E+00	2.61E-01	1.35E+01	2.73E+00	8.29E+00	1.68E+00	6.21E+00	1.26E+00	3.89E+00	7.65E-01	2.09E+00	4.27E-01	1.22E+00	2.47E-01	1.20E-01	2.43E-02	7.56E-10	1.52E-10
1.88E+00	2.59E-01	1.46E+01	1.96E+00	9.07E+00	1.19E+00	6.74E+00	8.95E-01	4.01E+00	5.72E-01	2.06E+00	3.31E-01	1.21E+00	1.91E-01	1.32E-01	1.71E-02	8.28E-10	1.08E-10
1.83E+00	2.91E-01	1.29E+01	2.13E+00	8.29E+00	1.35E+00	6.07E+00	9.95E-01	3.78E+00	6.11E-01	2.03E+00	2.92E-01	1.19E+00	1.69E-01	1.20E-01	1.95E-02	7.54E-10	1.22E-10
1.97E+00	2.49E-01	1.19E+01	2.09E+00	7.41E+00	1.31E+00	5.45E+00	9.61E-01	3.63E+00	6.25E-01	1.75E+00	3.06E-01	9.87E-01	1.76E-01	1.07E-01	1.87E-02	6.65E-10	1.17E-10
1.90E+00	2.02E-01	1.17E+01	1.42E+00	7.38E+00	8.72E-01	5.45E+00	6.42E-01	3.68E+00	4.41E-01	1.91E+00	2.52E-01	1.05E+00	1.37E-01	1.08E-01	1.23E-02	6.69E-10	7.72E-11
1.81E+00	2.16E-01	1.30E+01	1.38E+00	8.20E+00	8.53E-01	6.10E+00	6.28E-01	4.57E+00	4.15E-01	2.24E+00	2.67E-01	1.18E+00	1.47E-01	1.21E-01	1.23E-02	7.45E-10	7.73E-11
2.87E+00	2.33E-01	1.41E+01	1.37E+00	8.88E+00	8.40E-01	6.42E+00	6.25E-01	4.58E+00	3.98E-01	2.84E+00	2.64E-01	1.48E+00	1.44E-01	1.25E-01	1.20E-02	7.84E-10	7.55E-11
3.11E+00	2.28E-01	1.92E+01	2.32E+00	1.16E+01	1.45E+00	8.44E+00	1.08E+00	6.60E+00	6.34E-01	3.71E+00	3.36E-01	2.00E+00	1.98E-01	1.58E-01	2.12E-02	9.93E-10	1.32E-10
2.99E+00	2.81E-01	2.06E+01	3.17E+00	1.24E+01	1.99E+00	9.29E+00	1.49E+00	6.20E+00	8.50E-01	3.83E+00	4.35E-01	2.15E+00	2.60E-01	1.75E-01	2.92E-02	1.10E-09	1.83E-10
1.87E+00	2.58E-01	1.09E+01	2.12E+00	6.98E+00	1.33E+00	5.05E+00	9.84E-01	3.50E+00	6.23E-01	2.13E+00	3.04E-01	1.20E+00	1.77E-01	9.89E-02	1.92E-02	6.20E-10	1.20E-10
1.11E+00	1.65E-01	6.27E+00	1.21E+00	3.99E+00	7.66E-01	3.09E+00	5.52E-01	2.17E+00	4.02E-01	1.05E+00	1.90E-01	5.89E-01	1.06E-01	6.30E-02	1.07E-02	3.88E-10	6.68E-11
1.07E+00	1.20E-01	5.90E+00	9.53E-01	3.76E+00	6.03E-01	2.90E+00	4.27E-01	1.80E+00	3.43E-01	9.63E-01	1.61E-01	5.16E-01	8.75E-02	5.94E-02	8.25E-03	3.65E-10	5.12E-11
9.49E-01	1.26E-01	5.25E+00	9.12E-01	3.39E+00	5.66E-01	2.55E+00	4.22E-01	1.61E+00	2.89E-01	8.83E-01	1.42E-01	4.63E-01	8.00E-02	5.22E-02	8.20E-03	3.20E-10	5.14E-11
1.53E+00	2.80E-01	1.29E+01	2.06E+00	8.19E+00	1.30E+00	6.32E+00	9.55E-01	3.57E+00	6.04E-01	1.43E+00	3.02E-01	9.46E-01	1.75E-01	1.30E-01	1.89E-02	7.93E-10	1.17E-10
1.65E+00	3.19E-01	1.45E+01	1.65E+00	9.17E+00	1.04E+00	7.24E+00	7.59E-01	3.37E+00	5.01E-01	1.50E+00	2.62E-01	1.08E+00	1.49E-01	1.49E-01	1.49E-02	9.11E-10	9.19E-11
1.91E+00	4.08E-01	1.50E+01	1.74E+00	9.78E+00	1.12E+00	7.12E+00	8.29E-01	4.42E+00	4.63E-01	1.80E+00	3.15E-01	1.07E+00	1.77E-01	1.43E-01	1.65E-02	8.84E-10	1.03E-10
1.87E+00	3.64E-01	1.54E+01	2.53E+00	1.01E+01	1.64E+00	7.29E+00	1.19E+00	4.68E+00	7.57E-01	2.03E+00	3.08E-01	1.18E+00	1.82E-01	1.46E-01	2.37E-02	9.04E-10	1.48E-10
1.88E+00	2.38E-01	1.74E+01	2.87E+00	1.09E+01	1.86E+00	8.64E+00	1.36E+00	4.89E+00	9.40E-01	2.04E+00	3.61E-01	1.26E+00	2.06E-01	1.74E-01	2.72E-02	1.09E-09	1.70E-10
2.00E+00	3.10E-01	1.84E+01	3.14E+00	1.15E+01	1.98E+00	9.19E+00	1.54E+00	4.39E+00	8.24E-01	1.93E+00	4.59E-01	1.33E+00	2.59E-01	1.86E-01	3.10E-02	1.16E-09	1.93E-10
1.73E+00	4.07E-01	1.64E+01	2.27E+00	1.03E+01	1.34E+00	8.17E+00	1.02E+00	3.47E+00	6.88E-01	1.67E+00	4.66E-01	1.19E+00	2.58E-01	1.65E-01	2.04E-02	1.03E-09	1.27E-10
1.66E+00	4.66E-01	1.46E+01	2.49E+00	9.28E+00	1.59E+00	7.10E+00	1.19E+00	3.35E+00	6.31E-01	1.75E+00	3.98E-01	1.04E+00	2.21E-01	1.42E-01	2.37E-02	8.88E-10	1.48E-10
1.74E+00	4.53E-01	1.48E+01	3.28E+00	9.55E+00	2.11E+00	6.99E+00	1.54E+00	4.32E+00	9.73E-01	1.94E+00	4.09E-01	1.09E+00	2.42E-01	1.39E-01	3.05E-02	8.68E-10	1.91E-10
2.04E+00	3.51E-01	1.02E+01	2.42E+00	6.61E+00	1.54E+00	4.81E+00	1.13E+00	3.17E+00	7.22E-01	1.75E+00	3.39E-01	1.01E+00	1.97E-01	9.52E-02	2.22E-02	5.95E-10	1.38E-10
2.29E+00	2.46E-01	1.86E+01	3.36E+00	1.16E+01	2.12E+00	9.20E+00	1.56E+00	3.62E+00	9.76E-01	2.52E+00	4.73E-01	1.41E+00	2.76E-01	1.85E-01	3.07E-02	1.16E-09	1.91E-10
2.16E+00	3.44E-01	2.74E+01	3.57E+00	1.73E+01	2.19E+00	1.35E+01	1.65E+00	5.26E+00	9.75E-01	2.91E+00	5.60E-01	1.97E+00	3.24E-01	2.70E-01	3.19E-02	1.69E-09	1.99E-10
2.50E+00	5.18E-01	2.02E+01	3.56E+00	1.23E+01	2.25E+00	9.11E+00	1.70E+00	6.03E+00	9.05E-01	3.18E+00	5.60E-01	1.78E+00	3.20E-01	1.76E-01	3.34E-02	1.10E-09	2.10E-10
2.43E+00	5.37E-01	2.02E+01	3.17E+00	1.22E+01	2.02E+00	9.79E+00	1.47E+00	3.59E+00	9.88E-01	2.94E+00	4.48E-01	1.88E+00	2.58E-01	1.91E-01	2.88E-02	1.20E-09	1.80E-10
1.88E+00	3.07E-01	9.13E+00	2.41E+00	5.87E+00	1.46E+00	4.35E+00	1.11E+00	2.54E+00	6.53E-01	1.59E+00	4.19E-01	9.87E-01	2.41E-01	8.61E-02	2.11E-02	5.40E-10	1.33E-10
1.80E+00	2.54E-01	7.80E+00	1.56E+00	5.04E+00	9.01E-01	3.69E+00	7.02E-01	2.32E+00	3.89E-01	1.05E+00	3.04E-01	6.04E-01	1.74E-01	7.28E-02	1.32E-02	4.58E-10	8.26E-11
1.92E+00	3.81E-01	1.23E+01	1.76E+00	7.87E+00	1.07E+00	5.93E+00	8.04E-01	3.07E+00	5.16E-01	1.38E+00	3.04E-01	8.73E-01	1.74E-01	1.18E-01	1.53E-02	7.40E-10	9.62E-11
1.63E+00	2.58E-01	1.18E+01	1.76E+00	7.25E+00	1.06E+00	5.58E+00	8.00E-01	3.01E+00	4.98E-01	1.61E+00	3.21E-01	9.90E-01	1.83E-01	1.09E-01	1.52E-02	6.86E-10	9.51E-11
1.51E+00	2.19E-01	9.71E+00	1.65E+00	6.31E+00	1.05E+00	4.58E+00	7.73E-01	2.71E+00	4.84E-01	1.27E+00	2.64E-01	7.60E-01	1.51E-01	9.28E-02	1.51E-02	5.66E-10	9.52E-11
2.10E+00	2.39E-01	1.41E+01	2.01E+00	9.06E+00	1.22E+00	6.75E+00	9.19E-01	3.76E+00	5.58E-01	1.62E+00	3.44E-01	9.98E-01	1.98E-01	1.34E-01	1.76E-02	8.41E-10	1.10E-10
2.53E+00	2.73E-01	1.45E+01	1.88E+00	9.28E+00	1.14E+00	6.93E+00	8.68E-01	3.84E+00	4.87E-01	2.06E+00	3.22E-01	1.15E+00	1.85E-01	1.37E-01	1.66E-02	8.63E-10	1.04E-10
1.95E+00	2.35E-01	8.17E+00	1.60E+00	5.15E+00	9.81E-01	3.70E+00	7.39E-01	2.74E+00	4.36E-01	1.61E+00	2.54E-01	9.04E-01	1.47E-01	7.17E-02	1.43E-02	4.51E-10	8.95E-11
1.62E+00	2.17E-01	1.02E+01	1.62E+00	6.35E+00	1.03E+00	4.84E+00	7.56E-01	2.61E+00	4.77E-01	1.51E+00	2.37E-01	9.08E-01	1.34E-01	9.38E-02	1.48E-02	5.90E-10	9.28E-11
2.38E+00	3.12E-01	1.11E+01	2.39E+00	7.38E+00	1.47E+00	5.39E+00	1.10E+00	2.98E+00	6.83E-01	1.51E+00	3.98E-01	9.07E-01	2.28E-01	1.10E-01	2.11E-02	6.74E-10	1.32E-10
2.31E+00	3.90E-01	1.28E+01	2.16E+00	7.71E+00	1.30E+00	5.81E+00	9.87E-01	3.63E+00	5.73E-01	2.15E+00	3.83E-01	1.23E+00	2.22E-01	1.12E-01	1.89E-02	7.01E-10	1.18E-10
2.49E+00	3.36E-01	1.19E+01	2.46E+00	7.69E+00	1.51E+00	5.59E+00	1.13E+00	3.05E+00	7.03E-01	1.82E+00	4.05E-01	1.08E+00	2.32E-01	1.15E-01	2.18E-02	6.89E-10	1.36E-10
1.40E+00	2.63E-01	1.34E+01	2.46E+00	8.63E+00	1.51E+00	6.27E+00	1.13E+00	3.66E+00	6.75E-01	1.89E+00	3.88E-01	1.13E+00	2.25E-01	1.27E-01	2.20E-02	7.70E-10	1.37E-10
1.36E+00	2.11E-01	8.97E+00	2.40E+00	5.75E+00	1.49E+00	4.30E+00	1.11E+00	2.78E+00	6.91E-01	1.45E+00	3.68E-01	8.25E-01	2.12E-01	8.62E-02	2.15E-02	5.37E-10	1.35E-10
1.52E+00	3.26E-01	1.19E+01	2.48E+00	7.55E+00	1.58E+00	5.80E+00	1.15E+00	2.94E+00	7.83E-01	1.50E+00	3.92E-01	8.73E-01	2.29E-01	1.16E-01	2.25E-02	7.26E-10	1.41E-10
1.97E+00	3.27E-01	2.39E+01	2.26E+00	1.54E+01	1.45E+00	1.07E+01	1.05E+00	9.02E+00	7.19E-01	3.19E+00	3.94E-01	1.67E+00	2.21E-01	2.09E-01	2.07E-02	1.31E-09	1.29E-10
1.81E+00	4.37E-01	2.02E+01	2.51E+00	1.30E+01	1.62E+00	9.32E+00	1.18E+00	6.50E+00	7.64E-01	2.55E+00	3.89E-01	1.44E+00	2.19E-01	1.84E-01	2.33E-02	1.15E-09	1.46E-10
3.24E+00	2.85E-01	9.17E+00	2.17E+00	5.95E+00	1.35E+00	4.29E+00	1.01E+00	2.84E+00	5.95E-01	2.85E+00	3.39E-01	1.64E+00	1.95E-01	8.54E-02	1.97E-02	5.31E-10	1.23E-10
3.55E+00	2.84E-01	1.27E+01	1.87E+00	8.07E+00	1.13E+00	6.15E+00	8.48E-01	3.72E+00	5.09E-01	2.52E+00	3.38E-01	1.55E+00	1.94E-01	1.21E-01	1.63E-02	7.63E-10	1.02E-10
1.39E+00	2.39E-01	1.10E+01	1.59E+00	6.93E+00	9.80E-01	5.07E+00	7.26E-01	3.38E+00	4.63E-01	1.57E+00	2.79E-01	8.96E-01	1.60E-01	9.86E-02	1.42E-02	6.19E-10	8.91E-11
1.61E+00	2.26E-01	1.19E+01	1.78E+00	7.68E+00	1.13E+00	5.62E+00	8.23E-01	3.50E+00	5.15E-01	1.44E+00	3.08E-01	9.89E-01	1.76E-01	1.11E-01	1.63E-02	6.99E-10	1.02E-10
1.73E+00	2.28E-01	1.27E+01	2.15E+00	7.92E+00	1.35E+00	5.57E+00	9.94E-01	3.57E+00	6.19E-01	1.74E+00	3.08E-01	1.02E+00	1.77E-01	1.09E-01	1.95E-02	6.82E-10	1.22E-10
1.69E+00	2.40E-01	1.70E+01	2.52E+00	1.07E+01	1.57E+00	6.21E+00	1.17E+00	3.48E+00	7.03E-01	2.24E+00	3.69E-01	1.32E+00	2.15E-01	1.47E-01	2.27E-02	7.72E-10	1.43E-10
1.50E+00	2.45E-01	1.75E+01	2.17E+00	1.11E+01	1.36E+00	5.38E+00	1.01E+00	3.42E+00	6.08E-01	2.27E+00	3.18E-01	1.33E+00	1.84E-01	1.51E-01	1.98E-02	6.62E-10	1.24E-10
1.40E+00	2.20E-01	1.46E+01	2.89E+00	9.23E+00	1.80E+00	6.72E+00	1.34E+00	4.05E+00	8.10E-01	2.12E+00	4.17E-01	1.24E+00	2.44E-01	1.31E-01	2.61E-02	8.25E-10	1.64E-10
1.56E+00	2.51E-01	1.31E+01	2.61E+00	8.43E+00	1.60E+00	6.08E+00	1.20E+00	4.17E+00	7.28E-01	1.89E+00	4.09E-01	1.10E+00	2.37E-01	1.20E-01	2.32E-02	7.52E-10	1.46E-10
1.78E+00	2.61E-01	1.47E+01	1.98E+00	9.11E+00	1.23E+00	6.79E+00	9.07E-01	3.98E+00	5.87E-01	2.10E+00	3.17E-01	1.24E+00	1.83E-01	1.33E-01	1.75E-02	8.34E-10	1.10E-10
1.61E+00	2.68E-01	1.28E+01	1.98E+00	8.03E+00	1.25E+00	5.96E+00	9.22E-01	3.60E+00	5.66E-01	1.88E+00	2.75E-01	1.10E+00	1.57E-01	1.17E-01	1.81E-02	7.32E-10	1.14E-10
1.82E+00	2.28E-01	1.05E+01	1.96E+00	6.60E+00	1.23E+00	4.85E+00	9.04E-01	2.99E+00	5.87E-01	1.70E+00	2.86E-01	9.73E-01	1.64E-01	9.64E-02	1.76E-02	5.99E-10	1.10E-10
1.99E+00	2.03E-01	1.14E+01	1.56E+00	6.89E+00	9.63E-01	5.13E+00	7.07E-01	3.76E+00	4.83E-01	1.97E+00	2.54E-01	1.10E+00	1.43E-01	9.79E-02	1.36E-02	6.15E-10	8.54E-11
2.37E+00	2.40E-01	1.99E+01	1.87E+00	1.22E+01	1.14E+00	8.82E+00	8.32E-01	6.76E+00	5.73E-01	3.38E+00	3.30E-01	1.82E+00	1.83E-01	1.69E-01	1.60E-02	1.06E-09	9.97E-11
3.12E+00	2.41E-01	1.78E+01	1.57E+00	1.13E+01	9.40E-01	8.23E+00	6.92E-01	5.54E+00	4.85E-01	3.27E+00	2.98E-01	1.71E+00	1.64E-01	1.61E-01	1.34E-02	1.01E-09	8.41E-11
2.63E+00	2.11E-01	1.22E+01	1.30E+00	7.84E+00	8.04E-01	5.79E+00	5.97E-01	4.36E+00	3.74E-01	2.49E+00	2.19E-01	1.29E+00	1.18E-01	1.15E-01	1.16E-02	7.20E-10	7.27E-11
2.57E+00	2.06E-01	1.52E+01	2.11E+00	9.09E+00	1.32E+00	6.69E+00	9.91E-01	5.09E+00	5.67E-01	3.05E+00	3.01E-01	1.66E+00	1.79E-01	1.28E-01	1.94E-02	8.05E-10	1.21E-10
1.69E+00	1.93E-01	8.63E+00	1.60E+00	5.37E+00	1.01E+00	3.92E+00	7.49E-01	2.71E+00	4.46E-01	1.88E+00	2.31E-01	1.04E+00	1.36E-01	7.71E-02	1.47E-02	4.83E-10	9.15E-11
1.35E+00	1.76E-01	7.33E+00	1.45E+00	4.69E+00	9.15E-01	3.40E+00	6.72E-01	2.44E+00	4.35E-01	1.42E+00	2.15E-01	7.97E-01	1.24E-01	6.73E-02	1.31E-02	4.22E-10	8.18E-11
1.15E+00	1.33E-01	6.14E+00	1.24E+00	4.04E+00	7.86E-01	2.81E+00	5.67E-01	2.30E+00	4.11E-01	1.03E+00	1.95E-01	5.79E-01	1.09E-01	5.52E-02	1.10E-02	3.46E-10	6.86E-11
1.55E+00	3.38E-01	1.46E+01	1.37E+00	9.23E+00	8.59E-01	7.28E+00	6.27E-01	3.12E+00	4.20E-01	1.52E+00	2.70E-01	1.09E+00	1.51E-01	1.50E-01	1.24E-02	9.17E-10	7.57E-11
1.82E+00	3.80E-01	1.55E+01	1.98E+00	1.01E+01	1.27E+00	7.35E+00	9.41E-01	4.58E+00	5.35E-01	1.86E+00	2.96E-01	1.11E+00	1.66E-01	1.47E-01	1.88E-02	9.13E-10	1.17E-10
1.63E+00	3.13E-01	1.32E+01	2.40E+00	8.62E+00	1.56E+00	6.23E+00	1.13E+00	4.03E+00	7.37E-01	1.85E+00	2.95E-01	1.06E+00	1.73E-01	1.25E-01	2.24E-02	7.72E-10	1.40E-10
1.83E+00	2.33E-01	1.44E+01	2.37E+00	9.01E+00	1.49E+00	7.17E+00	1.16E+00	3.97E+00	7.06E-01	1.76E+00	3.08E-01	1.04E+00	1.77E-01	1.45E-01	2.33E-02	9.03E-10	1.45E-10
1.88E+00	2.91E-01	1.81E+01	3.03E+00	1.14E+01	1.91E+00	9.04E+00	1.49E+00	4.09E+00	8.16E-01	1.89E+00	4.56E-01	1.31E+00	2.57E-01	1.83E-01	2.99E-02	1.14E-09	1.87E-10
1.62E+00	3.94E-01	1.61E+01	2.11E+00	1.01E+01	1.24E+00	8.02E+00	9.30E-01	3.46E+00	6.43E-01	1.64E+00	4.41E-01	1.17E+00	2.44E-01	1.62E-01	1.86E-02	1.01E-09	1.16E-10
1.53E+00	4.36E-01	1.37E+01	2.39E+00	8.75E+00	1.52E+00	6.70E+00	1.14E+00	3.18E+00	6.02E-01	1.58E+00	3.68E-01	9.86E-01	2.04E-01	1.34E-01	2.28E-02	8.38E-10	1.42E-10
1.73E+00	4.60E-01	1.66E+01	3.59E+00	1.08E+01	2.31E+00	7.90E+00	1.69E+00	4.80E+00	1.05E+00	2.06E+00	4.43E-01	1.18E+00	2.63E-01	1.57E-01	3.36E-02	9.81E-10	2.10E-10
2.09E+00	3.80E-01	1.26E+01	2.59E+00	8.14E+00	1.68E+00	5.92E+00	1.20E+00	4.01E+00	8.56E-01	1.88E+00	3.50E-01	1.08E+00	2.04E-01	1.17E-01	2.37E-02	7.34E-10	1.48E-10
1.93E+00	2.29E-01	1.56E+01	2.88E+00	9.68E+00	1.82E+00	7.67E+00	1.34E+00	2.90E+00	8.38E-01	2.11E+00	4.06E-01	1.18E+00	2.37E-01	1.55E-01	2.63E-02	9.65E-10	1.64E-10
1.89E+00	2.83E-01	2.35E+01	3.20E+00	1.49E+01	1.98E+00	1.16E+01	1.48E+00	4.31E+00	8.86E-01	2.47E+00	4.83E-01	1.69E+00	2.80E-01	2.33E-01	2.88E-02	1.46E-09	1.80E-10
2.23E+00	4.28E-01	1.66E+01	2.97E+00	1.02E+01	1.87E+00	7.27E+00	1.41E+00	5.86E+00	7.36E-01	2.84E+00	5.05E-01	1.51E+00	2.89E-01	1.39E-01	2.79E-02	8.69E-10	1.75E-10
2.26E+00	5.18E-01	2.22E+01	3.46E+00	1.35E+01	2.20E+00	1.06E+01	1.62E+00	4.45E+00	1.00E+00	3.17E+00	4.65E-01	1.98E+00	2.68E-01	2.08E-01	3.19E-02	1.30E-09	2.00E-10
1.98E+00	3.59E-01	9.66E+00	2.44E+00	6.16E+00	1.50E+00	4.77E+00	1.12E+00	2.93E+00	6.88E-01	1.89E+00	4.08E-01	1.20E+00	2.34E-01	9.07E-02	2.16E-02	5.69E-10	1.35E-10
2.00E+00	2.46E-01	8.34E+00	1.83E+00	5.38E+00	1.09E+00	3.95E+00	8.36E-01	2.43E+00	4.71E-01	1.13E+00	3.31E-01	6.76E-01	1.91E-01	7.81E-02	1.59E-02	4.91E-10	9.96E-11
1.44E+00	2.14E-01	7.48E+00	1.34E+00	4.75E+00	8.15E-01	3.64E+00	6.26E-01	2.46E+00	3.93E-01	9.82E-01	2.31E-01	5.73E-01	1.32E-01	7.25E-02	1.20E-02	4.56E-10	7.54E-11
1.54E+00	3.06E-01	7.35E+00	1.59E+00	4.80E+00	9.69E-01	3.41E+00	7.28E-01	2.55E+00	4.62E-01	1.08E+00	2.79E-01	6.37E-01	1.59E-01	6.69E-02	1.39E-02	4.21E-10	8.70E-11
1.32E+00	2.26E-01	8.60E+00	1.34E+00	5.62E+00	7.91E-01	4.05E+00	6.06E-01	2.43E+00	3.66E-01	1.12E+00	2.62E-01	6.77E-01	1.49E-01	8.27E-02	1.14E-02	5.01E-10	7.14E-11
1.10E+00	1.62E-01	8.37E+00	1.45E+00	5.46E+00	9.01E-01	3.94E+00	6.68E-01	2.31E+00	4.15E-01	1.11E+00	2.42E-01	6.65E-01	1.39E-01	8.06E-02	1.30E-02	4.87E-10	8.19E-11

Scenario 2 Results

1.36E+00	2.00E-01	8.09E+00	1.71E+00	5.08E+00	1.03E+00	3.73E+00	7.84E-01	2.98E+00	4.64E-01	1.37E+00	2.92E-01	7.71E-01	1.69E-01	7.42E-02	1.50E-02	4.66E-10	9.42E-11
2.04E+00	2.41E-01	1.07E+01	1.55E+00	6.99E+00	9.39E-01	5.00E+00	7.17E-01	3.62E+00	3.98E-01	1.82E+00	2.76E-01	1.03E+00	1.58E-01	9.82E-02	1.38E-02	6.17E-10	8.66E-11
1.74E+00	2.04E-01	8.88E+00	1.50E+00	5.52E+00	9.19E-01	4.03E+00	6.93E-01	2.83E+00	4.04E-01	1.53E+00	2.36E-01	8.67E-01	1.38E-01	7.77E-02	1.34E-02	4.89E-10	8.40E-11
1.53E+00	2.01E-01	8.11E+00	1.50E+00	5.44E+00	9.33E-01	3.82E+00	6.88E-01	2.09E+00	4.58E-01	1.20E+00	2.45E-01	7.00E-01	1.39E-01	8.22E-02	1.33E-02	4.73E-10	8.29E-11
1.89E+00	2.71E-01	1.06E+01	2.21E+00	6.97E+00	1.35E+00	5.13E+00	1.01E+00	2.84E+00	6.23E-01	1.40E+00	3.71E-01	8.41E-01	2.13E-01	1.04E-01	1.95E-02	6.39E-10	1.22E-10
1.88E+00	3.06E-01	1.02E+01	1.87E+00	6.08E+00	1.13E+00	4.62E+00	8.56E-01	2.85E+00	4.96E-01	1.85E+00	3.33E-01	1.06E+00	1.93E-01	8.84E-02	1.64E-02	5.55E-10	1.02E-10
2.12E+00	2.76E-01	9.69E+00	2.25E+00	6.28E+00	1.38E+00	4.54E+00	1.04E+00	2.63E+00	6.41E-01	1.53E+00	3.71E-01	9.06E-01	2.13E-01	9.29E-02	2.00E-02	5.56E-10	1.25E-10
1.47E+00	2.56E-01	9.24E+00	2.31E+00	5.96E+00	1.42E+00	4.30E+00	1.07E+00	2.70E+00	6.35E-01	1.43E+00	3.62E-01	8.33E-01	2.11E-01	8.66E-02	2.07E-02	5.23E-10	1.29E-10
1.42E+00	1.97E-01	7.38E+00	2.25E+00	4.78E+00	1.40E+00	3.51E+00	1.04E+00	2.23E+00	6.50E-01	1.18E+00	3.43E-01	6.81E-01	1.98E-01	7.02E-02	2.02E-02	4.37E-10	1.26E-10
1.39E+00	2.92E-01	1.16E+01	2.32E+00	7.42E+00	1.42E+00	5.67E+00	1.07E+00	2.61E+00	6.68E-01	1.30E+00	3.62E-01	8.37E-01	2.11E-01	1.14E-01	2.08E-02	7.10E-10	1.30E-10
1.74E+00	2.59E-01	2.08E+01	1.99E+00	1.35E+01	1.18E+00	9.38E+00	9.12E-01	7.89E+00	5.69E-01	2.74E+00	3.54E-01	1.46E+00	2.06E-01	1.84E-01	1.74E-02	1.15E-09	1.09E-10
1.57E+00	4.13E-01	1.76E+01	2.52E+00	1.13E+01	1.59E+00	8.18E+00	1.17E+00	5.46E+00	7.42E-01	2.21E+00	3.75E-01	1.24E+00	2.10E-01	1.62E-01	2.30E-02	1.01E-09	1.43E-10
2.41E+00	2.47E-01	1.18E+01	2.04E+00	7.64E+00	1.28E+00	5.56E+00	9.51E-01	4.32E+00	5.61E-01	2.59E+00	3.23E-01	1.42E+00	1.82E-01	1.11E-01	1.86E-02	6.90E-10	1.16E-10
3.92E+00	2.67E-01	1.35E+01	1.99E+00	8.69E+00	1.22E+00	6.34E+00	9.16E-01	4.02E+00	5.47E-01	2.87E+00	3.45E-01	1.74E+00	1.98E-01	1.25E-01	1.78E-02	7.88E-10	1.11E-10
2.61E+00	3.23E-01	1.15E+01	1.82E+00	7.35E+00	1.11E+00	5.42E+00	8.33E-01	3.38E+00	5.10E-01	1.95E+00	2.99E-01	1.20E+00	1.70E-01	1.06E-01	1.61E-02	6.67E-10	1.01E-10
1.40E+00	2.09E-01	1.14E+01	1.67E+00	6.99E+00	1.04E+00	5.68E+00	7.61E-01	3.33E+00	4.80E-01	1.55E+00	2.83E-01	9.91E-01	1.62E-01	1.12E-01	1.51E-02	7.03E-10	9.45E-11
1.56E+00	2.25E-01	1.25E+01	1.80E+00	7.99E+00	1.13E+00	5.86E+00	8.37E-01	3.65E+00	5.05E-01	1.61E+00	3.03E-01	9.48E-01	1.74E-01	1.15E-01	1.64E-02	7.25E-10	1.03E-10
1.67E+00	2.29E-01	1.39E+01	2.37E+00	8.73E+00	1.48E+00	5.68E+00	1.10E+00	3.47E+00	6.74E-01	1.85E+00	3.38E-01	1.09E+00	1.96E-01	1.19E-01	2.14E-02	7.01E-10	1.34E-10
1.64E+00	2.32E-01	1.61E+01	2.40E+00	1.02E+01	1.48E+00	6.20E+00	1.11E+00	3.43E+00	6.64E-01	2.10E+00	3.59E-01	1.24E+00	2.09E-01	1.38E-01	2.15E-02	7.70E-10	1.35E-10
1.40E+00	2.20E-01	1.48E+01	2.43E+00	9.38E+00	1.52E+00	5.75E+00	1.13E+00	3.52E+00	6.75E-01	1.92E+00	3.30E-01	1.13E+00	1.94E-01	1.27E-01	2.21E-02	7.07E-10	1.39E-10
1.30E+00	2.23E-01	1.38E+01	2.81E+00	8.52E+00	1.75E+00	6.34E+00	1.30E+00	3.77E+00	7.83E-01	2.03E+00	4.11E-01	1.19E+00	2.40E-01	1.24E-01	2.53E-02	7.77E-10	1.59E-10
1.46E+00	2.29E-01	1.20E+01	2.35E+00	7.73E+00	1.44E+00	5.58E+00	1.08E+00	3.91E+00	6.55E-01	1.79E+00	3.70E-01	1.06E+00	2.15E-01	1.10E-01	2.09E-02	6.89E-10	1.31E-10
1.37E+00	2.48E-01	1.39E+01	1.92E+00	8.59E+00	1.19E+00	6.40E+00	8.77E-01	3.74E+00	5.67E-01	2.01E+00	2.95E-01	1.18E+00	1.69E-01	1.25E-01	1.70E-02	7.86E-10	1.07E-10
1.60E+00	2.57E-01	1.23E+01	2.12E+00	7.70E+00	1.34E+00	5.72E+00	9.92E-01	3.41E+00	6.02E-01	1.74E+00	2.81E-01	1.01E+00	1.66E-01	1.12E-01	1.95E-02	7.05E-10	1.22E-10
1.97E+00	2.24E-01	1.25E+01	2.23E+00	7.87E+00	1.40E+00	5.78E+00	1.03E+00	3.73E+00	6.65E-01	1.76E+00	3.16E-01	1.01E+00	1.82E-01	1.13E-01	2.01E-02	7.09E-10	1.26E-10
2.36E+00	2.40E-01	1.81E+01	1.95E+00	1.11E+01	1.21E+00	8.27E+00	8.89E-01	5.30E+00	6.09E-01	2.89E+00	3.05E-01	1.64E+00	1.72E-01	1.59E-01	1.72E-02	1.00E-09	1.08E-10
2.28E+00	2.25E-01	1.95E+01	1.86E+00	1.20E+01	1.14E+00	8.69E+00	8.40E-01	6.51E+00	5.70E-01	3.29E+00	3.16E-01	1.79E+00	1.75E-01	1.66E-01	1.61E-02	1.04E-09	1.01E-10
2.46E+00	2.13E-01	1.58E+01	1.42E+00	1.01E+01	8.58E-01	7.36E+00	6.26E-01	4.77E+00	4.49E-01	2.68E+00	2.68E-01	1.40E+00	1.48E-01	1.45E-01	1.20E-02	9.09E-10	7.44E-11
2.89E+00	2.20E-01	1.47E+01	1.27E+00	9.33E+00	7.76E-01	6.72E+00	5.76E-01	4.87E+00	3.96E-01	2.50E+00	2.52E-01	1.30E+00	1.37E-01	1.31E-01	1.10E-02	8.20E-10	6.93E-11
2.08E+00	1.87E-01	1.22E+01	1.32E+00	7.86E+00	8.20E-01	5.74E+00	6.12E-01	3.83E+00	3.66E-01	2.27E+00	2.00E-01	1.19E+00	1.17E-01	1.13E-01	1.19E-02	7.11E-10	7.44E-11
1.66E+00	1.71E-01	7.78E+00	1.28E+00	4.69E+00	8.02E-01	3.35E+00	6.00E-01	2.68E+00	3.49E-01	1.78E+00	1.90E-01	9.58E-01	1.12E-01	6.53E-02	1.17E-02	4.09E-10	7.32E-11
1.68E+00	1.94E-01	8.93E+00	1.61E+00	5.71E+00	1.01E+00	4.16E+00	7.54E-01	2.71E+00	4.44E-01	1.82E+00	2.32E-01	1.00E+00	1.37E-01	8.19E-02	1.48E-02	5.14E-10	9.21E-11
1.67E+00	3.42E-01	1.37E+01	1.91E+00	8.94E+00	1.23E+00	6.47E+00	9.08E-01	4.09E+00	5.33E-01	1.68E+00	2.69E-01	9.80E-01	1.51E-01	1.30E-01	1.81E-02	8.03E-10	1.13E-10
1.52E+00	2.61E-01	1.01E+01	2.04E+00	6.61E+00	1.33E+00	4.75E+00	9.56E-01	3.14E+00	6.45E-01	1.53E+00	2.54E-01	8.68E-01	1.47E-01	9.52E-02	1.90E-02	5.89E-10	1.18E-10
1.75E+00	2.28E-01	1.45E+01	2.47E+00	9.12E+00	1.56E+00	7.25E+00	1.21E+00	3.90E+00	6.46E-01	1.71E+00	3.19E-01	1.05E+00	1.84E-01	1.47E-01	2.43E-02	9.13E-10	1.51E-10
1.72E+00	2.60E-01	1.41E+01	2.31E+00	8.91E+00	1.45E+00	7.06E+00	1.13E+00	3.06E+00	6.56E-01	1.57E+00	3.79E-01	1.03E+00	2.12E-01	1.43E-01	2.28E-02	8.89E-10	1.42E-10
1.41E+00	3.58E-01	1.41E+01	1.76E+00	8.93E+00	1.02E+00	7.05E+00	7.72E-01	3.08E+00	5.41E-01	1.45E+00	3.86E-01	1.03E+00	2.13E-01	1.43E-01	1.51E-02	8.86E-10	9.38E-11
1.40E+00	4.03E-01	1.26E+01	2.26E+00	8.06E+00	1.44E+00	6.17E+00	1.08E+00	2.95E+00	5.67E-01	1.41E+00	3.36E-01	9.08E-01	1.86E-01	1.24E-01	2.16E-02	7.72E-10	1.34E-10
1.53E+00	3.80E-01	1.26E+01	2.79E+00	8.19E+00	1.80E+00	5.99E+00	1.32E+00	3.70E+00	8.16E-01	1.68E+00	3.47E-01	9.44E-01	2.06E-01	1.19E-01	2.61E-02	7.44E-10	1.63E-10
1.99E+00	3.99E-01	1.47E+01	3.05E+00	9.52E+00	1.98E+00	7.06E+00	1.42E+00	4.82E+00	9.96E-01	1.92E+00	3.89E-01	1.22E+00	2.22E-01	1.40E-01	2.81E-02	8.73E-10	1.75E-10
2.27E+00	2.83E-01	2.09E+01	3.29E+00	1.30E+01	2.09E+00	1.03E+01	1.54E+00	4.08E+00	9.57E-01	2.70E+00	4.47E-01	1.52E+00	2.62E-01	2.08E-01	3.03E-02	1.30E-09	1.89E-10
1.68E+00	2.32E-01	2.04E+01	2.87E+00	1.29E+01	1.79E+00	1.01E+01	1.33E+00	3.60E+00	8.04E-01	2.13E+00	4.23E-01	1.47E+00	2.46E-01	2.03E-01	2.61E-02	1.27E-09	1.63E-10
1.81E+00	3.20E-01	1.11E+01	2.28E+00	6.75E+00	1.35E+00	4.99E+00	1.03E+00	4.48E+00	5.81E-01	2.12E+00	4.19E-01	1.08E+00	2.40E-01	9.96E-02	1.97E-02	6.21E-10	1.23E-10
1.98E+00	4.45E-01	2.08E+01	3.29E+00	1.27E+01	2.09E+00	9.77E+00	1.55E+00	4.80E+00	8.98E-01	3.05E+00	4.42E-01	1.85E+00	2.56E-01	1.91E-01	3.06E-02	1.19E-09	1.92E-10
2.21E+00	4.19E-01	1.39E+01	2.41E+00	8.32E+00	1.49E+00	6.78E+00	1.11E+00	3.29E+00	7.84E-01	2.26E+00	3.91E-01	1.45E+00	2.22E-01	1.31E-01	2.15E-02	8.24E-10	1.34E-10
2.04E+00	2.72E-01	1.08E+01	2.40E+00	6.94E+00	1.45E+00	5.10E+00	1.11E+00	3.15E+00	6.38E-01	1.41E+00	4.07E-01	8.67E-01	2.36E-01	1.01E-01	2.12E-02	6.33E-10	1.33E-10
1.74E+00	2.37E-01	9.00E+00	1.55E+00	5.85E+00	9.48E-01	4.21E+00	7.25E-01	2.90E+00	3.87E-01	1.09E+00	2.71E-01	6.32E-01	1.54E-01	8.31E-02	1.40E-02	5.22E-10	8.81E-11
1.31E+00	2.60E-01	8.91E+00	1.46E+00	5.73E+00	8.95E-01	4.25E+00	6.70E-01	2.45E+00	4.27E-01	1.03E+00	2.51E-01	6.30E-01	1.44E-01	8.41E-02	1.28E-02	5.29E-10	8.03E-11
1.20E+00	2.09E-01	7.49E+00	1.40E+00	4.78E+00	8.42E-01	3.57E+00	6.36E-01	2.07E+00	3.97E-01	1.07E+00	2.53E-01	6.58E-01	1.45E-01	7.03E-02	1.21E-02	4.37E-10	7.57E-11
1.12E+00	1.77E-01	8.04E+00	1.24E+00	5.28E+00	7.91E-01	3.79E+00	5.83E-01	2.25E+00	3.63E-01	1.06E+00	2.04E-01	6.32E-01	1.17E-01	7.79E-02	1.14E-02	4.68E-10	7.18E-11
1.21E+00	1.58E-01	6.93E+00	1.39E+00	4.54E+00	8.48E-01	3.26E+00	6.38E-01	1.90E+00	3.92E-01	9.38E-01	2.34E-01	5.63E-01	1.35E-01	6.73E-02	1.22E-02	4.02E-10	7.67E-11
1.53E+00	1.72E-01	7.43E+00	1.49E+00	4.72E+00	9.04E-01	3.59E+00	6.88E-01	2.29E+00	3.97E-01	1.32E+00	2.54E-01	7.51E-01	1.48E-01	7.14E-02	1.32E-02	4.49E-10	8.27E-11
2.33E+00	2.38E-01	8.72E+00	1.38E+00	5.80E+00	8.38E-01	3.90E+00	6.40E-01	3.80E+00	3.63E-01	1.79E+00	2.53E-01	1.02E+00	1.45E-01	7.58E-02	1.23E-02	4.76E-10	7.73E-11
1.54E+00	1.73E-01	9.05E+00	1.51E+00	5.76E+00	9.55E-01	4.28E+00	7.07E-01	2.98E+00	4.34E-01	1.37E+00	2.15E-01	7.71E-01	1.26E-01	8.32E-02	1.38E-02	5.23E-10	8.69E-11
1.35E+00	1.75E-01	8.05E+00	1.51E+00	5.42E+00	9.33E-01	3.80E+00	6.89E-01	2.08E+00	4.51E-01	1.08E+00	2.44E-01	6.50E-01	1.39E-01	8.20E-02	1.33E-02	4.71E-10	8.31E-11
1.44E+00	2.26E-01	9.82E+00	1.96E+00	6.58E+00	1.20E+00	4.61E+00	8.99E-01	2.71E+00	5.47E-01	1.30E+00	3.34E-01	7.80E-01	1.92E-01	9.80E-02	1.73E-02	5.71E-10	1.08E-10
1.67E+00	2.51E-01	8.51E+00	1.65E+00	5.35E+00	9.93E-01	3.85E+00	7.54E-01	2.65E+00	4.37E-01	1.65E+00	2.94E-01	9.51E-01	1.70E-01	7.64E-02	1.45E-02	4.59E-10	9.01E-11
1.79E+00	2.24E-01	6.96E+00	2.05E+00	4.32E+00	1.26E+00	3.22E+00	9.43E-01	1.96E+00	5.81E-01	1.28E+00	3.38E-01	7.53E-01	1.95E-01	6.26E-02	1.82E-02	3.91E-10	1.14E-10
1.32E+00	2.40E-01	7.91E+00	2.12E+00	5.11E+00	1.31E+00	3.71E+00	9.79E-01	2.43E+00	5.83E-01	1.09E+00	3.32E-01	6.31E-01	1.93E-01	7.33E-02	1.91E-02	4.60E-10	1.19E-10
1.33E+00	1.84E-01	6.80E+00	2.06E+00	4.29E+00	1.29E+00	3.13E+00	9.52E-01	2.04E+00	5.97E-01	1.11E+00	3.14E-01	6.40E-01	1.81E-01	6.16E-02	1.86E-02	3.86E-10	1.16E-10
1.33E+00	2.72E-01	1.07E+01	2.26E+00	6.89E+00	1.39E+00	5.22E+00	1.04E+00	2.43E+00	6.17E-01	1.23E+00	3.47E-01	7.73E-01	2.02E-01	1.05E-01	2.03E-02	6.52E-10	1.27E-10
1.44E+00	2.33E-01	1.69E+01	1.92E+00	1.10E+01	1.18E+00	7.69E+00	8.85E-01	6.24E+00	5.82E-01	2.20E+00	3.33E-01	1.19E+00	1.94E-01	1.51E-01	1.70E-02	9.46E-10	1.06E-10
1.37E+00	3.46E-01	1.48E+01	2.34E+00	9.50E+00	1.49E+00	6.91E+00	1.09E+00	5.21E+00	7.09E-01	2.11E+00	3.32E-01	1.07E+00	1.86E-01	1.37E-01	2.15E-02	8.57E-10	1.34E-10
1.76E+00	2.61E-01	1.34E+01	1.83E+00	8.54E+00	1.12E+00	5.98E+00	8.33E-01	4.80E+00	5.30E-01	2.21E+00	3.04E-01	1.16E+00	1.73E-01	1.18E-01	1.62E-02	7.35E-10	1.01E-10
3.53E+00	2.66E-01	1.22E+01	1.94E+00	7.86E+00	1.21E+00	5.83E+00	9.01E-01	3.36E+00	5.32E-01	2.81E+00	3.24E-01	1.66E+00	1.87E-01	1.15E-01	1.76E-02	7.25E-10	1.10E-10
3.44E+00	2.77E-01	1.28E+01	1.66E+00	8.18E+00	1.03E+00	6.13E+00	7.64E-01	3.41E+00	4.70E-01	2.44E+00	2.99E-01	1.50E+00	1.71E-01	1.21E-01	1.49E-02	7.59E-10	9.32E-11
1.42E+00	2.22E-01	1.11E+01	1.55E+00	7.16E+00	9.71E-01	5.26E+00	7.20E-01	3.22E+00	4.37E-01	1.49E+00	2.43E-01	8.65E-01	1.38E-01	1.04E-01	1.41E-02	6.54E-10	8.84E-11
1.36E+00	2.08E-01	1.12E+01	1.60E+00	7.11E+00	9.89E-01	5.59E+00	7.27E-01	3.18E+00	4.43E-01	1.43E+00	2.79E-01	9.94E-01	1.60E-01	1.10E-01	1.44E-02	6.90E-10	9.00E-11
1.49E+00	2.17E-01	1.29E+01	2.00E+00	8.15E+00	1.26E+00	5.99E+00	9.28E-01	3.73E+00	5.65E-01	1.73E+00	2.87E-01	1.01E+00	1.66E-01	1.18E-01	1.82E-02	7.39E-10	1.14E-10
1.48E+00	2.03E-01	1.32E+01	2.39E+00	8.49E+00	1.49E+00	6.26E+00	1.11E+00	3.77E+00	6.66E-01	1.73E+00	3.47E-01	1.02E+00	2.01E-01	1.24E-01	2.16E-02	7.77E-10	1.36E-10
1.49E+00	2.12E-01	1.32E+01	2.12E+00	8.36E+00	1.31E+00	5.51E+00	9.78E-01	3.31E+00	5.85E-01	1.74E+00	3.26E-01	1.02E+00	1.90E-01	1.14E-01	1.90E-02	6.81E-10	1.19E-10
1.28E+00	1.84E-01	1.25E+01	2.51E+00	7.80E+00	1.57E+00	5.76E+00	1.16E+00	3.49E+00	6.92E-01	1.79E+00	3.46E-01	1.05E+00	2.04E-01	1.13E-01	2.28E-02	7.09E-10	1.43E-10
1.23E+00	2.15E-01	1.25E+01	2.58E+00	7.98E+00	1.60E+00	5.91E+00	1.19E+00	3.35E+00	7.17E-01	1.85E+00	3.84E-01	1.08E+00	2.24E-01	1.17E-01	2.32E-02	7.38E-10	1.46E-10
1.27E+00	2.08E-01	1.34E+01	2.07E+00	8.66E+00	1.27E+00	6.22E+00	9.48E-01	4.35E+00	5.76E-01	1.92E+00	3.30E-01	1.19E+00	1.91E-01	1.22E-01	1.83E-02	7.69E-10	1.15E-10
1.36E+00	2.34E-01	1.27E+01	1.84E+00	7.84E+00	1.14E+00	5.85E+00	8.40E-01	3.39E+00	5.41E-01	2.09E+00	2.82E-01	1.23E+00	1.62E-01	1.14E-01	1.63E-02	7.18E-10	1.02E-10
1.46E+00	2.36E-01	1.19E+01	2.10E+00	7.68E+00	1.33E+00	5.64E+00	9.84E-01	3.42E+00	5.92E-01	1.77E+00	2.76E-01	1.02E+00	1.63E-01	1.12E-01	1.93E-02	7.02E-10	1.22E-10
1.93E+00	2.09E-01	1.38E+01	2.32E+00	8.69E+00	1.46E+00	6.38E+00	1.07E+00	4.07E+00	6.91E-01	1.88E+00	3.23E-01	1.08E+00	1.87E-01	1.25E-01	2.10E-02	7.85E-10	1.32E-10
2.04E+00	2.09E-01	1.44E+01	1.67E+00	8.91E+00	1.04E+00	6.59E+00	7.62E-01	4.30E+00	5.26E-01	2.25E+00	2.63E-01	1.27E+00	1.48E-01	1.27E-01	1.47E-02	7.99E-10	9.24E-11
1.89E+00	1.88E-01	1.32E+01	1.37E+00	8.11E+00	8.42E-01	5.88E+00	6.21E-01	4.44E+00	4.43E-01	2.30E+00	2.48E-01	1.25E+00	1.36E-01	1.12E-01	1.22E-02	7.03E-10	7.66E-11
2.22E+00	2.02E-01	1.56E+01	1.41E+00	9.99E+00	8.56E-01	7.34E+00	6.27E-01	4.51E+00	4.52E-01	2.53E+00	2.61E-01	1.32E+00	1.44E-01	1.45E-01	1.19E-02	9.09E-10	7.44E-11
1.97E+00	1.89E-01	1.22E+01	1.02E+00	7.78E+00	6.19E-01	5.63E+00	4.60E-01	3.90E+00	3.33E-01	1.75E+00	2.14E-01	9.44E-01	1.16E-01	1.10E-01	8.85E-03	6.91E-10	5.55E-11
1.35E+00	1.73E-01	7.78E+00	8.93E-01	5.02E+00	5.58E-01	3.68E+00	4.16E-01	2.66E+00	2.46E-01	1.30E+00	1.66E-01	6.96E-01	8.87E-02	7.29E-02	8.13E-03	4.57E-10	5.09E-11
1.52E+00	1.64E-01	8.04E+00	9.76E-01	5.19E+00	6.07E-01	3.72E+00	4.54E-01	2.65E+00	2.69E-01	1.56E+00	1.74E-01	8.16E-01	9.53E-02	7.32E-02	8.85E-03	4.59E-10	5.54E-11
1.41E+00	2.09E-01	8.77E+00	1.65E+00	5.58E+00	1.08E+00	4.38E+00	7.71E-01	2.49E+00	5.39E-01	1.21E+00	2.08E-01	6.87E-01	1.19E-01	8.86E-02	1.53E-02	5.52E-10	9.53E-11
1.39E+00	2.06E-01	1.06E+01	1.87E+00	6.67E+00	1.18E+00	5.30E+00	9.15E-01	2.87E+00	4.69E-01	1.36E+00	2.64E-01	7.81E-01	1.51E-01	1.07E-01	1.84E-02	6.67E-10	1.15E-10
1.65E+00	2.76E-01	1.56E+01	2.42E+00	9.82E+00	1.52E+00	7.78E+00	1.19E+00	3.26E+00	7.00E-01	1.62E+00	4.01E-01	1.14E+00	2.24E-01	1.58E-01	2.38E-02	9.80E-10	1.49E-10
1.30E+00	3.41E-01	1.35E+01	1.58E+00	8.56E+00	9.11E-01	6.75E+00	7.05E-01	2.97E+00	4.89E-01	1.39E+00	3.58E-01	9.87E-01	1.96E-01	1.37E-01	1.42E-02	8.48E-10	8.85E-11
1.34E+00	3.88E-01	1.25E+01	2.28E+00	7.99E+00	1.46E+00	6.13E+00	1.09E+00	2.94E+00	5.69E-01	1.36E+00	3.22E-01	9.02E-01	1.77E-01	1.23E-01	2.18E-02	7.67E-10	1.36E-10
1.38E+00	3.34E-01	1.08E+01	2.41E+00	7.00E+00	1.55E+00	5.11E+00	1.14E+00	3.18E+00	7.03E-01	1.47E+00	3.00E-01	8.27E-01	1.78E-01	1.02E-01	2.26E-02	6.35E-10	1.41E-10
1.69E+00	3.17E-01	1.02E+01	2.27E+00	6.67E+00	1.47E+00	4.90E+00	1.05E+00	3.49E+00	7.42E-01	1.52E+00	2.92E-01	8.70E-01	1.66E-01	9.70E-02	2.08E-02	6.06E-10	1.30E-10
1.80E+00	2.45E-01	1.63E+01	2.68E+00	1.01E+01	1.70E+00	8.03E+00	1.25E+00	3.22E+00	7.80E-01	2.10E+00	3.68E-01	1.18E+00	2.16E-01	1.62E-01	2.47E-02	1.01E-09	1.54E-10
1.67E+00	2.13E-01	2.18E+01	2.88E+00	1.37E+01	1.81E+00	1.08E+01	1.34E+00	3.70E+00	8.14E-01	2.26E+00	4.12E-01	1.57E+00	2.41E-01	2.18E-01	2.63E-02	1.36E-09	1.64E-10
1.77E+00	2.73E-01	1.19E+01	2.30E+00	7.62E+00	1.38E+00	5.77E+00	1.05E+00	4.25E+00	6.00E-01	1.94E+00	3.94E-01	9.54E-01	2.26E-01	1.16E-01	2.02E-02	7.20E-10	1.26E-10
1.57E+00	3.59E-01	1.57E+01	2.57E+00	9.54E+00	1.62E+00	7.21E+00	1.22E+00	4.15E+00	6.76E-01	2.47E+00	3.78E-01	1.43E+00	2.16E-01	1.40E-01	2.40E-02	8.74E-10	1.50E-10
1.88E+00	4.23E-01	1.52E+01	2.49E+00	9.16E+00	1.59E+00	7.35E+00	1.15E+00	2.89E+00	7.96E-01	2.34E+00	3.68E-01	1.49E+00	2.07E-01	1.43E-01	2.26E-02	8.98E-10	1.42E-10

Scenario 2 Results

1.93E+00	3.26E-01	1.03E+01	2.44E+00	6.69E+00	1.50E+00	4.88E+00	1.13E+00	3.11E+00	6.70E-01	1.56E+00	4.00E-01	9.78E-01	2.32E-01	9.65E-02	2.17E-02	6.05E-10	1.36E-10
2.51E+00	2.68E-01	1.30E+01	1.99E+00	8.36E+00	1.18E+00	6.17E+00	9.08E-01	3.69E+00	5.16E-01	1.52E+00	3.58E-01	9.16E-01	2.07E-01	1.22E-01	1.73E-02	7.66E-10	1.08E-10
1.68E+00	2.48E-01	1.44E+01	1.79E+00	9.20E+00	1.09E+00	7.00E+00	8.39E-01	3.34E+00	4.49E-01	1.59E+00	2.85E-01	1.03E+00	1.71E-01	1.39E-01	1.62E-02	8.75E-10	1.02E-10
1.83E+00	3.64E-01	1.02E+01	1.66E+00	6.61E+00	1.01E+00	4.85E+00	7.60E-01	3.69E+00	4.82E-01	1.46E+00	2.88E-01	8.77E-01	1.65E-01	9.46E-02	1.45E-02	5.93E-10	9.10E-11
1.49E+00	2.40E-01	8.89E+00	1.32E+00	5.45E+00	7.81E-01	4.22E+00	5.95E-01	2.31E+00	3.66E-01	1.31E+00	2.57E-01	8.17E-01	1.46E-01	8.21E-02	1.12E-02	5.16E-10	7.02E-11
1.26E+00	1.71E-01	7.85E+00	1.56E+00	4.95E+00	9.89E-01	3.87E+00	7.30E-01	2.18E+00	4.50E-01	1.04E+00	2.26E-01	5.85E-01	1.30E-01	7.74E-02	1.43E-02	4.86E-10	8.99E-11
1.44E+00	1.73E-01	8.26E+00	1.47E+00	5.37E+00	8.94E-01	3.86E+00	6.75E-01	2.72E+00	4.07E-01	1.09E+00	2.52E-01	6.09E-01	1.45E-01	7.60E-02	1.29E-02	4.77E-10	8.10E-11
1.73E+00	1.83E-01	9.41E+00	1.37E+00	6.05E+00	8.30E-01	4.49E+00	6.33E-01	2.56E+00	3.58E-01	1.35E+00	2.33E-01	7.73E-01	1.35E-01	8.90E-02	1.21E-02	5.59E-10	7.61E-11
2.07E+00	2.16E-01	7.76E+00	1.26E+00	4.93E+00	7.79E-01	3.56E+00	5.82E-01	3.02E+00	3.49E-01	1.62E+00	2.20E-01	9.02E-01	1.26E-01	6.96E-02	1.13E-02	4.37E-10	7.06E-11
1.18E+00	1.40E-01	9.29E+00	1.45E+00	5.88E+00	9.23E-01	4.42E+00	6.82E-01	2.58E+00	4.19E-01	1.34E+00	1.92E-01	8.05E-01	1.13E-01	8.59E-02	1.34E-02	5.39E-10	8.39E-11
1.38E+00	1.62E-01	8.05E+00	1.51E+00	5.44E+00	9.32E-01	3.80E+00	6.90E-01	2.08E+00	4.45E-01	1.05E+00	2.45E-01	6.42E-01	1.40E-01	8.22E-02	1.34E-02	4.72E-10	8.32E-11
1.40E+00	2.08E-01	9.33E+00	1.77E+00	6.28E+00	1.08E+00	4.37E+00	8.11E-01	2.62E+00	4.88E-01	1.23E+00	3.04E-01	7.33E-01	1.75E-01	9.32E-02	1.56E-02	5.42E-10	9.73E-11
1.56E+00	2.09E-01	7.23E+00	1.46E+00	4.92E+00	8.84E-01	3.30E+00	6.71E-01	2.50E+00	3.89E-01	1.49E+00	2.62E-01	8.57E-01	1.51E-01	6.97E-02	1.29E-02	4.05E-10	8.01E-11
1.54E+00	2.02E-01	6.43E+00	1.90E+00	3.99E+00	1.17E+00	2.97E+00	8.72E-01	1.80E+00	5.35E-01	1.10E+00	3.13E-01	6.47E-01	1.80E-01	5.79E-02	1.69E-02	3.61E-10	1.05E-10
9.55E-01	2.12E-01	6.33E+00	1.88E+00	4.09E+00	1.16E+00	2.97E+00	8.68E-01	1.94E+00	5.18E-01	9.84E-01	2.95E-01	5.70E-01	1.71E-01	5.88E-02	1.69E-02	3.68E-10	1.05E-10
1.34E+00	1.74E-01	6.74E+00	1.97E+00	4.35E+00	1.23E+00	3.17E+00	9.09E-01	2.06E+00	5.70E-01	1.06E+00	2.98E-01	6.12E-01	1.72E-01	6.25E-02	1.77E-02	3.92E-10	1.11E-10
1.00E+00	2.20E-01	9.48E+00	2.03E+00	6.12E+00	1.26E+00	4.57E+00	9.41E-01	2.35E+00	5.60E-01	1.12E+00	3.11E-01	6.82E-01	1.81E-01	9.20E-02	1.83E-02	5.70E-10	1.14E-10
9.49E-01	1.91E-01	1.03E+01	1.65E+00	6.63E+00	9.97E-01	5.04E+00	7.61E-01	3.28E+00	4.52E-01	1.20E+00	2.80E-01	7.48E-01	1.63E-01	1.02E-01	1.46E-02	6.31E-10	9.14E-11
9.59E-01	2.29E-01	1.10E+01	1.63E+00	6.95E+00	1.05E+00	4.78E+00	7.58E-01	4.19E+00	5.16E-01	1.55E+00	2.43E-01	7.88E-01	1.41E-01	9.90E-02	1.50E-02	5.98E-10	9.32E-11
1.24E+00	2.45E-01	1.20E+01	1.47E+00	7.79E+00	9.05E-01	5.66E+00	6.74E-01	3.77E+00	4.28E-01	1.66E+00	2.40E-01	8.54E-01	1.37E-01	1.13E-01	1.31E-02	7.02E-10	8.16E-11
2.86E+00	2.31E-01	9.94E+00	1.75E+00	6.46E+00	1.09E+00	4.65E+00	8.13E-01	3.08E+00	4.79E-01	2.49E+00	2.80E-01	1.43E+00	1.62E-01	9.28E-02	1.59E-02	5.76E-10	9.94E-11
3.83E+00	2.23E-01	1.31E+01	1.70E+00	8.32E+00	1.06E+00	6.31E+00	7.87E-01	3.71E+00	4.69E-01	2.70E+00	2.98E-01	1.65E+00	1.71E-01	1.25E-01	1.55E-02	7.84E-10	9.75E-11
2.12E+00	2.54E-01	9.68E+00	1.48E+00	6.22E+00	9.02E-01	4.34E+00	6.77E-01	2.87E+00	4.15E-01	1.60E+00	2.46E-01	9.85E-01	1.41E-01	9.12E-02	1.30E-02	5.51E-10	8.16E-11
1.26E+00	1.74E-01	1.14E+01	1.48E+00	7.00E+00	9.17E-01	5.68E+00	6.78E-01	2.81E+00	4.26E-01	1.43E+00	2.51E-01	9.92E-01	1.43E-01	1.12E-01	1.34E-02	7.03E-10	8.39E-11
1.21E+00	1.98E-01	1.05E+01	1.56E+00	6.79E+00	9.55E-01	4.99E+00	7.08E-01	3.32E+00	4.26E-01	1.40E+00	2.69E-01	9.42E-01	1.55E-01	9.76E-02	1.39E-02	6.12E-10	8.73E-11
1.41E+00	2.15E-01	1.10E+01	2.13E+00	6.90E+00	1.33E+00	5.09E+00	9.85E-01	3.21E+00	5.98E-01	1.58E+00	3.01E-01	9.13E-01	1.76E-01	9.93E-02	1.93E-02	6.24E-10	1.21E-10
1.46E+00	1.97E-01	1.37E+01	2.21E+00	8.72E+00	1.37E+00	6.51E+00	1.02E+00	3.62E+00	6.11E-01	1.65E+00	3.23E-01	1.01E+00	1.88E-01	1.29E-01	1.99E-02	8.09E-10	1.25E-10
1.21E+00	1.88E-01	1.04E+01	1.85E+00	6.46E+00	1.16E+00	4.86E+00	8.63E-01	3.01E+00	5.03E-01	1.57E+00	2.74E-01	9.03E-01	1.59E-01	9.63E-02	1.70E-02	6.05E-10	1.07E-10
1.10E+00	1.67E-01	1.17E+01	2.40E+00	7.27E+00	1.50E+00	5.38E+00	1.11E+00	3.23E+00	6.59E-01	1.71E+00	3.37E-01	1.00E+00	1.98E-01	1.05E-01	2.18E-02	6.61E-10	1.37E-10
1.15E+00	1.96E-01	1.27E+01	2.20E+00	8.16E+00	1.36E+00	6.04E+00	1.01E+00	3.43E+00	6.11E-01	1.58E+00	3.35E-01	9.28E-01	1.95E-01	1.20E-01	1.97E-02	7.54E-10	1.23E-10
1.19E+00	1.85E-01	1.19E+01	1.74E+00	7.51E+00	1.08E+00	5.51E+00	8.02E-01	3.88E+00	4.99E-01	1.95E+00	2.70E-01	1.17E+00	1.56E-01	1.08E-01	1.56E-02	6.70E-10	9.82E-11
1.20E+00	2.15E-01	1.22E+01	1.67E+00	7.45E+00	1.04E+00	5.62E+00	7.75E-01	3.20E+00	4.93E-01	1.98E+00	2.59E-01	1.18E+00	1.48E-01	1.10E-01	1.53E-02	6.85E-10	9.62E-11
1.32E+00	2.13E-01	1.17E+01	2.02E+00	7.55E+00	1.28E+00	5.55E+00	9.48E-01	3.33E+00	5.69E-01	1.59E+00	2.64E-01	9.31E-01	1.56E-01	1.10E-01	1.86E-02	6.92E-10	1.17E-10
1.52E+00	1.76E-01	9.59E+00	1.85E+00	6.17E+00	1.16E+00	4.46E+00	8.54E-01	3.00E+00	5.54E-01	1.40E+00	2.62E-01	7.77E-01	1.51E-01	8.79E-02	1.67E-02	5.52E-10	1.05E-10
1.76E+00	1.82E-01	1.14E+01	1.45E+00	7.07E+00	9.03E-01	5.20E+00	6.60E-01	3.44E+00	4.57E-01	1.73E+00	2.29E-01	9.77E-01	1.29E-01	1.01E-01	1.27E-02	6.32E-10	8.00E-11
1.87E+00	1.74E-01	1.21E+01	1.34E+00	7.44E+00	8.22E-01	5.40E+00	6.07E-01	4.04E+00	4.16E-01	2.12E+00	2.29E-01	1.15E+00	1.24E-01	1.03E-01	1.19E-02	6.46E-10	7.50E-11
1.66E+00	1.76E-01	1.21E+01	1.14E+00	7.74E+00	6.88E-01	5.72E+00	5.03E-01	3.36E+00	3.74E-01	1.88E+00	2.19E-01	9.79E-01	1.20E-01	1.13E-01	9.61E-03	7.11E-10	6.03E-11
1.75E+00	1.81E-01	1.28E+01	1.02E+00	8.20E+00	6.08E-01	5.98E+00	4.47E-01	3.87E+00	3.36E-01	1.65E+00	2.09E-01	9.58E-01	1.14E-01	1.18E-01	8.62E-03	7.39E-10	5.41E-11
1.40E+00	1.76E-01	9.97E+00	7.97E-01	6.28E+00	4.99E-01	4.52E+00	3.72E-01	3.30E+00	2.54E-01	1.49E+00	1.79E-01	8.20E-01	9.62E-02	8.78E-02	7.27E-03	5.50E-10	4.55E-11
1.42E+00	2.12E-01	1.29E+01	2.20E+00	8.08E+00	1.39E+00	6.42E+00	1.08E+00	3.22E+00	5.48E-01	1.41E+00	3.03E-01	9.34E-01	1.73E-01	1.30E-01	2.17E-02	8.08E-10	1.35E-10
1.41E+00	2.34E-01	1.16E+01	1.71E+00	7.33E+00	1.05E+00	5.80E+00	8.18E-01	2.37E+00	5.16E-01	1.22E+00	3.11E-01	8.48E-01	1.73E-01	1.18E-01	1.64E-02	7.31E-10	1.02E-10
1.27E+00	3.34E-01	1.38E+01	1.49E+00	8.72E+00	9.27E-01	6.86E+00	7.08E-01	3.05E+00	4.64E-01	1.42E+00	3.45E-01	1.00E+00	1.89E-01	1.39E-01	1.42E-02	8.63E-10	8.81E-11
1.17E+00	3.44E-01	1.05E+01	2.02E+00	6.71E+00	1.29E+00	5.14E+00	9.69E-01	2.49E+00	5.06E-01	1.14E+00	2.80E-01	7.57E-01	1.54E-01	1.03E-01	1.93E-02	6.43E-10	1.20E-10
1.48E+00	3.59E-01	1.33E+01	2.87E+00	8.64E+00	1.85E+00	6.32E+00	1.36E+00	3.88E+00	8.23E-01	1.67E+00	3.51E-01	9.46E-01	2.10E-01	1.26E-01	2.70E-02	7.85E-10	1.68E-10
1.46E+00	2.79E-01	8.92E+00	1.98E+00	5.84E+00	1.29E+00	4.24E+00	9.22E-01	3.02E+00	6.47E-01	1.30E+00	2.56E-01	7.46E-01	1.46E-01	8.39E-02	1.82E-02	5.23E-10	1.14E-10
1.67E+00	2.40E-01	1.59E+01	2.51E+00	9.84E+00	1.60E+00	7.80E+00	1.17E+00	3.15E+00	7.29E-01	1.97E+00	3.43E-01	1.14E+00	2.01E-01	1.57E-01	2.32E-02	9.81E-10	1.44E-10
1.45E+00	1.77E-01	1.84E+01	2.55E+00	1.16E+01	1.60E+00	9.13E+00	1.19E+00	3.04E+00	7.21E-01	1.90E+00	3.62E-01	1.33E+00	2.11E-01	1.84E-01	2.33E-02	1.15E-09	1.45E-10
1.48E+00	2.27E-01	1.09E+01	2.14E+00	6.96E+00	1.30E+00	5.33E+00	9.79E-01	3.31E+00	5.69E-01	1.49E+00	3.48E-01	7.86E-01	2.01E-01	1.07E-01	1.90E-02	6.67E-10	1.18E-10
1.61E+00	3.22E-01	1.49E+01	2.43E+00	9.06E+00	1.53E+00	6.71E+00	1.15E+00	4.41E+00	6.16E-01	2.42E+00	3.57E-01	1.36E+00	2.03E-01	1.29E-01	2.28E-02	8.08E-10	1.42E-10
1.55E+00	3.66E-01	1.44E+01	2.38E+00	8.66E+00	1.52E+00	6.87E+00	1.11E+00	2.78E+00	7.12E-01	2.20E+00	3.25E-01	1.38E+00	1.87E-01	1.34E-01	2.18E-02	8.37E-10	1.37E-10
1.71E+00	3.02E-01	7.93E+00	2.02E+00	5.15E+00	1.24E+00	3.76E+00	9.31E-01	2.50E+00	5.66E-01	1.47E+00	3.27E-01	9.25E-01	1.88E-01	7.54E-02	1.80E-02	4.74E-10	1.13E-10
2.04E+00	2.30E-01	1.15E+01	2.01E+00	7.40E+00	1.22E+00	5.45E+00	9.28E-01	3.27E+00	5.30E-01	1.34E+00	3.42E-01	8.10E-01	1.99E-01	1.08E-01	1.78E-02	6.78E-10	1.12E-10
1.48E+00	2.06E-01	8.61E+00	1.52E+00	5.47E+00	9.33E-01	4.21E+00	7.15E-01	2.75E+00	3.74E-01	9.90E-01	2.34E-01	6.16E-01	1.40E-01	8.39E-02	1.39E-02	5.26E-10	8.70E-11
1.50E+00	2.79E-01	1.22E+01	1.54E+00	7.87E+00	9.47E-01	5.76E+00	7.08E-01	3.59E+00	4.49E-01	1.44E+00	2.61E-01	8.59E-01	1.50E-01	1.14E-01	1.36E-02	7.15E-10	8.50E-11
1.94E+00	3.48E-01	1.35E+01	1.59E+00	8.42E+00	9.64E-01	6.47E+00	7.24E-01	3.27E+00	4.59E-01	1.82E+00	2.87E-01	1.13E+00	1.63E-01	1.27E-01	1.38E-02	7.96E-10	8.63E-11
1.87E+00	2.34E-01	1.10E+01	1.55E+00	7.13E+00	9.90E-01	5.24E+00	7.30E-01	3.19E+00	4.44E-01	1.30E+00	2.28E-01	7.80E-01	1.34E-01	1.04E-01	1.44E-02	6.51E-10	9.02E-11
1.55E+00	1.82E-01	1.31E+01	1.61E+00	8.33E+00	1.02E+00	6.39E+00	7.55E-01	2.88E+00	4.64E-01	1.43E+00	2.47E-01	9.35E-01	1.42E-01	1.27E-01	1.48E-02	7.99E-10	9.26E-11
1.24E+00	1.68E-01	8.47E+00	1.41E+00	5.32E+00	8.57E-01	4.10E+00	6.49E-01	2.97E+00	3.97E-01	1.32E+00	2.43E-01	7.47E-01	1.41E-01	8.19E-02	1.24E-02	5.14E-10	7.79E-11
1.43E+00	1.74E-01	7.34E+00	1.17E+00	4.79E+00	7.11E-01	3.42E+00	5.42E-01	2.46E+00	3.02E-01	1.21E+00	2.06E-01	6.76E-01	1.18E-01	6.74E-02	1.04E-02	4.23E-10	6.53E-11
1.36E+00	1.72E-01	6.49E+00	1.16E+00	4.10E+00	7.17E-01	2.97E+00	5.36E-01	2.09E+00	3.17E-01	1.19E+00	1.80E-01	6.68E-01	1.05E-01	5.78E-02	1.04E-02	3.63E-10	6.50E-11
1.06E+00	1.26E-01	7.53E+00	1.24E+00	4.72E+00	7.89E-01	3.59E+00	5.82E-01	1.99E+00	3.61E-01	1.13E+00	1.68E-01	6.81E-01	9.88E-02	6.96E-02	1.14E-02	4.37E-10	7.16E-11
1.48E+00	1.62E-01	8.10E+00	1.51E+00	5.48E+00	9.37E-01	3.83E+00	6.94E-01	2.10E+00	4.42E-01	1.04E+00	2.47E-01	6.39E-01	1.41E-01	8.29E-02	1.35E-02	4.76E-10	8.38E-11
1.18E+00	1.84E-01	8.89E+00	1.54E+00	6.00E+00	9.35E-01	4.16E+00	7.04E-01	2.55E+00	4.19E-01	1.16E+00	2.67E-01	6.92E-01	1.54E-01	8.88E-02	1.36E-02	5.16E-10	8.44E-11
1.22E+00	1.62E-01	6.64E+00	1.26E+00	4.54E+00	7.60E-01	3.02E+00	5.75E-01	2.36E+00	3.45E-01	1.09E+00	2.24E-01	6.28E-01	1.29E-01	6.40E-02	1.11E-02	3.71E-10	6.88E-11
1.33E+00	1.87E-01	5.92E+00	1.75E+00	3.67E+00	1.08E+00	2.74E+00	8.06E-01	1.65E+00	4.93E-01	9.40E-01	2.89E-01	5.55E-01	1.67E-01	5.34E-02	1.56E-02	3.33E-10	9.72E-11
7.75E-01	1.94E-01	5.68E+00	1.71E+00	3.62E+00	1.06E+00	2.63E+00	7.91E-01	1.71E+00	4.72E-01	9.11E-01	2.69E-01	5.34E-01	1.56E-01	5.20E-02	1.54E-02	3.26E-10	9.59E-11
1.05E+00	1.60E-01	5.98E+00	1.72E+00	3.70E+00	1.08E+00	2.76E+00	7.97E-01	1.72E+00	4.99E-01	9.73E-01	2.63E-01	5.63E-01	1.54E-01	5.38E-02	1.56E-02	3.33E-10	9.69E-11
6.68E-01	1.64E-01	8.16E+00	1.75E+00	5.30E+00	1.08E+00	3.89E+00	8.08E-01	2.23E+00	4.85E-01	1.00E+00	2.67E-01	5.86E-01	1.55E-01	7.83E-02	1.58E-02	4.84E-10	9.83E-11
7.07E-01	1.68E-01	1.01E+01	1.49E+00	6.51E+00	9.06E-01	4.92E+00	6.88E-01	2.35E+00	3.90E-01	1.13E+00	2.48E-01	7.32E-01	1.45E-01	9.95E-02	1.33E-02	6.14E-10	8.29E-11
8.37E-01	1.74E-01	1.03E+01	1.32E+00	6.78E+00	8.51E-01	4.79E+00	6.10E-01	3.73E+00	4.25E-01	1.32E+00	2.22E-01	7.66E-01	1.30E-01	9.79E-02	1.21E-02	5.95E-10	7.50E-11
1.01E+00	2.33E-01	1.13E+01	1.37E+00	7.36E+00	8.57E-01	5.33E+00	6.29E-01	3.43E+00	4.04E-01	1.39E+00	2.16E-01	8.05E-01	1.22E-01	1.06E-01	1.23E-02	6.61E-10	7.66E-11
2.17E+00	1.93E-01	1.16E+01	1.53E+00	7.53E+00	9.53E-01	5.43E+00	7.09E-01	3.54E+00	4.17E-01	2.08E+00	2.32E-01	1.16E+00	1.34E-01	1.09E-01	1.39E-02	6.73E-10	8.69E-11
3.71E+00	2.23E-01	1.13E+01	1.62E+00	7.30E+00	9.83E-01	5.34E+00	7.41E-01	3.32E+00	4.43E-01	2.68E+00	2.78E-01	1.62E+00	1.61E-01	1.06E-01	1.42E-02	6.64E-10	8.91E-11
2.78E+00	2.54E-01	1.18E+01	1.51E+00	7.57E+00	9.34E-01	5.56E+00	6.95E-01	3.45E+00	4.29E-01	2.02E+00	2.51E-01	1.25E+00	1.43E-01	1.10E-01	1.35E-02	6.88E-10	8.45E-11
1.10E+00	1.82E-01	1.10E+01	1.43E+00	6.73E+00	8.98E-01	5.46E+00	6.65E-01	2.68E+00	4.06E-01	1.37E+00	2.23E-01	9.44E-01	1.27E-01	1.08E-01	1.30E-02	6.76E-10	8.17E-11
1.09E+00	1.74E-01	1.16E+01	1.42E+00	7.11E+00	9.08E-01	5.80E+00	6.71E-01	2.89E+00	3.97E-01	1.51E+00	2.45E-01	1.05E+00	1.41E-01	1.14E-01	1.33E-02	7.15E-10	8.32E-11
1.33E+00	2.06E-01	1.08E+01	1.74E+00	6.83E+00	1.09E+00	5.03E+00	8.05E-01	3.09E+00	4.87E-01	1.41E+00	2.49E-01	8.32E-01	1.44E-01	9.89E-02	1.58E-02	6.21E-10	9.92E-11
1.31E+00	1.84E-01	1.13E+01	2.06E+00	7.33E+00	1.28E+00	5.31E+00	9.53E-01	3.54E+00	5.78E-01	1.44E+00	3.04E-01	8.24E-01	1.77E-01	1.05E-01	1.87E-02	6.58E-10	1.17E-10
1.29E+00	1.90E-01	1.37E+01	1.92E+00	8.69E+00	1.19E+00	6.55E+00	8.87E-01	3.42E+00	5.28E-01	1.68E+00	2.90E-01	1.04E+00	1.69E-01	1.30E-01	1.73E-02	8.14E-10	1.08E-10
1.13E+00	1.61E-01	1.01E+01	1.95E+00	6.36E+00	1.22E+00	4.85E+00	9.07E-01	2.85E+00	5.27E-01	1.45E+00	2.61E-01	8.46E-01	1.55E-01	9.62E-02	1.79E-02	6.04E-10	1.12E-10
1.23E+00	1.65E-01	1.06E+01	2.22E+00	6.58E+00	1.38E+00	4.88E+00	1.03E+00	2.92E+00	6.10E-01	1.60E+00	3.19E-01	9.31E-01	1.87E-01	9.55E-02	2.01E-02	5.99E-10	1.26E-10
1.20E+00	1.79E-01	1.38E+01	1.86E+00	8.83E+00	1.14E+00	6.53E+00	8.52E-01	3.71E+00	5.17E-01	1.63E+00	2.92E-01	9.92E-01	1.69E-01	1.30E-01	1.65E-02	8.15E-10	1.04E-10
1.03E+00	1.81E-01	1.34E+01	1.67E+00	8.21E+00	1.04E+00	6.23E+00	7.73E-01	4.20E+00	4.78E-01	1.85E+00	2.63E-01	1.10E+00	1.49E-01	1.22E-01	1.51E-02	7.65E-10	9.46E-11
1.17E+00	1.95E-01	1.11E+01	1.51E+00	6.83E+00	9.58E-01	5.14E+00	7.13E-01	2.96E+00	4.37E-01	1.73E+00	2.33E-01	1.03E+00	1.32E-01	1.01E-01	1.41E-02	6.28E-10	8.85E-11
1.24E+00	1.88E-01	1.02E+01	1.81E+00	6.56E+00	1.15E+00	4.83E+00	8.46E-01	2.87E+00	5.10E-01	1.34E+00	2.37E-01	8.01E-01	1.40E-01	9.58E-02	1.66E-02	6.01E-10	1.05E-10
1.42E+00	1.67E-01	1.11E+01	1.98E+00	7.15E+00	1.25E+00	5.19E+00	9.15E-01	3.37E+00	5.89E-01	1.47E+00	2.75E-01	8.31E-01	1.59E-01	1.03E-01	1.79E-02	6.44E-10	1.12E-10
1.69E+00	1.86E-01	1.30E+01	1.54E+00	8.13E+00	9.64E-01	5.97E+00	7.04E-01	3.87E+00	4.86E-01	1.85E+00	2.38E-01	1.06E+00	1.34E-01	1.16E-01	1.36E-02	7.31E-10	8.54E-11
1.84E+00	1.67E-01	1.33E+01	1.44E+00	8.14E+00	8.86E-01	6.04E+00	6.53E-01	3.97E+00	4.34E-01	2.15E+00	2.29E-01	1.22E+00	1.29E-01	1.16E-01	1.26E-02	7.30E-10	7.90E-11
1.68E+00	1.66E-01	1.16E+01	1.11E+00	7.40E+00	6.85E-01	5.52E+00	5.00E-01	3.29E+00	3.70E-01	1.83E+00	2.11E-01	9.57E-01	1.14E-01	1.10E-01	9.77E-03	6.87E-10	6.13E-11
1.48E+00	1.67E-01	1.19E+01	9.55E-01	7.61E+00	5.69E-01	5.58E+00	4.19E-01	3.45E+00	3.16E-01	1.49E+00	1.95E-01	8.78E-01	1.06E-01	1.10E-01	8.13E-03	6.91E-10	5.10E-11
1.34E+00	2.36E-01	1.19E+01	1.65E+00	7.55E+00	9.90E-01	5.97E+00	7.66E-01	2.34E+00	5.02E-01	1.22E+00	3.05E-01	8.74E-01	1.69E-01	1.22E-01	1.54E-02	7.52E-10	9.56E-11
1.09E+00	2.91E-01	1.12E+01	1.29E+00	7.10E+00	8.16E-01	5.58E+00	6.23E-01	2.50E+00	3.60E-01	1.16E+00	2.86E-01	8.17E-01	1.56E-01	1.13E-01	1.25E-02	7.01E-10	7.74E-11
1.05E+00	3.07E-01	8.93E+00	1.82E+00	5.72E+00	1.16E+00	4.34E+00	8.70E-01	2.13E+00	4.55E-01	1.00E+00	2.46E-01	6.40E-01	1.36E-01	8.73E-02	1.74E-02	5.44E-10	1.08E-10
1.23E+00	2.82E-01	9.18E+00	2.06E+00	5.96E+00	1.33E+00	4.34E+00	9.72E-01	2.74E+00	5.95E-01	1.27E+00	2.55E-01	7.13E-01	1.52E-01	8.63E-02	1.93E-02	5.38E-10	1.20E-10
1.29E+00	2.50E-01	8.00E+00	1.77E+00	5.23E+00	1.15E+00	3.83E+00	8.25E-01	2.68E+00	5.77E-01	1.14E+00	2.29E-01	6.75E-01	1.31E-01	7.58E-02	1.63E-02	4.73E-10	1.02E-10

Scenario 2 Results

1.27E+00	1.96E-01	1.19E+01	2.01E+00	7.39E+00	1.28E+00	5.85E+00	9.38E-01	2.32E+00	5.82E-01	1.45E+00	2.78E-01	8.53E-01	1.63E-01	1.18E-01	1.85E-02	7.36E-10	1.15E-10
1.44E+00	1.62E-01	1.83E+01	2.45E+00	1.15E+01	1.55E+00	9.05E+00	1.14E+00	2.94E+00	6.95E-01	1.88E+00	3.43E-01	1.32E+00	2.01E-01	1.83E-01	2.25E-02	1.14E-09	1.40E-10
1.42E+00	2.19E-01	1.22E+01	2.18E+00	7.76E+00	1.34E+00	6.00E+00	1.00E+00	3.12E+00	5.91E-01	1.32E+00	3.40E-01	8.82E-01	1.96E-01	1.21E-01	1.96E-02	7.52E-10	1.22E-10
1.44E+00	2.59E-01	1.14E+01	1.91E+00	6.96E+00	1.20E+00	5.06E+00	9.08E-01	3.75E+00	4.80E-01	1.98E+00	3.11E-01	1.08E+00	1.77E-01	9.66E-02	1.79E-02	6.04E-10	1.12E-10
1.30E+00	2.95E-01	1.25E+01	2.11E+00	7.56E+00	1.34E+00	5.92E+00	9.89E-01	2.67E+00	5.99E-01	1.97E+00	2.96E-01	1.20E+00	1.70E-01	1.15E-01	1.95E-02	7.20E-10	1.22E-10
1.50E+00	2.86E-01	7.32E+00	1.73E+00	4.30E+00	1.07E+00	3.57E+00	7.97E-01	2.12E+00	5.11E-01	1.41E+00	2.77E-01	8.88E-01	1.59E-01	6.80E-02	1.54E-02	4.26E-10	9.64E-11
1.37E+00	2.12E-01	7.54E+00	1.75E+00	4.85E+00	1.07E+00	3.60E+00	8.09E-01	2.16E+00	4.69E-01	1.05E+00	2.91E-01	6.47E-01	1.69E-01	7.14E-02	1.56E-02	4.48E-10	9.76E-11
1.82E+00	1.97E-01	8.42E+00	1.45E+00	5.48E+00	8.94E-01	3.93E+00	6.82E-01	2.77E+00	3.59E-01	1.03E+00	2.46E-01	6.24E-01	1.41E-01	7.75E-02	1.33E-02	4.86E-10	8.33E-11
1.11E+00	1.69E-01	9.35E+00	1.24E+00	6.00E+00	7.61E-01	4.49E+00	5.69E-01	2.41E+00	3.59E-01	1.06E+00	2.08E-01	6.64E-01	1.19E-01	8.93E-02	1.09E-02	5.60E-10	6.84E-11
1.71E+00	3.32E-01	1.02E+01	1.54E+00	6.43E+00	9.44E-01	4.84E+00	7.06E-01	3.50E+00	4.50E-01	1.44E+00	2.66E-01	8.72E-01	1.52E-01	9.45E-02	1.35E-02	5.92E-10	8.46E-11
1.67E+00	2.48E-01	1.13E+01	1.29E+00	7.30E+00	7.68E-01	5.40E+00	5.83E-01	3.11E+00	3.66E-01	1.46E+00	2.51E-01	9.13E-01	1.42E-01	1.07E-01	1.10E-02	6.72E-10	6.88E-11
1.70E+00	1.80E-01	1.16E+01	1.72E+00	7.31E+00	1.10E+00	5.73E+00	8.10E-01	3.12E+00	4.93E-01	1.46E+00	2.21E-01	8.32E-01	1.31E-01	1.15E-01	1.60E-02	7.19E-10	1.00E-10
1.59E+00	1.70E-01	1.21E+01	1.40E+00	7.78E+00	8.86E-01	5.73E+00	6.52E-01	3.44E+00	4.13E-01	1.41E+00	2.41E-01	8.52E-01	1.38E-01	1.13E-01	1.28E-02	7.12E-10	7.96E-11
1.47E+00	1.56E-01	9.62E+00	1.29E+00	6.15E+00	7.82E-01	4.65E+00	5.94E-01	2.42E+00	3.47E-01	1.33E+00	2.22E-01	7.53E-01	1.29E-01	9.26E-02	1.14E-02	5.81E-10	7.13E-11
1.49E+00	1.68E-01	5.54E+00	1.03E+00	3.61E+00	6.28E-01	2.56E+00	4.78E-01	2.31E+00	2.65E-01	1.16E+00	1.86E-01	6.59E-01	1.07E-01	5.00E-02	9.23E-03	3.10E-10	5.78E-11
1.06E+00	1.44E-01	5.61E+00	1.07E+00	3.51E+00	6.63E-01	2.55E+00	4.96E-01	1.80E+00	2.90E-01	9.08E-01	1.66E-01	5.15E-01	9.73E-02	4.94E-02	9.69E-03	3.10E-10	6.03E-11
8.82E-01	1.17E-01	6.01E+00	1.03E+00	4.03E+00	6.44E-01	2.79E+00	4.74E-01	1.60E+00	3.10E-01	9.55E-01	1.65E-01	5.58E-01	9.44E-02	6.16E-02	9.21E-03	3.48E-10	5.77E-11
1.33E+00	1.51E-01	8.14E+00	1.44E+00	5.51E+00	8.87E-01	3.85E+00	6.59E-01	2.12E+00	4.15E-01	1.04E+00	2.36E-01	6.36E-01	1.35E-01	8.33E-02	1.28E-02	4.79E-10	7.95E-11
1.09E+00	1.68E-01	8.53E+00	1.37E+00	5.78E+00	8.33E-01	3.99E+00	6.28E-01	2.50E+00	3.71E-01	1.11E+00	2.40E-01	6.59E-01	1.39E-01	8.52E-02	1.21E-02	4.94E-10	7.52E-11
1.11E+00	1.50E-01	6.20E+00	1.13E+00	4.26E+00	6.91E-01	2.81E+00	5.17E-01	2.27E+00	3.30E-01	9.57E-01	2.01E-01	5.54E-01	1.16E-01	5.96E-02	9.97E-03	3.45E-10	6.19E-11
1.12E+00	1.72E-01	5.39E+00	1.60E+00	3.35E+00	9.87E-01	2.49E+00	7.38E-01	1.51E+00	4.49E-01	8.65E-01	2.66E-01	5.01E-01	1.53E-01	4.87E-02	1.43E-02	3.02E-10	8.90E-11
7.09E-01	1.85E-01	5.47E+00	1.60E+00	3.48E+00	9.89E-01	2.53E+00	7.38E-01	1.64E+00	4.41E-01	8.74E-01	2.52E-01	5.12E-01	1.46E-01	5.01E-02	1.44E-02	3.13E-10	8.95E-11
1.05E+00	1.51E-01	5.81E+00	1.65E+00	3.68E+00	1.04E+00	2.68E+00	7.65E-01	1.73E+00	4.79E-01	9.41E-01	2.51E-01	5.45E-01	1.47E-01	5.31E-02	1.50E-02	3.32E-10	9.31E-11
6.49E-01	1.56E-01	7.02E+00	1.72E+00	4.59E+00	1.07E+00	3.32E+00	7.99E-01	2.11E+00	4.83E-01	9.50E-01	2.61E-01	5.42E-01	1.52E-01	6.66E-02	1.56E-02	4.11E-10	9.73E-11
7.19E-01	1.72E-01	9.64E+00	1.50E+00	6.23E+00	9.14E-01	4.66E+00	6.92E-01	2.31E+00	3.94E-01	1.09E+00	2.43E-01	6.97E-01	1.42E-01	9.42E-02	1.34E-02	5.82E-10	8.36E-11
7.91E-01	1.60E-01	9.91E+00	1.14E+00	6.48E+00	7.34E-01	4.61E+00	5.27E-01	3.25E+00	3.59E-01	1.29E+00	2.10E-01	7.53E-01	1.23E-01	9.32E-02	1.05E-02	5.70E-10	6.49E-11
8.67E-01	2.14E-01	1.08E+01	1.42E+00	7.08E+00	9.03E-01	5.05E+00	6.58E-01	3.26E+00	4.30E-01	1.38E+00	2.03E-01	8.19E-01	1.16E-01	1.03E-01	1.30E-02	6.26E-10	8.05E-11
1.62E+00	1.60E-01	1.23E+01	1.34E+00	8.05E+00	8.40E-01	5.81E+00	6.25E-01	3.73E+00	3.66E-01	1.71E+00	2.01E-01	9.25E-01	1.14E-01	1.16E-01	1.23E-02	7.21E-10	7.65E-11
3.27E+00	2.16E-01	8.76E+00	1.45E+00	5.63E+00	8.91E-01	4.18E+00	6.64E-01	2.75E+00	3.94E-01	2.45E+00	2.46E-01	1.45E+00	1.43E-01	8.29E-02	1.30E-02	5.20E-10	8.11E-11
3.26E+00	2.14E-01	1.18E+01	1.38E+00	7.53E+00	8.46E-01	5.61E+00	6.24E-01	3.16E+00	3.87E-01	2.30E+00	2.47E-01	1.41E+00	1.42E-01	1.11E-01	1.22E-02	6.97E-10	7.68E-11
1.57E+00	2.14E-01	9.24E+00	1.26E+00	5.80E+00	7.75E-01	4.55E+00	5.76E-01	2.85E+00	3.56E-01	1.23E+00	2.19E-01	7.84E-01	1.25E-01	9.01E-02	1.13E-02	5.65E-10	7.09E-11
1.02E+00	1.52E-01	1.19E+01	1.39E+00	7.27E+00	8.94E-01	5.90E+00	6.60E-01	2.53E+00	3.90E-01	1.50E+00	2.22E-01	1.04E+00	1.27E-01	1.16E-01	1.31E-02	7.30E-10	8.20E-11
1.17E+00	1.82E-01	1.03E+01	1.46E+00	6.65E+00	9.24E-01	5.13E+00	6.84E-01	3.20E+00	4.10E-01	1.46E+00	2.36E-01	1.00E+00	1.36E-01	1.00E-01	1.34E-02	6.28E-10	8.44E-11
1.25E+00	1.97E-01	9.95E+00	1.88E+00	6.25E+00	1.17E+00	4.60E+00	8.69E-01	2.88E+00	5.30E-01	1.40E+00	2.67E-01	8.15E-01	1.56E-01	9.01E-02	1.70E-02	5.65E-10	1.07E-10
1.30E+00	1.76E-01	1.30E+01	1.99E+00	8.37E+00	1.24E+00	6.14E+00	9.21E-01	3.78E+00	5.43E-01	1.57E+00	2.89E-01	9.34E-01	1.69E-01	1.21E-01	1.80E-02	7.63E-10	1.13E-10
1.24E+00	1.74E-01	1.27E+01	1.62E+00	8.06E+00	9.95E-01	6.07E+00	7.46E-01	3.32E+00	4.41E-01	1.59E+00	2.53E-01	9.89E-01	1.48E-01	1.20E-01	1.45E-02	7.53E-10	9.08E-11
1.10E+00	1.38E-01	1.08E+01	2.05E+00	6.75E+00	1.28E+00	5.18E+00	9.54E-01	2.85E+00	5.54E-01	1.49E+00	2.78E-01	8.65E-01	1.65E-01	1.03E-01	1.88E-02	6.44E-10	1.18E-10
1.32E+00	1.64E-01	1.11E+01	2.05E+00	7.04E+00	1.27E+00	5.34E+00	9.44E-01	2.58E+00	5.61E-01	1.46E+00	3.01E-01	8.51E-01	1.76E-01	1.07E-01	1.84E-02	6.70E-10	1.16E-10
1.09E+00	1.63E-01	1.31E+01	1.58E+00	8.40E+00	9.75E-01	6.20E+00	7.24E-01	3.62E+00	4.63E-01	1.58E+00	2.55E-01	9.54E-01	1.48E-01	1.23E-01	1.40E-02	7.72E-10	8.79E-11
9.76E-01	1.69E-01	1.16E+01	1.49E+00	7.11E+00	9.26E-01	5.42E+00	6.86E-01	3.71E+00	4.30E-01	1.61E+00	2.37E-01	9.72E-01	1.34E-01	1.06E-01	1.34E-02	6.66E-10	8.41E-11
1.17E+00	1.84E-01	1.16E+01	1.50E+00	6.96E+00	9.55E-01	5.42E+00	7.10E-01	2.96E+00	4.24E-01	1.78E+00	2.19E-01	1.08E+00	1.26E-01	1.05E-01	1.40E-02	6.60E-10	8.81E-11
1.21E+00	1.82E-01	1.20E+01	2.03E+00	7.72E+00	1.29E+00	5.70E+00	9.52E-01	3.30E+00	5.66E-01	1.64E+00	2.60E-01	9.90E-01	1.55E-01	1.13E-01	1.88E-02	7.11E-10	1.18E-10
1.17E+00	1.59E-01	1.15E+01	1.97E+00	7.42E+00	1.25E+00	5.41E+00	9.17E-01	3.41E+00	5.86E-01	1.48E+00	2.72E-01	8.42E-01	1.58E-01	1.07E-01	1.80E-02	6.72E-10	1.13E-10
1.43E+00	1.76E-01	1.25E+01	1.53E+00	7.92E+00	9.57E-01	5.82E+00	6.98E-01	3.72E+00	4.81E-01	1.71E+00	2.32E-01	9.87E-01	1.31E-01	1.14E-01	1.35E-02	7.15E-10	8.49E-11
1.56E+00	1.54E-01	1.22E+01	1.22E+00	7.57E+00	7.74E-01	5.58E+00	5.72E-01	3.63E+00	3.68E-01	1.86E+00	1.91E-01	1.06E+00	1.08E-01	1.08E-01	1.13E-02	6.79E-10	7.07E-11
1.46E+00	1.43E-01	8.05E+00	1.01E+00	5.15E+00	6.40E-01	3.84E+00	4.67E-01	2.51E+00	3.10E-01	1.44E+00	1.76E-01	8.00E-01	9.50E-02	7.63E-02	9.13E-03	4.78E-10	5.73E-11
1.27E+00	3.37E-01	1.56E+01	1.70E+00	9.87E+00	1.08E+00	7.73E+00	8.28E-01	3.45E+00	4.50E-01	1.62E+00	3.38E-01	1.13E+00	1.84E-01	1.57E-01	1.66E-02	9.72E-10	1.03E-10
1.25E+00	3.66E-01	1.40E+01	2.62E+00	8.97E+00	1.68E+00	6.78E+00	1.26E+00	3.30E+00	6.43E-01	1.56E+00	3.07E-01	1.00E+00	1.93E-01	1.36E-01	2.52E-02	8.46E-10	1.57E-10
1.41E+00	3.28E-01	1.30E+01	2.78E+00	8.44E+00	1.79E+00	6.16E+00	1.32E+00	3.83E+00	7.89E-01	1.59E+00	3.38E-01	9.24E-01	2.03E-01	1.23E-01	2.62E-02	7.65E-10	1.63E-10
1.32E+00	2.65E-01	9.44E+00	2.00E+00	6.16E+00	1.30E+00	4.60E+00	9.34E-01	3.09E+00	6.47E-01	1.21E+00	2.56E-01	8.07E-01	1.47E-01	9.11E-02	1.85E-02	5.68E-10	1.15E-10
1.36E+00	2.14E-01	1.40E+01	2.09E+00	8.67E+00	1.33E+00	6.87E+00	9.78E-01	2.70E+00	6.05E-01	1.61E+00	2.84E-01	1.00E+00	1.67E-01	1.39E-01	1.93E-02	8.64E-10	1.20E-10
1.23E+00	1.41E-01	1.51E+01	2.12E+00	9.45E+00	1.34E+00	7.47E+00	9.88E-01	2.38E+00	6.01E-01	1.54E+00	2.97E-01	1.09E+00	1.74E-01	1.51E-01	1.94E-02	9.40E-10	1.21E-10
1.09E+00	1.77E-01	9.89E+00	1.92E+00	6.26E+00	1.18E+00	4.87E+00	8.85E-01	2.20E+00	5.22E-01	1.04E+00	2.92E-01	7.14E-01	1.69E-01	9.83E-02	1.73E-02	6.12E-10	1.08E-10
1.32E+00	2.20E-01	9.69E+00	1.63E+00	5.92E+00	1.02E+00	4.22E+00	7.73E-01	3.48E+00	4.05E-01	1.74E+00	2.84E-01	9.20E-01	1.62E-01	8.02E-02	1.53E-02	5.02E-10	9.53E-11
1.20E+00	2.76E-01	1.25E+01	2.06E+00	7.54E+00	1.30E+00	5.82E+00	9.70E-01	2.93E+00	5.60E-01	1.98E+00	2.83E-01	1.18E+00	1.62E-01	1.13E-01	1.91E-02	7.06E-10	1.20E-10
1.24E+00	2.75E-01	7.83E+00	1.55E+00	4.63E+00	9.84E-01	3.78E+00	7.16E-01	1.92E+00	5.02E-01	1.41E+00	2.47E-01	8.86E-01	1.41E-01	7.25E-02	1.39E-02	4.54E-10	8.68E-11
1.17E+00	2.11E-01	5.91E+00	1.57E+00	3.80E+00	9.63E-01	2.83E+00	7.26E-01	1.67E+00	4.28E-01	9.33E-01	2.56E-01	5.73E-01	1.49E-01	5.62E-02	1.40E-02	3.53E-10	8.78E-11
1.57E+00	1.68E-01	7.86E+00	1.34E+00	5.08E+00	8.07E-01	3.73E+00	6.16E-01	2.29E+00	3.54E-01	9.48E-01	2.37E-01	5.86E-01	1.37E-01	7.37E-02	1.18E-02	4.63E-10	7.37E-11
1.11E+00	1.68E-01	8.61E+00	1.24E+00	5.50E+00	7.58E-01	4.17E+00	5.82E-01	2.01E+00	3.09E-01	9.54E-01	1.94E-01	6.14E-01	1.16E-01	8.32E-02	1.13E-02	5.21E-10	7.06E-11
1.12E+00	1.99E-01	7.72E+00	1.29E+00	5.04E+00	7.93E-01	3.60E+00	5.92E-01	2.58E+00	3.75E-01	9.52E-01	2.17E-01	5.42E-01	1.25E-01	7.10E-02	1.14E-02	4.45E-10	7.11E-11
1.52E+00	2.79E-01	9.69E+00	1.32E+00	6.04E+00	8.00E-01	4.65E+00	6.00E-01	2.29E+00	3.82E-01	1.35E+00	2.38E-01	8.37E-01	1.35E-01	9.11E-02	1.15E-02	5.71E-10	7.16E-11
1.67E+00	2.22E-01	1.06E+01	1.41E+00	6.88E+00	9.02E-01	5.02E+00	6.66E-01	3.17E+00	3.99E-01	1.26E+00	2.10E-01	7.50E-01	1.22E-01	9.94E-02	1.31E-02	6.23E-10	8.23E-11
1.47E+00	1.86E-01	1.83E+01	1.81E+00	1.16E+01	1.15E+00	8.98E+00	8.52E-01	3.83E+00	5.21E-01	1.98E+00	2.42E-01	1.31E+00	1.41E-01	1.79E-01	1.67E-02	1.12E-09	1.05E-10
1.64E+00	1.79E-01	1.46E+01	1.60E+00	9.19E+00	1.00E+00	7.21E+00	7.40E-01	4.69E+00	4.67E-01	1.64E+00	2.55E-01	1.05E+00	1.47E-01	1.44E-01	1.44E-02	9.06E-10	8.99E-11
1.81E+00	1.85E-01	1.39E+01	1.27E+00	8.95E+00	7.69E-01	6.64E+00	5.85E-01	3.81E+00	3.34E-01	1.61E+00	2.30E-01	9.85E-01	1.32E-01	1.32E-01	1.12E-02	8.26E-10	7.03E-11
1.75E+00	1.79E-01	5.81E+00	1.01E+00	3.62E+00	6.14E-01	2.65E+00	4.67E-01	2.66E+00	2.65E-01	1.27E+00	1.84E-01	7.29E-01	1.05E-01	5.21E-02	9.04E-03	3.23E-10	5.65E-11
9.08E-01	1.26E-01	5.96E+00	1.00E+00	3.79E+00	6.33E-01	2.84E+00	4.69E-01	1.89E+00	2.85E-01	8.74E-01	1.55E-01	5.23E-01	9.10E-02	5.53E-02	9.20E-03	3.46E-10	5.76E-11
7.65E-01	1.02E-01	6.16E+00	1.03E+00	4.21E+00	6.41E-01	2.92E+00	4.73E-01	1.59E+00	3.06E-01	8.78E-01	1.65E-01	5.15E-01	9.41E-02	6.42E-02	9.18E-03	3.64E-10	5.71E-11
1.22E+00	1.47E-01	8.17E+00	1.37E+00	5.54E+00	8.45E-01	3.87E+00	6.29E-01	2.15E+00	3.91E-01	1.03E+00	2.27E-01	6.35E-01	1.30E-01	8.36E-02	1.22E-02	4.81E-10	7.57E-11
1.22E+00	1.61E-01	8.26E+00	1.29E+00	5.60E+00	7.80E-01	3.86E+00	5.89E-01	2.46E+00	3.47E-01	1.08E+00	2.28E-01	6.35E-01	1.32E-01	8.23E-02	1.14E-02	4.78E-10	7.05E-11
1.21E+00	1.65E-01	5.85E+00	1.15E+00	4.03E+00	7.19E-01	2.64E+00	5.29E-01	2.19E+00	3.41E-01	1.03E+00	1.89E-01	6.01E-01	1.09E-01	5.61E-02	1.03E-02	3.24E-10	6.42E-11
1.15E+00	1.71E-01	5.38E+00	1.61E+00	3.34E+00	9.88E-01	2.49E+00	7.39E-01	1.49E+00	4.48E-01	8.37E-01	2.65E-01	4.87E-01	1.53E-01	4.86E-02	1.43E-02	3.02E-10	8.91E-11
6.92E-01	1.79E-01	5.40E+00	1.51E+00	3.49E+00	9.38E-01	2.54E+00	6.99E-01	1.64E+00	4.17E-01	8.48E-01	2.45E-01	4.97E-01	1.43E-01	5.02E-02	1.37E-02	3.14E-10	8.48E-11
1.00E+00	1.44E-01	5.60E+00	1.57E+00	3.60E+00	9.84E-01	2.62E+00	7.26E-01	1.68E+00	4.54E-01	9.05E-01	2.38E-01	5.24E-01	1.39E-01	5.19E-02	1.42E-02	3.24E-10	8.84E-11
6.28E-01	1.46E-01	5.93E+00	1.69E+00	3.90E+00	1.06E+00	2.77E+00	7.83E-01	1.95E+00	4.76E-01	8.97E-01	2.53E-01	5.11E-01	1.47E-01	5.69E-02	1.53E-02	3.43E-10	9.54E-11
7.41E-01	1.73E-01	8.98E+00	1.50E+00	5.82E+00	9.24E-01	4.32E+00	6.96E-01	2.29E+00	4.00E-01	1.03E+00	2.39E-01	6.48E-01	1.40E-01	8.72E-02	1.35E-02	5.38E-10	8.42E-11
8.13E-01	1.56E-01	9.29E+00	1.19E+00	6.05E+00	7.10E-01	4.31E+00	5.47E-01	3.10E+00	3.34E-01	1.26E+00	2.13E-01	7.23E-01	1.25E-01	8.64E-02	1.05E-02	5.30E-10	6.53E-11
8.09E-01	2.01E-01	1.10E+01	1.54E+00	7.19E+00	9.85E-01	5.15E+00	7.16E-01	3.33E+00	4.68E-01	1.45E+00	2.08E-01	8.53E-01	1.20E-01	1.04E-01	1.41E-02	6.36E-10	8.80E-11
1.28E+00	1.82E-01	1.24E+01	1.23E+00	8.11E+00	7.72E-01	5.87E+00	5.74E-01	3.72E+00	3.36E-01	1.55E+00	1.94E-01	8.91E-01	1.11E-01	1.18E-01	1.13E-02	7.29E-10	7.04E-11
2.75E+00	2.06E-01	1.05E+01	1.38E+00	6.85E+00	8.60E-01	4.91E+00	6.41E-01	3.30E+00	3.78E-01	2.23E+00	2.24E-01	1.29E+00	1.30E-01	9.81E-02	1.25E-02	6.07E-10	7.84E-11
3.54E+00	1.94E-01	1.07E+01	1.40E+00	6.87E+00	8.49E-01	5.17E+00	6.36E-01	3.01E+00	3.83E-01	2.50E+00	2.44E-01	1.52E+00	1.40E-01	1.03E-01	1.24E-02	6.44E-10	7.76E-11
2.19E+00	2.31E-01	1.09E+01	1.32E+00	7.01E+00	8.07E-01	5.06E+00	6.03E-01	3.45E+00	3.74E-01	1.62E+00	2.12E-01	1.01E+00	1.22E-01	9.97E-02	1.16E-02	6.25E-10	7.29E-11
1.06E+00	1.51E-01	1.11E+01	1.29E+00	6.84E+00	8.29E-01	5.52E+00	6.10E-01	2.33E+00	3.69E-01	1.40E+00	2.00E-01	9.56E-01	1.14E-01	1.09E-01	1.21E-02	6.84E-10	7.58E-11
1.19E+00	1.69E-01	1.19E+01	1.52E+00	7.31E+00	9.73E-01	5.92E+00	7.19E-01	2.76E+00	4.27E-01	1.58E+00	2.22E-01	1.08E+00	1.27E-01	1.16E-01	1.42E-02	7.29E-10	8.91E-11
1.28E+00	1.95E-01	1.06E+01	1.62E+00	6.72E+00	1.02E+00	4.95E+00	7.50E-01	3.26E+00	4.54E-01	1.39E+00	2.27E-01	8.36E-01	1.31E-01	9.74E-02	1.47E-02	6.11E-10	9.24E-11
1.30E+00	1.59E-01	9.33E+00	1.92E+00	5.88E+00	1.20E+00	4.39E+00	8.93E-01	3.06E+00	5.34E-01	1.30E+00	2.79E-01	7.81E-01	1.62E-01	8.72E-02	1.75E-02	5.44E-10	1.10E-10
1.25E+00	1.74E-01	1.36E+01	1.82E+00	8.70E+00	1.12E+00	6.45E+00	8.41E-01	3.73E+00	4.92E-01	1.63E+00	2.71E-01	9.86E-01	1.59E-01	1.28E-01	1.64E-02	8.02E-10	1.03E-10
1.25E+00	1.55E-01	1.32E+01	1.67E+00	8.41E+00	1.05E+00	6.31E+00	7.80E-01	3.33E+00	4.44E-01	1.61E+00	2.19E-01	9.99E-01	1.30E-01	1.25E-01	1.54E-02	7.86E-10	9.67E-11
9.78E-01	1.35E-01	9.76E+00	2.05E+00	6.10E+00	1.28E+00	4.70E+00	9.54E-01	2.72E+00	5.55E-01	1.47E+00	2.84E-01	8.52E-01	1.68E-01	9.31E-02	1.87E-02	5.84E-10	1.18E-10
1.21E+00	1.59E-01	1.09E+01	1.83E+00	6.90E+00	1.13E+00	5.21E+00	8.44E-01	2.53E+00	5.03E-01	1.28E+00	2.77E-01	7.82E-01	1.62E-01	1.04E-01	1.64E-02	6.53E-10	1.03E-10
1.04E+00	1.50E-01	1.26E+01	1.46E+00	8.07E+00	9.01E-01	5.93E+00	6.67E-01	3.55E+00	4.25E-01	1.56E+00	2.32E-01	9.29E-01	1.32E-01	1.18E-01	1.30E-02	7.37E-10	8.14E-11
9.47E-01	1.66E-01	1.20E+01	1.46E+00	7.35E+00	9.08E-01	5.62E+00	6.95E-01	3.69E+00	4.11E-01	1.62E+00	2.27E-01	9.84E-01	1.29E-01	1.10E-01	1.36E-02	6.93E-10	8.53E-11
1.15E+00	1.69E-01	1.12E+01	1.40E+00	6.74E+00	8.90E-01	5.26E+00	6.60E-01	2.83E+00	4.00E-01	1.68E+00	2.00E-01	1.03E+00	1.20E-01	1.02E-01	1.31E-02	6.42E-10	8.19E-11
1.13E+00	1.60E-01	9.65E+00	1.72E+00	6.20E+00	1.09E+00	4.58E+00	8.05E-01	2.64E+00	4.82E-01	1.49E+00	2.22E-01	9.04E-01	1.32E-01	9.10E-02	1.59E-02	5.71E-10	9.96E-11
9.81E-01	1.37E-01	9.75E+00	1.69E+00	6.28E+00	1.07E+00	4.59E+00	7.86E-01	2.84E+00	5.02E-01	1.39E+00	2.34E-01	7.82E-01	1.36E-01	9.10E-02	1.54E-02	5.70E-10	9.65E-11

Scenario 2 Results

1.05E+00	1.55E-01	1.02E+01	1.40E+00	6.47E+00	8.79E-01	4.74E+00	6.41E-01	3.02E+00	4.40E-01	1.42E+00	2.12E-01	8.01E-01	1.20E-01	9.32E-02	1.24E-02	5.84E-10	7.80E-11
1.19E+00	1.36E-01	9.84E+00	1.09E+00	6.16E+00	6.96E-01	4.52E+00	5.14E-01	2.96E+00	3.08E-01	1.43E+00	1.57E-01	8.14E-01	8.67E-02	8.81E-02	1.01E-02	5.52E-10	6.36E-11
1.20E+00	3.63E-01	1.69E+01	3.08E+00	1.08E+01	1.97E+00	8.16E+00	1.48E+00	4.00E+00	7.48E-01	1.89E+00	3.57E-01	1.21E+00	2.25E-01	1.64E-01	2.96E-02	1.02E-09	1.85E-10
1.41E+00	3.32E-01	1.44E+01	3.06E+00	9.34E+00	1.97E+00	6.81E+00	1.45E+00	4.25E+00	8.59E-01	1.72E+00	3.68E-01	1.02E+00	2.22E-01	1.36E-01	2.89E-02	8.46E-10	1.80E-10
1.34E+00	2.83E-01	1.16E+01	2.34E+00	7.45E+00	1.52E+00	5.68E+00	1.09E+00	3.65E+00	7.47E-01	1.50E+00	2.95E-01	9.92E-01	1.70E-01	1.13E-01	2.17E-02	7.02E-10	1.35E-10
1.64E+00	2.56E-01	1.95E+01	2.48E+00	1.20E+01	1.59E+00	9.53E+00	1.17E+00	3.77E+00	7.15E-01	2.11E+00	3.28E-01	1.39E+00	1.94E-01	1.93E-01	2.30E-02	1.20E-09	1.44E-10
1.65E+00	1.55E-01	2.29E+01	2.65E+00	1.43E+01	1.68E+00	1.13E+01	1.24E+00	3.54E+00	7.55E-01	2.34E+00	3.57E-01	1.65E+00	2.10E-01	2.29E-01	2.45E-02	1.43E-09	1.53E-10
1.27E+00	1.92E-01	1.37E+01	2.19E+00	8.65E+00	1.37E+00	6.79E+00	1.02E+00	2.65E+00	6.07E-01	1.43E+00	3.20E-01	9.93E-01	1.86E-01	1.37E-01	1.99E-02	8.53E-10	1.24E-10
1.34E+00	2.06E-01	9.96E+00	1.60E+00	6.23E+00	1.00E+00	4.65E+00	7.60E-01	3.84E+00	4.10E-01	1.77E+00	2.84E-01	9.13E-01	1.62E-01	9.30E-02	1.50E-02	5.80E-10	9.37E-11
1.28E+00	2.59E-01	1.28E+01	2.05E+00	7.77E+00	1.30E+00	5.91E+00	9.73E-01	3.29E+00	5.38E-01	2.05E+00	2.74E-01	1.20E+00	1.61E-01	1.14E-01	1.92E-02	7.15E-10	1.20E-10
1.20E+00	2.96E-01	1.01E+01	1.86E+00	6.03E+00	1.19E+00	4.85E+00	8.65E-01	2.26E+00	5.77E-01	1.69E+00	2.64E-01	1.06E+00	1.48E-01	9.37E-02	1.70E-02	5.86E-10	1.06E-10
1.25E+00	2.20E-01	5.43E+00	1.51E+00	3.48E+00	9.31E-01	2.64E+00	6.98E-01	1.68E+00	4.17E-01	9.95E-01	2.42E-01	6.15E-01	1.40E-01	5.23E-02	1.35E-02	3.27E-10	8.45E-11
1.18E+00	1.51E-01	6.69E+00	1.33E+00	4.32E+00	8.12E-01	3.18E+00	6.16E-01	1.92E+00	3.55E-01	8.72E-01	2.25E-01	5.38E-01	1.31E-01	6.28E-02	1.19E-02	3.94E-10	7.42E-11
1.33E+00	1.53E-01	7.04E+00	1.20E+00	4.48E+00	7.39E-01	3.43E+00	5.65E-01	2.03E+00	2.98E-01	8.57E-01	1.80E-01	5.30E-01	1.08E-01	6.85E-02	1.10E-02	4.29E-10	6.88E-11
9.31E-01	1.43E-01	7.68E+00	1.12E+00	4.96E+00	6.92E-01	3.64E+00	5.16E-01	2.22E+00	3.25E-01	9.05E-01	1.87E-01	5.43E-01	1.07E-01	7.22E-02	9.94E-03	4.53E-10	6.21E-11
1.20E+00	2.31E-01	7.01E+00	1.25E+00	4.42E+00	7.63E-01	3.34E+00	5.70E-01	2.08E+00	3.63E-01	1.03E+00	2.15E-01	6.24E-01	1.23E-01	6.52E-02	1.09E-02	4.08E-10	6.82E-11
1.13E+00	1.79E-01	6.90E+00	1.04E+00	4.48E+00	6.23E-01	3.27E+00	4.71E-01	2.01E+00	2.96E-01	9.66E-01	2.00E-01	6.03E-01	1.14E-01	6.59E-02	8.91E-03	4.06E-10	5.57E-11
1.52E+00	1.61E-01	9.65E+00	1.47E+00	6.09E+00	9.39E-01	4.77E+00	6.93E-01	2.53E+00	4.19E-01	1.21E+00	1.87E-01	6.94E-01	1.11E-01	9.56E-02	1.37E-02	5.99E-10	8.56E-11
1.37E+00	1.60E-01	1.26E+01	1.38E+00	8.08E+00	8.66E-01	6.01E+00	6.42E-01	3.34E+00	3.95E-01	1.44E+00	2.12E-01	8.91E-01	1.22E-01	1.19E-01	1.25E-02	7.49E-10	7.86E-11
1.23E+00	1.55E-01	1.13E+01	1.36E+00	7.21E+00	8.40E-01	5.51E+00	6.25E-01	3.40E+00	3.90E-01	1.44E+00	2.22E-01	8.49E-01	1.28E-01	1.10E-01	1.21E-02	6.89E-10	7.53E-11
1.65E+00	1.85E-01	1.19E+01	1.13E+00	7.72E+00	6.85E-01	5.53E+00	5.22E-01	3.89E+00	2.94E-01	1.45E+00	2.10E-01	8.33E-01	1.20E-01	1.09E-01	1.01E-02	6.85E-10	6.28E-11
1.53E+00	1.65E-01	6.68E+00	9.30E-01	4.25E+00	5.80E-01	3.09E+00	4.31E-01	2.07E+00	2.57E-01	1.28E+00	1.64E-01	7.19E-01	9.41E-02	6.05E-02	8.45E-03	3.79E-10	5.23E-11
8.79E-01	1.07E-01	6.20E+00	1.01E+00	3.92E+00	6.39E-01	2.96E+00	4.72E-01	1.82E+00	2.87E-01	9.26E-01	1.43E-01	5.58E-01	8.40E-02	5.76E-02	9.29E-03	3.61E-10	5.82E-11
8.53E-01	1.13E-01	6.44E+00	1.10E+00	4.39E+00	6.85E-01	3.06E+00	5.06E-01	1.71E+00	3.24E-01	8.37E-01	1.75E-01	5.04E-01	1.00E-01	6.69E-02	9.84E-03	3.81E-10	6.12E-11
1.26E+00	1.47E-01	8.22E+00	1.35E+00	5.56E+00	8.30E-01	3.89E+00	6.18E-01	2.17E+00	3.81E-01	1.03E+00	2.25E-01	6.35E-01	1.29E-01	8.38E-02	1.20E-02	4.84E-10	7.45E-11
1.25E+00	1.52E-01	7.98E+00	1.19E+00	5.42E+00	7.19E-01	3.73E+00	5.43E-01	2.41E+00	3.18E-01	1.04E+00	2.12E-01	6.13E-01	1.23E-01	7.93E-02	1.05E-02	4.61E-10	6.50E-11
1.22E+00	1.70E-01	5.52E+00	1.16E+00	3.80E+00	7.30E-01	2.49E+00	5.37E-01	2.09E+00	3.44E-01	1.03E+00	1.78E-01	5.98E-01	1.02E-01	5.28E-02	1.05E-02	3.05E-10	6.52E-11
1.07E+00	1.64E-01	5.13E+00	1.54E+00	3.18E+00	9.46E-01	2.37E+00	7.08E-01	1.41E+00	4.28E-01	8.02E-01	2.54E-01	4.66E-01	1.47E-01	4.63E-02	1.37E-02	2.88E-10	8.53E-11
6.46E-01	1.72E-01	5.21E+00	1.42E+00	3.37E+00	8.83E-01	2.45E+00	6.58E-01	1.58E+00	3.93E-01	8.16E-01	2.36E-01	4.78E-01	1.37E-01	4.86E-02	1.29E-02	3.04E-10	7.99E-11
9.97E-01	1.48E-01	5.53E+00	1.51E+00	3.58E+00	9.49E-01	2.61E+00	7.00E-01	1.66E+00	4.37E-01	8.69E-01	2.27E-01	5.03E-01	1.33E-01	5.17E-02	1.37E-02	3.23E-10	8.53E-11
6.23E-01	1.31E-01	5.70E+00	1.61E+00	3.74E+00	1.01E+00	2.69E+00	7.47E-01	1.72E+00	4.56E-01	8.37E-01	2.40E-01	5.10E-01	1.40E-01	5.55E-02	1.46E-02	3.33E-10	9.11E-11
7.24E-01	1.66E-01	8.15E+00	1.47E+00	5.30E+00	9.08E-01	3.90E+00	6.82E-01	2.19E+00	3.97E-01	1.02E+00	2.31E-01	5.94E-01	1.35E-01	7.86E-02	1.33E-02	4.85E-10	8.27E-11
7.77E-01	1.48E-01	8.69E+00	1.21E+00	5.62E+00	7.25E-01	4.21E+00	5.56E-01	2.75E+00	3.05E-01	1.18E+00	2.11E-01	6.71E-01	1.23E-01	8.54E-02	1.07E-02	5.26E-10	6.66E-11
7.29E-01	1.82E-01	1.08E+01	1.59E+00	7.03E+00	1.02E+00	5.04E+00	7.43E-01	3.64E+00	4.77E-01	1.48E+00	2.09E-01	8.54E-01	1.22E-01	1.01E-01	1.47E-02	6.19E-10	9.15E-11
1.05E+00	2.03E-01	1.21E+01	1.25E+00	7.89E+00	7.72E-01	5.75E+00	5.71E-01	3.52E+00	3.62E-01	1.48E+00	1.98E-01	8.68E-01	1.13E-01	1.15E-01	1.11E-02	7.14E-10	6.91E-11
2.20E+00	1.89E-01	1.19E+01	1.33E+00	7.71E+00	8.30E-01	5.56E+00	6.18E-01	3.59E+00	3.62E-01	2.01E+00	2.04E-01	1.13E+00	1.19E-01	1.11E-01	1.21E-02	6.90E-10	7.57E-11
3.51E+00	2.12E-01	1.02E+01	1.41E+00	6.59E+00	8.53E-01	4.84E+00	6.42E-01	2.94E+00	3.82E-01	2.54E+00	2.39E-01	1.53E+00	1.38E-01	9.59E-02	1.24E-02	6.02E-10	7.73E-11
2.84E+00	2.29E-01	1.23E+01	1.29E+00	7.91E+00	8.02E-01	5.80E+00	5.96E-01	3.55E+00	3.73E-01	2.02E+00	2.21E-01	1.25E+00	1.26E-01	1.15E-01	1.16E-02	7.21E-10	7.26E-11
1.32E+00	1.85E-01	1.03E+01	1.20E+00	6.33E+00	7.52E-01	5.06E+00	5.58E-01	2.95E+00	3.35E-01	1.27E+00	1.96E-01	8.55E-01	1.11E-01	1.00E-01	1.09E-02	6.28E-10	6.87E-11
1.25E+00	1.53E-01	1.25E+01	1.53E+00	7.69E+00	9.82E-01	6.14E+00	7.23E-01	2.46E+00	4.30E-01	1.58E+00	2.07E-01	1.07E+00	1.18E-01	1.21E-01	1.43E-02	7.58E-10	8.99E-11
1.31E+00	1.77E-01	1.12E+01	1.61E+00	7.27E+00	1.02E+00	5.30E+00	7.56E-01	3.36E+00	4.54E-01	1.49E+00	2.19E-01	9.85E-01	1.26E-01	1.05E-01	1.49E-02	6.59E-10	9.34E-11
1.26E+00	1.73E-01	9.58E+00	1.77E+00	6.00E+00	1.11E+00	4.43E+00	8.19E-01	2.91E+00	5.01E-01	1.37E+00	2.52E-01	7.99E-01	1.47E-01	8.66E-02	1.60E-02	5.43E-10	1.01E-10
1.13E+00	1.62E-01	1.04E+01	1.89E+00	6.75E+00	1.18E+00	4.86E+00	8.80E-01	3.31E+00	5.14E-01	1.27E+00	2.70E-01	7.35E-01	1.60E-01	9.60E-02	1.72E-02	6.03E-10	1.08E-10
1.31E+00	1.63E-01	1.40E+01	1.59E+00	8.92E+00	9.75E-01	6.65E+00	7.32E-01	3.69E+00	4.26E-01	1.68E+00	2.45E-01	1.03E+00	1.43E-01	1.32E-01	1.42E-02	8.27E-10	8.92E-11
1.17E+00	1.33E-01	1.26E+01	1.84E+00	8.05E+00	1.16E+00	6.06E+00	8.58E-01	3.11E+00	4.91E-01	1.54E+00	2.43E-01	9.55E-01	1.45E-01	1.20E-01	1.69E-02	7.55E-10	1.06E-10
9.79E-01	1.40E-01	8.97E+00	1.98E+00	5.55E+00	1.23E+00	4.19E+00	9.16E-01	2.47E+00	5.35E-01	1.38E+00	2.80E-01	8.03E-01	1.65E-01	8.31E-02	1.80E-02	5.21E-10	1.13E-10
1.23E+00	1.54E-01	1.13E+01	1.65E+00	7.19E+00	1.02E+00	5.42E+00	7.59E-01	2.70E+00	4.51E-01	1.30E+00	2.56E-01	8.22E-01	1.49E-01	1.08E-01	1.48E-02	6.78E-10	9.25E-11
1.01E+00	1.43E-01	1.23E+01	1.38E+00	7.86E+00	8.57E-01	5.76E+00	6.35E-01	3.52E+00	3.96E-01	1.55E+00	2.23E-01	9.19E-01	1.28E-01	1.14E-01	1.24E-02	7.15E-10	7.78E-11
9.74E-01	1.59E-01	1.15E+01	1.38E+00	7.08E+00	8.61E-01	5.44E+00	6.58E-01	3.56E+00	3.86E-01	1.53E+00	2.14E-01	9.44E-01	1.21E-01	1.07E-01	1.29E-02	6.71E-10	8.08E-11
1.14E+00	1.58E-01	1.16E+01	1.36E+00	7.05E+00	8.69E-01	5.50E+00	6.43E-01	2.86E+00	3.92E-01	1.70E+00	1.95E-01	1.05E+00	1.19E-01	1.07E-01	1.27E-02	6.74E-10	7.98E-11
1.08E+00	1.43E-01	8.48E+00	1.54E+00	5.35E+00	9.78E-01	4.00E+00	7.22E-01	2.29E+00	4.32E-01	1.43E+00	1.99E-01	8.76E-01	1.18E-01	7.87E-02	1.42E-02	4.93E-10	8.94E-11
9.31E-01	1.23E-01	8.56E+00	1.52E+00	5.51E+00	9.58E-01	4.03E+00	7.03E-01	2.45E+00	4.48E-01	1.33E+00	2.09E-01	7.50E-01	1.21E-01	8.01E-02	1.38E-02	5.02E-10	8.64E-11
9.91E-01	1.46E-01	9.41E+00	1.40E+00	6.01E+00	8.82E-01	4.41E+00	6.43E-01	2.74E+00	4.38E-01	1.43E+00	2.09E-01	8.10E-01	1.18E-01	8.70E-02	1.25E-02	5.45E-10	7.84E-11
1.09E+01	7.84E-01	3.80E+01	4.40E+00	2.19E+01	2.63E+00	1.55E+01	1.99E+00	1.64E+01	1.31E+00	9.81E+00	8.55E-01	5.02E+00	4.85E-01	2.70E-01	3.72E-02	1.70E-09	2.34E-10
1.02E+01	7.84E-01	5.11E+01	4.91E+00	3.06E+01	2.94E+00	2.22E+01	2.24E+00	1.90E+01	1.41E+00	1.07E+01	9.32E-01	5.73E+00	5.36E-01	4.06E-01	4.21E-02	2.55E-09	2.65E-10
8.30E+00	7.96E-01	6.10E+01	5.25E+00	3.72E+01	3.16E+00	2.80E+01	2.43E+00	1.82E+01	1.44E+00	1.07E+01	9.63E-01	6.13E+00	5.62E-01	5.29E-01	4.57E-02	3.33E-09	2.87E-10
5.55E+00	9.04E-01	6.08E+01	5.33E+00	3.73E+01	3.22E+00	2.91E+01	2.48E+00	1.41E+01	1.40E+00	9.14E+00	9.39E-01	5.66E+00	5.56E-01	5.61E-01	4.70E-02	3.53E-09	2.96E-10
4.62E+00	1.01E+00	4.71E+01	5.13E+00	2.90E+01	3.11E+00	2.31E+01	2.41E+00	1.10E+01	1.31E+00	6.44E+00	9.23E-01	4.23E+00	5.26E-01	4.50E-01	4.58E-02	2.83E-09	2.88E-10
5.80E+00	1.11E+00	3.92E+01	4.71E+00	2.44E+01	2.87E+00	1.83E+01	2.22E+00	1.08E+01	1.18E+00	5.73E+00	9.81E-01	3.36E+00	5.39E-01	3.55E-01	4.24E-02	2.23E-09	2.67E-10
5.61E+00	1.09E+00	3.68E+01	4.15E+00	2.28E+01	2.53E+00	1.73E+01	1.96E+00	9.70E+00	1.15E+00	5.52E+00	9.67E-01	3.28E+00	5.29E-01	3.35E-01	3.76E-02	2.10E-09	2.37E-10
6.14E+00	9.71E-01	3.23E+01	3.53E+00	1.98E+01	2.16E+00	1.50E+01	1.67E+00	1.03E+01	1.14E+00	6.59E+00	9.00E-01	3.62E+00	4.90E-01	2.90E-01	3.21E-02	1.81E-09	2.02E-10
6.55E+00	8.28E-01	3.60E+01	3.43E+00	2.15E+01	2.08E+00	1.61E+01	1.57E+00	1.08E+01	1.08E+00	7.34E+00	8.34E-01	4.11E+00	4.58E-01	3.04E-01	2.94E-02	1.88E-09	1.85E-10
7.78E+00	7.23E-01	3.62E+01	3.42E+00	2.15E+01	2.08E+00	1.64E+01	1.58E+00	1.02E+01	1.03E+00	7.44E+00	8.09E-01	4.23E+00	4.55E-01	3.08E-01	3.02E-02	1.91E-09	1.90E-10
6.80E+00	6.26E-01	3.23E+01	3.72E+00	1.96E+01	2.19E+00	1.47E+01	1.70E+00	9.88E+00	1.16E+00	7.24E+00	7.85E-01	4.02E+00	4.54E-01	2.79E-01	3.16E-02	1.74E-09	1.99E-10
7.39E+00	7.15E-01	4.06E+01	4.27E+00	2.53E+01	2.56E+00	1.83E+01	1.92E+00	1.37E+01	1.35E+00	7.73E+00	8.60E-01	4.60E+00	4.80E-01	3.51E-01	3.57E-02	2.21E-09	2.25E-10
5.32E+00	7.30E-01	5.46E+01	4.92E+00	3.40E+01	2.97E+00	2.50E+01	2.24E+00	1.71E+01	1.49E+00	8.60E+00	9.31E-01	4.85E+00	5.28E-01	4.81E-01	4.21E-02	3.02E-09	2.65E-10
6.05E+00	7.27E-01	6.64E+01	5.30E+00	4.12E+01	3.21E+00	3.07E+01	2.43E+00	1.92E+01	1.55E+00	1.02E+01	9.64E-01	5.91E+00	5.52E-01	5.93E-01	4.59E-02	3.72E-09	2.88E-10
6.37E+00	7.06E-01	7.25E+01	5.45E+00	4.49E+01	3.31E+00	3.39E+01	2.51E+00	1.93E+01	1.53E+00	1.09E+01	9.65E-01	6.45E+00	5.60E-01	6.57E-01	4.77E-02	4.13E-09	3.00E-10
7.68E+00	6.53E-01	7.03E+01	5.38E+00	4.34E+01	3.27E+00	3.32E+01	2.50E+00	1.73E+01	1.45E+00	1.03E+01	9.25E-01	6.22E+00	5.43E-01	6.46E-01	4.76E-02	4.06E-09	2.99E-10
8.45E+00	6.92E-01	6.03E+01	5.07E+00	3.72E+01	3.08E+00	2.88E+01	2.37E+00	1.37E+01	1.32E+00	8.49E+00	8.66E-01	5.26E+00	5.13E-01	5.62E-01	4.51E-02	3.53E-09	2.84E-10
8.39E+00	7.57E-01	4.56E+01	4.53E+00	2.81E+01	2.75E+00	2.19E+01	2.13E+00	1.23E+01	1.13E+00	6.53E+00	7.59E-01	3.89E+00	4.55E-01	4.29E-01	4.06E-02	2.70E-09	2.56E-10
7.51E+00	7.53E-01	4.53E+01	4.09E+00	2.79E+01	2.53E+00	2.10E+01	1.93E+00	1.28E+01	1.05E+00	7.15E+00	6.28E-01	4.15E+00	3.77E-01	4.03E-01	3.74E-02	2.54E-09	2.34E-10
6.11E+00	6.93E-01	4.72E+01	3.91E+00	2.91E+01	2.41E+00	2.22E+01	1.85E+00	1.18E+01	9.77E-01	6.88E+00	6.07E-01	4.14E+00	3.58E-01	4.31E-01	3.58E-02	2.71E-09	2.24E-10
4.58E+00	6.06E-01	4.27E+01	3.65E+00	2.64E+01	2.25E+00	2.04E+01	1.73E+00	1.12E+01	8.94E-01	6.23E+00	5.78E-01	3.64E+00	3.32E-01	3.99E-01	3.35E-02	2.51E-09	2.10E-10
4.62E+00	5.87E-01	4.62E+01	3.34E+00	2.87E+01	2.07E+00	2.15E+01	1.59E+00	1.27E+01	9.91E-01	7.25E+00	6.46E-01	4.26E+00	3.76E-01	4.18E-01	3.09E-02	2.61E-09	1.93E-10
4.80E+00	6.28E-01	5.14E+01	3.76E+00	3.19E+01	2.23E+00	2.40E+01	1.67E+00	1.38E+01	1.18E+00	7.98E+00	7.50E-01	4.72E+00	4.29E-01	4.67E-01	3.10E-02	2.91E-09	1.95E-10
4.89E+00	7.47E-01	5.44E+01	4.34E+00	3.37E+01	2.57E+00	2.54E+01	1.93E+00	1.43E+01	1.35E+00	8.35E+00	8.75E-01	4.96E+00	4.85E-01	4.96E-01	3.58E-02	3.09E-09	2.25E-10
4.74E+00	7.51E-01	5.52E+01	4.94E+00	3.43E+01	2.94E+00	2.59E+01	2.22E+00	1.44E+01	1.46E+00	8.36E+00	9.35E-01	4.98E+00	5.26E-01	5.05E-01	4.17E-02	3.15E-09	2.62E-10
5.10E+00	6.46E-01	5.40E+01	5.46E+00	3.36E+01	3.29E+00	2.53E+01	2.50E+00	1.42E+01	1.48E+00	8.06E+00	9.24E-01	4.80E+00	5.34E-01	4.95E-01	4.77E-02	3.08E-09	3.00E-10
4.99E+00	4.89E-01	5.09E+01	5.54E+00	3.18E+01	3.38E+00	2.38E+01	2.59E+00	1.35E+01	1.39E+00	7.52E+00	8.41E-01	4.46E+00	5.00E-01	4.68E-01	5.00E-02	2.91E-09	3.14E-10
4.29E+00	6.40E-01	4.68E+01	5.20E+00	2.94E+01	3.20E+00	2.19E+01	2.46E+00	1.27E+01	1.23E+00	6.84E+00	7.32E-01	4.04E+00	4.47E-01	4.30E-01	4.79E-02	2.69E-09	3.01E-10
4.52E+00	7.58E-01	4.20E+01	4.47E+00	2.65E+01	2.76E+00	1.97E+01	2.13E+00	1.17E+01	1.19E+00	6.09E+00	7.76E-01	3.58E+00	4.19E-01	3.87E-01	4.16E-02	2.43E-09	2.61E-10
3.86E+00	8.15E-01	3.70E+01	4.19E+00	2.34E+01	2.47E+00	1.72E+01	1.84E+00	1.05E+01	1.39E+00	5.32E+00	8.93E-01	3.11E+00	4.89E-01	3.40E-01	3.38E-02	2.11E-09	2.12E-10
4.36E+00	8.49E-01	3.22E+01	4.98E+00	2.04E+01	2.97E+00	1.50E+01	2.21E+00	9.10E+00	1.64E+00	4.58E+00	9.92E-01	2.68E+00	5.51E-01	2.96E-01	4.12E-02	1.84E-09	2.59E-10
1.00E+01	6.87E-01	2.29E+01	4.08E+00	1.39E+01	2.44E+00	1.02E+01	1.83E+00	1.11E+01	1.28E+00	8.02E+00	7.94E-01	4.00E+00	4.43E-01	1.98E-01	3.42E-02	1.25E-09	2.15E-10
1.12E+01	7.95E-01	3.53E+01	4.88E+00	1.99E+01	2.92E+00	1.43E+01	2.20E+00	1.52E+01	1.47E+00	9.75E+00	9.30E-01	5.00E+00	5.26E-01	2.45E-01	4.13E-02	1.54E-09	2.60E-10
1.08E+01	8.19E-01	4.85E+01	5.49E+00	2.85E+01	3.29E+00	2.13E+01	2.51E+00	1.68E+01	1.57E+00	1.08E+01	1.02E+00	5.92E+00	5.88E-01	3.85E-01	4.72E-02	2.42E-09	2.97E-10
8.78E+00	8.32E-01	5.68E+01	5.80E+00	3.40E+01	3.49E+00	2.64E+01	2.68E+00	1.52E+01	1.58E+00	1.05E+01	1.05E+00	6.18E+00	6.17E-01	4.94E-01	5.06E-02	3.11E-09	3.18E-10
5.77E+00	9.37E-01	5.27E+01	5.76E+00	3.19E+01	3.47E+00	2.55E+01	2.69E+00	1.19E+01	1.51E+00	8.45E+00	1.02E+00	5.34E+00	6.04E-01	4.87E-01	5.08E-02	3.07E-09	3.19E-10
4.67E+00	1.04E+00	4.37E+01	5.43E+00	2.73E+01	3.29E+00	2.03E+01	2.55E+00	1.22E+01	1.38E+00	6.22E+00	9.53E-01	3.62E+00	5.60E-01	3.96E-01	4.84E-02	2.49E-09	3.04E-10
5.66E+00	1.12E+00	4.28E+01	4.94E+00	2.66E+01	3.01E+00	2.00E+01	2.33E+00	1.15E+01	1.23E+00	6.23E+00	9.87E-01	3.68E+00	5.41E-01	3.90E-01	4.44E-02	2.45E-09	2.80E-10
5.80E+00	1.08E+00	3.80E+01	4.33E+00	2.35E+01	2.64E+00	1.79E+01	2.05E+00	1.05E+01	1.14E+00	6.40E+00	9.62E-01	3.47E+00	5.27E-01	3.47E-01	3.92E-02	2.18E-09	2.47E-10
6.31E+00	9.27E-01	3.75E+01	3.63E+00	2.24E+01	2.21E+00	1.67E+01	1.72E+00	1.16E+01	1.10E+00	7.57E+00	8.86E-01	4.19E+00	4.86E-01	3.21E-01	3.31E-02	2.00E-09	2.08E-10
7.18E+00	7.82E-01	3.96E+01	3.42E+00	2.35E+01	2.07E+00	1.78E+01	1.57E+00	1.15E+01	1.04E+00	8.07E+00	8.31E-01	4.56E+00	4.62E-01	3.34E-01	2.97E-02	2.08E-09	1.87E-10
6.98E+00	6.75E-01	3.66E+01	3.56E+00	2.15E+01	2.07E+00	1.66E+01	1.60E+00	9.94E+00	1.13E+00	7.63E+00	8.03E-01	4.38E+00	4.58E-01	3.10E-01	2.96E-02	1.94E-09	1.86E-10

Scenario 2 Results

7.41E+00	7.25E-01	3.58E+01	4.18E+00	2.24E+01	2.50E+00	1.60E+01	1.86E+00	1.27E+01	1.36E+00	7.52E+00	8.60E-01	4.40E+00	4.76E-01	3.06E-01	3.46E-02	1.92E-09	2.17E-10
5.42E+00	7.71E-01	5.13E+01	4.97E+00	3.20E+01	2.99E+00	2.33E+01	2.25E+00	1.67E+01	1.53E+00	8.18E+00	9.61E-01	4.56E+00	5.42E-01	4.48E-01	4.21E-02	2.81E-09	2.65E-10
6.09E+00	7.74E-01	6.56E+01	5.48E+00	4.07E+01	3.32E+00	3.02E+01	2.51E+00	1.95E+01	1.62E+00	1.02E+01	1.01E+00	5.82E+00	5.78E-01	5.83E-01	4.73E-02	3.66E-09	2.97E-10
6.81E+00	7.67E-01	7.43E+01	5.72E+00	4.60E+01	3.47E+00	3.47E+01	2.64E+00	2.01E+01	1.61E+00	1.12E+01	1.03E+00	6.58E+00	5.96E-01	6.71E-01	4.99E-02	4.22E-09	3.14E-10
8.53E+00	7.15E-01	7.38E+01	5.70E+00	4.56E+01	3.46E+00	3.48E+01	2.65E+00	1.82E+01	1.54E+00	1.07E+01	9.94E-01	6.48E+00	5.84E-01	6.78E-01	5.04E-02	4.26E-09	3.17E-10
9.64E+00	6.90E-01	6.38E+01	5.39E+00	3.93E+01	3.27E+00	3.04E+01	2.52E+00	1.44E+01	1.39E+00	8.88E+00	9.30E-01	5.51E+00	5.52E-01	5.94E-01	4.79E-02	3.73E-09	3.02E-10
9.60E+00	7.44E-01	4.76E+01	4.78E+00	2.93E+01	2.89E+00	2.29E+01	2.25E+00	1.22E+01	1.17E+00	6.54E+00	8.06E-01	4.02E+00	4.85E-01	4.49E-01	4.29E-02	2.82E-09	2.70E-10
8.42E+00	7.34E-01	4.48E+01	4.18E+00	2.75E+01	2.58E+00	2.07E+01	1.97E+00	1.27E+01	1.06E+00	7.16E+00	6.51E-01	4.15E+00	3.92E-01	3.97E-01	3.81E-02	2.50E-09	2.39E-10
6.64E+00	6.75E-01	4.67E+01	3.97E+00	2.88E+01	2.45E+00	2.20E+01	1.88E+00	1.16E+01	9.85E-01	6.83E+00	6.11E-01	4.12E+00	3.68E-01	4.27E-01	3.63E-02	2.69E-09	2.28E-10
4.82E+00	5.96E-01	4.26E+01	3.70E+00	2.65E+01	2.28E+00	1.99E+01	1.75E+00	1.21E+01	8.98E-01	6.73E+00	5.88E-01	3.92E+00	3.39E-01	3.89E-01	3.40E-02	2.44E-09	2.13E-10
4.88E+00	5.93E-01	4.99E+01	3.37E+00	3.09E+01	2.08E+00	2.32E+01	1.60E+00	1.37E+01	1.04E+00	7.80E+00	7.26E-01	4.58E+00	4.22E-01	4.51E-01	3.11E-02	2.81E-09	1.95E-10
5.28E+00	7.09E-01	5.51E+01	3.93E+00	3.41E+01	2.32E+00	2.57E+01	1.73E+00	1.47E+01	1.26E+00	8.51E+00	8.21E-01	5.04E+00	4.80E-01	5.00E-01	3.21E-02	3.12E-09	2.02E-10
5.04E+00	7.93E-01	5.76E+01	4.70E+00	3.57E+01	2.77E+00	2.70E+01	2.09E+00	1.51E+01	1.44E+00	8.77E+00	9.36E-01	5.22E+00	5.21E-01	5.26E-01	3.89E-02	3.28E-09	2.44E-10
4.76E+00	7.23E-01	5.74E+01	5.34E+00	3.57E+01	3.19E+00	2.69E+01	2.42E+00	1.49E+01	1.50E+00	8.60E+00	9.58E-01	5.13E+00	5.45E-01	5.26E-01	4.58E-02	3.28E-09	2.88E-10
5.05E+00	5.70E-01	5.49E+01	5.67E+00	3.42E+01	3.43E+00	2.57E+01	2.62E+00	1.44E+01	1.46E+00	8.11E+00	9.01E-01	4.83E+00	5.29E-01	5.04E-01	5.04E-02	3.14E-09	3.17E-10
4.09E+00	6.13E-01	5.08E+01	5.47E+00	3.17E+01	3.35E+00	2.38E+01	2.57E+00	1.36E+01	1.31E+00	7.40E+00	7.93E-01	4.39E+00	4.79E-01	4.66E-01	5.00E-02	2.90E-09	3.15E-10
4.57E+00	7.70E-01	4.57E+01	4.87E+00	2.86E+01	3.00E+00	2.18E+01	2.32E+00	1.25E+01	1.16E+00	6.57E+00	7.68E-01	3.88E+00	4.17E-01	4.27E-01	4.52E-02	2.68E-09	2.84E-10
4.07E+00	8.54E-01	4.00E+01	4.13E+00	2.52E+01	2.48E+00	1.91E+01	1.92E+00	1.11E+01	1.41E+00	5.70E+00	9.11E-01	3.36E+00	4.97E-01	3.75E-01	3.74E-02	2.35E-09	2.35E-10
4.50E+00	8.86E-01	3.45E+01	4.99E+00	2.18E+01	2.98E+00	1.61E+01	2.20E+00	9.60E+00	1.66E+00	4.86E+00	1.01E+00	2.86E+00	5.59E-01	3.18E-01	4.08E-02	1.97E-09	2.57E-10
4.27E+00	9.20E-01	3.21E+01	5.95E+00	1.99E+01	3.56E+00	1.50E+01	2.66E+00	8.91E+00	1.85E+00	4.75E+00	1.12E+00	2.80E+00	6.20E-01	2.91E-01	4.99E-02	1.83E-09	3.14E-10
7.21E+00	7.00E-01	1.93E+01	4.67E+00	1.22E+01	2.84E+00	8.76E+00	2.11E+00	6.37E+00	1.44E+00	5.69E+00	8.28E-01	2.87E+00	4.66E-01	1.70E-01	4.00E-02	1.07E-09	2.52E-10
9.45E+00	7.18E-01	2.39E+01	4.44E+00	1.50E+01	2.67E+00	1.09E+01	1.98E+00	9.56E+00	1.40E+00	7.56E+00	8.39E-01	3.83E+00	4.66E-01	2.13E-01	3.72E-02	1.34E-09	2.34E-10
1.12E+01	7.94E-01	3.25E+01	5.31E+00	1.80E+01	3.19E+00	1.33E+01	2.40E+00	1.31E+01	1.60E+00	9.57E+00	9.95E-01	5.02E+00	5.63E-01	2.49E-01	4.51E-02	1.56E-09	2.84E-10
1.11E+01	8.84E-01	4.55E+01	5.93E+00	2.62E+01	3.56E+00	2.01E+01	2.71E+00	1.43E+01	1.70E+00	1.07E+01	1.10E+00	5.97E+00	6.33E-01	3.61E-01	5.09E-02	2.27E-09	3.20E-10
9.19E+00	9.17E-01	5.17E+01	6.23E+00	3.04E+01	3.74E+00	2.44E+01	2.88E+00	1.23E+01	1.71E+00	1.02E+01	1.14E+00	6.16E+00	6.69E-01	4.52E-01	5.41E-02	2.85E-09	3.40E-10
6.06E+00	9.43E-01	4.66E+01	6.23E+00	2.92E+01	3.75E+00	2.16E+01	2.90E+00	1.33E+01	1.63E+00	7.68E+00	1.12E+00	4.92E+00	6.61E-01	4.22E-01	5.48E-02	2.65E-09	3.45E-10
4.63E+00	1.06E+00	4.77E+01	5.92E+00	2.98E+01	3.58E+00	2.22E+01	2.78E+00	1.32E+01	1.50E+00	6.77E+00	1.02E+00	3.96E+00	6.13E-01	4.34E-01	5.27E-02	2.73E-09	3.32E-10
5.39E+00	1.12E+00	4.46E+01	5.34E+00	2.77E+01	3.25E+00	2.09E+01	2.52E+00	1.19E+01	1.32E+00	6.57E+00	9.96E-01	3.90E+00	5.48E-01	4.06E-01	4.81E-02	2.55E-09	3.03E-10
6.18E+00	1.03E+00	3.94E+01	4.58E+00	2.44E+01	2.79E+00	1.83E+01	2.17E+00	1.20E+01	1.12E+00	7.42E+00	9.46E-01	4.04E+00	5.21E-01	3.56E-01	4.16E-02	2.23E-09	2.62E-10
7.20E+00	8.61E-01	4.09E+01	3.70E+00	2.42E+01	2.25E+00	1.82E+01	1.76E+00	1.24E+01	1.05E+00	8.42E+00	8.66E-01	4.69E+00	4.80E-01	3.53E-01	3.38E-02	2.21E-09	2.13E-10
7.47E+00	7.24E-01	3.97E+01	3.40E+00	2.32E+01	2.02E+00	1.79E+01	1.54E+00	1.12E+01	1.09E+00	8.43E+00	8.17E-01	4.79E+00	4.61E-01	3.32E-01	2.91E-02	2.08E-09	1.83E-10
6.67E+00	7.14E-01	3.43E+01	4.01E+00	2.13E+01	2.39E+00	1.57E+01	1.77E+00	1.15E+01	1.35E+00	7.25E+00	8.43E-01	4.18E+00	4.61E-01	3.03E-01	3.28E-02	1.89E-09	2.06E-10
5.91E+00	8.16E-01	4.71E+01	4.94E+00	2.94E+01	2.96E+00	2.12E+01	2.22E+00	1.61E+01	1.55E+00	7.62E+00	9.87E-01	4.17E+00	5.53E-01	4.07E-01	4.14E-02	2.56E-09	2.60E-10
5.97E+00	8.34E-01	6.40E+01	5.60E+00	3.99E+01	3.38E+00	2.93E+01	2.55E+00	1.97E+01	1.68E+00	9.95E+00	1.06E+00	5.64E+00	6.03E-01	5.66E-01	4.79E-02	3.55E-09	3.01E-10
7.21E+00	8.40E-01	7.57E+01	5.94E+00	4.69E+01	3.59E+00	3.52E+01	2.73E+00	2.08E+01	1.70E+00	1.13E+01	1.10E+00	6.65E+00	6.32E-01	6.83E-01	5.15E-02	4.29E-09	3.24E-10
9.68E+00	7.99E-01	7.71E+01	5.99E+00	4.76E+01	3.62E+00	3.64E+01	2.78E+00	1.90E+01	1.63E+00	1.11E+01	1.07E+00	6.71E+00	6.28E-01	7.08E-01	5.26E-02	4.45E-09	3.31E-10
1.15E+01	7.45E-01	6.69E+01	5.69E+00	4.13E+01	3.43E+00	3.20E+01	2.66E+00	1.49E+01	1.47E+00	9.19E+00	1.00E+00	5.72E+00	5.94E-01	6.25E-01	5.03E-02	3.93E-09	3.17E-10
1.15E+01	7.85E-01	4.90E+01	5.02E+00	3.03E+01	3.03E+00	2.37E+01	2.37E+00	1.21E+01	1.22E+00	7.67E+00	8.60E-01	4.22E+00	5.18E-01	4.65E-01	4.50E-02	2.92E-09	2.83E-10
9.68E+00	7.47E-01	4.49E+01	4.23E+00	2.75E+01	2.59E+00	2.08E+01	1.99E+00	1.26E+01	1.06E+00	7.26E+00	6.72E-01	4.22E+00	4.09E-01	3.98E-01	3.84E-02	2.50E-09	2.41E-10
7.17E+00	6.67E-01	4.70E+01	3.99E+00	2.89E+01	2.45E+00	2.22E+01	1.89E+00	1.14E+01	9.80E-01	6.84E+00	6.25E-01	4.15E+00	3.77E-01	4.31E-01	3.64E-02	2.71E-09	2.29E-10
5.18E+00	5.80E-01	4.57E+01	3.69E+00	2.83E+01	2.27E+00	2.12E+01	1.75E+00	1.31E+01	8.86E-01	7.25E+00	6.50E-01	4.21E+00	3.74E-01	4.09E-01	3.38E-02	2.55E-09	2.12E-10
5.97E+00	6.52E-01	5.35E+01	3.53E+00	3.31E+01	2.10E+00	2.49E+01	1.62E+00	1.47E+01	1.15E+00	8.37E+00	8.09E-01	4.92E+00	4.70E-01	4.83E-01	3.08E-02	3.01E-09	1.93E-10
6.65E+00	7.98E-01	5.87E+01	4.29E+00	3.64E+01	2.52E+00	2.74E+01	1.88E+00	1.56E+01	1.39E+00	9.01E+00	9.10E-01	5.34E+00	5.32E-01	5.33E-01	3.49E-02	3.33E-09	2.19E-10
6.06E+00	8.10E-01	6.06E+01	5.19E+00	3.76E+01	3.08E+00	2.84E+01	2.32E+00	1.58E+01	1.54E+00	9.12E+00	9.95E-01	5.43E+00	5.58E-01	5.54E-01	4.36E-02	3.46E-09	2.74E-10
4.74E+00	6.69E-01	5.93E+01	5.81E+00	3.68E+01	3.50E+00	2.78E+01	2.66E+00	1.54E+01	1.54E+00	8.75E+00	9.74E-01	5.22E+00	5.64E-01	5.44E-01	5.09E-02	3.39E-09	3.20E-10
4.26E+00	5.70E-01	5.53E+01	5.80E+00	3.45E+01	3.53E+00	2.60E+01	2.72E+00	1.44E+01	1.41E+00	8.03E+00	8.67E-01	4.80E+00	5.20E-01	5.09E-01	5.26E-02	3.17E-09	3.31E-10
4.15E+00	7.42E-01	5.02E+01	5.27E+00	3.13E+01	3.24E+00	2.39E+01	2.50E+00	1.33E+01	1.21E+00	7.14E+00	7.40E-01	4.24E+00	4.55E-01	4.67E-01	4.87E-02	2.93E-09	3.07E-10
4.14E+00	8.69E-01	4.47E+01	4.45E+00	2.78E+01	2.74E+00	2.14E+01	2.12E+00	1.19E+01	1.40E+00	6.17E+00	9.00E-01	3.68E+00	4.89E-01	4.19E-01	4.14E-02	2.63E-09	2.60E-10
4.61E+00	9.62E-01	3.79E+01	5.06E+00	2.36E+01	3.00E+00	1.81E+01	2.22E+00	1.02E+01	1.72E+00	5.28E+00	1.06E+00	3.09E+00	5.81E-01	3.57E-01	4.09E-02	2.24E-09	2.57E-10
4.40E+00	9.80E-01	3.48E+01	6.20E+00	2.15E+01	3.70E+00	1.62E+01	2.76E+00	9.37E+00	1.94E+00	5.17E+00	1.19E+00	3.05E+00	6.57E-01	3.15E-01	5.16E-02	1.97E-09	3.25E-10
3.93E+00	1.01E+00	3.39E+01	6.90E+00	2.11E+01	4.13E+00	1.63E+01	3.11E+00	9.74E+00	1.96E+00	5.06E+00	1.21E+00	2.91E+00	6.83E-01	3.21E-01	5.91E-02	2.02E-09	3.72E-10
3.91E+00	7.59E-01	1.87E+01	5.54E+00	1.14E+01	3.36E+00	8.65E+00	2.49E+00	5.61E+00	1.76E+00	3.59E+00	1.00E+00	1.88E+00	5.58E-01	1.69E-01	4.70E-02	1.06E-09	2.96E-10
5.92E+00	7.02E-01	2.09E+01	5.01E+00	1.32E+01	3.04E+00	9.39E+00	2.25E+00	7.18E+00	1.57E+00	4.97E+00	9.05E-01	2.54E+00	5.05E-01	1.82E-01	4.26E-02	1.15E-09	2.68E-10
8.42E+00	7.47E-01	2.78E+01	4.65E+00	1.75E+01	2.80E+00	1.26E+01	2.07E+00	8.94E+00	1.49E+00	6.86E+00	8.69E-01	3.50E+00	4.80E-01	2.46E-01	3.90E-02	1.55E-09	2.45E-10
1.06E+01	8.44E-01	3.32E+01	5.64E+00	2.08E+01	3.38E+00	1.53E+01	2.53E+00	1.11E+01	1.73E+00	9.01E+00	1.06E+00	4.79E+00	5.93E-01	2.99E-01	4.76E-02	1.88E-09	2.99E-10
1.13E+01	9.72E-01	4.15E+01	6.48E+00	2.48E+01	3.88E+00	1.87E+01	2.95E+00	1.17E+01	1.88E+00	1.04E+01	1.21E+00	5.97E+00	6.90E-01	3.55E-01	5.54E-02	2.23E-09	3.48E-10
9.53E+00	1.01E+00	4.64E+01	6.98E+00	2.91E+01	4.19E+00	2.14E+01	3.22E+00	1.36E+01	1.91E+00	9.60E+00	1.27E+00	5.89E+00	7.43E-01	4.19E-01	6.06E-02	2.63E-09	3.81E-10
6.13E+00	9.40E-01	5.07E+01	7.01E+00	3.18E+01	4.22E+00	2.35E+01	3.27E+00	1.46E+01	1.81E+00	7.07E+00	1.24E+00	4.18E+00	7.34E-01	4.58E-01	6.19E-02	2.88E-09	3.89E-10
4.31E+00	1.04E+00	5.17E+01	6.54E+00	3.23E+01	3.96E+00	2.41E+01	3.08E+00	1.44E+01	1.62E+00	7.43E+00	1.12E+00	4.33E+00	6.70E-01	4.69E-01	5.85E-02	2.95E-09	3.68E-10
5.73E+00	1.08E+00	4.76E+01	5.75E+00	2.95E+01	3.48E+00	2.24E+01	2.72E+00	1.25E+01	1.38E+00	7.08E+00	9.80E-01	4.21E+00	5.81E-01	4.34E-01	5.19E-02	2.73E-09	3.27E-10
7.19E+00	9.58E-01	4.32E+01	4.72E+00	2.67E+01	2.86E+00	2.02E+01	2.25E+00	1.31E+01	1.10E+00	8.44E+00	9.14E-01	4.60E+00	5.08E-01	3.92E-01	4.29E-02	2.45E-09	2.70E-10
7.91E+00	7.88E-01	4.24E+01	3.58E+00	2.54E+01	2.17E+00	1.93E+01	1.71E+00	1.26E+01	1.02E+00	9.01E+00	8.35E-01	5.03E+00	4.67E-01	3.75E-01	3.26E-02	2.35E-09	2.05E-10
7.56E+00	6.73E-01	3.70E+01	3.76E+00	2.27E+01	2.24E+00	1.74E+01	1.64E+00	1.06E+01	1.31E+00	8.20E+00	7.98E-01	4.67E+00	4.53E-01	3.37E-01	3.04E-02	2.11E-09	1.91E-10
6.04E+00	8.43E-01	4.11E+01	4.79E+00	2.57E+01	2.86E+00	1.84E+01	2.13E+00	1.48E+01	1.56E+00	6.77E+00	9.95E-01	3.65E+00	5.50E-01	3.51E-01	3.96E-02	2.21E-09	2.49E-10
5.69E+00	8.97E-01	5.98E+01	5.63E+00	3.72E+01	3.39E+00	2.72E+01	2.54E+00	1.89E+01	1.75E+00	9.35E+00	1.11E+00	5.25E+00	6.21E-01	5.25E-01	4.75E-02	3.30E-09	2.99E-10
7.70E+00	9.24E-01	7.39E+01	6.16E+00	4.58E+01	3.71E+00	3.44E+01	2.81E+00	2.06E+01	1.82E+00	1.11E+01	1.17E+00	6.49E+00	6.67E-01	6.65E-01	5.27E-02	4.18E-09	3.32E-10
1.14E+01	8.99E-01	7.71E+01	6.33E+00	4.76E+01	3.82E+00	3.64E+01	2.92E+00	1.89E+01	1.77E+00	1.11E+01	1.17E+00	6.72E+00	6.79E-01	7.08E-01	5.50E-02	4.45E-09	3.46E-10
1.42E+01	8.44E-01	6.71E+01	6.07E+00	4.14E+01	3.65E+00	3.21E+01	2.83E+00	1.47E+01	1.58E+00	9.16E+00	1.09E+00	5.73E+00	6.45E-01	6.28E-01	5.34E-02	3.95E-09	3.36E-10
1.42E+01	8.77E-01	4.82E+01	5.33E+00	2.97E+01	3.21E+00	2.33E+01	2.51E+00	1.21E+01	1.29E+00	9.24E+00	9.24E-01	5.14E+00	5.55E-01	4.59E-01	4.77E-02	2.88E-09	3.00E-10
1.14E+01	7.94E-01	4.45E+01	4.27E+00	2.72E+01	2.59E+00	2.06E+01	2.02E+00	1.26E+01	1.06E+00	7.64E+00	6.96E-01	4.25E+00	4.26E-01	3.93E-01	3.88E-02	2.47E-09	2.44E-10
7.76E+00	6.71E-01	4.66E+01	3.99E+00	2.87E+01	2.44E+00	2.21E+01	1.88E+00	1.18E+01	9.80E-01	6.73E+00	6.38E-01	4.11E+00	3.83E-01	4.29E-01	3.63E-02	2.70E-09	2.28E-10
6.57E+00	6.38E-01	4.92E+01	3.64E+00	3.04E+01	2.23E+00	2.28E+01	1.72E+00	1.40E+01	9.79E-01	7.87E+00	7.23E-01	4.58E+00	4.14E-01	4.40E-01	3.33E-02	2.75E-09	2.09E-10
7.55E+00	7.76E-01	5.72E+01	3.84E+00	3.53E+01	2.26E+00	2.66E+01	1.76E+00	1.56E+01	1.27E+00	8.96E+00	8.97E-01	5.28E+00	5.20E-01	5.15E-01	3.24E-02	3.22E-09	2.03E-10
8.05E+00	8.74E-01	6.19E+01	4.79E+00	3.83E+01	2.82E+00	2.90E+01	2.11E+00	1.63E+01	1.53E+00	9.46E+00	9.99E-01	5.62E+00	5.79E-01	5.62E-01	3.91E-02	3.52E-09	2.46E-10
6.89E+00	7.94E-01	6.29E+01	5.82E+00	3.90E+01	3.48E+00	2.95E+01	2.64E+00	1.63E+01	1.64E+00	9.35E+00	1.05E+00	5.58E+00	5.98E-01	5.74E-01	4.99E-02	3.59E-09	3.14E-10
4.94E+00	6.03E-01	6.02E+01	6.29E+00	3.75E+01	3.81E+00	2.83E+01	2.92E+00	1.56E+01	1.57E+00	8.74E+00	9.82E-01	5.23E+00	5.82E-01	5.53E-01	5.63E-02	3.45E-09	3.54E-10
3.94E+00	7.31E-01	5.48E+01	5.89E+00	3.42E+01	3.61E+00	2.57E+01	2.79E+00	1.42E+01	1.35E+00	7.79E+00	8.39E-01	4.66E+00	5.13E-01	5.05E-01	5.43E-02	3.15E-09	3.41E-10
3.75E+00	8.58E-01	4.92E+01	4.98E+00	3.07E+01	3.06E+00	2.34E+01	2.38E+00	1.26E+01	1.32E+00	6.70E+00	8.51E-01	4.04E+00	4.61E-01	4.60E-01	4.64E-02	2.89E-09	2.92E-10
4.40E+00	1.01E+00	4.26E+01	4.85E+00	2.66E+01	2.85E+00	2.04E+01	2.12E+00	1.08E+01	1.71E+00	5.74E+00	1.07E+00	3.48E+00	5.78E-01	4.01E-01	4.04E-02	2.52E-09	2.54E-10
4.40E+00	1.04E+00	3.84E+01	6.22E+00	2.38E+01	3.69E+00	1.79E+01	2.75E+00	1.05E+01	1.99E+00	5.72E+00	1.23E+00	3.37E+00	6.77E-01	3.47E-01	5.12E-02	2.18E-09	3.22E-10
4.20E+00	1.08E+00	3.72E+01	7.25E+00	2.30E+01	4.33E+00	1.75E+01	3.26E+00	1.03E+01	2.07E+00	5.43E+00	1.28E+00	3.23E+00	7.25E-01	3.45E-01	6.19E-02	2.17E-09	3.89E-10
4.96E+00	1.09E+00	3.53E+01	7.39E+00	2.20E+01	4.44E+00	1.71E+01	3.38E+00	1.14E+01	1.98E+00	5.91E+00	1.26E+00	3.28E+00	7.02E-01	3.39E-01	6.48E-02	2.13E-09	4.08E-10
4.91E+00	7.80E-01	1.86E+01	6.01E+00	1.16E+01	3.66E+00	8.26E+00	2.71E+00	6.45E+00	1.96E+00	2.92E+00	1.07E+00	1.79E+00	5.81E-01	1.60E-01	5.19E-02	1.01E-09	3.27E-10
4.40E+00	7.92E-01	1.88E+01	5.65E+00	1.17E+01	3.42E+00	8.65E+00	2.51E+00	6.19E+00	1.86E+00	2.89E+00	1.05E+00	1.61E+00	5.72E-01	1.69E-01	4.73E-02	1.06E-09	2.97E-10
4.46E+00	7.92E-01	2.30E+01	5.31E+00	1.46E+01	3.20E+00	1.03E+01	2.36E+00	8.28E+00	1.73E+00	3.99E+00	1.00E+00	2.05E+00	5.52E-01	1.99E-01	4.44E-02	1.25E-09	2.79E-10
6.93E+00	7.68E-01	3.17E+01	4.91E+00	1.99E+01	2.96E+00	1.44E+01	2.19E+00	1.03E+01	1.61E+00	5.88E+00	9.40E-01	3.02E+00	5.20E-01	2.79E-01	4.10E-02	1.76E-09	2.58E-10
9.35E+00	8.86E-01	3.70E+01	6.19E+00	2.31E+01	3.72E+00	1.71E+01	2.77E+00	1.06E+01	1.93E+00	8.07E+00	1.14E+00	4.36E+00	6.33E-01	3.33E-01	5.22E-02	2.09E-09	3.28E-10
1.03E+01	1.02E+00	4.28E+01	7.30E+00	2.69E+01	4.39E+00	1.96E+01	3.32E+00	1.31E+01	2.11E+00	9.21E+00	1.32E+00	5.35E+00	7.54E-01	3.84E-01	6.27E-02	2.41E-09	3.94E-10
8.76E+00	1.07E+00	5.19E+01	7.89E+00	3.26E+01	4.75E+00	2.38E+01	3.65E+00	1.57E+01	2.11E+00	7.98E+00	1.40E+00	4.95E+00	8.21E-01	4.66E-01	6.90E-02	2.93E-09	4.34E-10
5.73E+00	1.02E+00	5.85E+01	7.76E+00	3.67E+01	4.67E+00	2.70E+01	3.63E+00	1.70E+01	1.96E+00	8.16E+00	1.36E+00	4.68E+00	8.09E-01	5.28E-01	6.88E-02	3.32E-09	4.33E-10
4.92E+00	1.03E+00	5.85E+01	6.99E+00	3.65E+01	4.22E+00	2.73E+01	3.30E+00	1.60E+01	1.70E+00	8.32E+00	1.21E+00	4.89E+00	7.31E-01	5.33E-01	6.26E-02	3.35E-09	3.94E-10
6.60E+00	1.02E+00	4.93E+01	5.81E+00	3.06E+01	3.50E+00	2.33E+01	2.75E+00	1.33E+01	1.38E+00	7.86E+00	1.01E+00	4.40E+00	6.13E-01	4.53E-01	5.22E-02	2.85E-09	3.29E-10
7.97E+00	8.68E-01	4.61E+01	4.48E+00	2.85E+01	2.69E+00	2.16E+01	2.13E+00	1.34E+01	1.04E+00	9.09E+00	8.69E-01	4.97E+00	4.84E-01	4.17E-01	4.03E-02	2.61E-09	2.54E-10
8.49E+00	7.38E-01	4.34E+01	3.44E+00	2.66E+01	2.06E+00	2.04E+01	1.54E+00	1.11E+01	1.25E+00	8.95E+00	8.27E-01	5.02E+00	4.66E-01	3.94E-01	2.91E-02	2.47E-09	1.82E-10
7.49E+00	8.23E-01	3.77E+01	4.55E+00	2.31E+01	2.71E+00	1.79E+01	1.99E+00	1.27E+01	1.56E+00	7.17E+00	9.68E-01	4.10E+00	5.24E-01	3.45E-01	3.69E-02	2.16E-09	2.32E-10

Scenario 2 Results

5.26E+00	9.44E-01	5.20E+01	5.60E+00	3.25E+01	3.36E+00	2.35E+01	2.49E+00	1.73E+01	1.83E+00	8.33E+00	1.14E+00	4.61E+00	6.27E-01	4.52E-01	4.64E-02	2.84E-09	2.92E-10
7.85E+00	9.91E-01	6.81E+01	6.36E+00	4.22E+01	3.83E+00	3.15E+01	2.87E+00	1.96E+01	1.97E+00	1.04E+01	1.24E+00	6.03E+00	6.94E-01	6.08E-01	5.37E-02	3.82E-09	3.38E-10
1.34E+01	9.83E-01	7.38E+01	6.75E+00	4.56E+01	4.06E+00	3.48E+01	3.08E+00	1.83E+01	1.95E+00	1.07E+01	1.27E+00	6.49E+00	7.26E-01	6.76E-01	5.80E-02	4.25E-09	3.65E-10
1.79E+01	9.90E-01	6.51E+01	6.57E+00	4.01E+01	3.95E+00	3.12E+01	3.04E+00	1.41E+01	1.73E+00	1.11E+01	1.19E+00	6.42E+00	6.96E-01	6.10E-01	5.76E-02	3.84E-09	3.62E-10
1.77E+01	1.00E+00	4.59E+01	5.74E+00	2.83E+01	3.45E+00	2.23E+01	2.70E+00	1.18E+01	1.37E+00	1.12E+01	9.88E-01	6.35E+00	5.93E-01	4.39E-01	5.13E-02	2.76E-09	3.23E-10
1.32E+01	8.44E-01	4.18E+01	4.45E+00	2.55E+01	2.69E+00	1.92E+01	2.11E+00	1.20E+01	1.13E+00	8.73E+00	7.18E-01	4.77E+00	4.40E-01	3.66E-01	4.06E-02	2.30E-09	2.55E-10
8.03E+00	7.16E-01	4.32E+01	3.93E+00	2.65E+01	2.39E+00	2.05E+01	1.85E+00	1.31E+01	1.10E+00	6.94E+00	6.75E-01	3.95E+00	3.87E-01	3.98E-01	3.56E-02	2.50E-09	2.23E-10
8.14E+00	7.70E-01	5.38E+01	3.67E+00	3.32E+01	2.23E+00	2.49E+01	1.70E+00	1.53E+01	1.18E+00	8.64E+00	8.17E-01	5.03E+00	4.65E-01	4.80E-01	3.25E-02	3.00E-09	2.04E-10
9.91E+00	9.42E-01	6.17E+01	4.19E+00	3.81E+01	2.44E+00	2.88E+01	1.91E+00	1.66E+01	1.41E+00	9.68E+00	1.01E+00	5.72E+00	5.86E-01	5.56E-01	3.48E-02	3.48E-09	2.18E-10
1.00E+01	9.43E-01	6.50E+01	5.38E+00	4.02E+01	3.17E+00	3.05E+01	2.39E+00	1.69E+01	1.64E+00	9.89E+00	1.09E+00	5.90E+00	6.34E-01	5.92E-01	4.44E-02	3.70E-09	2.79E-10
7.77E+00	8.00E-01	6.39E+01	6.33E+00	3.96E+01	3.80E+00	3.00E+01	2.90E+00	1.64E+01	1.67E+00	9.41E+00	1.08E+00	5.63E+00	6.23E-01	5.85E-01	5.54E-02	3.66E-09	3.49E-10
4.92E+00	7.32E-01	5.93E+01	6.47E+00	3.69E+01	3.94E+00	2.78E+01	3.04E+00	1.53E+01	1.53E+00	8.48E+00	9.56E-01	5.08E+00	5.77E-01	5.45E-01	5.90E-02	3.41E-09	3.71E-10
4.19E+00	9.09E-01	5.27E+01	5.71E+00	3.29E+01	3.51E+00	2.50E+01	2.72E+00	1.37E+01	1.39E+00	7.33E+00	8.37E-01	4.39E+00	4.91E-01	4.89E-01	5.31E-02	3.07E-09	3.34E-10
4.42E+00	1.05E+00	4.69E+01	4.92E+00	2.92E+01	3.02E+00	2.24E+01	2.22E+00	1.16E+01	1.64E+00	6.14E+00	1.05E+00	3.81E+00	5.63E-01	4.40E-01	4.20E-02	2.76E-09	2.64E-10
4.33E+00	1.07E+00	4.13E+01	6.03E+00	2.56E+01	3.59E+00	1.92E+01	2.68E+00	1.16E+01	1.95E+00	6.19E+00	1.23E+00	3.61E+00	6.69E-01	3.73E-01	5.13E-02	2.34E-09	3.23E-10
4.52E+00	1.07E+00	4.15E+01	7.13E+00	2.57E+01	4.23E+00	1.94E+01	3.19E+00	1.10E+01	2.05E+00	6.04E+00	1.28E+00	3.58E+00	7.20E-01	3.76E-01	6.04E-02	2.36E-09	3.80E-10
5.31E+00	1.12E+00	3.90E+01	7.48E+00	2.41E+01	4.48E+00	1.83E+01	3.41E+00	1.20E+01	2.00E+00	6.32E+00	1.27E+00	3.50E+00	7.13E-01	3.56E-01	6.54E-02	2.24E-09	4.11E-10
6.19E+00	1.11E+00	4.37E+01	7.15E+00	2.71E+01	4.35E+00	2.06E+01	3.28E+00	1.33E+01	2.10E+00	7.56E+00	1.30E+00	4.17E+00	7.13E-01	4.02E-01	6.27E-02	2.53E-09	3.94E-10
6.24E+00	7.49E-01	1.88E+01	6.13E+00	1.18E+01	3.73E+00	8.38E+00	2.72E+00	6.48E+00	1.97E+00	3.72E+00	1.04E+00	2.26E+00	5.62E-01	1.62E-01	5.21E-02	1.02E-09	3.28E-10
6.12E+00	7.65E-01	1.92E+01	5.94E+00	1.20E+01	3.60E+00	8.51E+00	2.64E+00	6.77E+00	2.00E+00	3.57E+00	1.06E+00	2.18E+00	5.74E-01	1.64E-01	5.04E-02	1.03E-09	3.17E-10
5.60E+00	8.54E-01	1.95E+01	5.88E+00	1.21E+01	3.55E+00	8.61E+00	2.57E+00	6.73E+00	2.02E+00	3.21E+00	1.12E+00	1.97E+00	5.99E-01	1.66E-01	4.84E-02	1.04E-09	3.05E-10
4.67E+00	9.10E-01	2.34E+01	5.82E+00	1.49E+01	3.49E+00	1.04E+01	2.55E+00	8.61E+00	1.96E+00	3.41E+00	1.14E+00	1.81E+00	6.14E-01	2.02E-01	4.78E-02	1.27E-09	3.01E-10
4.82E+00	9.08E-01	3.30E+01	5.60E+00	2.08E+01	3.34E+00	1.49E+01	2.47E+00	1.08E+01	1.81E+00	4.69E+00	1.10E+00	2.58E+00	6.02E-01	2.91E-01	4.62E-02	1.83E-09	2.90E-10
7.03E+00	8.90E-01	3.94E+01	6.80E+00	2.45E+01	4.10E+00	1.82E+01	3.04E+00	1.16E+01	2.10E+00	6.26E+00	1.20E+00	3.39E+00	6.65E-01	3.54E-01	5.76E-02	2.23E-09	3.62E-10
8.40E+00	1.07E+00	4.93E+01	8.07E+00	3.10E+01	4.86E+00	2.25E+01	3.67E+00	1.54E+01	2.30E+00	7.21E+00	1.42E+00	4.23E+00	8.13E-01	4.40E-01	6.96E-02	2.77E-09	4.38E-10
8.02E+00	1.17E+00	6.12E+01	8.55E+00	3.84E+01	5.13E+00	2.81E+01	3.95E+00	1.83E+01	2.27E+00	8.30E+00	1.52E+00	4.71E+00	8.92E-01	5.51E-01	7.47E-02	3.46E-09	4.70E-10
5.14E+00	1.14E+00	6.63E+01	8.08E+00	4.15E+01	4.84E+00	3.08E+01	3.77E+00	1.86E+01	2.05E+00	9.08E+00	1.46E+00	5.27E+00	8.70E-01	6.03E-01	7.12E-02	3.79E-09	4.48E-10
5.60E+00	1.01E+00	5.96E+01	6.98E+00	3.72E+01	4.18E+00	2.80E+01	3.28E+00	1.57E+01	1.71E+00	8.46E+00	1.29E+00	5.03E+00	7.71E-01	5.47E-01	6.18E-02	3.44E-09	3.89E-10
7.55E+00	9.30E-01	5.17E+01	5.55E+00	3.19E+01	3.31E+00	2.40E+01	2.62E+00	1.43E+01	1.31E+00	8.38E+00	1.04E+00	4.67E+00	6.29E-01	4.64E-01	4.93E-02	2.91E-09	3.10E-10
9.05E+00	8.01E-01	5.13E+01	3.94E+00	3.16E+01	2.33E+00	2.40E+01	1.86E+00	1.35E+01	1.16E+00	9.19E+00	8.61E-01	5.00E+00	4.79E-01	4.63E-01	3.49E-02	2.91E-09	2.20E-10
8.82E+00	7.38E-01	4.66E+01	4.20E+00	2.86E+01	2.50E+00	2.20E+01	1.80E+00	1.13E+01	1.52E+00	8.14E+00	8.93E-01	4.56E+00	4.82E-01	4.25E-01	3.34E-02	2.67E-09	2.10E-10
6.24E+00	9.41E-01	4.30E+01	5.43E+00	2.69E+01	3.25E+00	1.92E+01	2.38E+00	1.55E+01	1.87E+00	7.16E+00	1.13E+00	3.85E+00	6.09E-01	3.66E-01	4.41E-02	2.30E-09	2.78E-10
6.99E+00	1.03E+00	6.17E+01	6.48E+00	3.83E+01	3.89E+00	2.83E+01	2.88E+00	1.86E+01	2.11E+00	9.60E+00	1.28E+00	5.46E+00	7.04E-01	5.46E-01	5.39E-02	3.43E-09	3.39E-10
1.49E+01	1.07E+00	7.10E+01	7.15E+00	4.38E+01	4.29E+00	3.34E+01	3.24E+00	1.78E+01	2.13E+00	1.03E+01	1.36E+00	6.22E+00	7.72E-01	6.50E-01	6.09E-02	4.09E-09	3.83E-10
2.26E+01	1.18E+00	6.35E+01	7.11E+00	3.91E+01	4.27E+00	3.05E+01	3.29E+00	1.34E+01	1.88E+00	1.38E+01	1.29E+00	8.12E+00	7.54E-01	5.97E-01	6.21E-02	3.76E-09	3.91E-10
2.19E+01	1.17E+00	4.30E+01	6.17E+00	2.66E+01	3.70E+00	2.10E+01	2.90E+00	1.11E+01	1.46E+00	1.37E+01	1.06E+00	7.86E+00	6.35E-01	4.14E-01	5.52E-02	2.60E-09	3.48E-10
1.42E+01	8.69E-01	3.68E+01	4.61E+00	2.23E+01	2.79E+00	1.68E+01	2.19E+00	1.12E+01	1.27E+00	9.49E+00	7.54E-01	5.18E+00	4.50E-01	3.19E-01	4.22E-02	2.01E-09	2.65E-10
7.26E+00	7.79E-01	4.64E+01	4.19E+00	2.88E+01	2.53E+00	2.12E+01	1.91E+00	1.45E+01	1.25E+00	7.56E+00	7.56E-01	4.28E+00	4.31E-01	4.08E-01	3.62E-02	2.55E-09	2.27E-10
9.19E+00	9.20E-01	5.93E+01	4.17E+00	3.66E+01	2.50E+00	2.75E+01	1.86E+00	1.68E+01	1.41E+00	9.44E+00	9.25E-01	5.49E+00	5.24E-01	5.30E-01	3.54E-02	3.32E-09	2.23E-10
1.27E+01	1.12E+00	6.71E+01	4.75E+00	4.14E+01	2.86E+00	3.14E+01	2.16E+00	1.78E+01	1.53E+00	1.04E+01	1.14E+00	6.17E+00	6.59E-01	6.07E-01	4.07E-02	3.81E-09	2.56E-10
1.19E+01	1.07E+00	6.87E+01	5.99E+00	4.24E+01	3.54E+00	3.23E+01	2.69E+00	1.75E+01	1.70E+00	1.03E+01	1.18E+00	6.17E+00	6.89E-01	6.27E-01	5.04E-02	3.93E-09	3.17E-10
8.12E+00	8.35E-01	6.47E+01	6.71E+00	4.01E+01	4.05E+00	3.05E+01	3.11E+00	1.62E+01	1.65E+00	9.35E+00	1.07E+00	5.63E+00	6.32E-01	5.94E-01	5.99E-02	3.72E-09	3.77E-10
5.11E+00	9.58E-01	5.72E+01	6.24E+00	3.56E+01	3.82E+00	2.69E+01	2.96E+00	1.45E+01	1.48E+00	8.00E+00	8.88E-01	4.82E+00	5.45E-01	5.28E-01	5.76E-02	3.30E-09	3.62E-10
5.21E+00	1.13E+00	5.04E+01	5.10E+00	3.14E+01	3.13E+00	2.40E+01	2.44E+00	1.24E+01	1.74E+00	6.64E+00	1.05E+00	4.10E+00	5.51E-01	4.71E-01	4.77E-02	2.96E-09	3.00E-10
4.85E+00	1.09E+00	4.32E+01	6.10E+00	2.69E+01	3.74E+00	2.07E+01	2.75E+00	1.19E+01	1.94E+00	6.32E+00	1.21E+00	3.64E+00	6.53E-01	4.06E-01	5.24E-02	2.55E-09	3.29E-10
4.88E+00	1.05E+00	4.35E+01	7.01E+00	2.69E+01	4.27E+00	2.02E+01	3.19E+00	1.19E+01	2.09E+00	6.40E+00	1.27E+00	3.76E+00	7.10E-01	3.92E-01	6.14E-02	2.46E-09	3.87E-10
5.50E+00	1.09E+00	4.27E+01	7.36E+00	2.64E+01	4.48E+00	2.00E+01	3.38E+00	1.26E+01	2.27E+00	6.67E+00	1.29E+00	3.68E+00	7.15E-01	3.90E-01	6.56E-02	2.45E-09	4.13E-10
6.79E+00	1.11E+00	4.51E+01	8.01E+00	2.80E+01	4.87E+00	2.12E+01	3.67E+00	1.45E+01	2.25E+00	8.14E+00	1.35E+00	4.46E+00	7.66E-01	4.13E-01	7.02E-02	2.60E-09	4.42E-10
7.46E+00	1.33E+00	5.32E+01	8.00E+00	3.24E+01	4.86E+00	2.46E+01	3.70E+00	1.71E+01	2.19E+00	9.64E+00	1.47E+00	5.39E+00	8.22E-01	4.83E-01	7.10E-02	3.04E-09	4.47E-10
6.42E+00	7.91E-01	1.95E+01	5.32E+00	1.20E+01	3.25E+00	8.67E+00	2.37E+00	6.39E+00	1.83E+00	3.87E+00	9.97E-01	2.33E+00	5.74E-01	1.67E-01	4.46E-02	1.05E-09	2.80E-10
6.94E+00	7.81E-01	1.88E+01	5.84E+00	1.15E+01	3.55E+00	8.37E+00	2.55E+00	6.68E+00	1.97E+00	4.10E+00	1.01E+00	2.49E+00	5.37E-01	1.61E-01	4.88E-02	1.01E-09	3.07E-10
7.27E+00	7.49E-01	1.94E+01	6.05E+00	1.21E+01	3.65E+00	8.53E+00	2.65E+00	7.09E+00	2.04E+00	4.22E+00	1.10E+00	2.58E+00	5.89E-01	1.64E-01	5.06E-02	1.03E-09	3.18E-10
7.10E+00	8.86E-01	2.00E+01	6.16E+00	1.23E+01	3.70E+00	8.70E+00	2.66E+00	7.30E+00	2.17E+00	4.06E+00	1.18E+00	2.50E+00	6.20E-01	1.67E-01	5.01E-02	1.05E-09	3.15E-10
6.20E+00	9.64E-01	2.28E+01	6.34E+00	1.45E+01	3.79E+00	1.01E+01	2.76E+00	8.59E+00	2.14E+00	3.49E+00	1.24E+00	2.16E+00	6.62E-01	1.96E-01	5.18E-02	1.23E-09	3.26E-10
4.69E+00	9.74E-01	3.32E+01	6.23E+00	2.09E+01	3.70E+00	1.50E+01	2.75E+00	1.11E+01	1.95E+00	4.77E+00	1.21E+00	2.60E+00	6.66E-01	2.91E-01	5.15E-02	1.83E-09	3.24E-10
4.74E+00	9.23E-01	4.09E+01	7.12E+00	2.57E+01	4.30E+00	1.85E+01	3.17E+00	1.30E+01	2.24E+00	5.74E+00	1.24E+00	3.30E+00	6.81E-01	3.63E-01	6.02E-02	2.28E-09	3.79E-10
6.68E+00	1.13E+00	5.56E+01	8.45E+00	3.50E+01	5.07E+00	2.54E+01	3.82E+00	1.70E+01	2.47E+00	7.39E+00	1.51E+00	4.15E+00	8.51E-01	4.98E-01	7.23E-02	3.13E-09	4.55E-10
7.06E+00	1.28E+00	6.59E+01	8.82E+00	4.14E+01	5.27E+00	3.03E+01	4.05E+00	1.95E+01	2.39E+00	8.86E+00	1.63E+00	5.04E+00	9.45E-01	5.95E-01	7.62E-02	3.74E-09	4.80E-10
5.53E+00	1.28E+00	6.71E+01	8.07E+00	4.20E+01	4.80E+00	3.12E+01	3.75E+00	1.86E+01	2.08E+00	9.19E+00	1.56E+00	5.36E+00	9.19E-01	6.12E-01	7.01E-02	3.85E-09	4.41E-10
6.37E+00	1.12E+00	5.72E+01	6.59E+00	3.55E+01	3.89E+00	2.64E+01	3.08E+00	1.65E+01	1.62E+00	8.76E+00	1.32E+00	5.06E+00	7.84E-01	5.11E-01	5.74E-02	3.21E-09	3.61E-10
8.48E+00	8.78E-01	6.03E+01	4.71E+00	3.72E+01	2.76E+00	2.81E+01	2.21E+00	1.63E+01	1.13E+00	9.26E+00	9.85E-01	5.45E+00	5.90E-01	5.43E-01	4.09E-02	3.41E-09	2.57E-10
9.17E+00	7.79E-01	5.74E+01	3.71E+00	3.53E+01	2.21E+00	2.71E+01	1.61E+00	1.43E+01	1.41E+00	8.79E+00	8.70E-01	5.30E+00	4.84E-01	5.23E-01	2.94E-02	3.29E-09	1.85E-10
8.30E+00	8.71E-01	4.76E+01	5.04E+00	2.91E+01	3.01E+00	2.27E+01	2.17E+00	1.31E+01	1.83E+00	7.24E+00	1.06E+00	4.46E+00	5.57E-01	4.39E-01	4.03E-02	2.76E-09	2.54E-10
5.05E+00	1.03E+00	5.29E+01	6.35E+00	3.29E+01	3.81E+00	2.40E+01	2.79E+00	1.71E+01	2.15E+00	8.36E+00	1.27E+00	4.65E+00	6.89E-01	4.61E-01	5.21E-02	2.90E-09	3.28E-10
1.43E+01	1.12E+00	6.62E+01	7.30E+00	4.09E+01	4.37E+00	3.11E+01	3.29E+00	1.68E+01	2.22E+00	9.54E+00	1.42E+00	5.70E+00	7.95E-01	6.05E-01	6.16E-02	3.80E-09	3.88E-10
2.57E+01	1.30E+00	6.06E+01	7.43E+00	3.73E+01	4.44E+00	2.91E+01	3.42E+00	1.25E+01	1.96E+00	1.57E+01	1.37E+00	9.34E+00	8.00E-01	5.72E-01	6.46E-02	3.60E-09	4.06E-10
2.41E+01	1.25E+00	3.91E+01	6.38E+00	2.41E+01	3.83E+00	1.91E+01	3.00E+00	9.45E+00	1.48E+00	1.50E+01	1.09E+00	8.61E+00	6.58E-01	3.78E-01	5.73E-02	2.38E-09	3.60E-10
1.30E+01	8.57E-01	3.31E+01	4.59E+00	2.08E+01	2.78E+00	1.48E+01	2.18E+00	1.19E+01	1.37E+00	8.82E+00	8.31E-01	4.70E+00	4.64E-01	2.83E-01	4.22E-02	1.77E-09	2.66E-10
9.14E+00	8.34E-01	4.95E+01	4.51E+00	3.08E+01	2.71E+00	2.26E+01	2.05E+00	1.56E+01	1.50E+00	8.01E+00	8.54E-01	4.52E+00	4.70E-01	4.35E-01	3.88E-02	2.72E-09	2.44E-10
1.16E+01	1.08E+00	6.37E+01	4.92E+00	3.94E+01	2.94E+00	2.95E+01	2.18E+00	1.78E+01	1.64E+00	9.98E+00	1.04E+00	5.81E+00	5.82E-01	5.70E-01	4.05E-02	3.57E-09	2.55E-10
1.46E+01	1.24E+00	7.13E+01	5.46E+00	4.40E+01	3.29E+00	3.34E+01	2.49E+00	1.85E+01	1.62E+00	1.08E+01	1.24E+00	6.42E+00	7.08E-01	6.48E-01	4.72E-02	4.07E-09	2.97E-10
1.23E+01	1.09E+00	7.09E+01	6.41E+00	4.38E+01	3.81E+00	3.34E+01	2.92E+00	1.76E+01	1.69E+00	1.03E+01	1.22E+00	6.22E+00	7.04E-01	6.51E-01	5.53E-02	4.08E-09	3.48E-10
7.13E+00	9.88E-01	6.39E+01	6.68E+00	3.96E+01	4.05E+00	3.02E+01	3.14E+00	1.56E+01	1.65E+00	8.96E+00	1.04E+00	5.43E+00	6.05E-01	5.90E-01	6.08E-02	3.70E-09	3.83E-10
6.69E+00	1.20E+00	5.46E+01	5.61E+00	3.39E+01	3.44E+00	2.59E+01	2.67E+00	1.31E+01	1.84E+00	7.22E+00	1.07E+00	4.44E+00	5.77E-01	5.08E-01	5.23E-02	3.20E-09	3.29E-10
5.96E+00	1.14E+00	4.68E+01	6.23E+00	2.92E+01	3.78E+00	2.24E+01	2.78E+00	1.15E+01	2.08E+00	6.25E+00	1.17E+00	3.75E+00	6.32E-01	4.41E-01	5.22E-02	2.77E-09	3.28E-10
5.16E+00	1.10E+00	4.22E+01	7.31E+00	2.61E+01	4.47E+00	1.96E+01	3.32E+00	1.18E+01	2.23E+00	6.44E+00	1.20E+00	3.76E+00	6.74E-01	3.78E-01	6.36E-02	2.37E-09	4.00E-10
5.51E+00	1.10E+00	4.31E+01	7.77E+00	2.66E+01	4.76E+00	2.01E+01	3.58E+00	1.32E+01	2.49E+00	6.86E+00	1.37E+00	3.73E+00	7.40E-01	3.91E-01	6.92E-02	2.46E-09	4.36E-10
7.16E+00	1.40E+00	4.66E+01	8.70E+00	2.90E+01	5.29E+00	2.18E+01	3.97E+00	1.55E+01	2.49E+00	8.40E+00	1.44E+00	4.54E+00	8.18E-01	4.26E-01	7.60E-02	2.68E-09	4.78E-10
8.18E+00	1.60E+00	5.78E+01	8.78E+00	3.53E+01	5.33E+00	2.60E+01	4.06E+00	1.91E+01	2.54E+00	1.05E+01	1.48E+00	5.83E+00	8.27E-01	5.01E-01	7.82E-02	3.15E-09	4.92E-10
8.41E+00	1.70E+00	6.74E+01	7.97E+00	4.13E+01	4.82E+00	3.06E+01	3.70E+00	2.08E+01	3.24E+00	1.16E+01	1.84E+00	6.57E+00	9.52E-01	5.82E-01	7.09E-02	3.66E-09	4.46E-10
6.24E+00	8.72E-01	1.82E+01	6.34E+00	1.11E+01	3.82E+00	7.96E+00	2.87E+00	6.28E+00	1.88E+00	3.72E+00	1.18E+00	2.29E+00	6.64E-01	1.53E-01	5.42E-02	9.61E-10	3.41E-10
6.25E+00	9.03E-01	1.93E+01	5.95E+00	1.19E+01	3.56E+00	8.48E+00	2.70E+00	6.64E+00	1.74E+00	3.77E+00	1.15E+00	2.26E+00	6.54E-01	1.63E-01	5.06E-02	1.03E-09	3.18E-10
7.33E+00	9.02E-01	1.95E+01	5.64E+00	1.19E+01	3.43E+00	8.53E+00	2.45E+00	6.83E+00	1.97E+00	4.36E+00	1.09E+00	2.63E+00	6.23E-01	1.63E-01	4.66E-02	1.03E-09	2.93E-10
8.19E+00	8.52E-01	1.95E+01	6.08E+00	1.20E+01	3.66E+00	8.41E+00	2.64E+00	7.41E+00	2.05E+00	4.80E+00	1.11E+00	2.92E+00	5.85E-01	1.61E-01	5.02E-02	1.01E-09	3.16E-10
8.32E+00	8.46E-01	1.97E+01	6.22E+00	1.22E+01	3.73E+00	8.52E+00	2.67E+00	7.57E+00	2.19E+00	4.79E+00	1.17E+00	2.94E+00	6.24E-01	1.63E-01	5.04E-02	1.02E-09	3.17E-10
7.62E+00	9.68E-01	2.15E+01	6.61E+00	1.35E+01	3.94E+00	9.85E+00	2.86E+00	8.17E+00	2.21E+00	4.32E+00	1.28E+00	2.67E+00	6.81E-01	1.92E-01	5.39E-02	1.20E-09	3.39E-10
6.25E+00	1.04E+00	3.17E+01	6.61E+00	2.00E+01	3.90E+00	1.43E+01	2.90E+00	1.08E+01	2.05E+00	4.57E+00	1.31E+00	2.48E+00	7.15E-01	2.77E-01	5.44E-02	1.74E-09	3.42E-10
4.12E+00	1.03E+00	4.21E+01	7.18E+00	2.65E+01	4.33E+00	1.91E+01	3.14E+00	1.33E+01	2.37E+00	5.55E+00	1.26E+00	3.17E+00	7.01E-01	3.74E-01	5.97E-02	2.35E-09	3.76E-10
5.20E+00	1.18E+00	5.73E+01	8.40E+00	3.61E+01	5.01E+00	2.61E+01	3.74E+00	1.77E+01	2.54E+00	7.59E+00	1.55E+00	4.24E+00	8.58E-01	5.13E-01	7.07E-02	3.22E-09	4.45E-10
5.91E+00	1.36E+00	6.70E+01	8.30E+00	4.21E+01	4.91E+00	3.09E+01	3.76E+00	1.95E+01	2.32E+00	8.92E+00	1.65E+00	5.10E+00	9.40E-01	6.07E-01	7.03E-02	3.82E-09	4.43E-10
5.58E+00	1.36E+00	6.08E+01	7.08E+00	3.80E+01	4.14E+00	2.86E+01	3.26E+00	1.82E+01	1.87E+00	9.12E+00	1.53E+00	5.21E+00	8.88E-01	5.61E-01	6.00E-02	3.53E-09	3.78E-10
6.79E+00	1.22E+00	6.77E+01	5.22E+00	4.20E+01	3.00E+00	3.15E+01	2.42E+00	1.89E+01	1.32E+00	1.01E+01	1.24E+00	5.91E+00	7.31E-01	6.09E-01	4.37E-02	3.83E-09	2.75E-10
8.58E+00	9.27E-01	6.76E+01	3.62E+00	4.17E+01	2.08E+00	3.18E+01	1.59E+00	1.72E+01	1.24E+00	1.01E+01	8.64E-01	6.03E+00	5.09E-01	6.16E-01	3.03E-02	3.87E-09	1.91E-10
8.48E+00	8.40E-01	5.79E+01	4.42E+00	3.55E+01	2.64E+00	2.75E+01	1.85E+00	1.33E+01	1.71E+00	8.58E+00	9.22E-01	5.27E+00	5.15E-01	5.34E-01	3.46E-02	3.36E-09	2.18E-10
6.02E+00	9.33E-01	4.18E+01	5.88E+00	2.58E+01	3.52E+00	2.01E+01	2.52E+00	1.45E+01	2.13E+00	6.61E+00	1.19E+00	3.79E+00	6.21E-01	3.92E-01	4.72E-02	2.46E-09	2.97E-10

Scenario 2 Results

1.08E+01	1.07E+00	5.72E+01	7.09E+00	3.55E+01	4.23E+00	2.67E+01	3.13E+00	1.48E+01	2.26E+00	7.99E+00	1.39E+00	4.74E+00	7.60E-01	5.22E-01	5.88E-02	3.29E-09	3.70E-10
2.54E+01	1.27E+00	5.43E+01	7.39E+00	3.35E+01	4.39E+00	2.61E+01	3.37E+00	1.10E+01	1.97E+00	1.56E+01	1.39E+00	9.35E+00	7.96E-01	5.16E-01	6.37E-02	3.24E-09	4.01E-10
2.21E+01	1.15E+00	3.41E+01	6.28E+00	2.11E+01	3.76E+00	1.67E+01	2.94E+00	9.00E+00	1.43E+00	1.38E+01	1.06E+00	7.90E+00	6.36E-01	3.32E-01	5.64E-02	2.09E-09	3.55E-10
9.73E+00	8.50E-01	3.27E+01	4.48E+00	2.06E+01	2.68E+00	1.45E+01	2.05E+00	1.21E+01	1.42E+00	6.62E+00	8.71E-01	3.53E+00	4.81E-01	2.80E-01	3.99E-02	1.75E-09	2.51E-10
1.14E+01	9.39E-01	5.01E+01	4.56E+00	3.12E+01	2.73E+00	2.29E+01	2.07E+00	1.56E+01	1.68E+00	8.00E+00	9.96E-01	4.51E+00	5.22E-01	4.41E-01	3.92E-02	2.76E-09	2.47E-10
1.52E+01	1.28E+00	6.38E+01	5.46E+00	3.94E+01	3.25E+00	2.97E+01	2.43E+00	1.75E+01	1.74E+00	9.86E+00	1.15E+00	5.77E+00	6.48E-01	5.74E-01	4.52E-02	3.60E-09	2.85E-10
1.58E+01	1.31E+00	7.03E+01	5.82E+00	4.34E+01	3.50E+00	3.30E+01	2.67E+00	1.77E+01	1.61E+00	1.04E+01	1.27E+00	6.19E+00	7.22E-01	6.43E-01	5.09E-02	4.03E-09	3.20E-10
1.05E+01	1.20E+00	6.80E+01	6.30E+00	4.21E+01	3.77E+00	3.21E+01	2.90E+00	1.64E+01	1.73E+00	9.52E+00	1.14E+00	5.78E+00	6.53E-01	6.29E-01	5.56E-02	3.94E-09	3.50E-10
8.28E+00	1.19E+00	5.87E+01	5.88E+00	3.64E+01	3.58E+00	2.78E+01	2.78E+00	1.40E+01	2.09E+00	7.90E+00	1.19E+00	4.83E+00	6.07E-01	5.46E-01	5.43E-02	3.42E-09	3.41E-10
7.38E+00	1.24E+00	5.06E+01	6.22E+00	3.15E+01	3.73E+00	2.42E+01	2.70E+00	1.16E+01	2.21E+00	6.46E+00	1.25E+00	4.02E+00	6.66E-01	4.75E-01	5.22E-02	2.99E-09	3.28E-10
5.84E+00	1.25E+00	4.11E+01	7.12E+00	2.56E+01	4.30E+00	1.98E+01	3.17E+00	1.13E+01	2.28E+00	6.31E+00	1.27E+00	3.64E+00	6.98E-01	3.90E-01	6.00E-02	2.45E-09	3.77E-10
5.58E+00	1.37E+00	4.18E+01	8.08E+00	2.58E+01	4.93E+00	1.96E+01	3.70E+00	1.25E+01	2.50E+00	6.67E+00	1.35E+00	3.77E+00	7.18E-01	3.78E-01	7.14E-02	2.38E-09	4.49E-10
7.22E+00	1.71E+00	4.55E+01	8.71E+00	2.81E+01	5.29E+00	2.06E+01	3.94E+00	1.53E+01	2.54E+00	8.13E+00	1.44E+00	4.35E+00	8.06E-01	4.02E-01	7.56E-02	2.53E-09	4.76E-10
8.58E+00	1.90E+00	5.82E+01	9.13E+00	3.56E+01	5.55E+00	2.59E+01	4.23E+00	2.03E+01	2.85E+00	1.08E+01	1.67E+00	5.89E+00	8.41E-01	5.02E-01	8.15E-02	3.16E-09	5.13E-10
8.94E+00	1.90E+00	7.21E+01	8.33E+00	4.42E+01	5.04E+00	3.26E+01	3.88E+00	2.31E+01	3.70E+00	1.24E+01	2.03E+00	6.94E+00	1.01E+00	6.19E-01	7.44E-02	3.89E-09	4.68E-10
8.53E+00	1.69E+00	7.78E+01	1.13E+01	4.78E+01	6.83E+00	3.55E+01	4.88E+00	2.34E+01	4.12E+00	1.28E+01	2.21E+00	7.27E+00	1.16E+00	6.80E-01	9.16E-02	4.27E-09	5.76E-10
6.03E+00	8.41E-01	1.87E+01	6.97E+00	1.14E+01	4.22E+00	8.28E+00	3.11E+00	6.39E+00	2.17E+00	3.74E+00	1.23E+00	2.29E+00	6.78E-01	1.58E-01	5.92E-02	9.92E-10	3.73E-10
6.58E+00	9.17E-01	1.86E+01	7.00E+00	1.13E+01	4.22E+00	8.24E+00	3.12E+00	6.06E+00	2.16E+00	4.01E+00	1.29E+00	2.46E+00	7.10E-01	1.57E-01	5.93E-02	9.89E-10	3.73E-10
7.13E+00	9.73E-01	1.82E+01	6.78E+00	1.12E+01	4.06E+00	8.03E+00	3.04E+00	6.60E+00	2.05E+00	4.27E+00	1.30E+00	2.63E+00	7.23E-01	1.54E-01	5.73E-02	9.68E-10	3.61E-10
7.36E+00	9.83E-01	1.91E+01	6.24E+00	1.16E+01	3.71E+00	8.26E+00	2.82E+00	6.77E+00	1.87E+00	4.32E+00	1.24E+00	2.67E+00	7.02E-01	1.59E-01	5.27E-02	9.98E-10	3.32E-10
7.95E+00	9.66E-01	1.87E+01	5.87E+00	1.15E+01	3.53E+00	8.26E+00	2.52E+00	7.41E+00	2.04E+00	4.73E+00	1.14E+00	2.86E+00	6.52E-01	1.58E-01	4.80E-02	9.95E-10	3.02E-10
8.81E+00	9.19E-01	1.96E+01	6.09E+00	1.20E+01	3.63E+00	8.36E+00	2.63E+00	7.82E+00	2.15E+00	5.14E+00	1.16E+00	3.14E+00	6.15E-01	1.59E-01	5.00E-02	1.00E-09	3.14E-10
8.95E+00	9.42E-01	2.18E+01	6.69E+00	1.32E+01	3.97E+00	9.61E+00	2.88E+00	7.37E+00	2.23E+00	5.12E+00	1.29E+00	3.15E+00	6.78E-01	1.88E-01	5.43E-02	1.18E-09	3.42E-10
7.85E+00	1.06E+00	2.72E+01	6.86E+00	1.71E+01	4.03E+00	1.24E+01	3.01E+00	9.86E+00	2.06E+00	4.39E+00	1.37E+00	2.72E+00	7.49E-01	2.42E-01	5.66E-02	1.52E-09	3.56E-10
5.65E+00	1.10E+00	3.89E+01	6.20E+00	2.44E+01	3.67E+00	1.76E+01	2.78E+00	1.22E+01	2.18E+00	5.18E+00	1.30E+00	2.88E+00	7.41E-01	3.46E-01	5.16E-02	2.18E-09	3.25E-10
5.11E+00	1.14E+00	5.29E+01	6.85E+00	3.32E+01	4.02E+00	2.42E+01	2.96E+00	1.60E+01	2.22E+00	6.87E+00	1.39E+00	3.87E+00	7.48E-01	4.75E-01	5.53E-02	2.99E-09	3.48E-10
5.96E+00	1.37E+00	5.96E+01	6.39E+00	3.73E+01	3.70E+00	2.73E+01	2.83E+00	1.83E+01	1.96E+00	8.64E+00	1.50E+00	4.88E+00	8.34E-01	5.30E-01	5.15E-02	3.33E-09	3.24E-10
6.19E+00	1.48E+00	7.00E+01	5.17E+00	4.36E+01	2.91E+00	3.24E+01	2.31E+00	2.01E+01	1.52E+00	1.01E+01	1.43E+00	5.84E+00	8.11E-01	6.30E-01	4.06E-02	3.96E-09	2.56E-10
6.22E+00	1.26E+00	7.28E+01	3.63E+00	4.51E+01	2.20E+00	3.41E+01	1.70E+00	1.91E+01	1.19E+00	1.05E+01	1.12E+00	6.20E+00	6.46E-01	6.63E-01	3.25E-02	4.17E-09	2.04E-10
7.35E+00	7.97E-01	6.53E+01	3.76E+00	4.02E+01	2.15E+00	3.10E+01	1.62E+00	1.51E+01	1.48E+00	9.21E+00	8.78E-01	5.65E+00	4.78E-01	6.05E-01	2.98E-02	3.80E-09	1.88E-10
5.81E+00	8.35E-01	4.81E+01	5.05E+00	2.96E+01	3.03E+00	2.32E+01	2.09E+00	1.07E+01	1.99E+00	6.44E+00	9.92E-01	4.11E+00	5.17E-01	4.56E-01	3.94E-02	2.86E-09	2.48E-10
5.56E+00	8.86E-01	4.31E+01	6.43E+00	2.68E+01	3.82E+00	2.01E+01	2.76E+00	1.13E+01	2.17E+00	5.69E+00	1.24E+00	3.36E+00	6.48E-01	3.95E-01	5.22E-02	2.48E-09	3.28E-10
1.96E+01	9.82E-01	4.29E+01	6.88E+00	2.66E+01	4.07E+00	2.07E+01	3.09E+00	9.23E+00	1.84E+00	1.24E+01	1.26E+00	7.40E+00	7.10E-01	4.12E-01	5.89E-02	2.59E-09	3.71E-10
1.50E+01	8.12E-01	3.04E+01	5.74E+00	1.87E+01	3.44E+00	1.41E+01	2.68E+00	8.19E+00	1.39E+00	9.67E+00	9.15E-01	5.38E+00	5.47E-01	2.73E-01	5.19E-02	1.71E-09	3.26E-10
6.93E+00	6.80E-01	2.96E+01	4.40E+00	1.88E+01	2.62E+00	1.30E+01	1.93E+00	1.15E+01	1.53E+00	4.91E+00	8.41E-01	2.62E+00	4.55E-01	2.52E-01	3.64E-02	1.57E-09	2.29E-10
1.22E+01	9.57E-01	4.81E+01	4.52E+00	2.99E+01	2.66E+00	2.20E+01	1.97E+00	1.49E+01	1.81E+00	7.46E+00	1.06E+00	4.47E+00	5.43E-01	4.25E-01	3.79E-02	2.66E-09	2.38E-10
1.80E+01	1.39E+00	6.07E+01	5.68E+00	3.75E+01	3.38E+00	2.83E+01	2.53E+00	1.61E+01	1.72E+00	1.15E+01	1.23E+00	6.93E+00	6.89E-01	5.49E-01	4.76E-02	3.45E-09	3.00E-10
1.43E+01	1.38E+00	6.33E+01	5.66E+00	3.90E+01	3.41E+00	2.98E+01	2.61E+00	1.53E+01	1.60E+00	9.78E+00	1.19E+00	5.74E+00	6.70E-01	5.83E-01	5.02E-02	3.66E-09	3.16E-10
1.05E+01	1.50E+00	5.79E+01	5.25E+00	3.58E+01	3.17E+00	2.74E+01	2.44E+00	1.39E+01	2.19E+00	7.76E+00	1.28E+00	4.76E+00	6.20E-01	5.39E-01	4.73E-02	3.38E-09	2.98E-10
9.02E+00	1.33E+00	5.20E+01	5.71E+00	3.24E+01	3.35E+00	2.48E+01	2.48E+00	1.20E+01	2.47E+00	6.56E+00	1.34E+00	4.07E+00	6.73E-01	4.88E-01	4.76E-02	3.07E-09	2.99E-10
6.93E+00	1.34E+00	4.36E+01	6.94E+00	2.72E+01	4.17E+00	2.09E+01	3.01E+00	9.93E+00	2.43E+00	5.66E+00	1.32E+00	3.38E+00	6.98E-01	4.13E-01	5.65E-02	2.60E-09	3.55E-10
6.47E+00	1.71E+00	3.96E+01	7.28E+00	2.44E+01	4.43E+00	1.84E+01	3.28E+00	1.12E+01	2.30E+00	6.19E+00	1.22E+00	3.64E+00	6.69E-01	3.55E-01	6.28E-02	2.23E-09	3.95E-10
6.49E+00	1.92E+00	4.25E+01	7.79E+00	2.63E+01	4.74E+00	1.99E+01	3.59E+00	1.38E+01	2.27E+00	7.46E+00	1.41E+00	4.11E+00	6.87E-01	3.86E-01	6.98E-02	2.42E-09	4.39E-10
8.39E+00	2.01E+00	5.35E+01	8.29E+00	3.28E+01	5.04E+00	2.41E+01	3.82E+00	1.97E+01	2.71E+00	1.02E+01	1.68E+00	5.50E+00	7.61E-01	4.62E-01	7.39E-02	2.90E-09	4.65E-10
8.99E+00	1.90E+00	7.05E+01	8.00E+00	4.34E+01	4.72E+00	3.17E+01	3.60E+00	2.36E+01	3.65E+00	1.23E+01	1.95E+00	6.80E+00	9.12E-01	6.01E-01	6.96E-02	3.78E-09	4.38E-10
9.06E+00	1.64E+00	7.87E+01	1.08E+01	4.86E+01	6.49E+00	3.57E+01	4.53E+00	2.48E+01	4.20E+00	1.30E+01	2.14E+00	7.25E+00	1.08E+00	6.84E-01	8.49E-02	4.30E-09	5.34E-10
9.67E+00	1.45E+00	7.87E+01	1.26E+01	4.86E+01	7.70E+00	3.60E+01	5.57E+00	2.34E+01	4.09E+00	1.24E+01	2.08E+00	7.05E+00	1.11E+00	6.94E-01	1.07E-01	4.36E-09	6.74E-10
4.47E+00	7.87E-01	1.96E+01	6.64E+00	1.22E+01	4.03E+00	8.58E+00	2.93E+00	7.25E+00	2.14E+00	3.25E+00	1.11E+00	1.77E+00	5.97E-01	1.64E-01	5.62E-02	1.03E-09	3.53E-10
5.23E+00	8.03E-01	2.01E+01	7.14E+00	1.24E+01	4.33E+00	8.75E+00	3.14E+00	7.46E+00	2.31E+00	3.50E+00	1.23E+00	2.05E+00	6.61E-01	1.67E-01	6.01E-02	1.05E-09	3.78E-10
6.13E+00	8.93E-01	1.94E+01	7.44E+00	1.19E+01	4.49E+00	8.46E+00	3.28E+00	7.08E+00	2.37E+00	3.88E+00	1.32E+00	2.36E+00	7.16E-01	1.60E-01	6.26E-02	1.01E-09	3.94E-10
7.00E+00	9.55E-01	1.85E+01	7.38E+00	1.14E+01	4.44E+00	8.32E+00	3.28E+00	6.24E+00	2.29E+00	4.33E+00	1.36E+00	2.65E+00	7.46E-01	1.59E-01	6.22E-02	1.00E-09	3.91E-10
7.56E+00	1.01E+00	1.87E+01	6.91E+00	1.14E+01	4.12E+00	8.40E+00	3.08E+00	6.62E+00	2.10E+00	4.57E+00	1.35E+00	2.81E+00	7.47E-01	1.61E-01	5.80E-02	1.01E-09	3.65E-10
8.02E+00	1.04E+00	1.85E+01	6.10E+00	1.14E+01	3.59E+00	8.29E+00	2.73E+00	7.18E+00	1.94E+00	4.72E+00	1.29E+00	2.91E+00	7.20E-01	1.60E-01	5.09E-02	1.01E-09	3.20E-10
8.18E+00	1.04E+00	1.86E+01	5.79E+00	1.14E+01	3.43E+00	8.33E+00	2.45E+00	7.63E+00	1.98E+00	4.89E+00	1.17E+00	2.96E+00	6.67E-01	1.62E-01	4.66E-02	1.02E-09	2.93E-10
9.21E+00	1.00E+00	2.18E+01	6.14E+00	1.32E+01	3.61E+00	9.49E+00	2.59E+00	7.31E+00	2.09E+00	5.36E+00	1.19E+00	3.29E+00	6.20E-01	1.83E-01	4.90E-02	1.15E-09	3.08E-10
9.19E+00	1.04E+00	2.77E+01	6.09E+00	1.75E+01	3.51E+00	1.25E+01	2.59E+00	9.08E+00	1.92E+00	5.19E+00	1.30E+00	3.22E+00	6.92E-01	2.45E-01	4.83E-02	1.54E-09	3.04E-10
7.41E+00	1.19E+00	3.84E+01	4.97E+00	2.42E+01	2.75E+00	1.75E+01	2.14E+00	1.24E+01	1.73E+00	5.37E+00	1.26E+00	2.97E+00	6.94E-01	3.41E-01	3.90E-02	2.14E-09	2.45E-10
5.29E+00	1.28E+00	5.16E+01	4.60E+00	3.25E+01	2.64E+00	2.36E+01	1.83E+00	1.62E+01	1.91E+00	7.17E+00	1.16E+00	4.02E+00	6.33E-01	4.60E-01	3.31E-02	2.89E-09	2.09E-10
6.20E+00	1.26E+00	6.36E+01	4.78E+00	3.99E+01	2.70E+00	2.93E+01	1.99E+00	1.90E+01	1.75E+00	8.78E+00	1.36E+00	5.01E+00	7.14E-01	5.72E-01	3.52E-02	3.59E-09	2.22E-10
6.02E+00	1.30E+00	7.06E+01	3.98E+00	4.40E+01	2.19E+00	3.29E+01	1.72E+00	1.90E+01	1.20E+00	9.55E+00	1.27E+00	5.62E+00	7.00E-01	6.45E-01	3.23E-02	4.05E-09	2.03E-10
3.96E+00	9.06E-01	6.68E+01	3.41E+00	4.14E+01	1.97E+00	3.18E+01	1.50E+00	1.52E+01	1.11E+00	8.68E+00	8.46E-01	5.36E+00	4.84E-01	6.25E-01	2.91E-02	3.93E-09	1.83E-10
2.98E+00	5.79E-01	4.92E+01	3.93E+00	3.04E+01	2.34E+00	2.39E+01	1.57E+00	9.25E+00	1.63E+00	6.03E+00	7.87E-01	3.93E+00	4.26E-01	4.72E-01	2.98E-02	2.97E-09	1.88E-10
2.96E+00	6.59E-01	3.07E+01	5.47E+00	1.89E+01	3.23E+00	1.41E+01	2.29E+00	8.66E+00	1.88E+00	4.66E+00	9.99E-01	2.68E+00	5.06E-01	2.74E-01	4.37E-02	1.72E-09	2.75E-10
1.05E+01	6.26E-01	2.90E+01	6.14E+00	1.79E+01	3.60E+00	1.34E+01	2.73E+00	7.95E+00	1.55E+00	7.02E+00	1.07E+00	4.18E+00	5.96E-01	2.60E-01	5.26E-02	1.63E-09	3.31E-10
8.12E+00	5.30E-01	2.60E+01	4.98E+00	1.60E+01	2.98E+00	1.21E+01	2.33E+00	7.02E+00	1.27E+00	5.22E+00	8.19E-01	2.75E+00	4.47E-01	2.34E-01	4.55E-02	1.47E-09	2.86E-10
6.72E+00	6.03E-01	2.37E+01	4.09E+00	1.43E+01	2.41E+00	1.10E+01	1.78E+00	9.25E+00	1.51E+00	4.31E+00	7.24E-01	2.55E+00	3.90E-01	2.14E-01	3.42E-02	1.34E-09	2.15E-10
8.37E+00	7.72E-01	4.01E+01	4.39E+00	2.50E+01	2.57E+00	1.83E+01	1.79E+00	1.23E+01	1.70E+00	6.05E+00	9.55E-01	3.47E+00	4.74E-01	3.56E-01	3.45E-02	2.23E-09	2.17E-10
1.39E+01	1.25E+00	5.18E+01	5.29E+00	3.20E+01	3.16E+00	2.42E+01	2.35E+00	1.31E+01	1.64E+00	9.81E+00	1.09E+00	5.76E+00	5.94E-01	4.73E-01	4.52E-02	2.97E-09	2.85E-10
1.12E+01	1.67E+00	5.18E+01	4.82E+00	3.20E+01	2.90E+00	2.45E+01	2.22E+00	1.20E+01	1.95E+00	7.38E+00	1.30E+00	4.25E+00	6.21E-01	4.82E-01	4.31E-02	3.03E-09	2.71E-10
9.73E+00	1.54E+00	4.70E+01	5.05E+00	2.93E+01	3.01E+00	2.23E+01	2.25E+00	1.12E+01	2.40E+00	6.84E+00	1.39E+00	3.57E+00	6.74E-01	4.40E-01	4.32E-02	2.76E-09	2.72E-10
6.95E+00	1.61E+00	4.22E+01	6.05E+00	2.63E+01	3.57E+00	2.02E+01	2.48E+00	9.31E+00	2.50E+00	5.10E+00	1.32E+00	3.20E+00	6.63E-01	4.00E-01	4.54E-02	2.51E-09	2.86E-10
7.52E+00	2.17E+00	3.37E+01	6.62E+00	2.10E+01	3.98E+00	1.63E+01	2.87E+00	9.88E+00	2.27E+00	5.41E+00	1.46E+00	3.14E+00	8.21E-01	3.22E-01	5.43E-02	2.03E-09	3.42E-10
5.86E+00	2.11E+00	3.90E+01	6.72E+00	2.41E+01	4.10E+00	1.83E+01	3.04E+00	1.19E+01	1.95E+00	6.45E+00	1.56E+00	3.51E+00	7.90E-01	3.56E-01	5.87E-02	2.24E-09	3.69E-10
7.16E+00	1.89E+00	4.57E+01	6.48E+00	2.81E+01	3.99E+00	2.08E+01	3.01E+00	1.72E+01	2.06E+00	8.09E+00	1.54E+00	4.38E+00	6.99E-01	4.01E-01	5.88E-02	2.52E-09	3.70E-10
8.03E+00	1.64E+00	6.12E+01	6.24E+00	3.78E+01	3.73E+00	2.71E+01	2.87E+00	2.20E+01	2.85E+00	1.09E+01	1.57E+00	5.86E+00	6.92E-01	5.13E-01	5.48E-02	3.23E-09	3.45E-10
9.37E+00	1.32E+00	7.28E+01	7.32E+00	4.50E+01	4.28E+00	3.29E+01	3.20E+00	2.35E+01	3.21E+00	1.19E+01	1.60E+00	6.62E+00	7.47E-01	6.30E-01	6.17E-02	3.96E-09	3.88E-10
1.03E+01	1.31E+00	7.33E+01	9.38E+00	4.54E+01	5.67E+00	3.34E+01	4.03E+00	2.25E+01	3.21E+00	1.15E+01	1.58E+00	6.45E+00	8.13E-01	6.44E-01	7.75E-02	4.05E-09	4.87E-10
1.03E+01	1.25E+00	6.71E+01	9.73E+00	4.16E+01	5.96E+00	3.08E+01	4.39E+00	2.31E+01	2.81E+00	1.21E+01	1.41E+00	6.46E+00	7.82E-01	5.96E-01	8.55E-02	3.75E-09	5.38E-10
4.50E+00	7.59E-01	1.76E+01	5.87E+00	1.08E+01	3.55E+00	8.07E+00	2.61E+00	6.39E+00	1.82E+00	3.26E+00	9.99E-01	1.71E+00	5.48E-01	1.55E-01	5.00E-02	9.75E-10	3.14E-10
4.56E+00	7.98E-01	1.87E+01	6.09E+00	1.17E+01	3.71E+00	8.18E+00	2.66E+00	7.27E+00	2.02E+00	3.25E+00	1.06E+00	1.72E+00	5.79E-01	1.56E-01	5.13E-02	9.83E-10	3.23E-10
4.55E+00	8.25E-01	2.00E+01	6.78E+00	1.24E+01	4.11E+00	8.60E+00	2.96E+00	7.81E+00	2.23E+00	3.35E+00	1.12E+00	1.80E+00	6.00E-01	1.65E-01	5.70E-02	1.04E-09	3.58E-10
4.46E+00	8.34E-01	2.04E+01	7.25E+00	1.26E+01	4.39E+00	8.73E+00	3.17E+00	8.02E+00	2.37E+00	3.60E+00	1.24E+00	1.83E+00	6.57E-01	1.66E-01	6.07E-02	1.04E-09	3.82E-10
5.40E+00	8.85E-01	1.95E+01	7.42E+00	1.19E+01	4.46E+00	8.30E+00	3.24E+00	7.54E+00	2.41E+00	3.69E+00	1.33E+00	2.14E+00	7.06E-01	1.58E-01	6.18E-02	9.92E-10	3.89E-10
6.47E+00	9.59E-01	1.88E+01	7.22E+00	1.14E+01	4.30E+00	8.28E+00	3.15E+00	6.27E+00	2.29E+00	4.11E+00	1.37E+00	2.51E+00	7.34E-01	1.58E-01	5.98E-02	9.92E-10	3.76E-10
7.45E+00	1.02E+00	1.98E+01	6.55E+00	1.22E+01	3.84E+00	8.73E+00	2.87E+00	6.72E+00	1.99E+00	4.57E+00	1.35E+00	2.81E+00	7.35E-01	1.68E-01	5.38E-02	1.06E-09	3.39E-10
8.32E+00	1.07E+00	2.00E+01	5.44E+00	1.22E+01	3.12E+00	8.82E+00	2.40E+00	6.95E+00	1.81E+00	4.91E+00	1.28E+00	3.03E+00	7.06E-01	1.69E-01	4.41E-02	1.07E-09	2.78E-10
8.33E+00	1.08E+00	2.12E+01	4.76E+00	1.29E+01	2.73E+00	9.45E+00	1.95E+00	6.91E+00	1.76E+00	4.73E+00	1.12E+00	2.94E+00	6.32E-01	1.81E-01	3.65E-02	1.14E-09	2.29E-10
8.94E+00	1.02E+00	2.63E+01	4.29E+00	1.67E+01	2.37E+00	1.20E+01	1.70E+00	8.45E+00	1.58E+00	5.17E+00	1.08E+00	3.18E+00	5.72E-01	2.35E-01	3.21E-02	1.48E-09	2.02E-10
8.24E+00	1.08E+00	3.65E+01	3.78E+00	2.31E+01	1.98E+00	1.66E+01	1.55E+00	1.17E+01	1.63E+00	4.88E+00	1.13E+00	2.84E+00	6.06E-01	3.26E-01	2.77E-02	2.05E-09	1.74E-10
5.12E+00	1.13E+00	4.85E+01	3.76E+00	3.06E+01	2.15E+00	2.23E+01	1.40E+00	1.46E+01	1.82E+00	6.35E+00	1.02E+00	3.61E+00	5.78E-01	4.38E-01	2.66E-02	2.76E-09	1.67E-10
5.13E+00	8.60E-01	5.75E+01	3.85E+00	3.61E+01	2.15E+00	2.69E+01	1.51E+00	1.52E+01	1.45E+00	7.25E+00	1.08E+00	4.30E+00	5.35E-01	5.31E-01	2.82E-02	3.34E-09	1.78E-10
3.04E+00	6.21E-01	5.61E+01	2.91E+00	3.49E+01	1.69E+00	2.69E+01	1.32E+00	1.21E+01	9.58E-01	6.73E+00	8.26E-01	4.25E+00	4.49E-01	5.33E-01	2.58E-02	3.35E-09	1.62E-10
3.06E+00	3.99E-01	3.98E+01	2.94E+00	2.46E+01	1.71E+00	1.94E+01	1.24E+00	7.24E+00	1.12E+00	4.62E+00	5.81E-01	3.08E+00	3.04E-01	3.86E-01	2.39E-02	2.43E-09	1.50E-10
3.48E+00	4.65E-01	2.48E+01	3.74E+00	1.53E+01	2.18E+00	1.14E+01	1.50E+00	6.90E+00	1.37E+00	3.78E+00	6.76E-01	2.18E+00	3.27E-01	2.21E-01	2.87E-02	1.39E-09	1.81E-10
3.85E+00	4.21E-01	2.30E+01	4.33E+00	1.42E+01	2.51E+00	1.07E+01	1.90E+00	6.24E+00	1.06E+00	3.60E+00	7.47E-01	2.08E+00	4.12E-01	2.06E-01	3.67E-02	1.30E-09	2.31E-10

Scenario 2 Results

4.14E+00	3.97E-01	2.02E+01	3.35E+00	1.23E+01	1.99E+00	9.36E+00	1.56E+00	6.10E+00	9.85E-01	3.82E+00	5.97E-01	2.01E+00	3.26E-01	1.83E-01	3.06E-02	1.15E-09	1.92E-10
4.32E+00	5.35E-01	1.91E+01	3.06E+00	1.15E+01	1.78E+00	8.93E+00	1.33E+00	7.48E+00	1.25E+00	4.00E+00	5.89E-01	2.08E+00	2.74E-01	1.75E-01	2.59E-02	1.10E-09	1.63E-10
5.60E+00	7.11E-01	2.48E+01	3.50E+00	1.55E+01	2.00E+00	1.13E+01	1.41E+00	8.62E+00	1.44E+00	4.65E+00	7.11E-01	2.69E+00	3.56E-01	2.21E-01	2.67E-02	1.38E-09	1.68E-10
8.25E+00	1.35E+00	3.37E+01	4.21E+00	2.08E+01	2.50E+00	1.58E+01	1.89E+00	8.28E+00	1.63E+00	5.61E+00	1.08E+00	2.96E+00	4.91E-01	3.11E-01	3.68E-02	1.95E-09	2.32E-10
7.63E+00	1.43E+00	3.32E+01	4.33E+00	2.05E+01	2.56E+00	1.57E+01	1.86E+00	7.89E+00	2.08E+00	5.77E+00	1.27E+00	2.67E+00	5.83E-01	3.13E-01	3.58E-02	1.96E-09	2.25E-10
5.19E+00	1.37E+00	3.28E+01	4.85E+00	2.05E+01	2.76E+00	1.57E+01	1.96E+00	9.16E+00	2.18E+00	4.17E+00	1.20E+00	2.42E+00	5.72E-01	3.11E-01	3.84E-02	1.95E-09	2.42E-10
5.02E+00	2.07E+00	2.88E+01	5.55E+00	1.80E+01	3.28E+00	1.39E+01	2.33E+00	9.35E+00	2.02E+00	4.09E+00	1.51E+00	2.33E+00	8.31E-01	2.76E-01	4.37E-02	1.74E-09	2.75E-10
4.91E+00	1.89E+00	2.92E+01	5.57E+00	1.80E+01	3.42E+00	1.37E+01	2.47E+00	9.43E+00	1.88E+00	5.03E+00	1.47E+00	2.64E+00	7.31E-01	2.65E-01	4.71E-02	1.67E-09	2.97E-10
6.26E+00	1.51E+00	3.70E+01	5.57E+00	2.30E+01	3.45E+00	1.71E+01	2.53E+00	1.27E+01	1.69E+00	6.14E+00	1.26E+00	3.34E+00	5.60E-01	3.32E-01	4.90E-02	2.09E-09	3.08E-10
7.46E+00	1.14E+00	4.50E+01	5.22E+00	2.76E+01	3.08E+00	2.06E+01	2.37E+00	1.73E+01	1.76E+00	7.45E+00	1.07E+00	4.13E+00	5.30E-01	3.96E-01	4.50E-02	2.49E-09	2.83E-10
8.82E+00	1.18E+00	5.51E+01	5.44E+00	3.43E+01	3.28E+00	2.45E+01	2.42E+00	1.97E+01	1.90E+00	9.11E+00	9.78E-01	4.84E+00	5.10E-01	4.75E-01	4.71E-02	2.98E-09	2.96E-10
9.87E+00	1.24E+00	6.01E+01	5.85E+00	3.74E+01	3.48E+00	2.72E+01	2.56E+00	1.92E+01	1.89E+00	9.41E+00	1.05E+00	5.12E+00	5.42E-01	5.26E-01	4.93E-02	3.31E-09	3.10E-10
9.82E+00	1.29E+00	5.71E+01	6.18E+00	3.59E+01	3.74E+00	2.60E+01	2.80E+00	2.06E+01	1.95E+00	1.09E+01	1.14E+00	5.69E+00	6.15E-01	5.04E-01	5.45E-02	3.16E-09	3.43E-10
9.21E+00	1.30E+00	6.17E+01	6.00E+00	3.86E+01	3.63E+00	2.82E+01	2.67E+00	2.16E+01	1.85E+00	1.16E+01	1.20E+00	6.30E+00	6.64E-01	5.48E-01	5.21E-02	3.43E-09	3.28E-10
2.93E+00	8.04E-01	1.87E+01	5.36E+00	1.16E+01	3.26E+00	8.78E+00	2.38E+00	6.40E+00	1.67E+00	3.55E+00	9.73E-01	1.89E+00	5.46E-01	1.69E-01	4.58E-02	1.06E-09	2.88E-10
2.93E+00	8.19E-01	1.93E+01	5.67E+00	1.18E+01	3.44E+00	8.59E+00	2.51E+00	6.35E+00	1.78E+00	3.48E+00	9.49E-01	1.85E+00	5.34E-01	1.64E-01	4.82E-02	1.03E-09	3.03E-10
3.40E+00	8.16E-01	1.95E+01	5.87E+00	1.20E+01	3.53E+00	8.67E+00	2.59E+00	6.40E+00	1.82E+00	3.39E+00	1.00E+00	1.86E+00	5.42E-01	1.66E-01	4.96E-02	1.05E-09	3.12E-10
3.79E+00	7.91E-01	1.98E+01	5.89E+00	1.21E+01	3.52E+00	8.78E+00	2.59E+00	7.18E+00	1.92E+00	3.37E+00	1.04E+00	1.84E+00	5.63E-01	1.68E-01	4.93E-02	1.05E-09	3.10E-10
3.92E+00	7.79E-01	1.92E+01	6.34E+00	1.17E+01	3.83E+00	8.48E+00	2.73E+00	7.85E+00	2.14E+00	3.43E+00	1.07E+00	1.85E+00	5.76E-01	1.61E-01	5.26E-02	1.01E-09	3.31E-10
3.80E+00	8.09E-01	1.91E+01	6.78E+00	1.17E+01	4.07E+00	8.37E+00	2.91E+00	7.98E+00	2.29E+00	3.49E+00	1.16E+00	1.87E+00	5.98E-01	1.60E-01	5.58E-02	1.01E-09	3.51E-10
3.71E+00	8.41E-01	1.92E+01	6.87E+00	1.16E+01	4.08E+00	8.46E+00	2.93E+00	7.35E+00	2.29E+00	3.45E+00	1.25E+00	1.86E+00	6.45E-01	1.61E-01	5.58E-02	1.01E-09	3.51E-10
4.88E+00	9.16E-01	1.98E+01	6.45E+00	1.22E+01	3.77E+00	8.88E+00	2.74E+00	6.95E+00	2.10E+00	3.47E+00	1.29E+00	1.99E+00	6.71E-01	1.70E-01	5.17E-02	1.07E-09	3.25E-10
6.25E+00	9.65E-01	2.09E+01	5.52E+00	1.28E+01	3.15E+00	9.39E+00	2.35E+00	6.98E+00	1.70E+00	3.97E+00	1.25E+00	2.42E+00	6.65E-01	1.81E-01	4.36E-02	1.14E-09	2.75E-10
7.38E+00	9.65E-01	2.14E+01	4.25E+00	1.30E+01	2.35E+00	9.62E+00	1.83E+00	6.56E+00	1.40E+00	4.41E+00	1.14E+00	2.72E+00	6.26E-01	1.84E-01	3.33E-02	1.16E-09	2.09E-10
7.47E+00	9.23E-01	2.02E+01	3.35E+00	1.22E+01	1.82E+00	9.00E+00	1.34E+00	5.79E+00	1.23E+00	4.21E+00	9.45E-01	2.62E+00	5.35E-01	1.76E-01	2.47E-02	1.10E-09	1.55E-10
6.64E+00	7.83E-01	2.67E+01	2.75E+00	1.68E+01	1.49E+00	1.24E+01	1.16E+00	7.44E+00	1.51E+00	3.78E+00	8.03E-01	2.34E+00	4.33E-01	2.45E-01	2.17E-02	1.54E-09	1.37E-10
5.15E+00	5.49E-01	3.27E+01	3.14E+00	2.05E+01	1.77E+00	1.54E+01	1.09E+00	8.02E+00	1.53E+00	3.91E+00	7.29E-01	2.39E+00	3.51E-01	3.06E-01	2.03E-02	1.92E-09	1.28E-10
3.18E+00	3.72E-01	3.17E+01	2.80E+00	1.97E+01	1.53E+00	1.53E+01	1.12E+00	6.54E+00	7.87E-01	3.67E+00	6.92E-01	2.36E+00	3.50E-01	3.03E-01	2.14E-02	1.91E-09	1.35E-10
3.52E+00	2.52E-01	2.09E+01	1.57E+00	1.30E+01	9.22E-01	1.02E+01	6.95E-01	5.22E+00	5.97E-01	2.87E+00	4.37E-01	1.66E+00	2.48E-01	2.03E-01	1.30E-02	1.28E-09	8.21E-11
4.04E+00	2.66E-01	1.77E+01	1.71E+00	1.09E+01	9.82E-01	8.15E+00	6.19E-01	5.00E+00	8.03E-01	2.82E+00	3.42E-01	1.63E+00	1.55E-01	1.58E-01	1.16E-02	9.89E-10	7.31E-11
4.56E+00	3.18E-01	1.61E+01	2.07E+00	9.85E+00	1.16E+00	7.43E+00	8.46E-01	4.85E+00	7.14E-01	3.04E+00	3.95E-01	1.65E+00	2.02E-01	1.43E-01	1.63E-02	8.99E-10	1.03E-10
4.96E+00	3.89E-01	1.41E+01	1.80E+00	8.54E+00	1.02E+00	6.38E+00	7.33E-01	5.41E+00	6.73E-01	3.30E+00	3.50E-01	1.80E+00	1.76E-01	1.25E-01	1.41E-02	7.85E-10	8.85E-11
5.14E+00	4.38E-01	1.38E+01	1.50E+00	8.89E+00	8.97E-01	6.50E+00	6.67E-01	7.02E+00	8.69E-01	3.42E+00	4.04E-01	1.87E+00	1.94E-01	1.29E-01	1.31E-02	8.05E-10	8.25E-11
5.13E+00	7.79E-01	1.68E+01	2.02E+00	1.01E+01	1.16E+00	7.59E+00	7.57E-01	8.03E+00	1.21E+00	3.42E+00	6.88E-01	1.87E+00	2.87E-01	1.49E-01	1.42E-02	9.36E-10	8.96E-11
5.64E+00	9.36E-01	1.92E+01	2.53E+00	1.15E+01	1.34E+00	8.83E+00	1.01E+00	8.74E+00	1.59E+00	4.33E+00	9.33E-01	1.87E+00	3.93E-01	1.75E-01	1.98E-02	1.10E-09	1.24E-10
4.74E+00	8.70E-01	1.92E+01	3.74E+00	1.17E+01	2.09E+00	8.98E+00	1.35E+00	1.01E+01	1.90E+00	4.14E+00	8.95E-01	1.74E+00	3.95E-01	1.78E-01	2.55E-02	1.12E-09	1.61E-10
4.48E+00	8.37E-01	1.82E+01	4.20E+00	1.16E+01	2.43E+00	8.12E+00	1.70E+00	1.11E+01	1.79E+00	3.58E+00	9.17E-01	1.65E+00	4.54E-01	1.61E-01	3.22E-02	1.02E-09	2.03E-10
5.40E+00	8.79E-01	2.12E+01	3.89E+00	1.35E+01	2.30E+00	9.17E+00	1.67E+00	9.26E+00	1.60E+00	3.83E+00	9.09E-01	2.04E+00	3.83E-01	1.77E-01	3.22E-02	1.11E-09	2.02E-10
6.61E+00	9.67E-01	2.54E+01	3.91E+00	1.61E+01	2.42E+00	1.15E+01	1.72E+00	1.12E+01	1.34E+00	4.66E+00	7.68E-01	2.49E+00	3.88E-01	2.22E-01	3.33E-02	1.40E-09	2.09E-10
8.24E+00	1.05E+00	3.21E+01	3.54E+00	2.03E+01	2.10E+00	1.39E+01	1.57E+00	1.35E+01	1.26E+00	5.66E+00	8.21E-01	3.05E+00	4.06E-01	2.64E-01	2.99E-02	1.65E-09	1.88E-10
9.17E+00	1.17E+00	4.19E+01	3.72E+00	2.65E+01	2.19E+00	1.85E+01	1.61E+00	1.60E+01	1.53E+00	6.86E+00	8.63E-01	3.59E+00	4.57E-01	3.55E-01	3.07E-02	2.23E-09	1.93E-10
9.38E+00	1.36E+00	5.24E+01	4.26E+00	3.31E+01	2.55E+00	2.36E+01	1.89E+00	1.82E+01	1.72E+00	8.10E+00	1.00E+00	4.40E+00	5.48E-01	4.56E-01	3.61E-02	2.86E-09	2.27E-10
8.54E+00	1.46E+00	6.11E+01	5.20E+00	3.85E+01	3.11E+00	2.79E+01	2.23E+00	1.96E+01	1.80E+00	9.01E+00	1.11E+00	5.04E+00	5.95E-01	5.43E-01	4.23E-02	3.40E-09	2.66E-10
7.83E+00	1.43E+00	6.71E+01	5.61E+00	4.22E+01	3.39E+00	3.10E+01	2.48E+00	2.02E+01	1.76E+00	9.56E+00	1.13E+00	5.46E+00	5.93E-01	6.04E-01	4.75E-02	3.79E-09	2.99E-10
7.64E+00	1.37E+00	6.96E+01	5.52E+00	4.37E+01	3.35E+00	3.23E+01	2.48E+00	2.01E+01	1.61E+00	9.72E+00	1.15E+00	5.63E+00	5.93E-01	6.31E-01	4.79E-02	3.96E-09	3.01E-10
3.19E+00	8.04E-01	2.03E+01	5.74E+00	1.25E+01	3.41E+00	9.25E+00	2.54E+00	7.57E+00	1.73E+00	3.54E+00	1.09E+00	1.88E+00	5.98E-01	1.79E-01	4.80E-02	1.13E-09	3.02E-10
3.29E+00	8.37E-01	1.99E+01	5.59E+00	1.21E+01	3.29E+00	8.69E+00	2.47E+00	7.47E+00	1.67E+00	3.61E+00	1.10E+00	1.90E+00	6.03E-01	1.67E-01	4.64E-02	1.05E-09	2.92E-10
3.28E+00	8.45E-01	2.02E+01	5.25E+00	1.24E+01	3.07E+00	8.99E+00	2.31E+00	7.13E+00	1.62E+00	3.56E+00	1.07E+00	1.84E+00	5.91E-01	1.72E-01	4.33E-02	1.08E-09	2.72E-10
3.12E+00	8.45E-01	2.01E+01	5.18E+00	1.23E+01	3.12E+00	8.88E+00	2.27E+00	6.78E+00	1.62E+00	3.47E+00	1.03E+00	1.83E+00	5.70E-01	1.70E-01	4.37E-02	1.07E-09	2.75E-10
2.86E+00	8.40E-01	1.96E+01	5.29E+00	1.19E+01	3.16E+00	8.58E+00	2.30E+00	6.79E+00	1.64E+00	3.50E+00	9.84E-01	1.86E+00	5.45E-01	1.63E-01	4.42E-02	1.03E-09	2.78E-10
2.77E+00	8.33E-01	1.92E+01	5.27E+00	1.18E+01	3.11E+00	8.45E+00	2.27E+00	6.71E+00	1.64E+00	3.57E+00	9.31E-01	1.88E+00	5.12E-01	1.62E-01	4.35E-02	1.02E-09	2.74E-10
2.88E+00	8.51E-01	1.95E+01	5.34E+00	1.18E+01	3.19E+00	8.48E+00	2.24E+00	7.08E+00	1.86E+00	3.55E+00	9.54E-01	1.86E+00	5.01E-01	1.62E-01	4.32E-02	1.02E-09	2.72E-10
2.95E+00	8.40E-01	1.96E+01	5.71E+00	1.20E+01	3.37E+00	8.79E+00	2.36E+00	7.44E+00	2.02E+00	3.51E+00	9.95E-01	1.86E+00	5.01E-01	1.69E-01	4.52E-02	1.07E-09	2.84E-10
2.91E+00	8.10E-01	2.08E+01	5.74E+00	1.27E+01	3.33E+00	9.31E+00	2.35E+00	6.47E+00	1.97E+00	3.44E+00	1.08E+00	1.87E+00	5.36E-01	1.79E-01	4.48E-02	1.13E-09	2.82E-10
2.70E+00	7.62E-01	2.05E+01	5.16E+00	1.23E+01	2.91E+00	9.09E+00	2.11E+00	6.57E+00	1.63E+00	3.56E+00	1.08E+00	1.95E+00	5.43E-01	1.74E-01	3.99E-02	1.09E-09	2.51E-10
3.28E+00	6.92E-01	2.02E+01	3.96E+00	1.21E+01	2.19E+00	8.80E+00	1.61E+00	6.47E+00	1.21E+00	3.53E+00	9.85E-01	1.92E+00	5.04E-01	1.69E-01	3.01E-02	1.06E-09	1.89E-10
4.04E+00	5.83E-01	1.97E+01	2.74E+00	1.16E+01	1.52E+00	8.53E+00	1.12E+00	6.06E+00	1.10E+00	3.62E+00	8.23E-01	1.93E+00	4.42E-01	1.63E-01	2.07E-02	1.02E-09	1.30E-10
4.42E+00	5.10E-01	1.60E+01	2.04E+00	9.28E+00	1.14E+00	6.98E+00	9.28E-01	6.08E+00	1.01E+00	3.28E+00	6.06E-01	1.78E+00	3.42E-01	1.32E-01	1.71E-02	8.30E-10	1.08E-10
3.37E+00	3.55E-01	1.40E+01	1.99E+00	8.15E+00	1.09E+00	5.75E+00	6.87E-01	5.62E+00	9.45E-01	2.57E+00	4.22E-01	1.33E+00	2.21E-01	1.11E-01	1.31E-02	6.96E-10	8.27E-11
3.98E+00	2.43E-01	1.21E+01	1.40E+00	7.43E+00	7.68E-01	5.49E+00	5.69E-01	3.81E+00	4.19E-01	2.69E+00	3.63E-01	1.44E+00	1.88E-01	1.08E-01	1.11E-02	6.81E-10	6.96E-11
4.65E+00	2.86E-01	1.16E+01	7.99E-01	7.06E+00	4.78E-01	5.22E+00	3.40E-01	4.58E+00	6.22E-01	3.13E+00	2.07E-01	1.68E+00	1.09E-01	9.96E-02	6.53E-03	6.25E-10	4.10E-11
5.32E+00	3.56E-01	1.08E+01	1.13E+00	6.66E+00	6.62E-01	4.89E+00	4.15E-01	4.11E+00	6.04E-01	3.57E+00	2.52E-01	1.92E+00	1.21E-01	9.71E-02	7.95E-03	6.06E-10	5.00E-11
5.82E+00	4.23E-01	1.10E+01	1.23E+00	7.08E+00	7.07E-01	5.15E+00	5.11E-01	5.33E+00	5.95E-01	3.89E+00	3.19E-01	2.11E+00	1.50E-01	1.02E-01	9.93E-03	6.37E-10	6.25E-11
6.04E+00	4.61E-01	1.13E+01	1.05E+00	7.32E+00	6.09E-01	5.30E+00	3.86E-01	6.56E+00	1.17E+00	4.04E+00	3.90E-01	2.19E+00	1.92E-01	1.05E-01	7.54E-03	6.53E-10	4.73E-11
5.96E+00	5.67E-01	1.38E+01	1.66E+00	8.03E+00	8.83E-01	5.68E+00	5.64E-01	1.17E+01	1.62E+00	3.99E+00	6.25E-01	2.17E+00	2.57E-01	1.10E-01	9.45E-03	6.91E-10	5.94E-11
5.69E+00	5.65E-01	1.42E+01	2.66E+00	8.51E+00	1.45E+00	6.40E+00	9.06E-01	1.18E+01	1.79E+00	3.81E+00	6.39E-01	2.08E+00	2.95E-01	1.26E-01	1.68E-02	7.92E-10	1.06E-10
5.35E+00	5.76E-01	1.33E+01	3.07E+00	8.61E+00	1.76E+00	5.76E+00	1.24E+00	8.04E+00	1.28E+00	3.59E+00	5.96E-01	1.96E+00	2.89E-01	1.11E-01	2.40E-02	6.93E-10	1.51E-10
5.26E+00	5.66E-01	1.59E+01	2.73E+00	1.03E+01	1.61E+00	6.61E+00	1.18E+00	8.31E+00	9.79E-01	3.36E+00	5.54E-01	1.94E+00	2.73E-01	1.26E-01	2.31E-02	7.84E-10	1.45E-10
6.65E+00	7.38E-01	2.09E+01	2.53E+00	1.34E+01	1.44E+00	8.62E+00	1.07E+00	1.05E+01	9.83E-01	4.31E+00	6.01E-01	2.53E+00	2.88E-01	1.63E-01	2.03E-02	1.02E-09	1.28E-10
7.06E+00	8.51E-01	2.85E+01	2.53E+00	1.82E+01	1.44E+00	1.21E+01	1.05E+00	1.30E+01	1.13E+00	4.90E+00	6.64E-01	2.74E+00	3.52E-01	2.30E-01	1.97E-02	1.44E-09	1.24E-10
7.00E+00	8.94E-01	3.75E+01	2.85E+00	2.39E+01	1.63E+00	1.64E+01	1.19E+00	1.52E+01	1.21E+00	6.03E+00	7.34E-01	3.09E+00	3.84E-01	3.15E-01	2.26E-02	1.97E-09	1.42E-10
7.63E+00	9.82E-01	4.95E+01	3.44E+00	3.14E+01	2.01E+00	2.23E+01	1.41E+00	1.75E+01	1.31E+00	7.42E+00	8.30E-01	4.01E+00	4.26E-01	4.31E-01	2.62E-02	2.71E-09	1.65E-10
8.01E+00	1.10E+00	6.11E+01	3.99E+00	3.86E+01	2.38E+00	2.80E+01	1.69E+00	1.94E+01	1.39E+00	8.69E+00	9.67E-01	4.89E+00	4.71E-01	5.46E-01	3.22E-02	3.43E-09	2.03E-10
7.62E+00	1.13E+00	6.85E+01	4.41E+00	4.32E+01	2.66E+00	3.18E+01	1.93E+00	2.01E+01	1.38E+00	9.46E+00	1.04E+00	5.47E+00	4.86E-01	6.22E-01	3.72E-02	3.90E-09	2.34E-10
6.92E+00	1.08E+00	7.24E+01	4.54E+00	4.55E+01	2.73E+00	3.38E+01	2.02E+00	2.00E+01	1.64E+00	9.79E+00	1.05E+00	5.77E+00	4.97E-01	6.63E-01	3.90E-02	4.16E-09	2.45E-10
6.24E+00	9.85E-01	7.16E+01	4.67E+00	4.49E+01	2.78E+00	3.36E+01	2.08E+00	1.92E+01	1.80E+00	9.64E+00	1.02E+00	5.74E+00	4.93E-01	6.59E-01	3.91E-02	4.13E-09	2.46E-10
2.78E+00	8.73E-01	2.02E+01	5.89E+00	1.25E+01	3.52E+00	9.05E+00	2.59E+00	7.30E+00	1.79E+00	3.30E+00	1.02E+00	1.75E+00	5.51E-01	1.76E-01	4.95E-02	1.11E-09	3.11E-10
2.98E+00	8.84E-01	2.07E+01	5.97E+00	1.28E+01	3.55E+00	9.04E+00	2.61E+00	7.73E+00	1.81E+00	3.39E+00	1.05E+00	1.79E+00	5.69E-01	1.74E-01	4.99E-02	1.09E-09	3.14E-10
3.15E+00	8.73E-01	2.08E+01	5.90E+00	1.29E+01	3.49E+00	8.97E+00	2.57E+00	8.13E+00	1.79E+00	3.48E+00	1.07E+00	1.87E+00	5.74E-01	1.72E-01	4.90E-02	1.08E-09	3.09E-10
3.22E+00	8.38E-01	2.03E+01	5.65E+00	1.26E+01	3.33E+00	8.61E+00	2.45E+00	8.22E+00	1.72E+00	3.53E+00	1.06E+00	1.91E+00	5.66E-01	1.66E-01	4.66E-02	1.05E-09	2.93E-10
3.24E+00	8.14E-01	2.00E+01	5.30E+00	1.23E+01	3.08E+00	8.83E+00	2.28E+00	7.92E+00	1.58E+00	3.51E+00	1.03E+00	1.93E+00	5.51E-01	1.70E-01	4.33E-02	1.07E-09	2.72E-10
3.22E+00	8.09E-01	2.03E+01	4.83E+00	1.25E+01	2.78E+00	8.87E+00	2.07E+00	7.48E+00	1.44E+00	3.48E+00	9.94E-01	1.92E+00	5.29E-01	1.70E-01	3.90E-02	1.07E-09	2.45E-10
3.13E+00	8.12E-01	1.98E+01	4.35E+00	1.20E+01	2.47E+00	8.47E+00	1.84E+00	7.04E+00	1.34E+00	3.44E+00	9.96E-01	1.84E+00	5.30E-01	1.62E-01	3.42E-02	1.02E-09	2.15E-10
2.91E+00	8.14E-01	2.04E+01	4.17E+00	1.24E+01	2.40E+00	9.15E+00	1.73E+00	6.64E+00	1.30E+00	3.44E+00	9.70E-01	1.85E+00	5.19E-01	1.75E-01	3.31E-02	1.10E-09	2.09E-10
2.73E+00	7.96E-01	2.02E+01	4.02E+00	1.22E+01	2.34E+00	9.03E+00	1.64E+00	6.30E+00	1.40E+00	3.50E+00	9.12E-01	1.93E+00	4.93E-01	1.72E-01	3.14E-02	1.08E-09	1.98E-10
2.71E+00	7.48E-01	1.86E+01	4.14E+00	1.12E+01	2.38E+00	8.14E+00	1.64E+00	5.86E+00	1.49E+00	3.49E+00	8.16E-01	1.90E+00	4.42E-01	1.57E-01	3.14E-02	9.88E-10	1.98E-10
2.69E+00	6.54E-01	1.87E+01	4.12E+00	1.11E+01	2.34E+00	8.01E+00	1.58E+00	6.01E+00	1.55E+00	3.33E+00	7.59E-01	1.80E+00	3.86E-01	1.54E-01	3.02E-02	9.69E-10	1.90E-10
2.90E+00	5.38E-01	1.80E+01	3.68E+00	1.08E+01	2.07E+00	7.58E+00	1.40E+00	6.70E+00	1.40E+00	3.17E+00	7.57E-01	1.62E+00	3.47E-01	1.46E-01	2.66E-02	9.19E-10	1.68E-10
3.10E+00	4.30E-01	1.73E+01	2.54E+00	1.02E+01	1.41E+00	7.14E+00	9.78E-01	6.13E+00	1.08E+00	3.03E+00	6.62E-01	1.50E+00	3.19E-01	1.37E-01	1.85E-02	8.62E-10	1.16E-10
3.70E+00	2.47E-01	1.37E+01	1.52E+00	8.00E+00	8.54E-01	5.78E+00	6.44E-01	5.62E+00	8.29E-01	2.52E+00	4.26E-01	1.33E+00	2.29E-01	1.12E-01	1.25E-02	7.02E-10	7.86E-11
4.41E+00	2.63E-01	1.01E+01	1.10E+00	5.79E+00	6.20E-01	4.25E+00	4.45E-01	2.79E+00	3.96E-01	3.00E+00	1.86E-01	1.59E+00	1.00E-01	8.41E-02	8.65E-03	5.29E-10	5.45E-11
5.20E+00	3.06E-01	8.51E+00	7.97E-01	5.17E+00	4.23E-01	3.80E+00	3.19E-01	2.80E+00	2.55E-01	3.53E+00	2.14E-01	1.88E+00	1.09E-01	7.58E-02	5.81E-03	4.77E-10	3.62E-11
6.01E+00	3.71E-01	8.54E+00	8.61E-01	5.51E+00	4.51E-01	4.02E+00	3.42E-01	2.72E+00	2.85E-01	4.06E+00	2.59E-01	2.17E+00	1.26E-01	7.97E-02	6.20E-03	4.97E-10	3.88E-11
6.60E+00	4.42E-01	8.98E+00	9.18E-01	5.81E+00	4.77E-01	4.27E+00	3.63E-01	5.10E+00	6.64E-01	4.45E+00	3.17E-01	2.39E+00	1.50E-01	8.45E-02	6.75E-03	5.32E-10	4.23E-11
6.85E+00	4.98E-01	9.29E+00	1.01E+00	6.04E+00	8.15E-01	4.40E+00	3.83E-01	1.51E+01	2.04E+00	4.61E+00	4.68E-01	2.49E+00	1.93E-01	8.71E-02	6.92E-03	5.48E-10	4.32E-11

Scenario 2 Results

6.73E+00	5.34E-01	1.00E+01	1.52E+00	6.30E+00	8.24E-01	4.40E+00	4.81E-01	1.22E+01	1.82E+00	4.53E+00	4.87E-01	2.45E+00	2.30E-01	8.66E-02	8.00E-03	5.45E-10	5.03E-11
6.35E+00	5.14E-01	1.02E+01	2.10E+00	6.69E+00	1.20E+00	4.40E+00	8.68E-01	8.70E+00	8.55E-01	4.28E+00	4.59E-01	2.32E+00	2.24E-01	8.54E-02	1.69E-02	5.31E-10	1.07E-10
5.89E+00	4.54E-01	1.14E+01	1.66E+00	7.53E+00	9.77E-01	4.70E+00	7.40E-01	6.19E+00	7.26E-01	3.97E+00	4.23E-01	2.16E+00	2.11E-01	8.94E-02	1.46E-02	5.57E-10	9.19E-11
6.26E+00	4.76E-01	1.50E+01	1.78E+00	9.81E+00	9.89E-01	6.06E+00	7.04E-01	8.42E+00	8.26E-01	3.97E+00	4.93E-01	2.33E+00	2.31E-01	1.14E-01	1.35E-02	7.12E-10	8.52E-11
5.95E+00	5.89E-01	2.30E+01	2.18E+00	1.49E+01	1.21E+00	9.69E+00	8.24E-01	1.11E+01	9.64E-01	3.90E+00	5.90E-01	2.24E+00	2.76E-01	1.85E-01	1.56E-02	1.16E-09	9.82E-11
4.96E+00	6.69E-01	3.37E+01	2.54E+00	2.16E+01	1.45E+00	1.48E+01	1.01E+00	1.35E+01	1.01E+00	5.22E+00	6.79E-01	2.70E+00	3.27E-01	2.86E-01	1.83E-02	1.79E-09	1.15E-10
5.22E+00	6.94E-01	4.38E+01	2.83E+00	2.78E+01	1.64E+00	1.98E+01	1.17E+00	1.52E+01	1.03E+00	6.39E+00	7.26E-01	3.49E+00	3.60E-01	3.84E-01	2.16E-02	2.41E-09	1.36E-10
5.30E+00	7.03E-01	5.39E+01	3.19E+00	3.40E+01	1.78E+00	2.48E+01	1.29E+00	1.66E+01	1.14E+00	7.49E+00	7.73E-01	4.28E+00	3.93E-01	4.84E-01	2.40E-02	3.04E-09	1.51E-10
5.55E+00	7.11E-01	6.29E+01	3.74E+00	3.96E+01	2.14E+00	2.94E+01	1.56E+00	1.78E+01	1.35E+00	8.43E+00	8.30E-01	4.96E+00	4.33E-01	5.75E-01	2.88E-02	3.61E-09	1.81E-10
7.24E+00	7.77E-01	6.70E+01	4.24E+00	4.21E+01	2.47E+00	3.15E+01	1.83E+00	1.79E+01	1.62E+00	8.81E+00	8.69E-01	5.27E+00	4.65E-01	6.18E-01	3.41E-02	3.88E-09	2.15E-10
8.40E+00	7.90E-01	6.74E+01	4.56E+00	4.23E+01	2.69E+00	3.18E+01	2.00E+00	1.73E+01	1.75E+00	8.81E+00	8.81E-01	5.33E+00	4.80E-01	6.26E-01	3.77E-02	3.93E-09	2.37E-10
9.24E+00	7.57E-01	6.43E+01	4.62E+00	4.02E+01	2.74E+00	3.04E+01	2.05E+00	1.61E+01	1.72E+00	8.43E+00	8.59E-01	5.14E+00	4.74E-01	5.97E-01	3.87E-02	3.75E-09	2.44E-10
2.70E+00	9.93E-01	1.85E+01	5.47E+00	1.15E+01	3.24E+00	8.55E+00	2.41E+00	5.94E+00	1.66E+00	3.26E+00	1.13E+00	1.73E+00	6.20E-01	1.65E-01	4.55E-02	1.04E-09	2.87E-10
2.80E+00	1.00E+00	1.95E+01	5.37E+00	1.19E+01	3.17E+00	8.80E+00	2.36E+00	5.96E+00	1.64E+00	3.25E+00	1.13E+00	1.81E+00	6.19E-01	1.69E-01	4.44E-02	1.06E-09	2.79E-10
2.82E+00	9.94E-01	2.01E+01	5.26E+00	1.22E+01	3.13E+00	9.03E+00	2.29E+00	6.08E+00	1.58E+00	3.41E+00	1.11E+00	1.91E+00	6.07E-01	1.73E-01	4.42E-02	1.09E-09	2.78E-10
2.85E+00	9.63E-01	2.00E+01	5.25E+00	1.23E+01	3.11E+00	9.15E+00	2.27E+00	6.48E+00	1.60E+00	3.50E+00	1.07E+00	1.95E+00	5.85E-01	1.76E-01	4.38E-02	1.10E-09	2.76E-10
2.98E+00	9.28E-01	1.99E+01	5.15E+00	1.21E+01	3.03E+00	9.03E+00	2.21E+00	6.72E+00	1.61E+00	3.55E+00	1.02E+00	1.96E+00	5.56E-01	1.73E-01	4.26E-02	1.09E-09	2.68E-10
3.09E+00	9.27E-01	1.94E+01	5.01E+00	1.17E+01	2.93E+00	8.75E+00	2.12E+00	6.97E+00	1.59E+00	3.52E+00	9.86E-01	1.96E+00	5.35E-01	1.66E-01	4.04E-02	1.04E-09	2.54E-10
3.14E+00	9.49E-01	1.96E+01	4.90E+00	1.20E+01	2.83E+00	8.81E+00	2.05E+00	7.18E+00	1.55E+00	3.52E+00	9.74E-01	1.97E+00	5.22E-01	1.69E-01	3.89E-02	1.06E-09	2.45E-10
3.11E+00	9.53E-01	2.09E+01	4.62E+00	1.28E+01	2.63E+00	9.41E+00	1.91E+00	7.09E+00	1.44E+00	3.41E+00	9.40E-01	1.89E+00	5.04E-01	1.81E-01	3.62E-02	1.14E-09	2.28E-10
3.03E+00	9.35E-01	2.08E+01	4.15E+00	1.26E+01	2.31E+00	9.27E+00	1.70E+00	6.28E+00	1.23E+00	3.46E+00	8.93E-01	1.90E+00	4.81E-01	1.78E-01	3.20E-02	1.12E-09	2.02E-10
2.91E+00	8.58E-01	1.94E+01	3.44E+00	1.16E+01	1.89E+00	8.48E+00	1.38E+00	6.10E+00	1.07E+00	3.48E+00	8.10E-01	1.86E+00	4.35E-01	1.61E-01	2.57E-02	1.02E-09	1.62E-10
2.79E+00	7.21E-01	1.84E+01	2.88E+00	1.09E+01	1.58E+00	7.85E+00	1.14E+00	5.89E+00	9.25E-01	3.44E+00	6.99E-01	1.81E+00	3.71E-01	1.50E-01	2.13E-02	9.47E-10	1.34E-10
2.78E+00	5.67E-01	1.62E+01	2.59E+00	9.47E+00	1.52E+00	6.74E+00	9.63E-01	5.67E+00	1.19E+00	3.14E+00	5.84E-01	1.61E+00	2.96E-01	1.28E-01	1.83E-02	8.08E-10	1.15E-10
3.28E+00	4.30E-01	1.42E+01	2.68E+00	8.41E+00	1.56E+00	5.71E+00	9.50E-01	5.85E+00	1.35E+00	2.62E+00	4.83E-01	1.32E+00	2.36E-01	1.10E-01	1.79E-02	6.90E-10	1.12E-10
3.95E+00	2.47E-01	1.32E+01	2.07E+00	7.80E+00	1.18E+00	5.39E+00	7.91E-01	4.69E+00	7.85E-01	2.71E+00	3.58E-01	1.42E+00	1.60E-01	1.04E-01	1.52E-02	6.57E-10	9.56E-11
4.74E+00	2.78E-01	9.15E+00	9.84E-01	5.17E+00	5.42E-01	3.97E+00	4.14E-01	2.83E+00	2.22E-01	3.25E+00	1.95E-01	1.71E+00	9.84E-02	7.84E-02	8.15E-03	4.93E-10	5.13E-11
5.62E+00	3.23E-01	8.76E+00	8.11E-01	4.62E+00	4.33E-01	3.44E+00	3.26E-01	2.86E+00	2.37E-01	3.85E+00	2.27E-01	2.03E+00	1.14E-01	6.29E-02	5.96E-03	3.91E-10	3.72E-11
6.50E+00	3.78E-01	8.88E+00	8.77E-01	4.70E+00	4.62E-01	3.52E+00	3.49E-01	2.83E+00	2.53E-01	4.45E+00	2.66E-01	2.35E+00	1.32E-01	6.61E-02	6.36E-03	4.12E-10	3.97E-11
7.15E+00	4.35E-01	8.73E+00	9.35E-01	4.82E+00	4.89E-01	3.51E+00	3.71E-01	6.50E+00	8.08E-01	4.88E+00	3.06E-01	2.59E+00	1.48E-01	6.84E-02	6.75E-03	4.26E-10	4.21E-11
7.40E+00	4.80E-01	8.45E+00	9.79E-01	5.05E+00	5.13E-01	3.55E+00	3.91E-01	9.97E+00	1.06E+00	5.04E+00	3.54E-01	2.69E+00	1.70E-01	7.04E-02	7.10E-03	4.43E-10	4.43E-11
7.24E+00	4.63E-01	8.69E+00	1.01E+00	5.39E+00	5.33E-01	3.57E+00	4.06E-01	5.80E+00	7.08E-01	4.92E+00	3.64E-01	2.64E+00	1.84E-01	6.96E-02	7.38E-03	4.33E-10	4.61E-11
7.51E+00	6.75E-01	8.83E+00	1.02E+00	5.88E+00	5.48E-01	3.71E+00	4.18E-01	6.71E+00	7.05E-01	4.62E+00	4.60E-01	2.71E+00	2.61E-01	7.16E-02	7.61E-03	4.45E-10	4.75E-11
8.12E+00	8.02E-01	1.18E+01	1.42E+00	6.94E+00	7.84E-01	4.67E+00	4.91E-01	6.70E+00	7.21E-01	5.11E+00	5.47E-01	3.01E+00	3.01E-01	9.05E-02	8.70E-03	5.70E-10	5.48E-11
8.42E+00	7.97E-01	1.50E+01	1.75E+00	9.81E+00	9.81E-01	6.37E+00	6.53E-01	7.29E+00	7.77E-01	5.42E+00	5.50E-01	3.17E+00	2.92E-01	1.22E-01	1.18E-02	7.62E-10	7.43E-11
7.79E+00	7.48E-01	2.44E+01	2.00E+00	1.57E+01	1.14E+00	1.09E+01	7.70E-01	9.51E+00	8.78E-01	5.08E+00	5.32E-01	2.96E+00	2.73E-01	2.10E-01	1.39E-02	1.32E-09	8.77E-11
6.24E+00	6.96E-01	3.55E+01	2.33E+00	2.26E+01	1.24E+00	1.63E+01	8.62E-01	1.16E+01	9.29E-01	4.88E+00	5.69E-01	2.74E+00	2.76E-01	3.18E-01	1.57E-02	1.99E-09	9.90E-11
4.60E+00	6.65E-01	4.36E+01	2.57E+00	2.75E+01	1.40E+00	2.03E+01	9.93E-01	1.28E+01	9.29E-01	5.80E+00	6.17E-01	3.38E+00	3.08E-01	3.97E-01	1.82E-02	2.49E-09	1.14E-10
5.58E+00	7.07E-01	4.89E+01	2.98E+00	3.07E+01	1.67E+00	2.30E+01	1.20E+00	1.32E+01	1.01E+00	6.39E+00	6.70E-01	3.82E+00	3.41E-01	4.51E-01	2.23E-02	2.83E-09	1.41E-10
7.50E+00	7.43E-01	5.32E+01	3.36E+00	3.33E+01	1.92E+00	2.51E+01	1.40E+00	1.35E+01	1.11E+00	6.81E+00	7.23E-01	4.14E+00	3.73E-01	4.94E-01	2.61E-02	3.10E-09	1.64E-10
8.79E+00	7.62E-01	5.40E+01	3.77E+00	3.38E+01	2.19E+00	2.56E+01	1.61E+00	1.33E+01	1.18E+00	6.85E+00	7.66E-01	4.21E+00	4.02E-01	5.04E-01	3.04E-02	3.16E-09	1.91E-10
9.39E+00	7.57E-01	5.19E+01	4.05E+00	3.24E+01	2.39E+00	2.46E+01	1.77E+00	1.25E+01	1.22E+00	6.61E+00	7.88E-01	4.07E+00	4.21E-01	4.85E-01	3.35E-02	3.04E-09	2.11E-10
9.67E+00	7.35E-01	4.84E+01	4.16E+00	3.02E+01	2.47E+00	2.30E+01	1.84E+00	1.16E+01	1.23E+00	6.24E+00	7.89E-01	3.84E+00	4.26E-01	4.52E-01	3.49E-02	2.83E-09	2.20E-10
2.80E+00	9.98E-01	1.99E+01	6.05E+00	1.24E+01	3.53E+00	9.21E+00	2.60E+00	6.40E+00	1.90E+00	3.44E+00	1.21E+00	1.86E+00	6.44E-01	1.79E-01	4.95E-02	1.12E-09	3.11E-10
2.90E+00	1.03E+00	2.07E+01	5.91E+00	1.29E+01	3.52E+00	9.57E+00	2.59E+00	6.29E+00	1.89E+00	3.51E+00	1.21E+00	1.89E+00	6.37E-01	1.85E-01	4.93E-02	1.16E-09	3.10E-10
2.93E+00	1.05E+00	2.16E+01	5.83E+00	1.34E+01	3.45E+00	9.96E+00	2.55E+00	6.30E+00	1.86E+00	3.48E+00	1.18E+00	1.90E+00	6.28E-01	1.92E-01	4.83E-02	1.21E-09	3.04E-10
2.99E+00	1.05E+00	2.22E+01	5.67E+00	1.37E+01	3.33E+00	1.02E+01	2.46E+00	6.49E+00	1.79E+00	3.48E+00	1.15E+00	1.98E+00	6.20E-01	1.96E-01	4.66E-02	1.23E-09	2.93E-10
2.97E+00	1.06E+00	2.22E+01	5.45E+00	1.36E+01	3.20E+00	1.01E+01	2.35E+00	6.60E+00	1.72E+00	3.63E+00	1.14E+00	2.05E+00	6.10E-01	1.93E-01	4.44E-02	1.22E-09	2.79E-10
2.92E+00	1.06E+00	2.20E+01	5.28E+00	1.33E+01	3.07E+00	9.89E+00	2.25E+00	6.53E+00	1.67E+00	3.76E+00	1.11E+00	2.10E+00	5.91E-01	1.89E-01	4.24E-02	1.19E-09	2.67E-10
2.92E+00	1.07E+00	2.10E+01	5.03E+00	1.25E+01	2.89E+00	9.36E+00	2.12E+00	6.11E+00	1.59E+00	3.74E+00	1.09E+00	2.07E+00	5.71E-01	1.78E-01	3.97E-02	1.12E-09	2.50E-10
2.95E+00	1.04E+00	2.08E+01	4.66E+00	1.27E+01	2.64E+00	9.35E+00	1.94E+00	6.39E+00	1.46E+00	3.49E+00	1.05E+00	1.92E+00	5.48E-01	1.80E-01	3.62E-02	1.13E-09	2.28E-10
3.27E+00	9.84E-01	2.06E+01	4.21E+00	1.25E+01	2.33E+00	9.18E+00	1.72E+00	6.31E+00	1.28E+00	3.49E+00	9.96E-01	1.91E+00	5.20E-01	1.76E-01	3.20E-02	1.11E-09	2.02E-10
3.28E+00	8.95E-01	1.98E+01	3.65E+00	1.18E+01	1.99E+00	8.61E+00	1.45E+00	6.32E+00	1.18E+00	3.55E+00	9.05E-01	1.89E+00	4.66E-01	1.64E-01	2.68E-02	1.03E-09	1.68E-10
3.00E+00	7.55E-01	1.90E+01	3.18E+00	1.12E+01	1.75E+00	8.09E+00	1.24E+00	6.31E+00	1.12E+00	3.53E+00	7.74E-01	1.83E+00	3.92E-01	1.53E-01	2.31E-02	9.66E-10	1.45E-10
2.83E+00	5.70E-01	1.67E+01	2.57E+00	9.89E+00	1.45E+00	6.94E+00	9.79E-01	5.97E+00	1.03E+00	3.24E+00	6.27E-01	1.62E+00	3.06E-01	1.34E-01	1.87E-02	8.42E-10	1.18E-10
3.40E+00	3.85E-01	1.46E+01	2.06E+00	8.67E+00	1.17E+00	5.93E+00	7.68E-01	5.55E+00	8.76E-01	2.84E+00	5.02E-01	1.37E+00	2.36E-01	1.14E-01	1.46E-02	7.16E-10	9.18E-11
4.09E+00	2.44E-01	1.13E+01	1.43E+00	6.47E+00	8.02E-01	4.72E+00	5.62E-01	3.14E+00	4.67E-01	2.82E+00	2.81E-01	1.47E+00	1.36E-01	9.20E-02	1.08E-02	5.79E-10	6.82E-11
4.92E+00	2.86E-01	8.89E+00	7.57E-01	4.65E+00	4.16E-01	3.41E+00	3.10E-01	2.98E+00	2.27E-01	3.40E+00	2.02E-01	1.77E+00	1.01E-01	6.32E-02	5.73E-03	3.96E-10	3.57E-11
5.83E+00	3.32E-01	9.24E+00	8.18E-01	4.81E+00	4.43E-01	3.56E+00	3.31E-01	3.01E+00	2.41E-01	4.03E+00	2.35E-01	2.10E+00	1.17E-01	6.35E-02	6.12E-03	3.99E-10	3.81E-11
6.67E+00	3.78E-01	9.29E+00	8.79E-01	4.86E+00	4.71E-01	3.62E+00	3.54E-01	2.95E+00	2.55E-01	4.62E+00	2.67E-01	2.41E+00	1.33E-01	6.48E-02	6.51E-03	4.07E-10	4.06E-11
7.31E+00	4.12E-01	9.06E+00	9.36E-01	4.80E+00	5.00E-01	3.60E+00	3.76E-01	3.12E+00	2.70E-01	5.05E+00	2.91E-01	2.65E+00	1.46E-01	6.47E-02	6.91E-03	4.07E-10	4.31E-11
7.55E+00	4.26E-01	8.59E+00	9.80E-01	5.58E+00	5.24E-01	3.48E+00	3.95E-01	1.40E+01	9.96E-01	5.20E+00	3.03E-01	2.75E+00	1.53E-01	6.31E-02	7.25E-03	3.97E-10	4.52E-11
7.41E+00	4.23E-01	8.72E+00	1.01E+00	5.94E+00	5.43E-01	3.59E+00	4.10E-01	1.49E+01	1.24E+00	5.09E+00	4.59E-01	2.70E+00	1.56E-01	6.61E-02	7.53E-03	4.15E-10	4.70E-11
1.17E+01	5.97E-01	8.80E+00	1.03E+00	5.37E+00	5.58E-01	3.70E+00	4.23E-01	1.31E+01	1.19E+00	7.26E+00	5.06E-01	4.30E+00	2.35E-01	6.86E-02	7.76E-03	4.31E-10	4.85E-11
9.64E+00	6.12E-01	9.62E+00	1.08E+00	6.28E+00	6.27E-01	4.29E+00	4.43E-01	1.12E+01	1.09E+00	6.16E+00	5.96E-01	3.62E+00	2.49E-01	8.39E-02	7.93E-03	5.23E-10	4.96E-11
9.03E+00	8.27E-01	1.32E+01	1.27E+00	8.46E+00	6.83E-01	5.91E+00	4.58E-01	9.71E+00	9.98E-01	5.96E+00	6.85E-01	3.47E+00	3.19E-01	1.16E-01	8.25E-03	7.24E-10	5.19E-11
8.36E+00	9.14E-01	2.00E+01	1.56E+00	1.27E+01	8.20E-01	9.20E+00	5.63E-01	9.11E+00	9.60E-01	5.56E+00	7.21E-01	3.24E+00	3.55E-01	1.81E-01	1.06E-02	1.13E-09	6.67E-11
6.51E+00	8.87E-01	2.75E+01	1.91E+00	1.74E+01	1.02E+00	1.29E+01	6.90E-01	9.06E+00	9.33E-01	4.38E+00	6.97E-01	2.55E+00	3.50E-01	2.53E-01	1.29E-02	1.59E-09	8.14E-11
4.70E+00	8.14E-01	3.21E+01	2.21E+00	2.02E+01	1.20E+00	1.51E+01	8.35E-01	9.11E+00	9.40E-01	3.97E+00	6.82E-01	2.40E+00	3.35E-01	2.98E-01	1.48E-02	1.87E-09	9.33E-11
4.28E+00	7.39E-01	3.34E+01	2.59E+00	2.09E+01	1.44E+00	1.58E+01	1.02E+00	9.26E+00	1.03E+00	4.14E+00	7.37E-01	2.54E+00	3.72E-01	3.11E-01	1.81E-02	1.95E-09	1.14E-10
4.10E+00	7.32E-01	3.47E+01	2.97E+00	2.17E+01	1.68E+00	1.65E+01	1.20E+00	9.46E+00	1.15E+00	4.30E+00	7.93E-01	2.66E+00	4.05E-01	3.25E-01	2.15E-02	2.04E-09	1.35E-10
5.02E+00	7.60E-01	3.45E+01	3.28E+00	2.15E+01	1.89E+00	1.64E+01	1.36E+00	9.55E+00	1.24E+00	4.29E+00	8.31E-01	2.66E+00	4.31E-01	3.24E-01	2.45E-02	2.03E-09	1.54E-10
5.48E+00	7.71E-01	3.46E+01	3.56E+00	2.16E+01	2.06E+00	1.60E+01	1.51E+00	9.72E+00	1.29E+00	4.46E+00	8.56E-01	2.56E+00	4.51E-01	3.15E-01	2.74E-02	1.98E-09	1.72E-10
5.70E+00	7.65E-01	3.81E+01	3.73E+00	2.38E+01	2.18E+00	1.78E+01	1.60E+00	1.03E+01	1.32E+00	4.78E+00	8.62E-01	2.81E+00	4.59E-01	3.49E-01	2.93E-02	2.20E-09	1.84E-10
3.15E+00	9.97E-01	2.20E+01	6.93E+00	1.35E+01	4.16E+00	9.62E+00	3.08E+00	7.76E+00	2.24E+00	3.73E+00	1.30E+00	1.97E+00	6.94E-01	1.84E-01	5.85E-02	1.16E-09	3.68E-10
3.30E+00	1.02E+00	2.20E+01	6.97E+00	1.35E+01	4.16E+00	9.90E+00	3.08E+00	7.83E+00	2.23E+00	3.76E+00	1.32E+00	1.98E+00	7.00E-01	1.92E-01	5.85E-02	1.21E-09	3.68E-10
3.34E+00	1.01E+00	2.26E+01	6.86E+00	1.40E+01	4.08E+00	1.04E+01	3.02E+00	7.80E+00	2.18E+00	3.70E+00	1.30E+00	1.94E+00	6.88E-01	2.02E-01	5.73E-02	1.27E-09	3.61E-10
3.73E+00	1.01E+00	2.34E+01	6.65E+00	1.45E+01	3.93E+00	1.08E+01	2.91E+00	7.72E+00	2.13E+00	3.64E+00	1.28E+00	2.00E+00	6.71E-01	2.08E-01	5.52E-02	1.31E-09	3.47E-10
4.18E+00	1.00E+00	2.36E+01	6.39E+00	1.45E+01	3.74E+00	1.07E+01	2.77E+00	7.46E+00	2.05E+00	3.63E+00	1.26E+00	2.05E+00	6.56E-01	2.07E-01	5.25E-02	1.30E-09	3.30E-10
4.50E+00	1.04E+00	2.33E+01	5.95E+00	1.42E+01	3.43E+00	1.05E+01	2.55E+00	7.07E+00	1.95E+00	3.75E+00	1.22E+00	2.09E+00	6.28E-01	2.03E-01	4.81E-02	1.27E-09	3.03E-10
4.74E+00	1.07E+00	2.22E+01	5.32E+00	1.33E+01	3.01E+00	9.88E+00	2.23E+00	6.56E+00	1.81E+00	3.69E+00	1.16E+00	2.05E+00	5.87E-01	1.90E-01	4.19E-02	1.19E-09	2.64E-10
4.82E+00	1.05E+00	2.06E+01	4.76E+00	1.25E+01	2.68E+00	9.25E+00	1.96E+00	6.09E+00	1.66E+00	3.42E+00	1.11E+00	1.90E+00	5.61E-01	1.78E-01	3.75E-02	1.12E-09	2.36E-10
4.61E+00	9.92E-01	2.01E+01	4.25E+00	1.22E+01	2.39E+00	9.02E+00	1.75E+00	5.96E+00	1.43E+00	3.37E+00	1.05E+00	1.86E+00	5.28E-01	1.75E-01	3.36E-02	1.10E-09	2.12E-10
3.82E+00	8.79E-01	1.94E+01	3.70E+00	1.17E+01	2.08E+00	8.56E+00	1.50E+00	5.91E+00	1.31E+00	3.30E+00	9.34E-01	1.77E+00	4.56E-01	1.66E-01	2.88E-02	1.04E-09	1.81E-10
2.90E+00	7.27E-01	1.89E+01	3.30E+00	1.13E+01	1.87E+00	8.19E+00	1.33E+00	5.84E+00	1.27E+00	3.25E+00	8.07E-01	1.70E+00	3.76E-01	1.59E-01	2.56E-02	9.99E-10	1.61E-10
2.88E+00	5.59E-01	1.68E+01	2.75E+00	1.00E+01	1.57E+00	7.15E+00	1.09E+00	5.50E+00	1.19E+00	2.94E+00	6.47E-01	1.47E+00	2.79E-01	1.39E-01	2.09E-02	8.72E-10	1.32E-10
3.44E+00	4.49E-01	1.46E+01	2.23E+00	8.72E+00	1.28E+00	6.16E+00	8.84E-01	5.00E+00	1.02E+00	2.52E+00	4.85E-01	1.24E+00	2.35E-01	1.19E-01	1.70E-02	7.52E-10	1.07E-10
4.12E+00	3.37E-01	1.13E+01	1.56E+00	6.58E+00	8.84E-01	4.97E+00	6.61E-01	2.94E+00	4.33E-01	2.85E+00	3.37E-01	1.48E+00	1.69E-01	9.79E-02	1.30E-02	6.16E-10	8.16E-11
4.93E+00	2.86E-01	9.17E+00	7.52E-01	4.77E+00	4.20E-01	3.48E+00	3.11E-01	3.06E+00	2.27E-01	3.42E+00	2.03E-01	1.76E+00	1.04E-01	6.34E-02	6.11E-03	3.98E-10	3.85E-11
5.79E+00	3.30E-01	9.52E+00	8.10E-01	4.93E+00	4.47E-01	3.63E+00	3.33E-01	3.08E+00	2.38E-01	4.04E+00	2.35E-01	2.08E+00	1.16E-01	6.50E-02	6.21E-03	4.08E-10	3.87E-11
6.56E+00	3.71E-01	9.52E+00	8.70E-01	4.96E+00	4.78E-01	3.67E+00	3.55E-01	3.00E+00	2.58E-01	4.58E+00	2.64E-01	2.37E+00	1.31E-01	6.61E-02	6.61E-03	4.15E-10	4.13E-11
7.13E+00	4.01E-01	9.21E+00	9.26E-01	4.87E+00	5.08E-01	3.62E+00	3.77E-01	4.79E+00	5.89E-01	4.98E+00	2.86E-01	2.58E+00	1.42E-01	6.56E-02	7.00E-03	4.12E-10	4.37E-11
7.34E+00	6.86E-01	8.65E+00	1.43E+00	7.79E+00	1.26E+00	3.48E+00	3.95E-01	1.95E+01	3.16E+00	5.11E+00	5.11E-01	2.67E+00	1.48E-01	6.36E-02	7.33E-03	3.99E-10	4.58E-11
7.24E+00	6.86E-01	9.28E+00	1.45E+00	7.75E+00	1.20E+00	3.60E+00	4.14E-01	1.94E+01	3.00E+00	5.03E+00	5.54E-01	2.64E+00	1.48E-01	6.71E-02	7.67E-03	4.21E-10	4.79E-11
1.07E+01	5.93E-01	9.14E+00	1.39E+00	6.98E+00	1.06E+00	3.72E+00	4.30E-01	1.61E+01	2.46E+00	5.66E+00	6.31E-01	3.56E+00	1.69E-01	6.95E-02	7.97E-03	4.37E-10	4.98E-11

7.33E+00	5.38E-01	1.06E+01	1.60E+00	7.36E+00	1.10E+00	3.78E+00	4.43E-01	1.34E+01	1.99E+00	4.75E+00	6.68E-01	2.74E+00	2.18E-01	7.09E-02	8.14E-03	4.46E-10	5.09E-11
7.44E+00	5.84E-01	1.34E+01	1.92E+00	8.72E+00	1.22E+00	4.31E+00	5.89E-01	1.14E+01	1.67E+00	5.09E+00	7.03E-01	2.95E+00	2.77E-01	7.74E-02	9.69E-03	4.87E-10	6.10E-11
6.89E+00	6.83E-01	1.61E+01	2.25E+00	1.03E+01	1.37E+00	5.89E+00	8.06E-01	1.03E+01	1.49E+00	4.72E+00	7.53E-01	2.74E+00	3.35E-01	1.10E-01	1.36E-02	6.89E-10	8.57E-11
5.38E+00	7.47E-01	1.79E+01	2.43E+00	1.14E+01	1.44E+00	6.97E+00	9.32E-01	9.77E+00	1.36E+00	3.71E+00	7.60E-01	2.15E+00	3.63E-01	1.32E-01	1.59E-02	8.28E-10	9.99E-11
4.77E+00	7.75E-01	1.85E+01	2.53E+00	1.17E+01	1.48E+00	7.78E+00	1.01E+00	9.17E+00	1.25E+00	3.42E+00	7.54E-01	1.76E+00	3.77E-01	1.54E-01	1.74E-02	9.66E-10	1.09E-10
4.38E+00	7.73E-01	1.94E+01	2.66E+00	1.22E+01	1.56E+00	8.06E+00	1.11E+00	9.26E+00	1.18E+00	3.55E+00	7.44E-01	1.64E+00	3.85E-01	1.57E-01	1.92E-02	9.83E-10	1.21E-10
4.06E+00	7.52E-01	2.11E+01	2.78E+00	1.33E+01	1.63E+00	9.69E+00	1.18E+00	9.32E+00	1.13E+00	3.68E+00	7.30E-01	1.74E+00	3.87E-01	1.89E-01	2.09E-02	1.19E-09	1.31E-10
4.14E+00	6.99E-01	2.52E+01	3.02E+00	1.58E+01	1.71E+00	1.16E+01	1.23E+00	9.36E+00	1.15E+00	3.88E+00	7.62E-01	1.96E+00	3.86E-01	2.28E-01	2.20E-02	1.43E-09	1.39E-10
3.96E+00	7.11E-01	2.81E+01	3.30E+00	1.76E+01	1.90E+00	1.31E+01	1.36E+00	9.12E+00	1.23E+00	4.03E+00	8.02E-01	2.21E+00	4.12E-01	2.55E-01	2.52E-02	1.61E-09	1.58E-10
3.62E+00	7.19E-01	3.02E+01	3.50E+00	1.89E+01	2.07E+00	1.41E+01	1.50E+00	8.85E+00	1.26E+00	4.06E+00	8.18E-01	2.38E+00	4.26E-01	2.75E-01	2.80E-02	1.73E-09	1.76E-10
3.94E+00	8.58E-01	2.11E+01	7.35E+00	1.29E+01	4.43E+00	9.27E+00	3.23E+00	7.78E+00	2.34E+00	3.97E+00	1.25E+00	2.05E+00	6.73E-01	1.78E-01	6.18E-02	1.12E-09	3.89E-10
4.38E+00	9.04E-01	2.07E+01	7.31E+00	1.29E+01	4.40E+00	9.57E+00	3.21E+00	7.72E+00	2.31E+00	3.95E+00	1.25E+00	2.02E+00	6.70E-01	1.86E-01	6.14E-02	1.17E-09	3.86E-10
4.74E+00	9.28E-01	2.18E+01	7.10E+00	1.36E+01	4.26E+00	1.01E+01	3.11E+00	7.53E+00	2.24E+00	3.81E+00	1.22E+00	1.93E+00	6.54E-01	1.97E-01	5.95E-02	1.24E-09	3.74E-10
4.91E+00	9.47E-01	2.26E+01	6.83E+00	1.40E+01	4.08E+00	1.04E+01	2.98E+00	7.22E+00	2.25E+00	3.65E+00	1.23E+00	1.86E+00	6.53E-01	2.03E-01	5.69E-02	1.28E-09	3.58E-10
5.06E+00	9.63E-01	2.27E+01	6.53E+00	1.40E+01	3.88E+00	1.04E+01	2.82E+00	6.64E+00	2.23E+00	3.45E+00	1.23E+00	1.91E+00	6.48E-01	2.02E-01	5.40E-02	1.27E-09	3.40E-10
4.93E+00	9.65E-01	2.24E+01	6.11E+00	1.37E+01	3.62E+00	1.02E+01	2.61E+00	6.78E+00	2.18E+00	3.56E+00	1.22E+00	1.92E+00	6.30E-01	1.97E-01	5.00E-02	1.24E-09	3.15E-10
4.42E+00	9.37E-01	2.21E+01	5.65E+00	1.34E+01	3.31E+00	9.92E+00	2.35E+00	6.65E+00	2.06E+00	3.73E+00	1.16E+00	2.08E+00	5.90E-01	1.90E-01	4.44E-02	1.19E-09	2.80E-10
3.65E+00	8.74E-01	2.19E+01	5.12E+00	1.32E+01	2.95E+00	9.80E+00	2.08E+00	6.42E+00	1.88E+00	3.76E+00	1.07E+00	2.09E+00	5.36E-01	1.87E-01	3.88E-02	1.18E-09	2.44E-10
3.15E+00	7.69E-01	2.05E+01	4.57E+00	1.22E+01	2.58E+00	9.12E+00	1.84E+00	5.74E+00	1.58E+00	3.60E+00	9.60E-01	2.00E+00	4.77E-01	1.74E-01	3.43E-02	1.09E-09	2.16E-10
3.21E+00	7.70E-01	1.86E+01	3.67E+00	1.11E+01	2.01E+00	8.18E+00	1.43E+00	5.51E+00	1.24E+00	3.35E+00	7.93E-01	1.81E+00	4.22E-01	1.57E-01	2.70E-02	9.89E-10	1.70E-10
2.99E+00	7.15E-01	1.79E+01	3.06E+00	1.06E+01	1.68E+00	7.79E+00	1.18E+00	5.23E+00	1.05E+00	3.17E+00	7.79E-01	1.65E+00	4.07E-01	1.50E-01	2.24E-02	9.45E-10	1.41E-10
3.38E+00	6.65E-01	1.57E+01	2.67E+00	9.21E+00	1.47E+00	6.71E+00	1.05E+00	5.18E+00	9.60E-01	3.19E+00	6.94E-01	1.59E+00	3.49E-01	1.30E-01	1.91E-02	8.17E-10	1.20E-10
3.41E+00	5.90E-01	1.50E+01	2.45E+00	8.83E+00	1.37E+00	6.34E+00	9.53E-01	5.28E+00	9.21E-01	3.16E+00	5.65E-01	1.48E+00	2.71E-01	1.21E-01	1.77E-02	7.62E-10	1.11E-10
4.05E+00	4.79E-01	1.38E+01	2.16E+00	8.12E+00	1.23E+00	6.05E+00	8.95E-01	4.39E+00	6.99E-01	2.81E+00	4.61E-01	1.45E+00	2.19E-01	1.18E-01	1.72E-02	7.41E-10	1.08E-10
4.77E+00	3.69E-01	9.18E+00	1.31E+00	5.33E+00	7.50E-01	4.23E+00	5.93E-01	3.05E+00	2.40E-01	3.33E+00	3.92E-01	1.71E+00	2.09E-01	8.41E-02	1.17E-02	5.29E-10	7.38E-11
5.52E+00	3.17E-01	9.48E+00	7.82E-01	4.92E+00	4.41E-01	3.60E+00	3.29E-01	3.06E+00	2.26E-01	3.87E+00	2.81E-01	1.98E+00	1.54E-01	6.50E-02	6.19E-03	4.08E-10	3.86E-11
6.21E+00	3.53E-01	9.46E+00	8.36E-01	4.94E+00	4.69E-01	3.64E+00	3.50E-01	2.97E+00	2.41E-01	4.36E+00	2.51E-01	2.24E+00	1.24E-01	6.59E-02	6.58E-03	4.14E-10	4.11E-11
6.68E+00	3.79E-01	9.09E+00	8.87E-01	4.82E+00	4.99E-01	3.57E+00	3.71E-01	2.96E+00	2.89E-01	4.69E+00	2.71E-01	2.42E+00	1.34E-01	6.50E-02	6.96E-03	4.09E-10	4.34E-11
6.90E+00	3.95E-01	8.50E+00	9.32E-01	4.59E+00	5.26E-01	3.42E+00	3.90E-01	3.95E+00	5.47E-01	4.84E+00	2.82E-01	2.51E+00	1.40E-01	6.32E-02	7.32E-03	3.97E-10	4.57E-11
6.88E+00	3.99E-01	8.24E+00	9.86E-01	4.72E+00	5.57E-01	3.54E+00	4.13E-01	5.76E+00	5.77E-01	4.80E+00	2.98E-01	2.64E+00	1.41E-01	6.67E-02	7.73E-03	4.19E-10	4.83E-11
9.95E+00	4.61E-01	8.40E+00	1.05E+00	4.86E+00	5.90E-01	3.66E+00	4.37E-01	8.51E+00	1.23E+00	5.48E+00	3.61E-01	3.41E+00	1.90E-01	6.91E-02	8.16E-03	4.34E-10	5.10E-11
1.58E+01	7.14E-01	8.56E+00	1.12E+00	5.02E+00	7.82E-01	3.72E+00	4.55E-01	9.93E+00	1.55E+00	8.61E+00	4.41E-01	5.39E+00	2.45E-01	7.05E-02	8.46E-03	4.43E-10	5.29E-11
1.61E+01	7.12E-01	1.20E+01	1.60E+00	7.91E+00	1.05E+00	4.19E+00	4.69E-01	9.34E+00	1.61E+00	8.58E+00	5.12E-01	5.39E+00	2.62E-01	7.93E-02	8.62E-03	4.99E-10	5.39E-11
1.03E+01	6.04E-01	1.58E+01	2.08E+00	1.02E+01	1.32E+00	6.01E+00	6.82E-01	9.85E+00	1.61E+00	5.47E+00	6.11E-01	3.43E+00	2.82E-01	1.13E-01	1.19E-02	7.11E-10	7.47E-11
5.34E+00	6.10E-01	1.82E+01	2.45E+00	1.16E+01	1.52E+00	7.24E+00	8.90E-01	9.57E+00	1.57E+00	3.54E+00	6.83E-01	1.91E+00	2.95E-01	1.38E-01	1.57E-02	8.66E-10	9.87E-11
4.75E+00	6.38E-01	1.90E+01	2.62E+00	1.20E+01	1.60E+00	7.82E+00	1.01E+00	9.13E+00	1.48E+00	3.42E+00	7.09E-01	1.76E+00	3.27E-01	1.49E-01	1.78E-02	9.40E-10	1.12E-10
4.41E+00	6.80E-01	1.99E+01	2.86E+00	1.26E+01	1.74E+00	8.48E+00	1.15E+00	9.61E+00	1.43E+00	3.58E+00	7.45E-01	1.66E+00	3.61E-01	1.64E-01	2.05E-02	1.03E-09	1.29E-10
4.81E+00	7.09E-01	2.21E+01	3.09E+00	1.38E+01	1.86E+00	9.14E+00	1.29E+00	9.84E+00	1.39E+00	3.83E+00	7.69E-01	1.80E+00	3.89E-01	1.76E-01	2.31E-02	1.11E-09	1.46E-10
4.95E+00	6.97E-01	2.30E+01	3.21E+00	1.44E+01	1.93E+00	9.77E+00	1.37E+00	9.53E+00	1.31E+00	3.93E+00	7.61E-01	1.93E+00	3.97E-01	1.87E-01	2.48E-02	1.18E-09	1.56E-10
4.79E+00	6.58E-01	2.46E+01	3.18E+00	1.52E+01	1.91E+00	1.10E+01	1.39E+00	9.07E+00	1.21E+00	3.91E+00	7.25E-01	2.07E+00	3.87E-01	2.12E-01	2.53E-02	1.33E-09	1.59E-10
4.47E+00	6.32E-01	2.66E+01	3.36E+00	1.64E+01	2.00E+00	1.20E+01	1.45E+00	8.87E+00	1.16E+00	4.11E+00	7.16E-01	2.27E+00	3.65E-01	2.31E-01	2.71E-02	1.45E-09	1.71E-10
4.47E+00	8.34E-01	2.16E+01	6.62E+00	1.32E+01	4.04E+00	9.42E+00	2.96E+00	7.42E+00	2.20E+00	3.67E+00	1.15E+00	1.91E+00	6.24E-01	1.81E-01	5.71E-02	1.14E-09	3.59E-10
4.67E+00	8.33E-01	2.08E+01	6.82E+00	1.26E+01	4.15E+00	9.01E+00	3.02E+00	7.58E+00	2.25E+00	3.81E+00	1.19E+00	1.97E+00	6.43E-01	1.73E-01	5.75E-02	1.09E-09	3.61E-10
4.67E+00	8.30E-01	2.05E+01	6.84E+00	1.26E+01	4.15E+00	9.14E+00	3.02E+00	7.71E+00	2.25E+00	3.81E+00	1.19E+00	1.96E+00	6.44E-01	1.77E-01	5.75E-02	1.11E-09	3.62E-10
4.36E+00	8.13E-01	2.03E+01	6.67E+00	1.25E+01	4.04E+00	9.28E+00	2.92E+00	7.71E+00	2.21E+00	3.74E+00	1.17E+00	1.90E+00	6.25E-01	1.81E-01	5.57E-02	1.14E-09	3.50E-10
3.92E+00	7.80E-01	2.03E+01	6.37E+00	1.26E+01	3.83E+00	9.25E+00	2.77E+00	7.33E+00	2.11E+00	3.54E+00	1.12E+00	1.80E+00	5.96E-01	1.79E-01	5.28E-02	1.12E-09	3.32E-10
3.22E+00	7.80E-01	2.22E+01	5.95E+00	1.37E+01	3.55E+00	1.01E+01	2.56E+00	6.77E+00	1.96E+00	3.43E+00	1.05E+00	1.93E+00	5.54E-01	1.95E-01	4.89E-02	1.22E-09	3.07E-10
3.14E+00	8.16E-01	2.36E+01	5.35E+00	1.45E+01	3.16E+00	1.07E+01	2.27E+00	6.86E+00	1.77E+00	3.66E+00	9.54E-01	2.06E+00	4.94E-01	2.07E-01	4.33E-02	1.30E-09	2.73E-10
3.28E+00	8.10E-01	2.35E+01	4.66E+00	1.43E+01	2.72E+00	1.06E+01	1.96E+00	6.56E+00	1.51E+00	3.63E+00	9.10E-01	2.06E+00	4.87E-01	2.06E-01	3.73E-02	1.29E-09	2.35E-10
3.29E+00	7.80E-01	2.16E+01	4.00E+00	1.30E+01	2.23E+00	9.76E+00	1.69E+00	5.78E+00	1.16E+00	3.35E+00	9.08E-01	1.90E+00	4.86E-01	1.89E-01	3.12E-02	1.19E-09	1.97E-10
3.38E+00	8.11E-01	1.83E+01	3.97E+00	1.09E+01	2.20E+00	8.15E+00	1.66E+00	5.74E+00	1.13E+00	3.36E+00	8.77E-01	1.79E+00	4.64E-01	1.58E-01	3.08E-02	9.92E-10	1.94E-10
3.33E+00	7.96E-01	1.91E+01	3.95E+00	1.14E+01	2.20E+00	8.54E+00	1.66E+00	5.88E+00	1.08E+00	3.52E+00	8.04E-01	1.83E+00	4.26E-01	1.65E-01	3.12E-02	1.04E-09	1.97E-10
4.66E+00	7.13E-01	1.85E+01	3.59E+00	1.10E+01	2.04E+00	8.29E+00	1.53E+00	6.24E+00	9.54E-01	3.69E+00	7.34E-01	1.83E+00	3.64E-01	1.61E-01	2.92E-02	1.01E-09	1.84E-10
3.73E+00	7.08E-01	1.59E+01	2.89E+00	9.49E+00	1.67E+00	7.20E+00	1.26E+00	5.83E+00	9.00E-01	3.36E+00	6.13E-01	1.67E+00	3.00E-01	1.41E-01	2.44E-02	8.89E-10	1.54E-10
4.01E+00	7.26E-01	1.40E+01	2.24E+00	8.16E+00	1.26E+00	6.13E+00	9.34E-01	7.47E+00	9.14E-01	3.30E+00	6.79E-01	1.40E+00	3.13E-01	1.19E-01	1.85E-02	7.48E-10	1.16E-10
5.93E+00	4.42E-01	9.80E+00	1.49E+00	5.78E+00	8.61E-01	4.58E+00	6.81E-01	1.09E+01	7.75E-01	4.33E+00	4.13E-01	1.78E+00	1.98E-01	9.06E-02	1.34E-02	5.70E-10	8.42E-11
5.14E+00	5.16E-01	9.11E+00	7.42E-01	4.77E+00	4.27E-01	3.48E+00	3.19E-01	3.83E+00	3.25E-01	3.60E+00	4.91E-01	1.84E+00	2.54E-01	6.32E-02	6.04E-03	3.97E-10	3.77E-11
5.73E+00	3.29E-01	9.08E+00	7.91E-01	4.79E+00	4.54E-01	3.51E+00	3.39E-01	2.86E+00	3.10E-01	4.02E+00	2.84E-01	2.06E+00	1.62E-01	6.49E-02	6.43E-03	4.07E-10	4.01E-11
6.17E+00	3.53E-01	8.74E+00	8.39E-01	4.67E+00	4.82E-01	3.45E+00	3.60E-01	4.80E+00	5.48E-01	4.33E+00	2.56E-01	2.23E+00	1.38E-01	6.32E-02	6.82E-03	3.97E-10	4.26E-11
6.37E+00	3.69E-01	8.14E+00	8.84E-01	4.44E+00	5.10E-01	3.29E+00	3.79E-01	4.80E+00	7.47E-01	4.47E+00	2.63E-01	2.31E+00	1.31E-01	6.15E-02	7.18E-03	3.86E-10	4.48E-11
6.39E+00	3.74E-01	7.80E+00	9.27E-01	4.55E+00	5.37E-01	3.41E+00	3.98E-01	4.76E+00	7.86E-01	4.47E+00	3.56E-01	2.51E+00	1.69E-01	6.48E-02	7.53E-03	4.07E-10	4.71E-11
1.63E+01	8.01E-01	8.10E+00	1.29E+00	4.70E+00	7.08E-01	3.54E+00	4.26E-01	4.45E+00	6.43E-01	1.05E+01	5.11E-01	6.29E+00	3.09E-01	6.73E-02	8.01E-03	4.22E-10	5.00E-11
1.60E+01	7.23E-01	1.17E+01	1.99E+00	6.79E+00	1.09E+00	4.77E+00	7.46E-01	4.02E+00	7.48E-01	9.07E+00	5.07E-01	5.59E+00	2.62E-01	9.16E-02	1.40E-02	5.76E-10	8.80E-11
1.96E+01	8.99E-01	1.22E+01	2.16E+00	7.03E+00	1.15E+00	5.15E+00	8.37E-01	5.35E+00	7.07E-01	1.10E+01	5.75E-01	6.88E+00	3.17E-01	9.76E-02	1.53E-02	6.14E-10	9.61E-11
2.27E+01	1.01E+00	1.15E+01	2.14E+00	6.65E+00	1.10E+00	4.97E+00	8.54E-01	6.10E+00	8.46E-01	1.24E+01	6.47E-01	7.75E+00	3.47E-01	9.49E-02	1.51E-02	5.97E-10	9.48E-11
1.75E+01	7.79E-01	1.27E+01	1.98E+00	7.35E+00	9.78E-01	5.50E+00	7.93E-01	7.92E+00	1.07E+00	9.45E+00	6.51E-01	5.93E+00	3.50E-01	1.05E-01	1.35E-02	6.63E-10	8.51E-11
1.04E+01	6.87E-01	1.49E+01	1.76E+00	9.42E+00	1.04E+00	5.94E+00	6.97E-01	8.84E+00	1.24E+00	5.60E+00	6.20E-01	3.51E+00	3.36E-01	1.14E-01	1.16E-02	7.20E-10	7.27E-11
5.05E+00	6.77E-01	1.91E+01	2.11E+00	1.20E+01	1.29E+00	7.62E+00	7.67E-01	9.61E+00	1.35E+00	3.41E+00	6.00E-01	1.70E+00	3.18E-01	1.44E-01	1.35E-02	9.08E-10	8.51E-11
4.64E+00	6.84E-01	2.22E+01	2.62E+00	1.39E+01	1.60E+00	9.24E+00	1.02E+00	9.83E+00	1.45E+00	3.85E+00	6.90E-01	1.82E+00	3.22E-01	1.76E-01	1.80E-02	1.11E-09	1.13E-10
4.90E+00	6.84E-01	2.30E+01	2.98E+00	1.43E+01	1.81E+00	9.76E+00	1.21E+00	1.03E+01	1.45E+00	3.98E+00	7.25E-01	1.96E+00	3.54E-01	1.86E-01	2.18E-02	1.17E-09	1.37E-10
4.71E+00	6.76E-01	2.56E+01	3.15E+00	1.60E+01	1.92E+00	1.17E+01	1.32E+00	1.02E+01	1.39E+00	3.95E+00	7.23E-01	2.01E+00	3.64E-01	2.29E-01	2.41E-02	1.44E-09	1.51E-10
4.64E+00	6.50E-01	2.96E+01	3.15E+00	1.84E+01	1.92E+00	1.36E+01	1.35E+00	9.48E+00	1.29E+00	4.09E+00	6.92E-01	2.32E+00	3.58E-01	2.64E-01	2.51E-02	1.66E-09	1.58E-10
3.86E+00	7.33E-01	2.23E+01	6.34E+00	1.37E+01	3.88E+00	9.84E+00	2.83E+00	7.63E+00	2.03E+00	3.98E+00	1.06E+00	2.10E+00	5.76E-01	1.89E-01	5.41E-02	1.19E-09	3.40E-10
3.65E+00	7.00E-01	2.22E+01	6.37E+00	1.37E+01	3.88E+00	9.78E+00	2.83E+00	7.53E+00	2.02E+00	3.88E+00	1.06E+00	2.02E+00	5.76E-01	1.88E-01	5.43E-02	1.18E-09	3.42E-10
3.26E+00	7.66E-01	2.15E+01	6.27E+00	1.32E+01	3.81E+00	9.48E+00	2.79E+00	7.31E+00	1.96E+00	3.78E+00	1.03E+00	1.90E+00	5.63E-01	1.83E-01	5.35E-02	1.15E-09	3.37E-10
3.05E+00	8.06E-01	2.01E+01	5.97E+00	1.23E+01	3.62E+00	8.85E+00	2.64E+00	7.24E+00	1.85E+00	3.67E+00	9.79E-01	1.82E+00	5.32E-01	1.71E-01	5.08E-02	1.08E-09	3.20E-10
3.05E+00	8.16E-01	1.98E+01	5.53E+00	1.23E+01	3.33E+00	9.09E+00	2.44E+00	6.71E+00	1.68E+00	3.41E+00	9.01E-01	1.74E+00	4.89E-01	1.77E-01	4.70E-02	1.11E-09	2.96E-10
3.25E+00	8.05E-01	2.13E+01	4.89E+00	1.32E+01	2.92E+00	9.76E+00	2.15E+00	6.54E+00	1.44E+00	3.49E+00	9.15E-01	1.82E+00	4.98E-01	1.90E-01	4.14E-02	1.19E-09	2.61E-10
3.36E+00	7.79E-01	2.23E+01	4.85E+00	1.37E+01	2.82E+00	1.02E+01	2.11E+00	6.68E+00	1.43E+00	3.60E+00	9.56E-01	1.85E+00	5.18E-01	1.99E-01	3.96E-02	1.25E-09	2.49E-10
3.83E+00	8.52E-01	2.17E+01	4.98E+00	1.33E+01	2.87E+00	9.98E+00	2.15E+00	6.65E+00	1.40E+00	3.51E+00	9.60E-01	1.90E+00	5.21E-01	1.95E-01	4.07E-02	1.22E-09	2.56E-10
3.77E+00	8.49E-01	2.05E+01	4.81E+00	1.24E+01	2.75E+00	9.13E+00	2.08E+00	7.22E+00	1.27E+00	3.61E+00	8.99E-01	2.00E+00	4.90E-01	1.75E-01	3.96E-02	1.10E-09	2.49E-10
4.32E+00	8.09E-01	2.00E+01	4.40E+00	1.20E+01	2.50E+00	8.93E+00	1.90E+00	6.64E+00	1.09E+00	3.65E+00	8.65E-01	1.95E+00	4.49E-01	1.72E-01	3.64E-02	1.08E-09	2.29E-10
5.85E+00	7.57E-01	2.00E+01	3.93E+00	1.18E+01	2.24E+00	8.59E+00	1.72E+00	6.62E+00	1.05E+00	3.77E+00	8.24E-01	2.12E+00	4.28E-01	1.66E-01	3.32E-02	1.04E-09	2.09E-10
4.94E+00	8.39E-01	1.99E+01	3.36E+00	1.17E+01	1.85E+00	8.59E+00	1.42E+00	6.02E+00	9.34E-01	3.55E+00	7.07E-01	1.90E+00	3.72E-01	1.63E-01	2.78E-02	1.03E-09	1.75E-10
4.06E+00	9.44E-01	1.71E+01	2.81E+00	1.00E+01	1.58E+00	7.52E+00	1.20E+00	6.27E+00	1.01E+00	3.36E+00	8.04E-01	1.52E+00	3.75E-01	1.45E-01	2.29E-02	9.13E-10	1.44E-10
4.40E+00	6.55E-01	1.32E+01	2.07E+00	7.50E+00	1.17E+00	5.67E+00	9.03E-01	8.20E+00	8.35E-01	4.03E+00	7.13E-01	1.59E+00	3.38E-01	1.10E-01	1.76E-02	6.94E-10	1.10E-10
6.52E+00	7.21E-01	1.33E+01	1.66E+00	7.61E+00	9.05E-01	5.81E+00	6.96E-01	1.01E+01	9.64E-01	5.18E+00	6.21E-01	2.29E+00	2.88E-01	1.11E-01	1.29E-02	6.96E-10	8.13E-11
4.75E+00	5.77E-01	1.07E+01	1.27E+00	5.74E+00	6.31E-01	4.59E+00	4.80E-01	5.87E+00	5.39E-01	3.33E+00	5.37E-01	1.71E+00	2.70E-01	9.01E-02	9.36E-03	5.67E-10	5.89E-11
5.24E+00	3.84E-01	9.62E+00	1.03E+00	5.30E+00	5.45E-01	4.28E+00	4.17E-01	4.19E+00	5.53E-01	3.68E+00	3.81E-01	1.89E+00	2.12E-01	7.93E-02	7.53E-03	4.99E-10	4.74E-11
5.62E+00	3.75E-01	8.16E+00	7.89E-01	4.42E+00	4.61E-01	3.25E+00	3.45E-01	4.57E+00	4.61E-01	3.95E+00	3.38E-01	2.03E+00	1.79E-01	6.01E-02	6.59E-03	3.77E-10	4.11E-11
5.85E+00	3.54E-01	8.37E+00	8.32E-01	4.64E+00	4.88E-01	3.11E+00	3.64E-01	5.48E+00	7.18E-01	4.10E+00	3.18E-01	2.12E+00	1.79E-01	5.89E-02	6.95E-03	3.70E-10	4.34E-11
5.91E+00	4.01E-01	1.28E+01	1.37E+00	7.06E+00	7.09E-01	5.08E+00	4.29E-01	4.74E+00	7.59E-01	4.14E+00	4.04E-01	2.16E+00	1.73E-01	9.09E-02	7.35E-03	5.72E-10	4.62E-11
1.18E+01	6.48E-01	1.10E+01	1.68E+00	6.05E+00	9.04E-01	4.77E+00	5.55E-01	5.28E+00	8.72E-01	9.78E+00	5.08E-01	5.57E+00	2.91E-01	8.50E-02	9.73E-03	5.35E-10	6.13E-11
2.21E+01	1.04E+00	1.16E+01	1.97E+00	6.41E+00	1.03E+00	4.50E+00	7.18E-01	4.99E+00	8.01E-01	1.42E+01	6.68E-01	8.46E+00	3.97E-01	8.14E-02	1.25E-02	5.12E-10	7.89E-11
1.79E+01	8.04E-01	1.28E+01	2.41E+00	7.51E+00	1.34E+00	5.43E+00	9.44E-01	4.76E+00	8.00E-01	1.06E+01	6.25E-01	6.44E+00	3.19E-01	1.05E-01	1.79E-02	6.59E-10	1.13E-10

Scenario 2 Results

2.04E+01	9.52E-01	1.50E+01	2.98E+00	8.87E+00	1.64E+00	6.59E+00	1.22E+00	4.47E+00	8.49E-01	1.17E+01	6.36E-01	7.31E+00	3.43E-01	1.27E-01	2.29E-02	8.01E-10	1.44E-10
2.44E+01	1.10E+00	1.52E+01	3.11E+00	8.97E+00	1.71E+00	6.76E+00	1.30E+00	5.66E+00	8.53E-01	1.36E+01	7.17E-01	8.48E+00	3.84E-01	1.29E-01	2.41E-02	8.14E-10	1.51E-10
2.09E+01	9.27E-01	1.37E+01	2.96E+00	8.56E+00	1.60E+00	6.14E+00	1.24E+00	7.10E+00	8.07E-01	1.14E+01	7.33E-01	7.17E+00	3.96E-01	1.17E-01	2.25E-02	7.36E-10	1.42E-10
1.41E+01	7.07E-01	1.75E+01	2.79E+00	1.12E+01	1.49E+00	7.98E+00	1.17E+00	7.86E+00	9.19E-01	7.63E+00	7.26E-01	4.78E+00	3.93E-01	1.54E-01	2.09E-02	9.72E-10	1.32E-10
8.42E+00	7.33E-01	2.09E+01	2.65E+00	1.32E+01	1.38E+00	9.51E+00	1.09E+00	8.38E+00	1.10E+00	4.56E+00	7.14E-01	2.85E+00	3.83E-01	1.84E-01	1.92E-02	1.15E-09	1.21E-10
5.32E+00	7.33E-01	2.28E+01	2.56E+00	1.43E+01	1.49E+00	1.04E+01	1.11E+00	9.61E+00	1.23E+00	3.63E+00	6.97E-01	1.98E+00	3.72E-01	2.00E-01	2.07E-02	1.26E-09	1.30E-10
5.55E+00	7.17E-01	2.33E+01	2.86E+00	1.44E+01	1.68E+00	1.06E+01	1.26E+00	9.76E+00	1.27E+00	3.77E+00	6.72E-01	2.09E+00	3.58E-01	2.02E-01	2.39E-02	1.27E-09	1.50E-10
5.45E+00	6.90E-01	2.29E+01	3.00E+00	1.44E+01	1.79E+00	1.03E+01	1.34E+00	9.15E+00	1.26E+00	3.81E+00	6.57E-01	2.11E+00	3.56E-01	1.96E-01	2.55E-02	1.23E-09	1.60E-10
3.30E+00	7.28E-01	2.15E+01	5.57E+00	1.31E+01	3.40E+00	9.32E+00	2.49E+00	7.77E+00	1.70E+00	3.84E+00	8.90E-01	2.03E+00	4.91E-01	1.77E-01	4.80E-02	1.11E-09	3.02E-10
3.30E+00	7.77E-01	2.15E+01	5.43E+00	1.31E+01	3.30E+00	9.28E+00	2.43E+00	7.67E+00	1.63E+00	3.75E+00	8.81E-01	1.95E+00	4.76E-01	1.77E-01	4.69E-02	1.11E-09	2.95E-10
3.20E+00	8.01E-01	2.04E+01	5.11E+00	1.24E+01	3.10E+00	8.82E+00	2.29E+00	7.08E+00	1.49E+00	3.46E+00	9.24E-01	1.80E+00	4.99E-01	1.69E-01	4.41E-02	1.06E-09	2.78E-10
3.44E+00	8.74E-01	1.97E+01	4.94E+00	1.20E+01	2.94E+00	8.75E+00	2.20E+00	6.58E+00	1.45E+00	3.44E+00	9.52E-01	1.87E+00	5.13E-01	1.66E-01	4.17E-02	1.05E-09	2.62E-10
3.46E+00	9.02E-01	2.03E+01	5.14E+00	1.23E+01	3.05E+00	8.94E+00	2.28E+00	6.82E+00	1.48E+00	3.49E+00	9.48E-01	1.88E+00	5.11E-01	1.70E-01	4.34E-02	1.07E-09	2.73E-10
3.66E+00	8.57E-01	2.07E+01	5.29E+00	1.26E+01	3.12E+00	9.08E+00	2.34E+00	6.87E+00	1.48E+00	3.52E+00	9.33E-01	1.89E+00	5.17E-01	1.73E-01	4.47E-02	1.09E-09	2.81E-10
3.85E+00	8.57E-01	2.04E+01	5.33E+00	1.26E+01	3.13E+00	9.22E+00	2.36E+00	8.32E+00	1.44E+00	3.81E+00	9.70E-01	1.85E+00	5.29E-01	1.77E-01	4.51E-02	1.11E-09	2.84E-10
3.51E+00	8.33E-01	2.25E+01	5.10E+00	1.37E+01	2.98E+00	1.01E+01	2.26E+00	8.60E+00	1.40E+00	3.78E+00	9.74E-01	2.05E+00	5.27E-01	1.95E-01	4.34E-02	1.22E-09	2.73E-10
4.86E+00	7.77E-01	2.28E+01	4.59E+00	1.38E+01	2.67E+00	1.03E+01	2.04E+00	7.40E+00	1.34E+00	3.72E+00	9.35E-01	2.09E+00	4.98E-01	1.98E-01	3.94E-02	1.24E-09	2.48E-10
6.24E+00	7.77E-01	2.29E+01	4.26E+00	1.39E+01	2.39E+00	1.02E+01	1.81E+00	6.99E+00	1.17E+00	3.75E+00	8.60E-01	2.30E+00	4.62E-01	1.97E-01	3.40E-02	1.24E-09	2.14E-10
5.50E+00	9.10E-01	2.14E+01	3.82E+00	1.29E+01	2.14E+00	9.60E+00	1.63E+00	5.97E+00	9.79E-01	3.42E+00	7.64E-01	2.09E+00	3.98E-01	1.85E-01	3.09E-02	1.16E-09	1.94E-10
4.26E+00	1.04E+00	1.93E+01	3.30E+00	1.15E+01	1.87E+00	8.77E+00	1.44E+00	5.59E+00	1.03E+00	3.39E+00	8.81E-01	1.68E+00	4.20E-01	1.70E-01	2.77E-02	1.07E-09	1.74E-10
4.97E+00	9.03E-01	1.68E+01	2.62E+00	9.74E+00	1.48E+00	7.45E+00	1.15E+00	8.35E+00	9.50E-01	4.16E+00	8.88E-01	1.71E+00	4.32E-01	1.43E-01	2.22E-02	8.97E-10	1.40E-10
5.88E+00	7.01E-01	1.64E+01	2.25E+00	9.45E+00	1.22E+00	7.18E+00	9.33E-01	1.01E+01	7.76E-01	4.32E+00	6.06E-01	1.77E+00	3.14E-01	1.36E-01	1.71E-02	8.56E-10	1.08E-10
5.09E+00	9.80E-01	1.51E+01	1.75E+00	8.44E+00	9.77E-01	6.63E+00	7.75E-01	8.40E+00	8.62E-01	4.29E+00	8.22E-01	2.01E+00	3.92E-01	1.29E-01	1.47E-02	8.09E-10	9.28E-11
4.38E+00	5.93E-01	1.54E+01	2.02E+00	8.61E+00	1.04E+00	6.62E+00	8.46E-01	5.92E+00	5.96E-01	3.49E+00	5.77E-01	1.83E+00	3.18E-01	1.23E-01	1.50E-02	7.72E-10	9.46E-11
4.80E+00	4.95E-01	1.36E+01	1.53E+00	7.64E+00	8.32E-01	6.13E+00	6.27E-01	4.58E+00	6.29E-01	3.48E+00	4.83E-01	1.81E+00	2.68E-01	1.16E-01	1.16E-02	7.31E-10	7.28E-11
5.13E+00	4.31E-01	1.07E+01	1.25E+00	5.69E+00	6.56E-01	4.55E+00	5.12E-01	4.39E+00	4.77E-01	3.59E+00	4.41E-01	1.86E+00	2.38E-01	8.14E-02	9.05E-03	5.12E-10	5.70E-11
5.34E+00	4.92E-01	1.17E+01	9.70E-01	6.31E+00	5.25E-01	4.87E+00	3.93E-01	5.55E+00	5.38E-01	3.74E+00	4.44E-01	1.95E+00	2.45E-01	8.69E-02	6.71E-03	5.47E-10	4.23E-11
5.45E+00	4.19E-01	1.51E+01	1.36E+00	8.57E+00	7.47E-01	5.94E+00	4.34E-01	6.05E+00	7.91E-01	3.81E+00	3.93E-01	1.99E+00	2.05E-01	1.08E-01	7.55E-03	6.82E-10	4.75E-11
6.59E+00	5.07E-01	1.63E+01	1.95E+00	9.25E+00	1.02E+00	6.94E+00	7.02E-01	5.02E+00	7.82E-01	6.42E+00	5.29E-01	3.57E+00	2.49E-01	1.28E-01	1.24E-02	8.04E-10	7.82E-11
1.69E+01	8.73E-01	1.30E+01	2.08E+00	7.39E+00	1.14E+00	5.75E+00	7.51E-01	5.56E+00	9.43E-01	1.30E+01	6.47E-01	7.40E+00	3.70E-01	1.06E-01	1.34E-02	6.64E-10	8.42E-11
1.91E+01	9.29E-01	1.44E+01	2.56E+00	8.27E+00	1.41E+00	5.78E+00	9.83E-01	5.65E+00	1.03E+00	1.28E+01	6.58E-01	7.46E+00	3.61E-01	1.06E-01	1.76E-02	6.68E-10	1.11E-10
1.26E+01	6.73E-01	1.51E+01	2.60E+00	8.83E+00	1.46E+00	6.17E+00	1.05E+00	5.90E+00	9.65E-01	8.06E+00	6.91E-01	4.76E+00	3.51E-01	1.15E-01	2.01E-02	7.22E-10	1.27E-10
1.88E+01	8.84E-01	1.51E+01	3.25E+00	9.04E+00	1.84E+00	6.71E+00	1.36E+00	5.32E+00	9.39E-01	1.10E+01	6.46E-01	6.82E+00	3.39E-01	1.30E-01	2.58E-02	8.17E-10	1.62E-10
2.35E+01	1.06E+00	1.57E+01	3.58E+00	9.45E+00	2.03E+00	7.05E+00	1.52E+00	5.55E+00	1.02E+00	1.33E+01	7.29E-01	8.28E+00	3.90E-01	1.36E-01	2.86E-02	8.57E-10	1.80E-10
2.19E+01	9.71E-01	1.81E+01	3.71E+00	1.16E+01	2.10E+00	8.35E+00	1.60E+00	6.09E+00	1.05E+00	1.21E+01	7.86E-01	7.59E+00	4.27E-01	1.63E-01	2.97E-02	1.03E-09	1.87E-10
1.68E+01	7.43E-01	2.33E+01	3.74E+00	1.49E+01	2.12E+00	1.08E+01	1.62E+00	7.47E+00	1.05E+00	9.22E+00	8.06E-01	5.77E+00	4.42E-01	2.10E-01	3.00E-02	1.32E-09	1.89E-10
1.11E+01	7.02E-01	2.68E+01	3.66E+00	1.70E+01	2.07E+00	1.24E+01	1.59E+00	8.67E+00	1.02E+00	6.07E+00	7.94E-01	3.80E+00	4.36E-01	2.42E-01	2.93E-02	1.52E-09	1.84E-10
6.58E+00	6.97E-01	2.88E+01	3.54E+00	1.82E+01	1.97E+00	1.33E+01	1.52E+00	8.88E+00	9.66E-01	4.15E+00	7.68E-01	2.37E+00	4.21E-01	2.58E-01	2.80E-02	1.63E-09	1.76E-10
5.46E+00	6.75E-01	2.92E+01	3.34E+00	1.83E+01	1.83E+00	1.35E+01	1.42E+00	9.20E+00	1.03E+00	4.33E+00	7.33E-01	2.47E+00	3.99E-01	2.61E-01	2.60E-02	1.64E-09	1.64E-10
3.35E+00	9.14E-01	2.13E+01	4.74E+00	1.30E+01	2.80E+00	9.45E+00	2.09E+00	7.02E+00	1.47E+00	3.55E+00	9.32E-01	1.85E+00	5.08E-01	1.83E-01	4.00E-02	1.15E-09	2.51E-10
3.33E+00	9.80E-01	1.96E+01	5.02E+00	1.20E+01	2.97E+00	8.75E+00	2.21E+00	6.80E+00	1.52E+00	3.62E+00	9.66E-01	1.89E+00	5.26E-01	1.69E-01	4.22E-02	1.07E-09	2.66E-10
3.41E+00	1.00E+00	2.07E+01	5.19E+00	1.27E+01	3.12E+00	9.33E+00	2.33E+00	6.61E+00	1.52E+00	3.67E+00	9.66E-01	1.85E+00	5.28E-01	1.79E-01	4.46E-02	1.13E-09	2.81E-10
3.38E+00	9.79E-01	2.11E+01	5.32E+00	1.30E+01	3.19E+00	9.53E+00	2.40E+00	7.11E+00	1.47E+00	3.71E+00	9.78E-01	1.86E+00	5.11E-01	1.83E-01	4.59E-02	1.15E-09	2.89E-10
3.59E+00	9.10E-01	2.10E+01	5.31E+00	1.29E+01	3.17E+00	9.46E+00	2.39E+00	8.60E+00	1.50E+00	3.94E+00	1.01E+00	1.90E+00	5.59E-01	1.83E-01	4.60E-02	1.15E-09	2.89E-10
3.50E+00	8.60E-01	2.02E+01	5.28E+00	1.24E+01	3.08E+00	9.15E+00	2.33E+00	9.28E+00	1.56E+00	4.18E+00	1.06E+00	2.01E+00	5.88E-01	1.77E-01	4.49E-02	1.12E-09	2.83E-10
3.59E+00	8.21E-01	2.13E+01	5.37E+00	1.31E+01	3.09E+00	9.67E+00	2.36E+00	8.78E+00	1.53E+00	3.94E+00	1.06E+00	1.92E+00	5.87E-01	1.87E-01	4.43E-02	1.18E-09	2.79E-10
5.25E+00	7.93E-01	2.29E+01	5.09E+00	1.41E+01	2.97E+00	1.04E+01	2.22E+00	7.00E+00	1.46E+00	3.48E+00	9.62E-01	1.97E+00	5.31E-01	2.02E-01	4.21E-02	1.27E-09	2.65E-10
6.22E+00	7.95E-01	2.35E+01	4.82E+00	1.44E+01	2.80E+00	1.07E+01	2.11E+00	7.27E+00	1.31E+00	3.74E+00	8.79E-01	2.32E+00	4.81E-01	2.07E-01	4.01E-02	1.30E-09	2.52E-10
5.57E+00	9.54E-01	2.30E+01	4.30E+00	1.41E+01	2.48E+00	1.05E+01	1.89E+00	6.95E+00	1.12E+00	3.61E+00	8.17E-01	2.12E+00	4.32E-01	2.05E-01	3.61E-02	1.29E-09	2.27E-10
4.43E+00	1.06E+00	2.03E+01	3.57E+00	1.23E+01	2.01E+00	9.40E+00	1.55E+00	6.36E+00	1.14E+00	3.57E+00	9.17E-01	1.87E+00	4.39E-01	1.83E-01	2.99E-02	1.15E-09	1.88E-10
4.75E+00	1.06E+00	1.80E+01	3.10E+00	1.07E+01	1.76E+00	8.12E+00	1.37E+00	7.40E+00	1.09E+00	3.86E+00	9.80E-01	1.79E+00	4.86E-01	1.56E-01	2.63E-02	9.83E-10	1.66E-10
4.06E+00	7.95E-01	1.86E+01	2.81E+00	1.10E+01	1.54E+00	8.30E+00	1.18E+00	5.95E+00	7.83E-01	3.56E+00	8.42E-01	1.80E+00	4.12E-01	1.59E-01	2.18E-02	9.98E-10	1.37E-10
6.17E+00	9.32E-01	1.80E+01	2.46E+00	1.06E+01	1.36E+00	8.21E+00	1.07E+00	8.75E+00	9.11E-01	4.76E+00	7.42E-01	2.05E+00	3.51E-01	1.59E-01	2.02E-02	9.99E-10	1.27E-10
4.67E+00	1.04E+00	1.73E+01	2.58E+00	9.98E+00	1.33E+00	7.72E+00	1.04E+00	6.07E+00	7.85E-01	4.08E+00	8.94E-01	1.91E+00	4.40E-01	1.46E-01	1.82E-02	9.22E-10	1.14E-10
4.02E+00	6.79E-01	1.79E+01	2.52E+00	1.03E+01	1.32E+00	8.01E+00	1.09E+00	5.88E+00	6.18E-01	3.72E+00	6.51E-01	1.89E+00	3.67E-01	1.52E-01	1.98E-02	9.55E-10	1.24E-10
4.38E+00	6.00E-01	1.62E+01	1.73E+00	9.19E+00	9.56E-01	7.17E+00	7.15E-01	4.92E+00	6.37E-01	3.69E+00	5.81E-01	1.97E+00	3.24E-01	1.34E-01	1.30E-02	8.44E-10	8.16E-11
5.03E+00	4.92E-01	1.32E+01	1.52E+00	7.29E+00	8.07E-01	5.77E+00	6.13E-01	4.71E+00	5.34E-01	3.40E+00	5.31E-01	1.97E+00	2.80E-01	1.06E-01	1.10E-02	6.65E-10	6.90E-11
4.87E+00	6.02E-01	1.39E+01	1.26E+00	7.65E+00	6.67E-01	5.72E+00	5.29E-01	4.61E+00	4.96E-01	3.41E+00	5.50E-01	1.78E+00	2.92E-01	1.04E-01	9.25E-03	6.53E-10	5.82E-11
4.99E+00	4.93E-01	1.39E+01	1.32E+00	8.07E+00	6.39E-01	5.57E+00	4.73E-01	6.00E+00	6.56E-01	3.49E+00	4.50E-01	1.83E+00	2.48E-01	1.02E-01	7.91E-03	6.43E-10	4.98E-11
5.02E+00	4.78E-01	1.88E+01	1.92E+00	1.10E+01	1.05E+00	7.99E+00	6.85E-01	6.29E+00	8.86E-01	3.90E+00	4.62E-01	2.19E+00	2.43E-01	1.50E-01	1.23E-02	9.41E-10	7.74E-11
9.73E+00	6.02E-01	1.86E+01	2.52E+00	1.10E+01	1.37E+00	8.26E+00	9.62E-01	5.76E+00	9.66E-01	8.47E+00	6.37E-01	4.71E+00	3.10E-01	1.56E-01	1.73E-02	9.79E-10	1.09E-10
1.33E+01	7.53E-01	1.50E+01	2.54E+00	8.87E+00	1.45E+00	6.81E+00	9.77E-01	6.15E+00	1.12E+00	1.00E+01	6.74E-01	5.60E+00	3.47E-01	1.28E-01	1.77E-02	8.06E-10	1.12E-10
1.16E+01	6.40E-01	1.63E+01	2.97E+00	9.64E+00	1.71E+00	6.79E+00	1.19E+00	6.16E+00	1.18E+00	7.93E+00	6.76E-01	4.51E+00	3.34E-01	1.27E-01	2.18E-02	7.98E-10	1.37E-10
9.22E+00	6.39E-01	1.69E+01	3.15E+00	1.02E+01	1.81E+00	7.19E+00	1.31E+00	6.25E+00	1.13E+00	5.83E+00	7.17E-01	3.53E+00	3.71E-01	1.36E-01	2.40E-02	8.54E-10	1.51E-10
1.70E+01	8.03E-01	1.81E+01	3.27E+00	1.08E+01	1.89E+00	7.89E+00	1.39E+00	6.60E+00	1.02E+00	9.97E+00	6.94E-01	6.19E+00	3.70E-01	1.49E-01	2.64E-02	9.39E-10	1.66E-10
2.18E+01	9.92E-01	1.74E+01	3.86E+00	1.05E+01	2.24E+00	7.69E+00	1.67E+00	5.99E+00	1.12E+00	1.24E+01	7.26E-01	7.75E+00	3.91E-01	1.46E-01	3.16E-02	9.21E-10	1.99E-10
2.13E+01	9.59E-01	2.14E+01	4.26E+00	1.37E+01	2.49E+00	1.00E+01	1.87E+00	6.59E+00	1.20E+00	1.20E+01	8.06E-01	7.48E+00	4.44E-01	1.96E-01	3.54E-02	1.24E-09	2.23E-10
1.74E+01	7.76E-01	2.67E+01	4.44E+00	1.71E+01	2.60E+00	1.25E+01	1.97E+00	8.05E+00	1.23E+00	9.67E+00	8.42E-01	6.04E+00	4.70E-01	2.46E-01	3.73E-02	1.54E-09	2.34E-10
1.25E+01	7.16E-01	3.04E+01	4.37E+00	1.93E+01	2.56E+00	1.42E+01	1.95E+00	9.06E+00	1.19E+00	6.92E+00	8.31E-01	4.33E+00	4.67E-01	2.78E-01	3.67E-02	1.75E-09	2.31E-10
8.02E+00	6.29E-01	3.22E+01	4.17E+00	2.05E+01	2.43E+00	1.51E+01	1.85E+00	9.62E+00	1.13E+00	4.43E+00	7.96E-01	2.77E+00	4.46E-01	2.94E-01	3.49E-02	1.85E-09	2.20E-10
3.25E+00	1.07E+00	2.10E+01	5.29E+00	1.28E+01	3.15E+00	9.33E+00	2.35E+00	7.05E+00	1.53E+00	3.75E+00	1.08E+00	1.94E+00	5.75E-01	1.79E-01	4.48E-02	1.12E-09	2.82E-10
3.26E+00	1.06E+00	2.11E+01	5.34E+00	1.27E+01	3.18E+00	9.49E+00	2.38E+00	7.31E+00	1.50E+00	3.85E+00	1.11E+00	1.99E+00	5.85E-01	1.86E-01	4.55E-02	1.17E-09	2.86E-10
3.19E+00	9.84E-01	2.22E+01	5.22E+00	1.33E+01	3.10E+00	1.02E+01	2.34E+00	8.00E+00	1.53E+00	3.75E+00	1.08E+00	1.93E+00	5.64E-01	2.02E-01	4.49E-02	1.27E-09	2.82E-10
3.38E+00	8.56E-01	2.22E+01	5.49E+00	1.33E+01	3.25E+00	1.04E+01	2.45E+00	8.82E+00	1.62E+00	4.06E+00	1.06E+00	2.04E+00	5.88E-01	2.06E-01	4.60E-02	1.30E-09	2.90E-10
3.56E+00	8.42E-01	2.30E+01	5.83E+00	1.41E+01	3.43E+00	9.82E+00	2.60E+00	9.06E+00	1.66E+00	4.10E+00	1.11E+00	2.08E+00	6.19E-01	1.96E-01	4.91E-02	1.23E-09	3.09E-10
3.86E+00	7.91E-01	2.33E+01	5.88E+00	1.43E+01	3.44E+00	1.01E+01	2.62E+00	8.20E+00	1.61E+00	3.80E+00	1.09E+00	1.99E+00	6.12E-01	1.95E-01	4.97E-02	1.22E-09	3.13E-10
5.29E+00	8.17E-01	2.04E+01	5.54E+00	1.25E+01	3.23E+00	9.13E+00	2.47E+00	7.88E+00	1.44E+00	3.78E+00	9.87E-01	1.94E+00	5.56E-01	1.77E-01	4.72E-02	1.12E-09	2.97E-10
6.13E+00	8.00E-01	2.10E+01	4.92E+00	1.29E+01	2.90E+00	9.48E+00	2.19E+00	7.65E+00	1.30E+00	3.70E+00	8.60E-01	2.29E+00	4.76E-01	1.85E-01	4.20E-02	1.16E-09	2.64E-10
5.56E+00	9.37E-01	2.19E+01	4.43E+00	1.34E+01	2.60E+00	9.96E+00	1.98E+00	7.53E+00	1.30E+00	3.68E+00	8.39E-01	2.12E+00	4.54E-01	1.94E-01	3.81E-02	1.22E-09	2.40E-10
4.34E+00	1.05E+00	2.11E+01	4.09E+00	1.28E+01	2.35E+00	9.40E+00	1.79E+00	7.53E+00	1.35E+00	3.78E+00	9.34E-01	1.96E+00	4.45E-01	1.84E-01	3.41E-02	1.16E-09	2.14E-10
4.49E+00	1.14E+00	2.08E+01	3.49E+00	1.25E+01	2.01E+00	9.38E+00	1.56E+00	7.84E+00	1.35E+00	3.87E+00	1.02E+00	1.91E+00	5.01E-01	1.80E-01	3.01E-02	1.13E-09	1.89E-10
4.29E+00	1.05E+00	1.86E+01	3.45E+00	1.11E+01	1.88E+00	8.38E+00	1.41E+00	7.38E+00	1.02E+00	3.96E+00	1.05E+00	1.93E+00	5.12E-01	1.61E-01	2.60E-02	1.01E-09	1.63E-10
4.81E+00	7.64E-01	1.88E+01	2.85E+00	1.12E+01	1.60E+00	8.58E+00	1.24E+00	7.19E+00	7.78E-01	3.65E+00	7.51E-01	1.93E+00	4.03E-01	1.66E-01	2.33E-02	1.04E-09	1.47E-10
5.01E+00	1.11E+00	2.04E+01	2.77E+00	1.20E+01	1.46E+00	9.08E+00	1.14E+00	7.39E+00	9.79E-01	4.29E+00	9.18E-01	2.02E+00	4.40E-01	1.73E-01	2.18E-02	1.09E-09	1.37E-10
4.31E+00	9.46E-01	2.00E+01	3.30E+00	1.17E+01	1.76E+00	8.80E+00	1.39E+00	5.93E+00	8.29E-01	3.67E+00	8.71E-01	2.02E+00	4.53E-01	1.67E-01	2.51E-02	1.05E-09	1.58E-10
3.78E+00	8.07E-01	1.91E+01	2.92E+00	1.12E+01	1.56E+00	8.75E+00	1.28E+00	5.96E+00	6.47E-01	3.77E+00	7.03E-01	1.99E+00	3.91E-01	1.68E-01	2.37E-02	1.06E-09	1.49E-10
3.97E+00	6.84E-01	1.83E+01	1.94E+00	1.07E+01	1.09E+00	8.28E+00	8.20E-01	5.11E+00	6.35E-01	3.72E+00	6.93E-01	2.02E+00	3.72E-01	1.57E-01	1.51E-02	9.89E-10	9.51E-11
5.44E+00	5.55E-01	1.59E+01	1.80E+00	9.06E+00	9.66E-01	7.03E+00	7.37E-01	4.79E+00	5.82E-01	3.54E+00	5.91E-01	2.15E+00	3.04E-01	1.31E-01	1.32E-02	8.27E-10	8.29E-11
5.15E+00	6.74E-01	1.55E+01	1.63E+00	8.79E+00	8.75E-01	6.46E+00	6.93E-01	5.09E+00	4.89E-01	3.34E+00	6.20E-01	1.89E+00	3.20E-01	1.19E-01	1.25E-02	7.50E-10	7.84E-11
4.54E+00	5.63E-01	1.62E+01	1.44E+00	9.32E+00	7.77E-01	7.16E+00	5.64E-01	5.64E+00	5.80E-01	3.25E+00	5.34E-01	1.81E+00	2.85E-01	1.34E-01	1.04E-02	8.43E-10	6.53E-11
4.59E+00	5.14E-01	1.86E+01	1.73E+00	1.12E+01	9.62E-01	7.97E+00	6.76E-01	6.68E+00	8.71E-01	3.49E+00	5.04E-01	1.80E+00	2.60E-01	1.50E-01	1.18E-02	9.46E-10	7.41E-11
6.11E+00	5.09E-01	2.08E+01	2.51E+00	1.25E+01	1.43E+00	9.24E+00	9.54E-01	6.40E+00	1.09E+00	5.13E+00	5.62E-01	2.86E+00	2.62E-01	1.76E-01	1.74E-02	1.11E-09	1.10E-10
8.79E+00	6.10E-01	1.89E+01	2.85E+00	1.14E+01	1.60E+00	8.58E+00	1.14E+00	6.07E+00	1.08E+00	6.77E+00	6.72E-01	3.74E+00	3.34E-01	1.63E-01	2.07E-02	1.03E-09	1.30E-10
9.54E+00	6.41E-01	1.64E+01	2.84E+00	9.62E+00	1.67E+00	7.25E+00	1.17E+00	6.25E+00	1.18E+00	6.75E+00	6.89E-01	3.79E+00	3.62E-01	1.38E-01	2.12E-02	8.71E-10	1.34E-10
8.74E+00	6.01E-01	1.85E+01	3.42E+00	1.11E+01	2.02E+00	7.97E+00	1.43E+00	6.44E+00	1.26E+00	6.02E+00	6.88E-01	3.46E+00	3.51E-01	1.51E-01	2.67E-02	9.51E-10	1.68E-10

Scenario 2 Results

9.16E+00	5.77E-01	1.85E+01	3.59E+00	1.11E+01	2.12E+00	8.22E+00	1.54E+00	6.09E+00	1.22E+00	5.61E+00	7.16E-01	3.47E+00	3.78E-01	1.56E-01	2.88E-02	9.80E-10	1.82E-10
1.56E+01	7.49E-01	1.91E+01	3.56E+00	1.16E+01	2.11E+00	8.53E+00	1.56E+00	7.04E+00	1.14E+00	9.18E+00	6.98E-01	5.70E+00	3.79E-01	1.63E-01	2.93E-02	1.03E-09	1.84E-10
1.94E+01	8.95E-01	2.02E+01	4.11E+00	1.24E+01	2.43E+00	9.09E+00	1.81E+00	7.10E+00	1.18E+00	1.11E+01	7.17E-01	6.94E+00	3.93E-01	1.75E-01	3.46E-02	1.10E-09	2.18E-10
1.99E+01	9.01E-01	2.32E+01	4.64E+00	1.47E+01	2.76E+00	1.08E+01	2.08E+00	7.04E+00	1.28E+00	1.13E+01	8.08E-01	7.03E+00	4.52E-01	2.12E-01	3.96E-02	1.34E-09	2.49E-10
1.72E+01	7.88E-01	2.78E+01	4.78E+00	1.78E+01	2.85E+00	1.31E+01	2.16E+00	8.40E+00	1.30E+00	9.64E+00	8.37E-01	6.02E+00	4.74E-01	2.58E-01	4.11E-02	1.62E-09	2.59E-10
1.29E+01	7.70E-01	3.11E+01	4.65E+00	1.98E+01	2.77E+00	1.46E+01	2.10E+00	9.02E+00	1.25E+00	7.21E+00	8.19E-01	4.51E+00	4.66E-01	2.87E-01	4.00E-02	1.81E-09	2.52E-10
3.36E+00	1.04E+00	2.56E+01	5.11E+00	1.55E+01	3.07E+00	1.17E+01	2.31E+00	7.30E+00	1.54E+00	3.75E+00	1.19E+00	2.00E+00	6.32E-01	2.30E-01	4.45E-02	1.45E-09	2.80E-10
3.61E+00	9.49E-01	2.66E+01	5.30E+00	1.60E+01	3.18E+00	1.24E+01	2.38E+00	8.26E+00	1.60E+00	3.82E+00	1.14E+00	1.97E+00	6.06E-01	2.45E-01	4.49E-02	1.54E-09	2.82E-10
3.73E+00	8.12E-01	2.57E+01	5.71E+00	1.55E+01	3.40E+00	1.22E+01	2.56E+00	8.61E+00	1.67E+00	3.96E+00	1.07E+00	2.06E+00	5.97E-01	2.42E-01	4.83E-02	1.52E-09	3.04E-10
3.80E+00	8.05E-01	2.36E+01	5.96E+00	1.46E+01	3.52E+00	1.10E+01	2.67E+00	8.11E+00	1.66E+00	3.80E+00	1.10E+00	2.02E+00	6.18E-01	2.19E-01	5.06E-02	1.38E-09	3.19E-10
3.99E+00	7.84E-01	2.22E+01	5.91E+00	1.37E+01	3.47E+00	9.92E+00	2.65E+00	7.19E+00	1.57E+00	3.51E+00	1.06E+00	1.86E+00	5.99E-01	1.92E-01	5.06E-02	1.21E-09	3.19E-10
5.33E+00	8.11E-01	1.91E+01	5.54E+00	1.17E+01	3.26E+00	8.71E+00	2.49E+00	8.21E+00	1.41E+00	3.87E+00	9.50E-01	1.96E+00	5.41E-01	1.70E-01	4.78E-02	1.07E-09	3.01E-10
5.91E+00	7.95E-01	2.08E+01	4.83E+00	1.26E+01	2.87E+00	8.86E+00	2.20E+00	7.90E+00	1.37E+00	3.85E+00	9.10E-01	2.21E+00	5.09E-01	1.67E-01	4.25E-02	1.05E-09	2.67E-10
5.38E+00	9.38E-01	2.04E+01	4.74E+00	1.24E+01	2.78E+00	9.03E+00	2.09E+00	8.05E+00	1.48E+00	3.90E+00	8.74E-01	2.05E+00	4.77E-01	1.75E-01	3.98E-02	1.10E-09	2.50E-10
4.10E+00	1.02E+00	2.08E+01	4.49E+00	1.28E+01	2.62E+00	9.35E+00	2.00E+00	8.06E+00	1.48E+00	3.90E+00	9.43E-01	1.97E+00	4.65E-01	1.80E-01	3.83E-02	1.13E-09	2.41E-10
4.14E+00	1.14E+00	2.20E+01	3.89E+00	1.35E+01	2.23E+00	1.00E+01	1.70E+00	8.04E+00	1.49E+00	3.90E+00	1.00E+00	1.90E+00	4.96E-01	1.94E-01	3.27E-02	1.22E-09	2.06E-10
4.27E+00	1.20E+00	2.07E+01	4.07E+00	1.26E+01	2.30E+00	9.54E+00	1.70E+00	8.54E+00	1.35E+00	4.08E+00	1.16E+00	2.01E+00	5.62E-01	1.85E-01	3.16E-02	1.17E-09	1.99E-10
4.59E+00	7.81E-01	2.03E+01	3.66E+00	1.21E+01	2.10E+00	9.14E+00	1.60E+00	6.65E+00	9.38E-01	3.77E+00	8.82E-01	1.94E+00	4.46E-01	1.76E-01	3.04E-02	1.11E-09	1.91E-10
4.96E+00	9.23E-01	2.18E+01	3.07E+00	1.31E+01	1.65E+00	9.73E+00	1.32E+00	7.62E+00	9.82E-01	4.05E+00	7.63E-01	2.06E+00	3.88E-01	1.86E-01	2.47E-02	1.17E-09	1.55E-10
4.48E+00	1.12E+00	2.08E+01	3.37E+00	1.25E+01	1.83E+00	9.48E+00	1.42E+00	6.76E+00	9.91E-01	3.87E+00	9.76E-01	1.94E+00	4.79E-01	1.82E-01	2.58E-02	1.15E-09	1.62E-10
4.23E+00	8.02E-01	2.09E+01	3.64E+00	1.25E+01	1.96E+00	9.45E+00	1.56E+00	6.51E+00	8.37E-01	3.66E+00	8.40E-01	1.98E+00	4.67E-01	1.81E-01	2.88E-02	1.14E-09	1.81E-10
3.69E+00	8.52E-01	2.06E+01	3.04E+00	1.22E+01	1.66E+00	9.03E+00	1.35E+00	6.36E+00	6.62E-01	3.75E+00	7.64E-01	2.04E+00	3.91E-01	1.71E-01	2.52E-02	1.07E-09	1.59E-10
3.59E+00	7.47E-01	1.99E+01	2.14E+00	1.18E+01	1.23E+00	9.11E+00	9.23E-01	5.71E+00	6.58E-01	3.69E+00	7.64E-01	2.03E+00	4.09E-01	1.74E-01	1.73E-02	1.10E-09	1.09E-10
5.43E+00	5.84E-01	1.83E+01	2.12E+00	1.07E+01	1.18E+00	8.22E+00	8.94E-01	5.00E+00	6.44E-01	3.60E+00	6.15E-01	2.16E+00	3.29E-01	1.56E-01	1.64E-02	9.79E-10	1.03E-10
5.74E+00	6.87E-01	1.66E+01	2.00E+00	9.76E+00	1.11E+00	7.29E+00	8.66E-01	5.72E+00	5.61E-01	3.47E+00	6.97E-01	2.15E+00	3.78E-01	1.38E-01	1.59E-02	8.67E-10	1.00E-10
4.10E+00	6.13E-01	1.84E+01	1.73E+00	1.08E+01	9.30E-01	8.17E+00	7.27E-01	5.45E+00	6.78E-01	3.40E+00	5.78E-01	1.89E+00	3.20E-01	1.54E-01	1.28E-02	9.71E-10	8.07E-11
4.15E+00	5.66E-01	1.65E+01	1.90E+00	1.01E+01	1.02E+00	7.33E+00	7.39E-01	6.16E+00	7.18E-01	3.39E+00	5.10E-01	1.70E+00	2.80E-01	1.39E-01	1.31E-02	8.75E-10	8.22E-11
4.63E+00	5.01E-01	2.04E+01	2.14E+00	1.24E+01	1.26E+00	9.09E+00	8.23E-01	6.51E+00	1.01E+00	3.57E+00	5.05E-01	2.03E+00	2.68E-01	1.74E-01	1.52E-02	1.09E-09	9.55E-11
6.62E+00	5.36E-01	2.14E+01	2.95E+00	1.31E+01	1.72E+00	9.79E+00	1.19E+00	6.18E+00	1.17E+00	4.92E+00	6.11E-01	2.78E+00	2.98E-01	1.88E-01	2.20E-02	1.18E-09	1.39E-10
7.82E+00	5.88E-01	1.93E+01	3.32E+00	1.18E+01	1.92E+00	8.95E+00	1.38E+00	6.33E+00	1.16E+00	5.62E+00	7.01E-01	3.19E+00	3.62E-01	1.72E-01	2.57E-02	1.09E-09	1.62E-10
7.85E+00	5.98E-01	1.88E+01	3.18E+00	1.16E+01	1.89E+00	8.45E+00	1.36E+00	6.24E+00	1.19E+00	5.58E+00	6.91E-01	3.19E+00	3.69E-01	1.62E-01	2.51E-02	1.02E-09	1.58E-10
6.99E+00	5.52E-01	1.91E+01	3.68E+00	1.16E+01	2.21E+00	8.46E+00	1.59E+00	6.21E+00	1.27E+00	4.93E+00	6.71E-01	2.84E+00	3.54E-01	1.62E-01	3.01E-02	1.02E-09	1.90E-10
8.64E+00	5.11E-01	1.94E+01	3.94E+00	1.18E+01	2.38E+00	8.76E+00	1.74E+00	5.77E+00	1.26E+00	5.26E+00	7.05E-01	3.26E+00	3.83E-01	1.68E-01	3.31E-02	1.05E-09	2.08E-10
1.36E+01	6.64E-01	1.95E+01	3.98E+00	1.19E+01	2.40E+00	8.70E+00	1.78E+00	7.05E+00	1.22E+00	8.07E+00	7.06E-01	5.01E+00	3.92E-01	1.67E-01	3.39E-02	1.05E-09	2.13E-10
1.72E+01	8.02E-01	2.41E+01	4.17E+00	1.48E+01	2.50E+00	1.09E+01	1.86E+00	7.64E+00	1.17E+00	9.99E+00	7.53E-01	6.22E+00	3.96E-01	2.10E-01	3.58E-02	1.32E-09	2.25E-10
1.77E+01	8.69E-01	2.73E+01	4.62E+00	1.69E+01	2.77E+00	1.25E+01	2.09E+00	8.06E+00	1.26E+00	1.02E+01	7.97E-01	6.33E+00	4.38E-01	2.42E-01	4.01E-02	1.52E-09	2.52E-10
1.57E+01	8.19E-01	2.91E+01	4.74E+00	1.81E+01	2.85E+00	1.34E+01	2.15E+00	8.40E+00	1.27E+00	8.91E+00	7.89E-01	5.56E+00	4.50E-01	2.60E-01	4.13E-02	1.64E-09	2.60E-10
3.74E+00	8.59E-01	2.94E+01	5.71E+00	1.78E+01	3.30E+00	1.38E+01	2.49E+00	7.68E+00	1.60E+00	3.62E+00	1.12E+00	2.13E+00	6.06E-01	2.74E-01	4.71E-02	1.72E-09	2.96E-10
3.93E+00	7.95E-01	2.79E+01	5.75E+00	1.68E+01	3.42E+00	1.32E+01	2.59E+00	7.72E+00	1.62E+00	3.63E+00	1.06E+00	1.98E+00	6.00E-01	2.63E-01	4.91E-02	1.65E-09	3.09E-10
4.07E+00	7.80E-01	2.44E+01	5.87E+00	1.47E+01	3.47E+00	1.17E+01	2.64E+00	7.11E+00	1.60E+00	3.42E+00	1.07E+00	1.87E+00	6.09E-01	2.33E-01	5.02E-02	1.47E-09	3.16E-10
3.89E+00	7.68E-01	2.04E+01	5.76E+00	1.26E+01	3.39E+00	9.40E+00	2.59E+00	7.48E+00	1.51E+00	3.62E+00	1.02E+00	1.87E+00	5.84E-01	1.88E-01	4.95E-02	1.18E-09	3.12E-10
5.04E+00	7.86E-01	2.02E+01	5.31E+00	1.23E+01	3.16E+00	8.92E+00	2.40E+00	7.98E+00	1.35E+00	3.83E+00	9.39E-01	1.96E+00	5.25E-01	1.69E-01	4.64E-02	1.07E-09	2.92E-10
5.69E+00	7.62E-01	2.20E+01	5.05E+00	1.35E+01	2.93E+00	9.65E+00	2.25E+00	7.78E+00	1.39E+00	3.81E+00	9.22E-01	2.13E+00	5.20E-01	1.84E-01	4.28E-02	1.16E-09	2.69E-10
5.30E+00	9.10E-01	2.12E+01	4.93E+00	1.30E+01	2.93E+00	9.58E+00	2.21E+00	8.27E+00	1.57E+00	3.96E+00	8.80E-01	2.01E+00	4.79E-01	1.86E-01	4.23E-02	1.17E-09	2.66E-10
3.89E+00	1.02E+00	2.14E+01	4.75E+00	1.30E+01	2.82E+00	9.41E+00	2.15E+00	8.57E+00	1.63E+00	4.05E+00	9.72E-01	2.01E+00	4.96E-01	1.79E-01	4.13E-02	1.13E-09	2.60E-10
4.02E+00	1.16E+00	2.10E+01	4.64E+00	1.27E+01	2.73E+00	9.35E+00	2.04E+00	8.51E+00	1.68E+00	4.04E+00	1.07E+00	1.96E+00	5.42E-01	1.79E-01	3.88E-02	1.13E-09	2.44E-10
4.24E+00	1.32E+00	2.08E+01	4.66E+00	1.26E+01	2.70E+00	9.51E+00	1.99E+00	8.50E+00	1.61E+00	3.87E+00	1.25E+00	1.97E+00	6.13E-01	1.85E-01	3.72E-02	1.17E-09	2.34E-10
5.05E+00	1.02E+00	2.18E+01	4.22E+00	1.32E+01	2.46E+00	9.86E+00	1.86E+00	7.45E+00	1.26E+00	3.92E+00	1.09E+00	1.96E+00	5.49E-01	1.90E-01	3.55E-02	1.19E-09	2.23E-10
4.12E+00	7.59E-01	2.16E+01	3.63E+00	1.32E+01	1.96E+00	9.70E+00	1.55E+00	7.38E+00	1.02E+00	3.67E+00	8.10E-01	1.99E+00	4.48E-01	1.86E-01	2.89E-02	1.17E-09	1.82E-10
4.34E+00	1.07E+00	2.30E+01	3.48E+00	1.40E+01	1.95E+00	1.05E+01	1.45E+00	7.37E+00	1.13E+00	4.12E+00	9.00E-01	2.04E+00	4.41E-01	2.03E-01	2.64E-02	1.28E-09	1.66E-10
3.98E+00	1.02E+00	2.10E+01	3.80E+00	1.28E+01	2.14E+00	9.76E+00	1.63E+00	6.48E+00	1.07E+00	3.89E+00	9.60E-01	1.87E+00	4.84E-01	1.90E-01	3.03E-02	1.19E-09	1.90E-10
4.08E+00	8.36E-01	2.09E+01	3.71E+00	1.27E+01	2.03E+00	9.64E+00	1.61E+00	6.72E+00	8.73E-01	3.76E+00	8.19E-01	1.89E+00	4.59E-01	1.86E-01	2.99E-02	1.17E-09	1.88E-10
3.88E+00	8.61E-01	2.18E+01	2.92E+00	1.32E+01	1.61E+00	9.81E+00	1.31E+00	6.48E+00	6.88E-01	3.68E+00	7.92E-01	2.05E+00	4.07E-01	1.87E-01	2.45E-02	1.18E-09	1.54E-10
3.33E+00	8.10E-01	2.05E+01	2.20E+00	1.24E+01	1.29E+00	9.48E+00	9.59E-01	6.14E+00	7.29E-01	3.62E+00	8.12E-01	2.01E+00	4.34E-01	1.83E-01	1.81E-02	1.15E-09	1.14E-10
5.25E+00	6.30E-01	1.96E+01	2.33E+00	1.17E+01	1.34E+00	8.88E+00	1.00E+00	5.40E+00	7.19E-01	3.61E+00	6.72E-01	2.09E+00	3.71E-01	1.69E-01	1.86E-02	1.06E-09	1.17E-10
6.03E+00	7.32E-01	1.75E+01	2.25E+00	1.04E+01	1.29E+00	7.94E+00	9.86E-01	5.87E+00	6.52E-01	3.69E+00	7.76E-01	2.29E+00	4.14E-01	1.51E-01	1.84E-02	9.50E-10	1.16E-10
3.69E+00	6.51E-01	1.94E+01	2.03E+00	1.17E+01	1.07E+00	8.68E+00	8.42E-01	5.78E+00	6.98E-01	3.39E+00	6.27E-01	1.88E+00	3.41E-01	1.65E-01	1.55E-02	1.04E-09	9.76E-11
3.74E+00	6.18E-01	1.87E+01	1.98E+00	1.13E+01	1.11E+00	8.59E+00	7.79E-01	6.15E+00	7.81E-01	3.24E+00	5.73E-01	1.82E+00	3.10E-01	1.64E-01	1.46E-02	1.04E-09	9.20E-11
3.73E+00	4.91E-01	1.93E+01	2.23E+00	1.18E+01	1.24E+00	8.61E+00	9.23E-01	6.22E+00	8.38E-01	3.57E+00	5.29E-01	1.90E+00	2.77E-01	1.66E-01	1.68E-02	1.04E-09	1.06E-10
5.09E+00	4.70E-01	2.15E+01	2.64E+00	1.32E+01	1.58E+00	9.82E+00	1.07E+00	6.13E+00	1.09E+00	3.80E+00	5.12E-01	2.17E+00	2.68E-01	1.90E-01	2.01E-02	1.19E-09	1.27E-10
6.15E+00	6.06E-01	2.14E+01	3.30E+00	1.34E+01	1.95E+00	9.83E+00	1.38E+00	7.03E+00	1.21E+00	4.52E+00	6.36E-01	2.57E+00	3.29E-01	1.88E-01	2.60E-02	1.18E-09	1.63E-10
6.46E+00	6.29E-01	2.39E+01	3.58E+00	1.49E+01	2.11E+00	1.09E+01	1.54E+00	7.64E+00	1.19E+00	4.70E+00	6.98E-01	2.68E+00	3.70E-01	2.10E-01	2.89E-02	1.32E-09	1.82E-10
6.02E+00	5.77E-01	2.20E+01	3.46E+00	1.36E+01	2.05E+00	9.93E+00	1.52E+00	6.95E+00	1.17E+00	4.33E+00	6.83E-01	2.47E+00	3.72E-01	1.91E-01	2.84E-02	1.20E-09	1.79E-10
5.76E+00	5.09E-01	1.89E+01	3.87E+00	1.16E+01	2.36E+00	8.52E+00	1.72E+00	5.96E+00	1.26E+00	4.11E+00	6.56E-01	2.26E+00	3.56E-01	1.64E-01	3.28E-02	1.03E-09	2.06E-10
7.73E+00	5.02E-01	1.93E+01	4.12E+00	1.18E+01	2.51E+00	8.78E+00	1.85E+00	5.82E+00	1.28E+00	4.71E+00	6.96E-01	2.92E+00	3.85E-01	1.69E-01	3.54E-02	1.06E-09	2.22E-10
1.18E+01	6.12E-01	2.13E+01	4.13E+00	1.30E+01	2.52E+00	9.51E+00	1.87E+00	6.61E+00	1.25E+00	7.04E+00	7.00E-01	4.37E+00	3.92E-01	1.83E-01	3.57E-02	1.15E-09	2.24E-10
1.46E+01	7.34E-01	2.56E+01	3.98E+00	1.57E+01	2.42E+00	1.16E+01	1.81E+00	7.63E+00	1.17E+00	8.53E+00	7.55E-01	5.30E+00	3.97E-01	2.25E-01	3.45E-02	1.41E-09	2.17E-10
1.53E+01	8.45E-01	2.90E+01	4.32E+00	1.79E+01	2.60E+00	1.33E+01	1.96E+00	8.36E+00	1.17E+00	8.80E+00	7.95E-01	5.48E+00	4.35E-01	2.57E-01	3.77E-02	1.62E-09	2.37E-10
3.90E+00	7.87E-01	2.91E+01	5.77E+00	1.76E+01	3.43E+00	1.39E+01	2.62E+00	7.08E+00	1.57E+00	3.63E+00	1.06E+00	2.08E+00	6.05E-01	2.76E-01	4.96E-02	1.73E-09	3.12E-10
4.10E+00	7.63E-01	2.53E+01	5.75E+00	1.53E+01	3.40E+00	1.21E+01	2.60E+00	7.34E+00	1.50E+00	3.75E+00	1.06E+00	1.84E+00	6.03E-01	2.42E-01	4.94E-02	1.52E-09	3.11E-10
3.82E+00	7.32E-01	1.98E+01	5.46E+00	1.20E+01	3.21E+00	9.55E+00	2.47E+00	7.43E+00	1.40E+00	3.67E+00	9.80E-01	1.92E+00	5.61E-01	1.91E-01	4.71E-02	1.20E-09	2.96E-10
4.70E+00	7.44E-01	2.14E+01	5.04E+00	1.32E+01	2.98E+00	9.36E+00	2.26E+00	7.81E+00	1.37E+00	3.74E+00	9.35E-01	1.99E+00	5.24E-01	1.78E-01	4.37E-02	1.12E-09	2.75E-10
5.20E+00	7.40E-01	2.27E+01	5.10E+00	1.40E+01	2.98E+00	1.02E+01	2.28E+00	7.83E+00	1.42E+00	3.84E+00	9.28E-01	2.02E+00	5.25E-01	1.96E-01	4.35E-02	1.23E-09	2.73E-10
4.98E+00	8.81E-01	2.23E+01	5.07E+00	1.35E+01	3.05E+00	9.91E+00	2.30E+00	8.14E+00	1.59E+00	3.95E+00	8.72E-01	2.03E+00	4.86E-01	1.90E-01	4.42E-02	1.20E-09	2.78E-10
3.91E+00	1.01E+00	2.28E+01	4.92E+00	1.39E+01	2.95E+00	1.01E+01	2.21E+00	8.58E+00	1.72E+00	4.08E+00	9.88E-01	2.09E+00	5.08E-01	1.94E-01	4.25E-02	1.22E-09	2.68E-10
4.19E+00	1.22E+00	2.29E+01	5.14E+00	1.39E+01	3.06E+00	1.02E+01	2.29E+00	8.75E+00	1.82E+00	4.12E+00	1.12E+00	2.12E+00	5.72E-01	1.95E-01	4.36E-02	1.23E-09	2.74E-10
4.68E+00	1.40E+00	2.21E+01	5.33E+00	1.34E+01	3.15E+00	9.91E+00	2.32E+00	8.17E+00	1.82E+00	4.13E+00	1.33E+00	2.12E+00	6.52E-01	1.91E-01	4.37E-02	1.20E-09	2.75E-10
5.00E+00	1.25E+00	2.20E+01	5.05E+00	1.34E+01	2.98E+00	9.99E+00	2.25E+00	8.18E+00	1.68E+00	4.07E+00	1.32E+00	2.02E+00	6.61E-01	1.93E-01	4.29E-02	1.21E-09	2.70E-10
4.65E+00	7.79E-01	2.10E+01	4.16E+00	1.27E+01	2.34E+00	9.51E+00	1.79E+00	6.87E+00	1.06E+00	3.87E+00	9.27E-01	2.00E+00	5.13E-01	1.85E-01	3.44E-02	1.16E-09	2.17E-10
4.15E+00	9.09E-01	2.18E+01	3.87E+00	1.34E+01	2.16E+00	9.95E+00	1.72E+00	7.97E+00	1.19E+00	3.81E+00	8.03E-01	1.96E+00	4.20E-01	1.93E-01	3.27E-02	1.21E-09	2.06E-10
4.12E+00	1.10E+00	2.24E+01	4.02E+00	1.37E+01	2.31E+00	1.04E+01	1.73E+00	7.72E+00	1.24E+00	4.01E+00	9.80E-01	2.10E+00	4.90E-01	2.02E-01	3.23E-02	1.27E-09	2.03E-10
3.68E+00	8.78E-01	2.10E+01	4.16E+00	1.28E+01	2.35E+00	9.58E+00	1.82E+00	6.50E+00	1.09E+00	3.84E+00	9.05E-01	2.00E+00	4.75E-01	1.85E-01	3.40E-02	1.17E-09	2.14E-10
3.63E+00	8.28E-01	2.06E+01	3.88E+00	1.26E+01	2.16E+00	9.60E+00	1.71E+00	6.69E+00	8.85E-01	3.77E+00	8.17E-01	1.90E+00	4.56E-01	1.87E-01	3.21E-02	1.17E-09	2.02E-10
4.02E+00	8.58E-01	2.28E+01	2.97E+00	1.40E+01	1.61E+00	1.04E+01	1.30E+00	6.42E+00	7.10E-01	3.55E+00	8.14E-01	2.03E+00	4.26E-01	2.01E-01	2.46E-02	1.27E-09	1.55E-10
3.34E+00	8.68E-01	2.15E+01	2.35E+00	1.31E+01	1.39E+00	1.01E+01	1.01E+00	6.42E+00	7.91E-01	3.57E+00	8.50E-01	2.02E+00	4.57E-01	1.95E-01	1.92E-02	1.23E-09	1.21E-10
5.01E+00	7.24E-01	2.16E+01	2.60E+00	1.31E+01	1.53E+00	9.91E+00	1.14E+00	5.83E+00	7.90E-01	3.63E+00	7.33E-01	2.00E+00	4.04E-01	1.91E-01	2.15E-02	1.20E-09	1.35E-10
6.09E+00	7.88E-01	1.90E+01	2.54E+00	1.16E+01	1.49E+00	8.90E+00	1.13E+00	5.86E+00	7.06E-01	3.77E+00	8.24E-01	2.33E+00	4.37E-01	1.72E-01	2.14E-02	1.08E-09	1.34E-10
4.05E+00	6.76E-01	2.02E+01	2.31E+00	1.23E+01	1.28E+00	9.13E+00	9.86E-01	6.00E+00	6.81E-01	3.29E+00	6.68E-01	1.84E+00	3.60E-01	1.75E-01	1.86E-02	1.10E-09	1.17E-10
3.35E+00	6.45E-01	2.03E+01	2.03E+00	1.23E+01	1.14E+00	9.36E+00	8.96E-01	5.93E+00	8.10E-01	3.27E+00	6.15E-01	1.83E+00	3.28E-01	1.81E-01	1.61E-02	1.14E-09	1.01E-10
3.35E+00	5.66E-01	1.89E+01	2.40E+00	1.16E+01	1.38E+00	8.81E+00	1.00E+00	6.26E+00	8.25E-01	3.41E+00	5.22E-01	1.78E+00	2.85E-01	1.69E-01	1.85E-02	1.06E-09	1.16E-10
4.10E+00	4.52E-01	2.06E+01	2.45E+00	1.27E+01	1.39E+00	9.83E+00	1.05E+00	5.52E+00	9.08E-01	3.39E+00	5.25E-01	1.90E+00	2.84E-01	1.90E-01	1.95E-02	1.20E-09	1.23E-10
5.15E+00	5.65E-01	2.37E+01	2.94E+00	1.49E+01	1.78E+00	1.10E+01	1.24E+00	7.48E+00	1.12E+00	3.73E+00	6.14E-01	2.13E+00	3.22E-01	2.11E-01	2.34E-02	1.33E-09	1.47E-10
6.40E+00	6.53E-01	2.77E+01	3.55E+00	1.73E+01	2.13E+00	1.28E+01	1.53E+00	8.57E+00	1.22E+00	4.22E+00	6.66E-01	2.39E+00	3.62E-01	2.46E-01	2.90E-02	1.55E-09	1.82E-10
6.10E+00	6.41E-01	2.72E+01	3.76E+00	1.69E+01	2.25E+00	1.25E+01	1.66E+00	8.35E+00	1.19E+00	4.01E+00	6.87E-01	2.28E+00	3.73E-01	2.41E-01	3.13E-02	1.51E-09	1.97E-10
4.56E+00	5.88E-01	2.34E+01	3.62E+00	1.44E+01	2.16E+00	1.06E+01	1.62E+00	7.15E+00	1.15E+00	3.47E+00	6.74E-01	1.91E+00	3.74E-01	2.04E-01	3.05E-02	1.29E-09	1.92E-10

Scenario 2 Results

5.86E+00	5.21E-01	1.91E+01	3.89E+00	1.19E+01	2.39E+00	8.85E+00	1.75E+00	5.80E+00	1.24E+00	4.17E+00	6.38E-01	2.29E+00	3.51E-01	1.71E-01	3.35E-02	1.08E-09	2.10E-10
6.94E+00	5.12E-01	1.89E+01	4.10E+00	1.16E+01	2.51E+00	8.60E+00	1.85E+00	5.65E+00	1.25E+00	4.37E+00	6.67E-01	2.61E+00	3.72E-01	1.65E-01	3.55E-02	1.04E-09	2.23E-10
1.02E+01	6.13E-01	2.12E+01	4.12E+00	1.29E+01	2.52E+00	9.51E+00	1.88E+00	6.42E+00	1.21E+00	6.06E+00	6.63E-01	3.76E+00	3.75E-01	1.83E-01	3.60E-02	1.15E-09	2.27E-10
1.26E+01	7.15E-01	2.55E+01	3.94E+00	1.56E+01	2.41E+00	1.16E+01	1.80E+00	7.44E+00	1.12E+00	7.35E+00	7.57E-01	4.57E+00	3.96E-01	2.24E-01	3.46E-02	1.41E-09	2.18E-10
3.89E+00	7.29E-01	2.50E+01	5.51E+00	1.51E+01	3.24E+00	1.20E+01	2.50E+00	7.98E+00	1.40E+00	3.89E+00	1.01E+00	1.84E+00	5.83E-01	2.39E-01	4.75E-02	1.50E-09	2.99E-10
3.77E+00	7.01E-01	2.01E+01	5.18E+00	1.22E+01	3.03E+00	9.52E+00	2.35E+00	7.71E+00	1.34E+00	3.74E+00	9.33E-01	1.97E+00	5.38E-01	1.90E-01	4.48E-02	1.20E-09	2.82E-10
4.56E+00	6.93E-01	2.15E+01	4.99E+00	1.32E+01	2.93E+00	9.59E+00	2.23E+00	7.17E+00	1.33E+00	3.62E+00	9.17E-01	1.99E+00	5.17E-01	1.84E-01	4.24E-02	1.15E-09	2.67E-10
4.91E+00	7.24E-01	2.22E+01	5.01E+00	1.37E+01	2.92E+00	1.00E+01	2.25E+00	7.65E+00	1.40E+00	3.74E+00	9.19E-01	2.01E+00	5.22E-01	1.94E-01	4.27E-02	1.22E-09	2.68E-10
4.63E+00	8.43E-01	2.31E+01	5.03E+00	1.41E+01	3.04E+00	1.04E+01	2.30E+00	8.03E+00	1.59E+00	3.88E+00	8.65E-01	2.06E+00	4.98E-01	2.01E-01	4.42E-02	1.27E-09	2.78E-10
4.13E+00	9.65E-01	2.37E+01	5.08E+00	1.45E+01	3.06E+00	1.07E+01	2.24E+00	8.56E+00	1.78E+00	4.04E+00	9.84E-01	2.12E+00	5.09E-01	2.05E-01	4.33E-02	1.29E-09	2.73E-10
4.53E+00	1.32E+00	2.40E+01	5.37E+00	1.47E+01	3.23E+00	1.08E+01	2.41E+00	8.49E+00	1.88E+00	4.19E+00	1.14E+00	2.20E+00	5.86E-01	2.08E-01	4.60E-02	1.31E-09	2.89E-10
4.77E+00	1.41E+00	2.37E+01	5.64E+00	1.44E+01	3.37E+00	1.07E+01	2.48E+00	8.49E+00	1.97E+00	4.20E+00	1.35E+00	2.18E+00	6.65E-01	2.06E-01	4.69E-02	1.30E-09	2.95E-10
4.42E+00	1.37E+00	2.29E+01	5.81E+00	1.39E+01	3.38E+00	1.03E+01	2.57E+00	8.44E+00	2.02E+00	4.15E+00	1.44E+00	2.09E+00	7.20E-01	1.99E-01	4.90E-02	1.25E-09	3.08E-10
5.45E+00	9.84E-01	2.26E+01	5.29E+00	1.37E+01	2.94E+00	1.01E+01	2.28E+00	6.98E+00	1.54E+00	4.30E+00	1.20E+00	2.10E+00	6.33E-01	1.94E-01	4.41E-02	1.22E-09	2.78E-10
3.54E+00	8.07E-01	2.22E+01	4.64E+00	1.35E+01	2.61E+00	1.01E+01	2.05E+00	7.06E+00	1.22E+00	3.64E+00	9.04E-01	1.99E+00	5.13E-01	1.94E-01	3.89E-02	1.22E-09	2.45E-10
3.99E+00	1.05E+00	2.09E+01	4.23E+00	1.26E+01	2.48E+00	9.41E+00	1.84E+00	7.76E+00	1.33E+00	4.01E+00	9.58E-01	2.00E+00	4.99E-01	1.83E-01	3.46E-02	1.15E-09	2.18E-10
3.97E+00	1.04E+00	2.10E+01	4.43E+00	1.26E+01	2.59E+00	9.48E+00	1.96E+00	7.55E+00	1.35E+00	3.82E+00	1.02E+00	2.08E+00	5.34E-01	1.81E-01	3.69E-02	1.14E-09	2.32E-10
3.58E+00	8.00E-01	1.97E+01	4.42E+00	1.21E+01	2.54E+00	9.11E+00	1.96E+00	6.52E+00	1.12E+00	3.58E+00	8.60E-01	1.99E+00	4.84E-01	1.77E-01	3.70E-02	1.11E-09	2.33E-10
3.25E+00	7.90E-01	2.05E+01	3.96E+00	1.26E+01	2.24E+00	9.25E+00	1.77E+00	6.32E+00	9.41E-01	3.60E+00	8.41E-01	1.90E+00	4.53E-01	1.78E-01	3.35E-02	1.12E-09	2.11E-10
4.10E+00	8.59E-01	2.26E+01	3.33E+00	1.39E+01	1.82E+00	1.04E+01	1.44E+00	6.31E+00	7.64E-01	3.43E+00	8.36E-01	1.92E+00	4.43E-01	2.03E-01	2.67E-02	1.28E-09	1.68E-10
3.37E+00	9.07E-01	2.12E+01	2.51E+00	1.30E+01	1.50E+00	9.97E+00	1.11E+00	6.29E+00	8.09E-01	3.49E+00	8.91E-01	1.98E+00	4.80E-01	1.95E-01	2.08E-02	1.22E-09	1.31E-10
4.86E+00	8.01E-01	2.22E+01	2.75E+00	1.36E+01	1.65E+00	1.02E+01	1.22E+00	5.92E+00	8.21E-01	3.56E+00	7.96E-01	1.94E+00	4.37E-01	1.99E-01	2.34E-02	1.25E-09	1.47E-10
6.09E+00	8.21E-01	1.99E+01	2.71E+00	1.22E+01	1.62E+00	9.34E+00	1.22E+00	5.63E+00	7.51E-01	3.79E+00	8.51E-01	2.35E+00	4.48E-01	1.82E-01	2.33E-02	1.14E-09	1.47E-10
4.59E+00	6.97E-01	1.95E+01	2.42E+00	1.20E+01	1.43E+00	8.89E+00	1.09E+00	5.63E+00	7.69E-01	3.23E+00	6.93E-01	1.79E+00	3.76E-01	1.72E-01	2.08E-02	1.08E-09	1.31E-10
3.17E+00	6.43E-01	2.02E+01	2.35E+00	1.24E+01	1.31E+00	9.36E+00	1.03E+00	5.92E+00	7.91E-01	3.35E+00	6.30E-01	1.74E+00	3.30E-01	1.82E-01	1.87E-02	1.14E-09	1.18E-10
3.00E+00	6.14E-01	2.22E+01	2.46E+00	1.37E+01	1.44E+00	1.03E+01	1.04E+00	6.37E+00	8.72E-01	3.52E+00	5.90E-01	2.04E+00	3.25E-01	1.97E-01	1.94E-02	1.24E-09	1.22E-10
3.49E+00	4.72E-01	2.49E+01	2.72E+00	1.53E+01	1.59E+00	1.18E+01	1.18E+00	6.10E+00	8.40E-01	3.64E+00	5.35E-01	2.22E+00	2.89E-01	2.28E-01	2.21E-02	1.44E-09	1.39E-10
4.45E+00	4.68E-01	2.42E+01	2.62E+00	1.52E+01	1.52E+00	1.13E+01	1.16E+00	7.39E+00	9.39E-01	3.79E+00	5.42E-01	2.20E+00	2.88E-01	2.20E-01	2.18E-02	1.38E-09	1.37E-10
5.73E+00	6.08E-01	2.97E+01	3.14E+00	1.86E+01	1.91E+00	1.38E+01	1.36E+00	8.90E+00	1.11E+00	4.46E+00	6.74E-01	2.58E+00	3.63E-01	2.66E-01	2.58E-02	1.68E-09	1.62E-10
6.42E+00	6.60E-01	3.11E+01	3.64E+00	1.94E+01	2.20E+00	1.44E+01	1.60E+00	9.28E+00	1.19E+00	4.56E+00	6.85E-01	2.63E+00	3.78E-01	2.78E-01	3.05E-02	1.75E-09	1.92E-10
5.62E+00	6.48E-01	2.85E+01	3.79E+00	1.77E+01	2.29E+00	1.31E+01	1.69E+00	8.55E+00	1.17E+00	4.12E+00	6.73E-01	2.36E+00	3.71E-01	2.53E-01	3.22E-02	1.59E-09	2.02E-10
4.75E+00	5.91E-01	2.34E+01	3.64E+00	1.44E+01	2.19E+00	1.06E+01	1.64E+00	7.10E+00	1.10E+00	3.52E+00	6.52E-01	1.90E+00	3.64E-01	2.04E-01	3.11E-02	1.28E-09	1.95E-10
5.89E+00	5.28E-01	2.07E+01	3.79E+00	1.28E+01	2.33E+00	9.60E+00	1.72E+00	5.86E+00	1.16E+00	4.20E+00	5.98E-01	2.31E+00	3.38E-01	1.86E-01	3.30E-02	1.17E-09	2.08E-10
6.35E+00	5.17E-01	1.97E+01	3.93E+00	1.22E+01	2.42E+00	9.12E+00	1.79E+00	5.55E+00	1.16E+00	4.36E+00	6.12E-01	2.45E+00	3.47E-01	1.76E-01	3.46E-02	1.11E-09	2.17E-10
8.92E+00	6.05E-01	2.02E+01	3.88E+00	1.23E+01	2.38E+00	9.06E+00	1.78E+00	6.03E+00	1.11E+00	5.31E+00	6.30E-01	3.29E+00	3.44E-01	1.74E-01	3.43E-02	1.10E-09	2.16E-10
3.67E+00	6.59E-01	2.10E+01	4.83E+00	1.28E+01	2.86E+00	9.39E+00	2.17E+00	7.45E+00	1.33E+00	3.62E+00	8.80E-01	1.97E+00	5.01E-01	1.85E-01	4.12E-02	1.16E-09	2.59E-10
4.18E+00	6.51E-01	2.17E+01	4.96E+00	1.32E+01	2.92E+00	9.82E+00	2.23E+00	6.53E+00	1.30E+00	3.52E+00	9.00E-01	1.95E+00	5.10E-01	1.89E-01	4.24E-02	1.19E-09	2.66E-10
4.63E+00	7.07E-01	2.13E+01	4.83E+00	1.31E+01	2.82E+00	9.57E+00	2.17E+00	7.07E+00	1.34E+00	3.53E+00	8.84E-01	1.94E+00	5.05E-01	1.85E-01	4.13E-02	1.17E-09	2.60E-10
4.49E+00	7.83E-01	2.24E+01	4.66E+00	1.37E+01	2.83E+00	1.02E+01	2.14E+00	7.45E+00	1.50E+00	3.73E+00	8.37E-01	2.02E+00	4.82E-01	1.97E-01	4.12E-02	1.24E-09	2.59E-10
4.25E+00	9.21E-01	2.32E+01	4.97E+00	1.43E+01	3.01E+00	1.05E+01	2.21E+00	8.04E+00	1.76E+00	3.84E+00	9.54E-01	2.05E+00	4.95E-01	2.04E-01	4.18E-02	1.28E-09	2.63E-10
4.68E+00	1.37E+00	2.42E+01	5.40E+00	1.49E+01	3.26E+00	1.10E+01	2.43E+00	8.45E+00	1.90E+00	4.11E+00	1.13E+00	2.18E+00	5.81E-01	2.12E-01	4.64E-02	1.33E-09	2.92E-10
4.64E+00	1.49E+00	2.46E+01	5.87E+00	1.51E+01	3.49E+00	1.12E+01	2.56E+00	8.43E+00	2.02E+00	4.15E+00	1.36E+00	2.17E+00	6.95E-01	2.16E-01	4.87E-02	1.36E-09	3.07E-10
4.71E+00	1.43E+00	2.37E+01	6.22E+00	1.45E+01	3.65E+00	1.07E+01	2.76E+00	8.23E+00	2.23E+00	4.22E+00	1.49E+00	2.10E+00	7.49E-01	2.06E-01	5.25E-02	1.30E-09	3.30E-10
5.31E+00	1.14E+00	2.31E+01	6.05E+00	1.41E+01	3.42E+00	1.03E+01	2.56E+00	7.62E+00	1.93E+00	4.09E+00	1.37E+00	2.19E+00	7.14E-01	1.96E-01	4.94E-02	1.24E-09	3.11E-10
4.46E+00	7.70E-01	2.22E+01	5.31E+00	1.35E+01	3.04E+00	1.03E+01	2.34E+00	6.48E+00	1.28E+00	3.95E+00	9.88E-01	1.93E+00	5.56E-01	2.00E-01	4.47E-02	1.26E-09	2.81E-10
3.70E+00	9.14E-01	2.13E+01	4.52E+00	1.30E+01	2.59E+00	9.86E+00	2.04E+00	7.51E+00	1.33E+00	3.58E+00	9.14E-01	1.98E+00	4.74E-01	1.91E-01	3.92E-02	1.20E-09	2.47E-10
3.76E+00	1.08E+00	2.06E+01	4.59E+00	1.25E+01	2.73E+00	9.45E+00	2.05E+00	7.40E+00	1.52E+00	3.97E+00	1.07E+00	2.09E+00	5.67E-01	1.82E-01	3.88E-02	1.15E-09	2.44E-10
3.57E+00	9.24E-01	2.04E+01	4.70E+00	1.23E+01	2.77E+00	9.48E+00	2.10E+00	7.07E+00	1.41E+00	3.84E+00	1.01E+00	1.97E+00	5.56E-01	1.83E-01	3.98E-02	1.15E-09	2.50E-10
3.41E+00	8.13E-01	1.94E+01	4.62E+00	1.16E+01	2.68E+00	8.95E+00	2.07E+00	6.55E+00	1.14E+00	3.44E+00	8.61E-01	1.87E+00	4.91E-01	1.72E-01	3.92E-02	1.08E-09	2.47E-10
3.18E+00	7.47E-01	2.21E+01	4.02E+00	1.36E+01	2.31E+00	1.02E+01	1.82E+00	6.44E+00	1.04E+00	3.63E+00	8.59E-01	2.09E+00	4.73E-01	1.95E-01	3.46E-02	1.23E-09	2.18E-10
4.02E+00	8.92E-01	2.16E+01	3.65E+00	1.33E+01	2.05E+00	1.02E+01	1.61E+00	6.07E+00	8.36E-01	3.40E+00	8.54E-01	2.03E+00	4.55E-01	1.96E-01	3.03E-02	1.23E-09	1.91E-10
3.33E+00	9.34E-01	2.04E+01	2.81E+00	1.24E+01	1.56E+00	9.38E+00	1.24E+00	5.85E+00	7.73E-01	3.40E+00	9.41E-01	1.90E+00	5.07E-01	1.80E-01	2.34E-02	1.13E-09	1.47E-10
4.58E+00	8.42E-01	2.07E+01	2.72E+00	1.27E+01	1.65E+00	9.64E+00	1.23E+00	5.93E+00	7.96E-01	3.42E+00	8.50E-01	1.88E+00	4.65E-01	1.88E-01	2.35E-02	1.18E-09	1.48E-10
5.88E+00	8.47E-01	1.90E+01	2.73E+00	1.16E+01	1.65E+00	8.94E+00	1.24E+00	5.75E+00	7.58E-01	3.69E+00	8.84E-01	2.28E+00	4.62E-01	1.75E-01	2.39E-02	1.10E-09	1.50E-10
4.85E+00	7.30E-01	1.82E+01	2.50E+00	1.09E+01	1.50E+00	8.31E+00	1.14E+00	5.71E+00	8.38E-01	3.19E+00	7.68E-01	1.82E+00	4.26E-01	1.59E-01	2.19E-02	9.98E-10	1.38E-10
3.05E+00	6.29E-01	2.16E+01	2.63E+00	1.34E+01	1.48E+00	9.89E+00	1.15E+00	6.60E+00	7.53E-01	3.34E+00	6.40E-01	1.88E+00	3.48E-01	1.91E-01	2.10E-02	1.20E-09	1.32E-10
2.78E+00	6.54E-01	2.45E+01	2.45E+00	1.51E+01	1.47E+00	1.13E+01	1.05E+00	7.29E+00	8.74E-01	3.90E+00	6.67E-01	2.23E+00	3.65E-01	2.16E-01	1.97E-02	1.36E-09	1.24E-10
3.19E+00	5.26E-01	2.80E+01	2.82E+00	1.73E+01	1.68E+00	1.32E+01	1.23E+00	7.13E+00	8.93E-01	4.11E+00	5.24E-01	2.48E+00	2.95E-01	2.56E-01	2.33E-02	1.61E-09	1.47E-10
3.56E+00	4.05E-01	2.74E+01	2.89E+00	1.70E+01	1.71E+00	1.31E+01	1.29E+00	6.99E+00	8.26E-01	3.87E+00	5.36E-01	2.40E+00	2.98E-01	2.55E-01	2.43E-02	1.60E-09	1.53E-10
4.65E+00	5.32E-01	3.01E+01	2.78E+00	1.89E+01	1.59E+00	1.41E+01	1.19E+00	8.82E+00	9.54E-01	4.52E+00	6.29E-01	2.64E+00	3.36E-01	2.72E-01	2.25E-02	1.71E-09	1.42E-10
5.91E+00	6.37E-01	3.32E+01	3.25E+00	2.08E+01	1.98E+00	1.55E+01	1.43E+00	9.73E+00	1.11E+00	4.87E+00	7.09E-01	2.84E+00	3.90E-01	2.99E-01	2.72E-02	1.88E-09	1.71E-10
5.99E+00	6.68E-01	3.25E+01	3.67E+00	2.03E+01	2.23E+00	1.50E+01	1.63E+00	9.61E+00	1.16E+00	4.70E+00	6.94E-01	2.72E+00	3.86E-01	2.91E-01	3.11E-02	1.83E-09	1.96E-10
5.02E+00	6.47E-01	2.88E+01	3.77E+00	1.79E+01	2.29E+00	1.32E+01	1.70E+00	8.64E+00	1.13E+00	4.15E+00	6.44E-01	2.37E+00	3.59E-01	2.55E-01	3.24E-02	1.60E-09	2.04E-10
4.86E+00	5.88E-01	2.35E+01	3.60E+00	1.45E+01	2.18E+00	1.06E+01	1.63E+00	7.16E+00	1.04E+00	3.59E+00	6.15E-01	1.92E+00	3.48E-01	2.06E-01	3.11E-02	1.29E-09	1.96E-10
5.84E+00	5.15E-01	2.18E+01	3.52E+00	1.36E+01	2.17E+00	1.01E+01	1.60E+00	6.19E+00	1.04E+00	4.16E+00	5.59E-01	2.29E+00	3.18E-01	1.96E-01	3.10E-02	1.23E-09	1.95E-10
6.22E+00	5.08E-01	2.11E+01	3.59E+00	1.31E+01	2.21E+00	9.77E+00	1.64E+00	5.91E+00	1.05E+00	4.29E+00	5.69E-01	2.40E+00	3.13E-01	1.89E-01	3.17E-02	1.19E-09	2.00E-10
3.85E+00	6.26E-01	2.16E+01	4.77E+00	1.32E+01	2.81E+00	9.84E+00	2.15E+00	6.43E+00	1.25E+00	3.47E+00	8.68E-01	1.89E+00	4.92E-01	1.90E-01	4.08E-02	1.20E-09	2.57E-10
4.18E+00	6.67E-01	2.12E+01	4.66E+00	1.30E+01	2.72E+00	9.62E+00	2.10E+00	6.62E+00	1.30E+00	3.41E+00	8.54E-01	1.90E+00	4.89E-01	1.85E-01	3.99E-02	1.16E-09	2.51E-10
4.13E+00	7.26E-01	2.12E+01	4.31E+00	1.30E+01	2.63E+00	9.75E+00	1.99E+00	7.05E+00	1.42E+00	3.61E+00	7.91E-01	1.95E+00	4.57E-01	1.89E-01	3.84E-02	1.19E-09	2.41E-10
4.02E+00	8.56E-01	2.17E+01	4.66E+00	1.33E+01	2.84E+00	9.90E+00	2.09E+00	7.23E+00	1.66E+00	3.55E+00	8.99E-01	1.93E+00	4.82E-01	1.92E-01	3.96E-02	1.21E-09	2.49E-10
4.42E+00	1.31E+00	2.30E+01	5.20E+00	1.41E+01	3.14E+00	1.04E+01	2.31E+00	7.78E+00	1.81E+00	3.81E+00	1.10E+00	2.05E+00	5.58E-01	2.01E-01	4.42E-02	1.27E-09	2.78E-10
4.27E+00	1.55E+00	2.42E+01	5.96E+00	1.49E+01	3.51E+00	1.10E+01	2.58E+00	8.14E+00	1.99E+00	3.94E+00	1.42E+00	2.08E+00	7.27E-01	2.13E-01	4.88E-02	1.34E-09	3.07E-10
4.82E+00	1.44E+00	2.39E+01	6.47E+00	1.47E+01	3.83E+00	1.08E+01	2.88E+00	8.95E+00	2.33E+00	4.31E+00	1.50E+00	2.10E+00	7.57E-01	2.07E-01	5.48E-02	1.30E-09	3.44E-10
4.72E+00	1.25E+00	2.28E+01	6.47E+00	1.38E+01	3.70E+00	1.03E+01	2.73E+00	7.78E+00	2.19E+00	4.04E+00	1.46E+00	2.17E+00	7.60E-01	1.98E-01	5.28E-02	1.24E-09	3.32E-10
4.93E+00	8.35E-01	2.28E+01	6.09E+00	1.39E+01	3.52E+00	1.04E+01	2.67E+00	7.05E+00	1.63E+00	4.21E+00	1.16E+00	2.04E+00	6.38E-01	2.03E-01	5.06E-02	1.27E-09	3.18E-10
3.25E+00	7.60E-01	2.17E+01	4.87E+00	1.35E+01	2.79E+00	1.02E+01	2.19E+00	6.36E+00	1.25E+00	3.57E+00	8.86E-01	1.88E+00	5.09E-01	2.00E-01	4.17E-02	1.26E-09	2.63E-10
3.56E+00	9.94E-01	2.15E+01	4.51E+00	1.34E+01	2.70E+00	1.03E+01	2.01E+00	7.62E+00	1.47E+00	3.75E+00	1.00E+00	1.92E+00	5.28E-01	2.04E-01	3.82E-02	1.28E-09	2.41E-10
3.74E+00	1.03E+00	2.16E+01	5.01E+00	1.31E+01	2.83E+00	9.81E+00	2.15E+00	7.16E+00	1.60E+00	3.92E+00	1.12E+00	2.12E+00	6.06E-01	1.88E-01	4.04E-02	1.18E-09	2.54E-10
3.33E+00	8.01E-01	2.04E+01	4.85E+00	1.24E+01	2.86E+00	9.36E+00	2.17E+00	6.43E+00	1.41E+00	3.88E+00	9.84E-01	2.10E+00	5.57E-01	1.80E-01	4.13E-02	1.13E-09	2.60E-10
3.25E+00	8.12E-01	2.28E+01	4.69E+00	1.41E+01	2.74E+00	1.04E+01	2.12E+00	7.32E+00	1.21E+00	3.82E+00	9.15E-01	2.14E+00	4.97E-01	1.98E-01	4.03E-02	1.24E-09	2.54E-10
3.18E+00	7.59E-01	2.57E+01	4.33E+00	1.59E+01	2.47E+00	1.19E+01	1.91E+00	7.24E+00	1.11E+00	4.08E+00	8.71E-01	2.38E+00	4.88E-01	2.29E-01	3.58E-02	1.44E-09	2.25E-10
3.98E+00	9.21E-01	2.42E+01	3.87E+00	1.49E+01	2.22E+00	1.14E+01	1.74E+00	6.15E+00	9.15E-01	3.72E+00	9.17E-01	2.24E+00	4.81E-01	2.20E-01	3.29E-02	1.39E-09	2.07E-10
3.35E+00	9.62E-01	1.99E+01	3.31E+00	1.21E+01	1.80E+00	9.21E+00	1.40E+00	5.74E+00	8.07E-01	3.33E+00	9.98E-01	1.89E+00	5.38E-01	1.78E-01	2.61E-02	1.12E-09	1.65E-10
4.28E+00	9.02E-01	1.94E+01	2.79E+00	1.18E+01	1.56E+00	8.73E+00	1.18E+00	5.82E+00	8.35E-01	3.31E+00	9.27E-01	1.84E+00	5.06E-01	1.67E-01	2.23E-02	1.05E-09	1.40E-10
5.66E+00	8.57E-01	1.93E+01	2.94E+00	1.17E+01	1.58E+00	8.92E+00	1.24E+00	5.68E+00	8.07E-01	3.56E+00	9.08E-01	2.20E+00	4.71E-01	1.72E-01	2.29E-02	1.08E-09	1.44E-10
5.03E+00	7.84E-01	1.87E+01	2.76E+00	1.13E+01	1.48E+00	8.54E+00	1.17E+00	5.92E+00	8.86E-01	3.17E+00	8.47E-01	1.90E+00	4.69E-01	1.64E-01	2.16E-02	1.03E-09	1.36E-10
3.05E+00	6.05E-01	2.32E+01	2.89E+00	1.44E+01	1.64E+00	1.07E+01	1.26E+00	7.00E+00	8.32E-01	3.52E+00	6.66E-01	2.01E+00	3.69E-01	2.06E-01	2.31E-02	1.29E-09	1.45E-10
2.85E+00	6.60E-01	2.55E+01	2.80E+00	1.58E+01	1.52E+00	1.16E+01	1.19E+00	7.93E+00	8.36E-01	4.09E+00	7.10E-01	2.31E+00	3.87E-01	2.26E-01	2.15E-02	1.42E-09	1.35E-10
3.03E+00	5.72E-01	3.04E+01	2.79E+00	1.88E+01	1.68E+00	1.42E+01	1.23E+00	8.05E+00	9.03E-01	4.48E+00	6.09E-01	2.67E+00	3.44E-01	2.75E-01	2.33E-02	1.73E-09	1.47E-10
3.35E+00	4.34E-01	3.08E+01	2.99E+00	1.91E+01	1.79E+00	1.46E+01	1.33E+00	7.41E+00	8.88E-01	4.35E+00	5.33E-01	2.67E+00	2.95E-01	2.85E-01	2.54E-02	1.79E-09	1.60E-10
4.01E+00	4.44E-01	2.94E+01	2.92E+00	1.85E+01	1.73E+00	1.38E+01	1.32E+00	8.48E+00	7.97E-01	4.43E+00	5.46E-01	2.60E+00	2.95E-01	2.67E-01	2.50E-02	1.68E-09	1.57E-10
4.91E+00	5.86E-01	3.41E+01	3.08E+00	2.14E+01	1.70E+00	1.60E+01	1.31E+00	9.87E+00	9.63E-01	5.02E+00	6.89E-01	2.94E+00	3.74E-01	3.09E-01	2.42E-02	1.94E-09	1.52E-10
5.73E+00	6.53E-01	3.53E+01	3.31E+00	2.21E+01	2.02E+00	1.64E+01	1.47E+00	1.03E+01	1.07E+00	5.12E+00	7.23E-01	2.98E+00	3.99E-01	3.18E-01	2.81E-02	2.00E-09	1.77E-10
5.59E+00	6.69E-01	3.34E+01	3.63E+00	2.08E+01	2.21E+00	1.54E+01	1.63E+00	9.82E+00	1.10E+00	4.80E+00	6.95E-01	2.77E+00	3.86E-01	2.99E-01	3.13E-02	1.88E-09	1.97E-10
4.65E+00	6.41E-01	2.94E+01	3.63E+00	1.83E+01	2.21E+00	1.35E+01	1.65E+00	8.71E+00	1.06E+00	4.21E+00	6.25E-01	2.41E+00	3.48E-01	2.61E-01	3.16E-02	1.64E-09	1.99E-10

Scenario 2 Results

4.83E+00	5.79E-01	2.43E+01	3.42E+00	1.50E+01	2.08E+00	1.10E+01	1.56E+00	7.25E+00	9.80E-01	3.56E+00	5.71E-01	1.97E+00	3.26E-01	2.13E-01	2.99E-02	1.34E-09	1.88E-10
5.66E+00	5.03E-01	2.31E+01	3.18E+00	1.44E+01	1.97E+00	1.08E+01	1.46E+00	6.44E+00	9.45E-01	4.04E+00	5.24E-01	2.22E+00	3.00E-01	2.09E-01	2.81E-02	1.31E-09	1.77E-10
3.95E+00	6.32E-01	2.04E+01	4.36E+00	1.26E+01	2.54E+00	9.28E+00	1.97E+00	6.32E+00	1.25E+00	3.26E+00	8.11E-01	1.79E+00	4.65E-01	1.79E-01	3.73E-02	1.13E-09	2.35E-10
3.83E+00	6.73E-01	2.07E+01	4.10E+00	1.27E+01	2.50E+00	9.47E+00	1.89E+00	6.88E+00	1.37E+00	3.49E+00	7.63E-01	1.88E+00	4.36E-01	1.84E-01	3.66E-02	1.16E-09	2.30E-10
3.74E+00	7.81E-01	2.09E+01	4.42E+00	1.28E+01	2.69E+00	9.56E+00	1.98E+00	6.74E+00	1.56E+00	3.38E+00	8.51E-01	1.86E+00	4.59E-01	1.85E-01	3.78E-02	1.16E-09	2.37E-10
4.04E+00	1.18E+00	2.16E+01	4.91E+00	1.32E+01	2.97E+00	9.83E+00	2.16E+00	7.10E+00	1.69E+00	3.54E+00	1.00E+00	1.93E+00	5.22E-01	1.90E-01	4.11E-02	1.19E-09	2.58E-10
4.02E+00	1.47E+00	2.27E+01	5.73E+00	1.40E+01	3.40E+00	1.03E+01	2.50E+00	7.38E+00	1.89E+00	3.83E+00	1.35E+00	1.95E+00	6.92E-01	2.00E-01	4.67E-02	1.26E-09	2.94E-10
4.57E+00	1.40E+00	2.28E+01	6.43E+00	1.40E+01	3.83E+00	1.03E+01	2.87E+00	8.59E+00	2.28E+00	4.03E+00	1.46E+00	2.01E+00	7.64E-01	1.98E-01	5.46E-02	1.25E-09	3.43E-10
4.24E+00	1.28E+00	2.21E+01	6.63E+00	1.34E+01	3.83E+00	9.94E+00	2.83E+00	7.85E+00	2.31E+00	4.07E+00	1.49E+00	2.07E+00	7.74E-01	1.92E-01	5.46E-02	1.21E-09	3.43E-10
4.93E+00	9.64E-01	2.30E+01	6.57E+00	1.40E+01	3.82E+00	1.05E+01	2.86E+00	7.63E+00	1.89E+00	4.09E+00	1.29E+00	2.08E+00	6.98E-01	2.01E-01	5.40E-02	1.27E-09	3.39E-10
3.80E+00	6.93E-01	2.24E+01	5.44E+00	1.40E+01	3.19E+00	1.05E+01	2.46E+00	6.12E+00	1.26E+00	3.80E+00	9.49E-01	1.87E+00	5.41E-01	2.05E-01	4.75E-02	1.29E-09	2.99E-10
3.40E+00	8.25E-01	2.31E+01	4.48E+00	1.44E+01	2.60E+00	1.10E+01	2.04E+00	6.85E+00	1.36E+00	3.44E+00	8.72E-01	1.87E+00	4.59E-01	2.17E-01	3.94E-02	1.36E-09	2.48E-10
3.40E+00	9.95E-01	2.18E+01	4.78E+00	1.36E+01	2.78E+00	1.05E+01	2.08E+00	7.45E+00	1.56E+00	3.83E+00	1.05E+00	1.98E+00	5.65E-01	2.08E-01	3.98E-02	1.31E-09	2.51E-10
3.44E+00	9.41E-01	2.18E+01	5.30E+00	1.32E+01	3.02E+00	9.88E+00	2.32E+00	7.00E+00	1.58E+00	3.91E+00	1.10E+00	2.06E+00	6.10E-01	1.89E-01	4.34E-02	1.19E-09	2.73E-10
3.03E+00	7.93E-01	2.11E+01	4.96E+00	1.31E+01	2.93E+00	9.52E+00	2.23E+00	7.31E+00	1.34E+00	3.73E+00	9.14E-01	2.10E+00	5.29E-01	1.83E-01	4.22E-02	1.15E-09	2.66E-10
3.60E+00	8.00E-01	2.71E+01	4.71E+00	1.68E+01	2.76E+00	1.24E+01	2.14E+00	8.31E+00	1.31E+00	4.36E+00	9.60E-01	2.48E+00	5.31E-01	2.38E-01	4.08E-02	1.50E-09	2.57E-10
3.25E+00	7.96E-01	2.94E+01	4.67E+00	1.82E+01	2.71E+00	1.37E+01	2.09E+00	8.09E+00	1.18E+00	4.54E+00	8.87E-01	2.66E+00	5.04E-01	2.64E-01	3.95E-02	1.66E-09	2.49E-10
3.96E+00	9.88E-01	2.68E+01	4.06E+00	1.65E+01	2.35E+00	1.26E+01	1.84E+00	6.71E+00	1.01E+00	4.05E+00	1.01E+00	2.44E+00	5.34E-01	2.45E-01	3.50E-02	1.54E-09	2.20E-10
3.45E+00	1.02E+00	2.03E+01	3.81E+00	1.24E+01	2.00E+00	9.65E+00	1.57E+00	5.63E+00	9.23E-01	3.39E+00	1.07E+00	1.95E+00	5.79E-01	1.87E-01	2.92E-02	1.18E-09	1.84E-10
4.03E+00	9.69E-01	1.89E+01	3.20E+00	1.15E+01	1.67E+00	8.70E+00	1.31E+00	5.64E+00	9.07E-01	3.44E+00	1.00E+00	1.90E+00	5.49E-01	1.68E-01	2.44E-02	1.06E-09	1.54E-10
5.47E+00	8.68E-01	1.91E+01	3.25E+00	1.16E+01	1.73E+00	8.87E+00	1.36E+00	5.54E+00	9.38E-01	3.45E+00	9.30E-01	2.13E+00	4.82E-01	1.71E-01	2.52E-02	1.07E-09	1.59E-10
5.14E+00	8.55E-01	1.87E+01	3.29E+00	1.14E+01	1.71E+00	8.59E+00	1.40E+00	6.05E+00	9.32E-01	3.19E+00	9.41E-01	1.95E+00	5.20E-01	1.65E-01	2.51E-02	1.04E-09	1.57E-10
3.41E+00	6.19E-01	2.40E+01	3.07E+00	1.49E+01	1.76E+00	1.10E+01	1.35E+00	7.27E+00	8.95E-01	3.62E+00	6.94E-01	2.07E+00	3.84E-01	2.13E-01	2.47E-02	1.34E-09	1.55E-10
2.80E+00	6.49E-01	2.68E+01	3.04E+00	1.67E+01	1.67E+00	1.24E+01	1.29E+00	8.27E+00	8.34E-01	4.14E+00	7.22E-01	2.31E+00	3.92E-01	2.41E-01	2.37E-02	1.52E-09	1.49E-10
2.72E+00	6.04E-01	3.13E+01	2.81E+00	1.93E+01	1.62E+00	1.45E+01	1.23E+00	8.63E+00	8.81E-01	4.67E+00	6.69E-01	2.74E+00	3.77E-01	2.81E-01	2.25E-02	1.77E-09	1.42E-10
3.37E+00	4.84E-01	3.29E+01	2.97E+00	2.04E+01	1.80E+00	1.56E+01	1.33E+00	8.20E+00	9.06E-01	4.69E+00	5.20E-01	2.84E+00	2.98E-01	3.02E-01	2.53E-02	1.90E-09	1.59E-10
3.35E+00	3.71E-01	3.09E+01	3.06E+00	1.91E+01	1.83E+00	1.47E+01	1.38E+00	7.94E+00	8.60E-01	4.31E+00	5.21E-01	2.66E+00	2.94E-01	2.87E-01	2.64E-02	1.80E-09	1.66E-10
4.20E+00	5.07E-01	3.38E+01	2.97E+00	2.12E+01	1.71E+00	1.59E+01	1.30E+00	9.61E+00	8.54E-01	4.98E+00	6.23E-01	2.94E+00	3.33E-01	3.08E-01	2.49E-02	1.94E-09	1.57E-10
5.06E+00	6.12E-01	3.69E+01	3.26E+00	2.31E+01	1.81E+00	1.72E+01	1.40E+00	1.05E+01	9.31E-01	5.34E+00	7.19E-01	3.14E+00	3.94E-01	3.34E-01	2.59E-02	2.10E-09	1.63E-10
5.60E+00	6.62E-01	3.68E+01	3.26E+00	2.30E+01	1.99E+00	1.71E+01	1.46E+00	1.06E+01	1.01E+00	5.27E+00	7.40E-01	3.08E+00	4.10E-01	3.32E-01	2.81E-02	2.09E-09	1.77E-10
5.21E+00	6.59E-01	3.40E+01	3.45E+00	2.12E+01	2.11E+00	1.57E+01	1.57E+00	9.86E+00	1.02E+00	4.84E+00	6.98E-01	2.81E+00	3.90E-01	3.05E-01	3.01E-02	1.92E-09	1.89E-10
4.18E+00	6.20E-01	2.96E+01	3.41E+00	1.83E+01	2.08E+00	1.36E+01	1.56E+00	8.68E+00	9.86E-01	4.21E+00	6.22E-01	2.42E+00	3.49E-01	2.63E-01	2.99E-02	1.65E-09	1.88E-10
4.72E+00	5.56E-01	2.45E+01	3.23E+00	1.51E+01	1.97E+00	1.12E+01	1.48E+00	7.29E+00	9.27E-01	3.51E+00	5.42E-01	2.00E+00	3.05E-01	2.16E-01	2.83E-02	1.36E-09	1.78E-10
3.69E+00	6.28E-01	1.96E+01	3.91E+00	1.20E+01	2.34E+00	8.85E+00	1.76E+00	6.66E+00	1.30E+00	3.36E+00	7.31E-01	1.75E+00	4.08E-01	1.70E-01	3.35E-02	1.07E-09	2.11E-10
3.51E+00	7.23E-01	2.00E+01	4.17E+00	1.22E+01	2.55E+00	9.14E+00	1.88E+00	6.27E+00	1.49E+00	3.29E+00	8.10E-01	1.76E+00	4.39E-01	1.77E-01	3.58E-02	1.11E-09	2.25E-10
3.65E+00	1.07E+00	2.08E+01	4.70E+00	1.28E+01	2.85E+00	9.51E+00	2.07E+00	6.73E+00	1.61E+00	3.36E+00	9.27E-01	1.82E+00	4.88E-01	1.84E-01	3.93E-02	1.16E-09	2.47E-10
3.75E+00	1.34E+00	2.17E+01	5.45E+00	1.34E+01	3.25E+00	9.89E+00	2.38E+00	7.04E+00	1.80E+00	3.63E+00	1.24E+00	1.87E+00	6.35E-01	1.91E-01	4.47E-02	1.20E-09	2.81E-10
4.06E+00	1.35E+00	2.12E+01	6.14E+00	1.31E+01	3.67E+00	9.60E+00	2.74E+00	7.55E+00	2.10E+00	3.56E+00	1.39E+00	1.89E+00	7.31E-01	1.85E-01	5.22E-02	1.16E-09	3.28E-10
4.10E+00	1.25E+00	2.07E+01	6.51E+00	1.27E+01	3.78E+00	9.52E+00	2.82E+00	7.95E+00	2.30E+00	4.00E+00	1.44E+00	1.93E+00	7.54E-01	1.85E-01	5.43E-02	1.16E-09	3.42E-10
4.43E+00	1.04E+00	2.24E+01	6.86E+00	1.37E+01	4.01E+00	1.01E+01	2.98E+00	7.19E+00	2.08E+00	3.73E+00	1.36E+00	2.03E+00	7.32E-01	1.95E-01	5.61E-02	1.23E-09	3.53E-10
4.20E+00	7.34E-01	2.27E+01	6.05E+00	1.41E+01	3.56E+00	1.06E+01	2.72E+00	7.11E+00	1.52E+00	4.02E+00	1.05E+00	1.92E+00	5.96E-01	2.06E-01	5.21E-02	1.29E-09	3.27E-10
3.15E+00	6.88E-01	2.39E+01	4.75E+00	1.49E+01	2.74E+00	1.13E+01	2.15E+00	5.95E+00	1.24E+00	3.43E+00	8.29E-01	1.90E+00	4.81E-01	2.22E-01	4.12E-02	1.40E-09	2.59E-10
3.32E+00	8.85E-01	2.34E+01	4.32E+00	1.46E+01	2.61E+00	1.12E+01	1.95E+00	7.00E+00	1.47E+00	3.34E+00	9.33E-01	1.82E+00	4.98E-01	2.22E-01	3.73E-02	1.39E-09	2.35E-10
3.67E+00	9.65E-01	2.10E+01	5.16E+00	1.31E+01	2.98E+00	1.02E+01	2.24E+00	7.01E+00	1.63E+00	3.75E+00	1.08E+00	2.03E+00	5.89E-01	2.02E-01	4.17E-02	1.27E-09	2.62E-10
3.10E+00	9.03E-01	2.17E+01	5.48E+00	1.32E+01	3.15E+00	1.00E+01	2.44E+00	6.96E+00	1.55E+00	3.94E+00	1.07E+00	2.11E+00	6.06E-01	1.94E-01	4.60E-02	1.22E-09	2.89E-10
2.92E+00	8.02E-01	2.49E+01	4.94E+00	1.55E+01	2.95E+00	1.13E+01	2.26E+00	8.16E+00	1.35E+00	4.10E+00	9.34E-01	2.28E+00	5.08E-01	2.16E-01	4.32E-02	1.36E-09	2.72E-10
3.87E+00	7.72E-01	3.08E+01	5.06E+00	1.91E+01	2.95E+00	1.42E+01	2.25E+00	9.10E+00	1.37E+00	4.82E+00	9.83E-01	2.77E+00	5.51E-01	2.73E-01	4.23E-02	1.72E-09	2.66E-10
3.24E+00	8.60E-01	3.27E+01	4.95E+00	2.02E+01	2.90E+00	1.53E+01	2.24E+00	8.81E+00	1.28E+00	4.94E+00	8.91E-01	2.91E+00	5.11E-01	2.95E-01	4.25E-02	1.86E-09	2.68E-10
3.76E+00	1.08E+00	2.92E+01	4.20E+00	1.80E+01	2.46E+00	1.38E+01	1.92E+00	7.28E+00	1.14E+00	4.35E+00	1.11E+00	2.62E+00	5.96E-01	2.67E-01	3.67E-02	1.68E-09	2.31E-10
3.40E+00	1.09E+00	2.19E+01	4.30E+00	1.34E+01	2.25E+00	1.04E+01	1.80E+00	5.92E+00	1.05E+00	3.39E+00	1.15E+00	2.02E+00	6.28E-01	2.02E-01	3.22E-02	1.27E-09	2.03E-10
3.71E+00	1.04E+00	1.91E+01	3.65E+00	1.19E+01	1.81E+00	8.83E+00	1.51E+00	5.65E+00	9.63E-01	3.48E+00	1.07E+00	1.94E+00	5.91E-01	1.71E-01	2.67E-02	1.07E-09	1.68E-10
5.08E+00	8.72E-01	2.00E+01	3.48E+00	1.24E+01	1.84E+00	9.28E+00	1.43E+00	5.60E+00	1.05E+00	3.36E+00	9.41E-01	1.99E+00	4.87E-01	1.80E-01	2.68E-02	1.13E-09	1.69E-10
5.02E+00	9.23E-01	2.03E+01	3.80E+00	1.25E+01	2.00E+00	9.35E+00	1.62E+00	5.95E+00	9.76E-01	3.26E+00	1.03E+00	1.92E+00	5.66E-01	1.81E-01	2.93E-02	1.14E-09	1.84E-10
3.64E+00	6.39E-01	2.42E+01	3.22E+00	1.51E+01	1.84E+00	1.11E+01	1.41E+00	7.32E+00	9.47E-01	3.64E+00	7.22E-01	2.08E+00	4.16E-01	2.15E-01	2.59E-02	1.35E-09	1.63E-10
2.80E+00	6.41E-01	2.78E+01	3.13E+00	1.73E+01	1.76E+00	1.29E+01	1.36E+00	8.32E+00	8.98E-01	4.08E+00	7.16E-01	2.35E+00	3.85E-01	2.50E-01	2.54E-02	1.57E-09	1.60E-10
2.84E+00	6.42E-01	3.11E+01	3.07E+00	1.92E+01	1.71E+00	1.44E+01	1.34E+00	8.93E+00	8.28E-01	4.72E+00	7.07E-01	2.73E+00	3.95E-01	2.77E-01	2.46E-02	1.74E-09	1.55E-10
3.16E+00	5.28E-01	3.41E+01	2.85E+00	2.11E+01	1.74E+00	1.60E+01	1.28E+00	8.80E+00	8.78E-01	4.92E+00	5.83E-01	2.95E+00	3.33E-01	3.11E-01	2.45E-02	1.95E-09	1.54E-10
3.54E+00	4.10E-01	3.34E+01	3.02E+00	2.07E+01	1.83E+00	1.59E+01	1.37E+00	8.09E+00	8.67E-01	4.70E+00	4.98E-01	2.88E+00	2.81E-01	3.09E-01	2.62E-02	1.94E-09	1.65E-10
3.32E+00	4.15E-01	3.23E+01	2.94E+00	2.03E+01	1.77E+00	1.53E+01	1.34E+00	8.97E+00	8.29E-01	4.75E+00	5.28E-01	2.83E+00	2.79E-01	2.96E-01	2.57E-02	1.86E-09	1.62E-10
4.35E+00	5.45E-01	3.67E+01	3.29E+00	2.30E+01	1.87E+00	1.73E+01	1.42E+00	1.02E+01	9.15E-01	5.31E+00	6.76E-01	3.15E+00	3.67E-01	3.35E-01	2.65E-02	2.11E-09	1.67E-10
5.03E+00	6.23E-01	3.82E+01	3.47E+00	2.39E+01	1.94E+00	1.79E+01	1.51E+00	1.08E+01	8.88E-01	5.46E+00	7.42E-01	3.22E+00	4.11E-01	3.47E-01	2.80E-02	2.18E-09	1.76E-10
5.19E+00	6.45E-01	3.69E+01	3.25E+00	2.31E+01	1.91E+00	1.72E+01	1.41E+00	1.05E+01	9.49E-01	5.26E+00	7.35E-01	3.08E+00	4.11E-01	3.34E-01	2.71E-02	2.10E-09	1.70E-10
4.64E+00	6.30E-01	3.38E+01	3.26E+00	2.11E+01	1.99E+00	1.57E+01	1.48E+00	9.79E+00	9.61E-01	4.81E+00	6.81E-01	2.79E+00	3.84E-01	3.04E-01	2.85E-02	1.91E-09	1.79E-10
3.90E+00	5.90E-01	2.97E+01	3.24E+00	1.84E+01	1.98E+00	1.36E+01	1.48E+00	8.67E+00	9.32E-01	4.22E+00	6.03E-01	2.43E+00	3.40E-01	2.65E-01	2.84E-02	1.66E-09	1.79E-10
4.78E+00	6.06E-01	9.94E+00	1.07E+00	5.81E+00	6.06E-01	4.64E+00	4.89E-01	5.70E+00	5.16E-01	3.35E+00	5.66E-01	1.72E+00	2.83E-01	9.06E-02	9.46E-03	5.70E-10	5.95E-11
4.78E+00	6.06E-01	9.94E+00	1.07E+00	5.81E+00	6.06E-01	4.64E+00	4.89E-01	5.70E+00	5.16E-01	3.35E+00	5.66E-01	1.72E+00	2.83E-01	9.06E-02	9.46E-03	5.70E-10	5.95E-11
3.46E+00	2.63E-01	2.23E+01	1.68E+00	1.39E+01	9.28E-01	1.09E+01	7.48E-01	5.24E+00	5.63E-01	2.96E+00	4.70E-01	1.74E+00	2.65E-01	2.16E-01	1.41E-02	1.36E-09	8.87E-11
3.93E+00	3.06E-01	1.97E+01	2.34E+00	1.21E+01	1.34E+00	9.07E+00	9.06E-01	5.40E+00	9.01E-01	3.09E+00	4.44E-01	1.79E+00	2.06E-01	1.76E-01	1.73E-02	1.10E-09	1.09E-10
4.16E+00	3.00E-01	1.89E+01	2.56E+00	1.16E+01	1.45E+00	8.70E+00	1.04E+00	5.36E+00	8.02E-01	2.99E+00	4.84E-01	1.74E+00	2.41E-01	1.68E-01	1.99E-02	1.06E-09	1.25E-10
4.56E+00	3.15E-01	1.58E+01	1.95E+00	9.68E+00	1.09E+00	7.29E+00	7.82E-01	4.90E+00	7.07E-01	3.05E+00	3.81E-01	1.65E+00	1.90E-01	1.40E-01	1.50E-02	8.82E-10	9.46E-11
5.07E+00	3.53E-01	1.27E+01	1.41E+00	7.67E+00	8.13E-01	5.74E+00	5.66E-01	4.46E+00	6.50E-01	3.39E+00	2.90E-01	1.83E+00	1.31E-01	1.10E-01	1.09E-02	6.88E-10	6.88E-11
5.47E+00	3.79E-01	1.15E+01	1.25E+00	6.88E+00	7.24E-01	5.04E+00	4.64E-01	4.95E+00	5.73E-01	3.66E+00	2.72E-01	1.98E+00	1.26E-01	1.00E-01	8.90E-03	6.24E-10	5.60E-11
5.75E+00	3.96E-01	1.03E+01	1.12E+00	6.54E+00	6.40E-01	4.78E+00	4.18E-01	4.94E+00	5.61E-01	3.85E+00	2.83E-01	2.08E+00	1.31E-01	9.48E-02	7.93E-03	5.91E-10	4.99E-11
5.89E+00	4.20E-01	1.05E+01	1.18E+00	6.81E+00	6.70E-01	4.96E+00	4.75E-01	5.25E+00	5.67E-01	3.94E+00	3.10E-01	2.13E+00	1.44E-01	9.83E-02	9.20E-03	6.13E-10	5.79E-11
4.36E+00	5.61E-01	2.31E+01	3.06E+00	1.39E+01	1.82E+00	1.05E+01	1.29E+00	8.67E+00	1.34E+00	4.05E+00	7.02E-01	2.10E+00	3.34E-01	2.04E-01	2.54E-02	1.28E-09	1.60E-10
1.63E+01	8.01E-01	8.07E+00	1.28E+00	4.71E+00	7.11E-01	3.54E+00	4.28E-01	4.43E+00	6.45E-01	1.04E+01	5.10E-01	6.28E+00	3.08E-01	6.73E-02	8.01E-03	4.23E-10	5.00E-11

1.3 Scenario 3 Air Quality Results

Scenario 3 Results

Receptor	Units as µg/m^3	Pb		NO2		SO2		PM2.5		PM10		TSP	
		1hr Conc	24 hr Conc	1hr Conc	24 hr Conc	1hr Conc	24 hr Conc	1hr Conc	24 hr Conc	1hr Conc	24 hr Conc	1hr Conc	24 hr Conc
	Recreational Max	4.05E-01	4.18E-02	7.91E+01	6.59E+00	3.94E+01	3.18E+00	5.62E+00	5.44E-01	5.62E+00	5.44E-01	5.62E+00	5.44E-01
	Commercial/Industrial Max	7.15E-01	1.56E-01	1.19E+02	2.28E+01	5.74E+01	1.14E+01	8.20E+00	1.92E+00	8.20E+00	1.92E+00	8.20E+00	1.92E+00
	Residential Max	9.11E-01	1.58E-01	1.81E+02	2.60E+01	9.03E+01	1.28E+01	1.19E+01	2.02E+00	1.19E+01	2.02E+00	1.19E+01	2.02E+00
	Grid Max	1.47E+00	2.41E-01	1.81E+02	3.79E+01	9.03E+01	1.87E+01	1.48E+01	2.85E+00	1.48E+01	2.85E+00	1.48E+01	2.85E+00
	Background - Beresfield NSW for 2015			100.5		234.5	22.9	61.80	25.9	130.8	64.9		
	Recreational Max with Background	4.05E-01	4.18E-02	1.80E+02	6.59E+00	2.74E+02	2.61E+01	6.74E+01	2.64E+01	1.36E+02	6.54E+01	5.62E+00	5.44E-01
	Commercial/Industrial Max with Background	7.15E-01	1.56E-01	2.19E+02	2.28E+01	2.92E+02	3.43E+01	7.00E+01	2.78E+01	1.39E+02	6.68E+01	8.20E+00	1.92E+00
	Residential Max with Background	9.11E-01	1.58E-01	2.82E+02	2.60E+01	3.25E+02	3.57E+01	7.37E+01	2.79E+01	1.43E+02	6.69E+01	1.19E+01	2.02E+00
	Grid Max with Background	1.47E+00	2.41E-01	2.82E+02	3.79E+01	3.25E+02	4.16E+01	7.66E+01	2.87E+01	1.46E+02	6.77E+01	1.48E+01	2.85E+00
442	Recreational	2.94E-01	4.18E-02	56.74	6.59	2.81E+01	3.13E+00	3.97E+00	5.44E-01	3.97E+00	5.44E-01	3.97E+00	5.44E-01
443	Recreational	4.05E-01	3.30E-02	79.08	6.42	3.94E+01	3.18E+00	5.62E+00	4.58E-01	5.62E+00	4.57E-01	5.62E+00	4.57E-01
444	Comercial/Industrial Workers	3.48E-01	6.34E-02	75.80	8.20	3.69E+01	3.80E+00	4.26E+00	7.85E-01	4.26E+00	7.85E-01	4.26E+00	7.85E-01
445	Comercial/Industrial Workers	3.78E-01	6.73E-02	84.14	22.78	4.22E+01	1.14E+01	4.11E+00	7.53E-01	4.11E+00	7.53E-01	4.11E+00	7.53E-01
446	Comercial/Industrial Workers	4.16E-01	6.04E-02	78.88	9.91	3.79E+01	4.87E+00	5.67E+00	7.62E-01	5.67E+00	7.62E-01	5.67E+00	7.62E-01
447	Comercial/Industrial Workers	5.88E-01	1.47E-01	94.87	9.58	4.63E+01	4.01E+00	7.04E+00	1.64E+00	7.04E+00	1.64E+00	7.04E+00	1.64E+00
448	Comercial/Industrial Workers	5.49E-01	1.03E-01	118.59	10.82	5.74E+01	5.11E+00	7.52E+00	1.24E+00	7.52E+00	1.24E+00	7.52E+00	1.24E+00
449	Comercial/Industrial Workers	5.07E-01	9.47E-02	65.54	10.63	3.20E+01	5.06E+00	5.48E+00	1.13E+00	5.48E+00	1.13E+00	5.48E+00	1.13E+00
450	Comercial/Industrial Workers	5.90E-01	7.72E-02	77.48	10.57	3.83E+01	4.97E+00	7.37E+00	9.71E-01	7.37E+00	9.71E-01	7.37E+00	9.71E-01
451	Comercial/Industrial Workers	5.71E-01	4.94E-02	104.76	8.31	5.19E+01	4.11E+00	7.77E+00	6.31E-01	7.77E+00	6.30E-01	7.77E+00	6.30E-01
452	Comercial/Industrial Workers	4.98E-01	1.56E-01	66.17	18.86	3.23E+01	8.96E+00	5.54E+00	1.92E+00	5.54E+00	1.92E+00	5.54E+00	1.92E+00
453	Comercial/Industrial Workers	3.03E-01	6.82E-02	46.74	10.29	2.29E+01	4.99E+00	3.94E+00	8.75E-01	3.94E+00	8.75E-01	3.94E+00	8.75E-01
454	Comercial/Industrial Workers	3.14E-01	4.97E-02	47.38	7.15	2.32E+01	3.39E+00	4.06E+00	6.33E-01	4.06E+00	6.33E-01	4.06E+00	6.33E-01
455	Comercial/Industrial Workers	3.12E-01	4.76E-02	41.01	7.17	2.04E+01	3.45E+00	3.68E+00	6.14E-01	3.68E+00	6.14E-01	3.68E+00	6.14E-01
456	Comercial/Industrial Workers	2.66E-01	4.48E-02	47.15	7.10	2.34E+01	3.43E+00	3.59E+00	5.85E-01	3.59E+00	5.85E-01	3.59E+00	5.85E-01
457	Comercial/Industrial Workers	2.51E-01	4.26E-02	47.86	6.94	2.40E+01	3.36E+00	3.44E+00	5.61E-01	3.44E+00	5.61E-01	3.44E+00	5.61E-01
458	Comercial/Industrial Workers	3.03E-01	4.69E-02	57.91	7.59	2.90E+01	3.74E+00	4.18E+00	6.17E-01	4.18E+00	6.17E-01	4.18E+00	6.17E-01
459	Comercial/Industrial Workers	2.58E-01	5.79E-02	43.22	10.11	2.13E+01	4.85E+00	3.43E+00	7.73E-01	3.43E+00	7.73E-01	3.43E+00	7.73E-01
460	Comercial/Industrial Workers	2.91E-01	6.38E-02	47.65	10.22	2.30E+01	4.79E+00	3.83E+00	8.29E-01	3.83E+00	8.29E-01	3.83E+00	8.29E-01
461	Comercial/Industrial Workers	4.40E-01	5.73E-02	66.99	9.34	3.29E+01	4.46E+00	5.71E+00	7.52E-01	5.71E+00	7.52E-01	5.71E+00	7.52E-01
462	Comercial/Industrial Workers	4.45E-01	5.51E-02	62.85	8.40	3.10E+01	4.00E+00	5.68E+00	7.01E-01	5.68E+00	7.01E-01	5.68E+00	7.01E-01
463	Comercial/Industrial Workers	3.59E-01	1.06E-01	49.51	12.40	2.45E+01	5.85E+00	4.21E+00	1.29E+00	4.21E+00	1.29E+00	4.21E+00	1.29E+00
464	Comercial/Industrial Workers	4.08E-01	1.28E-01	63.30	16.50	3.09E+01	7.93E+00	5.05E+00	1.57E+00	5.05E+00	1.57E+00	5.05E+00	1.57E+00
465	Comercial/Industrial Workers	5.19E-01	1.06E-01	51.16	16.48	2.54E+01	7.97E+00	5.24E+00	1.38E+00	5.24E+00	1.38E+00	5.24E+00	1.38E+00
466	Comercial/Industrial Workers	5.64E-01	7.86E-02	89.58	10.81	4.41E+01	5.20E+00	7.40E+00	9.95E-01	7.40E+00	9.94E-01	7.40E+00	9.94E-01
467	Comercial/Industrial Workers	4.99E-01	5.40E-02	77.14	5.37	3.74E+01	2.57E+00	6.48E+00	6.21E-01	6.48E+00	6.21E-01	6.48E+00	6.21E-01
468	Comercial/Industrial Workers	2.78E-01	4.38E-02	46.75	5.89	2.31E+01	2.85E+00	3.68E+00	5.52E-01	3.68E+00	5.52E-01	3.68E+00	5.52E-01
469	Comercial/Industrial Workers	3.84E-01	4.53E-02	57.70	5.99	2.79E+01	2.90E+00	4.95E+00	5.60E-01	4.95E+00	5.60E-01	4.95E+00	5.60E-01
470	Comercial/Industrial Workers	5.42E-01	7.65E-02	83.17	7.15	4.09E+01	3.42E+00	7.06E+00	8.62E-01	7.06E+00	8.62E-01	7.06E+00	8.62E-01
471	Comercial/Industrial Workers	6.84E-01	1.22E-01	75.08	9.01	3.70E+01	4.24E+00	8.20E+00	1.31E+00	8.20E+00	1.31E+00	8.20E+00	1.31E+00
472	Comercial/Industrial Workers	3.69E-01	7.32E-02	46.31	8.87	2.23E+01	4.25E+00	4.30E+00	9.03E-01	4.30E+00	9.03E-01	4.30E+00	9.03E-01
473	Comercial/Industrial Workers	3.81E-01	5.68E-02	56.90	7.42	2.70E+01	3.59E+00	4.65E+00	7.11E-01	4.65E+00	7.11E-01	4.65E+00	7.11E-01
474	Comercial/Industrial Workers	4.74E-01	6.14E-02	70.19	6.98	3.43E+01	3.38E+00	5.80E+00	7.37E-01	5.80E+00	7.37E-01	5.80E+00	7.37E-01
475	Comercial/Industrial Workers	4.88E-01	6.15E-02	72.85	7.02	3.57E+01	3.24E+00	5.98E+00	7.42E-01	5.98E+00	7.42E-01	5.98E+00	7.42E-01
476	Comercial/Industrial Workers	3.71E-01	4.63E-02	56.79	6.23	2.72E+01	3.02E+00	4.77E+00	5.84E-01	4.77E+00	5.84E-01	4.77E+00	5.84E-01
477	Comercial/Industrial Workers	5.16E-01	1.07E-01	55.32	11.76	2.58E+01	5.56E+00	5.83E+00	1.29E+00	5.83E+00	1.29E+00	5.83E+00	1.29E+00
478	Comercial/Industrial Workers	4.45E-01	8.42E-02	61.54	10.35	2.87E+01	4.97E+00	5.61E+00	1.04E+00	5.61E+00	1.04E+00	5.61E+00	1.04E+00
479	Comercial/Industrial Workers	3.96E-01	7.21E-02	57.84	9.01	2.74E+01	4.34E+00	5.06E+00	8.95E-01	5.06E+00	8.95E-01	5.06E+00	8.95E-01
480	Comercial/Industrial Workers	3.64E-01	6.59E-02	58.76	8.00	2.91E+01	3.65E+00	4.69E+00	8.06E-01	4.69E+00	8.06E-01	4.69E+00	8.06E-01
481	Comercial/Industrial Workers	3.89E-01	6.03E-02	55.39	7.91	2.74E+01	3.66E+00	4.63E+00	7.51E-01	4.63E+00	7.51E-01	4.63E+00	7.51E-01
482	Comercial/Industrial Workers	4.01E-01	5.80E-02	49.78	7.85	2.50E+01	3.66E+00	4.79E+00	7.28E-01	4.79E+00	7.28E-01	4.79E+00	7.28E-01
483	Comercial/Industrial Workers	7.15E-01	6.47E-02	66.51	8.24	3.21E+01	4.00E+00	7.24E+00	8.07E-01	7.24E+00	8.07E-01	7.24E+00	8.07E-01
484	Comercial/Industrial Workers	4.96E-01	5.18E-02	63.17	7.10	3.06E+01	3.31E+00	6.10E+00	6.48E-01	6.10E+00	6.48E-01	6.10E+00	6.48E-01
485	Comercial/Industrial Workers	3.65E-01	5.46E-02	68.37	7.04	3.39E+01	3.23E+00	5.01E+00	6.77E-01	5.01E+00	6.77E-01	5.01E+00	6.77E-01
486	Comercial/Industrial Workers	3.51E-01	6.66E-02	64.11	8.61	3.21E+01	4.01E+00	4.14E+00	8.27E-01	4.14E+00	8.27E-01	4.14E+00	8.27E-01
487	Comercial/Industrial Workers	2.54E-01	5.55E-02	51.29	8.50	2.54E+01	4.09E+00	3.38E+00	7.18E-01	3.38E+00	7.18E-01	3.38E+00	7.18E-01
488	School Tafe	4.31E-01	1.58E-01	92.37	22.68	4.63E+01	1.10E+01	5.67E+00	2.02E+00	5.67E+00	2.02E+00	5.67E+00	2.02E+00
489	Residential	5.05E-01	1.16E-01	88.73	19.07	4.44E+01	9.32E+00	6.43E+00	1.53E+00	6.43E+00	1.53E+00	6.43E+00	1.53E+00
490	Residential	4.04E-01	1.23E-01	88.77	26.03	4.42E+01	1.28E+01	5.15E+00	1.73E+00	5.15E+00	1.73E+00	5.15E+00	1.73E+00
491	Residential	4.90E-01	1.09E-01	92.24	17.96	4.54E+01	8.58E+00	6.65E+00	1.43E+00	6.65E+00	1.43E+00	6.65E+00	1.43E+00
492	Residential	4.83E-01	9.67E-02	65.10	13.38	3.23E+01	6.38E+00	6.00E+00	1.22E+00	6.00E+00	1.22E+00	6.00E+00	1.22E+00
493	Residential	3.98E-01	7.62E-02	73.12	10.61	3.63E+01	5.03E+00	5.29E+00	9.63E-01	5.29E+00	9.63E-01	5.29E+00	9.63E-01
494	Residential	3.38E-01	4.69E-02	66.88	9.11	3.30E+01	4.52E+00	4.70E+00	6.09E-01	4.70E+00	6.09E-01	4.70E+00	6.09E-01
495	Residential	3.29E-01	5.23E-02	63.67	9.23	3.09E+01	4.54E+00	4.52E+00	7.04E-01	4.52E+00	7.04E-01	4.52E+00	7.04E-01
496	Residential	3.82E-01	4.52E-02	51.89	6.73	2.55E+01	3.18E+00	4.79E+00	5.79E-01	4.79E+00	5.79E-01	4.79E+00	5.79E-01
497	Residential	2.89E-01	4.57E-02	51.76	6.74	2.57E+01	3.16E+00	3.88E+00	5.84E-01	3.88E+00	5.84E-01	3.88E+00	5.84E-01
498	Residential	3.82E-01	4.42E-02	63.18	7.17	3.11E+01	3.42E+00	4.85E+00	5.79E-01	4.85E+00	5.79E-01	4.85E+00	5.79E-01
499	Residential	3.95E-01	5.19E-02	51.23	7.62	2.57E+01	3.60E+00	4.78E+00	6.63E-01	4.78E+00	6.63E-01	4.78E+00	6.63E-01
500	Residential	3.49E-01	5.60E-02	64.93	7.57	3.21E+01	3.53E+00	4.38E+00	7.02E-01	4.38E+00	7.02E-01	4.38E+00	7.02E-01
501	Residential	4.51E-01	5.57E-02	68.66	7.02	3.40E+01	3.23E+00	5.80E+00	6.87E-01	5.80E+00	6.86E-01	5.80E+00	6.86E-01
502	Residential	3.94E-01	4.19E-02	62.92	5.18	3.07E+01	2.51E+00	5.16E+00	5.07E-01	5.16E+00	5.07E-01	5.16E+00	5.07E-01
503	Residential	2.68E-01	3.75E-02	46.67	5.16	2.32E+01	2.50E+00	3.60E+00	4.75E-01	3.60E+00	4.75E-01	3.60E+00	4.75E-01
504	Residential	3.38E-01	3.87E-02	55.35	4.94	2.72E+01	2.38E+00	4.47E+00	4.59E-01	4.47E+00	4.59E-01	4.47E+00	4.59E-01
505	Residential	3.97E-01	3.82E-02	64.97	4.34	3.18E+01	2.08E+00	5.24E+00	4.49E-01	5.24E+00	4.49E-01	5.24E+00	4.49E-01
506	Residential	3.95E-01	3.47E-02	63.06	5.07	3.12E+01	2.48E+00	5.13E+00	4.40E-01	5.13E+00	4.40E-01	5.13E+00	4.40E-01
507	Residential	3.66E-01	3.92E-02	59.21	5.80	2.90E+01	2.83E+00	4.81E+00	5.05E-01	4.81E+00	5.05E-01	4.81E+00	5.05E-01
508	Residential	3.76E-01	4.45E-02	63.68	6.75	3.12E+01	3.31E+00	4.95E+00	5.77E-01	4.95E+00	5.77E-01	4.95E+00	5.77E-01
509	Residential	3.29E-01	4.87E-02	50.91	7.66	2.48E+01	3.76E+00	4.28E+00	6.38E-01	4.28E+00	6.37E-01	4.28E+00	6.37E-01
510	Residential	3.11E-01	3.22E-02	53.04	4.85	2.61E+01	2.38E+00	4.15E+00	4.18E-01	4.15E+00	4.17E-01	4.15E+00	4.17E-01
511	Residential	2.97E-01	2.82E-02	48.75	4.08	2.42E+01	1.96E+00	3.84E+00	3.60E-01	3.84E+00	3.60E-01	3.84E+00	3.60E-01
512	Residential	3.01E-01	2.58E-02	50.82	3.66	2.55E+01	1.82E+00	4.00E+00	3.19E-01	4.00E+00	3.19E-01	4.00E+00	3.19E-01
513	Residential	2.67E-01	2.84E-02	45.58	3.97	2.29E+01	1.92E+00	3.58E+00	3.57E-01	3.58E+00	3.57E-01	3.58E+00	3.57E-01
514	Residential	3.02E-01	2.94E-02	50.74	4.10	2.48E+01	1.99E+00	4.01E+00	3.68E-01	4.01E+00	3.68E-01	4.01E+00	3.68E-01
515	Residential	3.53E-01	3.60E-02	61.58	4.69	3.04E+01	2.17E+00	4.74E+00	4.47E-01	4.74E+00	4.47E-01	4.74E+00	4.47E-01
516	Residential	4.25E-01	4.78E-02	68.00	6.46	3.34E+01	3.01E+00	5.57E+00	5.99E-01	5.57E+00	5.99E-01	5.57E+00	5.99E-01
517	Residential	3.05E-01	4.53E-02	60.65	6.99	3.02E+01	3.34E+00	4.05E+00	5.87E-01	4.05E+00	5.87E-01	4.05E+00	5.87E-01
518	Residential	3.70E-01	4.15E-02	58.28	7.08	2.85E+01	3.42E+00	4.84E+00	5.51E-01	4.84E+00	5.51E-01	4.84E+00	5.51E-01
519	Residential	2.97E-01	3.88E-02	54.53	6.36	2.68E+01	3.05E+00	4.03E+00	5.10E-01	4.03E+00	5.10E-01	4.03E+00	5.10E-01
520	Residential	3.46E-01	4.02E-02	55.39	6.30	2.78E+01	3.00E+00	3.99E+00	5.22E-01	3.99E+00	5.22E-01	3.99E+00	5.22E-01
521	Residential	3.66E-01	3.68E-02	61.74	5.85	3.03E+01	2.80E+00	4.87E+00	4.76E-01	4.87E+00	4.76E-01	4.87E+00	4.76E-01
522	Residential	4.36E-01	4.08E-02	66.93	6.96	3.23E+01	3.40E+00	5.66E+00	5.43E-01	5.66E+00	5.43E-01	5.66E+00	5.43E-01

523	Residential	3.07E-01	4.58E-02	61.86	8.81	3.03E+01	4.37E+00	3.96E+00	6.32E-01	3.96E+00	6.32E-01	3.96E+00	6.32E-01
524	Residential	3.37E-01	3.99E-02	68.87	6.34	3.43E+01	3.15E+00	4.61E+00	4.72E-01	4.61E+00	4.72E-01	4.61E+00	4.72E-01
525	Residential	3.45E-01	6.15E-02	64.92	9.73	3.21E+01	4.67E+00	4.68E+00	8.01E-01	4.68E+00	8.01E-01	4.68E+00	8.01E-01
526	Residential	4.28E-01	8.13E-02	62.19	11.87	3.09E+01	5.77E+00	5.44E+00	1.04E+00	5.44E+00	1.04E+00	5.44E+00	1.04E+00
527	Residential	3.80E-01	1.40E-01	75.56	22.41	3.79E+01	1.09E+01	5.09E+00	1.84E+00	5.09E+00	1.84E+00	5.09E+00	1.84E+00
528	Residential	4.16E-01	1.06E-01	83.84	23.15	4.14E+01	1.15E+01	5.81E+00	1.38E+00	5.81E+00	1.38E+00	5.81E+00	1.38E+00
529	Residential	4.00E-01	1.00E-01	70.26	22.10	3.45E+01	1.09E+01	5.38E+00	1.44E+00	5.38E+00	1.44E+00	5.38E+00	1.44E+00
530	Residential	3.63E-01	1.33E-01	67.62	21.51	3.39E+01	1.05E+01	4.74E+00	1.74E+00	4.74E+00	1.74E+00	4.74E+00	1.74E+00
531	Residential	3.49E-01	1.12E-01	74.30	14.77	3.73E+01	7.30E+00	4.97E+00	1.38E+00	4.97E+00	1.38E+00	4.97E+00	1.38E+00
532	Residential	3.81E-01	9.27E-02	57.66	18.46	2.84E+01	9.08E+00	4.74E+00	1.29E+00	4.74E+00	1.29E+00	4.74E+00	1.29E+00
533	Residential	4.08E-01	8.71E-02	82.39	14.34	4.06E+01	6.90E+00	5.69E+00	1.15E+00	5.69E+00	1.15E+00	5.69E+00	1.15E+00
534	Residential	3.45E-01	6.61E-02	61.31	10.32	3.01E+01	5.01E+00	4.23E+00	8.36E-01	4.23E+00	8.36E-01	4.23E+00	8.36E-01
535	Residential	3.97E-01	5.18E-02	62.25	7.48	3.04E+01	3.54E+00	5.09E+00	6.60E-01	5.09E+00	6.60E-01	5.09E+00	6.60E-01
536	Residential	3.48E-01	3.33E-02	69.57	6.88	3.44E+01	3.42E+00	4.85E+00	4.69E-01	4.85E+00	4.69E-01	4.85E+00	4.69E-01
537	Residential	3.05E-01	4.34E-02	70.05	8.13	3.42E+01	4.03E+00	4.41E+00	5.95E-01	4.41E+00	5.95E-01	4.41E+00	5.95E-01
538	Residential	4.53E-01	3.78E-02	71.84	6.53	3.47E+01	3.20E+00	5.92E+00	5.06E-01	5.92E+00	5.06E-01	5.92E+00	5.06E-01
539	Residential	3.64E-01	3.41E-02	58.80	5.50	2.93E+01	2.64E+00	4.77E+00	4.47E-01	4.77E+00	4.47E-01	4.77E+00	4.47E-01
540	Residential	2.88E-01	3.93E-02	54.14	6.28	2.71E+01	3.00E+00	3.69E+00	5.13E-01	3.69E+00	5.13E-01	3.69E+00	5.13E-01
541	Residential	3.02E-01	3.70E-02	55.40	6.23	2.76E+01	3.00E+00	4.04E+00	4.90E-01	4.04E+00	4.90E-01	4.04E+00	4.90E-01
542	Residential	3.26E-01	3.67E-02	57.42	6.60	2.81E+01	3.21E+00	4.29E+00	4.95E-01	4.29E+00	4.95E-01	4.29E+00	4.95E-01
543	Residential	3.36E-01	3.86E-02	58.95	6.94	2.90E+01	3.37E+00	4.52E+00	5.20E-01	4.52E+00	5.20E-01	4.52E+00	5.20E-01
544	Residential	3.38E-01	4.06E-02	51.80	6.85	2.53E+01	3.31E+00	4.39E+00	5.39E-01	4.39E+00	5.39E-01	4.39E+00	5.39E-01
545	Residential	3.25E-01	4.48E-02	68.50	6.67	3.40E+01	3.18E+00	4.60E+00	5.75E-01	4.60E+00	5.75E-01	4.60E+00	5.75E-01
546	Residential	3.87E-01	4.26E-02	64.58	5.93	3.18E+01	2.79E+00	5.14E+00	5.37E-01	5.14E+00	5.37E-01	5.14E+00	5.37E-01
547	Residential	3.65E-01	3.76E-02	57.81	5.07	2.85E+01	2.36E+00	4.66E+00	4.71E-01	4.66E+00	4.71E-01	4.66E+00	4.71E-01
548	Residential	3.11E-01	2.81E-02	54.92	3.99	2.70E+01	1.91E+00	4.19E+00	3.56E-01	4.19E+00	3.56E-01	4.19E+00	3.56E-01
549	Residential	2.51E-01	2.62E-02	41.15	3.75	2.00E+01	1.82E+00	3.31E+00	3.32E-01	3.31E+00	3.32E-01	3.31E+00	3.32E-01
550	Residential	2.73E-01	2.33E-02	49.30	3.50	2.47E+01	1.71E+00	3.71E+00	3.01E-01	3.71E+00	3.01E-01	3.71E+00	3.01E-01
551	Residential	2.83E-01	2.60E-02	44.08	3.78	2.19E+01	1.82E+00	3.68E+00	3.33E-01	3.68E+00	3.33E-01	3.68E+00	3.33E-01
552	Residential	2.49E-01	2.66E-02	45.22	4.03	2.24E+01	1.94E+00	3.35E+00	3.44E-01	3.35E+00	3.44E-01	3.35E+00	3.44E-01
553	Residential	4.01E-01	4.29E-02	64.13	6.35	3.12E+01	3.09E+00	5.21E+00	5.53E-01	5.21E+00	5.53E-01	5.21E+00	5.53E-01
554	Residential	4.38E-01	4.78E-02	70.51	7.03	3.45E+01	3.43E+00	5.71E+00	6.16E-01	5.71E+00	6.15E-01	5.71E+00	6.15E-01
555	Residential	3.87E-01	5.44E-02	62.09	8.23	3.03E+01	4.02E+00	5.08E+00	7.05E-01	5.08E+00	7.04E-01	5.08E+00	7.04E-01
556	Residential	3.16E-01	5.64E-02	53.45	9.11	2.62E+01	4.46E+00	4.20E+00	7.42E-01	4.20E+00	7.42E-01	4.20E+00	7.42E-01
557	Residential	2.81E-01	5.50E-02	47.33	9.32	2.34E+01	4.56E+00	3.70E+00	7.33E-01	3.70E+00	7.32E-01	3.70E+00	7.32E-01
558	Residential	3.52E-01	4.46E-02	64.75	7.92	3.24E+01	3.81E+00	4.81E+00	5.97E-01	4.81E+00	5.97E-01	4.81E+00	5.97E-01
559	Residential	3.00E-01	5.66E-02	52.40	9.56	2.58E+01	4.62E+00	4.02E+00	7.51E-01	4.02E+00	7.50E-01	4.02E+00	7.50E-01
560	Residential	3.18E-01	6.20E-02	51.28	10.33	2.52E+01	4.99E+00	4.19E+00	8.20E-01	4.19E+00	8.20E-01	4.19E+00	8.20E-01
561	Residential	3.70E-01	7.02E-02	61.04	11.03	3.01E+01	5.33E+00	4.90E+00	9.15E-01	4.90E+00	9.14E-01	4.90E+00	9.14E-01
562	Residential	4.50E-01	7.48E-02	72.09	10.99	3.55E+01	5.30E+00	5.91E+00	9.60E-01	5.91E+00	9.59E-01	5.91E+00	9.59E-01
563	Residential	9.11E-01	7.17E-02	63.90	9.48	3.04E+01	4.60E+00	9.21E+00	9.01E-01	9.21E+00	9.01E-01	9.21E+00	9.01E-01
564	Residential	3.74E-01	7.26E-02	45.51	9.76	2.22E+01	4.70E+00	3.79E+00	8.88E-01	3.79E+00	8.88E-01	3.79E+00	8.88E-01
565	Residential	6.35E-01	6.26E-02	37.81	8.90	1.89E+01	4.21E+00	6.41E+00	7.78E-01	6.41E+00	7.77E-01	6.41E+00	7.77E-01
566	Residential	2.71E-01	4.59E-02	59.15	9.07	2.88E+01	4.40E+00	3.89E+00	6.35E-01	3.89E+00	6.35E-01	3.89E+00	6.35E-01
567	Residential	2.55E-01	5.48E-02	53.08	10.32	2.57E+01	4.98E+00	3.62E+00	7.47E-01	3.62E+00	7.47E-01	3.62E+00	7.47E-01
568	Residential	3.40E-01	5.22E-02	66.11	8.53	3.21E+01	4.04E+00	4.68E+00	6.83E-01	4.68E+00	6.83E-01	4.68E+00	6.83E-01
569	Residential	4.16E-01	4.67E-02	65.48	8.89	3.17E+01	4.40E+00	5.43E+00	6.37E-01	5.43E+00	6.37E-01	5.43E+00	6.37E-01
570	Residential	3.62E-01	6.90E-02	47.79	13.09	2.39E+01	6.37E+00	3.97E+00	9.44E-01	3.97E+00	9.44E-01	3.97E+00	9.44E-01
571	Residential	3.68E-01	5.72E-02	47.49	9.29	2.32E+01	4.56E+00	4.34E+00	6.83E-01	4.34E+00	6.83E-01	4.34E+00	6.83E-01
572	Residential	3.52E-01	6.26E-02	51.33	9.58	2.52E+01	4.62E+00	4.45E+00	8.11E-01	4.45E+00	8.11E-01	4.45E+00	8.11E-01
573	Residential	2.80E-01	7.86E-02	42.89	13.93	2.10E+01	6.83E+00	3.64E+00	1.02E+00	3.64E+00	1.02E+00	3.64E+00	1.02E+00
574	Residential	4.06E-01	9.63E-02	44.25	12.80	2.18E+01	6.08E+00	4.10E+00	1.21E+00	4.10E+00	1.21E+00	4.10E+00	1.21E+00
575	Residential	3.42E-01	6.50E-02	44.63	8.30	2.21E+01	4.04E+00	4.26E+00	7.41E-01	4.26E+00	7.41E-01	4.26E+00	7.41E-01
576	Residential	3.29E-01	5.57E-02	46.54	8.65	2.29E+01	4.21E+00	4.02E+00	7.02E-01	4.02E+00	7.02E-01	4.02E+00	7.02E-01
577	Residential	3.31E-01	5.46E-02	47.56	7.53	2.30E+01	3.59E+00	4.23E+00	6.72E-01	4.23E+00	6.71E-01	4.23E+00	6.71E-01
578	Residential	3.51E-01	8.88E-02	42.61	13.49	2.06E+01	6.48E+00	3.58E+00	1.15E+00	3.58E+00	1.15E+00	3.58E+00	1.15E+00
579	Residential	5.40E-01	8.35E-02	43.09	11.60	2.11E+01	5.53E+00	5.45E+00	1.06E+00	5.45E+00	1.06E+00	5.45E+00	1.06E+00
580	Residential	2.54E-01	7.16E-02	38.47	8.14	1.90E+01	3.93E+00	3.17E+00	8.56E-01	3.17E+00	8.56E-01	3.17E+00	8.56E-01
581	Residential	2.98E-01	5.93E-02	46.40	8.71	2.31E+01	4.20E+00	3.46E+00	7.26E-01	3.46E+00	7.26E-01	3.46E+00	7.26E-01
582	Residential	4.09E-01	6.52E-02	38.70	8.51	1.91E+01	4.09E+00	4.84E+00	7.49E-01	4.84E+00	7.48E-01	4.84E+00	7.48E-01
583	Residential	4.72E-01	6.25E-02	44.56	8.94	2.22E+01	4.35E+00	4.85E+00	7.67E-01	4.84E+00	7.66E-01	4.84E+00	7.66E-01
584	Residential	4.33E-01	6.53E-02	50.23	9.67	2.49E+01	4.68E+00	5.32E+00	8.40E-01	5.32E+00	8.40E-01	5.32E+00	8.40E-01
585	Residential	7.93E-01	7.17E-02	110.81	9.09	5.51E+01	4.32E+00	1.01E+01	8.90E-01	1.01E+01	8.90E-01	1.01E+01	8.90E-01
586	Residential	7.12E-01	6.30E-02	146.88	8.93	7.27E+01	4.26E+00	1.00E+01	7.67E-01	1.00E+01	7.67E-01	1.00E+01	7.67E-01
587	Residential	2.73E-01	5.45E-02	93.29	8.54	4.55E+01	4.22E+00	4.54E+00	6.90E-01	4.54E+00	6.90E-01	4.54E+00	6.90E-01
588	Residential	4.27E-01	5.54E-02	57.65	8.16	2.85E+01	3.97E+00	5.41E+00	7.09E-01	5.41E+00	7.09E-01	5.41E+00	7.09E-01
589	Residential	4.78E-01	5.16E-02	76.10	8.33	3.75E+01	3.97E+00	6.27E+00	6.65E-01	6.27E+00	6.65E-01	6.27E+00	6.65E-01
590	Residential	4.29E-01	5.03E-02	74.57	8.60	3.66E+01	4.12E+00	5.75E+00	6.68E-01	5.75E+00	6.68E-01	5.75E+00	6.68E-01
591	Residential	2.14E-01	5.38E-02	41.03	9.98	2.03E+01	4.76E+00	2.86E+00	7.28E-01	2.86E+00	7.28E-01	2.86E+00	7.28E-01
592	Residential	2.60E-01	5.53E-02	46.68	9.90	2.30E+01	4.81E+00	3.51E+00	7.45E-01	3.51E+00	7.45E-01	3.51E+00	7.45E-01
593	Residential	2.70E-01	5.39E-02	48.67	9.48	2.40E+01	4.63E+00	3.66E+00	7.23E-01	3.66E+00	7.23E-01	3.66E+00	7.23E-01
594	Residential	2.75E-01	4.27E-02	52.26	6.91	2.62E+01	3.42E+00	3.79E+00	5.63E-01	3.79E+00	5.63E-01	3.79E+00	5.63E-01
595	Residential	2.31E-01	3.74E-02	44.55	6.47	2.23E+01	3.15E+00	3.19E+00	5.00E-01	3.19E+00	5.00E-01	3.19E+00	5.00E-01
596	Residential	2.24E-01	3.74E-02	38.84	6.44	1.95E+01	3.14E+00	2.86E+00	5.01E-01	2.86E+00	5.01E-01	2.86E+00	5.01E-01
597	Residential	2.82E-01	3.61E-02	47.73	6.16	2.32E+01	3.01E+00	3.75E+00	4.83E-01	3.75E+00	4.82E-01	3.75E+00	4.82E-01
598	Residential	3.22E-01	3.41E-02	58.96	6.01	2.90E+01	2.98E+00	4.38E+00	4.54E-01	4.38E+00	4.54E-01	4.38E+00	4.54E-01
599	Residential	3.40E-01	3.13E-02	63.97	5.86	3.16E+01	2.91E+00	4.66E+00	4.28E-01	4.66E+00	4.28E-01	4.66E+00	4.28E-01
600	Residential	3.27E-01	3.09E-02	61.27	5.49	3.04E+01	2.73E+00	4.49E+00	4.18E-01	4.49E+00	4.18E-01	4.49E+00	4.18E-01
601	Residential	2.43E-01	2.96E-02	44.34	5.26	2.19E+01	2.61E+00	3.30E+00	4.00E-01	3.30E+00	4.00E-01	3.30E+00	4.00E-01
602	Residential	2.27E-01	3.13E-02	40.69	5.53	2.00E+01	2.71E+00	3.07E+00	4.23E-01	3.07E+00	4.23E-01	3.07E+00	4.23E-01
603	Residential	2.02E-01	3.21E-02	35.99	5.68	1.80E+01	2.78E+00	2.69E+00	4.33E-01	2.69E+00	4.33E-01	2.69E+00	4.33E-01
604	Residential	1.83E-01	3.19E-02	35.85	5.65	1.79E+01	2.76E+00	2.51E+00	4.30E-01	2.51E+00	4.30E-01	2.51E+00	4.30E-01
605	Residential	2.18E-01	4.01E-02	41.12	6.79	2.06E+01	3.37E+00	3.00E+00	5.35E-01	3.00E+00	5.35E-01	3.00E+00	5.35E-01
606	Residential	2.28E-01	4.33E-02	42.62	7.57	2.14E+01	3.75E+00	3.13E+00	5.82E-01	3.13E+00	5.82E-01	3.13E+00	5.82E-01
607	Residential	2.22E-01	4.55E-02	41.21	8.34	2.07E+01	4.12E+00	3.04E+00	6.19E-01	3.04E+00	6.19E-01	3.04E+00	6.19E-01
608	Residential	2.05E-01	4.57E-02	38.40	8.75	1.90E+01	4.29E+00	2.81E+00	6.28E-01	2.81E+00	6.28E-01	2.81E+00	6.28E-01
609	Residential	1.78E-01	4.24E-02	36.69	8.53	1.81E+01	4.13E+00	2.44E+00	5.89E-01	2.44E+00	5.89E-01	2.44E+00	5.89E-01
610	Residential	2.25E-01	3.72E-02	45.31	7.46	2.21E+01	3.53E+00	3.13E+00	5.07E-01	3.13E+00	5.07E-01	3.13E+00	5.07E-01
611	Residential	3.17E-01	3.84E-02	58.65	6.49	2.88E+01	3.15E+00	4.32E+00	5.09E-01	4.32E+00	5.09E-01	4.32E+00	5.09E-01
612	Residential	3.94E-01	4.23E-02	64.75	7.04	3.20E+01	3.38E+00	5.21E+00	5.58E-01	5.21E+00	5.58E-01	5.21E+00	5.58E-01
613	Residential	3.92E-01	4.16E-02	56.01	6.99	2.77E+01	3.36E+00	5.02E+00	5.44E-01	5.02E+00	5.44E-01	5.02E+00	5.44E-01
614	Residential	3.19E-01	4.81E-02	56.88	7.27	2.81E+01	3.52E+00	3.98E+00	6.22E-01	3.97E+00	6.22E-01	3.97E+00	6.22E-01
615	Residential	2.21E-01	5.68E-02	136.33	8.22	6.79E+01	3.96E+00	4.29E+00	6.98E-01	4.29E+00	6.98E-01	4.29E+00	6.98E-01
616	Residential	5.26E-01	6.30E-02	181.02	9.28	9.03E+01	4.63E+00	8.87E+00	7.84E-01	8.87E+00	7.84E-01	8.87E+00	7.84E-01
617	Residential	9.02E-01	5.89E-02	145.57	8.44	7.26E+01	4.08E+00	1.19E+01	7.52E-01	1.19E+01	7.52E-01	1.19E+01	7.52E-01
618	Residential	8.81E-01	5.07E-02	67.93	7.59	3.38E+01	3.70E+00	1.01E+01	6.33E-01	1.01E+01	6.33E-01	1.01E+01	6.33E-01
619	Residential	6.24E-01	5.34E-02	73.42	6.78	3.67E+01	3.19E+00	6.76E+00	6.18E-01	6.76E+00	6.18E-01	6.76E+00	6.18E-01
620	Residential	6.16E-01	5.74E-02	70.37	7.07	3.52E+01	3.41E+00	7.55E+00	6.53E-01	7.55E+00	6.53E-01	7.55E+00	6.53E-01
621	Residential	4.57E-01	5.01E-02	74.31	6.99	3.67E+01	3.36E+00	6.03E+00	6.19E-01	6.03E+00	6.19E-01	6.03E+00	6.19E-01
622	Residential	3.03E-01	6.06E-02	33.76	6.95	1.64E+01	3.34E+00	3.61E+00	7.29E-01	3.61E+00	7.29E-01	3.61E+00	7.29E-01
623	Residential	3.98E-01	6.84E-02	35.69	9.20	1.75E+01	4.41E+00	4.03E+00	8.32E-01	4.03E+00	8.32E-01	4.03E+00	8.32E-01
624	Residential	2.64E-01	7.68E-02	42.64	11.87	2.07E+01	5.67E+00	3.20E+00	9.95E-01	3.20E+00	9.95E-01	3.20E+00	9.95E-01

625	Residential	4.26E-01	5.45E-02	43.93	7.58	2.15E+01	3.68E+00	4.30E+00	6.54E-01	4.30E+00	6.54E-01	4.30E+00	6.54E-01
1	Gridded	1.05E-01	1.53E-02	19.95	2.78	9.96E+00	1.39E+00	1.41E+00	2.08E-01	1.40E+00	2.08E-01	1.40E+00	2.08E-01
2	Gridded	9.19E-02	1.29E-02	19.03	2.31	9.53E+00	1.13E+00	1.30E+00	1.75E-01	1.30E+00	1.75E-01	1.30E+00	1.75E-01
3	Gridded	1.12E-01	1.81E-02	21.50	3.85	1.07E+01	1.91E+00	1.55E+00	2.58E-01	1.55E+00	2.58E-01	1.55E+00	2.58E-01
4	Gridded	1.22E-01	2.20E-02	22.10	3.92	1.09E+01	1.95E+00	1.66E+00	2.98E-01	1.66E+00	2.98E-01	1.66E+00	2.98E-01
5	Gridded	1.45E-01	2.57E-02	27.25	4.48	1.36E+01	2.24E+00	1.99E+00	3.48E-01	1.99E+00	3.48E-01	1.99E+00	3.48E-01
6	Gridded	1.35E-01	1.33E-02	22.47	2.28	1.10E+01	1.11E+00	1.80E+00	1.78E-01	1.80E+00	1.78E-01	1.80E+00	1.78E-01
7	Gridded	1.33E-01	1.59E-02	24.14	2.72	1.21E+01	1.34E+00	1.81E+00	2.12E-01	1.81E+00	2.12E-01	1.81E+00	2.12E-01
8	Gridded	1.34E-01	9.26E-03	23.56	1.77	1.18E+01	8.87E-01	1.82E+00	1.28E-01	1.82E+00	1.28E-01	1.82E+00	1.28E-01
9	Gridded	1.21E-01	9.26E-03	21.95	1.72	1.10E+01	8.46E-01	1.65E+00	1.26E-01	1.65E+00	1.26E-01	1.65E+00	1.26E-01
10	Gridded	1.02E-01	1.22E-02	17.60	1.93	8.81E+00	9.34E-01	1.37E+00	1.59E-01	1.37E+00	1.59E-01	1.37E+00	1.59E-01
11	Gridded	1.21E-01	1.40E-02	19.98	2.31	9.85E+00	1.13E+00	1.57E+00	1.85E-01	1.57E+00	1.85E-01	1.57E+00	1.85E-01
12	Gridded	1.10E-01	1.22E-02	20.40	2.21	1.02E+01	1.09E+00	1.51E+00	1.66E-01	1.51E+00	1.66E-01	1.51E+00	1.66E-01
13	Gridded	9.35E-02	9.92E-03	16.84	1.77	8.38E+00	8.77E-01	1.26E+00	1.34E-01	1.26E+00	1.34E-01	1.26E+00	1.34E-01
14	Gridded	9.57E-02	9.28E-03	17.55	1.51	8.67E+00	7.43E-01	1.30E+00	1.24E-01	1.30E+00	1.24E-01	1.30E+00	1.24E-01
15	Gridded	1.01E-01	9.47E-03	17.37	1.68	8.52E+00	8.26E-01	1.36E+00	1.28E-01	1.36E+00	1.28E-01	1.36E+00	1.28E-01
16	Gridded	9.55E-02	1.01E-02	17.12	1.64	8.45E+00	8.12E-01	1.29E+00	1.33E-01	1.29E+00	1.33E-01	1.29E+00	1.33E-01
17	Gridded	1.06E-01	1.10E-02	18.56	2.05	9.29E+00	1.02E+00	1.43E+00	1.51E-01	1.43E+00	1.51E-01	1.43E+00	1.51E-01
18	Gridded	1.23E-01	1.38E-02	23.45	2.64	1.17E+01	1.32E+00	1.70E+00	1.90E-01	1.70E+00	1.90E-01	1.70E+00	1.90E-01
19	Gridded	1.54E-01	1.57E-02	29.12	2.99	1.46E+01	1.49E+00	2.12E+00	2.16E-01	2.12E+00	2.16E-01	2.12E+00	2.16E-01
20	Gridded	1.25E-01	1.29E-02	23.69	2.33	1.19E+01	1.15E+00	1.72E+00	1.76E-01	1.72E+00	1.76E-01	1.72E+00	1.76E-01
21	Gridded	1.16E-01	1.54E-02	22.68	2.72	1.12E+01	1.32E+00	1.58E+00	2.07E-01	1.58E+00	2.07E-01	1.58E+00	2.07E-01
22	Gridded	1.72E-01	1.61E-02	32.87	3.29	1.63E+01	1.64E+00	2.38E+00	2.27E-01	2.38E+00	2.27E-01	2.38E+00	2.27E-01
23	Gridded	1.16E-01	1.59E-02	20.37	2.84	1.02E+01	1.42E+00	1.57E+00	2.16E-01	1.57E+00	2.16E-01	1.57E+00	2.16E-01
24	Gridded	9.38E-02	1.46E-02	18.92	2.66	9.47E+00	1.31E+00	1.32E+00	1.99E-01	1.32E+00	1.99E-01	1.32E+00	1.99E-01
25	Gridded	1.20E-01	2.28E-02	23.32	4.61	1.17E+01	2.29E+00	1.64E+00	3.19E-01	1.64E+00	3.19E-01	1.64E+00	3.19E-01
26	Gridded	1.40E-01	2.71E-02	24.37	5.04	1.22E+01	2.52E+00	1.88E+00	3.73E-01	1.88E+00	3.73E-01	1.88E+00	3.73E-01
27	Gridded	1.61E-01	2.44E-02	29.92	4.17	1.50E+01	2.09E+00	2.21E+00	3.28E-01	2.21E+00	3.28E-01	2.21E+00	3.28E-01
28	Gridded	1.68E-01	1.65E-02	31.16	2.93	1.54E+01	1.44E+00	2.30E+00	2.23E-01	2.30E+00	2.23E-01	2.30E+00	2.23E-01
29	Gridded	1.50E-01	1.18E-02	26.80	2.05	1.34E+01	1.02E+00	2.04E+00	1.55E-01	2.04E+00	1.55E-01	2.04E+00	1.55E-01
30	Gridded	1.40E-01	1.02E-02	25.34	1.87	1.27E+01	9.20E-01	1.91E+00	1.38E-01	1.91E+00	1.38E-01	1.91E+00	1.38E-01
31	Gridded	1.16E-01	1.33E-02	20.06	2.07	1.01E+01	1.00E+00	1.55E+00	1.73E-01	1.55E+00	1.73E-01	1.55E+00	1.73E-01
32	Gridded	1.40E-01	1.57E-02	23.48	2.61	1.16E+01	1.27E+00	1.86E+00	2.08E-01	1.86E+00	2.08E-01	1.86E+00	2.08E-01
33	Gridded	1.09E-01	1.37E-02	22.20	2.50	1.10E+01	1.23E+00	1.49E+00	1.86E-01	1.49E+00	1.86E-01	1.49E+00	1.86E-01
34	Gridded	1.19E-01	1.16E-02	20.59	2.09	1.01E+01	1.03E+00	1.59E+00	1.57E-01	1.59E+00	1.57E-01	1.59E+00	1.57E-01
35	Gridded	1.00E-01	1.02E-02	19.00	1.75	9.49E+00	8.58E-01	1.38E+00	1.36E-01	1.38E+00	1.36E-01	1.38E+00	1.36E-01
36	Gridded	1.14E-01	1.08E-02	19.59	1.96	9.61E+00	9.66E-01	1.50E+00	1.47E-01	1.50E+00	1.47E-01	1.50E+00	1.47E-01
37	Gridded	8.83E-02	1.16E-02	16.69	2.10	8.36E+00	1.04E+00	1.22E+00	1.58E-01	1.22E+00	1.58E-01	1.22E+00	1.58E-01
38	Gridded	1.34E-01	1.39E-02	25.51	2.65	1.28E+01	1.32E+00	1.84E+00	1.93E-01	1.84E+00	1.92E-01	1.84E+00	1.92E-01
39	Gridded	1.47E-01	1.68E-02	28.16	3.21	1.41E+01	1.60E+00	2.03E+00	2.32E-01	2.03E+00	2.32E-01	2.03E+00	2.32E-01
40	Gridded	1.41E-01	1.39E-02	26.13	2.61	1.31E+01	1.31E+00	1.93E+00	1.91E-01	1.93E+00	1.91E-01	1.93E+00	1.91E-01
41	Gridded	1.36E-01	1.75E-02	27.80	3.14	1.37E+01	1.53E+00	1.90E+00	2.37E-01	1.90E+00	2.37E-01	1.90E+00	2.37E-01
42	Gridded	1.47E-01	2.21E-02	28.09	3.74	1.38E+01	1.82E+00	2.01E+00	2.94E-01	2.01E+00	2.94E-01	2.01E+00	2.94E-01
43	Gridded	1.37E-01	1.56E-02	27.21	2.90	1.34E+01	1.43E+00	1.91E+00	2.14E-01	1.91E+00	2.14E-01	1.91E+00	2.14E-01
44	Gridded	1.81E-01	1.66E-02	35.12	3.40	1.75E+01	1.69E+00	2.52E+00	2.34E-01	2.52E+00	2.34E-01	2.52E+00	2.34E-01
45	Gridded	1.29E-01	1.67E-02	23.21	2.87	1.16E+01	1.44E+00	1.76E+00	2.25E-01	1.76E+00	2.25E-01	1.76E+00	2.25E-01
46	Gridded	1.05E-01	1.72E-02	21.18	3.31	1.04E+01	1.62E+00	1.45E+00	2.35E-01	1.45E+00	2.35E-01	1.45E+00	2.35E-01
47	Gridded	1.25E-01	2.86E-02	26.48	5.48	1.33E+01	2.72E+00	1.74E+00	3.95E-01	1.74E+00	3.95E-01	1.74E+00	3.95E-01
48	Gridded	1.63E-01	3.24E-02	31.01	5.85	1.55E+01	2.92E+00	2.25E+00	4.41E-01	2.25E+00	4.41E-01	2.25E+00	4.41E-01
49	Gridded	2.10E-01	1.80E-02	36.09	3.00	1.77E+01	1.50E+00	2.81E+00	2.40E-01	2.81E+00	2.40E-01	2.81E+00	2.40E-01
50	Gridded	1.74E-01	1.68E-02	30.51	2.79	1.52E+01	1.37E+00	2.34E+00	2.23E-01	2.34E+00	2.23E-01	2.34E+00	2.23E-01
51	Gridded	1.72E-01	1.10E-02	30.47	1.98	1.53E+01	9.69E-01	2.32E+00	1.49E-01	2.32E+00	1.49E-01	2.32E+00	1.49E-01
52	Gridded	1.33E-01	1.46E-02	22.88	2.22	1.13E+01	1.10E+00	1.78E+00	1.88E-01	1.78E+00	1.88E-01	1.78E+00	1.88E-01
53	Gridded	1.57E-01	1.85E-02	29.19	3.12	1.44E+01	1.52E+00	2.15E+00	2.46E-01	2.15E+00	2.46E-01	2.15E+00	2.46E-01
54	Gridded	1.31E-01	1.58E-02	23.34	2.94	1.17E+01	1.46E+00	1.74E+00	2.16E-01	1.74E+00	2.16E-01	1.74E+00	2.16E-01
55	Gridded	1.39E-01	1.29E-02	25.06	2.35	1.23E+01	1.16E+00	1.88E+00	1.75E-01	1.88E+00	1.75E-01	1.88E+00	1.75E-01
56	Gridded	1.25E-01	1.22E-02	22.52	2.25	1.11E+01	1.10E+00	1.66E+00	1.67E-01	1.66E+00	1.66E-01	1.66E+00	1.66E-01
57	Gridded	1.20E-01	1.45E-02	23.63	2.26	1.16E+01	1.12E+00	1.63E+00	1.91E-01	1.63E+00	1.90E-01	1.63E+00	1.90E-01
58	Gridded	1.17E-01	1.40E-02	20.38	2.62	1.02E+01	1.30E+00	1.56E+00	1.92E-01	1.56E+00	1.92E-01	1.56E+00	1.92E-01
59	Gridded	1.30E-01	1.67E-02	25.05	3.19	1.25E+01	1.60E+00	1.80E+00	2.31E-01	1.80E+00	2.31E-01	1.80E+00	2.31E-01
60	Gridded	1.58E-01	1.58E-02	29.69	3.00	1.49E+01	1.50E+00	2.17E+00	2.18E-01	2.17E+00	2.18E-01	2.17E+00	2.18E-01
61	Gridded	1.40E-01	1.79E-02	28.74	3.16	1.42E+01	1.54E+00	1.97E+00	2.40E-01	1.97E+00	2.40E-01	1.97E+00	2.40E-01
62	Gridded	1.48E-01	2.32E-02	28.55	3.82	1.41E+01	1.86E+00	2.04E+00	3.07E-01	2.04E+00	3.06E-01	2.04E+00	3.06E-01
63	Gridded	2.21E-01	2.66E-02	43.48	4.55	2.14E+01	2.20E+00	3.07E+00	3.54E-01	3.07E+00	3.54E-01	3.07E+00	3.54E-01
64	Gridded	9.56E-02	1.59E-02	18.12	2.70	9.07E+00	1.34E+00	1.32E+00	2.12E-01	1.32E+00	2.12E-01	1.32E+00	2.12E-01
65	Gridded	1.21E-01	1.66E-02	23.67	3.05	1.16E+01	1.51E+00	1.68E+00	2.27E-01	1.68E+00	2.27E-01	1.68E+00	2.27E-01
66	Gridded	1.81E-01	1.77E-02	35.58	3.56	1.77E+01	1.77E+00	2.52E+00	2.48E-01	2.52E+00	2.48E-01	2.52E+00	2.48E-01
67	Gridded	1.47E-01	1.83E-02	27.49	3.07	1.37E+01	1.53E+00	2.02E+00	2.45E-01	2.02E+00	2.45E-01	2.02E+00	2.45E-01
68	Gridded	1.23E-01	2.05E-02	24.26	4.16	1.19E+01	2.05E+00	1.70E+00	2.87E-01	1.70E+00	2.87E-01	1.70E+00	2.87E-01
69	Gridded	1.55E-01	3.32E-02	28.88	6.02	1.45E+01	2.97E+00	2.11E+00	4.51E-01	2.11E+00	4.51E-01	2.11E+00	4.51E-01
70	Gridded	2.02E-01	3.10E-02	33.25	5.46	1.66E+01	2.73E+00	2.63E+00	4.20E-01	2.63E+00	4.20E-01	2.63E+00	4.20E-01
71	Gridded	2.32E-01	1.95E-02	38.31	3.33	1.89E+01	1.62E+00	3.07E+00	2.60E-01	3.07E+00	2.60E-01	3.07E+00	2.60E-01
72	Gridded	1.99E-01	1.32E-02	34.63	2.29	1.73E+01	1.13E+00	2.68E+00	1.77E-01	2.68E+00	1.77E-01	2.68E+00	1.77E-01
73	Gridded	1.63E-01	1.64E-02	28.28	2.54	1.39E+01	1.25E+00	2.18E+00	2.12E-01	2.18E+00	2.12E-01	2.18E+00	2.12E-01
74	Gridded	1.79E-01	2.33E-02	35.92	3.95	1.78E+01	1.93E+00	2.50E+00	3.10E-01	2.50E+00	3.10E-01	2.50E+00	3.10E-01
75	Gridded	1.67E-01	1.92E-02	30.22	3.65	1.52E+01	1.81E+00	2.23E+00	2.64E-01	2.23E+00	2.64E-01	2.23E+00	2.64E-01
76	Gridded	1.62E-01	1.59E-02	30.06	2.91	1.48E+01	1.43E+00	2.21E+00	2.14E-01	2.21E+00	2.14E-01	2.21E+00	2.14E-01
77	Gridded	1.82E-01	1.51E-02	28.08	2.87	1.38E+01	1.41E+00	2.19E+00	2.08E-01	2.19E+00	2.08E-01	2.19E+00	2.08E-01
78	Gridded	1.19E-01	1.72E-02	27.60	2.99	1.34E+01	1.48E+00	1.65E+00	2.32E-01	1.65E+00	2.32E-01	1.65E+00	2.32E-01
79	Gridded	1.54E-01	1.69E-02	27.89	3.22	1.36E+01	1.61E+00	2.08E+00	2.34E-01	2.08E+00	2.34E-01	2.08E+00	2.34E-01
80	Gridded	1.56E-01	1.69E-02	29.69	3.23	1.49E+01	1.61E+00	2.16E+00	2.34E-01	2.16E+00	2.34E-01	2.16E+00	2.34E-01
81	Gridded	1.49E-01	1.86E-02	29.51	3.20	1.45E+01	1.55E+00	2.07E+00	2.48E-01	2.07E+00	2.48E-01	2.07E+00	2.48E-01
82	Gridded	1.46E-01	2.38E-02	27.61	3.80	1.36E+01	1.84E+00	2.01E+00	3.12E-01	2.01E+00	3.11E-01	2.01E+00	3.11E-01
83	Gridded	2.23E-01	2.81E-02	43.52	4.79	2.14E+01	2.31E+00	3.09E+00	3.73E-01	3.09E+00	3.73E-01	3.09E+00	3.73E-01
84	Gridded	1.60E-01	3.21E-02	28.36	5.86	1.39E+01	2.83E+00	2.16E+00	4.35E-01	2.16E+00	4.35E-01	2.16E+00	4.35E-01
85	Gridded	9.68E-02	1.92E-02	17.97	3.65	8.87E+00	1.80E+00	1.29E+00	2.64E-01	1.29E+00	2.64E-01	1.29E+00	2.64E-01
86	Gridded	9.74E-02	1.99E-02	18.05	3.53	9.03E+00	1.75E+00	1.30E+00	2.69E-01	1.30E+00	2.69E-01	1.30E+00	2.69E-01
87	Gridded	9.87E-02	1.88E-02	20.06	3.40	1.00E+01	1.67E+00	1.36E+00	2.55E-01	1.36E+00	2.55E-01	1.36E+00	2.55E-01
88	Gridded	1.77E-01	2.03E-02	35.29	3.94	1.75E+01	1.96E+00	2.47E+00	2.76E-01	2.47E+00	2.76E-01	2.47E+00	2.76E-01
89	Gridded	1.71E-01	2.05E-02	33.46	3.40	1.67E+01	1.70E+00	2.38E+00	2.72E-01	2.38E+00	2.72E-01	2.38E+00	2.72E-01
90	Gridded	1.36E-01	2.59E-02	30.72	5.03	1.52E+01	2.47E+00	1.86E+00	3.58E-01	1.86E+00	3.58E-01	1.86E+00	3.58E-01
91	Gridded	1.87E-01	3.72E-02	34.35	6.50	1.72E+01	3.20E+00	2.52E+00	5.00E-01	2.52E+00	4.99E-01	2.52E+00	4.99E-01
92	Gridded	2.74E-01	2.66E-02	45.63	4.28	2.24E+01	2.14E+00	3.63E+00	3.45E-01	3.63E+00	3.45E-01	3.63E+00	3.45E-01
93	Gridded	2.03E-01	1.99E-02	34.88	3.02	1.72E+01	1.50E+00	2.72E+00	2.57E-01	2.72E+00	2.56E-01	2.72E+00	2.56E-01
94	Gridded	2.03E-01	1.85E-02	34.54	2.88	1.69E+01	1.40E+00	2.71E+00	2.38E-01	2.71E+00	2.38E-01	2.71E+00	2.38E-01
95	Gridded	2.17E-01	2.98E-02	44.90	4.90	2.23E+01	2.38E+00	3.01E+00	3.93E-01	3.01E+00	3.93E-01	3.01E+00	3.93E-01
96	Gridded	2.19E-01	2.38E-02	38.19	4.60	1.92E+01	2.28E+00	2.83E+00	3.29E-01	2.83E+00	3.29E-01	2.83E+00	3.29E-01
97	Gridded	1.91E-01	2.12E-02	38.30	3.80	1.92E+01	1.87E+00	2.68E+00	2.82E-01	2.68E+00	2.82E-01	2.68E+00	2.82E-01
98	Gridded	2.89E-01	2.35E-02	41.52	3.43	2.04E+01	1.70E+00	3.70E+00	3.03E-01	3.70E+00	3.03E-01	3.70E+00	3.03E-01
99	Gridded	1.60E-01	2.03E-02	28.28	3.73	1.42E+01	1.85E+00	2.09E+00	2.77E-01	2.09E+00	2.77E-01	2.09E+00	2.77E-01

100	Gridded	1.66E-01	2.00E-02	31.94	3.85	1.58E+01	1.92E+00	2.29E+00	2.77E-01	2.29E+00	2.77E-01	2.29E+00	2.77E-01
101	Gridded	1.64E-01	1.99E-02	30.84	3.31	1.52E+01	1.60E+00	2.25E+00	2.63E-01	2.25E+00	2.62E-01	2.25E+00	2.62E-01
102	Gridded	1.55E-01	2.57E-02	28.48	3.99	1.40E+01	1.93E+00	2.08E+00	3.34E-01	2.07E+00	3.34E-01	2.07E+00	3.34E-01
103	Gridded	2.22E-01	3.00E-02	42.72	5.06	2.10E+01	2.45E+00	3.06E+00	3.98E-01	3.06E+00	3.98E-01	3.06E+00	3.98E-01
104	Gridded	1.70E-01	3.84E-02	29.46	7.00	1.45E+01	3.39E+00	2.28E+00	5.20E-01	2.28E+00	5.19E-01	2.28E+00	5.19E-01
105	Gridded	1.96E-01	4.93E-02	35.96	10.07	1.78E+01	4.97E+00	2.66E+00	6.91E-01	2.66E+00	6.91E-01	2.66E+00	6.91E-01
106	Gridded	1.13E-01	1.60E-02	21.29	2.87	1.06E+01	1.41E+00	1.56E+00	2.16E-01	1.56E+00	2.16E-01	1.56E+00	2.16E-01
107	Gridded	1.43E-01	2.06E-02	24.48	4.05	1.22E+01	1.98E+00	1.91E+00	2.85E-01	1.91E+00	2.85E-01	1.91E+00	2.85E-01
108	Gridded	1.29E-01	2.57E-02	20.26	4.74	1.00E+01	2.35E+00	1.69E+00	3.50E-01	1.69E+00	3.50E-01	1.69E+00	3.50E-01
109	Gridded	1.13E-01	2.24E-02	21.19	3.97	1.06E+01	1.95E+00	1.52E+00	2.99E-01	1.52E+00	2.99E-01	1.52E+00	2.99E-01
110	Gridded	1.64E-01	2.50E-02	31.73	4.45	1.56E+01	2.21E+00	2.27E+00	3.39E-01	2.27E+00	3.38E-01	2.27E+00	3.38E-01
111	Gridded	2.11E-01	2.47E-02	42.97	4.13	2.14E+01	2.06E+00	2.97E+00	3.29E-01	2.96E+00	3.29E-01	2.96E+00	3.29E-01
112	Gridded	1.65E-01	3.34E-02	42.28	6.26	2.09E+01	3.06E+00	2.48E+00	4.56E-01	2.48E+00	4.56E-01	2.48E+00	4.56E-01
113	Gridded	2.16E-01	4.35E-02	37.35	7.15	1.87E+01	3.52E+00	2.75E+00	5.76E-01	2.75E+00	5.75E-01	2.75E+00	5.75E-01
114	Gridded	2.79E-01	2.87E-02	48.86	4.29	2.40E+01	2.10E+00	3.75E+00	3.71E-01	3.75E+00	3.71E-01	3.75E+00	3.71E-01
115	Gridded	2.23E-01	2.24E-02	39.90	3.36	2.00E+01	1.64E+00	3.03E+00	2.87E-01	3.03E+00	2.87E-01	3.03E+00	2.87E-01
116	Gridded	3.07E-01	3.75E-02	59.68	5.63	2.96E+01	2.70E+00	4.25E+00	4.83E-01	4.25E+00	4.83E-01	4.25E+00	4.83E-01
117	Gridded	2.62E-01	2.95E-02	45.37	5.69	2.26E+01	2.80E+00	3.48E+00	4.06E-01	3.48E+00	4.06E-01	3.48E+00	4.06E-01
118	Gridded	2.41E-01	2.69E-02	48.05	4.49	2.41E+01	2.18E+00	3.33E+00	3.56E-01	3.33E+00	3.56E-01	3.33E+00	3.56E-01
119	Gridded	3.78E-01	3.17E-02	69.45	5.17	3.38E+01	2.56E+00	5.13E+00	4.20E-01	5.13E+00	4.20E-01	5.13E+00	4.20E-01
120	Gridded	2.43E-01	2.44E-02	45.40	4.70	2.23E+01	2.35E+00	3.32E+00	3.38E-01	3.32E+00	3.38E-01	3.32E+00	3.38E-01
121	Gridded	1.77E-01	2.20E-02	33.54	3.43	1.65E+01	1.64E+00	2.37E+00	2.86E-01	2.37E+00	2.86E-01	2.37E+00	2.86E-01
122	Gridded	1.83E-01	2.98E-02	35.49	4.76	1.75E+01	2.31E+00	2.53E+00	3.85E-01	2.53E+00	3.85E-01	2.53E+00	3.85E-01
123	Gridded	2.45E-01	3.62E-02	48.06	6.10	2.37E+01	2.99E+00	3.40E+00	4.80E-01	3.40E+00	4.80E-01	3.40E+00	4.80E-01
124	Gridded	1.83E-01	4.70E-02	32.67	8.75	1.61E+01	4.26E+00	2.45E+00	6.40E-01	2.45E+00	6.40E-01	2.45E+00	6.40E-01
125	Gridded	1.99E-01	4.34E-02	37.90	9.65	1.90E+01	4.77E+00	2.64E+00	6.25E-01	2.64E+00	6.25E-01	2.64E+00	6.25E-01
126	Gridded	2.20E-01	6.31E-02	40.23	9.15	1.99E+01	4.45E+00	2.99E+00	8.01E-01	2.99E+00	8.01E-01	2.99E+00	8.01E-01
127	Gridded	1.16E-01	3.02E-02	20.61	4.99	1.03E+01	2.48E+00	1.54E+00	4.00E-01	1.54E+00	4.00E-01	1.54E+00	4.00E-01
128	Gridded	1.15E-01	2.38E-02	25.69	3.61	1.28E+01	1.78E+00	1.66E+00	3.09E-01	1.66E+00	3.09E-01	1.66E+00	3.09E-01
129	Gridded	1.43E-01	2.10E-02	29.37	4.13	1.46E+01	1.99E+00	2.01E+00	2.90E-01	2.01E+00	2.90E-01	2.01E+00	2.90E-01
130	Gridded	1.29E-01	3.17E-02	25.86	6.21	1.29E+01	3.06E+00	1.81E+00	4.39E-01	1.81E+00	4.39E-01	1.81E+00	4.39E-01
131	Gridded	1.68E-01	3.45E-02	31.25	5.97	1.57E+01	2.97E+00	2.30E+00	4.63E-01	2.30E+00	4.63E-01	2.30E+00	4.63E-01
132	Gridded	2.32E-01	3.16E-02	41.61	5.56	2.04E+01	2.73E+00	3.14E+00	4.26E-01	3.14E+00	4.26E-01	3.14E+00	4.26E-01
133	Gridded	3.29E-01	3.04E-02	61.74	5.32	3.07E+01	2.65E+00	4.51E+00	4.09E-01	4.51E+00	4.09E-01	4.51E+00	4.09E-01
134	Gridded	2.15E-01	4.16E-02	48.76	7.55	2.41E+01	3.67E+00	3.11E+00	5.63E-01	3.11E+00	5.63E-01	3.11E+00	5.63E-01
135	Gridded	3.46E-01	4.99E-02	54.84	7.82	2.68E+01	3.83E+00	4.53E+00	6.52E-01	4.53E+00	6.52E-01	4.53E+00	6.52E-01
136	Gridded	3.59E-01	3.15E-02	58.24	4.23	2.85E+01	2.09E+00	4.73E+00	3.74E-01	4.73E+00	3.74E-01	4.73E+00	3.74E-01
137	Gridded	3.87E-01	4.14E-02	60.69	5.59	3.00E+01	2.60E+00	4.96E+00	5.19E-01	4.96E+00	5.19E-01	4.96E+00	5.19E-01
138	Gridded	2.82E-01	3.54E-02	52.95	6.58	2.62E+01	3.21E+00	3.75E+00	4.82E-01	3.75E+00	4.82E-01	3.75E+00	4.82E-01
139	Gridded	3.12E-01	3.20E-02	52.26	5.20	2.57E+01	2.50E+00	3.62E+00	4.20E-01	3.62E+00	4.20E-01	3.62E+00	4.20E-01
140	Gridded	2.66E-01	3.43E-02	64.90	6.24	3.16E+01	3.09E+00	3.93E+00	4.66E-01	3.93E+00	4.66E-01	3.93E+00	4.66E-01
141	Gridded	2.66E-01	2.51E-02	41.94	4.08	2.09E+01	2.04E+00	3.45E+00	3.13E-01	3.45E+00	3.12E-01	3.45E+00	3.12E-01
142	Gridded	2.21E-01	3.52E-02	42.47	5.79	2.09E+01	2.81E+00	3.04E+00	4.56E-01	3.04E+00	4.56E-01	3.04E+00	4.56E-01
143	Gridded	2.70E-01	4.61E-02	54.51	7.76	2.69E+01	3.74E+00	3.77E+00	6.10E-01	3.77E+00	6.10E-01	3.77E+00	6.10E-01
144	Gridded	2.23E-01	5.84E-02	37.72	11.46	1.86E+01	5.62E+00	2.82E+00	8.09E-01	2.82E+00	8.09E-01	2.82E+00	8.09E-01
145	Gridded	2.20E-01	5.31E-02	43.68	8.28	2.19E+01	4.06E+00	2.98E+00	6.78E-01	2.98E+00	6.78E-01	2.98E+00	6.78E-01
146	Gridded	2.30E-01	7.97E-02	36.39	13.44	1.81E+01	6.57E+00	2.95E+00	1.06E+00	2.95E+00	1.06E+00	2.95E+00	1.06E+00
147	Gridded	2.23E-01	6.06E-02	43.64	13.27	2.16E+01	6.57E+00	3.08E+00	8.69E-01	3.08E+00	8.69E-01	3.08E+00	8.69E-01
148	Gridded	2.28E-01	3.08E-02	46.73	5.64	2.34E+01	2.74E+00	2.77E+00	4.18E-01	2.77E+00	4.18E-01	2.77E+00	4.18E-01
149	Gridded	2.14E-01	3.90E-02	45.83	7.11	2.29E+01	3.50E+00	3.06E+00	5.29E-01	3.06E+00	5.29E-01	3.06E+00	5.29E-01
150	Gridded	1.47E-01	4.01E-02	26.08	6.55	1.29E+01	3.24E+00	1.99E+00	5.30E-01	1.99E+00	5.30E-01	1.99E+00	5.30E-01
151	Gridded	1.67E-01	3.06E-02	29.44	4.44	1.48E+01	2.17E+00	2.18E+00	3.93E-01	2.18E+00	3.93E-01	2.18E+00	3.93E-01
152	Gridded	1.88E-01	2.95E-02	34.89	6.10	1.71E+01	2.93E+00	2.57E+00	4.12E-01	2.57E+00	4.12E-01	2.57E+00	4.12E-01
153	Gridded	2.00E-01	4.49E-02	37.12	8.49	1.83E+01	4.18E+00	2.73E+00	6.15E-01	2.73E+00	6.15E-01	2.73E+00	6.15E-01
154	Gridded	2.33E-01	3.69E-02	44.92	6.40	2.25E+01	3.11E+00	3.23E+00	4.94E-01	3.23E+00	4.94E-01	3.23E+00	4.94E-01
155	Gridded	4.02E-01	3.50E-02	71.97	5.77	3.54E+01	2.86E+00	5.44E+00	4.53E-01	5.44E+00	4.53E-01	5.44E+00	4.53E-01
156	Gridded	3.15E-01	5.99E-02	53.93	9.95	2.66E+01	4.79E+00	4.21E+00	7.91E-01	4.21E+00	7.91E-01	4.21E+00	7.91E-01
157	Gridded	4.94E-01	5.19E-02	73.10	7.38	3.57E+01	3.57E+00	6.36E+00	6.63E-01	6.36E+00	6.62E-01	6.36E+00	6.62E-01
158	Gridded	3.42E-01	4.28E-02	53.53	5.77	2.66E+01	2.79E+00	4.41E+00	5.39E-01	4.41E+00	5.39E-01	4.41E+00	5.39E-01
159	Gridded	3.71E-01	4.44E-02	63.40	7.28	3.11E+01	3.48E+00	4.95E+00	5.84E-01	4.95E+00	5.84E-01	4.95E+00	5.84E-01
160	Gridded	3.74E-01	3.80E-02	57.17	6.04	2.79E+01	2.88E+00	4.85E+00	4.96E-01	4.85E+00	4.96E-01	4.85E+00	4.96E-01
161	Gridded	3.48E-01	3.52E-02	67.20	7.19	3.31E+01	3.58E+00	4.80E+00	4.95E-01	4.80E+00	4.95E-01	4.80E+00	4.95E-01
162	Gridded	2.99E-01	5.13E-02	54.88	8.76	2.68E+01	4.25E+00	4.06E+00	6.80E-01	4.06E+00	6.80E-01	4.06E+00	6.80E-01
163	Gridded	3.07E-01	6.57E-02	66.10	11.27	3.26E+01	5.44E+00	4.37E+00	8.75E-01	4.37E+00	8.75E-01	4.37E+00	8.75E-01
164	Gridded	2.84E-01	5.73E-02	47.33	12.78	2.31E+01	6.31E+00	3.76E+00	8.25E-01	3.76E+00	8.25E-01	3.76E+00	8.25E-01
165	Gridded	2.56E-01	9.07E-02	46.58	13.99	2.31E+01	6.79E+00	3.49E+00	1.18E+00	3.49E+00	1.18E+00	3.49E+00	1.18E+00
166	Gridded	2.42E-01	6.15E-02	48.47	13.58	2.39E+01	6.72E+00	3.37E+00	8.83E-01	3.37E+00	8.83E-01	3.37E+00	8.83E-01
167	Gridded	2.13E-01	6.08E-02	35.56	12.19	1.74E+01	5.94E+00	2.83E+00	8.45E-01	2.83E+00	8.45E-01	2.83E+00	8.45E-01
168	Gridded	2.71E-01	5.32E-02	49.92	10.44	2.47E+01	5.16E+00	3.66E+00	6.82E-01	3.66E+00	6.82E-01	3.66E+00	6.82E-01
169	Gridded	3.03E-01	2.86E-02	34.02	5.18	1.66E+01	2.53E+00	3.68E+00	3.68E-01	3.68E+00	3.68E-01	3.68E+00	3.68E-01
170	Gridded	4.66E-01	3.24E-02	73.56	5.23	3.68E+01	2.54E+00	6.13E+00	4.13E-01	6.13E+00	4.13E-01	6.13E+00	4.13E-01
171	Gridded	3.68E-01	3.66E-02	74.93	5.67	3.74E+01	2.64E+00	5.18E+00	4.73E-01	5.18E+00	4.73E-01	5.18E+00	4.73E-01
172	Gridded	2.33E-01	4.46E-02	40.51	8.31	2.00E+01	4.03E+00	3.06E+00	6.07E-01	3.06E+00	6.07E-01	3.06E+00	6.07E-01
173	Gridded	1.76E-01	5.32E-02	33.46	8.43	1.68E+01	4.14E+00	2.43E+00	6.97E-01	2.43E+00	6.97E-01	2.43E+00	6.97E-01
174	Gridded	3.66E-01	3.87E-02	56.13	6.78	2.77E+01	3.29E+00	4.77E+00	5.06E-01	4.77E+00	5.06E-01	4.77E+00	5.06E-01
175	Gridded	3.61E-01	4.73E-02	66.61	8.21	3.26E+01	3.94E+00	4.91E+00	6.31E-01	4.91E+00	6.31E-01	4.91E+00	6.31E-01
176	Gridded	3.07E-01	5.89E-02	54.09	9.46	2.71E+01	4.58E+00	4.02E+00	7.73E-01	4.02E+00	7.72E-01	4.02E+00	7.72E-01
177	Gridded	4.72E-01	5.19E-02	55.98	6.82	2.61E+01	3.26E+00	5.77E+00	6.25E-01	5.77E+00	6.24E-01	5.77E+00	6.24E-01
178	Gridded	5.04E-01	9.17E-02	81.21	11.95	4.03E+01	5.68E+00	6.65E+00	1.14E+00	6.65E+00	1.14E+00	6.65E+00	1.14E+00
179	Gridded	5.10E-01	7.94E-02	72.36	8.50	3.54E+01	4.05E+00	6.52E+00	8.94E-01	6.52E+00	8.94E-01	6.52E+00	8.94E-01
180	Gridded	4.96E-01	5.22E-02	63.15	7.10	3.06E+01	3.31E+00	6.09E+00	6.53E-01	6.09E+00	6.53E-01	6.09E+00	6.53E-01
181	Gridded	2.74E-01	5.66E-02	50.07	9.27	2.51E+01	4.52E+00	3.57E+00	7.46E-01	3.57E+00	7.46E-01	3.57E+00	7.46E-01
182	Gridded	3.45E-01	7.62E-02	68.82	11.10	3.41E+01	5.30E+00	4.72E+00	9.60E-01	4.72E+00	9.60E-01	4.72E+00	9.60E-01
183	Gridded	3.83E-01	1.12E-01	90.34	19.75	4.48E+01	9.60E+00	5.61E+00	1.50E+00	5.61E+00	1.50E+00	5.61E+00	1.50E+00
184	Gridded	3.66E-01	1.25E-01	78.30	16.89	3.93E+01	8.13E+00	4.78E+00	1.57E+00	4.78E+00	1.57E+00	4.78E+00	1.57E+00
185	Gridded	3.31E-01	7.99E-02	64.38	17.87	3.18E+01	8.86E+00	4.58E+00	1.12E+00	4.58E+00	1.12E+00	4.58E+00	1.12E+00
186	Gridded	2.33E-01	6.44E-02	43.01	14.32	2.12E+01	7.04E+00	3.10E+00	9.11E-01	3.10E+00	9.11E-01	3.10E+00	9.11E-01
187	Gridded	2.11E-01	5.70E-02	41.74	8.94	2.05E+01	4.28E+00	2.85E+00	7.41E-01	2.85E+00	7.41E-01	2.85E+00	7.41E-01
188	Gridded	2.50E-01	4.87E-02	34.75	8.93	1.70E+01	4.39E+00	2.97E+00	6.62E-01	2.97E+00	6.62E-01	2.97E+00	6.62E-01
189	Gridded	2.49E-01	4.11E-02	49.00	8.57	2.41E+01	4.26E+00	3.46E+00	5.68E-01	3.46E+00	5.68E-01	3.46E+00	5.68E-01
190	Gridded	2.74E-01	3.94E-02	36.05	5.92	1.78E+01	2.80E+00	3.41E+00	5.06E-01	3.41E+00	5.06E-01	3.41E+00	5.06E-01
191	Gridded	2.47E-01	4.50E-02	37.22	5.77	1.86E+01	2.74E+00	3.16E+00	5.60E-01	3.16E+00	5.60E-01	3.16E+00	5.60E-01
192	Gridded	4.24E-01	3.82E-02	30.95	4.62	1.43E+01	2.19E+00	4.81E+00	4.63E-01	4.81E+00	4.63E-01	4.81E+00	4.63E-01
193	Gridded	7.79E-01	5.38E-02	137.40	7.73	6.88E+01	3.86E+00	1.05E+01	6.92E-01	1.05E+01	6.92E-01	1.05E+01	6.92E-01
194	Gridded	5.64E-01	4.20E-02	73.37	5.68	3.66E+01	2.65E+00	6.56E+00	5.12E-01	6.56E+00	5.12E-01	6.56E+00	5.12E-01
195	Gridded	9.53E-01	4.98E-02	109.85	7.75	5.49E+01	3.78E+00	1.17E+01	6.32E-01	1.17E+01	6.32E-01	1.17E+01	6.32E-01
196	Gridded	8.95E-01	6.74E-02	136.38	8.82	6.78E+01	4.23E+00	1.16E+01	8.44E-01	1.16E+01	8.44E-01	1.16E+01	8.44E-01
197	Gridded	6.12E-01	6.45E-02	101.42	10.39	5.03E+01	5.14E+00	8.12E+00	8.04E-01	8.12E+00	8.03E-01	8.12E+00	8.03E-01
198	Gridded	3.92E-01	8.14E-02	44.74	12.65	2.13E+01	6.04E+00	4.76E+00	1.06E+00	4.76E+00	1.06E+00	4.76E+00	1.06E+00
199	Gridded	4.60E-01	1.12E-01	56.33	15.94	2.72E+01	7.75E+00	5.68E+00	1.41E+00	5.68E+00	1.41E+00	5.68E+00	1.41E+00
200	Gridded	5.87E-01	1.26E-01	125.56	12.10	6.04E+01	5.65E+00	7.52E+00	1.49E+00	7.52E+00	1.49E+00	7.52E+00	1.49E+00
201	Gridded	5.96E-01	1.12E-01	71.30	13.18	3.35E+01	6.32E+00	6.01E+00	1.37E+00	6.01E+00	1.37E+00	6.01E+00	1.37E+00

202	Gridded	6.08E-01	1.20E-01	79.31	12.66	3.84E+01	6.06E+00	7.61E+00	1.37E+00	7.61E+00	1.37E+00	7.61E+00	1.37E+00
203	Gridded	5.12E-01	1.58E-01	66.82	23.43	3.32E+01	1.11E+01	6.41E+00	1.99E+00	6.41E+00	1.99E+00	6.41E+00	1.99E+00
204	Gridded	4.95E-01	1.35E-01	105.36	29.22	5.24E+01	1.45E+01	7.00E+00	1.75E+00	7.00E+00	1.75E+00	7.00E+00	1.75E+00
205	Gridded	4.89E-01	1.21E-01	91.56	20.60	4.55E+01	1.03E+01	6.28E+00	1.59E+00	6.28E+00	1.59E+00	6.28E+00	1.59E+00
206	Gridded	4.30E-01	7.62E-02	66.73	15.93	3.31E+01	7.91E+00	4.93E+00	1.08E+00	4.93E+00	1.08E+00	4.93E+00	1.08E+00
207	Gridded	2.65E-01	4.85E-02	37.51	6.66	1.86E+01	3.31E+00	3.02E+00	6.05E-01	3.02E+00	6.03E-01	3.02E+00	6.03E-01
208	Gridded	1.91E-01	3.25E-02	29.47	6.02	1.45E+01	2.93E+00	2.44E+00	4.49E-01	2.44E+00	4.49E-01	2.44E+00	4.49E-01
209	Gridded	2.17E-01	2.71E-02	31.19	6.62	1.55E+01	3.28E+00	2.40E+00	4.06E-01	2.40E+00	4.05E-01	2.40E+00	4.05E-01
210	Gridded	2.64E-01	2.80E-02	37.48	5.59	1.86E+01	2.78E+00	3.16E+00	3.52E-01	3.16E+00	3.52E-01	3.16E+00	3.52E-01
211	Gridded	2.14E-01	4.06E-02	33.96	6.52	1.69E+01	3.16E+00	2.80E+00	5.32E-01	2.80E+00	5.32E-01	2.80E+00	5.32E-01
212	Gridded	2.93E-01	4.27E-02	47.17	6.84	2.36E+01	3.31E+00	3.88E+00	5.59E-01	3.88E+00	5.59E-01	3.88E+00	5.59E-01
213	Gridded	2.90E-01	4.21E-02	43.25	6.47	2.12E+01	3.13E+00	3.54E+00	5.40E-01	3.54E+00	5.40E-01	3.54E+00	5.40E-01
214	Gridded	2.97E-01	4.13E-02	31.14	6.16	1.48E+01	2.99E+00	3.57E+00	5.31E-01	3.56E+00	5.31E-01	3.56E+00	5.31E-01
215	Gridded	2.66E-01	4.67E-02	28.53	6.15	1.39E+01	2.97E+00	2.75E+00	5.56E-01	2.75E+00	5.56E-01	2.75E+00	5.56E-01
216	Gridded	2.94E-01	5.43E-02	34.45	6.49	1.49E+01	3.12E+00	3.38E+00	6.51E-01	3.38E+00	6.51E-01	3.38E+00	6.51E-01
217	Gridded	2.90E-01	6.38E-02	35.07	7.35	1.70E+01	3.53E+00	3.35E+00	7.66E-01	3.35E+00	7.66E-01	3.35E+00	7.66E-01
218	Gridded	2.88E-01	8.00E-02	43.63	9.77	2.15E+01	4.73E+00	3.40E+00	9.50E-01	3.40E+00	9.50E-01	3.40E+00	9.50E-01
219	Gridded	3.37E-01	8.74E-02	47.28	13.15	2.32E+01	6.35E+00	4.23E+00	1.07E+00	4.23E+00	1.07E+00	4.23E+00	1.07E+00
220	Gridded	3.89E-01	1.20E-01	57.88	15.45	2.85E+01	7.26E+00	4.73E+00	1.49E+00	4.73E+00	1.49E+00	4.73E+00	1.49E+00
221	Gridded	4.29E-01	1.30E-01	53.35	18.84	2.64E+01	9.03E+00	5.04E+00	1.66E+00	5.04E+00	1.66E+00	5.04E+00	1.66E+00
222	Gridded	3.72E-01	3.14E-02	75.08	8.77	3.76E+01	4.40E+00	4.34E+00	3.61E-01	4.34E+00	3.61E-01	4.34E+00	3.61E-01
223	Gridded	5.58E-01	1.00E-01	59.82	14.01	2.99E+01	6.74E+00	5.63E+00	1.27E+00	5.63E+00	1.27E+00	5.63E+00	1.27E+00
224	Gridded	8.28E-01	1.01E-01	128.67	21.88	6.35E+01	1.09E+01	8.42E+00	1.31E+00	8.42E+00	1.31E+00	8.42E+00	1.31E+00
225	Gridded	4.15E-01	6.95E-02	92.55	12.21	4.59E+01	6.10E+00	5.10E+00	8.75E-01	5.10E+00	8.75E-01	5.10E+00	8.75E-01
226	Gridded	4.30E-01	5.30E-02	58.50	7.02	2.87E+01	3.30E+00	4.62E+00	6.61E-01	4.62E+00	6.61E-01	4.62E+00	6.61E-01
227	Gridded	6.26E-01	6.91E-02	100.37	12.13	5.00E+01	5.85E+00	7.41E+00	9.25E-01	7.41E+00	9.25E-01	7.41E+00	9.25E-01
228	Gridded	3.14E-01	3.94E-02	48.76	6.79	2.36E+01	3.30E+00	4.00E+00	4.98E-01	4.00E+00	4.98E-01	4.00E+00	4.98E-01
229	Gridded	2.34E-01	2.75E-02	41.12	4.34	2.03E+01	2.10E+00	3.15E+00	3.54E-01	3.15E+00	3.54E-01	3.15E+00	3.54E-01
230	Gridded	2.06E-01	2.59E-02	37.39	4.16	1.85E+01	2.00E+00	2.79E+00	3.39E-01	2.79E+00	3.39E-01	2.79E+00	3.39E-01
231	Gridded	1.78E-01	2.63E-02	32.55	4.51	1.61E+01	2.18E+00	2.42E+00	3.51E-01	2.42E+00	3.51E-01	2.42E+00	3.51E-01
232	Gridded	2.90E-01	5.71E-02	42.91	8.42	2.09E+01	4.01E+00	3.66E+00	7.32E-01	3.65E+00	7.32E-01	3.65E+00	7.32E-01
233	Gridded	3.20E-01	5.79E-02	42.89	8.33	2.09E+01	3.93E+00	4.02E+00	7.37E-01	4.02E+00	7.37E-01	4.02E+00	7.37E-01
234	Gridded	3.25E-01	5.90E-02	42.72	8.12	2.09E+01	3.79E+00	4.01E+00	7.42E-01	4.01E+00	7.42E-01	4.01E+00	7.42E-01
235	Gridded	2.66E-01	5.56E-02	39.03	7.08	1.89E+01	3.36E+00	3.15E+00	6.80E-01	3.15E+00	6.80E-01	3.15E+00	6.80E-01
236	Gridded	2.93E-01	5.55E-02	43.68	7.99	2.10E+01	3.77E+00	3.30E+00	6.78E-01	3.30E+00	6.78E-01	3.30E+00	6.78E-01
237	Gridded	3.58E-01	5.63E-02	46.71	9.02	2.24E+01	4.24E+00	4.10E+00	7.33E-01	4.09E+00	7.33E-01	4.09E+00	7.33E-01
238	Gridded	4.75E-01	5.35E-02	48.78	9.36	2.39E+01	4.39E+00	5.41E+00	7.10E-01	5.41E+00	7.10E-01	5.41E+00	7.10E-01
239	Gridded	3.81E-01	5.57E-02	47.45	8.83	2.27E+01	4.30E+00	4.71E+00	6.71E-01	4.71E+00	6.71E-01	4.71E+00	6.71E-01
240	Gridded	3.78E-01	7.13E-02	48.09	11.08	2.33E+01	5.38E+00	4.70E+00	9.28E-01	4.70E+00	9.28E-01	4.70E+00	9.28E-01
241	Gridded	4.11E-01	9.87E-02	58.96	14.02	2.91E+01	6.82E+00	4.63E+00	1.12E+00	4.63E+00	1.12E+00	4.63E+00	1.12E+00
242	Gridded	4.95E-01	9.28E-02	65.04	13.10	3.25E+01	6.25E+00	5.61E+00	1.10E+00	5.61E+00	1.10E+00	5.61E+00	1.10E+00
243	Gridded	4.53E-01	1.42E-01	70.29	10.67	3.32E+01	4.06E+00	5.83E+00	1.56E+00	5.83E+00	1.56E+00	5.83E+00	1.56E+00
244	Gridded	5.29E-01	7.66E-02	54.61	12.38	2.70E+01	5.81E+00	5.59E+00	8.93E-01	5.59E+00	8.93E-01	5.59E+00	8.93E-01
245	Gridded	5.08E-01	7.70E-02	81.00	12.47	4.04E+01	5.98E+00	6.47E+00	8.72E-01	6.47E+00	8.72E-01	6.47E+00	8.72E-01
246	Gridded	4.20E-01	5.72E-02	51.21	9.04	2.55E+01	4.33E+00	4.59E+00	7.45E-01	4.59E+00	7.45E-01	4.59E+00	7.45E-01
247	Gridded	2.96E-01	4.40E-02	45.44	6.92	2.23E+01	3.35E+00	3.65E+00	5.74E-01	3.65E+00	5.74E-01	3.65E+00	5.74E-01
248	Gridded	4.27E-01	4.51E-02	67.92	10.60	3.38E+01	5.10E+00	4.99E+00	6.50E-01	4.99E+00	6.50E-01	4.99E+00	6.50E-01
249	Gridded	2.14E-01	3.17E-02	37.28	6.65	1.81E+01	3.20E+00	2.47E+00	4.45E-01	2.47E+00	4.45E-01	2.47E+00	4.45E-01
250	Gridded	1.53E-01	2.86E-02	33.31	5.70	1.61E+01	2.75E+00	2.15E+00	3.96E-01	2.15E+00	3.96E-01	2.15E+00	3.96E-01
251	Gridded	1.82E-01	3.06E-02	38.65	6.11	1.87E+01	2.97E+00	2.56E+00	4.24E-01	2.56E+00	4.24E-01	2.56E+00	4.24E-01
252	Gridded	2.00E-01	3.06E-02	40.94	6.13	1.98E+01	2.99E+00	2.79E+00	4.25E-01	2.79E+00	4.25E-01	2.79E+00	4.25E-01
253	Gridded	2.72E-01	3.83E-02	42.47	6.59	2.06E+01	3.22E+00	3.47E+00	5.12E-01	3.47E+00	5.12E-01	3.47E+00	5.12E-01
254	Gridded	2.07E-01	3.61E-02	44.24	6.62	2.19E+01	3.23E+00	2.94E+00	4.64E-01	2.94E+00	4.64E-01	2.94E+00	4.64E-01
255	Gridded	1.97E-01	3.83E-02	46.36	6.37	2.31E+01	3.10E+00	2.51E+00	4.79E-01	2.51E+00	4.79E-01	2.51E+00	4.79E-01
256	Gridded	2.04E-01	4.25E-02	53.59	6.81	2.67E+01	3.30E+00	2.82E+00	5.41E-01	2.82E+00	5.41E-01	2.82E+00	5.41E-01
257	Gridded	3.96E-01	4.21E-02	44.72	7.43	2.24E+01	3.58E+00	4.84E+00	5.10E-01	4.84E+00	5.10E-01	4.84E+00	5.10E-01
258	Gridded	2.77E-01	5.09E-02	55.62	6.37	2.79E+01	3.13E+00	3.30E+00	5.91E-01	3.30E+00	5.91E-01	3.30E+00	5.91E-01
259	Gridded	3.18E-01	6.33E-02	44.27	7.99	2.13E+01	3.90E+00	4.03E+00	7.36E-01	4.03E+00	7.36E-01	4.03E+00	7.36E-01
260	Gridded	3.78E-01	1.01E-01	48.42	11.88	2.39E+01	5.56E+00	3.87E+00	1.23E+00	3.87E+00	1.23E+00	3.87E+00	1.23E+00
261	Gridded	3.82E-01	9.94E-02	52.44	17.78	2.58E+01	8.69E+00	4.64E+00	1.26E+00	4.64E+00	1.26E+00	4.64E+00	1.26E+00
262	Gridded	3.83E-01	8.24E-02	59.25	11.90	2.93E+01	5.67E+00	4.79E+00	1.05E+00	4.79E+00	1.05E+00	4.79E+00	1.05E+00
263	Gridded	4.50E-01	9.44E-02	63.03	19.07	3.11E+01	9.46E+00	4.68E+00	1.17E+00	4.68E+00	1.17E+00	4.68E+00	1.17E+00
264	Gridded	4.33E-01	1.41E-01	58.82	17.19	2.83E+01	7.39E+00	5.46E+00	1.71E+00	5.46E+00	1.71E+00	5.46E+00	1.71E+00
265	Gridded	3.99E-01	5.89E-02	92.97	11.79	4.52E+01	5.51E+00	5.67E+00	8.10E-01	5.67E+00	8.10E-01	5.67E+00	8.10E-01
266	Gridded	4.56E-01	7.17E-02	59.34	18.44	2.77E+01	8.99E+00	5.67E+00	1.08E+00	5.67E+00	1.08E+00	5.67E+00	1.08E+00
267	Gridded	3.14E-01	6.28E-02	63.54	8.95	3.09E+01	4.17E+00	3.46E+00	7.96E-01	3.46E+00	7.96E-01	3.46E+00	7.96E-01
268	Gridded	3.89E-01	5.01E-02	79.82	7.70	3.88E+01	3.78E+00	5.45E+00	5.91E-01	5.45E+00	5.91E-01	5.45E+00	5.91E-01
269	Gridded	6.43E-01	5.36E-02	82.23	11.32	4.06E+01	5.58E+00	7.83E+00	7.59E-01	7.83E+00	7.59E-01	7.83E+00	7.59E-01
270	Gridded	3.27E-01	4.39E-02	58.69	8.83	2.86E+01	4.32E+00	4.41E+00	6.11E-01	4.41E+00	6.11E-01	4.41E+00	6.11E-01
271	Gridded	2.23E-01	3.59E-02	26.69	5.80	1.30E+01	2.80E+00	2.69E+00	4.36E-01	2.69E+00	4.36E-01	2.69E+00	4.36E-01
272	Gridded	1.34E-01	2.44E-02	24.23	4.07	1.18E+01	2.00E+00	1.76E+00	3.21E-01	1.76E+00	3.21E-01	1.76E+00	3.21E-01
273	Gridded	1.22E-01	2.04E-02	22.58	3.52	1.12E+01	1.73E+00	1.62E+00	2.63E-01	1.62E+00	2.63E-01	1.62E+00	2.63E-01
274	Gridded	2.00E-01	2.40E-02	30.22	5.29	1.48E+01	2.59E+00	2.51E+00	3.41E-01	2.51E+00	3.41E-01	2.51E+00	3.41E-01
275	Gridded	2.10E-01	2.65E-02	36.50	4.24	1.83E+01	1.99E+00	2.83E+00	3.21E-01	2.82E+00	3.21E-01	2.82E+00	3.21E-01
276	Gridded	2.24E-01	3.01E-02	30.09	3.78	1.47E+01	1.84E+00	2.79E+00	3.61E-01	2.79E+00	3.61E-01	2.79E+00	3.61E-01
277	Gridded	2.45E-01	4.20E-02	52.44	5.98	2.61E+01	2.85E+00	3.49E+00	5.35E-01	3.49E+00	5.34E-01	3.49E+00	5.34E-01
278	Gridded	1.91E-01	5.49E-02	33.66	6.90	1.65E+01	3.25E+00	2.56E+00	6.80E-01	2.56E+00	6.80E-01	2.56E+00	6.80E-01
279	Gridded	2.70E-01	7.04E-02	32.84	10.01	1.62E+01	4.80E+00	2.73E+00	8.97E-01	2.73E+00	8.97E-01	2.73E+00	8.97E-01
280	Gridded	2.56E-01	7.60E-02	40.48	12.54	1.97E+01	6.14E+00	3.34E+00	9.82E-01	3.34E+00	9.82E-01	3.34E+00	9.82E-01
281	Gridded	2.85E-01	7.96E-02	44.70	9.44	2.19E+01	4.40E+00	3.72E+00	9.71E-01	3.72E+00	9.71E-01	3.72E+00	9.71E-01
282	Gridded	4.00E-01	8.13E-02	52.22	10.93	2.57E+01	5.08E+00	4.95E+00	9.92E-01	4.95E+00	9.92E-01	4.95E+00	9.92E-01
283	Gridded	7.53E-01	1.34E-01	57.52	23.46	2.83E+01	1.13E+01	7.60E+00	1.79E+00	7.60E+00	1.79E+00	7.60E+00	1.79E+00
284	Gridded	3.41E-01	9.82E-02	49.45	14.83	2.38E+01	7.14E+00	3.98E+00	1.27E+00	3.98E+00	1.27E+00	3.98E+00	1.27E+00
285	Gridded	3.69E-01	1.24E-01	47.42	19.39	2.32E+01	9.05E+00	3.83E+00	1.61E+00	3.83E+00	1.61E+00	3.83E+00	1.61E+00
286	Gridded	9.11E-01	6.34E-02	38.04	9.19	1.82E+01	4.34E+00	9.20E+00	7.86E-01	9.20E+00	7.86E-01	9.20E+00	7.86E-01
287	Gridded	3.01E-01	6.87E-02	60.46	12.57	2.91E+01	5.99E+00	4.07E+00	9.26E-01	4.07E+00	9.26E-01	4.07E+00	9.26E-01
288	Gridded	4.38E-01	5.26E-02	64.55	11.28	3.10E+01	5.58E+00	5.63E+00	7.12E-01	5.63E+00	7.12E-01	5.63E+00	7.12E-01
289	Gridded	4.51E-01	5.82E-02	40.72	12.05	2.00E+01	5.90E+00	4.56E+00	7.93E-01	4.55E+00	7.93E-01	4.55E+00	7.93E-01
290	Gridded	5.55E-01	4.34E-02	71.18	7.09	3.30E+01	3.45E+00	6.88E+00	5.60E-01	6.88E+00	5.60E-01	6.88E+00	5.60E-01
291	Gridded	3.76E-01	4.18E-02	73.89	8.02	3.56E+01	3.98E+00	5.18E+00	5.00E-01	5.18E+00	5.00E-01	5.18E+00	5.00E-01
292	Gridded	3.24E-01	3.24E-02	51.20	5.20	2.56E+01	2.60E+00	3.71E+00	3.82E-01	3.71E+00	3.82E-01	3.71E+00	3.82E-01
293	Gridded	2.80E-01	2.62E-02	43.64	5.40	2.13E+01	2.67E+00	3.57E+00	3.68E-01	3.56E+00	3.68E-01	3.56E+00	3.68E-01
294	Gridded	1.91E-01	2.57E-02	35.47	5.25	1.73E+01	2.59E+00	2.56E+00	3.60E-01	2.56E+00	3.60E-01	2.56E+00	3.60E-01
295	Gridded	2.02E-01	2.92E-02	39.39	4.36	1.95E+01	2.09E+00	2.80E+00	3.76E-01	2.80E+00	3.75E-01	2.80E+00	3.75E-01
296	Gridded	1.56E-01	3.14E-02	26.62	4.72	1.31E+01	2.27E+00	2.08E+00	3.93E-01	2.08E+00	3.93E-01	2.08E+00	3.93E-01
297	Gridded	1.29E-01	3.97E-02	24.09	5.45	1.18E+01	2.60E+00	1.76E+00	5.01E-01	1.76E+00	5.01E-01	1.76E+00	5.01E-01
298	Gridded	2.01E-01	4.83E-02	24.09	7.22	1.18E+01	3.48E+00	2.48E+00	6.22E-01	2.48E+00	6.22E-01	2.48E+00	6.22E-01
299	Gridded	2.15E-01	5.61E-02	37.31	8.87	1.86E+01	4.28E+00	2.81E+00	7.33E-01	2.81E+00	7.33E-01	2.81E+00	7.33E-01
300	Gridded	1.75E-01	4.16E-02	28.33	6.98	1.41E+01	3.44E+00	2.23E+00	5.46E-01	2.23E+00	5.46E-01	2.23E+00	5.46E-01
301	Gridded	2.04E-01	6.40E-02	32.33	7.28	1.59E+01	3.35E+00	2.61E+00	7.76E-01	2.61E+00	7.76E-01	2.61E+00	7.76E-01
302	Gridded	2.72E-01	5.08E-02	38.06	7.38	1.84E+01	3.44E+00	3.45E+00	6.35E-01	3.45E+00	6.35E-01	3.45E+00	6.35E-01
303	Gridded	2.94E-01	1.04E-01	41.35	17.16	2.01E+01	8.34E+00	3.74E+00	1.37E+00	3.74E+00	1.37E+00	3.74E+00	1.37E+00

304 Gridded	3.31E-01	5.65E-02	43.51	8.99	2.12E+01	4.34E+00	3.34E+00	6.93E-01	3.34E+00	6.93E-01	3.34E+00	6.93E-01
305 Gridded	3.92E-01	8.45E-02	48.44	11.98	2.33E+01	5.79E+00	4.35E+00	1.05E+00	4.35E+00	1.05E+00	4.35E+00	1.05E+00
306 Gridded	3.70E-01	1.16E-01	46.72	19.44	2.24E+01	9.32E+00	3.91E+00	1.53E+00	3.91E+00	1.53E+00	3.91E+00	1.53E+00
307 Gridded	4.76E-01	4.98E-02	36.40	9.35	1.75E+01	4.50E+00	4.82E+00	6.77E-01	4.82E+00	6.77E-01	4.82E+00	6.77E-01
308 Gridded	2.86E-01	4.07E-02	48.42	6.44	2.40E+01	3.14E+00	3.55E+00	5.26E-01	3.55E+00	5.26E-01	3.55E+00	5.26E-01
309 Gridded	2.77E-01	5.50E-02	46.77	9.69	2.29E+01	4.64E+00	3.68E+00	7.35E-01	3.68E+00	7.35E-01	3.68E+00	7.35E-01
310 Gridded	3.70E-01	3.78E-02	60.97	7.20	2.96E+01	3.51E+00	4.89E+00	5.18E-01	4.89E+00	5.18E-01	4.89E+00	5.18E-01
311 Gridded	3.39E-01	5.81E-02	43.01	9.31	2.14E+01	4.54E+00	3.92E+00	6.97E-01	3.92E+00	6.97E-01	3.92E+00	6.97E-01
312 Gridded	2.84E-01	4.19E-02	39.47	7.71	1.98E+01	3.76E+00	3.47E+00	5.69E-01	3.47E+00	5.69E-01	3.47E+00	5.69E-01
313 Gridded	2.69E-01	2.53E-02	34.09	3.61	1.70E+01	1.74E+00	3.31E+00	3.13E-01	3.30E+00	3.13E-01	3.30E+00	3.13E-01
314 Gridded	2.08E-01	2.60E-02	39.11	5.71	1.93E+01	2.85E+00	2.84E+00	3.59E-01	2.84E+00	3.59E-01	2.84E+00	3.59E-01
315 Gridded	2.21E-01	2.40E-02	40.16	4.16	1.94E+01	2.08E+00	2.99E+00	2.69E-01	2.99E+00	2.69E-01	2.99E+00	2.69E-01
316 Gridded	1.43E-01	3.40E-02	36.13	5.70	1.77E+01	2.73E+00	2.13E+00	4.39E-01	2.13E+00	4.38E-01	2.13E+00	4.38E-01
317 Gridded	2.97E-01	3.89E-02	41.77	5.94	2.02E+01	2.84E+00	3.76E+00	5.01E-01	3.76E+00	5.01E-01	3.76E+00	5.01E-01
318 Gridded	2.56E-01	4.74E-02	40.70	7.52	2.00E+01	3.69E+00	3.29E+00	6.22E-01	3.29E+00	6.22E-01	3.29E+00	6.22E-01
319 Gridded	1.35E-01	3.59E-02	24.80	6.02	1.24E+01	2.90E+00	1.72E+00	4.73E-01	1.72E+00	4.73E-01	1.72E+00	4.73E-01
320 Gridded	1.43E-01	3.45E-02	23.56	5.19	1.15E+01	2.53E+00	1.86E+00	4.40E-01	1.86E+00	4.40E-01	1.86E+00	4.40E-01
321 Gridded	1.55E-01	4.45E-02	27.48	5.04	1.37E+01	2.34E+00	2.02E+00	5.39E-01	2.02E+00	5.39E-01	2.02E+00	5.39E-01
322 Gridded	2.13E-01	3.71E-02	32.06	5.58	1.56E+01	2.60E+00	2.75E+00	4.75E-01	2.75E+00	4.75E-01	2.75E+00	4.75E-01
323 Gridded	2.32E-01	7.44E-02	30.31	11.57	1.48E+01	5.62E+00	2.57E+00	9.69E-01	2.57E+00	9.68E-01	2.57E+00	9.68E-01
324 Gridded	1.91E-01	5.49E-02	30.73	8.58	1.50E+01	4.22E+00	2.46E+00	6.87E-01	2.46E+00	6.87E-01	2.46E+00	6.87E-01
325 Gridded	2.14E-01	5.06E-02	33.46	8.22	1.61E+01	3.95E+00	2.78E+00	6.64E-01	2.78E+00	6.64E-01	2.78E+00	6.64E-01
326 Gridded	2.42E-01	5.22E-02	38.22	9.12	1.85E+01	4.40E+00	3.15E+00	6.98E-01	3.15E+00	6.98E-01	3.15E+00	6.98E-01
327 Gridded	2.81E-01	8.79E-02	41.12	14.85	2.01E+01	7.16E+00	3.33E+00	1.17E+00	3.33E+00	1.16E+00	3.33E+00	1.16E+00
328 Gridded	3.38E-01	5.48E-02	31.83	8.84	1.53E+01	4.28E+00	3.43E+00	7.19E-01	3.43E+00	7.19E-01	3.43E+00	7.19E-01
329 Gridded	1.95E-01	4.41E-02	35.13	6.35	1.76E+01	2.99E+00	2.41E+00	5.61E-01	2.41E+00	5.61E-01	2.41E+00	5.61E-01
330 Gridded	2.10E-01	3.63E-02	44.44	6.87	2.21E+01	3.34E+00	2.94E+00	4.85E-01	2.94E+00	4.85E-01	2.94E+00	4.85E-01
331 Gridded	2.27E-01	3.84E-02	37.26	6.64	1.81E+01	3.18E+00	3.00E+00	5.12E-01	3.00E+00	5.12E-01	3.00E+00	5.12E-01
332 Gridded	3.01E-01	2.77E-02	52.54	5.34	2.56E+01	2.61E+00	4.04E+00	3.82E-01	4.04E+00	3.82E-01	4.04E+00	3.82E-01
333 Gridded	2.56E-01	4.42E-02	40.09	7.73	2.01E+01	3.79E+00	3.05E+00	5.64E-01	3.05E+00	5.64E-01	3.05E+00	5.64E-01
334 Gridded	1.94E-01	2.84E-02	35.81	5.65	1.77E+01	2.77E+00	2.65E+00	3.94E-01	2.65E+00	3.94E-01	2.65E+00	3.94E-01
335 Gridded	1.58E-01	2.70E-02	28.49	4.68	1.43E+01	2.28E+00	2.00E+00	3.61E-01	2.00E+00	3.61E-01	2.00E+00	3.61E-01
336 Gridded	1.99E-01	1.86E-02	27.58	2.88	1.32E+01	1.39E+00	2.51E+00	2.33E-01	2.51E+00	2.33E-01	2.51E+00	2.33E-01
337 Gridded	2.02E-01	3.59E-02	36.09	6.09	1.79E+01	2.94E+00	2.63E+00	4.77E-01	2.63E+00	4.77E-01	2.63E+00	4.77E-01
338 Gridded	1.71E-01	3.36E-02	43.26	5.85	2.15E+01	2.83E+00	2.57E+00	4.49E-01	2.57E+00	4.49E-01	2.57E+00	4.49E-01
339 Gridded	1.92E-01	3.31E-02	39.22	6.47	1.97E+01	3.11E+00	2.48E+00	4.56E-01	2.48E+00	4.56E-01	2.48E+00	4.56E-01
340 Gridded	1.45E-01	4.27E-02	27.84	6.83	1.40E+01	3.37E+00	1.89E+00	5.39E-01	1.89E+00	5.39E-01	1.89E+00	5.39E-01
341 Gridded	1.53E-01	3.67E-02	22.71	5.07	1.10E+01	2.49E+00	1.93E+00	4.45E-01	1.93E+00	4.45E-01	1.93E+00	4.45E-01
342 Gridded	1.87E-01	3.38E-02	29.40	5.17	1.44E+01	2.41E+00	2.44E+00	4.35E-01	2.44E+00	4.35E-01	2.44E+00	4.35E-01
343 Gridded	2.43E-01	5.76E-02	25.78	8.70	1.26E+01	4.24E+00	2.69E+00	7.46E-01	2.69E+00	7.45E-01	2.69E+00	7.45E-01
344 Gridded	2.06E-01	5.31E-02	31.33	10.10	1.56E+01	4.82E+00	2.68E+00	7.24E-01	2.68E+00	7.24E-01	2.68E+00	7.24E-01
345 Gridded	1.64E-01	3.62E-02	26.44	5.16	1.29E+01	2.46E+00	2.08E+00	4.61E-01	2.08E+00	4.61E-01	2.08E+00	4.61E-01
346 Gridded	1.73E-01	4.42E-02	28.05	7.66	1.37E+01	3.68E+00	2.23E+00	5.89E-01	2.23E+00	5.89E-01	2.23E+00	5.89E-01
347 Gridded	1.65E-01	3.57E-02	27.14	5.60	1.31E+01	2.71E+00	2.18E+00	4.62E-01	2.18E+00	4.62E-01	2.18E+00	4.62E-01
348 Gridded	2.39E-01	6.86E-02	39.07	11.62	1.91E+01	5.61E+00	3.15E+00	9.10E-01	3.15E+00	9.10E-01	3.15E+00	9.10E-01
349 Gridded	2.29E-01	5.68E-02	38.38	9.61	1.92E+01	4.68E+00	3.06E+00	7.55E-01	3.06E+00	7.54E-01	3.06E+00	7.54E-01
350 Gridded	2.51E-01	4.26E-02	27.77	6.86	1.34E+01	3.28E+00	2.56E+00	5.57E-01	2.56E+00	5.57E-01	2.56E+00	5.57E-01
351 Gridded	2.69E-01	3.20E-02	38.14	5.29	1.90E+01	2.52E+00	2.72E+00	4.21E-01	2.72E+00	4.21E-01	2.72E+00	4.21E-01
352 Gridded	1.93E-01	3.42E-02	39.53	6.46	1.94E+01	3.14E+00	2.70E+00	4.67E-01	2.70E+00	4.67E-01	2.70E+00	4.67E-01
353 Gridded	2.05E-01	3.17E-02	33.70	5.47	1.64E+01	2.63E+00	2.70E+00	4.23E-01	2.70E+00	4.23E-01	2.70E+00	4.23E-01
354 Gridded	2.34E-01	2.22E-02	42.48	4.29	2.12E+01	2.10E+00	3.18E+00	3.06E-01	3.18E+00	3.06E-01	3.18E+00	3.06E-01
355 Gridded	1.31E-01	2.76E-02	27.07	5.52	1.36E+01	2.72E+00	1.72E+00	3.85E-01	1.72E+00	3.85E-01	1.72E+00	3.85E-01
356 Gridded	1.41E-01	2.57E-02	27.71	4.38	1.38E+01	2.13E+00	1.88E+00	3.42E-01	1.88E+00	3.42E-01	1.88E+00	3.42E-01
357 Gridded	1.71E-01	2.21E-02	29.30	4.09	1.44E+01	2.00E+00	2.28E+00	3.01E-01	2.28E+00	3.01E-01	2.28E+00	3.01E-01
358 Gridded	1.11E-01	2.20E-02	20.47	4.10	1.03E+01	1.99E+00	1.51E+00	3.00E-01	1.51E+00	3.00E-01	1.51E+00	3.00E-01
359 Gridded	1.03E-01	2.57E-02	20.34	4.42	1.01E+01	2.17E+00	1.35E+00	3.38E-01	1.35E+00	3.38E-01	1.35E+00	3.38E-01
360 Gridded	1.33E-01	4.00E-02	26.71	7.52	1.34E+01	3.71E+00	1.70E+00	5.01E-01	1.70E+00	5.01E-01	1.70E+00	5.01E-01
361 Gridded	1.84E-01	3.04E-02	31.52	5.30	1.58E+01	2.61E+00	2.47E+00	4.08E-01	2.47E+00	4.08E-01	2.47E+00	4.08E-01
362 Gridded	2.13E-01	3.34E-02	27.24	5.18	1.35E+01	2.42E+00	2.67E+00	4.31E-01	2.67E+00	4.31E-01	2.67E+00	4.31E-01
363 Gridded	2.25E-01	4.34E-02	25.75	6.52	1.28E+01	3.18E+00	2.50E+00	5.61E-01	2.50E+00	5.61E-01	2.50E+00	5.61E-01
364 Gridded	1.97E-01	6.55E-02	38.40	12.98	1.93E+01	6.37E+00	2.73E+00	9.09E-01	2.73E+00	9.09E-01	2.73E+00	9.09E-01
365 Gridded	1.72E-01	4.61E-02	38.06	8.12	1.91E+01	4.02E+00	2.19E+00	5.86E-01	2.19E+00	5.86E-01	2.19E+00	5.86E-01
366 Gridded	2.39E-01	4.20E-02	41.81	7.25	2.08E+01	3.55E+00	3.21E+00	5.51E-01	3.21E+00	5.51E-01	3.21E+00	5.51E-01
367 Gridded	1.56E-01	3.40E-02	26.73	6.20	1.34E+01	2.99E+00	2.05E+00	4.55E-01	2.05E+00	4.55E-01	2.05E+00	4.55E-01
368 Gridded	1.47E-01	3.78E-02	40.89	6.16	2.03E+01	2.98E+00	1.87E+00	4.97E-01	1.87E+00	4.97E-01	1.87E+00	4.97E-01
369 Gridded	2.13E-01	5.52E-02	36.62	9.34	1.80E+01	4.52E+00	2.85E+00	7.32E-01	2.85E+00	7.32E-01	2.85E+00	7.32E-01
370 Gridded	1.63E-01	4.92E-02	34.03	8.48	1.69E+01	4.13E+00	2.28E+00	6.57E-01	2.28E+00	6.57E-01	2.28E+00	6.57E-01
371 Gridded	2.25E-01	3.41E-02	38.96	6.28	1.95E+01	3.07E+00	3.02E+00	4.63E-01	3.02E+00	4.63E-01	3.02E+00	4.63E-01
372 Gridded	1.34E-01	3.00E-02	26.24	4.79	1.32E+01	2.29E+00	1.71E+00	3.83E-01	1.71E+00	3.83E-01	1.71E+00	3.83E-01
373 Gridded	1.66E-01	3.22E-02	30.87	4.80	1.52E+01	2.27E+00	2.27E+00	4.13E-01	2.27E+00	4.13E-01	2.27E+00	4.13E-01
374 Gridded	1.59E-01	3.04E-02	32.08	5.59	1.59E+01	2.71E+00	2.23E+00	4.12E-01	2.23E+00	4.12E-01	2.23E+00	4.12E-01
375 Gridded	1.95E-01	2.61E-02	32.08	4.48	1.61E+01	2.16E+00	2.54E+00	3.48E-01	2.54E+00	3.48E-01	2.54E+00	3.48E-01
376 Gridded	1.73E-01	1.70E-02	31.40	3.26	1.52E+01	1.60E+00	2.14E+00	2.34E-01	2.14E+00	2.34E-01	2.14E+00	2.34E-01
377 Gridded	1.00E-01	1.91E-02	21.14	3.85	1.06E+01	1.90E+00	1.36E+00	2.66E-01	1.36E+00	2.66E-01	1.36E+00	2.66E-01
378 Gridded	1.96E-01	3.44E-02	29.51	4.42	1.47E+01	2.17E+00	2.40E+00	4.23E-01	2.40E+00	4.23E-01	2.40E+00	4.23E-01
379 Gridded	1.03E-01	2.86E-02	23.39	5.26	1.17E+01	2.61E+00	1.46E+00	3.90E-01	1.46E+00	3.90E-01	1.46E+00	3.90E-01
380 Gridded	1.18E-01	3.32E-02	24.53	5.59	1.23E+01	2.74E+00	1.66E+00	4.13E-01	1.66E+00	4.13E-01	1.66E+00	4.13E-01
381 Gridded	1.39E-01	2.42E-02	27.47	4.27	1.38E+01	2.10E+00	1.82E+00	3.26E-01	1.82E+00	3.26E-01	1.82E+00	3.26E-01
382 Gridded	1.65E-01	2.59E-02	23.82	4.04	1.17E+01	1.89E+00	2.10E+00	3.35E-01	2.10E+00	3.35E-01	2.10E+00	3.35E-01
383 Gridded	1.56E-01	2.98E-02	19.06	4.50	9.23E+00	2.20E+00	1.68E+00	3.86E-01	1.68E+00	3.86E-01	1.68E+00	3.86E-01
384 Gridded	1.38E-01	5.22E-02	23.80	9.70	1.16E+01	4.78E+00	1.76E+00	7.12E-01	1.76E+00	7.12E-01	1.76E+00	7.12E-01
385 Gridded	1.90E-01	3.64E-02	38.22	6.16	1.90E+01	2.97E+00	2.66E+00	4.61E-01	2.66E+00	4.61E-01	2.66E+00	4.61E-01
386 Gridded	1.91E-01	3.12E-02	27.00	4.94	1.35E+01	2.44E+00	2.44E+00	4.05E-01	2.44E+00	4.05E-01	2.44E+00	4.05E-01
387 Gridded	1.70E-01	3.43E-02	28.79	5.68	1.44E+01	2.74E+00	1.88E+00	4.53E-01	1.88E+00	4.53E-01	1.88E+00	4.53E-01
388 Gridded	2.81E-01	3.40E-02	53.33	5.68	2.67E+01	2.76E+00	3.87E+00	4.50E-01	3.87E+00	4.50E-01	3.87E+00	4.50E-01
389 Gridded	1.43E-01	3.90E-02	49.02	6.60	2.45E+01	3.20E+00	1.84E+00	5.18E-01	1.84E+00	5.18E-01	1.84E+00	5.18E-01
390 Gridded	1.91E-01	4.64E-02	33.32	7.87	1.64E+01	3.82E+00	2.57E+00	6.17E-01	2.57E+00	6.17E-01	2.57E+00	6.17E-01
391 Gridded	1.53E-01	3.91E-02	32.06	6.76	1.60E+01	3.30E+00	2.13E+00	5.23E-01	2.12E+00	5.23E-01	2.12E+00	5.23E-01
392 Gridded	2.64E-01	3.07E-02	41.21	4.35	2.01E+01	2.12E+00	3.44E+00	3.72E-01	3.44E+00	3.72E-01	3.44E+00	3.72E-01
393 Gridded	2.08E-01	3.19E-02	21.63	5.11	1.07E+01	2.49E+00	2.16E+00	4.15E-01	2.16E+00	4.15E-01	2.16E+00	4.15E-01
394 Gridded	1.53E-01	2.69E-02	29.92	4.53	1.50E+01	2.17E+00	1.88E+00	3.56E-01	1.88E+00	3.56E-01	1.88E+00	3.56E-01
395 Gridded	1.42E-01	2.61E-02	29.45	4.08	1.47E+01	1.99E+00	1.98E+00	3.37E-01	1.98E+00	3.37E-01	1.98E+00	3.37E-01
396 Gridded	1.39E-01	2.78E-02	32.74	5.00	1.63E+01	2.43E+00	2.01E+00	3.76E-01	2.01E+00	3.76E-01	2.01E+00	3.76E-01
397 Gridded	1.61E-01	2.02E-02	27.10	3.44	1.32E+01	1.66E+00	2.14E+00	2.68E-01	2.14E+00	2.68E-01	2.14E+00	2.68E-01
398 Gridded	1.18E-01	1.30E-02	20.12	2.47	9.72E+00	1.21E+00	1.39E+00	1.78E-01	1.39E+00	1.78E-01	1.39E+00	1.78E-01
399 Gridded	1.32E-01	1.90E-02	28.01	3.89	1.39E+01	1.93E+00	1.88E+00	2.66E-01	1.88E+00	2.66E-01	1.88E+00	2.66E-01
400 Gridded	1.46E-01	2.90E-02	27.19	4.50	1.36E+01	2.19E+00	1.85E+00	3.60E-01	1.85E+00	3.60E-01	1.85E+00	3.60E-01
401 Gridded	1.74E-01	2.76E-02	47.26	4.99	2.37E+01	2.47E+00	2.69E+00	3.74E-01	2.69E+00	3.74E-01	2.69E+00	3.74E-01
402 Gridded	2.03E-01	2.86E-02	29.88	4.55	1.49E+01	2.14E+00	2.62E+00	3.71E-01	2.62E+00	3.71E-01	2.62E+00	3.71E-01
403 Gridded	1.49E-01	2.77E-02	18.07	3.59	9.06E+00	1.75E+00	1.60E+00	3.30E-01	1.60E+00	3.30E-01	1.60E+00	3.30E-01
404 Gridded	1.69E-01	4.69E-02	22.15	8.34	1.11E+01	4.11E+00	2.12E+00	6.33E-01	2.12E+00	6.33E-01	2.12E+00	6.33E-01
405 Gridded	1.76E-01	2.91E-02	29.63	5.56	1.47E+01	2.63E+00	2.35E+00	3.97E-01	2.35E+00	3.97E-01	2.35E+00	3.97E-01

406	Gridded	1.18E-01	2.37E-02	18.56	4.56	8.94E+00	2.26E+00	1.54E+00	3.11E-01	1.54E+00	3.11E-01	1.54E+00	3.11E-01
407	Gridded	1.31E-01	2.84E-02	21.58	4.78	1.07E+01	2.34E+00	1.74E+00	3.74E-01	1.74E+00	3.74E-01	1.74E+00	3.74E-01
408	Gridded	1.85E-01	3.02E-02	26.70	5.19	1.34E+01	2.50E+00	2.17E+00	4.02E-01	2.17E+00	4.02E-01	2.17E+00	4.02E-01
409	Gridded	2.22E-01	2.97E-02	70.31	5.14	3.53E+01	2.51E+00	3.63E+00	3.97E-01	3.63E+00	3.97E-01	3.63E+00	3.97E-01
410	Gridded	1.27E-01	3.69E-02	25.47	6.37	1.28E+01	3.09E+00	1.65E+00	4.93E-01	1.65E+00	4.93E-01	1.65E+00	4.93E-01
411	Gridded	1.72E-01	3.75E-02	30.66	6.33	1.51E+01	3.07E+00	2.32E+00	4.98E-01	2.32E+00	4.98E-01	2.32E+00	4.98E-01
412	Gridded	1.34E-01	2.95E-02	27.73	5.29	1.39E+01	2.58E+00	1.88E+00	3.97E-01	1.88E+00	3.97E-01	1.88E+00	3.97E-01
413	Gridded	2.68E-01	2.85E-02	44.45	5.57	2.22E+01	2.76E+00	3.56E+00	3.60E-01	3.56E+00	3.60E-01	3.56E+00	3.60E-01
414	Gridded	1.35E-01	2.98E-02	23.67	4.97	1.19E+01	2.40E+00	1.77E+00	3.94E-01	1.77E+00	3.94E-01	1.77E+00	3.94E-01
415	Gridded	1.27E-01	2.35E-02	29.22	4.21	1.46E+01	2.07E+00	1.86E+00	3.07E-01	1.86E+00	3.07E-01	1.86E+00	3.07E-01
416	Gridded	1.35E-01	2.53E-02	24.36	3.98	1.21E+01	1.90E+00	1.79E+00	3.29E-01	1.79E+00	3.29E-01	1.79E+00	3.29E-01
417	Gridded	1.32E-01	2.08E-02	29.44	4.00	1.47E+01	2.00E+00	1.90E+00	2.83E-01	1.90E+00	2.83E-01	1.90E+00	2.83E-01
418	Gridded	1.25E-01	2.22E-02	25.31	3.94	1.25E+01	1.91E+00	1.75E+00	2.98E-01	1.75E+00	2.98E-01	1.75E+00	2.98E-01
419	Gridded	1.43E-01	1.58E-02	24.49	2.69	1.19E+01	1.30E+00	1.91E+00	2.11E-01	1.91E+00	2.11E-01	1.91E+00	2.11E-01
420	Gridded	1.32E-01	1.29E-02	23.24	2.58	1.13E+01	1.27E+00	1.54E+00	1.65E-01	1.54E+00	1.65E-01	1.54E+00	1.65E-01
421	Gridded	1.44E-01	2.59E-02	43.82	4.68	2.20E+01	2.31E+00	2.16E+00	3.51E-01	2.16E+00	3.51E-01	2.16E+00	3.51E-01
422	Gridded	2.17E-01	3.05E-02	34.61	4.98	1.73E+01	2.36E+00	2.86E+00	3.99E-01	2.86E+00	3.99E-01	2.86E+00	3.99E-01
423	Gridded	1.47E-01	2.86E-02	21.85	3.45	1.10E+01	1.53E+00	1.89E+00	3.48E-01	1.89E+00	3.48E-01	1.89E+00	3.48E-01
424	Gridded	2.21E-01	4.15E-02	26.09	7.11	1.31E+01	3.51E+00	2.69E+00	5.55E-01	2.69E+00	5.55E-01	2.69E+00	5.55E-01
425	Gridded	1.46E-01	3.37E-02	31.55	7.00	1.58E+01	3.41E+00	2.05E+00	4.73E-01	2.05E+00	4.73E-01	2.05E+00	4.73E-01
426	Gridded	1.44E-01	2.75E-02	37.52	5.37	1.88E+01	2.61E+00	2.14E+00	3.80E-01	2.14E+00	3.80E-01	2.14E+00	3.80E-01
427	Gridded	1.23E-01	2.25E-02	17.69	3.56	8.87E+00	1.72E+00	1.56E+00	2.94E-01	1.56E+00	2.94E-01	1.56E+00	2.94E-01
428	Gridded	1.46E-01	2.16E-02	22.51	3.60	1.13E+01	1.72E+00	1.66E+00	2.85E-01	1.66E+00	2.85E-01	1.66E+00	2.85E-01
429	Gridded	2.04E-01	2.33E-02	27.86	4.13	1.37E+01	2.00E+00	2.59E+00	3.13E-01	2.59E+00	3.13E-01	2.59E+00	3.13E-01
430	Gridded	1.07E-01	2.23E-02	72.27	3.93	3.62E+01	1.92E+00	2.27E+00	3.00E-01	2.27E+00	3.00E-01	2.27E+00	3.00E-01
431	Gridded	1.08E-01	3.25E-02	21.91	5.65	1.10E+01	2.74E+00	1.42E+00	4.34E-01	1.42E+00	4.34E-01	1.42E+00	4.34E-01
432	Gridded	1.58E-01	3.24E-02	29.12	5.45	1.43E+01	2.64E+00	2.15E+00	4.30E-01	2.15E+00	4.30E-01	2.15E+00	4.30E-01
433	Gridded	1.16E-01	2.83E-02	31.33	5.03	1.55E+01	2.45E+00	1.76E+00	3.81E-01	1.76E+00	3.81E-01	1.76E+00	3.81E-01
434	Gridded	2.71E-01	2.39E-02	47.01	5.23	2.36E+01	2.59E+00	3.65E+00	3.37E-01	3.65E+00	3.37E-01	3.65E+00	3.37E-01
435	Gridded	2.14E-01	2.66E-02	39.50	4.87	1.98E+01	2.38E+00	2.93E+00	3.61E-01	2.93E+00	3.61E-01	2.93E+00	3.61E-01
436	Gridded	1.49E-01	2.61E-02	29.36	4.56	1.47E+01	2.22E+00	2.07E+00	3.44E-01	2.07E+00	3.44E-01	2.07E+00	3.44E-01
437	Gridded	1.52E-01	2.36E-02	28.35	4.18	1.40E+01	2.09E+00	2.08E+00	3.15E-01	2.08E+00	3.15E-01	2.08E+00	3.15E-01
438	Gridded	1.19E-01	2.35E-02	21.23	4.39	1.06E+01	2.18E+00	1.55E+00	3.10E-01	1.55E+00	3.10E-01	1.55E+00	3.10E-01
439	Gridded	1.23E-01	2.14E-02	27.03	4.69	1.34E+01	2.35E+00	1.75E+00	3.08E-01	1.75E+00	3.08E-01	1.75E+00	3.08E-01
440	Gridded	1.15E-01	1.90E-02	23.16	3.76	1.14E+01	1.84E+00	1.61E+00	2.55E-01	1.61E+00	2.55E-01	1.61E+00	2.55E-01
441	Gridded	1.36E-01	1.50E-02	23.03	3.26	1.11E+01	1.63E+00	1.79E+00	2.09E-01	1.79E+00	2.09E-01	1.79E+00	2.09E-01
626	Gridded	2.67E-01	4.37E-02	39.93	6.87	2.00E+01	3.33E+00	3.21E+00	5.70E-01	3.21E+00	5.70E-01	3.21E+00	5.70E-01
627	Gridded	3.45E-01	4.33E-02	44.76	6.58	2.12E+01	3.19E+00	4.30E+00	5.60E-01	4.30E+00	5.60E-01	4.30E+00	5.60E-01
628	Gridded	4.37E-01	4.19E-02	66.57	6.26	3.22E+01	3.08E+00	5.66E+00	5.38E-01	5.66E+00	5.38E-01	5.66E+00	5.38E-01
629	Gridded	5.32E-01	4.59E-02	89.41	6.85	4.38E+01	3.34E+00	7.06E+00	5.60E-01	7.06E+00	5.60E-01	7.06E+00	5.60E-01
630	Gridded	6.03E-01	5.08E-02	107.60	8.34	5.31E+01	4.11E+00	8.14E+00	6.38E-01	8.14E+00	6.38E-01	8.14E+00	6.38E-01
631	Gridded	6.01E-01	5.53E-02	109.84	8.81	5.45E+01	4.37E+00	8.18E+00	7.13E-01	8.18E+00	7.13E-01	8.18E+00	7.13E-01
632	Gridded	4.90E-01	6.26E-02	85.24	9.79	4.25E+01	4.68E+00	6.60E+00	8.11E-01	6.59E+00	8.11E-01	6.59E+00	8.11E-01
633	Gridded	3.58E-01	7.44E-02	51.88	11.16	2.57E+01	5.34E+00	4.40E+00	9.58E-01	4.40E+00	9.57E-01	4.40E+00	9.57E-01
634	Gridded	4.79E-01	7.88E-02	75.80	11.32	3.74E+01	5.44E+00	6.28E+00	1.01E+00	6.28E+00	1.01E+00	6.28E+00	1.01E+00
635	Gridded	5.75E-01	7.50E-02	90.68	10.23	4.45E+01	4.92E+00	7.52E+00	9.47E-01	7.52E+00	9.46E-01	7.52E+00	9.46E-01
636	Gridded	5.15E-01	6.59E-02	80.82	8.81	3.94E+01	4.24E+00	6.72E+00	8.29E-01	6.72E+00	8.29E-01	6.72E+00	8.29E-01
637	Gridded	5.05E-01	5.54E-02	72.41	7.73	3.53E+01	3.73E+00	6.46E+00	7.04E-01	6.46E+00	7.03E-01	6.46E+00	7.03E-01
638	Gridded	4.70E-01	6.20E-02	75.66	6.65	3.71E+01	3.22E+00	5.98E+00	7.09E-01	5.98E+00	7.09E-01	5.98E+00	7.09E-01
639	Gridded	5.47E-01	6.40E-02	81.57	6.56	3.96E+01	3.14E+00	7.05E+00	7.26E-01	7.05E+00	7.26E-01	7.05E+00	7.26E-01
640	Gridded	4.05E-01	5.66E-02	64.46	7.27	3.19E+01	3.50E+00	5.32E+00	7.06E-01	5.32E+00	7.06E-01	5.32E+00	7.06E-01
641	Gridded	3.50E-01	5.44E-02	52.10	7.17	2.59E+01	3.46E+00	4.47E+00	6.82E-01	4.47E+00	6.82E-01	4.47E+00	6.82E-01
642	Gridded	4.62E-01	5.87E-02	67.64	6.92	3.30E+01	3.35E+00	5.65E+00	7.04E-01	5.65E+00	7.04E-01	5.65E+00	7.04E-01
643	Gridded	4.25E-01	6.47E-02	69.48	7.81	3.43E+01	3.55E+00	5.49E+00	7.90E-01	5.49E+00	7.90E-01	5.49E+00	7.90E-01
644	Gridded	4.06E-01	5.97E-02	50.87	7.89	2.50E+01	3.66E+00	4.85E+00	7.45E-01	4.84E+00	7.45E-01	4.84E+00	7.45E-01
645	Gridded	4.44E-01	5.33E-02	53.33	7.67	2.59E+01	3.61E+00	5.44E+00	6.78E-01	5.44E+00	6.78E-01	5.44E+00	6.78E-01
646	Gridded	4.22E-01	4.64E-02	63.74	7.19	3.14E+01	3.41E+00	5.36E+00	6.01E-01	5.36E+00	6.01E-01	5.36E+00	6.01E-01
647	Gridded	3.52E-01	4.50E-02	64.34	6.70	3.18E+01	3.16E+00	4.67E+00	5.76E-01	4.66E+00	5.76E-01	4.66E+00	5.76E-01
648	Gridded	3.01E-01	4.82E-02	50.33	6.88	2.48E+01	3.22E+00	3.75E+00	6.12E-01	3.75E+00	6.12E-01	3.75E+00	6.12E-01
649	Gridded	3.80E-01	4.70E-02	52.42	6.89	2.63E+01	3.24E+00	4.43E+00	6.00E-01	4.43E+00	6.00E-01	4.43E+00	6.00E-01
650	Gridded	3.78E-01	4.31E-02	58.28	6.61	2.85E+01	3.14E+00	4.92E+00	5.57E-01	4.92E+00	5.57E-01	4.92E+00	5.57E-01
651	Gridded	3.63E-01	4.49E-02	58.22	7.36	2.89E+01	3.56E+00	4.56E+00	5.92E-01	4.56E+00	5.92E-01	4.56E+00	5.92E-01
652	Gridded	3.75E-01	4.92E-02	71.16	8.77	3.46E+01	4.32E+00	5.13E+00	6.63E-01	5.13E+00	6.63E-01	5.13E+00	6.63E-01
653	Gridded	3.04E-01	4.93E-02	65.20	9.51	3.20E+01	4.72E+00	3.88E+00	6.81E-01	3.88E+00	6.81E-01	3.88E+00	6.81E-01
654	Gridded	3.58E-01	4.18E-02	66.31	8.61	3.26E+01	4.28E+00	4.87E+00	5.88E-01	4.87E+00	5.88E-01	4.87E+00	5.88E-01
655	Gridded	3.55E-01	4.55E-02	68.34	6.55	3.40E+01	3.25E+00	4.52E+00	5.40E-01	4.52E+00	5.40E-01	4.52E+00	5.40E-01
656	Gridded	4.04E-01	5.44E-02	62.42	6.95	3.04E+01	3.23E+00	5.02E+00	6.73E-01	5.02E+00	6.73E-01	5.02E+00	6.73E-01
657	Gridded	2.71E-01	4.39E-02	52.53	7.05	2.63E+01	3.39E+00	3.69E+00	5.75E-01	3.69E+00	5.75E-01	3.69E+00	5.75E-01
658	Gridded	2.64E-01	4.61E-02	45.41	7.18	2.26E+01	3.46E+00	3.54E+00	5.99E-01	3.54E+00	5.99E-01	3.54E+00	5.99E-01
659	Gridded	3.44E-01	4.62E-02	39.17	6.93	1.81E+01	3.35E+00	4.17E+00	5.96E-01	4.17E+00	5.96E-01	4.17E+00	5.96E-01
660	Gridded	4.58E-01	4.53E-02	62.98	6.47	3.01E+01	3.12E+00	5.79E+00	5.74E-01	5.79E+00	5.74E-01	5.79E+00	5.74E-01
661	Gridded	5.78E-01	5.09E-02	92.79	6.92	4.51E+01	3.35E+00	7.58E+00	6.11E-01	7.58E+00	6.11E-01	7.58E+00	6.11E-01
662	Gridded	6.45E-01	5.61E-02	115.05	8.79	5.66E+01	4.32E+00	8.71E+00	6.94E-01	8.71E+00	6.94E-01	8.71E+00	6.94E-01
663	Gridded	6.26E-01	6.04E-02	110.44	9.14	5.47E+01	4.52E+00	8.44E+00	7.72E-01	8.44E+00	7.72E-01	8.44E+00	7.72E-01
664	Gridded	5.07E-01	6.94E-02	79.21	10.36	3.94E+01	4.95E+00	6.63E+00	8.92E-01	6.63E+00	8.91E-01	6.63E+00	8.91E-01
665	Gridded	3.87E-01	8.17E-02	62.30	11.70	3.09E+01	5.58E+00	5.10E+00	1.04E+00	5.10E+00	1.04E+00	5.10E+00	1.04E+00
666	Gridded	5.62E-01	8.39E-02	89.91	11.36	4.43E+01	5.44E+00	7.39E+00	1.06E+00	7.39E+00	1.06E+00	7.39E+00	1.06E+00
667	Gridded	6.20E-01	7.54E-02	96.42	9.84	4.72E+01	4.72E+00	8.08E+00	9.43E-01	8.08E+00	9.42E-01	8.08E+00	9.42E-01
668	Gridded	5.19E-01	6.23E-02	75.70	8.39	3.70E+01	4.03E+00	6.67E+00	7.85E-01	6.67E+00	7.84E-01	6.67E+00	7.84E-01
669	Gridded	4.56E-01	6.24E-02	71.26	7.25	3.45E+01	3.50E+00	5.90E+00	7.17E-01	5.90E+00	7.17E-01	5.90E+00	7.17E-01
670	Gridded	5.72E-01	7.46E-02	80.12	6.46	3.84E+01	3.08E+00	7.26E+00	8.36E-01	7.26E+00	8.36E-01	7.26E+00	8.36E-01
671	Gridded	4.92E-01	6.44E-02	75.19	7.65	3.70E+01	3.67E+00	6.40E+00	7.69E-01	6.40E+00	7.69E-01	6.40E+00	7.69E-01
672	Gridded	3.39E-01	6.16E-02	47.84	7.82	2.36E+01	3.77E+00	4.03E+00	7.66E-01	4.03E+00	7.66E-01	4.03E+00	7.66E-01
673	Gridded	3.96E-01	5.82E-02	58.18	7.55	2.84E+01	3.65E+00	4.84E+00	7.29E-01	4.84E+00	7.28E-01	4.84E+00	7.28E-01
674	Gridded	4.23E-01	6.82E-02	69.06	7.80	3.40E+01	3.51E+00	5.36E+00	8.24E-01	5.36E+00	8.24E-01	5.36E+00	8.24E-01
675	Gridded	4.11E-01	6.26E-02	54.09	8.00	2.64E+01	3.69E+00	4.85E+00	7.75E-01	4.85E+00	7.75E-01	4.85E+00	7.75E-01
676	Gridded	4.65E-01	5.50E-02	53.34	7.64	2.58E+01	3.57E+00	5.65E+00	6.93E-01	5.65E+00	6.93E-01	5.65E+00	6.93E-01
677	Gridded	4.55E-01	4.70E-02	61.67	7.06	3.01E+01	3.33E+00	5.75E+00	6.03E-01	5.75E+00	6.03E-01	5.75E+00	6.03E-01
678	Gridded	3.86E-01	4.76E-02	63.01	6.69	3.08E+01	3.12E+00	5.11E+00	6.01E-01	5.11E+00	6.01E-01	5.11E+00	6.01E-01
679	Gridded	3.11E-01	5.16E-02	55.95	7.06	2.77E+01	3.28E+00	4.00E+00	6.48E-01	3.99E+00	6.48E-01	3.99E+00	6.48E-01
680	Gridded	3.80E-01	5.00E-02	50.06	7.15	2.44E+01	3.36E+00	4.50E+00	6.35E-01	4.50E+00	6.35E-01	4.50E+00	6.35E-01
681	Gridded	3.39E-01	4.66E-02	58.54	7.04	2.88E+01	3.36E+00	4.54E+00	6.00E-01	4.54E+00	6.00E-01	4.54E+00	6.00E-01
682	Gridded	3.45E-01	4.94E-02	52.68	8.18	2.64E+01	3.99E+00	4.45E+00	6.53E-01	4.45E+00	6.53E-01	4.45E+00	6.53E-01
683	Gridded	3.02E-01	5.20E-02	67.75	9.57	3.31E+01	4.73E+00	4.34E+00	7.08E-01	4.34E+00	7.08E-01	4.34E+00	7.08E-01
684	Gridded	3.32E-01	4.81E-02	58.41	9.71	2.93E+01	4.82E+00	4.39E+00	6.73E-01	4.39E+00	6.73E-01	4.39E+00	6.73E-01
685	Gridded	3.45E-01	4.65E-02	70.52	8.01	3.50E+01	3.98E+00	4.80E+00	5.41E-01	4.80E+00	5.41E-01	4.80E+00	5.41E-01
686	Gridded	4.00E-01	5.70E-02	59.81	6.71	2.99E+01	3.08E+00	4.98E+00	6.94E-01	4.98E+00	6.94E-01	4.98E+00	6.94E-01
687	Gridded	4.07E-01	6.31E-02	67.27	8.99	3.32E+01	4.26E+00	5.29E+00	8.02E-01	5.29E+00	8.02E-01	5.29E+00	8.02E-01
688	Gridded	3.10E-01	5.05E-02	61.06	7.86	3.06E+01	3.85E+00	4.31E+00	6.59E-01	4.31E+00	6.58E-01	4.31E+00	6.58E-01
689	Gridded	2.84E-01	4.48E-02	56.03	7.08	2.81E+01	3.39E+00	3.95E+00	5.84E-01	3.95E+00	5.84E-01	3.95E+00	5.84E-01
690	Gridded	2.85E-01	4.76E-02	48.79	7.31	2.41E+01	3.51E+00	3.81E+00	6.17E-01	3.81E+00	6.17E-01	3.81E+00	6.17E-01
691	Gridded	3.42E-01	4.84E-02	38.47	7.11	1.91E+01	3.42E+00	4.04E+00	6.21E-01	4.04E+00	6.21E-01	4.04E+00	6.21E-01

692 Gridded	4.72E-01	4.98E-02	60.04	6.66	2.83E+01	3.20E+00	5.86E+00	6.02E-01	5.86E+00	6.02E-01	5.86E+00	6.02E-01
693 Gridded	6.04E-01	5.62E-02	91.40	6.73	4.41E+01	3.24E+00	7.80E+00	6.65E-01	7.80E+00	6.65E-01	7.80E+00	6.65E-01
694 Gridded	6.93E-01	6.18E-02	114.17	8.80	5.59E+01	4.30E+00	9.16E+00	7.59E-01	9.16E+00	7.58E-01	9.16E+00	7.58E-01
695 Gridded	6.72E-01	6.59E-02	108.65	9.66	5.36E+01	4.51E+00	8.86E+00	8.39E-01	8.86E+00	8.39E-01	8.86E+00	8.39E-01
696 Gridded	5.00E-01	7.82E-02	68.05	11.15	3.37E+01	5.28E+00	6.35E+00	9.94E-01	6.35E+00	9.94E-01	6.35E+00	9.94E-01
697 Gridded	4.70E-01	8.91E-02	74.75	12.05	3.71E+01	5.74E+00	6.18E+00	1.12E+00	6.18E+00	1.12E+00	6.18E+00	1.12E+00
698 Gridded	6.52E-01	8.55E-02	101.49	10.97	5.00E+01	5.24E+00	8.52E+00	1.07E+00	8.52E+00	1.06E+00	8.52E+00	1.06E+00
699 Gridded	6.28E-01	7.10E-02	95.98	9.09	4.70E+01	4.35E+00	8.15E+00	8.85E-01	8.15E+00	8.84E-01	8.15E+00	8.84E-01
700 Gridded	4.88E-01	5.84E-02	75.11	7.67	3.69E+01	3.69E+00	6.38E+00	7.06E-01	6.38E+00	7.05E-01	6.38E+00	7.05E-01
701 Gridded	5.37E-01	8.29E-02	73.30	6.57	3.61E+01	3.17E+00	6.68E+00	9.24E-01	6.68E+00	9.24E-01	6.68E+00	9.24E-01
702 Gridded	5.65E-01	8.20E-02	80.57	7.84	3.92E+01	3.74E+00	7.22E+00	9.11E-01	7.22E+00	9.11E-01	7.22E+00	9.11E-01
703 Gridded	3.55E-01	6.98E-02	50.66	8.46	2.52E+01	4.06E+00	4.18E+00	8.60E-01	4.18E+00	8.60E-01	4.18E+00	8.60E-01
704 Gridded	3.82E-01	6.62E-02	54.32	8.33	2.60E+01	4.01E+00	4.73E+00	8.22E-01	4.73E+00	8.22E-01	4.73E+00	8.22E-01
705 Gridded	4.08E-01	7.10E-02	64.45	8.04	3.17E+01	3.87E+00	5.15E+00	8.52E-01	5.15E+00	8.52E-01	5.15E+00	8.52E-01
706 Gridded	4.09E-01	6.49E-02	55.16	8.13	2.67E+01	3.73E+00	4.77E+00	7.99E-01	4.77E+00	7.99E-01	4.77E+00	7.99E-01
707 Gridded	5.45E-01	5.58E-02	55.17	7.59	2.66E+01	3.53E+00	5.82E+00	7.00E-01	5.82E+00	7.00E-01	5.82E+00	7.00E-01
708 Gridded	4.84E-01	4.65E-02	66.10	6.82	3.23E+01	3.20E+00	6.10E+00	5.93E-01	6.10E+00	5.93E-01	6.10E+00	5.93E-01
709 Gridded	4.15E-01	5.01E-02	69.20	6.72	3.40E+01	3.10E+00	5.53E+00	6.26E-01	5.53E+00	6.26E-01	5.53E+00	6.26E-01
710 Gridded	3.77E-01	5.52E-02	62.48	7.32	3.11E+01	3.38E+00	4.34E+00	6.88E-01	4.33E+00	6.88E-01	4.33E+00	6.88E-01
711 Gridded	3.60E-01	5.25E-02	48.68	7.46	2.39E+01	3.50E+00	4.53E+00	6.66E-01	4.53E+00	6.66E-01	4.53E+00	6.66E-01
712 Gridded	2.71E-01	5.16E-02	54.24	7.89	2.68E+01	3.79E+00	3.78E+00	6.67E-01	3.78E+00	6.67E-01	3.78E+00	6.67E-01
713 Gridded	3.01E-01	5.44E-02	53.23	9.24	2.67E+01	4.53E+00	4.04E+00	7.24E-01	4.04E+00	7.24E-01	4.04E+00	7.24E-01
714 Gridded	3.02E-01	5.31E-02	60.04	10.14	2.95E+01	5.02E+00	3.42E+00	7.31E-01	3.42E+00	7.31E-01	3.42E+00	7.31E-01
715 Gridded	3.33E-01	4.67E-02	64.89	9.38	3.20E+01	4.66E+00	4.60E+00	6.31E-01	4.60E+00	6.31E-01	4.60E+00	6.31E-01
716 Gridded	4.01E-01	5.98E-02	66.23	6.98	3.31E+01	3.46E+00	4.83E+00	7.11E-01	4.83E+00	7.11E-01	4.83E+00	7.11E-01
717 Gridded	4.25E-01	6.83E-02	71.06	9.04	3.50E+01	4.24E+00	5.44E+00	8.53E-01	5.44E+00	8.53E-01	5.44E+00	8.53E-01
718 Gridded	3.39E-01	7.21E-02	67.35	10.84	3.34E+01	5.19E+00	4.64E+00	9.19E-01	4.64E+00	9.19E-01	4.64E+00	9.19E-01
719 Gridded	3.03E-01	6.23E-02	50.34	10.03	2.52E+01	4.84E+00	3.94E+00	8.17E-01	3.94E+00	8.17E-01	3.94E+00	8.17E-01
720 Gridded	3.20E-01	5.84E-02	56.28	9.27	2.82E+01	4.52E+00	4.09E+00	7.65E-01	4.09E+00	7.64E-01	4.09E+00	7.64E-01
721 Gridded	3.00E-01	5.16E-02	55.17	8.13	2.77E+01	3.98E+00	3.93E+00	6.66E-01	3.93E+00	6.65E-01	3.93E+00	6.65E-01
722 Gridded	3.01E-01	4.79E-02	48.48	7.12	2.38E+01	3.39E+00	3.96E+00	6.16E-01	3.96E+00	6.16E-01	3.96E+00	6.16E-01
723 Gridded	3.31E-01	5.07E-02	40.79	7.18	2.01E+01	3.42E+00	3.85E+00	6.44E-01	3.85E+00	6.44E-01	3.85E+00	6.44E-01
724 Gridded	4.77E-01	5.45E-02	53.98	7.00	2.51E+01	3.35E+00	5.78E+00	6.51E-01	5.78E+00	6.51E-01	5.78E+00	6.51E-01
725 Gridded	6.32E-01	6.25E-02	88.82	7.22	4.26E+01	3.44E+00	8.03E+00	7.30E-01	8.03E+00	7.29E-01	8.03E+00	7.29E-01
726 Gridded	7.24E-01	6.78E-02	113.04	8.49	5.51E+01	4.13E+00	9.43E+00	8.21E-01	9.43E+00	8.21E-01	9.43E+00	8.21E-01
727 Gridded	6.70E-01	7.05E-02	98.40	9.81	4.83E+01	4.51E+00	8.62E+00	8.86E-01	8.62E+00	8.86E-01	8.62E+00	8.86E-01
728 Gridded	4.78E-01	8.54E-02	60.53	11.43	3.01E+01	5.39E+00	5.80E+00	1.07E+00	5.80E+00	1.07E+00	5.80E+00	1.07E+00
729 Gridded	5.38E-01	9.37E-02	87.71	11.57	4.36E+01	5.48E+00	7.12E+00	1.16E+00	7.12E+00	1.16E+00	7.12E+00	1.16E+00
730 Gridded	6.75E-01	8.34E-02	106.02	9.82	5.23E+01	4.66E+00	8.84E+00	1.02E+00	8.84E+00	1.02E+00	8.84E+00	1.02E+00
731 Gridded	5.07E-01	6.52E-02	83.22	8.08	4.08E+01	3.85E+00	6.66E+00	8.07E-01	6.66E+00	8.06E-01	6.66E+00	8.06E-01
732 Gridded	5.36E-01	8.05E-02	79.97	6.99	3.94E+01	3.35E+00	6.94E+00	9.03E-01	6.94E+00	9.03E-01	6.94E+00	9.03E-01
733 Gridded	6.30E-01	9.91E-02	76.53	7.79	3.64E+01	3.69E+00	7.77E+00	1.08E+00	7.77E+00	1.08E+00	7.77E+00	1.08E+00
734 Gridded	4.11E-01	7.92E-02	61.31	9.19	3.03E+01	4.39E+00	5.32E+00	9.68E-01	5.32E+00	9.68E-01	5.32E+00	9.68E-01
735 Gridded	4.06E-01	7.68E-02	51.42	9.39	2.42E+01	4.51E+00	4.83E+00	9.48E-01	4.83E+00	9.48E-01	4.83E+00	9.48E-01
736 Gridded	4.20E-01	7.46E-02	59.92	9.23	2.90E+01	4.43E+00	5.33E+00	9.24E-01	5.33E+00	9.24E-01	5.33E+00	9.24E-01
737 Gridded	3.91E-01	6.83E-02	57.05	8.62	2.72E+01	4.15E+00	4.98E+00	8.38E-01	4.98E+00	8.38E-01	4.98E+00	8.38E-01
738 Gridded	6.39E-01	5.76E-02	55.67	7.76	2.66E+01	3.77E+00	6.47E+00	7.27E-01	6.47E+00	7.27E-01	6.47E+00	7.27E-01
739 Gridded	4.87E-01	5.24E-02	68.72	6.90	3.35E+01	3.33E+00	6.14E+00	6.48E-01	6.14E+00	6.48E-01	6.14E+00	6.48E-01
740 Gridded	4.25E-01	5.30E-02	72.71	6.57	3.59E+01	3.12E+00	5.70E+00	6.50E-01	5.70E+00	6.50E-01	5.70E+00	6.50E-01
741 Gridded	3.64E-01	5.84E-02	66.45	7.49	3.31E+01	3.44E+00	4.50E+00	7.23E-01	4.50E+00	7.23E-01	4.50E+00	7.23E-01
742 Gridded	3.21E-01	5.56E-02	48.92	7.88	2.44E+01	3.71E+00	4.16E+00	7.05E-01	4.16E+00	7.05E-01	4.16E+00	7.05E-01
743 Gridded	2.65E-01	5.81E-02	45.32	9.12	2.25E+01	4.41E+00	3.43E+00	7.57E-01	3.43E+00	7.57E-01	3.43E+00	7.57E-01
744 Gridded	3.16E-01	5.99E-02	53.67	10.62	2.62E+01	5.23E+00	3.63E+00	8.07E-01	3.63E+00	8.07E-01	3.63E+00	8.07E-01
745 Gridded	3.59E-01	5.26E-02	52.91	10.46	2.65E+01	5.19E+00	3.85E+00	7.33E-01	3.85E+00	7.32E-01	3.85E+00	7.32E-01
746 Gridded	3.69E-01	6.20E-02	65.13	8.42	3.25E+01	4.18E+00	4.39E+00	7.21E-01	4.39E+00	7.21E-01	4.39E+00	7.21E-01
747 Gridded	4.40E-01	7.40E-02	69.27	8.73	3.41E+01	4.04E+00	5.53E+00	9.02E-01	5.53E+00	9.02E-01	5.53E+00	9.02E-01
748 Gridded	3.66E-01	7.89E-02	70.97	11.18	3.52E+01	5.32E+00	4.97E+00	9.98E-01	4.97E+00	9.98E-01	4.97E+00	9.98E-01
749 Gridded	4.34E-01	8.93E-02	67.70	12.27	3.34E+01	5.90E+00	5.14E+00	1.10E+00	5.14E+00	1.10E+00	5.14E+00	1.10E+00
750 Gridded	2.93E-01	6.72E-02	45.38	10.64	2.19E+01	4.99E+00	3.80E+00	8.70E-01	3.80E+00	8.70E-01	3.80E+00	8.70E-01
751 Gridded	2.62E-01	6.86E-02	39.27	10.94	1.95E+01	5.21E+00	3.40E+00	8.81E-01	3.40E+00	8.81E-01	3.40E+00	8.81E-01
752 Gridded	2.95E-01	6.62E-02	49.83	10.45	2.50E+01	5.04E+00	3.77E+00	8.43E-01	3.77E+00	8.43E-01	3.77E+00	8.43E-01
753 Gridded	3.02E-01	5.96E-02	52.64	9.10	2.64E+01	4.42E+00	3.73E+00	7.50E-01	3.73E+00	7.50E-01	3.73E+00	7.50E-01
754 Gridded	3.01E-01	5.13E-02	43.99	7.75	2.13E+01	3.75E+00	3.86E+00	6.52E-01	3.86E+00	6.52E-01	3.86E+00	6.52E-01
755 Gridded	3.21E-01	5.42E-02	42.19	7.43	2.06E+01	3.52E+00	4.03E+00	6.84E-01	4.03E+00	6.84E-01	4.03E+00	6.84E-01
756 Gridded	4.52E-01	5.92E-02	46.46	7.62	2.28E+01	3.62E+00	5.38E+00	7.09E-01	5.38E+00	7.09E-01	5.38E+00	7.09E-01
757 Gridded	6.29E-01	6.86E-02	82.00	8.00	3.89E+01	3.82E+00	7.85E+00	7.94E-01	7.85E+00	7.94E-01	7.85E+00	7.94E-01
758 Gridded	7.51E-01	7.46E-02	103.57	9.13	4.99E+01	4.35E+00	9.50E+00	8.94E-01	9.50E+00	8.94E-01	9.50E+00	8.94E-01
759 Gridded	6.95E-01	7.65E-02	82.06	9.73	3.99E+01	4.45E+00	8.54E+00	9.43E-01	8.54E+00	9.43E-01	8.54E+00	9.43E-01
760 Gridded	4.49E-01	9.26E-02	59.38	10.85	2.90E+01	5.07E+00	5.21E+00	1.13E+00	5.21E+00	1.13E+00	5.21E+00	1.13E+00
761 Gridded	5.49E-01	9.60E-02	89.35	10.41	4.44E+01	4.99E+00	7.26E+00	1.16E+00	7.26E+00	1.16E+00	7.26E+00	1.16E+00
762 Gridded	5.94E-01	7.94E-02	89.89	8.76	4.42E+01	4.14E+00	7.71E+00	9.60E-01	7.71E+00	9.60E-01	7.71E+00	9.60E-01
763 Gridded	5.48E-01	6.64E-02	92.68	7.61	4.55E+01	3.61E+00	7.30E+00	7.64E-01	7.30E+00	7.63E-01	7.30E+00	7.63E-01
764 Gridded	6.15E-01	1.07E-01	80.25	7.53	3.95E+01	3.55E+00	7.38E+00	1.16E+00	7.38E+00	1.16E+00	7.38E+00	1.16E+00
765 Gridded	5.35E-01	9.81E-02	69.71	9.83	3.40E+01	4.66E+00	6.72E+00	1.07E+00	6.72E+00	1.07E+00	6.72E+00	1.07E+00
766 Gridded	4.26E-01	8.96E-02	51.72	10.59	2.46E+01	5.06E+00	5.09E+00	1.10E+00	5.09E+00	1.10E+00	5.09E+00	1.10E+00
767 Gridded	4.43E-01	8.63E-02	61.18	10.63	2.84E+01	5.10E+00	5.57E+00	1.07E+00	5.57E+00	1.07E+00	5.57E+00	1.07E+00
768 Gridded	4.31E-01	8.13E-02	60.65	10.15	2.85E+01	4.88E+00	5.45E+00	1.01E+00	5.45E+00	1.01E+00	5.45E+00	1.01E+00
769 Gridded	7.10E-01	6.71E-02	55.10	9.10	2.62E+01	4.43E+00	7.18E+00	8.48E-01	7.18E+00	8.48E-01	7.18E+00	8.48E-01
770 Gridded	4.79E-01	5.92E-02	70.89	7.29	3.45E+01	3.52E+00	6.00E+00	7.34E-01	6.00E+00	7.34E-01	6.00E+00	7.34E-01
771 Gridded	4.36E-01	5.78E-02	74.12	6.76	3.68E+01	3.22E+00	5.81E+00	6.94E-01	5.81E+00	6.94E-01	5.81E+00	6.94E-01
772 Gridded	3.63E-01	6.31E-02	70.22	7.69	3.51E+01	3.51E+00	4.68E+00	7.72E-01	4.68E+00	7.72E-01	4.68E+00	7.72E-01
773 Gridded	3.17E-01	6.11E-02	51.08	8.54	2.55E+01	4.03E+00	3.77E+00	7.72E-01	3.77E+00	7.72E-01	3.77E+00	7.72E-01
774 Gridded	3.54E-01	6.66E-02	47.24	10.63	2.37E+01	5.18E+00	4.37E+00	8.72E-01	4.37E+00	8.72E-01	4.37E+00	8.72E-01
775 Gridded	4.12E-01	6.40E-02	50.01	11.88	2.45E+01	5.86E+00	4.26E+00	8.73E-01	4.26E+00	8.73E-01	4.26E+00	8.73E-01
776 Gridded	3.67E-01	6.11E-02	57.97	10.32	2.88E+01	5.12E+00	4.15E+00	7.00E-01	4.15E+00	7.00E-01	4.15E+00	7.00E-01
777 Gridded	4.35E-01	7.71E-02	59.17	8.31	2.91E+01	3.79E+00	5.10E+00	9.24E-01	5.10E+00	9.24E-01	5.10E+00	9.24E-01
778 Gridded	3.71E-01	8.62E-02	70.96	11.16	3.53E+01	5.26E+00	4.99E+00	1.07E+00	4.99E+00	1.07E+00	4.99E+00	1.07E+00
779 Gridded	4.64E-01	9.75E-02	69.91	12.55	3.45E+01	6.00E+00	5.45E+00	1.19E+00	5.45E+00	1.19E+00	5.45E+00	1.19E+00
780 Gridded	5.03E-01	1.02E-01	68.41	14.29	3.32E+01	6.87E+00	6.35E+00	1.28E+00	6.35E+00	1.28E+00	6.35E+00	1.28E+00
781 Gridded	3.99E-01	6.68E-02	55.79	10.56	2.73E+01	5.04E+00	5.09E+00	8.70E-01	5.09E+00	8.70E-01	5.09E+00	8.70E-01
782 Gridded	3.83E-01	7.18E-02	53.35	11.09	2.60E+01	5.30E+00	4.87E+00	9.30E-01	4.87E+00	9.30E-01	4.87E+00	9.30E-01
783 Gridded	3.31E-01	7.35E-02	44.33	11.00	2.13E+01	5.26E+00	4.16E+00	9.45E-01	4.16E+00	9.45E-01	4.16E+00	9.45E-01
784 Gridded	2.46E-01	7.20E-02	39.05	10.70	1.96E+01	5.06E+00	3.03E+00	9.16E-01	3.03E+00	9.16E-01	3.03E+00	9.16E-01
785 Gridded	2.53E-01	6.89E-02	44.43	9.97	2.23E+01	4.78E+00	3.13E+00	8.64E-01	3.13E+00	8.64E-01	3.13E+00	8.64E-01
786 Gridded	2.85E-01	6.37E-02	38.49	9.17	1.85E+01	4.43E+00	3.57E+00	8.13E-01	3.57E+00	8.12E-01	3.57E+00	8.12E-01
787 Gridded	3.18E-01	6.01E-02	43.87	9.05	2.15E+01	4.39E+00	4.01E+00	7.76E-01	4.01E+00	7.76E-01	4.01E+00	7.76E-01
788 Gridded	4.14E-01	6.31E-02	54.75	8.64	2.68E+01	4.21E+00	4.83E+00	7.56E-01	4.83E+00	7.56E-01	4.83E+00	7.56E-01
789 Gridded	6.36E-01	7.54E-02	71.56	8.69	3.33E+01	4.15E+00	7.70E+00	8.62E-01	7.70E+00	8.62E-01	7.70E+00	8.62E-01
790 Gridded	7.98E-01	8.40E-02	88.67	9.95	4.20E+01	4.74E+00	9.66E+00	1.02E+00	9.66E+00	1.02E+00	9.66E+00	1.02E+00
791 Gridded	7.34E-01	8.65E-02	64.06	10.46	3.11E+01	4.98E+00	8.45E+00	1.07E+00	8.45E+00	1.07E+00	8.45E+00	1.07E+00
792 Gridded	4.09E-01	9.89E-02	69.99	10.34	3.42E+01	4.90E+00	4.78E+00	1.18E+00	4.78E+00	1.18E+00	4.78E+00	1.18E+00
793 Gridded	5.30E-01	9.68E-02	89.70	9.51	4.38E+01	4.60E+00	6.96E+00	1.15E+00	6.96E+00	1.15E+00	6.96E+00	1.15E+00

794	Gridded	5.33E-01	7.69E-02	99.13	8.35	4.84E+01	3.91E+00	7.19E+00	9.26E-01	7.19E+00	9.26E-01	7.19E+00	9.26E-01
795	Gridded	6.12E-01	9.20E-02	93.90	7.80	4.61E+01	3.69E+00	7.96E+00	1.01E+00	7.96E+00	1.01E+00	7.96E+00	1.01E+00
796	Gridded	6.67E-01	1.26E-01	73.05	9.99	3.60E+01	4.70E+00	8.02E+00	1.35E+00	8.02E+00	1.35E+00	8.02E+00	1.35E+00
797	Gridded	5.34E-01	1.03E-01	56.83	11.69	2.67E+01	5.55E+00	5.68E+00	1.26E+00	5.68E+00	1.26E+00	5.68E+00	1.26E+00
798	Gridded	4.49E-01	9.84E-02	61.71	12.01	2.79E+01	5.75E+00	5.61E+00	1.21E+00	5.61E+00	1.21E+00	5.61E+00	1.21E+00
799	Gridded	4.77E-01	9.65E-02	64.46	11.65	2.93E+01	5.58E+00	5.95E+00	1.19E+00	5.95E+00	1.19E+00	5.95E+00	1.19E+00
800	Gridded	7.36E-01	7.68E-02	56.06	10.36	2.67E+01	5.02E+00	7.44E+00	9.69E-01	7.44E+00	9.69E-01	7.44E+00	9.69E-01
801	Gridded	4.86E-01	6.60E-02	77.05	7.99	3.74E+01	3.85E+00	6.36E+00	8.15E-01	6.36E+00	8.15E-01	6.36E+00	8.15E-01
802	Gridded	4.67E-01	6.31E-02	77.10	7.52	3.82E+01	3.55E+00	6.19E+00	7.44E-01	6.19E+00	7.44E-01	6.19E+00	7.44E-01
803	Gridded	3.63E-01	6.92E-02	74.51	8.05	3.73E+01	3.67E+00	4.65E+00	8.40E-01	4.65E+00	8.40E-01	4.65E+00	8.40E-01
804	Gridded	3.88E-01	7.04E-02	51.68	9.89	2.59E+01	4.71E+00	4.62E+00	8.92E-01	4.62E+00	8.92E-01	4.62E+00	8.92E-01
805	Gridded	4.48E-01	7.47E-02	61.57	12.42	2.99E+01	6.08E+00	5.67E+00	9.89E-01	5.67E+00	9.89E-01	5.67E+00	9.89E-01
806	Gridded	4.26E-01	6.37E-02	56.53	12.41	2.79E+01	6.14E+00	4.53E+00	8.81E-01	4.53E+00	8.81E-01	4.53E+00	8.81E-01
807	Gridded	4.43E-01	7.87E-02	56.27	9.20	2.77E+01	4.55E+00	4.66E+00	9.22E-01	4.66E+00	9.21E-01	4.66E+00	9.21E-01
808	Gridded	3.82E-01	9.38E-02	67.63	10.97	3.37E+01	5.13E+00	4.90E+00	1.12E+00	4.90E+00	1.12E+00	4.90E+00	1.12E+00
809	Gridded	4.64E-01	1.06E-01	67.93	13.09	3.36E+01	6.21E+00	5.44E+00	1.27E+00	5.44E+00	1.27E+00	5.44E+00	1.27E+00
810	Gridded	5.12E-01	1.08E-01	71.10	14.82	3.46E+01	7.09E+00	6.45E+00	1.35E+00	6.45E+00	1.35E+00	6.45E+00	1.35E+00
811	Gridded	5.38E-01	1.06E-01	83.42	16.12	4.11E+01	7.56E+00	6.71E+00	1.37E+00	6.71E+00	1.37E+00	6.71E+00	1.37E+00
812	Gridded	3.27E-01	6.46E-02	48.90	9.89	2.29E+01	4.83E+00	4.18E+00	8.12E-01	4.18E+00	8.12E-01	4.18E+00	8.12E-01
813	Gridded	3.30E-01	6.75E-02	43.84	10.78	2.16E+01	5.15E+00	4.16E+00	8.81E-01	4.16E+00	8.81E-01	4.16E+00	8.81E-01
814	Gridded	3.72E-01	7.16E-02	50.56	11.31	2.48E+01	5.40E+00	4.71E+00	9.32E-01	4.71E+00	9.32E-01	4.71E+00	9.32E-01
815	Gridded	3.72E-01	7.60E-02	49.00	11.48	2.38E+01	5.47E+00	4.68E+00	9.79E-01	4.68E+00	9.79E-01	4.68E+00	9.79E-01
816	Gridded	3.09E-01	7.90E-02	36.96	11.32	1.83E+01	5.39E+00	3.80E+00	1.01E+00	3.80E+00	1.01E+00	3.80E+00	1.01E+00
817	Gridded	2.45E-01	7.94E-02	36.98	11.25	1.83E+01	5.31E+00	3.05E+00	1.01E+00	3.05E+00	1.01E+00	3.05E+00	1.01E+00
818	Gridded	2.37E-01	7.95E-02	35.72	10.90	1.77E+01	5.26E+00	2.95E+00	1.00E+00	2.95E+00	9.99E-01	2.95E+00	9.99E-01
819	Gridded	3.12E-01	7.49E-02	47.59	11.15	2.33E+01	5.40E+00	4.05E+00	9.43E-01	4.05E+00	9.43E-01	4.05E+00	9.43E-01
820	Gridded	4.44E-01	7.11E-02	61.99	10.64	3.03E+01	5.18E+00	5.64E+00	9.18E-01	5.64E+00	9.18E-01	5.64E+00	9.18E-01
821	Gridded	6.11E-01	8.59E-02	64.03	9.81	3.13E+01	4.78E+00	7.11E+00	9.61E-01	7.10E+00	9.61E-01	7.10E+00	9.61E-01
822	Gridded	8.40E-01	1.01E-01	66.96	11.60	3.05E+01	5.52E+00	9.64E+00	1.23E+00	9.64E+00	1.23E+00	9.64E+00	1.23E+00
823	Gridded	7.65E-01	1.11E-01	57.65	12.67	2.75E+01	6.02E+00	8.29E+00	1.35E+00	8.29E+00	1.35E+00	8.29E+00	1.35E+00
824	Gridded	4.31E-01	1.07E-01	79.19	12.22	3.85E+01	5.82E+00	5.07E+00	1.28E+00	5.07E+00	1.28E+00	5.07E+00	1.28E+00
825	Gridded	5.28E-01	1.00E-01	100.23	10.28	4.88E+01	4.91E+00	6.63E+00	1.17E+00	6.63E+00	1.17E+00	6.63E+00	1.17E+00
826	Gridded	6.13E-01	7.61E-02	109.78	8.66	5.35E+01	4.02E+00	8.27E+00	9.23E-01	8.27E+00	9.23E-01	8.27E+00	9.23E-01
827	Gridded	6.65E-01	1.24E-01	95.32	9.33	4.68E+01	4.37E+00	8.52E+00	1.33E+00	8.52E+00	1.33E+00	8.52E+00	1.33E+00
828	Gridded	5.30E-01	1.14E-01	58.74	12.24	2.91E+01	5.76E+00	6.22E+00	1.38E+00	6.22E+00	1.38E+00	6.22E+00	1.38E+00
829	Gridded	5.17E-01	1.15E-01	59.38	13.09	2.80E+01	6.22E+00	6.29E+00	1.40E+00	6.29E+00	1.40E+00	6.29E+00	1.40E+00
830	Gridded	4.96E-01	1.19E-01	64.96	13.02	2.82E+01	6.19E+00	6.10E+00	1.44E+00	6.10E+00	1.44E+00	6.10E+00	1.44E+00
831	Gridded	6.13E-01	9.42E-02	56.23	11.67	2.74E+01	5.61E+00	6.19E+00	1.17E+00	6.19E+00	1.17E+00	6.19E+00	1.17E+00
832	Gridded	5.04E-01	7.44E-02	82.11	8.66	3.98E+01	4.17E+00	6.64E+00	9.12E-01	6.64E+00	9.12E-01	6.64E+00	9.12E-01
833	Gridded	4.78E-01	7.16E-02	80.86	7.98	4.02E+01	3.69E+00	6.14E+00	8.40E-01	6.14E+00	8.40E-01	6.14E+00	8.40E-01
834	Gridded	4.09E-01	7.63E-02	70.44	8.86	3.53E+01	4.06E+00	4.87E+00	9.26E-01	4.87E+00	9.26E-01	4.87E+00	9.26E-01
835	Gridded	5.57E-01	8.45E-02	63.81	11.90	3.02E+01	5.72E+00	6.77E+00	1.07E+00	6.77E+00	1.07E+00	6.77E+00	1.07E+00
836	Gridded	4.89E-01	7.81E-02	78.19	13.86	3.84E+01	6.81E+00	6.18E+00	1.05E+00	6.18E+00	1.05E+00	6.18E+00	1.05E+00
837	Gridded	4.37E-01	8.50E-02	60.60	11.70	2.96E+01	5.78E+00	4.95E+00	9.49E-01	4.95E+00	9.48E-01	4.95E+00	9.48E-01
838	Gridded	4.58E-01	1.05E-01	72.31	10.92	3.58E+01	5.30E+00	5.86E+00	1.20E+00	5.86E+00	1.20E+00	5.86E+00	1.20E+00
839	Gridded	4.31E-01	1.13E-01	69.35	12.77	3.41E+01	6.00E+00	5.67E+00	1.35E+00	5.67E+00	1.35E+00	5.67E+00	1.35E+00
840	Gridded	4.96E-01	1.11E-01	70.25	16.10	3.44E+01	7.67E+00	6.11E+00	1.39E+00	6.11E+00	1.39E+00	6.11E+00	1.39E+00
841	Gridded	5.35E-01	1.07E-01	83.47	16.22	4.13E+01	7.77E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00
842	Gridded	4.69E-01	1.15E-01	85.06	18.59	4.22E+01	8.91E+00	6.37E+00	1.41E+00	6.37E+00	1.41E+00	6.37E+00	1.41E+00
843	Gridded	6.23E-01	6.94E-02	95.54	11.03	4.69E+01	5.43E+00	8.09E+00	8.67E-01	8.09E+00	8.67E-01	8.09E+00	8.67E-01
844	Gridded	5.72E-01	7.30E-02	79.89	11.41	3.90E+01	5.60E+00	7.26E+00	9.13E-01	7.26E+00	9.12E-01	7.26E+00	9.12E-01
845	Gridded	5.06E-01	7.38E-02	64.34	11.31	3.10E+01	5.53E+00	6.29E+00	9.22E-01	6.29E+00	9.22E-01	6.29E+00	9.22E-01
846	Gridded	4.02E-01	7.47E-02	46.54	11.48	2.20E+01	5.48E+00	4.89E+00	9.50E-01	4.89E+00	9.49E-01	4.89E+00	9.49E-01
847	Gridded	2.90E-01	7.95E-02	41.21	12.26	2.02E+01	5.84E+00	3.71E+00	1.03E+00	3.71E+00	1.03E+00	3.71E+00	1.03E+00
848	Gridded	3.02E-01	8.54E-02	39.69	12.64	1.96E+01	6.01E+00	3.80E+00	1.09E+00	3.80E+00	1.09E+00	3.80E+00	1.09E+00
849	Gridded	2.82E-01	9.11E-02	41.04	12.40	2.03E+01	5.89E+00	3.46E+00	1.14E+00	3.46E+00	1.14E+00	3.46E+00	1.14E+00
850	Gridded	2.73E-01	9.71E-02	40.40	12.35	1.99E+01	5.91E+00	3.49E+00	1.20E+00	3.49E+00	1.20E+00	3.49E+00	1.20E+00
851	Gridded	3.09E-01	9.87E-02	44.91	13.53	2.21E+01	6.55E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00
852	Gridded	4.72E-01	9.58E-02	59.31	13.85	2.88E+01	6.73E+00	5.87E+00	1.23E+00	5.87E+00	1.23E+00	5.87E+00	1.23E+00
853	Gridded	5.94E-01	9.06E-02	64.52	12.88	3.12E+01	6.25E+00	7.18E+00	1.13E+00	7.18E+00	1.13E+00	7.18E+00	1.13E+00
854	Gridded	8.35E-01	1.25E-01	58.70	14.06	2.81E+01	6.71E+00	9.07E+00	1.52E+00	9.07E+00	1.52E+00	9.07E+00	1.52E+00
855	Gridded	8.27E-01	1.47E-01	62.64	15.68	3.05E+01	7.46E+00	8.55E+00	1.77E+00	8.55E+00	1.77E+00	8.55E+00	1.77E+00
856	Gridded	4.89E-01	1.32E-01	93.70	14.40	4.54E+01	6.83E+00	5.47E+00	1.59E+00	5.47E+00	1.59E+00	5.47E+00	1.59E+00
857	Gridded	5.61E-01	1.09E-01	119.97	11.23	5.80E+01	5.29E+00	7.43E+00	1.30E+00	7.43E+00	1.30E+00	7.43E+00	1.30E+00
858	Gridded	6.42E-01	8.57E-02	117.12	8.79	5.69E+01	3.96E+00	8.69E+00	1.01E+00	8.69E+00	1.01E+00	8.69E+00	1.01E+00
859	Gridded	5.82E-01	1.40E-01	77.32	11.97	3.81E+01	5.58E+00	7.34E+00	1.48E+00	7.34E+00	1.48E+00	7.34E+00	1.48E+00
860	Gridded	5.94E-01	1.36E-01	67.74	14.35	3.08E+01	6.73E+00	7.18E+00	1.63E+00	7.18E+00	1.63E+00	7.18E+00	1.63E+00
861	Gridded	5.45E-01	1.46E-01	61.89	15.24	2.68E+01	7.18E+00	6.40E+00	1.74E+00	6.40E+00	1.74E+00	6.40E+00	1.74E+00
862	Gridded	5.46E-01	1.20E-01	60.55	14.08	2.87E+01	6.72E+00	6.61E+00	1.46E+00	6.61E+00	1.46E+00	6.61E+00	1.46E+00
863	Gridded	5.11E-01	7.82E-02	80.39	9.74	3.91E+01	4.72E+00	6.67E+00	9.54E-01	6.67E+00	9.54E-01	6.67E+00	9.54E-01
864	Gridded	5.29E-01	8.54E-02	74.26	8.58	3.71E+01	4.07E+00	6.20E+00	9.90E-01	6.20E+00	9.90E-01	6.20E+00	9.90E-01
865	Gridded	5.06E-01	9.10E-02	55.53	10.28	2.78E+01	4.88E+00	5.84E+00	1.11E+00	5.84E+00	1.11E+00	5.84E+00	1.11E+00
866	Gridded	6.66E-01	9.47E-02	94.53	14.33	4.59E+01	6.94E+00	8.49E+00	1.22E+00	8.49E+00	1.22E+00	8.49E+00	1.22E+00
867	Gridded	4.68E-01	8.99E-02	82.05	14.11	4.08E+01	6.96E+00	5.61E+00	1.03E+00	5.61E+00	1.03E+00	5.61E+00	1.03E+00
868	Gridded	5.26E-01	1.14E-01	77.05	11.88	3.80E+01	5.73E+00	6.66E+00	1.30E+00	6.66E+00	1.30E+00	6.66E+00	1.30E+00
869	Gridded	4.96E-01	1.20E-01	83.58	13.46	4.11E+01	6.57E+00	6.60E+00	1.42E+00	6.60E+00	1.42E+00	6.60E+00	1.42E+00
870	Gridded	6.08E-01	1.25E-01	77.06	16.37	3.81E+01	7.74E+00	6.14E+00	1.49E+00	6.14E+00	1.49E+00	6.14E+00	1.49E+00
871	Gridded	4.99E-01	1.30E-01	74.57	17.40	3.71E+01	8.37E+00	5.69E+00	1.56E+00	5.69E+00	1.56E+00	5.69E+00	1.56E+00
872	Gridded	4.40E-01	1.41E-01	74.99	18.21	3.73E+01	8.77E+00	5.86E+00	1.61E+00	5.86E+00	1.61E+00	5.86E+00	1.61E+00
873	Gridded	4.87E-01	1.44E-01	63.89	21.60	3.13E+01	1.06E+01	6.12E+00	1.79E+00	6.12E+00	1.79E+00	6.12E+00	1.79E+00
874	Gridded	4.46E-01	7.26E-02	78.09	10.26	3.88E+01	5.08E+00	6.00E+00	8.75E-01	6.00E+00	8.74E-01	6.00E+00	8.74E-01
875	Gridded	4.53E-01	6.92E-02	77.80	11.43	3.86E+01	5.65E+00	6.07E+00	8.68E-01	6.07E+00	8.68E-01	6.07E+00	8.68E-01
876	Gridded	4.82E-01	7.55E-02	79.34	12.38	3.93E+01	6.11E+00	6.37E+00	9.46E-01	6.37E+00	9.46E-01	6.37E+00	9.46E-01
877	Gridded	4.81E-01	8.26E-02	74.04	12.99	3.65E+01	6.38E+00	6.26E+00	1.03E+00	6.26E+00	1.03E+00	6.26E+00	1.03E+00
878	Gridded	4.65E-01	8.78E-02	65.34	13.12	3.21E+01	6.41E+00	5.92E+00	1.09E+00	5.92E+00	1.09E+00	5.92E+00	1.09E+00
879	Gridded	4.40E-01	8.93E-02	55.15	12.95	2.68E+01	6.20E+00	5.46E+00	1.09E+00	5.46E+00	1.09E+00	5.46E+00	1.09E+00
880	Gridded	3.78E-01	9.04E-02	41.82	13.77	2.07E+01	6.55E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00
881	Gridded	3.42E-01	1.06E-01	44.90	14.02	2.22E+01	6.62E+00	3.96E+00	1.31E+00	3.96E+00	1.31E+00	3.96E+00	1.31E+00
882	Gridded	3.60E-01	1.19E-01	52.26	15.14	2.57E+01	7.12E+00	4.51E+00	1.47E+00	4.51E+00	1.47E+00	4.51E+00	1.47E+00
883	Gridded	3.86E-01	1.27E-01	54.95	16.82	2.72E+01	8.18E+00	4.79E+00	1.57E+00	4.79E+00	1.57E+00	4.79E+00	1.57E+00
884	Gridded	4.25E-01	1.28E-01	54.17	17.75	2.68E+01	8.63E+00	5.25E+00	1.58E+00	5.25E+00	1.58E+00	5.25E+00	1.58E+00
885	Gridded	5.63E-01	1.17E-01	60.29	16.67	2.94E+01	8.07E+00	6.72E+00	1.49E+00	6.72E+00	1.49E+00	6.72E+00	1.49E+00
886	Gridded	6.84E-01	1.42E-01	57.40	16.47	2.75E+01	7.87E+00	7.17E+00	1.74E+00	7.16E+00	1.74E+00	7.16E+00	1.74E+00
887	Gridded	8.75E-01	1.90E-01	71.44	18.14	3.45E+01	8.54E+00	8.86E+00	2.25E+00	8.86E+00	2.25E+00	8.86E+00	2.25E+00
888	Gridded	5.73E-01	1.76E-01	108.52	16.85	5.20E+01	7.84E+00	6.58E+00	2.08E+00	6.58E+00	2.08E+00	6.58E+00	2.08E+00
889	Gridded	5.73E-01	1.41E-01	123.04	12.76	5.88E+01	5.90E+00	7.68E+00	1.65E+00	7.68E+00	1.65E+00	7.68E+00	1.65E+00
890	Gridded	6.17E-01	9.35E-02	96.73	10.21	4.72E+01	4.72E+00	8.05E+00	1.06E+00	8.05E+00	1.06E+00	8.05E+00	1.06E+00
891	Gridded	5.70E-01	1.28E-01	65.32	14.47	2.81E+01	6.62E+00	6.67E+00	1.55E+00	6.67E+00	1.55E+00	6.67E+00	1.55E+00
892	Gridded	6.29E-01	1.55E-01	66.14	17.10	3.00E+01	7.86E+00	7.45E+00	1.87E+00	7.45E+00	1.87E+00	7.45E+00	1.87E+00
893	Gridded	6.71E-01	1.44E-01	73.15	16.51	3.36E+01	7.72E+00	8.06E+00	1.75E+00	8.06E+00	1.75E+00	8.06E+00	1.75E+00
894	Gridded	6.12E-01	8.96E-02	81.98	10.80	4.04E+01	4.93E+00	7.36E+00	1.06E+00	7.36E+00	1.06E+00	7.36E+00	1.06E+00
895	Gridded	5.66E-01	1.10E-01	67.60	10.26	3.39E+01	4.81E+00	6.71E+00	1.28E+00	6.71E+00	1.28E+00	6.71E+00	1.28E+00

896	Gridded	6.16E-01	1.14E-01	70.07	13.49	3.28E+01	6.40E+00	7.43E+00	1.39E+00	7.43E+00	1.39E+00	7.43E+00	1.39E+00
897	Gridded	5.67E-01	1.03E-01	112.67	15.90	5.59E+01	7.78E+00	7.89E+00	1.23E+00	7.89E+00	1.23E+00	7.89E+00	1.23E+00
898	Gridded	6.95E-01	1.24E-01	86.17	13.55	4.16E+01	6.43E+00	8.60E+00	1.44E+00	8.60E+00	1.44E+00	8.60E+00	1.44E+00
899	Gridded	6.11E-01	1.30E-01	98.45	15.32	4.84E+01	7.43E+00	8.03E+00	1.50E+00	8.03E+00	1.50E+00	8.03E+00	1.50E+00
900	Gridded	6.88E-01	1.49E-01	88.04	15.84	4.36E+01	7.43E+00	6.94E+00	1.75E+00	6.94E+00	1.75E+00	6.94E+00	1.75E+00
901	Gridded	3.66E-01	1.60E-01	71.98	20.53	3.57E+01	9.82E+00	4.69E+00	1.82E+00	4.69E+00	1.82E+00	4.69E+00	1.82E+00
902	Gridded	4.80E-01	1.67E-01	77.92	20.70	3.89E+01	9.94E+00	6.05E+00	2.01E+00	6.05E+00	2.01E+00	6.05E+00	2.01E+00
903	Gridded	5.24E-01	1.65E-01	72.75	26.74	3.62E+01	1.27E+01	6.53E+00	2.12E+00	6.53E+00	2.12E+00	6.53E+00	2.12E+00
904	Gridded	5.37E-01	1.74E-01	81.19	32.86	4.00E+01	1.60E+01	6.97E+00	2.23E+00	6.97E+00	2.23E+00	6.97E+00	2.23E+00
905	Gridded	4.34E-01	7.87E-02	46.36	10.35	2.29E+01	4.86E+00	4.58E+00	9.80E-01	4.58E+00	9.80E-01	4.58E+00	9.80E-01
906	Gridded	4.48E-01	8.25E-02	46.37	10.87	2.29E+01	5.11E+00	4.71E+00	1.01E+00	4.71E+00	1.01E+00	4.71E+00	1.01E+00
907	Gridded	4.23E-01	8.48E-02	47.51	11.27	2.35E+01	5.30E+00	4.46E+00	1.03E+00	4.46E+00	1.03E+00	4.46E+00	1.03E+00
908	Gridded	3.92E-01	8.35E-02	49.85	12.29	2.46E+01	6.08E+00	4.11E+00	1.04E+00	4.11E+00	1.04E+00	4.11E+00	1.04E+00
909	Gridded	3.49E-01	8.36E-02	49.01	13.80	2.43E+01	6.81E+00	4.39E+00	1.04E+00	4.39E+00	1.04E+00	4.39E+00	1.04E+00
910	Gridded	3.66E-01	9.14E-02	50.94	14.87	2.53E+01	7.32E+00	4.49E+00	1.15E+00	4.49E+00	1.15E+00	4.49E+00	1.15E+00
911	Gridded	3.57E-01	1.03E-01	52.02	15.28	2.58E+01	7.47E+00	4.32E+00	1.27E+00	4.32E+00	1.27E+00	4.32E+00	1.27E+00
912	Gridded	3.48E-01	1.14E-01	50.32	14.97	2.46E+01	7.25E+00	4.27E+00	1.36E+00	4.27E+00	1.36E+00	4.27E+00	1.36E+00
913	Gridded	3.98E-01	1.24E-01	53.52	15.13	2.65E+01	7.14E+00	4.68E+00	1.47E+00	4.68E+00	1.47E+00	4.68E+00	1.47E+00
914	Gridded	4.04E-01	1.29E-01	61.01	16.06	3.01E+01	7.65E+00	5.07E+00	1.55E+00	5.07E+00	1.55E+00	5.07E+00	1.55E+00
915	Gridded	4.36E-01	1.42E-01	55.22	18.12	2.69E+01	8.79E+00	5.29E+00	1.77E+00	5.29E+00	1.77E+00	5.29E+00	1.77E+00
916	Gridded	4.12E-01	1.56E-01	54.18	20.29	2.68E+01	9.85E+00	4.90E+00	1.90E+00	4.90E+00	1.90E+00	4.90E+00	1.90E+00
917	Gridded	4.53E-01	1.49E-01	58.03	19.39	2.85E+01	9.30E+00	5.29E+00	1.87E+00	5.29E+00	1.87E+00	5.29E+00	1.87E+00
918	Gridded	5.35E-01	1.49E-01	67.92	19.47	3.25E+01	9.30E+00	6.35E+00	1.87E+00	6.35E+00	1.87E+00	6.35E+00	1.87E+00
919	Gridded	8.05E-01	2.41E-01	80.32	23.32	3.89E+01	1.09E+01	8.13E+00	2.85E+00	8.13E+00	2.85E+00	8.13E+00	2.85E+00
920	Gridded	6.38E-01	2.26E-01	117.42	20.24	5.54E+01	9.12E+00	7.14E+00	2.63E+00	7.14E+00	2.63E+00	7.14E+00	2.63E+00
921	Gridded	5.84E-01	1.66E-01	119.25	12.91	5.72E+01	5.66E+00	7.83E+00	1.89E+00	7.83E+00	1.89E+00	7.83E+00	1.89E+00
922	Gridded	6.40E-01	9.35E-02	63.28	11.54	2.98E+01	5.11E+00	7.50E+00	1.13E+00	7.50E+00	1.13E+00	7.50E+00	1.13E+00
923	Gridded	6.43E-01	1.48E-01	71.14	16.27	3.21E+01	7.23E+00	7.72E+00	1.77E+00	7.72E+00	1.77E+00	7.72E+00	1.77E+00
924	Gridded	6.61E-01	1.54E-01	72.14	16.87	3.20E+01	7.69E+00	7.90E+00	1.85E+00	7.90E+00	1.85E+00	7.90E+00	1.85E+00
925	Gridded	6.29E-01	1.05E-01	80.53	10.66	4.01E+01	4.71E+00	7.43E+00	1.22E+00	7.43E+00	1.22E+00	7.43E+00	1.22E+00
926	Gridded	5.38E-01	1.27E-01	65.79	11.91	3.24E+01	5.21E+00	6.35E+00	1.48E+00	6.35E+00	1.48E+00	6.35E+00	1.48E+00
927	Gridded	5.04E-01	1.16E-01	87.45	15.44	4.31E+01	7.33E+00	6.68E+00	1.45E+00	6.68E+00	1.45E+00	6.68E+00	1.45E+00
928	Gridded	8.07E-01	1.52E-01	90.67	15.21	4.34E+01	7.41E+00	9.79E+00	1.80E+00	9.79E+00	1.80E+00	9.79E+00	1.80E+00
929	Gridded	8.05E-01	1.61E-01	132.79	19.22	6.55E+01	9.25E+00	1.07E+01	1.78E+00	1.07E+01	1.78E+00	1.07E+01	1.78E+00
930	Gridded	5.40E-01	1.92E-01	114.70	18.23	5.70E+01	8.92E+00	7.67E+00	2.21E+00	7.67E+00	2.21E+00	7.67E+00	2.21E+00
931	Gridded	4.33E-01	1.57E-01	76.86	22.00	3.83E+01	1.05E+01	5.46E+00	1.99E+00	5.46E+00	1.99E+00	5.46E+00	1.99E+00
932	Gridded	4.55E-01	1.75E-01	74.51	21.45	3.70E+01	1.03E+01	5.59E+00	2.06E+00	5.59E+00	2.06E+00	5.59E+00	2.06E+00
933	Gridded	4.98E-01	1.69E-01	78.17	31.19	3.90E+01	1.50E+01	6.12E+00	2.29E+00	6.12E+00	2.29E+00	6.12E+00	2.29E+00
934	Gridded	5.51E-01	1.56E-01	82.02	37.94	4.03E+01	1.87E+01	6.88E+00	2.18E+00	6.88E+00	2.18E+00	6.88E+00	2.18E+00
935	Gridded	5.87E-01	1.41E-01	88.61	35.89	4.37E+01	1.78E+01	7.52E+00	1.97E+00	7.51E+00	1.97E+00	7.51E+00	1.97E+00
936	Gridded	4.13E-01	7.80E-02	45.83	10.45	2.24E+01	5.08E+00	4.20E+00	9.58E-01	4.20E+00	9.58E-01	4.20E+00	9.58E-01
937	Gridded	3.62E-01	8.24E-02	45.45	10.98	2.21E+01	5.32E+00	4.04E+00	1.02E+00	4.04E+00	1.02E+00	4.04E+00	1.02E+00
938	Gridded	3.58E-01	8.76E-02	47.93	11.32	2.38E+01	5.45E+00	4.03E+00	1.09E+00	4.03E+00	1.09E+00	4.03E+00	1.09E+00
939	Gridded	3.59E-01	9.25E-02	50.11	11.82	2.48E+01	5.55E+00	3.97E+00	1.15E+00	3.97E+00	1.15E+00	3.97E+00	1.15E+00
940	Gridded	3.76E-01	9.77E-02	50.20	12.50	2.48E+01	5.87E+00	4.28E+00	1.21E+00	4.28E+00	1.21E+00	4.28E+00	1.21E+00
941	Gridded	3.77E-01	1.01E-01	50.37	12.87	2.49E+01	6.23E+00	4.55E+00	1.25E+00	4.55E+00	1.25E+00	4.55E+00	1.25E+00
942	Gridded	3.95E-01	1.05E-01	52.58	14.66	2.59E+01	7.24E+00	4.57E+00	1.29E+00	4.57E+00	1.29E+00	4.57E+00	1.29E+00
943	Gridded	4.39E-01	1.13E-01	55.44	16.51	2.74E+01	8.13E+00	4.94E+00	1.36E+00	4.94E+00	1.36E+00	4.94E+00	1.36E+00
944	Gridded	4.07E-01	1.20E-01	60.54	17.30	2.99E+01	8.44E+00	4.79E+00	1.41E+00	4.79E+00	1.41E+00	4.79E+00	1.41E+00
945	Gridded	4.19E-01	1.31E-01	65.04	17.14	3.18E+01	8.23E+00	5.07E+00	1.63E+00	5.07E+00	1.63E+00	5.07E+00	1.63E+00
946	Gridded	4.30E-01	1.58E-01	55.76	17.82	2.75E+01	8.33E+00	5.33E+00	1.91E+00	5.33E+00	1.91E+00	5.33E+00	1.91E+00
947	Gridded	4.29E-01	1.65E-01	57.50	17.56	2.84E+01	8.52E+00	5.07E+00	1.95E+00	5.07E+00	1.95E+00	5.07E+00	1.95E+00
948	Gridded	4.57E-01	1.57E-01	58.98	19.85	2.92E+01	9.65E+00	5.57E+00	1.94E+00	5.57E+00	1.94E+00	5.57E+00	1.94E+00
949	Gridded	4.96E-01	1.73E-01	64.33	21.32	3.20E+01	1.01E+01	5.25E+00	2.09E+00	5.25E+00	2.09E+00	5.25E+00	2.09E+00
950	Gridded	6.09E-01	1.98E-01	77.69	22.50	3.78E+01	1.08E+01	6.71E+00	2.31E+00	6.71E+00	2.31E+00	6.71E+00	2.31E+00
951	Gridded	5.19E-01	2.06E-01	82.86	26.18	4.01E+01	1.20E+01	6.46E+00	2.54E+00	6.46E+00	2.54E+00	6.46E+00	2.54E+00
952	Gridded	5.62E-01	2.24E-01	124.45	19.34	5.90E+01	8.09E+00	6.71E+00	2.57E+00	6.71E+00	2.57E+00	6.71E+00	2.57E+00
953	Gridded	5.44E-01	1.45E-01	76.92	8.40	3.77E+01	3.53E+00	6.55E+00	1.59E+00	6.55E+00	1.59E+00	6.55E+00	1.59E+00
954	Gridded	6.11E-01	1.14E-01	63.56	11.98	2.74E+01	4.88E+00	7.18E+00	1.33E+00	7.18E+00	1.33E+00	7.18E+00	1.33E+00
955	Gridded	6.47E-01	1.47E-01	61.93	13.44	2.79E+01	5.71E+00	7.59E+00	1.70E+00	7.59E+00	1.70E+00	7.59E+00	1.70E+00
956	Gridded	5.65E-01	9.90E-02	62.01	9.26	3.10E+01	4.13E+00	6.56E+00	1.14E+00	6.56E+00	1.14E+00	6.56E+00	1.14E+00
957	Gridded	5.22E-01	1.16E-01	62.85	11.79	3.05E+01	5.47E+00	6.10E+00	1.32E+00	6.10E+00	1.32E+00	6.10E+00	1.32E+00
958	Gridded	5.58E-01	1.53E-01	80.03	13.26	4.01E+01	6.34E+00	6.53E+00	1.73E+00	6.53E+00	1.73E+00	6.53E+00	1.73E+00
959	Gridded	9.03E-01	1.85E-01	155.93	22.58	7.75E+01	1.06E+01	1.21E+01	2.27E+00	1.21E+01	2.27E+00	1.21E+01	2.27E+00
960	Gridded	5.80E-01	2.01E-01	148.14	23.00	7.41E+01	1.12E+01	8.61E+00	2.31E+00	8.61E+00	2.31E+00	8.61E+00	2.31E+00
961	Gridded	4.74E-01	1.56E-01	90.41	23.74	4.53E+01	1.14E+01	5.83E+00	2.01E+00	5.83E+00	2.01E+00	5.83E+00	2.01E+00
962	Gridded	5.07E-01	1.62E-01	78.05	19.75	3.88E+01	9.57E+00	6.44E+00	1.97E+00	6.44E+00	1.97E+00	6.44E+00	1.97E+00
963	Gridded	6.30E-01	1.62E-01	78.51	32.89	3.91E+01	1.62E+01	6.36E+00	2.26E+00	6.36E+00	2.26E+00	6.36E+00	2.26E+00
964	Gridded	7.11E-01	1.34E-01	94.93	35.48	4.72E+01	1.76E+01	7.17E+00	1.91E+00	7.17E+00	1.91E+00	7.17E+00	1.91E+00
965	Gridded	5.63E-01	1.20E-01	92.05	28.93	4.53E+01	1.44E+01	7.26E+00	1.58E+00	7.26E+00	1.58E+00	7.26E+00	1.58E+00
966	Gridded	5.63E-01	1.11E-01	101.86	22.26	5.00E+01	1.05E+01	7.62E+00	1.48E+00	7.62E+00	1.48E+00	7.62E+00	1.48E+00
967	Gridded	3.33E-01	7.32E-02	43.80	10.12	2.15E+01	4.86E+00	3.76E+00	8.78E-01	3.76E+00	8.77E-01	3.76E+00	8.77E-01
968	Gridded	3.16E-01	7.86E-02	46.31	10.23	2.28E+01	4.90E+00	3.78E+00	9.49E-01	3.78E+00	9.48E-01	3.78E+00	9.48E-01
969	Gridded	3.14E-01	8.50E-02	48.25	10.31	2.37E+01	4.91E+00	4.01E+00	1.03E+00	4.01E+00	1.03E+00	4.01E+00	1.03E+00
970	Gridded	3.29E-01	9.21E-02	47.69	10.47	2.33E+01	5.10E+00	4.10E+00	1.12E+00	4.10E+00	1.12E+00	4.10E+00	1.12E+00
971	Gridded	3.46E-01	1.01E-01	47.47	11.39	2.32E+01	5.43E+00	4.29E+00	1.23E+00	4.29E+00	1.23E+00	4.29E+00	1.23E+00
972	Gridded	3.62E-01	1.06E-01	46.96	12.52	2.33E+01	5.95E+00	4.44E+00	1.30E+00	4.44E+00	1.30E+00	4.44E+00	1.30E+00
973	Gridded	3.79E-01	1.15E-01	52.55	13.68	2.60E+01	6.47E+00	4.52E+00	1.41E+00	4.52E+00	1.41E+00	4.52E+00	1.41E+00
974	Gridded	3.81E-01	1.28E-01	53.84	14.70	2.65E+01	6.91E+00	4.58E+00	1.55E+00	4.58E+00	1.55E+00	4.58E+00	1.55E+00
975	Gridded	3.95E-01	1.38E-01	52.81	15.16	2.62E+01	7.07E+00	4.84E+00	1.66E+00	4.84E+00	1.66E+00	4.84E+00	1.66E+00
976	Gridded	4.02E-01	1.46E-01	54.07	16.68	2.68E+01	8.21E+00	4.92E+00	1.74E+00	4.92E+00	1.74E+00	4.92E+00	1.74E+00
977	Gridded	4.31E-01	1.49E-01	55.36	19.93	2.75E+01	9.69E+00	5.10E+00	1.75E+00	5.10E+00	1.75E+00	5.10E+00	1.75E+00
978	Gridded	5.42E-01	1.52E-01	56.52	21.53	2.76E+01	1.03E+01	5.47E+00	1.87E+00	5.47E+00	1.87E+00	5.47E+00	1.87E+00
979	Gridded	5.48E-01	1.74E-01	59.51	21.00	2.93E+01	9.81E+00	5.54E+00	2.13E+00	5.54E+00	2.13E+00	5.54E+00	2.13E+00
980	Gridded	4.67E-01	1.86E-01	57.99	18.42	2.84E+01	8.96E+00	5.58E+00	2.17E+00	5.58E+00	2.17E+00	5.58E+00	2.17E+00
981	Gridded	4.43E-01	1.78E-01	59.58	19.33	2.93E+01	9.34E+00	5.18E+00	1.96E+00	5.18E+00	1.96E+00	5.18E+00	1.96E+00
982	Gridded	4.86E-01	1.80E-01	59.42	17.42	2.91E+01	8.43E+00	5.57E+00	1.92E+00	5.57E+00	1.92E+00	5.57E+00	1.92E+00
983	Gridded	4.75E-01	1.71E-01	75.72	18.57	3.72E+01	8.33E+00	5.48E+00	1.85E+00	5.48E+00	1.85E+00	5.48E+00	1.85E+00
984	Gridded	5.24E-01	1.75E-01	72.44	14.39	3.47E+01	5.21E+00	6.22E+00	1.96E+00	6.22E+00	1.96E+00	6.22E+00	1.96E+00
985	Gridded	5.56E-01	8.88E-02	65.86	9.04	2.82E+01	3.56E+00	6.70E+00	9.47E-01	6.70E+00	9.47E-01	6.70E+00	9.47E-01
986	Gridded	5.84E-01	1.04E-01	70.24	13.79	3.10E+01	5.69E+00	7.08E+00	1.28E+00	7.08E+00	1.28E+00	7.08E+00	1.28E+00
987	Gridded	4.98E-01	1.03E-01	62.62	9.39	3.04E+01	4.09E+00	6.07E+00	1.17E+00	6.07E+00	1.17E+00	6.07E+00	1.17E+00
988	Gridded	4.62E-01	1.20E-01	66.79	10.96	3.23E+01	4.97E+00	5.90E+00	1.28E+00	5.90E+00	1.28E+00	5.90E+00	1.28E+00
989	Gridded	6.09E-01	1.66E-01	103.94	18.68	5.18E+01	8.47E+00	8.14E+00	2.00E+00	8.14E+00	2.00E+00	8.14E+00	2.00E+00
990	Gridded	5.34E-01	1.39E-01	146.50	25.98	7.35E+01	1.27E+01	6.30E+00	1.89E+00	6.30E+00	1.89E+00	6.30E+00	1.89E+00
991	Gridded	4.62E-01	1.25E-01	78.81	20.06	3.94E+01	1.00E+01	5.77E+00	1.52E+00	5.77E+00	1.52E+00	5.77E+00	1.52E+00
992	Gridded	4.75E-01	1.07E-01	78.81	17.50	3.91E+01	8.54E+00	5.97E+00	1.38E+00	5.97E+00	1.38E+00	5.97E+00	1.38E+00
993	Gridded	5.32E-01	1.31E-01	80.71	28.09	4.02E+01	1.40E+01	6.66E+00	1.55E+00	6.66E+00	1.55E+00	6.66E+00	1.55E+00
994	Gridded	6.22E-01	1.34E-01	82.15	26.78	4.09E+01	1.34E+01	6.68E+00	1.68E+00	6.68E+00	1.68E+00	6.68E+00	1.68E+00
995	Gridded	7.64E-01	1.17E-01	85.25	18.94	4.26E+01	9.28E+00	7.71E+00	1.53E+00	7.71E+00	1.53E+00	7.71E+00	1.53E+00
996	Gridded	5.90E-01	1.08E-01	90.43	17.53	4.42E+01	8.47E+00	6.14E+00	1.29E+00	6.14E+00	1.29E+00	6.14E+00	1.29E+00
997	Gridded	5.70E-01	9.65E-02	90.46	16.79	4.44E+01	8.22E+00	6.61E+00	1.16E+00	6.61E+00	1.16E+00	6.61E+00	1.16E+00

998	Gridded	3.17E-01	6.94E-02	45.52	10.59	2.22E+01	5.11E+00	3.90E+00	8.72E-01	3.90E+00	8.72E-01	3.90E+00	8.72E-01
999	Gridded	3.25E-01	7.18E-02	46.12	11.00	2.26E+01	5.30E+00	4.14E+00	9.17E-01	4.14E+00	9.17E-01	4.14E+00	9.17E-01
1000	Gridded	3.36E-01	7.42E-02	45.63	11.40	2.22E+01	5.48E+00	4.21E+00	9.61E-01	4.21E+00	9.61E-01	4.21E+00	9.61E-01
1001	Gridded	3.43E-01	7.93E-02	44.45	12.01	2.20E+01	5.77E+00	4.21E+00	1.02E+00	4.21E+00	1.02E+00	4.21E+00	1.02E+00
1002	Gridded	3.53E-01	8.47E-02	47.10	12.66	2.33E+01	6.06E+00	4.26E+00	1.09E+00	4.26E+00	1.09E+00	4.26E+00	1.09E+00
1003	Gridded	3.60E-01	9.00E-02	49.01	13.20	2.42E+01	6.30E+00	4.32E+00	1.15E+00	4.32E+00	1.15E+00	4.32E+00	1.15E+00
1004	Gridded	3.76E-01	9.64E-02	52.75	13.42	2.61E+01	6.36E+00	4.40E+00	1.22E+00	4.40E+00	1.22E+00	4.40E+00	1.22E+00
1005	Gridded	3.78E-01	1.04E-01	53.93	13.68	2.65E+01	6.43E+00	4.71E+00	1.30E+00	4.71E+00	1.30E+00	4.71E+00	1.30E+00
1006	Gridded	3.98E-01	1.10E-01	52.47	14.47	2.59E+01	6.97E+00	4.77E+00	1.35E+00	4.77E+00	1.35E+00	4.77E+00	1.35E+00
1007	Gridded	3.99E-01	1.16E-01	52.38	15.92	2.54E+01	7.63E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00
1008	Gridded	4.14E-01	1.22E-01	51.51	17.16	2.52E+01	8.16E+00	5.06E+00	1.55E+00	5.06E+00	1.55E+00	5.06E+00	1.55E+00
1009	Gridded	4.93E-01	1.39E-01	54.41	17.40	2.69E+01	8.51E+00	5.19E+00	1.72E+00	5.19E+00	1.72E+00	5.19E+00	1.72E+00
1010	Gridded	5.40E-01	1.50E-01	61.98	21.27	3.08E+01	1.04E+01	5.45E+00	1.78E+00	5.45E+00	1.78E+00	5.45E+00	1.78E+00
1011	Gridded	5.57E-01	1.43E-01	59.57	22.30	2.93E+01	1.08E+01	5.62E+00	1.84E+00	5.62E+00	1.84E+00	5.62E+00	1.84E+00
1012	Gridded	5.80E-01	1.59E-01	53.62	18.92	2.63E+01	8.79E+00	5.85E+00	1.94E+00	5.85E+00	1.94E+00	5.85E+00	1.94E+00
1013	Gridded	5.28E-01	1.55E-01	50.87	14.47	2.52E+01	7.07E+00	5.36E+00	1.77E+00	5.36E+00	1.77E+00	5.36E+00	1.77E+00
1014	Gridded	4.30E-01	1.39E-01	59.65	16.15	2.94E+01	7.72E+00	4.93E+00	1.45E+00	4.93E+00	1.45E+00	4.93E+00	1.45E+00
1015	Gridded	3.91E-01	1.27E-01	63.50	17.64	3.10E+01	8.37E+00	4.98E+00	1.29E+00	4.98E+00	1.29E+00	4.98E+00	1.29E+00
1016	Gridded	4.04E-01	6.03E-02	71.48	9.66	3.31E+01	3.41E+00	4.39E+00	6.13E-01	4.39E+00	6.13E-01	4.39E+00	6.13E-01
1017	Gridded	3.91E-01	3.50E-02	74.81	12.87	3.38E+01	5.64E+00	4.31E+00	5.64E-01	4.31E+00	5.64E-01	4.31E+00	5.64E-01
1018	Gridded	3.34E-01	6.14E-02	75.16	9.94	3.70E+01	4.28E+00	4.09E+00	7.18E-01	4.09E+00	7.18E-01	4.09E+00	7.18E-01
1019	Gridded	3.58E-01	8.53E-02	78.82	12.53	3.95E+01	5.44E+00	3.92E+00	9.05E-01	3.92E+00	9.05E-01	3.92E+00	9.05E-01
1020	Gridded	5.11E-01	1.05E-01	89.96	23.80	4.51E+01	1.18E+01	6.07E+00	1.45E+00	6.07E+00	1.45E+00	6.07E+00	1.45E+00
1021	Gridded	5.14E-01	9.69E-02	83.64	16.78	4.19E+01	8.37E+00	5.92E+00	1.22E+00	5.92E+00	1.22E+00	5.92E+00	1.22E+00
1022	Gridded	4.87E-01	1.17E-01	75.82	15.15	3.79E+01	7.59E+00	5.57E+00	1.31E+00	5.57E+00	1.31E+00	5.57E+00	1.31E+00
1023	Gridded	4.69E-01	1.19E-01	70.19	14.50	3.52E+01	7.27E+00	5.43E+00	1.46E+00	5.43E+00	1.46E+00	5.43E+00	1.46E+00
1024	Gridded	4.86E-01	1.13E-01	65.64	17.44	3.28E+01	8.49E+00	5.80E+00	1.47E+00	5.80E+00	1.47E+00	5.80E+00	1.47E+00
1025	Gridded	6.07E-01	1.08E-01	83.93	17.89	4.19E+01	8.77E+00	6.91E+00	1.35E+00	6.91E+00	1.35E+00	6.91E+00	1.35E+00
1026	Gridded	7.39E-01	9.99E-02	94.71	16.00	4.65E+01	7.96E+00	7.46E+00	1.23E+00	7.46E+00	1.23E+00	7.46E+00	1.23E+00
1027	Gridded	6.36E-01	1.04E-01	100.24	16.33	4.86E+01	8.05E+00	7.73E+00	1.36E+00	7.73E+00	1.36E+00	7.73E+00	1.36E+00
1028	Gridded	6.65E-01	1.01E-01	110.44	18.10	5.39E+01	8.89E+00	7.72E+00	1.36E+00	7.72E+00	1.36E+00	7.72E+00	1.36E+00
1029	Gridded	3.16E-01	8.85E-02	41.62	9.75	2.05E+01	4.69E+00	3.74E+00	1.05E+00	3.74E+00	1.05E+00	3.74E+00	1.05E+00
1030	Gridded	3.26E-01	9.12E-02	44.55	10.09	2.21E+01	4.85E+00	3.89E+00	1.08E+00	3.89E+00	1.08E+00	3.89E+00	1.08E+00
1031	Gridded	3.28E-01	9.35E-02	46.60	10.52	2.31E+01	5.10E+00	3.92E+00	1.11E+00	3.92E+00	1.11E+00	3.92E+00	1.11E+00
1032	Gridded	3.26E-01	9.44E-02	47.29	11.25	2.34E+01	5.46E+00	3.85E+00	1.12E+00	3.85E+00	1.12E+00	3.85E+00	1.12E+00
1033	Gridded	3.28E-01	9.41E-02	48.44	12.08	2.39E+01	5.87E+00	3.82E+00	1.12E+00	3.82E+00	1.12E+00	3.82E+00	1.12E+00
1034	Gridded	3.32E-01	9.44E-02	49.57	13.01	2.44E+01	6.31E+00	3.95E+00	1.12E+00	3.95E+00	1.12E+00	3.95E+00	1.12E+00
1035	Gridded	3.40E-01	9.88E-02	51.40	13.86	2.53E+01	6.72E+00	4.34E+00	1.18E+00	4.34E+00	1.18E+00	4.34E+00	1.18E+00
1036	Gridded	3.64E-01	1.06E-01	51.28	15.00	2.53E+01	7.25E+00	4.62E+00	1.25E+00	4.62E+00	1.25E+00	4.62E+00	1.25E+00
1037	Gridded	3.84E-01	1.10E-01	49.34	15.89	2.44E+01	7.66E+00	4.75E+00	1.31E+00	4.75E+00	1.31E+00	4.75E+00	1.31E+00
1038	Gridded	4.03E-01	1.14E-01	55.11	16.54	2.73E+01	7.93E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00
1039	Gridded	4.13E-01	1.18E-01	58.43	16.98	2.88E+01	8.09E+00	4.88E+00	1.49E+00	4.88E+00	1.49E+00	4.88E+00	1.49E+00
1040	Gridded	4.35E-01	1.24E-01	61.50	16.85	3.04E+01	7.92E+00	5.21E+00	1.56E+00	5.21E+00	1.56E+00	5.21E+00	1.56E+00
1041	Gridded	4.45E-01	1.26E-01	59.78	15.88	2.94E+01	7.78E+00	5.56E+00	1.55E+00	5.56E+00	1.55E+00	5.56E+00	1.55E+00
1042	Gridded	4.60E-01	1.21E-01	52.81	15.34	2.57E+01	7.47E+00	5.48E+00	1.44E+00	5.48E+00	1.44E+00	5.48E+00	1.44E+00
1043	Gridded	4.32E-01	1.12E-01	50.76	16.15	2.48E+01	7.88E+00	4.83E+00	1.28E+00	4.83E+00	1.28E+00	4.83E+00	1.28E+00
1044	Gridded	4.05E-01	1.10E-01	54.18	19.31	2.66E+01	9.46E+00	4.96E+00	1.29E+00	4.96E+00	1.29E+00	4.96E+00	1.29E+00
1045	Gridded	3.72E-01	1.14E-01	68.64	19.11	3.41E+01	9.31E+00	4.72E+00	1.51E+00	4.72E+00	1.51E+00	4.72E+00	1.51E+00
1046	Gridded	3.92E-01	9.84E-02	74.14	16.07	3.72E+01	8.01E+00	4.53E+00	9.93E-01	4.53E+00	9.93E-01	4.53E+00	9.93E-01
1047	Gridded	4.09E-01	3.62E-02	66.72	13.60	3.35E+01	6.82E+00	4.75E+00	4.73E-01	4.75E+00	4.73E-01	4.75E+00	4.73E-01
1048	Gridded	4.03E-01	2.80E-02	61.10	8.71	3.06E+01	4.37E+00	4.69E+00	3.25E-01	4.69E+00	3.25E-01	4.69E+00	3.25E-01
1049	Gridded	3.74E-01	4.09E-02	82.79	8.88	4.15E+01	4.45E+00	4.37E+00	4.58E-01	4.37E+00	4.58E-01	4.37E+00	4.58E-01
1050	Gridded	3.77E-01	6.03E-02	83.06	21.85	4.16E+01	1.10E+01	4.09E+00	7.44E-01	4.09E+00	7.44E-01	4.09E+00	7.44E-01
1051	Gridded	3.86E-01	8.36E-02	94.78	15.44	4.75E+01	7.65E+00	4.93E+00	9.44E-01	4.93E+00	9.44E-01	4.93E+00	9.44E-01
1052	Gridded	6.04E-01	1.01E-01	75.62	13.94	3.79E+01	6.67E+00	6.09E+00	1.24E+00	6.09E+00	1.24E+00	6.09E+00	1.24E+00
1053	Gridded	6.39E-01	9.08E-02	63.45	13.93	3.16E+01	6.74E+00	6.44E+00	1.14E+00	6.44E+00	1.14E+00	6.44E+00	1.14E+00
1054	Gridded	6.07E-01	8.51E-02	74.47	12.69	3.71E+01	6.18E+00	6.13E+00	1.03E+00	6.13E+00	1.03E+00	6.13E+00	1.03E+00
1055	Gridded	6.31E-01	9.01E-02	102.69	12.59	5.07E+01	6.10E+00	6.98E+00	1.12E+00	6.98E+00	1.12E+00	6.98E+00	1.12E+00
1056	Gridded	6.46E-01	9.35E-02	127.62	17.36	6.33E+01	8.66E+00	7.58E+00	1.18E+00	7.58E+00	1.18E+00	7.58E+00	1.18E+00
1057	Gridded	5.58E-01	9.63E-02	133.03	21.72	6.61E+01	1.09E+01	7.31E+00	1.20E+00	7.31E+00	1.20E+00	7.31E+00	1.20E+00
1058	Gridded	4.62E-01	9.94E-02	132.69	22.32	6.60E+01	1.12E+01	6.86E+00	1.23E+00	6.86E+00	1.23E+00	6.86E+00	1.23E+00
1059	Gridded	4.45E-01	9.33E-02	123.05	19.89	6.12E+01	9.95E+00	6.15E+00	1.16E+00	6.15E+00	1.16E+00	6.15E+00	1.16E+00
1060	Gridded	5.60E-01	9.52E-02	46.80	13.18	2.30E+01	6.30E+00	5.65E+00	1.20E+00	5.65E+00	1.20E+00	5.65E+00	1.20E+00
1061	Gridded	5.02E-01	9.92E-02	48.99	13.45	2.41E+01	6.42E+00	5.07E+00	1.25E+00	5.07E+00	1.25E+00	5.07E+00	1.25E+00
1062	Gridded	4.15E-01	1.03E-01	49.82	13.77	2.45E+01	6.56E+00	4.30E+00	1.29E+00	4.30E+00	1.29E+00	4.30E+00	1.29E+00
1063	Gridded	3.43E-01	1.06E-01	49.70	13.99	2.44E+01	6.65E+00	4.26E+00	1.33E+00	4.26E+00	1.33E+00	4.26E+00	1.33E+00
1064	Gridded	3.47E-01	1.09E-01	50.22	14.13	2.47E+01	6.71E+00	4.26E+00	1.36E+00	4.26E+00	1.36E+00	4.26E+00	1.36E+00
1065	Gridded	3.52E-01	1.11E-01	50.43	14.24	2.47E+01	6.75E+00	4.30E+00	1.38E+00	4.30E+00	1.38E+00	4.30E+00	1.38E+00
1066	Gridded	3.62E-01	1.15E-01	51.52	14.47	2.53E+01	6.83E+00	4.52E+00	1.42E+00	4.52E+00	1.42E+00	4.52E+00	1.42E+00
1067	Gridded	3.64E-01	1.19E-01	50.77	14.78	2.49E+01	7.15E+00	4.63E+00	1.47E+00	4.63E+00	1.47E+00	4.63E+00	1.47E+00
1068	Gridded	3.68E-01	1.20E-01	48.68	15.48	2.39E+01	7.49E+00	4.61E+00	1.48E+00	4.61E+00	1.48E+00	4.61E+00	1.48E+00
1069	Gridded	3.76E-01	1.19E-01	50.33	16.15	2.47E+01	7.79E+00	4.62E+00	1.46E+00	4.62E+00	1.46E+00	4.62E+00	1.46E+00
1070	Gridded	3.83E-01	1.19E-01	51.96	16.58	2.58E+01	7.96E+00	4.62E+00	1.50E+00	4.62E+00	1.50E+00	4.62E+00	1.50E+00
1071	Gridded	4.08E-01	1.29E-01	55.62	16.84	2.76E+01	8.03E+00	4.91E+00	1.61E+00	4.91E+00	1.61E+00	4.91E+00	1.61E+00
1072	Gridded	4.21E-01	1.33E-01	56.53	16.23	2.81E+01	8.01E+00	4.88E+00	1.63E+00	4.88E+00	1.63E+00	4.88E+00	1.63E+00
1073	Gridded	4.09E-01	1.31E-01	58.89	15.28	2.95E+01	7.55E+00	4.53E+00	1.56E+00	4.53E+00	1.56E+00	4.53E+00	1.56E+00
1074	Gridded	3.88E-01	1.23E-01	56.19	13.17	2.81E+01	6.51E+00	4.54E+00	1.41E+00	4.54E+00	1.41E+00	4.54E+00	1.41E+00
1075	Gridded	3.66E-01	1.20E-01	54.91	14.15	2.75E+01	7.02E+00	4.40E+00	1.36E+00	4.40E+00	1.36E+00	4.40E+00	1.36E+00
1076	Gridded	3.82E-01	1.00E-01	61.10	14.36	3.06E+01	7.08E+00	4.43E+00	1.04E+00	4.43E+00	1.04E+00	4.43E+00	1.04E+00
1077	Gridded	4.23E-01	8.39E-02	70.61	19.46	3.54E+01	9.76E+00	4.90E+00	8.47E-01	4.90E+00	8.47E-01	4.90E+00	8.47E-01
1078	Gridded	4.40E-01	8.12E-02	59.23	10.65	2.97E+01	5.34E+00	5.12E+00	8.41E-01	5.12E+00	8.41E-01	5.12E+00	8.41E-01
1079	Gridded	4.31E-01	3.78E-02	49.02	3.05	2.33E+01	1.46E+00	5.03E+00	3.82E-01	5.03E+00	3.82E-01	5.03E+00	3.82E-01
1080	Gridded	3.98E-01	5.90E-02	42.71	4.90	1.98E+01	2.46E+00	4.67E+00	5.96E-01	4.67E+00	5.96E-01	4.67E+00	5.96E-01
1081	Gridded	3.78E-01	8.50E-02	85.80	10.27	4.30E+01	5.05E+00	4.15E+00	8.58E-01	4.15E+00	8.58E-01	4.15E+00	8.58E-01
1082	Gridded	3.90E-01	1.06E-01	87.35	14.45	4.38E+01	6.91E+00	4.27E+00	1.12E+00	4.27E+00	1.12E+00	4.27E+00	1.12E+00
1083	Gridded	4.95E-01	9.48E-02	79.35	12.10	3.98E+01	5.79E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00
1084	Gridded	5.14E-01	9.66E-02	103.93	9.95	5.21E+01	4.77E+00	6.04E+00	1.10E+00	6.04E+00	1.10E+00	6.04E+00	1.10E+00
1085	Gridded	5.00E-01	9.95E-02	109.72	9.18	5.50E+01	4.47E+00	5.79E+00	1.14E+00	5.79E+00	1.14E+00	5.79E+00	1.14E+00
1086	Gridded	4.88E-01	1.05E-01	108.37	10.09	5.43E+01	4.81E+00	6.11E+00	1.23E+00	6.11E+00	1.23E+00	6.11E+00	1.23E+00
1087	Gridded	5.35E-01	1.09E-01	101.64	11.42	5.09E+01	5.50E+00	6.27E+00	1.29E+00	6.27E+00	1.29E+00	6.27E+00	1.29E+00
1088	Gridded	5.69E-01	1.06E-01	90.35	11.62	4.52E+01	5.64E+00	6.46E+00	1.27E+00	6.46E+00	1.27E+00	6.46E+00	1.27E+00
1089	Gridded	5.79E-01	9.81E-02	78.87	11.95	3.94E+01	5.94E+00	6.42E+00	1.19E+00	6.42E+00	1.19E+00	6.42E+00	1.19E+00
1090	Gridded	5.20E-01	9.32E-02	77.04	12.00	3.77E+01	5.97E+00	6.14E+00	1.08E+00	6.14E+00	1.08E+00	6.14E+00	1.08E+00
1091	Gridded	4.04E-01	9.28E-02	42.27	14.58	2.08E+01	7.06E+00	4.07E+00	1.21E+00	4.07E+00	1.21E+00	4.07E+00	1.21E+00
1092	Gridded	4.79E-01	9.42E-02	42.66	14.88	2.10E+01	7.22E+00	4.83E+00	1.23E+00	4.83E+00	1.23E+00	4.83E+00	1.23E+00
1093	Gridded	5.38E-01	9.42E-02	43.89	15.31	2.15E+01	7.44E+00	5.43E+00	1.24E+00	5.43E+00	1.24E+00	5.43E+00	1.24E+00
1094	Gridded	5.96E-01	9.33E-02	42.80	15.71	2.09E+01	7.65E+00	6.01E+00	1.24E+00	6.01E+00	1.24E+00	6.01E+00	1.24E+00
1095	Gridded	6.59E-01	9.27E-02	40.93	16.17	2.00E+01	7.89E+00	6.65E+00	1.24E+00	6.65E+00	1.24E+00	6.65E+00	1.24E+00
1096	Gridded	6.49E-01	9.44E-02	41.41	16.41	2.02E+01	8.02E+00	6.55E+00	1.22E+00	6.55E+00	1.22E+00	6.55E+00	1.22E+00
1097	Gridded	5.86E-01	9.93E-02	44.20	16.77	2.16E+01	8.20E+00	5.92E+00	1.28E+00	5.92E+00	1.28E+00	5.92E+00	1.28E+00
1098	Gridded	5.40E-01	1.06E-01	47.65	17.24	2.33E+01	8.45E+00	5.45E+00	1.36E+00	5.45E+00	1.36E+00	5.45E+00	1.36E+00
1099	Gridded	4.61E-01	1.12E-01	50.55	17.41	2.49E+01	8.54E+00	4.65E+00	1.43E+00	4.65E+00	1.43E+00	4.65E+00	1.43E+00

1100	Gridded	4.19E-01	1.19E-01	55.71	17.54	2.75E+01	8.55E+00	4.75E+00	1.51E+00	4.75E+00	1.51E+00	4.75E+00	1.51E+00
1101	Gridded	4.19E-01	1.26E-01	59.43	18.42	2.94E+01	8.88E+00	5.00E+00	1.56E+00	5.00E+00	1.56E+00	5.00E+00	1.56E+00
1102	Gridded	4.48E-01	1.44E-01	64.33	19.13	3.19E+01	9.19E+00	5.33E+00	1.72E+00	5.33E+00	1.72E+00	5.33E+00	1.72E+00
1103	Gridded	4.48E-01	1.57E-01	65.89	19.13	3.28E+01	9.15E+00	5.32E+00	1.87E+00	5.32E+00	1.87E+00	5.32E+00	1.87E+00
1104	Gridded	4.14E-01	1.58E-01	63.28	17.45	3.16E+01	8.30E+00	4.98E+00	1.86E+00	4.98E+00	1.86E+00	4.98E+00	1.86E+00
1105	Gridded	4.02E-01	1.51E-01	57.59	15.62	2.88E+01	7.37E+00	4.71E+00	1.76E+00	4.71E+00	1.76E+00	4.71E+00	1.76E+00
1106	Gridded	3.91E-01	1.33E-01	56.97	17.45	2.86E+01	8.36E+00	4.44E+00	1.59E+00	4.44E+00	1.59E+00	4.44E+00	1.59E+00
1107	Gridded	3.91E-01	1.14E-01	64.71	18.16	3.24E+01	8.93E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00
1108	Gridded	4.32E-01	1.15E-01	65.93	15.86	3.31E+01	7.92E+00	5.03E+00	1.17E+00	5.03E+00	1.17E+00	5.03E+00	1.17E+00
1109	Gridded	4.48E-01	9.82E-02	49.82	8.13	2.41E+01	4.07E+00	5.23E+00	9.91E-01	5.23E+00	9.91E-01	5.23E+00	9.91E-01
1110	Gridded	4.38E-01	1.00E-01	46.34	2.94	2.19E+01	1.41E+00	5.13E+00	1.01E+00	5.13E+00	1.01E+00	5.13E+00	1.01E+00
1111	Gridded	4.03E-01	7.21E-02	40.75	2.72	1.87E+01	1.24E+00	4.74E+00	7.28E-01	4.74E+00	7.28E-01	4.74E+00	7.28E-01
1112	Gridded	4.46E-01	9.31E-02	94.80	12.84	4.75E+01	6.44E+00	4.50E+00	9.40E-01	4.50E+00	9.40E-01	4.50E+00	9.40E-01
1113	Gridded	5.32E-01	1.18E-01	111.86	16.12	5.61E+01	7.81E+00	5.57E+00	1.21E+00	5.57E+00	1.21E+00	5.57E+00	1.21E+00
1114	Gridded	7.31E-01	1.09E-01	102.11	14.70	5.12E+01	6.91E+00	7.38E+00	1.37E+00	7.38E+00	1.37E+00	7.38E+00	1.37E+00
1115	Gridded	6.03E-01	1.24E-01	84.88	11.95	4.25E+01	5.64E+00	6.28E+00	1.46E+00	6.28E+00	1.46E+00	6.28E+00	1.46E+00
1116	Gridded	5.09E-01	1.05E-01	78.49	10.60	3.93E+01	5.01E+00	6.23E+00	1.25E+00	6.23E+00	1.25E+00	6.23E+00	1.25E+00
1117	Gridded	4.95E-01	8.73E-02	75.91	11.36	3.81E+01	5.05E+00	5.93E+00	1.08E+00	5.93E+00	1.08E+00	5.93E+00	1.08E+00
1118	Gridded	5.55E-01	1.02E-01	86.45	12.90	4.33E+01	5.88E+00	6.12E+00	1.26E+00	6.12E+00	1.26E+00	6.12E+00	1.26E+00
1119	Gridded	5.23E-01	1.05E-01	90.92	13.26	4.55E+01	6.16E+00	5.85E+00	1.30E+00	5.85E+00	1.30E+00	5.85E+00	1.30E+00
1120	Gridded	4.83E-01	1.01E-01	89.43	12.88	4.47E+01	6.03E+00	5.60E+00	1.25E+00	5.60E+00	1.25E+00	5.60E+00	1.25E+00
1121	Gridded	4.72E-01	9.33E-02	85.73	12.13	4.29E+01	5.72E+00	5.52E+00	1.16E+00	5.52E+00	1.16E+00	5.52E+00	1.16E+00
1122	Gridded	3.96E-01	7.38E-02	48.79	11.78	2.34E+01	5.77E+00	4.89E+00	9.26E-01	4.89E+00	9.26E-01	4.89E+00	9.26E-01
1123	Gridded	4.00E-01	7.35E-02	49.63	12.15	2.38E+01	5.95E+00	4.95E+00	9.45E-01	4.95E+00	9.45E-01	4.95E+00	9.45E-01
1124	Gridded	3.94E-01	7.33E-02	49.52	12.70	2.38E+01	6.22E+00	4.89E+00	9.50E-01	4.89E+00	9.50E-01	4.89E+00	9.50E-01
1125	Gridded	3.78E-01	7.37E-02	48.75	13.35	2.35E+01	6.54E+00	4.72E+00	9.98E-01	4.72E+00	9.98E-01	4.72E+00	9.98E-01
1126	Gridded	3.69E-01	7.76E-02	47.66	14.07	2.30E+01	6.90E+00	4.61E+00	1.05E+00	4.61E+00	1.05E+00	4.61E+00	1.05E+00
1127	Gridded	3.78E-01	7.98E-02	46.98	14.46	2.28E+01	7.09E+00	4.44E+00	1.08E+00	4.44E+00	1.08E+00	4.44E+00	1.08E+00
1128	Gridded	3.80E-01	8.30E-02	47.79	15.01	2.34E+01	7.37E+00	4.31E+00	1.12E+00	4.31E+00	1.12E+00	4.31E+00	1.12E+00
1129	Gridded	3.63E-01	9.30E-02	51.83	15.69	2.54E+01	7.71E+00	4.24E+00	1.18E+00	4.24E+00	1.18E+00	4.24E+00	1.18E+00
1130	Gridded	3.53E-01	1.05E-01	54.83	16.33	2.70E+01	8.03E+00	4.38E+00	1.34E+00	4.38E+00	1.34E+00	4.38E+00	1.34E+00
1131	Gridded	3.89E-01	1.18E-01	58.54	16.95	2.89E+01	8.34E+00	4.56E+00	1.50E+00	4.56E+00	1.50E+00	4.56E+00	1.50E+00
1132	Gridded	4.22E-01	1.26E-01	60.47	17.82	2.99E+01	8.55E+00	5.00E+00	1.60E+00	5.00E+00	1.60E+00	5.00E+00	1.60E+00
1133	Gridded	4.50E-01	1.33E-01	61.39	19.34	3.05E+01	9.25E+00	5.42E+00	1.69E+00	5.42E+00	1.69E+00	5.42E+00	1.69E+00
1134	Gridded	4.46E-01	1.31E-01	62.55	19.85	3.08E+01	9.50E+00	5.48E+00	1.69E+00	5.48E+00	1.69E+00	5.48E+00	1.69E+00
1135	Gridded	4.22E-01	1.14E-01	63.44	18.47	3.16E+01	8.88E+00	4.98E+00	1.50E+00	4.98E+00	1.50E+00	4.98E+00	1.50E+00
1136	Gridded	4.09E-01	1.06E-01	58.85	15.92	2.95E+01	7.71E+00	4.71E+00	1.24E+00	4.71E+00	1.24E+00	4.71E+00	1.24E+00
1137	Gridded	3.92E-01	1.29E-01	52.65	14.18	2.62E+01	6.97E+00	4.67E+00	1.41E+00	4.67E+00	1.41E+00	4.67E+00	1.41E+00
1138	Gridded	4.43E-01	1.08E-01	63.93	16.79	3.19E+01	7.97E+00	4.63E+00	1.28E+00	4.63E+00	1.28E+00	4.63E+00	1.28E+00
1139	Gridded	4.18E-01	1.17E-01	62.88	15.65	3.14E+01	7.77E+00	4.89E+00	1.18E+00	4.89E+00	1.18E+00	4.89E+00	1.18E+00
1140	Gridded	4.31E-01	9.76E-02	59.18	13.03	2.95E+01	6.52E+00	5.06E+00	1.00E+00	5.06E+00	1.00E+00	5.06E+00	1.00E+00
1141	Gridded	4.20E-01	1.37E-01	41.64	7.05	1.93E+01	3.20E+00	4.95E+00	1.39E+00	4.95E+00	1.39E+00	4.95E+00	1.39E+00
1142	Gridded	3.86E-01	8.50E-02	40.31	4.80	1.77E+01	1.93E+00	4.57E+00	8.77E-01	4.57E+00	8.77E-01	4.57E+00	8.77E-01
1143	Gridded	6.11E-01	8.39E-02	64.61	12.21	3.21E+01	6.08E+00	6.16E+00	8.57E-01	6.16E+00	8.57E-01	6.16E+00	8.57E-01
1144	Gridded	6.22E-01	9.31E-02	76.52	17.43	3.78E+01	8.24E+00	6.27E+00	1.07E+00	6.27E+00	1.07E+00	6.27E+00	1.07E+00
1145	Gridded	6.33E-01	9.59E-02	67.47	13.43	3.38E+01	6.04E+00	6.39E+00	1.20E+00	6.39E+00	1.20E+00	6.39E+00	1.20E+00
1146	Gridded	5.67E-01	1.04E-01	80.48	11.29	4.03E+01	5.40E+00	5.72E+00	1.12E+00	5.72E+00	1.12E+00	5.72E+00	1.12E+00
1147	Gridded	7.11E-01	7.86E-02	81.18	12.51	4.05E+01	5.95E+00	7.18E+00	1.02E+00	7.18E+00	1.02E+00	7.18E+00	1.02E+00
1148	Gridded	5.98E-01	9.67E-02	73.85	12.35	3.66E+01	5.93E+00	6.04E+00	1.21E+00	6.03E+00	1.20E+00	6.03E+00	1.20E+00
1149	Gridded	5.22E-01	9.36E-02	78.98	11.37	3.96E+01	5.50E+00	6.37E+00	1.16E+00	6.37E+00	1.16E+00	6.37E+00	1.16E+00
1150	Gridded	5.19E-01	8.39E-02	87.23	12.15	4.36E+01	5.65E+00	6.32E+00	1.07E+00	6.32E+00	1.07E+00	6.32E+00	1.07E+00
1151	Gridded	5.08E-01	8.44E-02	85.78	12.32	4.28E+01	5.78E+00	5.58E+00	1.07E+00	5.58E+00	1.07E+00	5.58E+00	1.07E+00
1152	Gridded	5.56E-01	8.25E-02	81.13	11.93	4.03E+01	5.63E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00
1153	Gridded	3.99E-01	5.86E-02	50.53	10.19	2.48E+01	4.98E+00	4.79E+00	7.74E-01	4.79E+00	7.74E-01	4.79E+00	7.74E-01
1154	Gridded	4.01E-01	5.75E-02	48.47	10.30	2.38E+01	5.03E+00	4.84E+00	7.67E-01	4.83E+00	7.67E-01	4.83E+00	7.67E-01
1155	Gridded	3.94E-01	6.01E-02	45.03	10.55	2.22E+01	5.17E+00	4.76E+00	7.80E-01	4.76E+00	7.80E-01	4.76E+00	7.80E-01
1156	Gridded	3.76E-01	6.51E-02	43.11	10.93	2.09E+01	5.36E+00	4.57E+00	8.16E-01	4.57E+00	8.16E-01	4.57E+00	8.16E-01
1157	Gridded	3.72E-01	7.00E-02	42.34	11.28	2.09E+01	5.55E+00	4.35E+00	9.05E-01	4.35E+00	9.05E-01	4.35E+00	9.05E-01
1158	Gridded	3.96E-01	7.52E-02	43.80	11.52	2.17E+01	5.61E+00	4.69E+00	9.76E-01	4.69E+00	9.76E-01	4.69E+00	9.76E-01
1159	Gridded	4.11E-01	8.15E-02	44.58	12.43	2.21E+01	6.03E+00	4.95E+00	1.06E+00	4.95E+00	1.06E+00	4.95E+00	1.06E+00
1160	Gridded	3.99E-01	8.82E-02	47.24	13.59	2.32E+01	6.57E+00	4.88E+00	1.14E+00	4.88E+00	1.14E+00	4.88E+00	1.14E+00
1161	Gridded	3.98E-01	9.35E-02	51.87	14.78	2.56E+01	7.14E+00	4.79E+00	1.22E+00	4.79E+00	1.22E+00	4.79E+00	1.22E+00
1162	Gridded	4.19E-01	9.66E-02	57.15	15.87	2.83E+01	7.66E+00	4.86E+00	1.27E+00	4.86E+00	1.27E+00	4.86E+00	1.27E+00
1163	Gridded	4.07E-01	9.40E-02	59.02	16.27	2.94E+01	7.88E+00	5.08E+00	1.25E+00	5.08E+00	1.25E+00	5.08E+00	1.25E+00
1164	Gridded	4.29E-01	1.04E-01	61.77	16.32	3.04E+01	7.94E+00	5.07E+00	1.22E+00	5.07E+00	1.22E+00	5.07E+00	1.22E+00
1165	Gridded	4.54E-01	1.06E-01	61.36	14.97	3.05E+01	7.31E+00	5.38E+00	1.32E+00	5.38E+00	1.32E+00	5.38E+00	1.32E+00
1166	Gridded	4.44E-01	1.17E-01	51.83	14.65	2.59E+01	6.92E+00	5.07E+00	1.34E+00	5.07E+00	1.33E+00	5.07E+00	1.33E+00
1167	Gridded	4.90E-01	1.26E-01	48.53	14.00	2.39E+01	6.63E+00	5.79E+00	1.46E+00	5.79E+00	1.46E+00	5.79E+00	1.46E+00
1168	Gridded	4.76E-01	9.27E-02	61.28	13.89	3.06E+01	6.57E+00	5.19E+00	1.11E+00	5.19E+00	1.11E+00	5.19E+00	1.11E+00
1169	Gridded	4.69E-01	1.20E-01	56.98	15.28	2.84E+01	7.31E+00	5.43E+00	1.26E+00	5.43E+00	1.26E+00	5.43E+00	1.26E+00
1170	Gridded	4.45E-01	1.06E-01	72.96	16.50	3.59E+01	8.06E+00	5.59E+00	1.31E+00	5.59E+00	1.31E+00	5.59E+00	1.31E+00
1171	Gridded	4.18E-01	1.33E-01	65.23	14.03	3.22E+01	6.88E+00	5.09E+00	1.57E+00	5.09E+00	1.57E+00	5.09E+00	1.57E+00
1172	Gridded	4.09E-01	1.67E-01	77.02	10.69	3.65E+01	5.08E+00	5.55E+00	1.79E+00	5.55E+00	1.79E+00	5.55E+00	1.79E+00
1173	Gridded	4.14E-01	1.10E-01	56.23	9.43	2.53E+01	3.92E+00	4.91E+00	1.17E+00	4.91E+00	1.17E+00	4.91E+00	1.17E+00
1174	Gridded	3.79E-01	6.60E-02	65.65	10.38	3.17E+01	4.85E+00	4.69E+00	7.36E-01	4.69E+00	7.36E-01	4.69E+00	7.36E-01
1175	Gridded	7.44E-01	9.71E-02	68.30	12.48	3.31E+01	5.96E+00	7.50E+00	1.02E+00	7.50E+00	1.02E+00	7.50E+00	1.02E+00
1176	Gridded	5.91E-01	8.80E-02	56.23	14.80	2.78E+01	7.05E+00	5.96E+00	1.05E+00	5.96E+00	1.05E+00	5.96E+00	1.05E+00
1177	Gridded	5.73E-01	7.46E-02	50.45	13.40	2.46E+01	6.25E+00	5.79E+00	9.59E-01	5.78E+00	9.59E-01	5.78E+00	9.59E-01
1178	Gridded	5.74E-01	9.29E-02	63.99	11.15	3.17E+01	5.15E+00	5.79E+00	1.04E+00	5.79E+00	1.04E+00	5.79E+00	1.04E+00
1179	Gridded	4.37E-01	7.50E-02	67.23	11.30	3.30E+01	5.27E+00	5.67E+00	9.26E-01	5.67E+00	9.26E-01	5.67E+00	9.26E-01
1180	Gridded	5.26E-01	6.93E-02	78.18	11.63	3.91E+01	5.49E+00	6.07E+00	9.12E-01	6.07E+00	9.12E-01	6.07E+00	9.12E-01
1181	Gridded	5.49E-01	7.60E-02	84.94	11.06	4.24E+01	5.33E+00	6.74E+00	9.74E-01	6.74E+00	9.74E-01	6.74E+00	9.74E-01
1182	Gridded	5.22E-01	7.42E-02	78.29	10.21	3.88E+01	4.96E+00	6.24E+00	9.41E-01	6.24E+00	9.41E-01	6.24E+00	9.41E-01
1183	Gridded	4.86E-01	7.14E-02	70.96	10.33	3.54E+01	4.87E+00	6.13E+00	9.09E-01	6.13E+00	9.09E-01	6.13E+00	9.09E-01
1184	Gridded	3.46E-01	5.97E-02	47.78	8.23	2.31E+01	4.02E+00	4.22E+00	7.47E-01	4.22E+00	7.47E-01	4.22E+00	7.47E-01
1185	Gridded	3.97E-01	6.28E-02	45.94	8.54	2.22E+01	4.11E+00	4.48E+00	7.90E-01	4.48E+00	7.90E-01	4.48E+00	7.90E-01
1186	Gridded	3.68E-01	6.54E-02	48.36	9.22	2.35E+01	4.41E+00	4.59E+00	8.30E-01	4.59E+00	8.30E-01	4.59E+00	8.30E-01
1187	Gridded	3.60E-01	6.66E-02	49.49	9.85	2.41E+01	4.73E+00	4.47E+00	8.55E-01	4.47E+00	8.55E-01	4.47E+00	8.55E-01
1188	Gridded	3.59E-01	6.67E-02	50.36	10.48	2.47E+01	5.09E+00	4.32E+00	8.70E-01	4.32E+00	8.70E-01	4.32E+00	8.70E-01
1189	Gridded	3.87E-01	6.97E-02	50.68	11.07	2.50E+01	5.36E+00	4.66E+00	9.11E-01	4.66E+00	9.11E-01	4.66E+00	9.11E-01
1190	Gridded	4.05E-01	7.14E-02	51.48	11.61	2.51E+01	5.62E+00	5.00E+00	9.38E-01	5.00E+00	9.38E-01	5.00E+00	9.38E-01
1191	Gridded	3.86E-01	7.76E-02	55.06	12.17	2.70E+01	5.90E+00	4.94E+00	9.53E-01	4.94E+00	9.53E-01	4.94E+00	9.53E-01
1192	Gridded	4.06E-01	9.43E-02	55.42	12.29	2.75E+01	5.97E+00	4.64E+00	1.02E+00	4.64E+00	1.02E+00	4.64E+00	1.02E+00
1193	Gridded	4.20E-01	1.04E-01	55.40	11.96	2.75E+01	5.82E+00	4.98E+00	1.14E+00	4.98E+00	1.14E+00	4.98E+00	1.14E+00
1194	Gridded	4.10E-01	1.06E-01	53.37	13.43	2.66E+01	6.47E+00	4.87E+00	1.20E+00	4.87E+00	1.20E+00	4.87E+00	1.20E+00
1195	Gridded	4.38E-01	1.10E-01	56.76	14.33	2.80E+01	6.92E+00	5.33E+00	1.29E+00	5.33E+00	1.29E+00	5.33E+00	1.29E+00
1196	Gridded	4.55E-01	1.27E-01	56.43	14.83	2.78E+01	7.16E+00	5.64E+00	1.52E+00	5.64E+00	1.52E+00	5.64E+00	1.52E+00
1197	Gridded	4.12E-01	1.31E-01	70.03	15.48	3.47E+01	7.10E+00	5.43E+00	1.59E+00	5.43E+00	1.59E+00	5.43E+00	1.59E+00
1198	Gridded	4.93E-01	9.73E-02	63.36	14.12	3.17E+01	6.66E+00	5.79E+00	1.17E+00	5.79E+00	1.17E+00	5.79E+00	1.17E+00
1199	Gridded	5.00E-01	1.18E-01	58.34	12.96	2.91E+01	6.17E+00	5.75E+00	1.34E+00	5.75E+00	1.34E+00	5.75E+00	1.34E+00
1200	Gridded	5.08E-01	1.21E-01	62.91	14.03	3.14E+01	6.66E+00	5.99E+00	1.34E+00	5.99E+00	1.34E+00	5.99E+00	1.34E+00
1201	Gridded	4.57E-01	1.24E-01	79.50	14.43	3.97E+01	6.97E+00	5.49E+00	1.37E+00	5.49E+00	1.37E+00	5.49E+00	1.37E+00

1202 Gridded	4.69E-01	1.20E-01	80.21	17.57	3.99E+01	7.88E+00	5.91E+00	1.50E+00	5.91E+00	1.50E+00	5.91E+00	1.50E+00
1203 Gridded	4.80E-01	1.64E-01	77.38	13.34	3.74E+01	5.19E+00	6.29E+00	1.84E+00	6.29E+00	1.84E+00	6.29E+00	1.84E+00
1204 Gridded	6.28E-01	1.49E-01	60.13	11.48	2.83E+01	4.94E+00	6.36E+00	1.64E+00	6.36E+00	1.64E+00	6.36E+00	1.64E+00
1205 Gridded	8.91E-01	8.22E-02	60.80	8.24	2.86E+01	3.72E+00	9.00E+00	9.27E-01	9.00E+00	9.27E-01	9.00E+00	9.27E-01
1206 Gridded	4.81E-01	7.80E-02	60.31	10.19	2.91E+01	4.78E+00	5.16E+00	9.62E-01	5.16E+00	9.62E-01	5.16E+00	9.62E-01
1207 Gridded	7.28E-01	8.69E-02	54.58	10.22	2.66E+01	4.91E+00	7.34E+00	9.99E-01	7.34E+00	9.99E-01	7.34E+00	9.99E-01
1208 Gridded	5.85E-01	8.28E-02	59.37	9.90	2.93E+01	4.68E+00	5.90E+00	1.00E+00	5.90E+00	1.00E+00	5.90E+00	1.00E+00
1209 Gridded	4.85E-01	7.73E-02	59.99	12.55	2.90E+01	5.94E+00	5.76E+00	9.24E-01	5.76E+00	9.24E-01	5.76E+00	9.24E-01
1210 Gridded	4.74E-01	8.52E-02	67.10	13.65	3.29E+01	6.52E+00	5.28E+00	9.93E-01	5.28E+00	9.93E-01	5.28E+00	9.93E-01
1211 Gridded	4.65E-01	8.41E-02	74.43	13.76	3.68E+01	6.61E+00	5.85E+00	9.97E-01	5.85E+00	9.97E-01	5.85E+00	9.97E-01
1212 Gridded	5.28E-01	7.64E-02	78.74	13.51	3.91E+01	6.52E+00	6.54E+00	9.51E-01	6.54E+00	9.51E-01	6.54E+00	9.51E-01
1213 Gridded	5.05E-01	6.52E-02	85.56	13.58	4.27E+01	6.58E+00	6.44E+00	9.10E-01	6.44E+00	9.10E-01	6.44E+00	9.10E-01
1214 Gridded	4.91E-01	7.09E-02	80.39	13.64	3.98E+01	6.61E+00	5.93E+00	8.89E-01	5.93E+00	8.89E-01	5.93E+00	8.89E-01
1215 Gridded	3.45E-01	5.89E-02	49.21	9.32	2.42E+01	4.52E+00	4.19E+00	7.69E-01	4.19E+00	7.69E-01	4.19E+00	7.69E-01
1216 Gridded	3.56E-01	5.80E-02	49.88	9.65	2.44E+01	4.70E+00	4.32E+00	7.67E-01	4.32E+00	7.67E-01	4.32E+00	7.67E-01
1217 Gridded	3.66E-01	5.68E-02	49.23	9.99	2.42E+01	4.88E+00	4.50E+00	7.63E-01	4.50E+00	7.63E-01	4.50E+00	7.63E-01
1218 Gridded	3.73E-01	5.75E-02	50.53	10.13	2.47E+01	4.96E+00	4.54E+00	7.44E-01	4.53E+00	7.44E-01	4.53E+00	7.44E-01
1219 Gridded	3.51E-01	6.51E-02	53.95	10.11	2.65E+01	4.97E+00	4.40E+00	7.59E-01	4.40E+00	7.59E-01	4.40E+00	7.59E-01
1220 Gridded	3.71E-01	7.94E-02	54.89	9.80	2.72E+01	4.83E+00	4.36E+00	8.75E-01	4.36E+00	8.75E-01	4.36E+00	8.75E-01
1221 Gridded	4.07E-01	9.60E-02	52.46	10.01	2.61E+01	4.81E+00	4.95E+00	1.07E+00	4.95E+00	1.07E+00	4.95E+00	1.07E+00
1222 Gridded	4.09E-01	1.10E-01	55.76	11.15	2.73E+01	5.39E+00	5.17E+00	1.25E+00	5.17E+00	1.25E+00	5.17E+00	1.25E+00
1223 Gridded	3.61E-01	1.15E-01	59.64	12.14	2.95E+01	5.89E+00	4.59E+00	1.35E+00	4.59E+00	1.35E+00	4.59E+00	1.35E+00
1224 Gridded	3.77E-01	1.10E-01	54.72	13.37	2.73E+01	6.18E+00	4.74E+00	1.35E+00	4.74E+00	1.35E+00	4.74E+00	1.35E+00
1225 Gridded	3.64E-01	1.10E-01	56.28	14.93	2.77E+01	7.02E+00	4.66E+00	1.34E+00	4.66E+00	1.34E+00	4.66E+00	1.34E+00
1226 Gridded	3.93E-01	1.25E-01	61.74	15.58	3.05E+01	7.54E+00	4.75E+00	1.53E+00	4.75E+00	1.53E+00	4.75E+00	1.53E+00
1227 Gridded	4.22E-01	1.25E-01	66.06	16.31	3.29E+01	7.57E+00	4.95E+00	1.55E+00	4.95E+00	1.55E+00	4.95E+00	1.55E+00
1228 Gridded	4.68E-01	1.01E-01	60.41	15.33	2.97E+01	7.32E+00	5.73E+00	1.26E+00	5.73E+00	1.26E+00	5.73E+00	1.26E+00
1229 Gridded	4.96E-01	1.19E-01	66.97	13.83	3.32E+01	6.67E+00	5.90E+00	1.40E+00	5.90E+00	1.40E+00	5.90E+00	1.40E+00
1230 Gridded	5.15E-01	1.36E-01	64.53	13.57	3.21E+01	6.47E+00	6.12E+00	1.53E+00	6.12E+00	1.53E+00	6.12E+00	1.53E+00
1231 Gridded	4.71E-01	1.11E-01	66.75	13.73	3.30E+01	6.53E+00	6.00E+00	1.37E+00	6.00E+00	1.37E+00	6.00E+00	1.37E+00
1232 Gridded	5.10E-01	1.25E-01	63.01	13.52	3.06E+01	6.08E+00	5.67E+00	1.49E+00	5.67E+00	1.49E+00	5.67E+00	1.49E+00
1233 Gridded	4.21E-01	1.06E-01	74.57	15.47	3.69E+01	7.47E+00	5.31E+00	1.24E+00	5.31E+00	1.24E+00	5.31E+00	1.24E+00
1234 Gridded	4.69E-01	1.52E-01	67.18	14.18	3.26E+01	5.56E+00	5.39E+00	1.74E+00	5.39E+00	1.74E+00	5.39E+00	1.74E+00
1235 Gridded	4.68E-01	1.50E-01	58.77	12.77	2.74E+01	4.74E+00	4.88E+00	1.70E+00	4.88E+00	1.70E+00	4.88E+00	1.70E+00
1236 Gridded	4.12E-01	7.72E-02	50.94	8.91	2.39E+01	3.79E+00	4.87E+00	9.17E-01	4.87E+00	9.17E-01	4.87E+00	9.17E-01
1237 Gridded	7.95E-01	6.52E-02	56.82	9.03	2.72E+01	4.01E+00	8.03E+00	7.68E-01	8.03E+00	7.68E-01	8.03E+00	7.68E-01
1238 Gridded	5.58E-01	8.29E-02	56.91	9.26	2.74E+01	4.38E+00	5.63E+00	1.00E+00	5.63E+00	1.00E+00	5.63E+00	1.00E+00
1239 Gridded	5.64E-01	8.58E-02	51.46	10.03	2.52E+01	4.87E+00	5.70E+00	1.01E+00	5.70E+00	1.01E+00	5.70E+00	1.01E+00
1240 Gridded	4.57E-01	7.76E-02	58.46	10.68	2.90E+01	5.17E+00	5.04E+00	9.82E-01	5.04E+00	9.82E-01	5.04E+00	9.82E-01
1241 Gridded	4.35E-01	7.30E-02	70.86	12.41	3.49E+01	5.95E+00	5.38E+00	9.18E-01	5.38E+00	9.18E-01	5.38E+00	9.18E-01
1242 Gridded	4.34E-01	8.57E-02	65.79	13.47	3.26E+01	6.50E+00	5.50E+00	1.03E+00	5.50E+00	1.03E+00	5.50E+00	1.03E+00
1243 Gridded	6.80E-01	8.16E-02	71.60	13.12	3.49E+01	6.35E+00	6.86E+00	9.78E-01	6.86E+00	9.78E-01	6.86E+00	9.78E-01
1244 Gridded	4.37E-01	7.12E-02	85.48	12.38	4.09E+01	6.01E+00	5.29E+00	8.70E-01	5.29E+00	8.70E-01	5.29E+00	8.70E-01
1245 Gridded	4.68E-01	7.21E-02	87.66	12.36	4.17E+01	6.02E+00	6.07E+00	8.59E-01	6.07E+00	8.59E-01	6.07E+00	8.59E-01
1246 Gridded	3.77E-01	5.54E-02	49.71	9.10	2.44E+01	4.47E+00	4.49E+00	6.63E-01	4.49E+00	6.63E-01	4.49E+00	6.63E-01
1247 Gridded	3.78E-01	6.35E-02	52.10	8.91	2.57E+01	4.39E+00	4.55E+00	7.06E-01	4.55E+00	7.06E-01	4.55E+00	7.06E-01
1248 Gridded	3.46E-01	7.35E-02	52.06	8.69	2.57E+01	4.21E+00	4.23E+00	8.24E-01	4.23E+00	8.24E-01	4.23E+00	8.24E-01
1249 Gridded	3.64E-01	8.61E-02	48.88	8.94	2.43E+01	4.32E+00	4.48E+00	9.75E-01	4.48E+00	9.75E-01	4.48E+00	9.75E-01
1250 Gridded	3.75E-01	9.88E-02	51.73	9.46	2.52E+01	4.58E+00	4.76E+00	1.13E+00	4.76E+00	1.13E+00	4.76E+00	1.13E+00
1251 Gridded	3.67E-01	1.09E-01	58.28	10.43	2.87E+01	5.07E+00	4.70E+00	1.28E+00	4.70E+00	1.28E+00	4.70E+00	1.28E+00
1252 Gridded	3.76E-01	1.17E-01	59.66	12.86	2.96E+01	5.85E+00	4.14E+00	1.40E+00	4.14E+00	1.40E+00	4.14E+00	1.40E+00
1253 Gridded	4.03E-01	1.16E-01	53.59	15.24	2.67E+01	7.09E+00	4.60E+00	1.44E+00	4.60E+00	1.44E+00	4.60E+00	1.44E+00
1254 Gridded	3.94E-01	1.09E-01	52.68	17.16	2.60E+01	8.15E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00
1255 Gridded	4.11E-01	1.03E-01	51.43	17.43	2.55E+01	8.45E+00	4.67E+00	1.28E+00	4.67E+00	1.28E+00	4.67E+00	1.28E+00
1256 Gridded	4.31E-01	1.23E-01	55.97	15.53	2.78E+01	7.61E+00	4.86E+00	1.51E+00	4.86E+00	1.51E+00	4.86E+00	1.51E+00
1257 Gridded	4.29E-01	1.15E-01	51.79	15.63	2.56E+01	7.32E+00	5.13E+00	1.44E+00	5.13E+00	1.44E+00	5.13E+00	1.44E+00
1258 Gridded	4.54E-01	9.98E-02	61.18	14.12	3.02E+01	6.78E+00	5.33E+00	1.23E+00	5.32E+00	1.23E+00	5.32E+00	1.23E+00
1259 Gridded	4.67E-01	1.10E-01	67.04	13.55	3.33E+01	6.59E+00	5.73E+00	1.35E+00	5.73E+00	1.35E+00	5.73E+00	1.35E+00
1260 Gridded	4.92E-01	1.41E-01	69.32	15.48	3.43E+01	7.47E+00	5.98E+00	1.64E+00	5.98E+00	1.64E+00	5.98E+00	1.64E+00
1261 Gridded	5.18E-01	1.52E-01	69.37	16.59	3.44E+01	7.85E+00	6.34E+00	1.82E+00	6.33E+00	1.82E+00	6.33E+00	1.82E+00
1262 Gridded	4.23E-01	1.10E-01	59.46	14.63	2.97E+01	7.25E+00	5.24E+00	1.27E+00	5.23E+00	1.27E+00	5.23E+00	1.27E+00
1263 Gridded	5.35E-01	1.31E-01	69.20	15.06	3.42E+01	6.80E+00	6.35E+00	1.59E+00	6.35E+00	1.59E+00	6.35E+00	1.59E+00
1264 Gridded	4.22E-01	1.00E-01	61.23	12.20	2.96E+01	5.80E+00	5.17E+00	1.19E+00	5.17E+00	1.19E+00	5.17E+00	1.19E+00
1265 Gridded	4.99E-01	1.44E-01	57.09	13.74	2.78E+01	5.18E+00	5.77E+00	1.65E+00	5.77E+00	1.65E+00	5.77E+00	1.65E+00
1266 Gridded	4.01E-01	1.48E-01	50.04	12.62	2.39E+01	4.84E+00	4.94E+00	1.67E+00	4.94E+00	1.67E+00	4.94E+00	1.67E+00
1267 Gridded	7.91E-01	7.50E-02	51.17	9.32	2.41E+01	4.31E+00	8.01E+00	8.34E-01	8.01E+00	8.34E-01	8.01E+00	8.34E-01
1268 Gridded	9.68E-01	7.08E-02	51.24	7.11	2.47E+01	3.33E+00	9.78E+00	7.83E-01	9.78E+00	7.83E-01	9.78E+00	7.83E-01
1269 Gridded	4.75E-01	6.40E-02	79.92	10.25	3.82E+01	4.49E+00	5.74E+00	7.90E-01	5.74E+00	7.90E-01	5.74E+00	7.90E-01
1270 Gridded	4.35E-01	8.27E-02	66.53	10.55	3.23E+01	5.07E+00	5.63E+00	1.03E+00	5.63E+00	1.03E+00	5.63E+00	1.03E+00
1271 Gridded	4.53E-01	7.93E-02	51.45	10.30	2.43E+01	5.04E+00	5.45E+00	9.72E-01	5.45E+00	9.72E-01	5.45E+00	9.72E-01
1272 Gridded	3.86E-01	6.59E-02	55.52	12.21	2.70E+01	5.93E+00	4.77E+00	8.65E-01	4.77E+00	8.65E-01	4.77E+00	8.65E-01
1273 Gridded	4.07E-01	7.01E-02	64.27	14.34	3.18E+01	6.64E+00	5.01E+00	9.66E-01	5.01E+00	9.66E-01	5.01E+00	9.66E-01
1274 Gridded	4.05E-01	8.42E-02	61.30	15.66	3.01E+01	7.51E+00	4.89E+00	1.04E+00	4.89E+00	1.04E+00	4.89E+00	1.04E+00
1275 Gridded	7.10E-01	8.06E-02	65.93	12.97	3.21E+01	6.02E+00	7.16E+00	9.83E-01	7.16E+00	9.83E-01	7.16E+00	9.83E-01
1276 Gridded	4.59E-01	7.19E-02	81.81	11.02	3.97E+01	5.37E+00	4.63E+00	8.71E-01	4.63E+00	8.71E-01	4.63E+00	8.71E-01
1277 Gridded	3.22E-01	7.94E-02	45.16	8.98	2.24E+01	4.37E+00	4.01E+00	9.10E-01	4.01E+00	9.10E-01	4.01E+00	9.10E-01
1278 Gridded	3.36E-01	9.13E-02	48.00	9.00	2.35E+01	4.39E+00	4.30E+00	1.06E+00	4.29E+00	1.06E+00	4.29E+00	1.06E+00
1279 Gridded	3.36E-01	1.01E-01	53.79	9.74	2.64E+01	4.42E+00	4.41E+00	1.19E+00	4.41E+00	1.19E+00	4.41E+00	1.19E+00
1280 Gridded	4.25E-01	1.09E-01	55.84	11.73	2.76E+01	5.39E+00	4.29E+00	1.31E+00	4.29E+00	1.31E+00	4.29E+00	1.31E+00
1281 Gridded	4.53E-01	1.16E-01	53.97	14.03	2.68E+01	6.53E+00	4.57E+00	1.42E+00	4.57E+00	1.42E+00	4.57E+00	1.42E+00
1282 Gridded	4.07E-01	1.16E-01	47.79	16.11	2.37E+01	7.61E+00	4.79E+00	1.47E+00	4.79E+00	1.47E+00	4.79E+00	1.47E+00
1283 Gridded	4.12E-01	1.11E-01	51.56	17.82	2.53E+01	8.53E+00	4.98E+00	1.45E+00	4.98E+00	1.45E+00	4.98E+00	1.45E+00
1284 Gridded	4.10E-01	1.05E-01	52.74	18.33	2.62E+01	8.90E+00	4.84E+00	1.33E+00	4.84E+00	1.33E+00	4.84E+00	1.33E+00
1285 Gridded	4.23E-01	1.02E-01	51.34	17.38	2.55E+01	8.53E+00	5.14E+00	1.25E+00	5.14E+00	1.25E+00	5.14E+00	1.25E+00
1286 Gridded	4.52E-01	1.21E-01	56.08	14.48	2.78E+01	7.13E+00	5.42E+00	1.48E+00	5.41E+00	1.48E+00	5.41E+00	1.48E+00
1287 Gridded	4.52E-01	1.07E-01	56.47	14.40	2.81E+01	6.77E+00	5.13E+00	1.35E+00	5.13E+00	1.35E+00	5.13E+00	1.35E+00
1288 Gridded	4.26E-01	9.49E-02	58.01	13.32	2.85E+01	6.22E+00	5.28E+00	1.19E+00	5.28E+00	1.19E+00	5.28E+00	1.19E+00
1289 Gridded	4.56E-01	9.66E-02	59.44	12.72	2.94E+01	6.11E+00	5.37E+00	1.21E+00	5.37E+00	1.21E+00	5.37E+00	1.21E+00
1290 Gridded	4.70E-01	1.33E-01	66.76	15.61	3.30E+01	7.59E+00	5.28E+00	1.59E+00	5.28E+00	1.59E+00	5.28E+00	1.59E+00
1291 Gridded	4.97E-01	1.71E-01	70.89	18.66	3.51E+01	9.04E+00	5.99E+00	2.05E+00	5.99E+00	2.05E+00	5.99E+00	2.05E+00
1292 Gridded	4.27E-01	1.17E-01	70.40	21.65	3.49E+01	1.06E+01	5.21E+00	1.59E+00	5.21E+00	1.59E+00	5.21E+00	1.59E+00
1293 Gridded	4.86E-01	1.30E-01	57.25	14.95	2.81E+01	6.82E+00	5.63E+00	1.57E+00	5.63E+00	1.57E+00	5.63E+00	1.57E+00
1294 Gridded	4.54E-01	1.27E-01	64.60	17.21	3.17E+01	8.10E+00	5.76E+00	1.59E+00	5.76E+00	1.59E+00	5.76E+00	1.59E+00
1295 Gridded	4.08E-01	9.97E-02	61.94	11.98	3.03E+01	5.52E+00	4.98E+00	1.22E+00	4.98E+00	1.22E+00	4.98E+00	1.22E+00
1296 Gridded	5.25E-01	1.44E-01	56.24	14.63	2.72E+01	5.84E+00	6.27E+00	1.68E+00	6.27E+00	1.68E+00	6.27E+00	1.68E+00
1297 Gridded	4.37E-01	1.49E-01	55.93	14.23	2.66E+01	5.86E+00	5.43E+00	1.73E+00	5.43E+00	1.73E+00	5.43E+00	1.73E+00
1298 Gridded	8.05E-01	1.03E-01	50.73	10.35	2.40E+01	4.81E+00	8.15E+00	1.18E+00	8.15E+00	1.18E+00	8.15E+00	1.18E+00
1299 Gridded	4.87E-01	7.12E-02	50.14	8.24	2.44E+01	3.53E+00	4.92E+00	8.12E-01	4.92E+00	8.12E-01	4.92E+00	8.12E-01
1300 Gridded	1.04E+00	6.54E-02	79.67	9.19	3.89E+01	4.28E+00	1.06E+01	8.06E-01	1.05E+01	8.06E-01	1.05E+01	8.06E-01
1301 Gridded	4.48E-01	7.31E-02	81.03	12.06	3.87E+01	5.42E+00	5.48E+00	9.49E-01	5.48E+00	9.49E-01	5.48E+00	9.49E-01
1302 Gridded	4.15E-01	7.80E-02	67.23	10.57	3.28E+01	5.13E+00	5.46E+00	9.49E-01	5.46E+00	9.49E-01	5.46E+00	9.49E-01
1303 Gridded	4.09E-01	6.85E-02	70.97	9.18	3.30E+01	4.50E+00	5.41E+00	8.62E-01	5.41E+00	8.62E-01	5.41E+00	8.62E-01

1304	Gridded	4.55E-01	5.88E-02	63.30	13.36	2.89E+01	6.56E+00	5.70E+00	7.53E-01	5.70E+00	7.53E-01	5.70E+00	7.53E-01
1305	Gridded	3.84E-01	7.15E-02	52.43	16.22	2.60E+01	7.73E+00	4.58E+00	1.02E+00	4.58E+00	1.02E+00	4.58E+00	1.02E+00
1306	Gridded	4.36E-01	8.77E-02	54.88	15.98	2.71E+01	7.76E+00	4.49E+00	1.13E+00	4.49E+00	1.13E+00	4.49E+00	1.13E+00
1307	Gridded	5.59E-01	8.28E-02	50.15	15.62	2.45E+01	7.48E+00	5.65E+00	1.03E+00	5.65E+00	1.03E+00	5.65E+00	1.03E+00
1308	Gridded	3.19E-01	1.00E-01	51.43	10.72	2.54E+01	4.95E+00	4.05E+00	1.20E+00	4.05E+00	1.20E+00	4.05E+00	1.20E+00
1309	Gridded	4.35E-01	1.08E-01	50.86	12.63	2.52E+01	5.90E+00	4.39E+00	1.31E+00	4.39E+00	1.31E+00	4.39E+00	1.31E+00
1310	Gridded	4.57E-01	1.11E-01	49.31	14.44	2.43E+01	6.82E+00	4.61E+00	1.39E+00	4.61E+00	1.39E+00	4.61E+00	1.39E+00
1311	Gridded	3.91E-01	1.12E-01	46.66	16.15	2.30E+01	7.70E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00
1312	Gridded	3.99E-01	1.09E-01	49.95	17.63	2.45E+01	8.49E+00	4.93E+00	1.43E+00	4.93E+00	1.43E+00	4.93E+00	1.43E+00
1313	Gridded	3.88E-01	1.04E-01	52.21	18.37	2.56E+01	8.93E+00	4.77E+00	1.36E+00	4.77E+00	1.36E+00	4.77E+00	1.36E+00
1314	Gridded	4.15E-01	9.96E-02	54.02	17.68	2.67E+01	8.67E+00	5.06E+00	1.22E+00	5.06E+00	1.22E+00	5.06E+00	1.22E+00
1315	Gridded	4.30E-01	1.04E-01	55.36	15.37	2.72E+01	7.57E+00	5.14E+00	1.27E+00	5.14E+00	1.27E+00	5.14E+00	1.27E+00
1316	Gridded	4.13E-01	1.15E-01	58.28	13.15	2.88E+01	6.13E+00	5.22E+00	1.40E+00	5.22E+00	1.40E+00	5.22E+00	1.40E+00
1317	Gridded	4.62E-01	9.80E-02	60.35	12.99	2.99E+01	6.12E+00	5.49E+00	1.23E+00	5.49E+00	1.23E+00	5.49E+00	1.23E+00
1318	Gridded	3.93E-01	8.65E-02	58.40	12.43	2.88E+01	5.91E+00	5.07E+00	1.10E+00	5.07E+00	1.10E+00	5.07E+00	1.10E+00
1319	Gridded	4.57E-01	8.85E-02	55.20	11.89	2.72E+01	5.74E+00	5.33E+00	1.10E+00	5.33E+00	1.10E+00	5.33E+00	1.10E+00
1320	Gridded	4.26E-01	1.21E-01	59.70	14.39	2.95E+01	7.01E+00	4.91E+00	1.45E+00	4.91E+00	1.45E+00	4.91E+00	1.45E+00
1321	Gridded	5.75E-01	1.63E-01	62.19	17.95	3.07E+01	8.69E+00	5.80E+00	1.97E+00	5.80E+00	1.97E+00	5.80E+00	1.97E+00
1322	Gridded	5.59E-01	1.48E-01	68.83	24.69	3.40E+01	1.20E+01	5.64E+00	1.96E+00	5.64E+00	1.96E+00	5.64E+00	1.96E+00
1323	Gridded	4.20E-01	1.04E-01	60.95	16.59	3.02E+01	8.24E+00	4.52E+00	1.29E+00	4.52E+00	1.29E+00	4.52E+00	1.29E+00
1324	Gridded	5.07E-01	1.38E-01	65.54	18.17	3.22E+01	8.52E+00	6.23E+00	1.73E+00	6.23E+00	1.73E+00	6.23E+00	1.73E+00
1325	Gridded	3.99E-01	1.15E-01	64.11	16.52	3.14E+01	7.93E+00	4.99E+00	1.40E+00	4.99E+00	1.40E+00	4.99E+00	1.40E+00
1326	Gridded	4.15E-01	1.07E-01	58.63	13.03	2.88E+01	6.16E+00	4.81E+00	1.24E+00	4.81E+00	1.24E+00	4.81E+00	1.24E+00
1327	Gridded	5.17E-01	1.45E-01	62.11	16.82	2.96E+01	7.12E+00	6.35E+00	1.74E+00	6.35E+00	1.73E+00	6.35E+00	1.73E+00
1328	Gridded	4.35E-01	1.43E-01	61.34	15.55	2.96E+01	6.76E+00	5.52E+00	1.70E+00	5.52E+00	1.70E+00	5.52E+00	1.70E+00
1329	Gridded	7.36E-01	1.26E-01	57.12	12.81	2.74E+01	5.67E+00	7.50E+00	1.49E+00	7.50E+00	1.49E+00	7.50E+00	1.49E+00
1330	Gridded	7.22E-01	6.97E-02	51.98	10.26	2.50E+01	4.57E+00	7.31E+00	8.76E-01	7.31E+00	8.76E-01	7.31E+00	8.76E-01
1331	Gridded	1.39E+00	7.32E-02	59.31	8.25	2.93E+01	3.99E+00	1.41E+01	7.62E-01	1.41E+01	7.62E-01	1.41E+01	7.62E-01
1332	Gridded	4.14E-01	5.79E-02	94.54	11.49	4.60E+01	5.37E+00	5.70E+00	7.62E-01	5.70E+00	7.62E-01	5.70E+00	7.62E-01
1333	Gridded	3.72E-01	7.32E-02	69.81	11.97	3.31E+01	5.43E+00	4.58E+00	9.50E-01	4.58E+00	9.50E-01	4.58E+00	9.50E-01
1334	Gridded	3.74E-01	7.48E-02	69.81	9.60	3.33E+01	4.67E+00	4.91E+00	9.16E-01	4.91E+00	9.16E-01	4.91E+00	9.16E-01
1335	Gridded	4.65E-01	6.88E-02	85.82	8.61	4.06E+01	4.19E+00	6.28E+00	8.35E-01	6.28E+00	8.35E-01	6.28E+00	8.35E-01
1336	Gridded	5.07E-01	6.07E-02	75.67	13.74	3.54E+01	6.77E+00	6.49E+00	7.73E-01	6.49E+00	7.73E-01	6.49E+00	7.73E-01
1337	Gridded	4.33E-01	7.39E-02	52.82	18.19	2.43E+01	8.82E+00	5.30E+00	1.09E+00	5.30E+00	1.09E+00	5.30E+00	1.09E+00
1338	Gridded	4.25E-01	8.98E-02	50.90	16.15	2.48E+01	7.64E+00	4.33E+00	1.20E+00	4.33E+00	1.20E+00	4.33E+00	1.20E+00
1339	Gridded	4.78E-01	1.05E-01	46.58	14.41	2.30E+01	6.86E+00	4.83E+00	1.32E+00	4.83E+00	1.32E+00	4.83E+00	1.32E+00
1340	Gridded	3.73E-01	1.07E-01	45.92	16.12	2.26E+01	7.74E+00	4.55E+00	1.38E+00	4.55E+00	1.38E+00	4.55E+00	1.38E+00
1341	Gridded	3.81E-01	1.05E-01	49.51	17.23	2.37E+01	8.33E+00	4.76E+00	1.38E+00	4.76E+00	1.38E+00	4.76E+00	1.38E+00
1342	Gridded	3.61E-01	9.59E-02	51.11	17.47	2.47E+01	8.51E+00	4.50E+00	1.30E+00	4.50E+00	1.30E+00	4.50E+00	1.30E+00
1343	Gridded	3.78E-01	9.48E-02	51.69	17.04	2.55E+01	8.35E+00	4.62E+00	1.17E+00	4.62E+00	1.17E+00	4.62E+00	1.17E+00
1344	Gridded	3.84E-01	8.47E-02	53.15	15.68	2.60E+01	7.73E+00	4.73E+00	1.05E+00	4.73E+00	1.05E+00	4.73E+00	1.05E+00
1345	Gridded	4.17E-01	1.07E-01	55.85	13.13	2.77E+01	6.47E+00	5.19E+00	1.30E+00	5.19E+00	1.30E+00	5.19E+00	1.30E+00
1346	Gridded	4.02E-01	1.13E-01	58.05	12.85	2.86E+01	5.98E+00	4.84E+00	1.37E+00	4.84E+00	1.37E+00	4.84E+00	1.37E+00
1347	Gridded	4.39E-01	8.89E-02	58.42	11.86	2.90E+01	5.59E+00	5.43E+00	1.11E+00	5.42E+00	1.11E+00	5.42E+00	1.11E+00
1348	Gridded	3.82E-01	7.96E-02	59.53	11.55	2.94E+01	5.45E+00	4.65E+00	1.01E+00	4.65E+00	1.01E+00	4.65E+00	1.01E+00
1349	Gridded	4.81E-01	8.44E-02	51.73	11.11	2.52E+01	5.24E+00	5.26E+00	1.05E+00	5.26E+00	1.05E+00	5.26E+00	1.05E+00
1350	Gridded	4.28E-01	1.17E-01	57.04	13.13	2.83E+01	6.41E+00	5.03E+00	1.34E+00	5.03E+00	1.34E+00	5.03E+00	1.34E+00
1351	Gridded	6.30E-01	1.50E-01	58.14	17.63	2.85E+01	8.21E+00	6.36E+00	1.81E+00	6.36E+00	1.81E+00	6.36E+00	1.81E+00
1352	Gridded	6.30E-01	1.53E-01	66.94	23.83	3.30E+01	1.15E+01	6.36E+00	1.99E+00	6.36E+00	1.99E+00	6.36E+00	1.99E+00
1353	Gridded	3.75E-01	9.41E-02	64.36	20.85	3.19E+01	1.03E+01	4.76E+00	1.35E+00	4.76E+00	1.35E+00	4.76E+00	1.35E+00
1354	Gridded	4.10E-01	1.11E-01	54.72	14.94	2.69E+01	7.05E+00	4.68E+00	1.39E+00	4.68E+00	1.39E+00	4.68E+00	1.39E+00
1355	Gridded	4.36E-01	1.35E-01	65.51	19.04	3.21E+01	9.05E+00	5.64E+00	1.71E+00	5.64E+00	1.71E+00	5.64E+00	1.71E+00
1356	Gridded	3.67E-01	1.13E-01	58.65	13.79	2.88E+01	6.73E+00	4.62E+00	1.39E+00	4.62E+00	1.39E+00	4.62E+00	1.39E+00
1357	Gridded	4.18E-01	1.10E-01	54.38	13.03	2.64E+01	6.17E+00	4.44E+00	1.32E+00	4.44E+00	1.32E+00	4.44E+00	1.32E+00
1358	Gridded	4.86E-01	1.39E-01	64.44	18.14	3.10E+01	7.97E+00	6.10E+00	1.71E+00	6.10E+00	1.71E+00	6.10E+00	1.71E+00
1359	Gridded	4.15E-01	1.29E-01	61.38	15.58	2.97E+01	6.97E+00	5.24E+00	1.57E+00	5.24E+00	1.57E+00	5.24E+00	1.57E+00
1360	Gridded	8.47E-01	1.39E-01	55.99	16.35	2.71E+01	7.42E+00	8.58E+00	1.68E+00	8.58E+00	1.68E+00	8.58E+00	1.68E+00
1361	Gridded	9.74E-01	6.70E-02	54.60	10.88	2.64E+01	4.95E+00	9.85E+00	8.41E-01	9.85E+00	8.41E-01	9.85E+00	8.41E-01
1362	Gridded	1.47E+00	8.18E-02	48.67	8.83	2.37E+01	4.01E+00	1.48E+01	8.37E-01	1.48E+01	8.37E-01	1.48E+01	8.37E-01
1363	Gridded	3.38E-01	5.36E-02	81.42	8.71	4.00E+01	4.16E+00	4.98E+00	6.88E-01	4.98E+00	6.88E-01	4.98E+00	6.88E-01
1364	Gridded	3.88E-01	6.40E-02	90.41	12.30	4.38E+01	5.76E+00	5.54E+00	8.71E-01	5.54E+00	8.71E-01	5.54E+00	8.71E-01
1365	Gridded	3.07E-01	7.64E-02	58.83	12.44	2.77E+01	5.71E+00	3.98E+00	9.94E-01	3.98E+00	9.94E-01	3.98E+00	9.94E-01
1366	Gridded	3.69E-01	7.72E-02	80.92	10.79	3.89E+01	4.83E+00	5.25E+00	9.67E-01	5.25E+00	9.67E-01	5.25E+00	9.67E-01
1367	Gridded	5.11E-01	6.94E-02	95.44	9.53	4.56E+01	4.38E+00	6.93E+00	8.67E-01	6.93E+00	8.67E-01	6.93E+00	8.67E-01
1368	Gridded	5.40E-01	6.02E-02	85.50	13.56	4.05E+01	6.71E+00	7.02E+00	8.10E-01	7.02E+00	8.10E-01	7.02E+00	8.10E-01
1369	Gridded	4.66E-01	6.97E-02	61.92	18.11	2.91E+01	8.86E+00	5.82E+00	1.05E+00	5.82E+00	1.05E+00	5.82E+00	1.05E+00
1370	Gridded	3.58E-01	9.70E-02	47.59	16.14	2.29E+01	7.83E+00	4.50E+00	1.28E+00	4.50E+00	1.28E+00	4.50E+00	1.28E+00
1371	Gridded	3.44E-01	9.25E-02	49.97	16.76	2.42E+01	8.17E+00	4.40E+00	1.25E+00	4.40E+00	1.25E+00	4.40E+00	1.25E+00
1372	Gridded	3.45E-01	9.36E-02	50.14	16.66	2.47E+01	8.17E+00	4.31E+00	1.17E+00	4.31E+00	1.17E+00	4.31E+00	1.17E+00
1373	Gridded	3.55E-01	8.86E-02	50.77	15.46	2.50E+01	7.61E+00	4.53E+00	1.07E+00	4.53E+00	1.07E+00	4.53E+00	1.07E+00
1374	Gridded	3.82E-01	8.69E-02	54.56	13.59	2.69E+01	6.71E+00	4.73E+00	1.06E+00	4.72E+00	1.06E+00	4.72E+00	1.06E+00
1375	Gridded	3.72E-01	1.06E-01	55.19	11.53	2.71E+01	5.43E+00	4.80E+00	1.28E+00	4.80E+00	1.28E+00	4.80E+00	1.28E+00
1376	Gridded	3.97E-01	1.07E-01	56.25	11.95	2.78E+01	5.56E+00	4.77E+00	1.29E+00	4.77E+00	1.29E+00	4.77E+00	1.29E+00
1377	Gridded	4.11E-01	8.31E-02	57.81	11.16	2.83E+01	5.28E+00	5.24E+00	1.04E+00	5.24E+00	1.04E+00	5.24E+00	1.04E+00
1378	Gridded	3.97E-01	7.82E-02	58.35	11.35	2.89E+01	5.32E+00	4.60E+00	9.95E-01	4.60E+00	9.95E-01	4.60E+00	9.95E-01
1379	Gridded	5.16E-01	8.34E-02	55.04	10.74	2.70E+01	5.12E+00	5.21E+00	1.03E+00	5.21E+00	1.03E+00	5.21E+00	1.03E+00
1380	Gridded	4.16E-01	1.10E-01	58.18	12.23	2.89E+01	5.96E+00	5.04E+00	1.27E+00	5.04E+00	1.27E+00	5.04E+00	1.27E+00
1381	Gridded	5.11E-01	1.41E-01	58.01	17.40	2.87E+01	8.07E+00	5.33E+00	1.73E+00	5.33E+00	1.73E+00	5.33E+00	1.73E+00
1382	Gridded	6.08E-01	1.51E-01	58.98	22.31	2.88E+01	1.07E+01	6.14E+00	1.94E+00	6.14E+00	1.94E+00	6.14E+00	1.94E+00
1383	Gridded	5.46E-01	1.13E-01	61.79	22.19	3.03E+01	1.09E+01	5.51E+00	1.57E+00	5.51E+00	1.57E+00	5.51E+00	1.57E+00
1384	Gridded	3.86E-01	8.69E-02	59.59	13.76	2.96E+01	6.60E+00	3.97E+00	1.09E+00	3.97E+00	1.09E+00	3.97E+00	1.09E+00
1385	Gridded	3.94E-01	1.14E-01	55.46	15.96	2.72E+01	7.59E+00	4.92E+00	1.44E+00	4.92E+00	1.44E+00	4.92E+00	1.44E+00
1386	Gridded	4.13E-01	1.21E-01	59.45	17.74	2.93E+01	8.50E+00	4.71E+00	1.55E+00	4.71E+00	1.55E+00	4.71E+00	1.55E+00
1387	Gridded	3.57E-01	1.07E-01	54.20	13.79	2.65E+01	6.55E+00	4.30E+00	1.33E+00	4.30E+00	1.33E+00	4.30E+00	1.33E+00
1388	Gridded	3.86E-01	1.11E-01	52.82	13.78	2.56E+01	6.26E+00	4.07E+00	1.36E+00	4.07E+00	1.36E+00	4.07E+00	1.36E+00
1389	Gridded	4.40E-01	1.34E-01	61.80	18.01	2.99E+01	8.06E+00	5.59E+00	1.66E+00	5.59E+00	1.66E+00	5.59E+00	1.66E+00
1390	Gridded	3.90E-01	1.17E-01	56.95	15.67	2.77E+01	6.97E+00	4.72E+00	1.45E+00	4.72E+00	1.45E+00	4.72E+00	1.45E+00
1391	Gridded	6.17E-01	1.41E-01	49.50	18.01	2.40E+01	8.29E+00	6.25E+00	1.74E+00	6.25E+00	1.74E+00	6.25E+00	1.74E+00
1392	Gridded	5.18E-01	6.90E-02	48.30	10.09	2.35E+01	4.66E+00	5.25E+00	8.36E-01	5.25E+00	8.36E-01	5.25E+00	8.36E-01
1393	Gridded	1.26E+00	9.08E-02	44.01	9.94	2.14E+01	4.57E+00	1.28E+01	9.27E-01	1.27E+01	9.27E-01	1.27E+01	9.27E-01
1394	Gridded	5.49E-01	6.24E-02	57.66	7.40	2.85E+01	3.61E+00	5.54E+00	7.25E-01	5.54E+00	7.25E-01	5.54E+00	7.25E-01
1395	Gridded	3.69E-01	5.24E-02	88.89	10.99	4.35E+01	5.24E+00	5.42E+00	7.17E-01	5.42E+00	7.17E-01	5.42E+00	7.17E-01
1396	Gridded	3.63E-01	7.08E-02	82.25	13.40	3.97E+01	6.32E+00	5.21E+00	9.61E-01	5.21E+00	9.61E-01	5.21E+00	9.61E-01
1397	Gridded	3.27E-01	7.93E-02	58.36	13.34	2.82E+01	6.21E+00	4.15E+00	1.04E+00	4.15E+00	1.04E+00	4.15E+00	1.04E+00
1398	Gridded	4.12E-01	7.59E-02	88.33	11.26	4.26E+01	5.14E+00	5.83E+00	9.65E-01	5.83E+00	9.65E-01	5.83E+00	9.65E-01
1399	Gridded	5.31E-01	6.44E-02	98.76	9.50	4.75E+01	4.49E+00	7.21E+00	8.19E-01	7.21E+00	8.19E-01	7.21E+00	8.19E-01
1400	Gridded	5.46E-01	5.50E-02	87.54	11.94	4.19E+01	5.92E+00	7.14E+00	7.60E-01	7.14E+00	7.60E-01	7.14E+00	7.60E-01
1401	Gridded	3.16E-01	8.72E-02	47.31	15.50	2.33E+01	7.60E+00	4.06E+00	1.11E+00	4.06E+00	1.11E+00	4.06E+00	1.11E+00
1402	Gridded	3.35E-01	8.95E-02	48.90	14.98	2.40E+01	7.38E+00	4.25E+00	1.07E+00	4.25E+00	1.07E+00	4.25E+00	1.07E+00
1403	Gridded	3.41E-01	7.89E-02	51.83	13.60	2.55E+01	6.72E+00	4.19E+00	9.62E-01	4.19E+00	9.62E-01	4.19E+00	9.62E-01
1404	Gridded	3.57E-01	9.29E-02	51.07	11.70	2.53E+01	5.78E+00	4.56E+00	1.13E+00	4.56E+00	1.13E+00	4.56E+00	1.13E+00
1405	Gridded	3.51E-01	1.08E-01	55.34	11.43	2.73E+01	5.27E+00	4.37E+00	1.30E+00	4.37E+00	1.30E+00	4.37E+00	1.30E+00

1406	Gridded	4.04E-01	1.04E-01	54.53	11.41	2.70E+01	5.30E+00	4.86E+00	1.25E+00	4.86E+00	1.25E+00	4.86E+00	1.25E+00
1407	Gridded	3.78E-01	7.92E-02	58.80	10.74	2.89E+01	5.09E+00	4.91E+00	9.86E-01	4.91E+00	9.86E-01	4.91E+00	9.86E-01
1408	Gridded	4.16E-01	7.88E-02	55.42	11.06	2.75E+01	5.18E+00	4.92E+00	9.78E-01	4.92E+00	9.78E-01	4.92E+00	9.78E-01
1409	Gridded	5.55E-01	8.53E-02	56.11	10.67	2.77E+01	5.11E+00	5.60E+00	1.05E+00	5.60E+00	1.05E+00	5.60E+00	1.05E+00
1410	Gridded	4.22E-01	1.03E-01	59.57	11.95	2.95E+01	5.79E+00	4.99E+00	1.20E+00	4.99E+00	1.20E+00	4.99E+00	1.20E+00
1411	Gridded	4.38E-01	1.37E-01	60.15	16.91	2.97E+01	7.89E+00	5.20E+00	1.69E+00	5.20E+00	1.69E+00	5.20E+00	1.69E+00
1412	Gridded	8.13E-01	1.47E-01	59.94	22.63	2.98E+01	1.08E+01	8.21E+00	1.88E+00	8.21E+00	1.88E+00	8.21E+00	1.88E+00
1413	Gridded	6.34E-01	1.27E-01	60.77	22.84	3.01E+01	1.12E+01	6.40E+00	1.70E+00	6.40E+00	1.70E+00	6.40E+00	1.70E+00
1414	Gridded	3.29E-01	7.68E-02	59.92	16.60	2.95E+01	8.21E+00	4.39E+00	1.05E+00	4.39E+00	1.05E+00	4.39E+00	1.05E+00
1415	Gridded	3.97E-01	9.12E-02	46.25	12.96	2.26E+01	6.19E+00	4.04E+00	1.16E+00	4.04E+00	1.16E+00	4.04E+00	1.16E+00
1416	Gridded	4.01E-01	1.13E-01	53.51	16.40	2.62E+01	7.84E+00	4.62E+00	1.45E+00	4.62E+00	1.45E+00	4.62E+00	1.45E+00
1417	Gridded	3.53E-01	1.07E-01	50.63	15.39	2.48E+01	7.41E+00	3.84E+00	1.36E+00	3.84E+00	1.36E+00	3.84E+00	1.36E+00
1418	Gridded	3.62E-01	9.67E-02	50.56	13.39	2.48E+01	6.42E+00	4.50E+00	1.22E+00	4.49E+00	1.22E+00	4.49E+00	1.22E+00
1419	Gridded	3.32E-01	1.13E-01	49.19	14.85	2.39E+01	6.71E+00	3.84E+00	1.40E+00	3.84E+00	1.40E+00	3.84E+00	1.40E+00
1420	Gridded	4.04E-01	1.32E-01	58.70	18.21	2.85E+01	8.27E+00	5.16E+00	1.65E+00	5.16E+00	1.65E+00	5.16E+00	1.65E+00
1421	Gridded	3.56E-01	1.20E-01	52.46	16.72	2.55E+01	7.56E+00	4.37E+00	1.51E+00	4.37E+00	1.51E+00	4.37E+00	1.51E+00
1422	Gridded	3.73E-01	1.40E-01	50.45	18.89	2.37E+01	8.78E+00	4.67E+00	1.75E+00	4.67E+00	1.75E+00	4.67E+00	1.75E+00
1423	Gridded	5.66E-01	8.29E-02	47.09	10.14	2.29E+01	4.71E+00	5.77E+00	1.02E+00	5.76E+00	1.02E+00	5.76E+00	1.02E+00
1424	Gridded	8.89E-01	8.63E-02	45.46	10.68	2.21E+01	4.97E+00	9.00E+00	8.81E-01	9.00E+00	8.80E-01	9.00E+00	8.80E-01
1425	Gridded	9.29E-01	6.82E-02	43.82	8.36	2.18E+01	3.87E+00	9.38E+00	8.10E-01	9.38E+00	8.10E-01	9.38E+00	8.10E-01
1426	Gridded	3.43E-01	5.03E-02	72.42	8.49	3.56E+01	4.10E+00	4.51E+00	6.13E-01	4.51E+00	6.13E-01	4.51E+00	6.13E-01
1427	Gridded	3.80E-01	5.98E-02	89.61	12.46	4.37E+01	5.96E+00	5.54E+00	8.36E-01	5.54E+00	8.36E-01	5.54E+00	8.36E-01
1428	Gridded	3.44E-01	7.35E-02	76.03	13.92	3.66E+01	6.60E+00	4.90E+00	9.99E-01	4.90E+00	9.99E-01	4.90E+00	9.99E-01
1429	Gridded	3.30E-01	7.57E-02	65.11	12.81	3.16E+01	5.98E+00	4.28E+00	9.97E-01	4.28E+00	9.97E-01	4.28E+00	9.97E-01
1430	Gridded	4.27E-01	6.87E-02	89.10	10.37	4.32E+01	4.76E+00	5.99E+00	8.78E-01	5.99E+00	8.78E-01	5.99E+00	8.78E-01
1431	Gridded	5.20E-01	5.89E-02	95.39	8.79	4.60E+01	4.19E+00	7.04E+00	7.52E-01	7.04E+00	7.52E-01	7.04E+00	7.52E-01
1432	Gridded	2.99E-01	7.89E-02	47.42	12.95	2.33E+01	6.39E+00	3.91E+00	9.47E-01	3.91E+00	9.47E-01	3.91E+00	9.47E-01
1433	Gridded	3.28E-01	7.62E-02	49.06	11.60	2.43E+01	5.73E+00	4.15E+00	9.38E-01	4.15E+00	9.38E-01	4.15E+00	9.38E-01
1434	Gridded	3.26E-01	9.46E-02	51.37	10.61	2.52E+01	4.89E+00	4.26E+00	1.14E+00	4.26E+00	1.14E+00	4.26E+00	1.14E+00
1435	Gridded	3.76E-01	1.07E-01	52.16	11.42	2.58E+01	5.26E+00	4.04E+00	1.29E+00	4.04E+00	1.29E+00	4.04E+00	1.29E+00
1436	Gridded	4.15E-01	1.01E-01	51.92	11.19	2.54E+01	5.19E+00	4.71E+00	1.22E+00	4.71E+00	1.22E+00	4.71E+00	1.22E+00
1437	Gridded	3.90E-01	7.59E-02	59.14	10.62	2.92E+01	5.04E+00	4.60E+00	9.35E-01	4.60E+00	9.35E-01	4.60E+00	9.35E-01
1438	Gridded	4.17E-01	8.16E-02	55.87	10.97	2.76E+01	5.13E+00	5.05E+00	9.94E-01	5.05E+00	9.94E-01	5.05E+00	9.94E-01
1439	Gridded	5.63E-01	8.66E-02	55.16	10.33	2.72E+01	4.97E+00	5.68E+00	1.06E+00	5.68E+00	1.06E+00	5.68E+00	1.06E+00
1440	Gridded	3.90E-01	9.60E-02	58.34	11.13	2.89E+01	5.41E+00	4.77E+00	1.12E+00	4.77E+00	1.12E+00	4.77E+00	1.12E+00
1441	Gridded	4.63E-01	1.34E-01	60.62	16.51	3.00E+01	7.76E+00	5.04E+00	1.65E+00	5.04E+00	1.65E+00	5.04E+00	1.65E+00
1442	Gridded	8.58E-01	1.45E-01	61.11	22.96	3.03E+01	1.10E+01	8.66E+00	1.89E+00	8.66E+00	1.89E+00	8.66E+00	1.89E+00
1443	Gridded	5.74E-01	1.35E-01	63.51	23.27	3.14E+01	1.14E+01	5.79E+00	1.78E+00	5.79E+00	1.78E+00	5.79E+00	1.78E+00
1444	Gridded	5.09E-01	9.96E-02	60.37	19.33	2.98E+01	9.54E+00	5.13E+00	1.29E+00	5.13E+00	1.29E+00	5.13E+00	1.29E+00
1445	Gridded	3.68E-01	7.53E-02	48.99	12.04	2.43E+01	5.78E+00	3.77E+00	9.39E-01	3.77E+00	9.39E-01	3.77E+00	9.39E-01
1446	Gridded	3.07E-01	9.39E-02	46.51	13.75	2.26E+01	6.60E+00	3.97E+00	1.20E+00	3.97E+00	1.20E+00	3.97E+00	1.20E+00
1447	Gridded	3.62E-01	1.09E-01	51.35	16.19	2.52E+01	7.78E+00	4.16E+00	1.40E+00	4.16E+00	1.40E+00	4.16E+00	1.40E+00
1448	Gridded	3.63E-01	9.81E-02	45.84	13.07	2.24E+01	6.33E+00	3.76E+00	1.21E+00	3.76E+00	1.21E+00	3.76E+00	1.21E+00
1449	Gridded	3.68E-01	8.64E-02	51.68	12.56	2.47E+01	6.06E+00	4.58E+00	1.11E+00	4.58E+00	1.11E+00	4.58E+00	1.11E+00
1450	Gridded	2.93E-01	1.14E-01	46.09	15.89	2.25E+01	7.30E+00	3.66E+00	1.43E+00	3.66E+00	1.43E+00	3.66E+00	1.43E+00
1451	Gridded	3.86E-01	1.29E-01	54.70	18.69	2.66E+01	8.60E+00	4.67E+00	1.64E+00	4.67E+00	1.64E+00	4.67E+00	1.64E+00
1452	Gridded	3.32E-01	1.22E-01	48.18	17.94	2.35E+01	8.24E+00	4.07E+00	1.55E+00	4.07E+00	1.55E+00	4.07E+00	1.55E+00
1453	Gridded	3.55E-01	1.35E-01	49.03	19.05	2.31E+01	8.94E+00	4.48E+00	1.70E+00	4.48E+00	1.70E+00	4.48E+00	1.70E+00
1454	Gridded	7.00E-01	9.49E-02	46.97	12.53	2.27E+01	5.88E+00	7.10E+00	1.18E+00	7.10E+00	1.18E+00	7.10E+00	1.18E+00
1455	Gridded	6.33E-01	6.71E-02	42.64	11.03	2.08E+01	5.12E+00	6.42E+00	8.76E-01	6.42E+00	8.76E-01	6.42E+00	8.76E-01
1456	Gridded	1.10E+00	7.55E-02	40.13	9.43	1.94E+01	4.42E+00	1.12E+01	8.17E-01	1.12E+01	8.17E-01	1.12E+01	8.17E-01
1457	Gridded	2.48E-01	5.78E-02	52.06	6.77	2.57E+01	3.11E+00	3.41E+00	6.88E-01	3.41E+00	6.88E-01	3.41E+00	6.88E-01
1458	Gridded	3.69E-01	5.16E-02	80.18	10.11	3.93E+01	4.88E+00	4.96E+00	6.44E-01	4.96E+00	6.44E-01	4.96E+00	6.44E-01
1459	Gridded	3.73E-01	6.24E-02	85.57	12.61	4.16E+01	6.04E+00	5.40E+00	8.65E-01	5.40E+00	8.65E-01	5.40E+00	8.65E-01
1460	Gridded	3.22E-01	7.14E-02	69.39	13.29	3.34E+01	6.31E+00	4.56E+00	9.66E-01	4.56E+00	9.66E-01	4.56E+00	9.66E-01
1461	Gridded	3.22E-01	7.11E-02	64.01	11.86	3.10E+01	5.55E+00	4.20E+00	9.34E-01	4.20E+00	9.34E-01	4.20E+00	9.34E-01
1462	Gridded	4.22E-01	6.47E-02	83.48	9.90	4.04E+01	4.58E+00	5.84E+00	8.31E-01	5.84E+00	8.31E-01	5.84E+00	8.31E-01
1463	Gridded	3.02E-01	7.83E-02	45.32	9.83	2.22E+01	4.85E+00	3.91E+00	9.58E-01	3.91E+00	9.58E-01	3.91E+00	9.58E-01
1464	Gridded	2.82E-01	9.34E-02	47.98	10.25	2.36E+01	4.71E+00	3.76E+00	1.13E+00	3.76E+00	1.13E+00	3.76E+00	1.13E+00
1465	Gridded	3.80E-01	9.97E-02	47.54	10.60	2.36E+01	4.89E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00
1466	Gridded	3.82E-01	9.06E-02	51.47	10.29	2.52E+01	4.78E+00	4.42E+00	1.10E+00	4.42E+00	1.10E+00	4.42E+00	1.10E+00
1467	Gridded	3.84E-01	7.35E-02	55.07	10.59	2.72E+01	5.03E+00	4.57E+00	9.09E-01	4.57E+00	9.09E-01	4.57E+00	9.09E-01
1468	Gridded	4.15E-01	8.30E-02	53.89	11.04	2.66E+01	5.14E+00	5.09E+00	1.01E+00	5.09E+00	1.01E+00	5.09E+00	1.01E+00
1469	Gridded	5.12E-01	8.74E-02	54.88	10.24	2.71E+01	4.82E+00	5.17E+00	1.06E+00	5.17E+00	1.06E+00	5.17E+00	1.06E+00
1470	Gridded	4.10E-01	8.87E-02	56.87	10.39	2.81E+01	5.06E+00	4.58E+00	1.05E+00	4.58E+00	1.05E+00	4.58E+00	1.05E+00
1471	Gridded	4.68E-01	1.25E-01	57.35	15.53	2.83E+01	7.34E+00	4.79E+00	1.55E+00	4.79E+00	1.55E+00	4.79E+00	1.55E+00
1472	Gridded	4.26E-01	1.42E-01	59.10	22.14	2.93E+01	1.06E+01	5.30E+00	1.85E+00	5.30E+00	1.85E+00	5.30E+00	1.85E+00
1473	Gridded	7.84E-01	1.37E-01	61.24	23.54	3.02E+01	1.13E+01	7.91E+00	1.83E+00	7.91E+00	1.83E+00	7.91E+00	1.83E+00
1474	Gridded	7.94E-01	1.20E-01	60.67	20.60	2.98E+01	1.01E+01	8.01E+00	1.53E+00	8.01E+00	1.53E+00	8.01E+00	1.53E+00
1475	Gridded	3.02E-01	7.00E-02	56.14	13.80	2.76E+01	6.84E+00	4.00E+00	9.08E-01	4.00E+00	9.08E-01	4.00E+00	9.08E-01
1476	Gridded	3.50E-01	7.58E-02	44.34	11.32	2.12E+01	5.45E+00	3.66E+00	9.76E-01	3.66E+00	9.75E-01	3.66E+00	9.75E-01
1477	Gridded	3.23E-01	9.45E-02	49.04	14.19	2.40E+01	6.83E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00
1478	Gridded	3.23E-01	1.02E-01	48.17	15.02	2.34E+01	7.23E+00	3.64E+00	1.31E+00	3.64E+00	1.31E+00	3.64E+00	1.31E+00
1479	Gridded	3.65E-01	9.34E-02	43.58	12.14	2.11E+01	5.78E+00	3.78E+00	1.17E+00	3.78E+00	1.17E+00	3.78E+00	1.17E+00
1480	Gridded	3.69E-01	7.62E-02	53.75	11.50	2.60E+01	5.57E+00	4.44E+00	9.85E-01	4.44E+00	9.85E-01	4.44E+00	9.85E-01
1481	Gridded	3.02E-01	1.14E-01	47.05	16.80	2.33E+01	7.81E+00	3.69E+00	1.45E+00	3.69E+00	1.45E+00	3.69E+00	1.45E+00
1482	Gridded	3.80E-01	1.26E-01	52.02	19.01	2.54E+01	8.84E+00	4.34E+00	1.61E+00	4.34E+00	1.61E+00	4.34E+00	1.61E+00
1483	Gridded	3.16E-01	1.22E-01	45.16	18.96	2.20E+01	8.82E+00	3.91E+00	1.58E+00	3.91E+00	1.58E+00	3.91E+00	1.58E+00
1484	Gridded	3.48E-01	1.30E-01	48.26	19.10	2.29E+01	9.03E+00	4.38E+00	1.66E+00	4.38E+00	1.66E+00	4.38E+00	1.66E+00
1485	Gridded	6.08E-01	1.03E-01	44.84	14.53	2.17E+01	6.87E+00	6.16E+00	1.31E+00	6.16E+00	1.31E+00	6.16E+00	1.31E+00
1486	Gridded	4.37E-01	6.11E-02	41.84	10.79	1.98E+01	5.08E+00	4.44E+00	8.14E-01	4.44E+00	8.14E-01	4.44E+00	8.14E-01
1487	Gridded	1.17E+00	8.22E-02	40.12	9.92	1.90E+01	4.68E+00	1.18E+01	8.37E-01	1.18E+01	8.37E-01	1.18E+01	8.37E-01
1488	Gridded	3.48E-01	6.12E-02	45.88	7.69	2.30E+01	3.59E+00	3.51E+00	7.43E-01	3.51E+00	7.43E-01	3.51E+00	7.43E-01
1489	Gridded	3.08E-01	4.61E-02	63.10	7.39	3.10E+01	3.59E+00	3.95E+00	5.90E-01	3.95E+00	5.90E-01	3.95E+00	5.90E-01
1490	Gridded	3.59E-01	5.17E-02	83.68	10.85	4.09E+01	5.24E+00	5.22E+00	7.17E-01	5.22E+00	7.17E-01	5.22E+00	7.17E-01
1491	Gridded	3.60E-01	6.36E-02	82.61	12.51	4.01E+01	5.99E+00	5.21E+00	8.75E-01	5.21E+00	8.75E-01	5.21E+00	8.75E-01
1492	Gridded	3.03E-01	6.95E-02	63.44	12.69	3.05E+01	6.03E+00	4.18E+00	9.37E-01	4.18E+00	9.37E-01	4.18E+00	9.37E-01
1493	Gridded	3.10E-01	6.80E-02	60.94	11.41	2.95E+01	5.37E+00	4.25E+00	8.96E-01	4.25E+00	8.96E-01	4.25E+00	8.96E-01
1494	Gridded	2.63E-01	9.11E-02	44.12	9.92	2.18E+01	4.56E+00	3.39E+00	1.10E+00	3.39E+00	1.10E+00	3.39E+00	1.10E+00
1495	Gridded	3.67E-01	9.18E-02	44.13	9.82	2.17E+01	4.53E+00	3.79E+00	1.10E+00	3.79E+00	1.10E+00	3.79E+00	1.10E+00
1496	Gridded	3.28E-01	7.92E-02	48.37	9.06	2.38E+01	4.28E+00	3.97E+00	9.64E-01	3.97E+00	9.63E-01	3.97E+00	9.63E-01
1497	Gridded	3.61E-01	6.64E-02	49.73	9.91	2.46E+01	4.71E+00	4.35E+00	8.26E-01	4.35E+00	8.26E-01	4.35E+00	8.26E-01
1498	Gridded	3.86E-01	7.77E-02	50.74	10.59	2.50E+01	4.93E+00	4.79E+00	9.50E-01	4.79E+00	9.49E-01	4.79E+00	9.49E-01
1499	Gridded	4.50E-01	8.62E-02	51.79	10.21	2.56E+01	4.66E+00	4.54E+00	1.05E+00	4.54E+00	1.05E+00	4.54E+00	1.05E+00
1500	Gridded	4.38E-01	8.72E-02	54.99	9.85	2.72E+01	4.80E+00	4.44E+00	1.03E+00	4.44E+00	1.03E+00	4.44E+00	1.03E+00
1501	Gridded	4.44E-01	1.16E-01	55.43	14.51	2.73E+01	6.89E+00	4.64E+00	1.44E+00	4.64E+00	1.44E+00	4.64E+00	1.44E+00
1502	Gridded	4.08E-01	1.35E-01	55.26	20.71	2.73E+01	9.98E+00	5.06E+00	1.75E+00	5.06E+00	1.75E+00	5.06E+00	1.75E+00
1503	Gridded	5.01E-01	1.31E-01	56.48	23.16	2.78E+01	1.12E+01	5.05E+00	1.76E+00	5.05E+00	1.76E+00	5.05E+00	1.76E+00
1504	Gridded	6.80E-01	1.26E-01	56.65	20.53	2.79E+01	1.01E+01	6.86E+00	1.62E+00	6.86E+00	1.62E+00	6.86E+00	1.62E+00
1505	Gridded	5.30E-01	9.40E-02	56.36	15.96	2.76E+01	7.89E+00	5.35E+00	1.17E+00	5.35E+00	1.17E+00	5.35E+00	1.17E+00
1506	Gridded	3.92E-01	7.35E-02	46.33	11.06	2.24E+01	5.33E+00	3.99E+00	9.01E-01	3.99E+00	9.01E-01	3.99E+00	9.01E-01
1507	Gridded	3.56E-01	7.89E-02	46.79	11.90	2.27E+01	5.74E+00	3.65E+00	1.02E+00	3.65E+00	1.02E+00	3.65E+00	1.02E+00

1508	Gridded	3.53E-01	9.27E-02	46.96	14.27	2.25E+01	6.88E+00	4.07E+00	1.20E+00	4.07E+00	1.20E+00	4.07E+00	1.20E+00
1509	Gridded	3.35E-01	9.28E-02	42.19	13.56	2.04E+01	6.54E+00	3.54E+00	1.19E+00	3.53E+00	1.19E+00	3.53E+00	1.19E+00
1510	Gridded	3.27E-01	8.84E-02	41.28	11.75	2.01E+01	5.61E+00	3.79E+00	1.11E+00	3.79E+00	1.11E+00	3.79E+00	1.11E+00
1511	Gridded	3.74E-01	7.91E-02	54.40	10.64	2.65E+01	5.14E+00	4.22E+00	9.89E-01	4.22E+00	9.89E-01	4.22E+00	9.89E-01
1512	Gridded	3.02E-01	1.12E-01	48.41	17.21	2.40E+01	8.06E+00	3.79E+00	1.44E+00	3.79E+00	1.44E+00	3.79E+00	1.44E+00
1513	Gridded	3.67E-01	1.19E-01	48.42	18.66	2.36E+01	8.74E+00	3.96E+00	1.54E+00	3.96E+00	1.54E+00	3.96E+00	1.54E+00
1514	Gridded	2.92E-01	1.18E-01	43.82	18.96	2.13E+01	8.88E+00	3.65E+00	1.54E+00	3.65E+00	1.54E+00	3.65E+00	1.54E+00
1515	Gridded	3.51E-01	1.20E-01	50.21	18.20	2.41E+01	8.65E+00	4.47E+00	1.54E+00	4.47E+00	1.54E+00	4.47E+00	1.54E+00
1516	Gridded	4.07E-01	1.09E-01	46.82	16.02	2.23E+01	7.61E+00	4.13E+00	1.39E+00	4.13E+00	1.39E+00	4.13E+00	1.39E+00
1517	Gridded	5.12E-01	5.65E-02	41.26	9.84	1.96E+01	4.67E+00	5.19E+00	7.13E-01	5.19E+00	7.13E-01	5.19E+00	7.13E-01
1518	Gridded	1.05E+00	7.91E-02	41.38	10.78	1.98E+01	5.09E+00	1.06E+01	8.39E-01	1.06E+01	8.39E-01	1.06E+01	8.39E-01
1519	Gridded	5.12E-01	6.24E-02	41.62	8.45	2.08E+01	3.98E+00	5.17E+00	7.70E-01	5.17E+00	7.70E-01	5.17E+00	7.70E-01
1520	Gridded	2.59E-01	5.13E-02	50.30	6.60	2.51E+01	3.09E+00	3.59E+00	6.19E-01	3.59E+00	6.19E-01	3.59E+00	6.19E-01
1521	Gridded	3.75E-01	4.80E-02	70.86	8.66	3.48E+01	4.21E+00	4.38E+00	6.08E-01	4.37E+00	6.08E-01	4.37E+00	6.08E-01
1522	Gridded	3.50E-01	5.46E-02	82.35	11.25	4.02E+01	5.43E+00	5.11E+00	7.63E-01	5.11E+00	7.63E-01	5.11E+00	7.63E-01
1523	Gridded	3.34E-01	6.43E-02	74.95	12.49	3.63E+01	6.00E+00	4.79E+00	8.83E-01	4.79E+00	8.83E-01	4.79E+00	8.83E-01
1524	Gridded	3.00E-01	6.78E-02	56.81	12.34	2.73E+01	5.88E+00	4.05E+00	9.13E-01	4.05E+00	9.13E-01	4.05E+00	9.13E-01
1525	Gridded	3.44E-01	8.43E-02	41.35	9.15	2.04E+01	4.22E+00	3.57E+00	1.01E+00	3.57E+00	1.01E+00	3.57E+00	1.01E+00
1526	Gridded	2.89E-01	7.01E-02	45.13	8.49	2.22E+01	4.08E+00	3.58E+00	8.54E-01	3.58E+00	8.54E-01	3.58E+00	8.54E-01
1527	Gridded	3.41E-01	6.00E-02	45.20	9.19	2.23E+01	4.37E+00	4.14E+00	7.60E-01	4.14E+00	7.60E-01	4.14E+00	7.60E-01
1528	Gridded	3.50E-01	6.92E-02	45.79	9.56	2.25E+01	4.46E+00	4.37E+00	8.47E-01	4.37E+00	8.47E-01	4.37E+00	8.47E-01
1529	Gridded	3.92E-01	7.76E-02	48.75	9.35	2.39E+01	4.26E+00	4.12E+00	9.48E-01	4.11E+00	9.48E-01	4.11E+00	9.48E-01
1530	Gridded	4.58E-01	8.26E-02	51.57	9.12	2.55E+01	4.45E+00	4.64E+00	9.77E-01	4.64E+00	9.77E-01	4.64E+00	9.77E-01
1531	Gridded	3.89E-01	1.07E-01	51.69	13.37	2.55E+01	6.36E+00	4.24E+00	1.32E+00	4.24E+00	1.32E+00	4.24E+00	1.32E+00
1532	Gridded	4.01E-01	1.28E-01	52.09	19.17	2.57E+01	9.25E+00	4.69E+00	1.65E+00	4.69E+00	1.65E+00	4.69E+00	1.65E+00
1533	Gridded	3.44E-01	1.26E-01	54.42	22.31	2.68E+01	1.08E+01	4.50E+00	1.69E+00	4.50E+00	1.69E+00	4.50E+00	1.69E+00
1534	Gridded	6.02E-01	1.18E-01	52.67	20.06	2.61E+01	9.60E+00	6.07E+00	1.56E+00	6.07E+00	1.56E+00	6.07E+00	1.56E+00
1535	Gridded	6.81E-01	1.09E-01	54.71	16.87	2.70E+01	8.32E+00	6.88E+00	1.36E+00	6.88E+00	1.36E+00	6.88E+00	1.36E+00
1536	Gridded	3.29E-01	6.65E-02	50.77	11.89	2.50E+01	5.70E+00	3.57E+00	8.35E-01	3.57E+00	8.35E-01	3.57E+00	8.35E-01
1537	Gridded	3.37E-01	7.55E-02	45.48	10.08	2.20E+01	4.87E+00	3.84E+00	9.29E-01	3.84E+00	9.29E-01	3.84E+00	9.29E-01
1538	Gridded	3.05E-01	8.12E-02	47.14	12.87	2.31E+01	6.11E+00	3.81E+00	1.06E+00	3.81E+00	1.06E+00	3.81E+00	1.06E+00
1539	Gridded	3.76E-01	9.25E-02	50.50	14.32	2.45E+01	6.79E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00
1540	Gridded	3.52E-01	8.67E-02	42.92	12.68	2.03E+01	6.03E+00	3.67E+00	1.10E+00	3.67E+00	1.10E+00	3.67E+00	1.10E+00
1541	Gridded	3.28E-01	8.35E-02	45.18	11.40	2.17E+01	5.47E+00	4.06E+00	1.06E+00	4.06E+00	1.06E+00	4.06E+00	1.06E+00
1542	Gridded	3.95E-01	8.32E-02	51.42	11.72	2.52E+01	5.48E+00	3.99E+00	1.05E+00	3.99E+00	1.05E+00	3.99E+00	1.05E+00
1543	Gridded	3.01E-01	1.11E-01	49.21	17.50	2.44E+01	8.24E+00	3.80E+00	1.44E+00	3.80E+00	1.44E+00	3.80E+00	1.44E+00
1544	Gridded	3.74E-01	1.18E-01	48.70	18.57	2.38E+01	8.75E+00	3.81E+00	1.53E+00	3.81E+00	1.53E+00	3.81E+00	1.53E+00
1545	Gridded	2.66E-01	1.16E-01	41.85	18.61	2.03E+01	8.77E+00	3.40E+00	1.51E+00	3.40E+00	1.51E+00	3.40E+00	1.51E+00
1546	Gridded	3.44E-01	1.10E-01	50.39	17.02	2.42E+01	8.12E+00	4.40E+00	1.42E+00	4.40E+00	1.42E+00	4.40E+00	1.42E+00
1547	Gridded	3.74E-01	1.10E-01	46.91	16.74	2.26E+01	7.99E+00	4.00E+00	1.42E+00	4.00E+00	1.42E+00	4.00E+00	1.42E+00
1548	Gridded	6.06E-01	6.53E-02	40.37	9.19	1.97E+01	4.38E+00	6.13E+00	8.28E-01	6.13E+00	8.28E-01	6.13E+00	8.28E-01
1549	Gridded	6.40E-01	6.30E-02	41.49	11.16	1.99E+01	5.30E+00	6.48E+00	8.42E-01	6.48E+00	8.42E-01	6.48E+00	8.42E-01
1550	Gridded	3.82E-01	6.16E-02	37.68	8.95	1.80E+01	4.25E+00	3.86E+00	7.70E-01	3.86E+00	7.70E-01	3.86E+00	7.70E-01
1551	Gridded	2.38E-01	5.64E-02	48.74	6.95	2.44E+01	3.26E+00	3.35E+00	6.90E-01	3.35E+00	6.90E-01	3.35E+00	6.90E-01
1552	Gridded	3.10E-01	4.41E-02	53.33	6.90	2.62E+01	3.22E+00	3.69E+00	5.70E-01	3.69E+00	5.70E-01	3.69E+00	5.70E-01
1553	Gridded	3.04E-01	4.97E-02	71.80	9.50	3.51E+01	4.62E+00	4.45E+00	6.27E-01	4.45E+00	6.27E-01	4.45E+00	6.27E-01
1554	Gridded	3.34E-01	5.60E-02	76.35	11.28	3.71E+01	5.45E+00	4.83E+00	7.78E-01	4.83E+00	7.78E-01	4.83E+00	7.78E-01
1555	Gridded	3.12E-01	6.29E-02	67.77	12.04	3.28E+01	5.78E+00	4.43E+00	8.60E-01	4.43E+00	8.60E-01	4.43E+00	8.60E-01
1556	Gridded	2.70E-01	6.16E-02	41.57	8.20	2.05E+01	3.94E+00	3.30E+00	7.53E-01	3.30E+00	7.53E-01	3.30E+00	7.53E-01
1557	Gridded	3.24E-01	5.74E-02	42.18	8.72	2.08E+01	4.14E+00	3.97E+00	7.18E-01	3.97E+00	7.18E-01	3.97E+00	7.18E-01
1558	Gridded	3.28E-01	6.29E-02	43.37	8.78	2.08E+01	4.09E+00	4.11E+00	7.72E-01	4.11E+00	7.72E-01	4.11E+00	7.72E-01
1559	Gridded	3.26E-01	6.86E-02	44.43	8.41	2.18E+01	3.83E+00	3.71E+00	8.42E-01	3.71E+00	8.42E-01	3.71E+00	8.42E-01
1560	Gridded	4.46E-01	7.32E-02	46.64	8.06	2.30E+01	3.93E+00	4.51E+00	8.68E-01	4.51E+00	8.68E-01	4.51E+00	8.68E-01
1561	Gridded	3.26E-01	9.61E-02	48.34	12.06	2.38E+01	5.75E+00	3.94E+00	1.19E+00	3.94E+00	1.19E+00	3.94E+00	1.19E+00
1562	Gridded	4.25E-01	1.20E-01	49.72	17.68	2.45E+01	8.54E+00	4.44E+00	1.54E+00	4.44E+00	1.54E+00	4.44E+00	1.54E+00
1563	Gridded	3.40E-01	1.22E-01	51.89	21.19	2.54E+01	1.03E+01	4.41E+00	1.63E+00	4.41E+00	1.63E+00	4.41E+00	1.63E+00
1564	Gridded	2.97E-01	1.10E-01	48.72	20.16	2.40E+01	9.66E+00	3.85E+00	1.49E+00	3.85E+00	1.49E+00	3.85E+00	1.49E+00
1565	Gridded	6.32E-01	1.06E-01	50.58	16.83	2.50E+01	8.29E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00
1566	Gridded	4.40E-01	8.30E-02	51.95	12.69	2.55E+01	6.28E+00	4.44E+00	1.02E+00	4.44E+00	1.02E+00	4.44E+00	1.02E+00
1567	Gridded	3.69E-01	6.77E-02	48.12	9.93	2.35E+01	4.80E+00	3.75E+00	8.22E-01	3.75E+00	8.22E-01	3.75E+00	8.22E-01
1568	Gridded	3.70E-01	7.95E-02	49.15	10.94	2.38E+01	5.25E+00	3.74E+00	1.00E+00	3.74E+00	1.00E+00	3.74E+00	1.00E+00
1569	Gridded	4.05E-01	8.49E-02	46.33	13.78	2.26E+01	6.56E+00	4.10E+00	1.11E+00	4.10E+00	1.11E+00	4.10E+00	1.11E+00
1570	Gridded	3.77E-01	9.35E-02	49.71	14.72	2.42E+01	7.02E+00	3.80E+00	1.20E+00	3.80E+00	1.19E+00	3.80E+00	1.19E+00
1571	Gridded	3.69E-01	8.70E-02	48.20	12.30	2.31E+01	5.90E+00	3.91E+00	1.08E+00	3.91E+00	1.08E+00	3.91E+00	1.08E+00
1572	Gridded	3.74E-01	7.79E-02	50.57	11.46	2.45E+01	5.44E+00	4.26E+00	9.90E-01	4.26E+00	9.90E-01	4.26E+00	9.90E-01
1573	Gridded	4.24E-01	8.82E-02	48.26	12.91	2.37E+01	6.08E+00	4.28E+00	1.13E+00	4.28E+00	1.13E+00	4.28E+00	1.13E+00
1574	Gridded	3.09E-01	1.12E-01	48.99	17.84	2.43E+01	8.44E+00	3.85E+00	1.46E+00	3.85E+00	1.46E+00	3.85E+00	1.46E+00
1575	Gridded	3.87E-01	1.20E-01	48.37	19.02	2.37E+01	9.01E+00	3.94E+00	1.56E+00	3.94E+00	1.56E+00	3.94E+00	1.56E+00
1576	Gridded	2.92E-01	1.17E-01	42.64	19.04	2.04E+01	9.02E+00	3.51E+00	1.53E+00	3.51E+00	1.53E+00	3.51E+00	1.53E+00
1577	Gridded	3.36E-01	1.02E-01	50.19	16.07	2.42E+01	7.70E+00	4.32E+00	1.33E+00	4.32E+00	1.33E+00	4.32E+00	1.33E+00
1578	Gridded	3.38E-01	1.10E-01	47.50	17.13	2.29E+01	8.21E+00	3.97E+00	1.42E+00	3.97E+00	1.42E+00	3.97E+00	1.42E+00
1579	Gridded	5.30E-01	7.26E-02	38.48	10.71	1.88E+01	5.12E+00	5.37E+00	9.31E-01	5.36E+00	9.31E-01	5.36E+00	9.31E-01
1580	Gridded	6.40E-01	5.93E-02	40.26	10.81	1.93E+01	5.17E+00	6.48E+00	7.99E-01	6.48E+00	7.99E-01	6.48E+00	7.99E-01
1581	Gridded	3.73E-01	5.92E-02	37.37	9.62	1.80E+01	4.57E+00	3.78E+00	7.59E-01	3.77E+00	7.59E-01	3.77E+00	7.59E-01
1582	Gridded	2.76E-01	5.88E-02	44.00	7.79	2.20E+01	3.60E+00	2.95E+00	7.31E-01	2.95E+00	7.31E-01	2.95E+00	7.31E-01
1583	Gridded	2.60E-01	4.77E-02	51.63	6.61	2.58E+01	3.13E+00	3.63E+00	5.81E-01	3.63E+00	5.81E-01	3.63E+00	5.81E-01
1584	Gridded	3.56E-01	4.57E-02	57.52	7.48	2.82E+01	3.65E+00	3.65E+00	5.87E-01	3.65E+00	5.87E-01	3.65E+00	5.87E-01
1585	Gridded	3.09E-01	4.86E-02	70.76	9.66	3.45E+01	4.69E+00	4.47E+00	6.54E-01	4.47E+00	6.54E-01	4.47E+00	6.54E-01
1586	Gridded	3.24E-01	5.54E-02	72.86	10.96	3.54E+01	5.30E+00	4.66E+00	7.66E-01	4.66E+00	7.66E-01	4.66E+00	7.66E-01
1587	Gridded	5.03E-01	1.28E-01	62.05	12.30	3.09E+01	5.92E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00
1588	Gridded	5.03E-01	1.28E-01	62.05	12.30	3.09E+01	5.92E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00
1589	Gridded	4.48E-01	1.80E-01	59.85	19.24	2.95E+01	9.33E+00	5.24E+00	1.99E+00	5.24E+00	1.99E+00	5.24E+00	1.99E+00
1590	Gridded	6.15E-01	1.95E-01	63.59	22.38	3.13E+01	1.07E+01	6.21E+00	2.20E+00	6.21E+00	2.20E+00	6.21E+00	2.20E+00
1591	Gridded	5.69E-01	1.88E-01	73.07	21.97	3.58E+01	1.01E+01	5.74E+00	2.05E+00	5.74E+00	2.05E+00	5.74E+00	2.05E+00
1592	Gridded	4.84E-01	1.93E-01	66.24	18.06	3.27E+01	8.29E+00	5.13E+00	2.00E+00	5.13E+00	2.00E+00	5.13E+00	2.00E+00
1593	Gridded	4.29E-01	1.74E-01	58.10	16.13	2.84E+01	7.64E+00	5.29E+00	1.83E+00	5.29E+00	1.83E+00	5.29E+00	1.83E+00
1594	Gridded	4.11E-01	1.53E-01	64.18	14.76	3.11E+01	7.03E+00	5.12E+00	1.58E+00	5.12E+00	1.58E+00	5.12E+00	1.58E+00
1595	Gridded	3.94E-01	1.24E-01	67.16	15.88	3.31E+01	7.67E+00	4.93E+00	1.26E+00	4.93E+00	1.26E+00	4.93E+00	1.26E+00
1596	Gridded	3.84E-01	1.18E-01	67.96	16.87	3.25E+01	8.28E+00	5.07E+00	1.23E+00	5.07E+00	1.23E+00	5.07E+00	1.23E+00
1597	Gridded	6.78E-01	1.65E-01	61.43	14.39	2.72E+01	5.90E+00	7.74E+00	1.89E+00	7.74E+00	1.89E+00	7.74E+00	1.89E+00
1598	Gridded	6.30E-01	1.48E-01	60.05	11.49	2.83E+01	4.95E+00	6.39E+00	1.64E+00	6.39E+00	1.64E+00	6.39E+00	1.64E+00
1599	Gridded	2.67E-01	4.37E-02	39.93	6.87	2.00E+01	3.33E+00	3.21E+00	5.70E-01	3.21E+00	5.70E-01	3.21E+00	5.70E-01
1600	Gridded	3.45E-01	4.33E-02	44.76	6.58	2.12E+01	3.19E+00	4.30E+00	5.60E-01	4.30E+00	5.60E-01	4.30E+00	5.60E-01
1601	Gridded	4.37E-01	4.19E-02	66.57	6.26	3.22E+01	3.08E+00	5.66E+00	5.38E-01	5.66E+00	5.38E-01	5.66E+00	5.38E-01
1602	Gridded	5.32E-01	4.59E-02	89.41	6.85	4.38E+01	3.34E+00	7.06E+00	5.60E-01	7.06E+00	5.60E-01	7.06E+00	5.60E-01
1603	Gridded	6.03E-01	5.08E-02	107.60	8.34	5.31E+01	4.11E+00	8.14E+00	6.38E-01	8.14E+00	6.38E-01	8.14E+00	6.38E-01
1604	Gridded	6.01E-01	5.53E-02	109.84	8.81	5.45E+01	4.37E+00	8.18E+00	7.13E-01	8.18E+00	7.13E-01	8.18E+00	7.13E-01
1605	Gridded	4.90E-01	6.26E-02	85.24	9.79	4.25E+01	4.68E+00	6.60E+00	8.11E-01	6.59E+00	8.11E-01	6.59E+00	8.11E-01
1606	Gridded	3.58E-01	7.44E-02	51.88	11.16	2.57E+01	5.34E+00	4.40E+00	9.58E-01	4.40E+00	9.57E-01	4.40E+00	9.57E-01
1607	Gridded	4.79E-01	7.88E-02	75.80	11.32	3.74E+01	5.44E+00	6.28E+00	1.01E+00	6.28E+00	1.01E+00	6.28E+00	1.01E+00
1608	Gridded	5.75E-01	7.50E-02	90.68	10.23	4.45E+01	4.92E+00	7.52E+00	9.47E-01	7.52E+00	9.46E-01	7.52E+00	9.46E-01
1609	Gridded	5.15E-01	6.59E-02	80.82	8.81	3.94E+01	4.24E+00	6.72E+00	8.29E-01	6.72E+00	8.29E-01	6.72E+00	8.29E-01

1610	Gridded	5.05E-01	5.54E-02	72.41	7.73	3.53E+01	3.73E+00	6.46E+00	7.04E-01	6.46E+00	7.03E-01	6.46E+00	7.03E-01
1611	Gridded	4.70E-01	6.20E-02	75.66	6.65	3.71E+01	3.22E+00	5.98E+00	7.09E-01	5.98E+00	7.09E-01	5.98E+00	7.09E-01
1612	Gridded	5.47E-01	6.40E-02	81.57	6.56	3.96E+01	3.14E+00	7.05E+00	7.26E-01	7.05E+00	7.26E-01	7.05E+00	7.26E-01
1613	Gridded	4.05E-01	5.66E-02	64.46	7.27	3.19E+01	3.50E+00	5.32E+00	7.06E-01	5.32E+00	7.06E-01	5.32E+00	7.06E-01
1614	Gridded	3.50E-01	5.44E-02	52.10	7.17	2.59E+01	3.46E+00	4.47E+00	6.82E-01	4.47E+00	6.82E-01	4.47E+00	6.82E-01
1615	Gridded	4.62E-01	5.87E-02	67.64	6.92	3.30E+01	3.35E+00	5.65E+00	7.04E-01	5.65E+00	7.04E-01	5.65E+00	7.04E-01
1616	Gridded	4.25E-01	6.47E-02	69.48	7.81	3.43E+01	3.55E+00	5.49E+00	7.90E-01	5.49E+00	7.90E-01	5.49E+00	7.90E-01
1617	Gridded	4.06E-01	5.97E-02	50.87	7.89	2.50E+01	3.66E+00	4.85E+00	7.45E-01	4.84E+00	7.45E-01	4.84E+00	7.45E-01
1618	Gridded	4.44E-01	5.33E-02	53.33	7.67	2.59E+01	3.61E+00	5.44E+00	6.78E-01	5.44E+00	6.78E-01	5.44E+00	6.78E-01
1619	Gridded	4.22E-01	4.64E-02	63.74	7.19	3.14E+01	3.41E+00	5.36E+00	6.01E-01	5.36E+00	6.01E-01	5.36E+00	6.01E-01
1620	Gridded	3.52E-01	4.50E-02	64.34	6.70	3.18E+01	3.16E+00	4.67E+00	5.76E-01	4.66E+00	5.76E-01	4.66E+00	5.76E-01
1621	Gridded	3.01E-01	4.82E-02	50.33	6.88	2.48E+01	3.22E+00	3.75E+00	6.12E-01	3.75E+00	6.12E-01	3.75E+00	6.12E-01
1622	Gridded	3.80E-01	4.70E-02	52.42	6.89	2.63E+01	3.24E+00	4.43E+00	6.00E-01	4.43E+00	6.00E-01	4.43E+00	6.00E-01
1623	Gridded	3.78E-01	4.31E-02	58.28	6.61	2.85E+01	3.14E+00	4.92E+00	5.57E-01	4.92E+00	5.57E-01	4.92E+00	5.57E-01
1624	Gridded	3.63E-01	4.49E-02	58.22	7.36	2.89E+01	3.56E+00	4.56E+00	5.92E-01	4.56E+00	5.92E-01	4.56E+00	5.92E-01
1625	Gridded	3.75E-01	4.92E-02	71.16	8.77	3.46E+01	4.32E+00	5.13E+00	6.63E-01	5.13E+00	6.63E-01	5.13E+00	6.63E-01
1626	Gridded	3.04E-01	4.93E-02	65.20	9.51	3.20E+01	4.72E+00	3.88E+00	6.81E-01	3.88E+00	6.81E-01	3.88E+00	6.81E-01
1627	Gridded	3.58E-01	4.18E-02	66.31	8.61	3.26E+01	4.28E+00	4.87E+00	5.88E-01	4.87E+00	5.88E-01	4.87E+00	5.88E-01
1628	Gridded	3.55E-01	4.55E-02	68.34	6.55	3.40E+01	3.25E+00	4.52E+00	5.40E-01	4.52E+00	5.40E-01	4.52E+00	5.40E-01
1629	Gridded	4.04E-01	5.44E-02	62.42	6.95	3.04E+01	3.23E+00	5.02E+00	6.73E-01	5.02E+00	6.73E-01	5.02E+00	6.73E-01
1630	Gridded	2.71E-01	4.39E-02	52.53	7.05	2.63E+01	3.39E+00	3.69E+00	5.75E-01	3.69E+00	5.75E-01	3.69E+00	5.75E-01
1631	Gridded	2.64E-01	4.61E-02	45.41	7.18	2.26E+01	3.46E+00	3.54E+00	5.99E-01	3.54E+00	5.99E-01	3.54E+00	5.99E-01
1632	Gridded	3.44E-01	4.62E-02	39.17	6.93	1.81E+01	3.35E+00	4.17E+00	5.96E-01	4.17E+00	5.96E-01	4.17E+00	5.96E-01
1633	Gridded	4.58E-01	4.53E-02	62.98	6.47	3.01E+01	3.12E+00	5.79E+00	5.74E-01	5.79E+00	5.74E-01	5.79E+00	5.74E-01
1634	Gridded	5.78E-01	5.09E-02	92.79	6.92	4.51E+01	3.35E+00	7.58E+00	6.11E-01	7.58E+00	6.11E-01	7.58E+00	6.11E-01
1635	Gridded	6.45E-01	5.61E-02	115.05	8.79	5.66E+01	4.32E+00	8.71E+00	6.94E-01	8.71E+00	6.94E-01	8.71E+00	6.94E-01
1636	Gridded	6.26E-01	6.04E-02	110.44	9.14	5.47E+01	4.52E+00	8.44E+00	7.72E-01	8.44E+00	7.72E-01	8.44E+00	7.72E-01
1637	Gridded	5.07E-01	6.94E-02	79.21	10.36	3.94E+01	4.95E+00	6.63E+00	8.92E-01	6.63E+00	8.91E-01	6.63E+00	8.91E-01
1638	Gridded	3.87E-01	8.17E-02	62.30	11.70	3.09E+01	5.58E+00	5.10E+00	1.04E+00	5.10E+00	1.04E+00	5.10E+00	1.04E+00
1639	Gridded	5.62E-01	8.39E-02	89.91	11.36	4.43E+01	5.44E+00	7.39E+00	1.06E+00	7.39E+00	1.06E+00	7.39E+00	1.06E+00
1640	Gridded	6.20E-01	7.54E-02	96.42	9.84	4.72E+01	4.72E+00	8.08E+00	9.43E-01	8.08E+00	9.42E-01	8.08E+00	9.42E-01
1641	Gridded	5.19E-01	6.23E-02	75.70	8.39	3.70E+01	4.03E+00	6.67E+00	7.85E-01	6.67E+00	7.84E-01	6.67E+00	7.84E-01
1642	Gridded	4.56E-01	6.24E-02	71.26	7.25	3.45E+01	3.50E+00	5.90E+00	7.17E-01	5.90E+00	7.17E-01	5.90E+00	7.17E-01
1643	Gridded	5.72E-01	7.46E-02	80.12	6.46	3.84E+01	3.08E+00	7.26E+00	8.36E-01	7.26E+00	8.36E-01	7.26E+00	8.36E-01
1644	Gridded	4.92E-01	6.44E-02	75.19	7.65	3.70E+01	3.67E+00	6.40E+00	7.69E-01	6.40E+00	7.69E-01	6.40E+00	7.69E-01
1645	Gridded	3.39E-01	6.16E-02	47.84	7.82	2.36E+01	3.77E+00	4.03E+00	7.66E-01	4.03E+00	7.66E-01	4.03E+00	7.66E-01
1646	Gridded	3.96E-01	5.82E-02	58.18	7.55	2.84E+01	3.65E+00	4.84E+00	7.29E-01	4.84E+00	7.28E-01	4.84E+00	7.28E-01
1647	Gridded	4.23E-01	6.82E-02	69.06	7.80	3.40E+01	3.51E+00	5.36E+00	8.24E-01	5.36E+00	8.24E-01	5.36E+00	8.24E-01
1648	Gridded	4.11E-01	6.26E-02	54.09	8.00	2.64E+01	3.69E+00	4.85E+00	7.75E-01	4.85E+00	7.75E-01	4.85E+00	7.75E-01
1649	Gridded	4.65E-01	5.50E-02	53.34	7.64	2.58E+01	3.57E+00	5.65E+00	6.93E-01	5.65E+00	6.93E-01	5.65E+00	6.93E-01
1650	Gridded	4.55E-01	4.70E-02	61.67	7.06	3.01E+01	3.33E+00	5.75E+00	6.03E-01	5.75E+00	6.03E-01	5.75E+00	6.03E-01
1651	Gridded	3.86E-01	4.76E-02	63.01	6.69	3.08E+01	3.12E+00	5.11E+00	6.01E-01	5.11E+00	6.01E-01	5.11E+00	6.01E-01
1652	Gridded	3.11E-01	5.16E-02	55.95	7.06	2.77E+01	3.28E+00	4.00E+00	6.48E-01	3.99E+00	6.48E-01	3.99E+00	6.48E-01
1653	Gridded	3.80E-01	5.00E-02	50.06	7.15	2.44E+01	3.36E+00	4.50E+00	6.35E-01	4.50E+00	6.35E-01	4.50E+00	6.35E-01
1654	Gridded	3.39E-01	4.66E-02	58.54	7.04	2.88E+01	3.36E+00	4.54E+00	6.00E-01	4.54E+00	6.00E-01	4.54E+00	6.00E-01
1655	Gridded	3.45E-01	4.94E-02	52.68	8.18	2.64E+01	3.99E+00	4.45E+00	6.53E-01	4.45E+00	6.53E-01	4.45E+00	6.53E-01
1656	Gridded	3.02E-01	5.20E-02	67.75	9.57	3.31E+01	4.73E+00	4.34E+00	7.08E-01	4.34E+00	7.08E-01	4.34E+00	7.08E-01
1657	Gridded	3.32E-01	4.81E-02	58.41	9.71	2.93E+01	4.82E+00	4.39E+00	6.73E-01	4.39E+00	6.73E-01	4.39E+00	6.73E-01
1658	Gridded	3.45E-01	4.65E-02	70.52	8.01	3.50E+01	3.98E+00	4.80E+00	5.41E-01	4.80E+00	5.41E-01	4.80E+00	5.41E-01
1659	Gridded	4.00E-01	5.70E-02	59.81	6.71	2.99E+01	3.08E+00	4.98E+00	6.94E-01	4.98E+00	6.94E-01	4.98E+00	6.94E-01
1660	Gridded	4.07E-01	6.31E-02	67.27	8.99	3.32E+01	4.26E+00	5.29E+00	8.02E-01	5.29E+00	8.02E-01	5.29E+00	8.02E-01
1661	Gridded	3.10E-01	5.05E-02	61.06	7.86	3.06E+01	3.85E+00	4.31E+00	6.59E-01	4.31E+00	6.58E-01	4.31E+00	6.58E-01
1662	Gridded	2.84E-01	4.48E-02	56.03	7.08	2.81E+01	3.39E+00	3.95E+00	5.84E-01	3.95E+00	5.84E-01	3.95E+00	5.84E-01
1663	Gridded	2.85E-01	4.76E-02	48.79	7.31	2.41E+01	3.51E+00	3.81E+00	6.17E-01	3.81E+00	6.17E-01	3.81E+00	6.17E-01
1664	Gridded	3.42E-01	4.84E-02	38.47	7.11	1.91E+01	3.42E+00	4.04E+00	6.21E-01	4.04E+00	6.21E-01	4.04E+00	6.21E-01
1665	Gridded	4.72E-01	4.98E-02	60.04	6.66	2.83E+01	3.20E+00	5.86E+00	6.02E-01	5.86E+00	6.02E-01	5.86E+00	6.02E-01
1666	Gridded	6.04E-01	5.62E-02	91.40	6.73	4.41E+01	3.24E+00	7.80E+00	6.65E-01	7.80E+00	6.65E-01	7.80E+00	6.65E-01
1667	Gridded	6.93E-01	6.18E-02	114.17	8.80	5.59E+01	4.30E+00	9.16E+00	7.59E-01	9.16E+00	7.58E-01	9.16E+00	7.58E-01
1668	Gridded	6.72E-01	6.59E-02	108.65	9.66	5.36E+01	4.51E+00	8.86E+00	8.39E-01	8.86E+00	8.39E-01	8.86E+00	8.39E-01
1669	Gridded	5.00E-01	7.82E-02	68.05	11.15	3.37E+01	5.28E+00	6.35E+00	9.94E-01	6.35E+00	9.94E-01	6.35E+00	9.94E-01
1670	Gridded	4.70E-01	8.91E-02	74.75	12.05	3.71E+01	5.74E+00	6.18E+00	1.12E+00	6.18E+00	1.12E+00	6.18E+00	1.12E+00
1671	Gridded	6.52E-01	8.55E-02	101.49	10.97	5.00E+01	5.24E+00	8.52E+00	1.07E+00	8.52E+00	1.06E+00	8.52E+00	1.06E+00
1672	Gridded	6.28E-01	7.10E-02	95.98	9.09	4.70E+01	4.35E+00	8.15E+00	8.85E-01	8.15E+00	8.84E-01	8.15E+00	8.84E-01
1673	Gridded	4.88E-01	5.84E-02	75.11	7.67	3.69E+01	3.69E+00	6.38E+00	7.06E-01	6.38E+00	7.05E-01	6.38E+00	7.05E-01
1674	Gridded	5.37E-01	8.29E-02	73.30	6.57	3.61E+01	3.17E+00	6.68E+00	9.24E-01	6.68E+00	9.24E-01	6.68E+00	9.24E-01
1675	Gridded	5.65E-01	8.20E-02	80.57	7.84	3.92E+01	3.74E+00	7.22E+00	9.11E-01	7.22E+00	9.11E-01	7.22E+00	9.11E-01
1676	Gridded	3.55E-01	6.98E-02	50.66	8.46	2.52E+01	4.06E+00	4.18E+00	8.60E-01	4.18E+00	8.60E-01	4.18E+00	8.60E-01
1677	Gridded	3.82E-01	6.62E-02	54.32	8.33	2.60E+01	4.01E+00	4.73E+00	8.22E-01	4.73E+00	8.22E-01	4.73E+00	8.22E-01
1678	Gridded	4.08E-01	7.10E-02	64.45	8.04	3.17E+01	3.87E+00	5.15E+00	8.52E-01	5.15E+00	8.52E-01	5.15E+00	8.52E-01
1679	Gridded	4.09E-01	6.49E-02	55.16	8.13	2.67E+01	3.73E+00	4.77E+00	7.99E-01	4.77E+00	7.99E-01	4.77E+00	7.99E-01
1680	Gridded	5.45E-01	5.58E-02	55.17	7.59	2.66E+01	3.53E+00	5.82E+00	7.00E-01	5.82E+00	7.00E-01	5.82E+00	7.00E-01
1681	Gridded	4.84E-01	4.65E-02	66.10	6.82	3.23E+01	3.20E+00	6.10E+00	5.93E-01	6.10E+00	5.93E-01	6.10E+00	5.93E-01
1682	Gridded	4.15E-01	5.01E-02	69.20	6.72	3.40E+01	3.10E+00	5.53E+00	6.26E-01	5.53E+00	6.26E-01	5.53E+00	6.26E-01
1683	Gridded	3.77E-01	5.52E-02	62.48	7.32	3.11E+01	3.38E+00	4.34E+00	6.88E-01	4.33E+00	6.88E-01	4.33E+00	6.88E-01
1684	Gridded	3.60E-01	5.25E-02	48.68	7.46	2.39E+01	3.50E+00	4.53E+00	6.66E-01	4.53E+00	6.66E-01	4.53E+00	6.66E-01
1685	Gridded	2.71E-01	5.16E-02	54.24	7.89	2.68E+01	3.79E+00	3.78E+00	6.67E-01	3.78E+00	6.67E-01	3.78E+00	6.67E-01
1686	Gridded	3.01E-01	5.44E-02	53.23	9.24	2.67E+01	4.53E+00	4.04E+00	7.24E-01	4.04E+00	7.24E-01	4.04E+00	7.24E-01
1687	Gridded	3.02E-01	5.31E-02	60.04	10.14	2.95E+01	5.02E+00	3.42E+00	7.31E-01	3.42E+00	7.31E-01	3.42E+00	7.31E-01
1688	Gridded	3.33E-01	4.67E-02	64.89	9.38	3.20E+01	4.66E+00	4.60E+00	6.31E-01	4.60E+00	6.31E-01	4.60E+00	6.31E-01
1689	Gridded	4.01E-01	5.98E-02	66.23	6.98	3.31E+01	3.46E+00	4.83E+00	7.11E-01	4.83E+00	7.11E-01	4.83E+00	7.11E-01
1690	Gridded	4.25E-01	6.83E-02	71.06	9.04	3.50E+01	4.24E+00	5.44E+00	8.53E-01	5.44E+00	8.53E-01	5.44E+00	8.53E-01
1691	Gridded	3.39E-01	7.21E-02	67.35	10.84	3.34E+01	5.19E+00	4.64E+00	9.19E-01	4.64E+00	9.19E-01	4.64E+00	9.19E-01
1692	Gridded	3.03E-01	6.23E-02	50.34	10.03	2.52E+01	4.84E+00	3.94E+00	8.17E-01	3.94E+00	8.17E-01	3.94E+00	8.17E-01
1693	Gridded	3.20E-01	5.84E-02	56.28	9.27	2.82E+01	4.52E+00	4.09E+00	7.65E-01	4.09E+00	7.64E-01	4.09E+00	7.64E-01
1694	Gridded	3.00E-01	5.16E-02	55.17	8.13	2.77E+01	3.98E+00	3.93E+00	6.66E-01	3.93E+00	6.65E-01	3.93E+00	6.65E-01
1695	Gridded	3.01E-01	4.79E-02	48.48	7.12	2.38E+01	3.39E+00	3.96E+00	6.16E-01	3.96E+00	6.16E-01	3.96E+00	6.16E-01
1696	Gridded	3.31E-01	5.07E-02	40.79	7.18	2.01E+01	3.42E+00	3.85E+00	6.44E-01	3.85E+00	6.44E-01	3.85E+00	6.44E-01
1697	Gridded	4.77E-01	5.45E-02	53.98	7.00	2.51E+01	3.35E+00	5.78E+00	6.51E-01	5.78E+00	6.51E-01	5.78E+00	6.51E-01
1698	Gridded	6.32E-01	6.25E-02	88.82	7.22	4.26E+01	3.44E+00	8.03E+00	7.30E-01	8.03E+00	7.29E-01	8.03E+00	7.29E-01
1699	Gridded	7.24E-01	6.78E-02	113.04	8.49	5.51E+01	4.13E+00	9.43E+00	8.21E-01	9.43E+00	8.21E-01	9.43E+00	8.21E-01
1700	Gridded	6.70E-01	7.05E-02	98.40	9.81	4.83E+01	4.51E+00	8.62E+00	8.86E-01	8.62E+00	8.86E-01	8.62E+00	8.86E-01
1701	Gridded	4.78E-01	8.54E-02	60.53	11.43	3.01E+01	5.39E+00	5.80E+00	1.07E+00	5.80E+00	1.07E+00	5.80E+00	1.07E+00
1702	Gridded	5.38E-01	9.37E-02	87.71	11.57	4.36E+01	5.48E+00	7.12E+00	1.16E+00	7.12E+00	1.16E+00	7.12E+00	1.16E+00
1703	Gridded	6.75E-01	8.34E-02	106.02	9.82	5.23E+01	4.66E+00	8.84E+00	1.02E+00	8.84E+00	1.02E+00	8.84E+00	1.02E+00
1704	Gridded	5.07E-01	6.52E-02	83.22	8.08	4.08E+01	3.85E+00	6.66E+00	8.07E-01	6.66E+00	8.06E-01	6.66E+00	8.06E-01
1705	Gridded	5.36E-01	8.05E-02	79.97	6.99	3.94E+01	3.35E+00	6.94E+00	9.03E-01	6.94E+00	9.03E-01	6.94E+00	9.03E-01
1706	Gridded	6.30E-01	9.91E-02	76.53	7.79	3.64E+01	3.69E+00	7.77E+00	1.08E+00	7.77E+00	1.08E+00	7.77E+00	1.08E+00
1707	Gridded	4.11E-01	7.92E-02	61.31	9.19	3.03E+01	4.39E+00	5.32E+00	9.68E-01	5.32E+00	9.68E-01	5.32E+00	9.68E-01
1708	Gridded	4.06E-01	7.68E-02	51.42	9.39	2.42E+01	4.51E+00	4.83E+00	9.48E-01	4.83E+00	9.48E-01	4.83E+00	9.48E-01
1709	Gridded	4.20E-01	7.46E-02	59.92	9.23	2.90E+01	4.43E+00	5.33E+00	9.24E-01	5.33E+00	9.24E-01	5.33E+00	9.24E-01
1710	Gridded	3.91E-01	6.83E-02	57.05	8.62	2.72E+01	4.15E+00	4.98E+00	8.38E-01	4.98E+00	8.38E-01	4.98E+00	8.38E-01
1711	Gridded	6.39E-01	5.76E-02	55.67	7.76	2.66E+01	3.77E+00	6.47E+00	7.27E-01	6.47E+00	7.27E-01	6.47E+00	7.27E-01

1712	Gridded	4.87E-01	5.24E-02	68.72	6.90	3.35E+01	3.33E+00	6.14E+00	6.48E-01	6.14E+00	6.48E-01	6.14E+00	6.48E-01
1713	Gridded	4.25E-01	5.30E-02	72.71	6.57	3.59E+01	3.12E+00	5.70E+00	6.50E-01	5.70E+00	6.50E-01	5.70E+00	6.50E-01
1714	Gridded	3.64E-01	5.84E-02	66.45	7.49	3.31E+01	3.44E+00	4.50E+00	7.23E-01	4.50E+00	7.23E-01	4.50E+00	7.23E-01
1715	Gridded	3.21E-01	5.56E-02	48.92	7.88	2.44E+01	3.71E+00	4.16E+00	7.05E-01	4.16E+00	7.05E-01	4.16E+00	7.05E-01
1716	Gridded	2.65E-01	5.81E-02	45.32	9.12	2.25E+01	4.41E+00	3.43E+00	7.57E-01	3.43E+00	7.57E-01	3.43E+00	7.57E-01
1717	Gridded	3.16E-01	5.99E-02	53.67	10.62	2.62E+01	5.23E+00	3.63E+00	8.07E-01	3.63E+00	8.07E-01	3.63E+00	8.07E-01
1718	Gridded	3.59E-01	5.26E-02	52.91	10.46	2.65E+01	5.19E+00	3.85E+00	7.33E-01	3.85E+00	7.32E-01	3.85E+00	7.32E-01
1719	Gridded	3.69E-01	6.20E-02	65.13	8.42	3.25E+01	4.18E+00	4.39E+00	7.21E-01	4.39E+00	7.21E-01	4.39E+00	7.21E-01
1720	Gridded	4.40E-01	7.40E-02	69.27	8.73	3.41E+01	4.04E+00	5.53E+00	9.02E-01	5.53E+00	9.02E-01	5.53E+00	9.02E-01
1721	Gridded	3.66E-01	7.89E-02	70.97	11.18	3.52E+01	5.32E+00	4.97E+00	9.98E-01	4.97E+00	9.98E-01	4.97E+00	9.98E-01
1722	Gridded	4.34E-01	8.93E-02	67.70	12.27	3.34E+01	5.90E+00	5.14E+00	1.10E+00	5.14E+00	1.10E+00	5.14E+00	1.10E+00
1723	Gridded	2.93E-01	6.72E-02	45.38	10.64	2.19E+01	4.99E+00	3.80E+00	8.70E-01	3.80E+00	8.70E-01	3.80E+00	8.70E-01
1724	Gridded	2.62E-01	6.86E-02	39.27	10.94	1.95E+01	5.21E+00	3.40E+00	8.81E-01	3.40E+00	8.81E-01	3.40E+00	8.81E-01
1725	Gridded	2.95E-01	6.62E-02	49.83	10.45	2.50E+01	5.04E+00	3.77E+00	8.43E-01	3.77E+00	8.43E-01	3.77E+00	8.43E-01
1726	Gridded	3.02E-01	5.96E-02	52.64	9.10	2.64E+01	4.42E+00	3.73E+00	7.50E-01	3.73E+00	7.50E-01	3.73E+00	7.50E-01
1727	Gridded	3.01E-01	5.13E-02	43.99	7.75	2.13E+01	3.75E+00	3.86E+00	6.52E-01	3.86E+00	6.52E-01	3.86E+00	6.52E-01
1728	Gridded	3.21E-01	5.42E-02	42.19	7.43	2.06E+01	3.52E+00	4.03E+00	6.84E-01	4.03E+00	6.84E-01	4.03E+00	6.84E-01
1729	Gridded	4.52E-01	5.92E-02	46.46	7.62	2.28E+01	3.62E+00	5.38E+00	7.09E-01	5.38E+00	7.09E-01	5.38E+00	7.09E-01
1730	Gridded	6.29E-01	6.86E-02	82.00	8.00	3.89E+01	3.82E+00	7.85E+00	7.94E-01	7.85E+00	7.94E-01	7.85E+00	7.94E-01
1731	Gridded	7.51E-01	7.46E-02	103.57	9.13	4.99E+01	4.35E+00	9.50E+00	8.94E-01	9.50E+00	8.94E-01	9.50E+00	8.94E-01
1732	Gridded	6.95E-01	7.65E-02	82.06	9.73	3.99E+01	4.45E+00	8.54E+00	9.43E-01	8.54E+00	9.43E-01	8.54E+00	9.43E-01
1733	Gridded	4.49E-01	9.26E-02	59.38	10.85	2.90E+01	5.07E+00	5.21E+00	1.13E+00	5.21E+00	1.13E+00	5.21E+00	1.13E+00
1734	Gridded	5.49E-01	9.60E-02	89.35	10.41	4.44E+01	4.99E+00	7.26E+00	1.16E+00	7.26E+00	1.16E+00	7.26E+00	1.16E+00
1735	Gridded	5.94E-01	7.94E-02	89.89	8.76	4.42E+01	4.14E+00	7.71E+00	9.60E-01	7.71E+00	9.60E-01	7.71E+00	9.60E-01
1736	Gridded	5.48E-01	6.64E-02	92.68	7.61	4.55E+01	3.61E+00	7.30E+00	7.64E-01	7.30E+00	7.63E-01	7.30E+00	7.63E-01
1737	Gridded	6.15E-01	1.07E-01	80.25	7.53	3.95E+01	3.55E+00	7.38E+00	1.16E+00	7.38E+00	1.16E+00	7.38E+00	1.16E+00
1738	Gridded	5.35E-01	9.81E-02	69.71	9.83	3.40E+01	4.66E+00	6.72E+00	1.07E+00	6.72E+00	1.07E+00	6.72E+00	1.07E+00
1739	Gridded	4.26E-01	8.96E-02	51.72	10.59	2.46E+01	5.06E+00	5.09E+00	1.10E+00	5.09E+00	1.10E+00	5.09E+00	1.10E+00
1740	Gridded	4.43E-01	8.63E-02	61.18	10.63	2.84E+01	5.10E+00	5.57E+00	1.07E+00	5.57E+00	1.07E+00	5.57E+00	1.07E+00
1741	Gridded	4.31E-01	8.13E-02	60.65	10.15	2.85E+01	4.88E+00	5.45E+00	1.01E+00	5.45E+00	1.01E+00	5.45E+00	1.01E+00
1742	Gridded	7.10E-01	6.71E-02	55.10	9.10	2.62E+01	4.43E+00	7.18E+00	8.48E-01	7.18E+00	8.48E-01	7.18E+00	8.48E-01
1743	Gridded	4.79E-01	5.92E-02	70.89	7.29	3.45E+01	3.52E+00	6.00E+00	7.34E-01	6.00E+00	7.34E-01	6.00E+00	7.34E-01
1744	Gridded	4.36E-01	5.78E-02	74.12	6.76	3.68E+01	3.22E+00	5.81E+00	6.94E-01	5.81E+00	6.94E-01	5.81E+00	6.94E-01
1745	Gridded	3.63E-01	6.31E-02	70.22	7.69	3.51E+01	3.51E+00	4.68E+00	7.72E-01	4.68E+00	7.72E-01	4.68E+00	7.72E-01
1746	Gridded	3.17E-01	6.11E-02	51.08	8.54	2.55E+01	4.03E+00	3.77E+00	7.72E-01	3.77E+00	7.72E-01	3.77E+00	7.72E-01
1747	Gridded	3.54E-01	6.66E-02	47.24	10.63	2.37E+01	5.18E+00	4.37E+00	8.72E-01	4.37E+00	8.72E-01	4.37E+00	8.72E-01
1748	Gridded	4.12E-01	6.40E-02	50.01	11.88	2.45E+01	5.86E+00	4.26E+00	8.73E-01	4.26E+00	8.73E-01	4.26E+00	8.73E-01
1749	Gridded	3.67E-01	6.11E-02	57.97	10.32	2.88E+01	5.12E+00	4.15E+00	7.00E-01	4.15E+00	7.00E-01	4.15E+00	7.00E-01
1750	Gridded	4.35E-01	7.71E-02	59.17	8.31	2.91E+01	3.79E+00	5.10E+00	9.24E-01	5.10E+00	9.24E-01	5.10E+00	9.24E-01
1751	Gridded	3.71E-01	8.62E-02	70.96	11.16	3.53E+01	5.26E+00	4.99E+00	1.07E+00	4.99E+00	1.07E+00	4.99E+00	1.07E+00
1752	Gridded	4.64E-01	9.75E-02	69.91	12.55	3.45E+01	6.00E+00	5.45E+00	1.19E+00	5.45E+00	1.19E+00	5.45E+00	1.19E+00
1753	Gridded	5.03E-01	1.02E-01	68.41	14.29	3.32E+01	6.87E+00	6.35E+00	1.28E+00	6.35E+00	1.28E+00	6.35E+00	1.28E+00
1754	Gridded	3.99E-01	6.68E-02	55.79	10.56	2.73E+01	5.04E+00	5.09E+00	8.70E-01	5.09E+00	8.70E-01	5.09E+00	8.70E-01
1755	Gridded	3.83E-01	7.18E-02	53.35	11.09	2.60E+01	5.30E+00	4.87E+00	9.30E-01	4.87E+00	9.30E-01	4.87E+00	9.30E-01
1756	Gridded	3.31E-01	7.35E-02	44.33	11.00	2.13E+01	5.26E+00	4.16E+00	9.45E-01	4.16E+00	9.45E-01	4.16E+00	9.45E-01
1757	Gridded	2.46E-01	7.20E-02	39.05	10.70	1.96E+01	5.06E+00	3.03E+00	9.16E-01	3.03E+00	9.16E-01	3.03E+00	9.16E-01
1758	Gridded	2.53E-01	6.89E-02	44.43	9.97	2.23E+01	4.78E+00	3.13E+00	8.64E-01	3.13E+00	8.64E-01	3.13E+00	8.64E-01
1759	Gridded	2.85E-01	6.37E-02	38.49	9.17	1.85E+01	4.43E+00	3.57E+00	8.13E-01	3.57E+00	8.12E-01	3.57E+00	8.12E-01
1760	Gridded	3.18E-01	6.01E-02	43.87	9.05	2.15E+01	4.39E+00	4.01E+00	7.76E-01	4.01E+00	7.76E-01	4.01E+00	7.76E-01
1761	Gridded	4.14E-01	6.31E-02	54.75	8.64	2.68E+01	4.21E+00	4.83E+00	7.56E-01	4.83E+00	7.56E-01	4.83E+00	7.56E-01
1762	Gridded	6.36E-01	7.54E-02	71.56	8.69	3.33E+01	4.15E+00	7.70E+00	8.62E-01	7.70E+00	8.62E-01	7.70E+00	8.62E-01
1763	Gridded	7.98E-01	8.40E-02	88.67	9.95	4.20E+01	4.74E+00	9.66E+00	1.02E+00	9.66E+00	1.02E+00	9.66E+00	1.02E+00
1764	Gridded	7.34E-01	8.65E-02	64.06	10.46	3.11E+01	4.98E+00	8.45E+00	1.07E+00	8.45E+00	1.07E+00	8.45E+00	1.07E+00
1765	Gridded	4.09E-01	9.89E-02	69.99	10.34	3.42E+01	4.90E+00	4.78E+00	1.18E+00	4.78E+00	1.18E+00	4.78E+00	1.18E+00
1766	Gridded	5.30E-01	9.68E-02	89.70	9.51	4.38E+01	4.60E+00	6.96E+00	1.15E+00	6.96E+00	1.15E+00	6.96E+00	1.15E+00
1767	Gridded	5.33E-01	7.69E-02	99.13	8.35	4.84E+01	3.91E+00	7.19E+00	9.26E-01	7.19E+00	9.26E-01	7.19E+00	9.26E-01
1768	Gridded	6.12E-01	9.20E-02	93.90	7.80	4.61E+01	3.69E+00	7.96E+00	1.01E+00	7.96E+00	1.01E+00	7.96E+00	1.01E+00
1769	Gridded	6.67E-01	1.26E-01	73.05	9.99	3.60E+01	4.70E+00	8.02E+00	1.35E+00	8.02E+00	1.35E+00	8.02E+00	1.35E+00
1770	Gridded	5.34E-01	1.03E-01	56.83	11.69	2.67E+01	5.55E+00	5.68E+00	1.26E+00	5.68E+00	1.26E+00	5.68E+00	1.26E+00
1771	Gridded	4.49E-01	9.84E-02	61.71	12.01	2.79E+01	5.75E+00	5.61E+00	1.21E+00	5.61E+00	1.21E+00	5.61E+00	1.21E+00
1772	Gridded	4.77E-01	9.65E-02	64.46	11.65	2.93E+01	5.58E+00	5.95E+00	1.19E+00	5.95E+00	1.19E+00	5.95E+00	1.19E+00
1773	Gridded	7.36E-01	7.68E-02	56.06	10.36	2.67E+01	5.02E+00	7.44E+00	9.69E-01	7.44E+00	9.69E-01	7.44E+00	9.69E-01
1774	Gridded	4.86E-01	6.60E-02	77.05	7.99	3.74E+01	3.85E+00	6.36E+00	8.15E-01	6.36E+00	8.15E-01	6.36E+00	8.15E-01
1775	Gridded	4.67E-01	6.31E-02	77.10	7.52	3.82E+01	3.55E+00	6.19E+00	7.44E-01	6.19E+00	7.44E-01	6.19E+00	7.44E-01
1776	Gridded	3.63E-01	6.92E-02	74.51	8.05	3.73E+01	3.67E+00	4.65E+00	8.40E-01	4.65E+00	8.40E-01	4.65E+00	8.40E-01
1777	Gridded	3.88E-01	7.04E-02	51.68	9.89	2.59E+01	4.71E+00	4.62E+00	8.92E-01	4.62E+00	8.92E-01	4.62E+00	8.92E-01
1778	Gridded	4.48E-01	7.47E-02	61.57	12.42	2.99E+01	6.08E+00	5.67E+00	9.89E-01	5.67E+00	9.89E-01	5.67E+00	9.89E-01
1779	Gridded	4.26E-01	6.37E-02	56.53	12.41	2.79E+01	6.14E+00	4.53E+00	8.81E-01	4.53E+00	8.81E-01	4.53E+00	8.81E-01
1780	Gridded	4.43E-01	7.87E-02	56.27	9.20	2.77E+01	4.55E+00	4.66E+00	9.22E-01	4.66E+00	9.21E-01	4.66E+00	9.21E-01
1781	Gridded	3.82E-01	9.38E-02	67.63	10.97	3.37E+01	5.13E+00	4.90E+00	1.12E+00	4.90E+00	1.12E+00	4.90E+00	1.12E+00
1782	Gridded	4.64E-01	1.06E-01	67.93	13.09	3.36E+01	6.21E+00	5.44E+00	1.27E+00	5.44E+00	1.27E+00	5.44E+00	1.27E+00
1783	Gridded	5.12E-01	1.08E-01	71.10	14.82	3.46E+01	7.09E+00	6.45E+00	1.35E+00	6.45E+00	1.35E+00	6.45E+00	1.35E+00
1784	Gridded	5.38E-01	1.06E-01	83.42	16.12	4.11E+01	7.56E+00	6.71E+00	1.37E+00	6.71E+00	1.37E+00	6.71E+00	1.37E+00
1785	Gridded	3.27E-01	6.46E-02	48.90	9.89	2.29E+01	4.83E+00	4.18E+00	8.12E-01	4.18E+00	8.12E-01	4.18E+00	8.12E-01
1786	Gridded	3.30E-01	6.75E-02	43.84	10.78	2.16E+01	5.15E+00	4.16E+00	8.81E-01	4.16E+00	8.81E-01	4.16E+00	8.81E-01
1787	Gridded	3.72E-01	7.16E-02	50.56	11.31	2.48E+01	5.40E+00	4.71E+00	9.32E-01	4.71E+00	9.32E-01	4.71E+00	9.32E-01
1788	Gridded	3.72E-01	7.60E-02	49.00	11.48	2.38E+01	5.47E+00	4.68E+00	9.79E-01	4.68E+00	9.79E-01	4.68E+00	9.79E-01
1789	Gridded	3.09E-01	7.90E-02	36.96	11.32	1.83E+01	5.39E+00	3.80E+00	1.01E+00	3.80E+00	1.01E+00	3.80E+00	1.01E+00
1790	Gridded	2.45E-01	7.94E-02	36.98	11.25	1.83E+01	5.31E+00	3.05E+00	1.01E+00	3.05E+00	1.01E+00	3.05E+00	1.01E+00
1791	Gridded	2.37E-01	7.95E-02	35.72	10.90	1.77E+01	5.26E+00	2.95E+00	1.00E+00	2.95E+00	9.99E-01	2.95E+00	9.99E-01
1792	Gridded	3.12E-01	7.49E-02	47.59	11.15	2.33E+01	5.40E+00	4.05E+00	9.43E-01	4.05E+00	9.43E-01	4.05E+00	9.43E-01
1793	Gridded	4.44E-01	7.11E-02	61.99	10.64	3.03E+01	5.18E+00	5.64E+00	9.18E-01	5.64E+00	9.18E-01	5.64E+00	9.18E-01
1794	Gridded	6.11E-01	8.59E-02	64.03	9.81	3.13E+01	4.78E+00	7.11E+00	9.61E-01	7.10E+00	9.61E-01	7.10E+00	9.61E-01
1795	Gridded	8.40E-01	1.01E-01	66.96	11.60	3.05E+01	5.52E+00	9.64E+00	1.23E+00	9.64E+00	1.23E+00	9.64E+00	1.23E+00
1796	Gridded	7.65E-01	1.11E-01	57.65	12.67	2.75E+01	6.02E+00	8.29E+00	1.35E+00	8.29E+00	1.35E+00	8.29E+00	1.35E+00
1797	Gridded	4.31E-01	1.07E-01	79.19	12.22	3.85E+01	5.82E+00	5.07E+00	1.28E+00	5.07E+00	1.28E+00	5.07E+00	1.28E+00
1798	Gridded	5.28E-01	1.00E-01	100.23	10.28	4.88E+01	4.91E+00	6.63E+00	1.17E+00	6.63E+00	1.17E+00	6.63E+00	1.17E+00
1799	Gridded	6.13E-01	7.61E-02	109.78	8.66	5.35E+01	4.02E+00	8.27E+00	9.23E-01	8.27E+00	9.23E-01	8.27E+00	9.23E-01
1800	Gridded	6.65E-01	1.24E-01	95.32	9.33	4.68E+01	4.37E+00	8.52E+00	1.33E+00	8.52E+00	1.33E+00	8.52E+00	1.33E+00
1801	Gridded	5.30E-01	1.14E-01	58.74	12.24	2.91E+01	5.76E+00	6.22E+00	1.38E+00	6.22E+00	1.38E+00	6.22E+00	1.38E+00
1802	Gridded	5.17E-01	1.15E-01	59.38	13.09	2.80E+01	6.22E+00	6.29E+00	1.40E+00	6.29E+00	1.40E+00	6.29E+00	1.40E+00
1803	Gridded	4.96E-01	1.19E-01	64.96	13.02	2.82E+01	6.19E+00	6.10E+00	1.44E+00	6.10E+00	1.44E+00	6.10E+00	1.44E+00
1804	Gridded	6.13E-01	9.42E-02	56.23	11.67	2.74E+01	5.61E+00	6.19E+00	1.17E+00	6.19E+00	1.17E+00	6.19E+00	1.17E+00
1805	Gridded	5.04E-01	7.44E-02	82.11	8.66	3.98E+01	4.17E+00	6.64E+00	9.12E-01	6.64E+00	9.12E-01	6.64E+00	9.12E-01
1806	Gridded	4.78E-01	7.16E-02	80.86	7.98	4.02E+01	3.69E+00	6.14E+00	8.40E-01	6.14E+00	8.40E-01	6.14E+00	8.40E-01
1807	Gridded	4.09E-01	7.63E-02	70.44	8.86	3.53E+01	4.06E+00	4.87E+00	9.26E-01	4.87E+00	9.26E-01	4.87E+00	9.26E-01
1808	Gridded	5.57E-01	8.45E-02	63.81	11.90	3.02E+01	5.72E+00	6.77E+00	1.07E+00	6.77E+00	1.07E+00	6.77E+00	1.07E+00
1809	Gridded	4.89E-01	7.81E-02	78.19	13.86	3.84E+01	6.81E+00	6.18E+00	1.05E+00	6.18E+00	1.05E+00	6.18E+00	1.05E+00
1810	Gridded	4.37E-01	8.50E-02	60.60	11.70	2.96E+01	5.78E+00	4.95E+00	9.49E-01	4.95E+00	9.48E-01	4.95E+00	9.48E-01
1811	Gridded	4.58E-01	1.05E-01	72.31	10.92	3.58E+01	5.30E+00	5.86E+00	1.20E+00	5.86E+00	1.20E+00	5.86E+00	1.20E+00
1812	Gridded	4.31E-01	1.13E-01	69.35	12.77	3.41E+01	6.00E+00	5.67E+00	1.35E+00	5.67E+00	1.35E+00	5.67E+00	1.35E+00
1813	Gridded	4.96E-01	1.11E-01	70.25	16.10	3.44E+01	7.67E+00	6.11E+00	1.39E+00	6.11E+00	1.39E+00	6.11E+00	1.39E+00

1814	Gridded	5.35E-01	1.07E-01	83.47	16.22	4.13E+01	7.77E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00
1815	Gridded	4.69E-01	1.15E-01	85.06	18.59	4.22E+01	8.91E+00	6.37E+00	1.41E+00	6.37E+00	1.41E+00	6.37E+00	1.41E+00
1816	Gridded	6.23E-01	6.94E-02	95.54	11.03	4.69E+01	5.43E+00	8.09E+00	8.67E-01	8.09E+00	8.67E-01	8.09E+00	8.67E-01
1817	Gridded	5.72E-01	7.30E-02	79.89	11.41	3.90E+01	5.60E+00	7.26E+00	9.13E-01	7.26E+00	9.12E-01	7.26E+00	9.12E-01
1818	Gridded	5.06E-01	7.38E-02	64.34	11.31	3.10E+01	5.53E+00	6.29E+00	9.22E-01	6.29E+00	9.22E-01	6.29E+00	9.22E-01
1819	Gridded	4.02E-01	7.47E-02	46.54	11.48	2.20E+01	5.48E+00	4.89E+00	9.50E-01	4.89E+00	9.49E-01	4.89E+00	9.49E-01
1820	Gridded	2.90E-01	7.95E-02	41.21	12.26	2.02E+01	5.84E+00	3.71E+00	1.03E+00	3.71E+00	1.03E+00	3.71E+00	1.03E+00
1821	Gridded	3.02E-01	8.54E-02	39.69	12.64	1.96E+01	6.01E+00	3.80E+00	1.09E+00	3.80E+00	1.09E+00	3.80E+00	1.09E+00
1822	Gridded	2.82E-01	9.11E-02	41.04	12.40	2.03E+01	5.89E+00	3.46E+00	1.14E+00	3.46E+00	1.14E+00	3.46E+00	1.14E+00
1823	Gridded	2.73E-01	9.71E-02	40.40	12.35	1.99E+01	5.91E+00	3.49E+00	1.20E+00	3.49E+00	1.20E+00	3.49E+00	1.20E+00
1824	Gridded	3.09E-01	9.87E-02	44.91	13.53	2.21E+01	6.55E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00
1825	Gridded	4.72E-01	9.58E-02	59.31	13.85	2.88E+01	6.73E+00	5.87E+00	1.23E+00	5.87E+00	1.23E+00	5.87E+00	1.23E+00
1826	Gridded	5.94E-01	9.06E-02	64.52	12.88	3.12E+01	6.25E+00	7.18E+00	1.13E+00	7.18E+00	1.13E+00	7.18E+00	1.13E+00
1827	Gridded	8.35E-01	1.25E-01	58.70	14.06	2.81E+01	6.71E+00	9.07E+00	1.52E+00	9.07E+00	1.52E+00	9.07E+00	1.52E+00
1828	Gridded	8.27E-01	1.47E-01	62.64	15.68	3.05E+01	7.46E+00	8.55E+00	1.77E+00	8.55E+00	1.77E+00	8.55E+00	1.77E+00
1829	Gridded	4.89E-01	1.32E-01	93.70	14.40	4.54E+01	6.83E+00	5.47E+00	1.59E+00	5.47E+00	1.59E+00	5.47E+00	1.59E+00
1830	Gridded	5.61E-01	1.09E-01	119.97	11.23	5.80E+01	5.29E+00	7.43E+00	1.30E+00	7.43E+00	1.30E+00	7.43E+00	1.30E+00
1831	Gridded	6.42E-01	8.57E-02	117.12	8.79	5.69E+01	3.96E+00	8.69E+00	1.01E+00	8.69E+00	1.01E+00	8.69E+00	1.01E+00
1832	Gridded	5.82E-01	1.40E-01	77.32	11.97	3.81E+01	5.58E+00	7.34E+00	1.48E+00	7.34E+00	1.48E+00	7.34E+00	1.48E+00
1833	Gridded	5.94E-01	1.36E-01	67.74	14.35	3.08E+01	6.73E+00	7.18E+00	1.63E+00	7.18E+00	1.63E+00	7.18E+00	1.63E+00
1834	Gridded	5.45E-01	1.46E-01	61.89	15.24	2.68E+01	7.18E+00	6.40E+00	1.74E+00	6.40E+00	1.74E+00	6.40E+00	1.74E+00
1835	Gridded	5.46E-01	1.20E-01	60.55	14.08	2.87E+01	6.72E+00	6.61E+00	1.46E+00	6.61E+00	1.46E+00	6.61E+00	1.46E+00
1836	Gridded	5.11E-01	7.82E-02	80.39	9.74	3.91E+01	4.72E+00	6.67E+00	9.54E-01	6.67E+00	9.54E-01	6.67E+00	9.54E-01
1837	Gridded	5.29E-01	8.54E-02	74.26	8.58	3.71E+01	4.07E+00	6.20E+00	9.90E-01	6.20E+00	9.90E-01	6.20E+00	9.90E-01
1838	Gridded	5.06E-01	9.10E-02	55.53	10.28	2.78E+01	4.88E+00	5.84E+00	1.11E+00	5.84E+00	1.11E+00	5.84E+00	1.11E+00
1839	Gridded	6.66E-01	9.47E-02	94.53	14.33	4.59E+01	6.94E+00	8.49E+00	1.22E+00	8.49E+00	1.22E+00	8.49E+00	1.22E+00
1840	Gridded	4.68E-01	8.99E-02	82.05	14.11	4.08E+01	6.96E+00	5.61E+00	1.03E+00	5.61E+00	1.03E+00	5.61E+00	1.03E+00
1841	Gridded	5.26E-01	1.14E-01	77.05	11.88	3.80E+01	5.73E+00	6.66E+00	1.30E+00	6.66E+00	1.30E+00	6.66E+00	1.30E+00
1842	Gridded	4.96E-01	1.20E-01	83.58	13.46	4.11E+01	6.57E+00	6.60E+00	1.42E+00	6.60E+00	1.42E+00	6.60E+00	1.42E+00
1843	Gridded	6.08E-01	1.25E-01	77.06	16.37	3.81E+01	7.74E+00	6.14E+00	1.49E+00	6.14E+00	1.49E+00	6.14E+00	1.49E+00
1844	Gridded	4.99E-01	1.30E-01	74.57	17.40	3.71E+01	8.37E+00	5.69E+00	1.56E+00	5.69E+00	1.56E+00	5.69E+00	1.56E+00
1845	Gridded	4.40E-01	1.41E-01	74.99	18.21	3.73E+01	8.77E+00	5.86E+00	1.61E+00	5.86E+00	1.61E+00	5.86E+00	1.61E+00
1846	Gridded	4.87E-01	1.44E-01	63.89	21.60	3.13E+01	1.06E+01	6.12E+00	1.79E+00	6.12E+00	1.79E+00	6.12E+00	1.79E+00
1847	Gridded	4.46E-01	7.26E-02	78.09	10.26	3.88E+01	5.08E+00	6.00E+00	8.75E-01	6.00E+00	8.74E-01	6.00E+00	8.74E-01
1848	Gridded	4.53E-01	6.92E-02	77.80	11.43	3.86E+01	5.65E+00	6.07E+00	8.68E-01	6.07E+00	8.68E-01	6.07E+00	8.68E-01
1849	Gridded	4.82E-01	7.55E-02	79.34	12.38	3.93E+01	6.11E+00	6.37E+00	9.46E-01	6.37E+00	9.46E-01	6.37E+00	9.46E-01
1850	Gridded	4.81E-01	8.26E-02	74.04	12.99	3.65E+01	6.38E+00	6.26E+00	1.03E+00	6.26E+00	1.03E+00	6.26E+00	1.03E+00
1851	Gridded	4.65E-01	8.78E-02	65.34	13.12	3.21E+01	6.41E+00	5.92E+00	1.09E+00	5.92E+00	1.09E+00	5.92E+00	1.09E+00
1852	Gridded	4.40E-01	8.93E-02	55.15	12.95	2.68E+01	6.20E+00	5.46E+00	1.09E+00	5.46E+00	1.09E+00	5.46E+00	1.09E+00
1853	Gridded	3.78E-01	9.04E-02	41.82	13.77	2.07E+01	6.55E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00
1854	Gridded	3.42E-01	1.06E-01	44.90	14.02	2.22E+01	6.62E+00	3.96E+00	1.31E+00	3.96E+00	1.31E+00	3.96E+00	1.31E+00
1855	Gridded	3.60E-01	1.19E-01	52.26	15.14	2.57E+01	7.12E+00	4.51E+00	1.47E+00	4.51E+00	1.47E+00	4.51E+00	1.47E+00
1856	Gridded	3.86E-01	1.27E-01	54.95	16.82	2.72E+01	8.18E+00	4.79E+00	1.57E+00	4.79E+00	1.57E+00	4.79E+00	1.57E+00
1857	Gridded	4.25E-01	1.28E-01	54.17	17.75	2.68E+01	8.63E+00	5.25E+00	1.58E+00	5.25E+00	1.58E+00	5.25E+00	1.58E+00
1858	Gridded	5.63E-01	1.17E-01	60.29	16.67	2.94E+01	8.07E+00	6.72E+00	1.49E+00	6.72E+00	1.49E+00	6.72E+00	1.49E+00
1859	Gridded	6.84E-01	1.42E-01	57.40	16.47	2.75E+01	7.87E+00	7.17E+00	1.74E+00	7.16E+00	1.74E+00	7.16E+00	1.74E+00
1860	Gridded	8.75E-01	1.90E-01	71.44	18.14	3.45E+01	8.54E+00	8.86E+00	2.25E+00	8.86E+00	2.25E+00	8.86E+00	2.25E+00
1861	Gridded	5.73E-01	1.76E-01	108.52	16.85	5.20E+01	7.84E+00	6.58E+00	2.08E+00	6.58E+00	2.08E+00	6.58E+00	2.08E+00
1862	Gridded	5.73E-01	1.41E-01	123.04	12.76	5.88E+01	5.90E+00	7.68E+00	1.65E+00	7.68E+00	1.65E+00	7.68E+00	1.65E+00
1863	Gridded	6.17E-01	9.35E-02	96.73	10.21	4.72E+01	4.72E+00	8.05E+00	1.06E+00	8.05E+00	1.06E+00	8.05E+00	1.06E+00
1864	Gridded	5.70E-01	1.28E-01	65.32	14.47	2.81E+01	6.62E+00	6.67E+00	1.55E+00	6.67E+00	1.55E+00	6.67E+00	1.55E+00
1865	Gridded	6.29E-01	1.55E-01	66.14	17.10	3.00E+01	7.86E+00	7.45E+00	1.87E+00	7.45E+00	1.87E+00	7.45E+00	1.87E+00
1866	Gridded	6.71E-01	1.44E-01	73.15	16.51	3.36E+01	7.72E+00	8.06E+00	1.75E+00	8.06E+00	1.75E+00	8.06E+00	1.75E+00
1867	Gridded	6.12E-01	8.96E-02	81.98	10.80	4.04E+01	4.93E+00	7.36E+00	1.06E+00	7.36E+00	1.06E+00	7.36E+00	1.06E+00
1868	Gridded	5.66E-01	1.10E-01	67.60	10.26	3.39E+01	4.81E+00	6.71E+00	1.28E+00	6.71E+00	1.28E+00	6.71E+00	1.28E+00
1869	Gridded	6.16E-01	1.14E-01	70.07	13.49	3.28E+01	6.40E+00	7.43E+00	1.39E+00	7.43E+00	1.39E+00	7.43E+00	1.39E+00
1870	Gridded	5.67E-01	1.03E-01	112.67	15.90	5.59E+01	7.78E+00	7.89E+00	1.23E+00	7.89E+00	1.23E+00	7.89E+00	1.23E+00
1871	Gridded	6.95E-01	1.24E-01	86.17	13.55	4.16E+01	6.43E+00	8.60E+00	1.44E+00	8.60E+00	1.44E+00	8.60E+00	1.44E+00
1872	Gridded	6.11E-01	1.30E-01	98.45	15.32	4.84E+01	7.43E+00	8.03E+00	1.50E+00	8.03E+00	1.50E+00	8.03E+00	1.50E+00
1873	Gridded	6.88E-01	1.49E-01	88.04	15.84	4.36E+01	7.43E+00	6.94E+00	1.75E+00	6.94E+00	1.75E+00	6.94E+00	1.75E+00
1874	Gridded	3.66E-01	1.60E-01	71.98	20.53	3.57E+01	9.82E+00	4.69E+00	1.82E+00	4.69E+00	1.82E+00	4.69E+00	1.82E+00
1875	Gridded	4.80E-01	1.67E-01	77.92	20.70	3.89E+01	9.94E+00	6.05E+00	2.01E+00	6.05E+00	2.01E+00	6.05E+00	2.01E+00
1876	Gridded	5.24E-01	1.65E-01	72.75	26.74	3.62E+01	1.27E+01	6.53E+00	2.12E+00	6.53E+00	2.12E+00	6.53E+00	2.12E+00
1877	Gridded	5.37E-01	1.74E-01	81.19	32.86	4.00E+01	1.60E+01	6.97E+00	2.23E+00	6.97E+00	2.23E+00	6.97E+00	2.23E+00
1878	Gridded	4.34E-01	7.87E-02	46.36	10.35	2.29E+01	4.86E+00	4.58E+00	9.80E-01	4.58E+00	9.80E-01	4.58E+00	9.80E-01
1879	Gridded	4.48E-01	8.25E-02	46.37	10.87	2.29E+01	5.11E+00	4.71E+00	1.01E+00	4.71E+00	1.01E+00	4.71E+00	1.01E+00
1880	Gridded	4.23E-01	8.48E-02	47.51	11.27	2.35E+01	5.30E+00	4.46E+00	1.03E+00	4.46E+00	1.03E+00	4.46E+00	1.03E+00
1881	Gridded	3.92E-01	8.35E-02	49.85	12.29	2.46E+01	6.08E+00	4.11E+00	1.04E+00	4.11E+00	1.04E+00	4.11E+00	1.04E+00
1882	Gridded	3.49E-01	8.36E-02	49.01	13.80	2.43E+01	6.81E+00	4.39E+00	1.04E+00	4.39E+00	1.04E+00	4.39E+00	1.04E+00
1883	Gridded	3.66E-01	9.14E-02	50.94	14.87	2.53E+01	7.32E+00	4.49E+00	1.15E+00	4.49E+00	1.15E+00	4.49E+00	1.15E+00
1884	Gridded	3.57E-01	1.03E-01	52.02	15.28	2.58E+01	7.47E+00	4.32E+00	1.27E+00	4.32E+00	1.27E+00	4.32E+00	1.27E+00
1885	Gridded	3.48E-01	1.14E-01	50.32	14.97	2.46E+01	7.25E+00	4.27E+00	1.36E+00	4.27E+00	1.36E+00	4.27E+00	1.36E+00
1886	Gridded	3.98E-01	1.24E-01	53.52	15.13	2.65E+01	7.14E+00	4.68E+00	1.47E+00	4.68E+00	1.47E+00	4.68E+00	1.47E+00
1887	Gridded	4.04E-01	1.29E-01	61.01	16.06	3.01E+01	7.65E+00	5.07E+00	1.55E+00	5.07E+00	1.55E+00	5.07E+00	1.55E+00
1888	Gridded	4.36E-01	1.42E-01	55.22	18.12	2.69E+01	8.79E+00	5.29E+00	1.77E+00	5.29E+00	1.77E+00	5.29E+00	1.77E+00
1889	Gridded	4.12E-01	1.56E-01	54.18	20.29	2.68E+01	9.85E+00	4.90E+00	1.90E+00	4.90E+00	1.90E+00	4.90E+00	1.90E+00
1890	Gridded	4.53E-01	1.49E-01	58.03	19.39	2.85E+01	9.30E+00	5.29E+00	1.87E+00	5.29E+00	1.87E+00	5.29E+00	1.87E+00
1891	Gridded	5.35E-01	1.49E-01	67.92	19.47	3.25E+01	9.30E+00	6.35E+00	1.87E+00	6.35E+00	1.87E+00	6.35E+00	1.87E+00
1892	Gridded	8.05E-01	2.41E-01	80.32	23.32	3.89E+01	1.09E+01	8.13E+00	2.85E+00	8.13E+00	2.85E+00	8.13E+00	2.85E+00
1893	Gridded	6.38E-01	2.26E-01	117.42	20.24	5.54E+01	9.12E+00	7.14E+00	2.63E+00	7.14E+00	2.63E+00	7.14E+00	2.63E+00
1894	Gridded	5.84E-01	1.66E-01	119.25	12.91	5.72E+01	5.66E+00	7.83E+00	1.89E+00	7.83E+00	1.89E+00	7.83E+00	1.89E+00
1895	Gridded	6.40E-01	9.35E-02	63.28	11.54	2.98E+01	5.11E+00	7.50E+00	1.13E+00	7.50E+00	1.13E+00	7.50E+00	1.13E+00
1896	Gridded	6.43E-01	1.48E-01	71.14	16.27	3.21E+01	7.23E+00	7.72E+00	1.77E+00	7.72E+00	1.77E+00	7.72E+00	1.77E+00
1897	Gridded	6.61E-01	1.54E-01	72.14	16.87	3.20E+01	7.69E+00	7.90E+00	1.85E+00	7.90E+00	1.85E+00	7.90E+00	1.85E+00
1898	Gridded	6.29E-01	1.05E-01	80.53	10.66	4.01E+01	4.71E+00	7.43E+00	1.22E+00	7.43E+00	1.22E+00	7.43E+00	1.22E+00
1899	Gridded	5.38E-01	1.27E-01	65.79	11.91	3.24E+01	5.21E+00	6.35E+00	1.48E+00	6.35E+00	1.48E+00	6.35E+00	1.48E+00
1900	Gridded	5.04E-01	1.16E-01	87.45	15.44	4.31E+01	7.33E+00	6.68E+00	1.45E+00	6.68E+00	1.45E+00	6.68E+00	1.45E+00
1901	Gridded	8.07E-01	1.52E-01	90.67	15.21	4.34E+01	7.41E+00	9.79E+00	1.80E+00	9.79E+00	1.80E+00	9.79E+00	1.80E+00
1902	Gridded	8.05E-01	1.61E-01	132.79	19.22	6.55E+01	9.25E+00	1.07E+01	1.78E+00	1.07E+01	1.78E+00	1.07E+01	1.78E+00
1903	Gridded	5.40E-01	1.92E-01	114.70	18.23	5.70E+01	8.92E+00	7.67E+00	2.21E+00	7.67E+00	2.21E+00	7.67E+00	2.21E+00
1904	Gridded	4.33E-01	1.57E-01	76.86	22.00	3.83E+01	1.05E+01	5.46E+00	1.99E+00	5.46E+00	1.99E+00	5.46E+00	1.99E+00
1905	Gridded	4.55E-01	1.75E-01	74.51	21.45	3.70E+01	1.03E+01	5.59E+00	2.06E+00	5.59E+00	2.06E+00	5.59E+00	2.06E+00
1906	Gridded	4.98E-01	1.69E-01	78.17	31.19	3.90E+01	1.50E+01	6.12E+00	2.29E+00	6.12E+00	2.29E+00	6.12E+00	2.29E+00
1907	Gridded	5.51E-01	1.56E-01	82.02	37.94	4.03E+01	1.87E+01	6.88E+00	2.18E+00	6.88E+00	2.18E+00	6.88E+00	2.18E+00
1908	Gridded	5.87E-01	1.41E-01	88.61	35.89	4.37E+01	1.78E+01	7.52E+00	1.97E+00	7.51E+00	1.97E+00	7.51E+00	1.97E+00
1909	Gridded	4.13E-01	7.80E-02	45.83	10.45	2.24E+01	5.08E+00	4.20E+00	9.58E-01	4.20E+00	9.58E-01	4.20E+00	9.58E-01
1910	Gridded	3.62E-01	8.24E-02	45.45	10.98	2.21E+01	5.32E+00	4.04E+00	1.02E+00	4.04E+00	1.02E+00	4.04E+00	1.02E+00
1911	Gridded	3.58E-01	8.76E-02	47.93	11.32	2.38E+01	5.45E+00	4.03E+00	1.09E+00	4.03E+00	1.09E+00	4.03E+00	1.09E+00
1912	Gridded	3.59E-01	9.25E-02	50.11	11.82	2.48E+01	5.55E+00	3.97E+00	1.15E+00	3.97E+00	1.15E+00	3.97E+00	1.15E+00
1913	Gridded	3.76E-01	9.77E-02	50.20	12.50	2.48E+01	5.87E+00	4.28E+00	1.21E+00	4.28E+00	1.21E+00	4.28E+00	1.21E+00
1914	Gridded	3.77E-01	1.01E-01	50.37	12.87	2.49E+01	6.23E+00	4.55E+00	1.25E+00	4.55E+00	1.25E+00	4.55E+00	1.25E+00
1915	Gridded	3.95E-01	1.05E-01	52.58	14.66	2.59E+01	7.24E+00	4.57E+00	1.29E+00	4.57E+00	1.29E+00	4.57E+00	1.29E+00

1916	Gridded	4.39E-01	1.13E-01	55.44	16.51	2.74E+01	8.13E+00	4.94E+00	1.36E+00	4.94E+00	1.36E+00	4.94E+00	1.36E+00
1917	Gridded	4.07E-01	1.20E-01	60.54	17.30	2.99E+01	8.44E+00	4.79E+00	1.41E+00	4.79E+00	1.41E+00	4.79E+00	1.41E+00
1918	Gridded	4.19E-01	1.31E-01	65.04	17.14	3.18E+01	8.23E+00	5.07E+00	1.63E+00	5.07E+00	1.63E+00	5.07E+00	1.63E+00
1919	Gridded	4.30E-01	1.58E-01	55.76	17.82	2.75E+01	8.33E+00	5.33E+00	1.91E+00	5.33E+00	1.91E+00	5.33E+00	1.91E+00
1920	Gridded	4.29E-01	1.65E-01	57.50	17.56	2.84E+01	8.52E+00	5.07E+00	1.95E+00	5.07E+00	1.95E+00	5.07E+00	1.95E+00
1921	Gridded	4.57E-01	1.57E-01	58.98	19.85	2.92E+01	9.65E+00	5.57E+00	1.94E+00	5.57E+00	1.94E+00	5.57E+00	1.94E+00
1922	Gridded	4.96E-01	1.73E-01	64.33	21.32	3.20E+01	1.01E+01	5.25E+00	2.09E+00	5.25E+00	2.09E+00	5.25E+00	2.09E+00
1923	Gridded	6.09E-01	1.98E-01	77.69	22.50	3.78E+01	1.08E+01	6.71E+00	2.31E+00	6.71E+00	2.31E+00	6.71E+00	2.31E+00
1924	Gridded	5.19E-01	2.06E-01	82.86	26.18	4.01E+01	1.20E+01	6.46E+00	2.54E+00	6.46E+00	2.54E+00	6.46E+00	2.54E+00
1925	Gridded	5.62E-01	2.24E-01	124.45	19.34	5.90E+01	8.09E+00	6.71E+00	2.57E+00	6.71E+00	2.57E+00	6.71E+00	2.57E+00
1926	Gridded	5.44E-01	1.45E-01	76.92	8.40	3.77E+01	3.53E+00	6.55E+00	1.59E+00	6.55E+00	1.59E+00	6.55E+00	1.59E+00
1927	Gridded	6.11E-01	1.14E-01	63.56	11.98	2.74E+01	4.88E+00	7.18E+00	1.33E+00	7.18E+00	1.33E+00	7.18E+00	1.33E+00
1928	Gridded	6.47E-01	1.47E-01	61.93	13.44	2.79E+01	5.71E+00	7.59E+00	1.70E+00	7.59E+00	1.70E+00	7.59E+00	1.70E+00
1929	Gridded	5.65E-01	9.90E-02	62.01	9.26	3.10E+01	4.13E+00	6.56E+00	1.14E+00	6.56E+00	1.14E+00	6.56E+00	1.14E+00
1930	Gridded	5.22E-01	1.16E-01	62.85	11.79	3.05E+01	5.47E+00	6.10E+00	1.32E+00	6.10E+00	1.32E+00	6.10E+00	1.32E+00
1931	Gridded	5.58E-01	1.53E-01	80.03	13.26	4.01E+01	6.34E+00	6.53E+00	1.73E+00	6.53E+00	1.73E+00	6.53E+00	1.73E+00
1932	Gridded	9.03E-01	1.85E-01	155.93	22.58	7.75E+01	1.06E+01	1.21E+01	2.27E+00	1.21E+01	2.27E+00	1.21E+01	2.27E+00
1933	Gridded	5.80E-01	2.01E-01	148.14	23.00	7.41E+01	1.12E+01	8.61E+00	2.31E+00	8.61E+00	2.31E+00	8.61E+00	2.31E+00
1934	Gridded	4.74E-01	1.56E-01	90.41	23.74	4.53E+01	1.14E+01	5.83E+00	2.01E+00	5.83E+00	2.01E+00	5.83E+00	2.01E+00
1935	Gridded	5.07E-01	1.62E-01	78.05	19.75	3.88E+01	9.57E+00	6.44E+00	1.97E+00	6.44E+00	1.97E+00	6.44E+00	1.97E+00
1936	Gridded	6.30E-01	1.62E-01	78.51	32.89	3.91E+01	1.62E+01	6.36E+00	2.26E+00	6.36E+00	2.26E+00	6.36E+00	2.26E+00
1937	Gridded	7.11E-01	1.34E-01	94.93	35.48	4.72E+01	1.76E+01	7.17E+00	1.91E+00	7.17E+00	1.91E+00	7.17E+00	1.91E+00
1938	Gridded	5.63E-01	1.20E-01	92.05	28.93	4.53E+01	1.44E+01	7.26E+00	1.58E+00	7.26E+00	1.58E+00	7.26E+00	1.58E+00
1939	Gridded	5.63E-01	1.11E-01	101.86	22.26	5.00E+01	1.05E+01	7.62E+00	1.48E+00	7.62E+00	1.48E+00	7.62E+00	1.48E+00
1940	Gridded	3.33E-01	7.32E-02	43.80	10.12	2.15E+01	4.86E+00	3.76E+00	8.78E-01	3.76E+00	8.77E-01	3.76E+00	8.77E-01
1941	Gridded	3.16E-01	7.86E-02	46.31	10.23	2.28E+01	4.90E+00	3.78E+00	9.49E-01	3.78E+00	9.48E-01	3.78E+00	9.48E-01
1942	Gridded	3.14E-01	8.50E-02	48.25	10.31	2.37E+01	4.91E+00	4.01E+00	1.03E+00	4.01E+00	1.03E+00	4.01E+00	1.03E+00
1943	Gridded	3.29E-01	9.21E-02	47.69	10.47	2.33E+01	5.10E+00	4.10E+00	1.12E+00	4.10E+00	1.12E+00	4.10E+00	1.12E+00
1944	Gridded	3.46E-01	1.01E-01	47.47	11.39	2.32E+01	5.43E+00	4.29E+00	1.23E+00	4.29E+00	1.23E+00	4.29E+00	1.23E+00
1945	Gridded	3.62E-01	1.06E-01	46.96	12.52	2.33E+01	5.95E+00	4.44E+00	1.30E+00	4.44E+00	1.30E+00	4.44E+00	1.30E+00
1946	Gridded	3.79E-01	1.15E-01	52.55	13.68	2.60E+01	6.47E+00	4.52E+00	1.41E+00	4.52E+00	1.41E+00	4.52E+00	1.41E+00
1947	Gridded	3.81E-01	1.28E-01	53.84	14.70	2.65E+01	6.91E+00	4.58E+00	1.55E+00	4.58E+00	1.55E+00	4.58E+00	1.55E+00
1948	Gridded	3.95E-01	1.38E-01	52.81	15.16	2.62E+01	7.07E+00	4.84E+00	1.66E+00	4.84E+00	1.66E+00	4.84E+00	1.66E+00
1949	Gridded	4.02E-01	1.46E-01	54.07	16.68	2.68E+01	8.21E+00	4.92E+00	1.74E+00	4.92E+00	1.74E+00	4.92E+00	1.74E+00
1950	Gridded	4.31E-01	1.49E-01	55.36	19.93	2.75E+01	9.69E+00	5.10E+00	1.75E+00	5.10E+00	1.75E+00	5.10E+00	1.75E+00
1951	Gridded	5.42E-01	1.52E-01	56.52	21.53	2.76E+01	1.03E+01	5.47E+00	1.87E+00	5.47E+00	1.87E+00	5.47E+00	1.87E+00
1952	Gridded	5.48E-01	1.74E-01	59.51	21.00	2.93E+01	9.81E+00	5.54E+00	2.13E+00	5.54E+00	2.13E+00	5.54E+00	2.13E+00
1953	Gridded	4.67E-01	1.86E-01	57.99	18.42	2.84E+01	8.96E+00	5.58E+00	2.17E+00	5.58E+00	2.17E+00	5.58E+00	2.17E+00
1954	Gridded	4.43E-01	1.78E-01	59.58	19.33	2.93E+01	9.34E+00	5.18E+00	1.96E+00	5.18E+00	1.96E+00	5.18E+00	1.96E+00
1955	Gridded	4.86E-01	1.80E-01	59.42	17.42	2.91E+01	8.43E+00	5.57E+00	1.92E+00	5.57E+00	1.92E+00	5.57E+00	1.92E+00
1956	Gridded	4.75E-01	1.71E-01	75.72	18.57	3.72E+01	8.33E+00	5.48E+00	1.85E+00	5.48E+00	1.85E+00	5.48E+00	1.85E+00
1957	Gridded	5.24E-01	1.75E-01	72.44	14.39	3.47E+01	5.21E+00	6.22E+00	1.96E+00	6.22E+00	1.96E+00	6.22E+00	1.96E+00
1958	Gridded	5.56E-01	8.88E-02	65.86	9.04	2.82E+01	3.56E+00	6.70E+00	9.47E-01	6.70E+00	9.47E-01	6.70E+00	9.47E-01
1959	Gridded	5.84E-01	1.04E-01	70.24	13.79	3.10E+01	5.69E+00	7.08E+00	1.28E+00	7.08E+00	1.28E+00	7.08E+00	1.28E+00
1960	Gridded	4.98E-01	1.03E-01	62.62	9.39	3.04E+01	4.09E+00	6.07E+00	1.17E+00	6.07E+00	1.17E+00	6.07E+00	1.17E+00
1961	Gridded	4.62E-01	1.20E-01	66.79	10.96	3.23E+01	4.97E+00	5.90E+00	1.28E+00	5.90E+00	1.28E+00	5.90E+00	1.28E+00
1962	Gridded	6.09E-01	1.66E-01	103.94	18.68	5.18E+01	8.47E+00	8.14E+00	2.00E+00	8.14E+00	2.00E+00	8.14E+00	2.00E+00
1963	Gridded	5.34E-01	1.39E-01	146.50	25.98	7.35E+01	1.27E+01	6.30E+00	1.89E+00	6.30E+00	1.89E+00	6.30E+00	1.89E+00
1964	Gridded	4.62E-01	1.25E-01	78.81	20.06	3.94E+01	1.00E+01	5.77E+00	1.52E+00	5.77E+00	1.52E+00	5.77E+00	1.52E+00
1965	Gridded	4.75E-01	1.07E-01	78.81	17.50	3.91E+01	8.54E+00	5.97E+00	1.38E+00	5.97E+00	1.38E+00	5.97E+00	1.38E+00
1966	Gridded	5.32E-01	1.31E-01	80.71	28.09	4.02E+01	1.40E+01	6.66E+00	1.55E+00	6.66E+00	1.55E+00	6.66E+00	1.55E+00
1967	Gridded	6.22E-01	1.34E-01	82.15	26.78	4.09E+01	1.34E+01	6.68E+00	1.68E+00	6.68E+00	1.68E+00	6.68E+00	1.68E+00
1968	Gridded	7.64E-01	1.17E-01	85.25	18.94	4.26E+01	9.28E+00	7.71E+00	1.53E+00	7.71E+00	1.53E+00	7.71E+00	1.53E+00
1969	Gridded	5.90E-01	1.08E-01	90.43	17.53	4.42E+01	8.47E+00	6.14E+00	1.29E+00	6.14E+00	1.29E+00	6.14E+00	1.29E+00
1970	Gridded	5.70E-01	9.65E-02	90.46	16.79	4.44E+01	8.22E+00	6.61E+00	1.16E+00	6.61E+00	1.16E+00	6.61E+00	1.16E+00
1971	Gridded	3.17E-01	6.94E-02	45.52	10.59	2.22E+01	5.11E+00	3.90E+00	8.72E-01	3.90E+00	8.72E-01	3.90E+00	8.72E-01
1972	Gridded	3.25E-01	7.18E-02	46.12	11.00	2.26E+01	5.30E+00	4.14E+00	9.17E-01	4.14E+00	9.17E-01	4.14E+00	9.17E-01
1973	Gridded	3.36E-01	7.42E-02	45.63	11.40	2.22E+01	5.48E+00	4.21E+00	9.61E-01	4.21E+00	9.61E-01	4.21E+00	9.61E-01
1974	Gridded	3.43E-01	7.93E-02	44.45	12.01	2.20E+01	5.77E+00	4.21E+00	1.02E+00	4.21E+00	1.02E+00	4.21E+00	1.02E+00
1975	Gridded	3.53E-01	8.47E-02	47.10	12.66	2.33E+01	6.06E+00	4.26E+00	1.09E+00	4.26E+00	1.09E+00	4.26E+00	1.09E+00
1976	Gridded	3.60E-01	9.00E-02	49.01	13.20	2.42E+01	6.30E+00	4.32E+00	1.15E+00	4.32E+00	1.15E+00	4.32E+00	1.15E+00
1977	Gridded	3.76E-01	9.64E-02	52.75	13.42	2.61E+01	6.36E+00	4.40E+00	1.22E+00	4.40E+00	1.22E+00	4.40E+00	1.22E+00
1978	Gridded	3.78E-01	1.04E-01	53.93	13.68	2.65E+01	6.43E+00	4.71E+00	1.30E+00	4.71E+00	1.30E+00	4.71E+00	1.30E+00
1979	Gridded	3.98E-01	1.10E-01	52.47	14.47	2.59E+01	6.97E+00	4.77E+00	1.35E+00	4.77E+00	1.35E+00	4.77E+00	1.35E+00
1980	Gridded	3.99E-01	1.16E-01	52.38	15.92	2.54E+01	7.63E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00
1981	Gridded	4.14E-01	1.22E-01	51.51	17.16	2.52E+01	8.16E+00	5.06E+00	1.55E+00	5.06E+00	1.55E+00	5.06E+00	1.55E+00
1982	Gridded	4.93E-01	1.39E-01	54.41	17.40	2.69E+01	8.51E+00	5.19E+00	1.72E+00	5.19E+00	1.72E+00	5.19E+00	1.72E+00
1983	Gridded	5.40E-01	1.50E-01	61.98	21.27	3.08E+01	1.04E+01	5.45E+00	1.78E+00	5.45E+00	1.78E+00	5.45E+00	1.78E+00
1984	Gridded	5.57E-01	1.43E-01	59.57	22.30	2.93E+01	1.08E+01	5.62E+00	1.84E+00	5.62E+00	1.84E+00	5.62E+00	1.84E+00
1985	Gridded	5.80E-01	1.59E-01	53.62	18.92	2.63E+01	8.79E+00	5.85E+00	1.94E+00	5.85E+00	1.94E+00	5.85E+00	1.94E+00
1986	Gridded	5.28E-01	1.55E-01	50.87	14.47	2.52E+01	7.07E+00	5.36E+00	1.77E+00	5.36E+00	1.77E+00	5.36E+00	1.77E+00
1987	Gridded	4.30E-01	1.39E-01	59.65	16.15	2.94E+01	7.72E+00	4.93E+00	1.45E+00	4.93E+00	1.45E+00	4.93E+00	1.45E+00
1988	Gridded	3.91E-01	1.27E-01	63.50	17.64	3.10E+01	8.37E+00	4.98E+00	1.29E+00	4.98E+00	1.29E+00	4.98E+00	1.29E+00
1989	Gridded	4.04E-01	6.03E-02	71.48	9.66	3.31E+01	3.41E+00	4.39E+00	6.13E-01	4.39E+00	6.13E-01	4.39E+00	6.13E-01
1990	Gridded	3.91E-01	3.50E-02	74.81	12.87	3.38E+01	5.64E+00	4.31E+00	5.64E-01	4.31E+00	5.64E-01	4.31E+00	5.64E-01
1991	Gridded	3.34E-01	6.14E-02	75.16	9.94	3.70E+01	4.28E+00	4.09E+00	7.18E-01	4.09E+00	7.18E-01	4.09E+00	7.18E-01
1992	Gridded	3.58E-01	8.53E-02	78.82	12.53	3.95E+01	5.44E+00	3.92E+00	9.05E-01	3.92E+00	9.05E-01	3.92E+00	9.05E-01
1993	Gridded	5.11E-01	1.05E-01	89.96	23.80	4.51E+01	1.18E+01	6.07E+00	1.45E+00	6.07E+00	1.45E+00	6.07E+00	1.45E+00
1994	Gridded	5.14E-01	9.69E-02	83.64	16.78	4.19E+01	8.37E+00	5.92E+00	1.22E+00	5.92E+00	1.22E+00	5.92E+00	1.22E+00
1995	Gridded	4.87E-01	1.17E-01	75.82	15.15	3.79E+01	7.59E+00	5.57E+00	1.31E+00	5.57E+00	1.31E+00	5.57E+00	1.31E+00
1996	Gridded	4.69E-01	1.19E-01	70.19	14.50	3.52E+01	7.27E+00	5.43E+00	1.46E+00	5.43E+00	1.46E+00	5.43E+00	1.46E+00
1997	Gridded	4.86E-01	1.13E-01	65.64	17.44	3.28E+01	8.49E+00	5.80E+00	1.47E+00	5.80E+00	1.47E+00	5.80E+00	1.47E+00
1998	Gridded	6.07E-01	1.08E-01	83.93	17.89	4.19E+01	8.77E+00	6.91E+00	1.35E+00	6.91E+00	1.35E+00	6.91E+00	1.35E+00
1999	Gridded	7.39E-01	9.99E-02	94.71	16.00	4.65E+01	7.96E+00	7.46E+00	1.23E+00	7.46E+00	1.23E+00	7.46E+00	1.23E+00
2000	Gridded	6.36E-01	1.04E-01	100.24	16.33	4.86E+01	8.05E+00	7.73E+00	1.36E+00	7.73E+00	1.36E+00	7.73E+00	1.36E+00
2001	Gridded	6.65E-01	1.01E-01	110.44	18.10	5.39E+01	8.89E+00	7.72E+00	1.36E+00	7.72E+00	1.36E+00	7.72E+00	1.36E+00
2002	Gridded	3.16E-01	8.85E-02	41.62	9.75	2.05E+01	4.69E+00	3.74E+00	1.05E+00	3.74E+00	1.05E+00	3.74E+00	1.05E+00
2003	Gridded	3.26E-01	9.12E-02	44.55	10.09	2.21E+01	4.85E+00	3.89E+00	1.08E+00	3.89E+00	1.08E+00	3.89E+00	1.08E+00
2004	Gridded	3.28E-01	9.35E-02	46.60	10.52	2.31E+01	5.10E+00	3.92E+00	1.11E+00	3.92E+00	1.11E+00	3.92E+00	1.11E+00
2005	Gridded	3.26E-01	9.44E-02	47.29	11.25	2.34E+01	5.46E+00	3.85E+00	1.12E+00	3.85E+00	1.12E+00	3.85E+00	1.12E+00
2006	Gridded	3.28E-01	9.41E-02	48.44	12.08	2.39E+01	5.87E+00	3.82E+00	1.12E+00	3.82E+00	1.12E+00	3.82E+00	1.12E+00
2007	Gridded	3.32E-01	9.44E-02	49.57	13.01	2.44E+01	6.31E+00	3.95E+00	1.12E+00	3.95E+00	1.12E+00	3.95E+00	1.12E+00
2008	Gridded	3.40E-01	9.88E-02	51.40	13.86	2.53E+01	6.72E+00	4.34E+00	1.18E+00	4.34E+00	1.18E+00	4.34E+00	1.18E+00
2009	Gridded	3.64E-01	1.06E-01	51.28	15.00	2.53E+01	7.25E+00	4.62E+00	1.25E+00	4.62E+00	1.25E+00	4.62E+00	1.25E+00
2010	Gridded	3.84E-01	1.10E-01	49.34	15.89	2.44E+01	7.66E+00	4.75E+00	1.31E+00	4.75E+00	1.31E+00	4.75E+00	1.31E+00
2011	Gridded	4.03E-01	1.14E-01	55.11	16.54	2.73E+01	7.93E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00	4.80E+00	1.40E+00
2012	Gridded	4.13E-01	1.18E-01	58.43	16.98	2.88E+01	8.09E+00	4.88E+00	1.49E+00	4.88E+00	1.49E+00	4.88E+00	1.49E+00
2013	Gridded	4.35E-01	1.24E-01	61.50	16.85	3.04E+01	7.92E+00	5.21E+00	1.56E+00	5.21E+00	1.56E+00	5.21E+00	1.56E+00
2014	Gridded	4.45E-01	1.26E-01	59.78	15.88	2.94E+01	7.78E+00	5.56E+00	1.55E+00	5.56E+00	1.55E+00	5.56E+00	1.55E+00
2015	Gridded	4.60E-01	1.21E-01	52.81	15.34	2.57E+01	7.47E+00	5.48E+00	1.44E+00	5.48E+00	1.44E+00	5.48E+00	1.44E+00
2016	Gridded	4.32E-01	1.12E-01	50.76	16.15	2.48E+01	7.88E+00	4.83E+00	1.28E+00	4.83E+00	1.28E+00	4.83E+00	1.28E+00
2017	Gridded	4.05E-01	1.10E-01	54.18	19.31	2.66E+01	9.46E+00	4.96E+00	1.29E+00	4.96E+00	1.29E+00	4.96E+00	1.29E+00

2018	Gridded	3.72E-01	1.14E-01	68.64	19.11	3.41E+01	9.31E+00	4.72E+00	1.51E+00	4.72E+00	1.51E+00	4.72E+00	1.51E+00
2019	Gridded	3.92E-01	9.84E-02	74.14	16.07	3.72E+01	8.01E+00	4.53E+00	9.93E-01	4.53E+00	9.93E-01	4.53E+00	9.93E-01
2020	Gridded	4.09E-01	3.62E-02	66.72	13.60	3.35E+01	6.82E+00	4.75E+00	4.73E-01	4.75E+00	4.73E-01	4.75E+00	4.73E-01
2021	Gridded	4.03E-01	2.80E-02	61.10	8.71	3.06E+01	4.37E+00	4.69E+00	3.25E-01	4.69E+00	3.25E-01	4.69E+00	3.25E-01
2022	Gridded	3.74E-01	4.09E-02	82.79	8.88	4.15E+01	4.45E+00	4.37E+00	4.58E-01	4.37E+00	4.58E-01	4.37E+00	4.58E-01
2023	Gridded	3.77E-01	6.03E-02	83.06	21.85	4.16E+01	1.10E+01	4.09E+00	7.44E-01	4.09E+00	7.44E-01	4.09E+00	7.44E-01
2024	Gridded	3.86E-01	8.36E-02	94.78	15.44	4.75E+01	7.65E+00	4.93E+00	9.44E-01	4.93E+00	9.44E-01	4.93E+00	9.44E-01
2025	Gridded	6.04E-01	1.01E-01	75.62	13.94	3.79E+01	6.67E+00	6.09E+00	1.24E+00	6.09E+00	1.24E+00	6.09E+00	1.24E+00
2026	Gridded	6.39E-01	9.08E-02	63.45	13.93	3.16E+01	6.74E+00	6.44E+00	1.14E+00	6.44E+00	1.14E+00	6.44E+00	1.14E+00
2027	Gridded	6.07E-01	8.51E-02	74.47	12.69	3.71E+01	6.18E+00	6.13E+00	1.03E+00	6.13E+00	1.03E+00	6.13E+00	1.03E+00
2028	Gridded	6.31E-01	9.01E-02	102.69	12.59	5.07E+01	6.10E+00	6.98E+00	1.12E+00	6.98E+00	1.12E+00	6.98E+00	1.12E+00
2029	Gridded	6.46E-01	9.35E-02	127.62	17.36	6.33E+01	8.66E+00	7.58E+00	1.18E+00	7.58E+00	1.18E+00	7.58E+00	1.18E+00
2030	Gridded	5.58E-01	9.63E-02	133.03	21.72	6.61E+01	1.09E+01	7.31E+00	1.20E+00	7.31E+00	1.20E+00	7.31E+00	1.20E+00
2031	Gridded	4.62E-01	9.94E-02	132.69	22.32	6.60E+01	1.12E+01	6.86E+00	1.23E+00	6.86E+00	1.23E+00	6.86E+00	1.23E+00
2032	Gridded	4.45E-01	9.33E-02	123.05	19.89	6.12E+01	9.95E+00	6.15E+00	1.16E+00	6.15E+00	1.16E+00	6.15E+00	1.16E+00
2033	Gridded	5.60E-01	9.52E-02	46.80	13.18	2.30E+01	6.30E+00	5.65E+00	1.20E+00	5.65E+00	1.20E+00	5.65E+00	1.20E+00
2034	Gridded	5.02E-01	9.92E-02	48.99	13.45	2.41E+01	6.42E+00	5.07E+00	1.25E+00	5.07E+00	1.25E+00	5.07E+00	1.25E+00
2035	Gridded	4.15E-01	1.03E-01	49.82	13.77	2.45E+01	6.56E+00	4.30E+00	1.29E+00	4.30E+00	1.29E+00	4.30E+00	1.29E+00
2036	Gridded	3.43E-01	1.06E-01	49.70	13.99	2.44E+01	6.65E+00	4.26E+00	1.33E+00	4.26E+00	1.33E+00	4.26E+00	1.33E+00
2037	Gridded	3.47E-01	1.09E-01	50.22	14.13	2.47E+01	6.71E+00	4.26E+00	1.36E+00	4.26E+00	1.36E+00	4.26E+00	1.36E+00
2038	Gridded	3.52E-01	1.11E-01	50.43	14.24	2.47E+01	6.75E+00	4.30E+00	1.38E+00	4.30E+00	1.38E+00	4.30E+00	1.38E+00
2039	Gridded	3.62E-01	1.15E-01	51.52	14.47	2.53E+01	6.83E+00	4.52E+00	1.42E+00	4.52E+00	1.42E+00	4.52E+00	1.42E+00
2040	Gridded	3.64E-01	1.19E-01	50.77	14.78	2.49E+01	7.15E+00	4.63E+00	1.47E+00	4.63E+00	1.47E+00	4.63E+00	1.47E+00
2041	Gridded	3.68E-01	1.20E-01	48.68	15.48	2.39E+01	7.49E+00	4.61E+00	1.48E+00	4.61E+00	1.48E+00	4.61E+00	1.48E+00
2042	Gridded	3.76E-01	1.19E-01	50.33	16.15	2.47E+01	7.79E+00	4.62E+00	1.46E+00	4.62E+00	1.46E+00	4.62E+00	1.46E+00
2043	Gridded	3.83E-01	1.19E-01	51.96	16.58	2.58E+01	7.96E+00	4.62E+00	1.50E+00	4.62E+00	1.50E+00	4.62E+00	1.50E+00
2044	Gridded	4.08E-01	1.29E-01	55.62	16.84	2.76E+01	8.03E+00	4.91E+00	1.61E+00	4.91E+00	1.61E+00	4.91E+00	1.61E+00
2045	Gridded	4.21E-01	1.33E-01	56.53	16.23	2.81E+01	8.01E+00	4.88E+00	1.63E+00	4.88E+00	1.63E+00	4.88E+00	1.63E+00
2046	Gridded	4.09E-01	1.31E-01	58.89	15.28	2.95E+01	7.55E+00	4.53E+00	1.56E+00	4.53E+00	1.56E+00	4.53E+00	1.56E+00
2047	Gridded	3.88E-01	1.23E-01	56.19	13.17	2.81E+01	6.51E+00	4.54E+00	1.41E+00	4.54E+00	1.41E+00	4.54E+00	1.41E+00
2048	Gridded	3.66E-01	1.20E-01	54.91	14.15	2.75E+01	7.02E+00	4.40E+00	1.36E+00	4.40E+00	1.36E+00	4.40E+00	1.36E+00
2049	Gridded	3.82E-01	1.00E-01	61.10	14.36	3.06E+01	7.08E+00	4.43E+00	1.04E+00	4.43E+00	1.04E+00	4.43E+00	1.04E+00
2050	Gridded	4.23E-01	8.39E-02	70.61	19.46	3.54E+01	9.76E+00	4.90E+00	8.47E-01	4.90E+00	8.47E-01	4.90E+00	8.47E-01
2051	Gridded	4.40E-01	8.12E-02	59.23	10.65	2.97E+01	5.34E+00	5.12E+00	8.41E-01	5.12E+00	8.41E-01	5.12E+00	8.41E-01
2052	Gridded	4.31E-01	3.78E-02	49.02	3.05	2.33E+01	1.46E+00	5.03E+00	3.82E-01	5.03E+00	3.82E-01	5.03E+00	3.82E-01
2053	Gridded	3.98E-01	5.90E-02	42.71	4.90	1.98E+01	2.46E+00	4.67E+00	5.96E-01	4.67E+00	5.96E-01	4.67E+00	5.96E-01
2054	Gridded	3.78E-01	8.50E-02	85.80	10.27	4.30E+01	5.05E+00	4.15E+00	8.58E-01	4.15E+00	8.58E-01	4.15E+00	8.58E-01
2055	Gridded	3.90E-01	1.06E-01	87.35	14.45	4.38E+01	6.91E+00	4.27E+00	1.12E+00	4.27E+00	1.12E+00	4.27E+00	1.12E+00
2056	Gridded	4.95E-01	9.48E-02	79.35	12.10	3.98E+01	5.79E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00
2057	Gridded	5.14E-01	9.66E-02	103.93	9.95	5.21E+01	4.77E+00	6.04E+00	1.10E+00	6.04E+00	1.10E+00	6.04E+00	1.10E+00
2058	Gridded	5.00E-01	9.95E-02	109.72	9.18	5.50E+01	4.47E+00	5.79E+00	1.14E+00	5.79E+00	1.14E+00	5.79E+00	1.14E+00
2059	Gridded	4.88E-01	1.05E-01	108.37	10.09	5.43E+01	4.81E+00	6.11E+00	1.23E+00	6.11E+00	1.23E+00	6.11E+00	1.23E+00
2060	Gridded	5.35E-01	1.09E-01	101.64	11.42	5.09E+01	5.50E+00	6.27E+00	1.29E+00	6.27E+00	1.29E+00	6.27E+00	1.29E+00
2061	Gridded	5.69E-01	1.06E-01	90.35	11.62	4.52E+01	5.64E+00	6.46E+00	1.27E+00	6.46E+00	1.27E+00	6.46E+00	1.27E+00
2062	Gridded	5.79E-01	9.81E-02	78.87	11.95	3.94E+01	5.94E+00	6.42E+00	1.19E+00	6.42E+00	1.19E+00	6.42E+00	1.19E+00
2063	Gridded	5.20E-01	9.32E-02	77.04	12.00	3.77E+01	5.97E+00	6.14E+00	1.08E+00	6.14E+00	1.08E+00	6.14E+00	1.08E+00
2064	Gridded	4.04E-01	9.28E-02	42.27	14.58	2.08E+01	7.06E+00	4.07E+00	1.21E+00	4.07E+00	1.21E+00	4.07E+00	1.21E+00
2065	Gridded	4.79E-01	9.42E-02	42.66	14.88	2.10E+01	7.22E+00	4.83E+00	1.23E+00	4.83E+00	1.23E+00	4.83E+00	1.23E+00
2066	Gridded	5.38E-01	9.42E-02	43.89	15.31	2.15E+01	7.44E+00	5.43E+00	1.24E+00	5.43E+00	1.24E+00	5.43E+00	1.24E+00
2067	Gridded	5.96E-01	9.33E-02	42.80	15.71	2.09E+01	7.65E+00	6.01E+00	1.24E+00	6.01E+00	1.24E+00	6.01E+00	1.24E+00
2068	Gridded	6.59E-01	9.27E-02	40.93	16.17	2.00E+01	7.89E+00	6.65E+00	1.24E+00	6.65E+00	1.24E+00	6.65E+00	1.24E+00
2069	Gridded	6.49E-01	9.44E-02	41.41	16.41	2.02E+01	8.02E+00	6.55E+00	1.22E+00	6.55E+00	1.22E+00	6.55E+00	1.22E+00
2070	Gridded	5.86E-01	9.93E-02	44.20	16.77	2.16E+01	8.20E+00	5.92E+00	1.28E+00	5.92E+00	1.28E+00	5.92E+00	1.28E+00
2071	Gridded	5.40E-01	1.06E-01	47.65	17.24	2.33E+01	8.45E+00	5.45E+00	1.36E+00	5.45E+00	1.36E+00	5.45E+00	1.36E+00
2072	Gridded	4.61E-01	1.12E-01	50.55	17.41	2.49E+01	8.54E+00	4.65E+00	1.43E+00	4.65E+00	1.43E+00	4.65E+00	1.43E+00
2073	Gridded	4.19E-01	1.19E-01	55.71	17.54	2.75E+01	8.55E+00	4.75E+00	1.51E+00	4.75E+00	1.51E+00	4.75E+00	1.51E+00
2074	Gridded	4.19E-01	1.26E-01	59.43	18.42	2.94E+01	8.88E+00	5.00E+00	1.56E+00	5.00E+00	1.56E+00	5.00E+00	1.56E+00
2075	Gridded	4.48E-01	1.44E-01	64.33	19.13	3.19E+01	9.19E+00	5.33E+00	1.72E+00	5.33E+00	1.72E+00	5.33E+00	1.72E+00
2076	Gridded	4.48E-01	1.57E-01	65.89	19.13	3.28E+01	9.15E+00	5.32E+00	1.87E+00	5.32E+00	1.87E+00	5.32E+00	1.87E+00
2077	Gridded	4.14E-01	1.58E-01	63.28	17.45	3.16E+01	8.30E+00	4.98E+00	1.86E+00	4.98E+00	1.86E+00	4.98E+00	1.86E+00
2078	Gridded	4.02E-01	1.51E-01	57.59	15.62	2.88E+01	7.37E+00	4.71E+00	1.76E+00	4.71E+00	1.76E+00	4.71E+00	1.76E+00
2079	Gridded	3.91E-01	1.33E-01	56.97	17.45	2.86E+01	8.36E+00	4.44E+00	1.59E+00	4.44E+00	1.59E+00	4.44E+00	1.59E+00
2080	Gridded	3.91E-01	1.14E-01	64.71	18.16	3.24E+01	8.93E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00	4.55E+00	1.17E+00
2081	Gridded	4.32E-01	1.15E-01	65.93	15.86	3.31E+01	7.92E+00	5.03E+00	1.17E+00	5.03E+00	1.17E+00	5.03E+00	1.17E+00
2082	Gridded	4.48E-01	9.82E-02	49.82	8.13	2.41E+01	4.07E+00	5.23E+00	9.91E-01	5.23E+00	9.91E-01	5.23E+00	9.91E-01
2083	Gridded	4.38E-01	1.00E-01	46.34	2.94	2.19E+01	1.41E+00	5.13E+00	1.01E+00	5.13E+00	1.01E+00	5.13E+00	1.01E+00
2084	Gridded	4.03E-01	7.21E-02	40.75	2.72	1.87E+01	1.24E+00	4.74E+00	7.28E-01	4.74E+00	7.28E-01	4.74E+00	7.28E-01
2085	Gridded	4.46E-01	9.31E-02	94.80	12.84	4.75E+01	6.44E+00	4.50E+00	9.40E-01	4.50E+00	9.40E-01	4.50E+00	9.40E-01
2086	Gridded	5.32E-01	1.18E-01	111.86	16.12	5.61E+01	7.81E+00	5.57E+00	1.21E+00	5.57E+00	1.21E+00	5.57E+00	1.21E+00
2087	Gridded	7.31E-01	1.09E-01	102.11	14.70	5.12E+01	6.91E+00	7.38E+00	1.37E+00	7.38E+00	1.37E+00	7.38E+00	1.37E+00
2088	Gridded	6.03E-01	1.24E-01	84.88	11.95	4.25E+01	5.64E+00	6.28E+00	1.46E+00	6.28E+00	1.46E+00	6.28E+00	1.46E+00
2089	Gridded	5.09E-01	1.05E-01	78.49	10.60	3.93E+01	5.01E+00	6.23E+00	1.25E+00	6.23E+00	1.25E+00	6.23E+00	1.25E+00
2090	Gridded	4.95E-01	8.73E-02	75.91	11.36	3.81E+01	5.05E+00	5.93E+00	1.08E+00	5.93E+00	1.08E+00	5.93E+00	1.08E+00
2091	Gridded	5.55E-01	1.02E-01	86.45	12.90	4.33E+01	5.88E+00	6.12E+00	1.26E+00	6.12E+00	1.26E+00	6.12E+00	1.26E+00
2092	Gridded	5.23E-01	1.05E-01	90.92	13.26	4.55E+01	6.16E+00	5.85E+00	1.30E+00	5.85E+00	1.30E+00	5.85E+00	1.30E+00
2093	Gridded	4.83E-01	1.01E-01	89.43	12.88	4.47E+01	6.03E+00	5.60E+00	1.25E+00	5.60E+00	1.25E+00	5.60E+00	1.25E+00
2094	Gridded	4.72E-01	9.33E-02	85.73	12.13	4.29E+01	5.72E+00	5.52E+00	1.16E+00	5.52E+00	1.16E+00	5.52E+00	1.16E+00
2095	Gridded	3.96E-01	7.38E-02	48.79	11.78	2.34E+01	5.77E+00	4.89E+00	9.26E-01	4.89E+00	9.26E-01	4.89E+00	9.26E-01
2096	Gridded	4.00E-01	7.35E-02	49.63	12.15	2.38E+01	5.95E+00	4.95E+00	9.45E-01	4.95E+00	9.45E-01	4.95E+00	9.45E-01
2097	Gridded	3.94E-01	7.33E-02	49.52	12.70	2.38E+01	6.22E+00	4.89E+00	9.50E-01	4.89E+00	9.50E-01	4.89E+00	9.50E-01
2098	Gridded	3.78E-01	7.37E-02	48.75	13.35	2.35E+01	6.54E+00	4.72E+00	9.98E-01	4.72E+00	9.98E-01	4.72E+00	9.98E-01
2099	Gridded	3.69E-01	7.76E-02	47.66	14.07	2.30E+01	6.90E+00	4.61E+00	1.05E+00	4.61E+00	1.05E+00	4.61E+00	1.05E+00
2100	Gridded	3.78E-01	7.98E-02	46.98	14.46	2.28E+01	7.09E+00	4.44E+00	1.08E+00	4.44E+00	1.08E+00	4.44E+00	1.08E+00
2101	Gridded	3.80E-01	8.30E-02	47.79	15.01	2.34E+01	7.37E+00	4.31E+00	1.12E+00	4.31E+00	1.12E+00	4.31E+00	1.12E+00
2102	Gridded	3.63E-01	9.30E-02	51.83	15.69	2.54E+01	7.71E+00	4.24E+00	1.18E+00	4.24E+00	1.18E+00	4.24E+00	1.18E+00
2103	Gridded	3.53E-01	1.05E-01	54.83	16.33	2.70E+01	8.03E+00	4.38E+00	1.34E+00	4.38E+00	1.34E+00	4.38E+00	1.34E+00
2104	Gridded	3.89E-01	1.18E-01	58.54	16.95	2.89E+01	8.34E+00	4.56E+00	1.50E+00	4.56E+00	1.50E+00	4.56E+00	1.50E+00
2105	Gridded	4.22E-01	1.26E-01	60.47	17.82	2.99E+01	8.55E+00	5.00E+00	1.60E+00	5.00E+00	1.60E+00	5.00E+00	1.60E+00
2106	Gridded	4.50E-01	1.33E-01	61.39	19.34	3.05E+01	9.25E+00	5.42E+00	1.69E+00	5.42E+00	1.69E+00	5.42E+00	1.69E+00
2107	Gridded	4.46E-01	1.31E-01	62.55	19.85	3.08E+01	9.50E+00	5.48E+00	1.69E+00	5.48E+00	1.69E+00	5.48E+00	1.69E+00
2108	Gridded	4.22E-01	1.14E-01	63.44	18.47	3.16E+01	8.88E+00	4.98E+00	1.50E+00	4.98E+00	1.50E+00	4.98E+00	1.50E+00
2109	Gridded	4.09E-01	1.06E-01	58.85	15.92	2.95E+01	7.71E+00	4.71E+00	1.24E+00	4.71E+00	1.24E+00	4.71E+00	1.24E+00
2110	Gridded	3.92E-01	1.29E-01	52.65	14.18	2.62E+01	6.97E+00	4.67E+00	1.41E+00	4.67E+00	1.41E+00	4.67E+00	1.41E+00
2111	Gridded	4.43E-01	1.08E-01	63.93	16.79	3.19E+01	7.97E+00	4.63E+00	1.28E+00	4.63E+00	1.28E+00	4.63E+00	1.28E+00
2112	Gridded	4.18E-01	1.17E-01	62.88	15.65	3.14E+01	7.77E+00	4.89E+00	1.18E+00	4.89E+00	1.18E+00	4.89E+00	1.18E+00
2113	Gridded	4.31E-01	9.76E-02	59.18	13.03	2.95E+01	6.52E+00	5.06E+00	1.00E+00	5.06E+00	1.00E+00	5.06E+00	1.00E+00
2114	Gridded	4.20E-01	1.37E-01	41.64	7.05	1.93E+01	3.20E+00	4.95E+00	1.39E+00	4.95E+00	1.39E+00	4.95E+00	1.39E+00
2115	Gridded	3.86E-01	8.50E-02	40.31	4.80	1.77E+01	1.93E+00	4.57E+00	8.77E-01	4.57E+00	8.77E-01	4.57E+00	8.77E-01
2116	Gridded	6.11E-01	8.39E-02	64.61	12.21	3.21E+01	6.08E+00	6.16E+00	8.57E-01	6.16E+00	8.57E-01	6.16E+00	8.57E-01
2117	Gridded	6.22E-01	9.31E-02	76.52	17.43	3.78E+01	8.24E+00	6.27E+00	1.07E+00	6.27E+00	1.07E+00	6.27E+00	1.07E+00
2118	Gridded	6.33E-01	9.59E-02	67.47	13.43	3.38E+01	6.04E+00	6.39E+00	1.20E+00	6.39E+00	1.20E+00	6.39E+00	1.20E+00
2119	Gridded	5.67E-01	1.04E-01	80.48	11.29	4.03E+01	5.40E+00	5.72E+00	1.12E+00	5.72E+00	1.12E+00	5.72E+00	1.12E+00

2120	Gridded	7.11E-01	7.86E-02	81.18	12.51	4.05E+01	5.95E+00	7.18E+00	1.02E+00	7.18E+00	1.02E+00	7.18E+00	1.02E+00
2121	Gridded	5.98E-01	9.67E-02	73.85	12.35	3.66E+01	5.93E+00	6.04E+00	1.21E+00	6.03E+00	1.20E+00	6.03E+00	1.20E+00
2122	Gridded	5.22E-01	9.36E-02	78.98	11.37	3.96E+01	5.50E+00	6.37E+00	1.16E+00	6.37E+00	1.16E+00	6.37E+00	1.16E+00
2123	Gridded	5.19E-01	8.39E-02	87.23	12.15	4.36E+01	5.65E+00	6.32E+00	1.07E+00	6.32E+00	1.07E+00	6.32E+00	1.07E+00
2124	Gridded	5.08E-01	8.44E-02	85.78	12.32	4.28E+01	5.78E+00	5.58E+00	1.07E+00	5.58E+00	1.07E+00	5.58E+00	1.07E+00
2125	Gridded	5.56E-01	8.25E-02	81.13	11.93	4.03E+01	5.63E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00	5.86E+00	1.05E+00
2126	Gridded	3.99E-01	5.86E-02	50.53	10.19	2.48E+01	4.98E+00	4.79E+00	7.74E-01	4.79E+00	7.74E-01	4.79E+00	7.74E-01
2127	Gridded	4.01E-01	5.75E-02	48.47	10.30	2.38E+01	5.03E+00	4.84E+00	7.67E-01	4.83E+00	7.67E-01	4.83E+00	7.67E-01
2128	Gridded	3.94E-01	6.01E-02	45.03	10.55	2.22E+01	5.17E+00	4.76E+00	7.80E-01	4.76E+00	7.80E-01	4.76E+00	7.80E-01
2129	Gridded	3.76E-01	6.51E-02	43.11	10.93	2.09E+01	5.36E+00	4.57E+00	8.16E-01	4.57E+00	8.16E-01	4.57E+00	8.16E-01
2130	Gridded	3.72E-01	7.00E-02	42.34	11.28	2.09E+01	5.55E+00	4.35E+00	9.05E-01	4.35E+00	9.05E-01	4.35E+00	9.05E-01
2131	Gridded	3.96E-01	7.52E-02	43.80	11.52	2.17E+01	5.61E+00	4.69E+00	9.76E-01	4.69E+00	9.76E-01	4.69E+00	9.76E-01
2132	Gridded	4.11E-01	8.15E-02	44.58	12.43	2.21E+01	6.03E+00	4.95E+00	1.06E+00	4.95E+00	1.06E+00	4.95E+00	1.06E+00
2133	Gridded	3.99E-01	8.82E-02	47.24	13.59	2.32E+01	6.57E+00	4.88E+00	1.14E+00	4.88E+00	1.14E+00	4.88E+00	1.14E+00
2134	Gridded	3.98E-01	9.35E-02	51.87	14.78	2.56E+01	7.14E+00	4.79E+00	1.22E+00	4.79E+00	1.22E+00	4.79E+00	1.22E+00
2135	Gridded	4.19E-01	9.66E-02	57.15	15.87	2.83E+01	7.66E+00	4.86E+00	1.27E+00	4.86E+00	1.27E+00	4.86E+00	1.27E+00
2136	Gridded	4.07E-01	9.40E-02	59.02	16.27	2.94E+01	7.88E+00	5.08E+00	1.25E+00	5.08E+00	1.25E+00	5.08E+00	1.25E+00
2137	Gridded	4.29E-01	1.04E-01	61.77	16.32	3.04E+01	7.94E+00	5.07E+00	1.22E+00	5.07E+00	1.22E+00	5.07E+00	1.22E+00
2138	Gridded	4.54E-01	1.06E-01	61.36	14.97	3.05E+01	7.31E+00	5.38E+00	1.32E+00	5.38E+00	1.32E+00	5.38E+00	1.32E+00
2139	Gridded	4.44E-01	1.17E-01	51.83	14.65	2.59E+01	6.92E+00	5.07E+00	1.34E+00	5.07E+00	1.33E+00	5.07E+00	1.33E+00
2140	Gridded	4.90E-01	1.26E-01	48.53	14.00	2.39E+01	6.63E+00	5.79E+00	1.46E+00	5.79E+00	1.46E+00	5.79E+00	1.46E+00
2141	Gridded	4.76E-01	9.27E-02	61.28	13.89	3.06E+01	6.57E+00	5.19E+00	1.11E+00	5.19E+00	1.11E+00	5.19E+00	1.11E+00
2142	Gridded	4.69E-01	1.20E-01	56.98	15.28	2.84E+01	7.31E+00	5.43E+00	1.26E+00	5.43E+00	1.26E+00	5.43E+00	1.26E+00
2143	Gridded	4.45E-01	1.06E-01	72.96	16.50	3.59E+01	8.06E+00	5.59E+00	1.31E+00	5.59E+00	1.31E+00	5.59E+00	1.31E+00
2144	Gridded	4.18E-01	1.33E-01	65.23	14.03	3.22E+01	6.88E+00	5.09E+00	1.57E+00	5.09E+00	1.57E+00	5.09E+00	1.57E+00
2145	Gridded	4.09E-01	1.67E-01	77.02	10.69	3.65E+01	5.08E+00	5.55E+00	1.79E+00	5.55E+00	1.79E+00	5.55E+00	1.79E+00
2146	Gridded	4.14E-01	1.10E-01	56.23	9.43	2.53E+01	3.92E+00	4.91E+00	1.17E+00	4.91E+00	1.17E+00	4.91E+00	1.17E+00
2147	Gridded	3.79E-01	6.60E-02	65.65	10.38	3.17E+01	4.85E+00	4.69E+00	7.36E-01	4.69E+00	7.36E-01	4.69E+00	7.36E-01
2148	Gridded	7.44E-01	9.71E-02	68.30	12.48	3.31E+01	5.96E+00	7.50E+00	1.02E+00	7.50E+00	1.02E+00	7.50E+00	1.02E+00
2149	Gridded	5.91E-01	8.80E-02	56.23	14.80	2.78E+01	7.05E+00	5.96E+00	1.05E+00	5.96E+00	1.05E+00	5.96E+00	1.05E+00
2150	Gridded	5.73E-01	7.46E-02	50.45	13.40	2.46E+01	6.25E+00	5.79E+00	9.59E-01	5.78E+00	9.59E-01	5.78E+00	9.59E-01
2151	Gridded	5.74E-01	9.29E-02	63.99	11.15	3.17E+01	5.15E+00	5.79E+00	1.04E+00	5.79E+00	1.04E+00	5.79E+00	1.04E+00
2152	Gridded	4.37E-01	7.50E-02	67.23	11.30	3.30E+01	5.27E+00	5.67E+00	9.26E-01	5.67E+00	9.26E-01	5.67E+00	9.26E-01
2153	Gridded	5.26E-01	6.93E-02	78.18	11.63	3.91E+01	5.49E+00	6.07E+00	9.12E-01	6.07E+00	9.12E-01	6.07E+00	9.12E-01
2154	Gridded	5.49E-01	7.60E-02	84.94	11.06	4.24E+01	5.33E+00	6.74E+00	9.74E-01	6.74E+00	9.74E-01	6.74E+00	9.74E-01
2155	Gridded	5.22E-01	7.42E-02	78.29	10.21	3.88E+01	4.96E+00	6.24E+00	9.41E-01	6.24E+00	9.41E-01	6.24E+00	9.41E-01
2156	Gridded	4.86E-01	7.14E-02	70.96	10.33	3.54E+01	4.87E+00	6.13E+00	9.09E-01	6.13E+00	9.09E-01	6.13E+00	9.09E-01
2157	Gridded	3.46E-01	5.97E-02	47.78	8.23	2.31E+01	4.02E+00	4.22E+00	7.47E-01	4.22E+00	7.47E-01	4.22E+00	7.47E-01
2158	Gridded	3.97E-01	6.28E-02	45.94	8.54	2.22E+01	4.11E+00	4.48E+00	7.90E-01	4.48E+00	7.90E-01	4.48E+00	7.90E-01
2159	Gridded	3.68E-01	6.54E-02	48.36	9.22	2.35E+01	4.41E+00	4.59E+00	8.30E-01	4.59E+00	8.30E-01	4.59E+00	8.30E-01
2160	Gridded	3.60E-01	6.66E-02	49.49	9.85	2.41E+01	4.73E+00	4.47E+00	8.55E-01	4.47E+00	8.55E-01	4.47E+00	8.55E-01
2161	Gridded	3.59E-01	6.67E-02	50.36	10.48	2.47E+01	5.09E+00	4.32E+00	8.70E-01	4.32E+00	8.70E-01	4.32E+00	8.70E-01
2162	Gridded	3.87E-01	6.97E-02	50.68	11.07	2.50E+01	5.36E+00	4.66E+00	9.11E-01	4.66E+00	9.11E-01	4.66E+00	9.11E-01
2163	Gridded	4.05E-01	7.14E-02	51.48	11.61	2.51E+01	5.62E+00	5.00E+00	9.38E-01	5.00E+00	9.38E-01	5.00E+00	9.38E-01
2164	Gridded	3.86E-01	7.76E-02	55.06	12.17	2.70E+01	5.90E+00	4.94E+00	9.53E-01	4.94E+00	9.53E-01	4.94E+00	9.53E-01
2165	Gridded	4.06E-01	9.43E-02	55.42	12.29	2.75E+01	5.97E+00	4.64E+00	1.02E+00	4.64E+00	1.02E+00	4.64E+00	1.02E+00
2166	Gridded	4.20E-01	1.04E-01	55.40	11.96	2.75E+01	5.82E+00	4.98E+00	1.14E+00	4.98E+00	1.14E+00	4.98E+00	1.14E+00
2167	Gridded	4.10E-01	1.06E-01	53.37	13.43	2.66E+01	6.47E+00	4.87E+00	1.20E+00	4.87E+00	1.20E+00	4.87E+00	1.20E+00
2168	Gridded	4.38E-01	1.10E-01	56.76	14.33	2.80E+01	6.92E+00	5.33E+00	1.29E+00	5.33E+00	1.29E+00	5.33E+00	1.29E+00
2169	Gridded	4.55E-01	1.27E-01	56.43	14.83	2.78E+01	7.16E+00	5.64E+00	1.52E+00	5.64E+00	1.52E+00	5.64E+00	1.52E+00
2170	Gridded	4.12E-01	1.31E-01	70.03	15.48	3.47E+01	7.10E+00	5.43E+00	1.59E+00	5.43E+00	1.59E+00	5.43E+00	1.59E+00
2171	Gridded	4.93E-01	9.73E-02	63.36	14.12	3.17E+01	6.66E+00	5.79E+00	1.17E+00	5.79E+00	1.17E+00	5.79E+00	1.17E+00
2172	Gridded	5.00E-01	1.18E-01	58.34	12.96	2.91E+01	6.17E+00	5.75E+00	1.34E+00	5.75E+00	1.34E+00	5.75E+00	1.34E+00
2173	Gridded	5.08E-01	1.21E-01	62.91	14.03	3.14E+01	6.66E+00	5.99E+00	1.34E+00	5.99E+00	1.34E+00	5.99E+00	1.34E+00
2174	Gridded	4.57E-01	1.24E-01	79.50	14.43	3.97E+01	6.97E+00	5.49E+00	1.37E+00	5.49E+00	1.37E+00	5.49E+00	1.37E+00
2175	Gridded	4.69E-01	1.20E-01	80.21	17.57	3.99E+01	7.88E+00	5.91E+00	1.50E+00	5.91E+00	1.50E+00	5.91E+00	1.50E+00
2176	Gridded	4.80E-01	1.64E-01	77.38	13.34	3.74E+01	5.19E+00	6.29E+00	1.84E+00	6.29E+00	1.84E+00	6.29E+00	1.84E+00
2177	Gridded	6.28E-01	1.49E-01	60.13	11.48	2.83E+01	4.94E+00	6.36E+00	1.64E+00	6.36E+00	1.64E+00	6.36E+00	1.64E+00
2178	Gridded	8.91E-01	8.22E-02	60.80	8.24	2.86E+01	3.72E+00	9.00E+00	9.27E-01	9.00E+00	9.27E-01	9.00E+00	9.27E-01
2179	Gridded	4.81E-01	7.80E-02	60.31	10.19	2.91E+01	4.78E+00	5.16E+00	9.62E-01	5.16E+00	9.62E-01	5.16E+00	9.62E-01
2180	Gridded	7.28E-01	8.69E-02	54.58	10.22	2.66E+01	4.91E+00	7.34E+00	9.99E-01	7.34E+00	9.99E-01	7.34E+00	9.99E-01
2181	Gridded	5.85E-01	8.28E-02	59.37	9.90	2.93E+01	4.68E+00	5.90E+00	1.00E+00	5.90E+00	1.00E+00	5.90E+00	1.00E+00
2182	Gridded	4.85E-01	7.73E-02	59.99	12.55	2.90E+01	5.94E+00	5.76E+00	9.24E-01	5.76E+00	9.24E-01	5.76E+00	9.24E-01
2183	Gridded	4.74E-01	8.52E-02	67.10	13.65	3.29E+01	6.52E+00	5.28E+00	9.93E-01	5.28E+00	9.93E-01	5.28E+00	9.93E-01
2184	Gridded	4.65E-01	8.41E-02	74.43	13.76	3.68E+01	6.61E+00	5.85E+00	9.97E-01	5.85E+00	9.97E-01	5.85E+00	9.97E-01
2185	Gridded	5.28E-01	7.64E-02	78.74	13.51	3.91E+01	6.52E+00	6.54E+00	9.51E-01	6.54E+00	9.51E-01	6.54E+00	9.51E-01
2186	Gridded	5.05E-01	6.52E-02	85.56	13.58	4.27E+01	6.58E+00	6.44E+00	9.10E-01	6.44E+00	9.10E-01	6.44E+00	9.10E-01
2187	Gridded	4.91E-01	7.09E-02	80.39	13.64	3.98E+01	6.61E+00	5.93E+00	8.89E-01	5.93E+00	8.89E-01	5.93E+00	8.89E-01
2188	Gridded	3.45E-01	5.89E-02	49.21	9.32	2.42E+01	4.52E+00	4.19E+00	7.69E-01	4.19E+00	7.69E-01	4.19E+00	7.69E-01
2189	Gridded	3.56E-01	5.80E-02	49.88	9.65	2.44E+01	4.70E+00	4.32E+00	7.67E-01	4.32E+00	7.67E-01	4.32E+00	7.67E-01
2190	Gridded	3.66E-01	5.68E-02	49.23	9.99	2.42E+01	4.88E+00	4.50E+00	7.63E-01	4.50E+00	7.63E-01	4.50E+00	7.63E-01
2191	Gridded	3.73E-01	5.75E-02	50.53	10.13	2.47E+01	4.96E+00	4.54E+00	7.44E-01	4.53E+00	7.44E-01	4.53E+00	7.44E-01
2192	Gridded	3.51E-01	6.51E-02	53.95	10.11	2.65E+01	4.97E+00	4.40E+00	7.59E-01	4.40E+00	7.59E-01	4.40E+00	7.59E-01
2193	Gridded	3.71E-01	7.94E-02	54.89	9.80	2.72E+01	4.83E+00	4.36E+00	8.75E-01	4.36E+00	8.75E-01	4.36E+00	8.75E-01
2194	Gridded	4.07E-01	9.60E-02	52.46	10.01	2.61E+01	4.81E+00	4.95E+00	1.07E+00	4.95E+00	1.07E+00	4.95E+00	1.07E+00
2195	Gridded	4.09E-01	1.10E-01	55.76	11.15	2.73E+01	5.39E+00	5.17E+00	1.25E+00	5.17E+00	1.25E+00	5.17E+00	1.25E+00
2196	Gridded	3.61E-01	1.15E-01	59.64	12.14	2.95E+01	5.89E+00	4.59E+00	1.35E+00	4.59E+00	1.35E+00	4.59E+00	1.35E+00
2197	Gridded	3.77E-01	1.10E-01	54.72	13.37	2.73E+01	6.18E+00	4.74E+00	1.35E+00	4.74E+00	1.35E+00	4.74E+00	1.35E+00
2198	Gridded	3.64E-01	1.10E-01	56.28	14.93	2.77E+01	7.02E+00	4.66E+00	1.34E+00	4.66E+00	1.34E+00	4.66E+00	1.34E+00
2199	Gridded	3.93E-01	1.25E-01	61.74	15.58	3.05E+01	7.54E+00	4.75E+00	1.53E+00	4.75E+00	1.53E+00	4.75E+00	1.53E+00
2200	Gridded	4.22E-01	1.25E-01	66.06	16.31	3.29E+01	7.57E+00	4.95E+00	1.55E+00	4.95E+00	1.55E+00	4.95E+00	1.55E+00
2201	Gridded	4.68E-01	1.01E-01	60.41	15.33	2.97E+01	7.32E+00	5.73E+00	1.26E+00	5.73E+00	1.26E+00	5.73E+00	1.26E+00
2202	Gridded	4.96E-01	1.19E-01	66.97	13.83	3.32E+01	6.67E+00	5.90E+00	1.40E+00	5.90E+00	1.40E+00	5.90E+00	1.40E+00
2203	Gridded	5.15E-01	1.36E-01	64.53	13.57	3.21E+01	6.47E+00	6.12E+00	1.53E+00	6.12E+00	1.53E+00	6.12E+00	1.53E+00
2204	Gridded	4.71E-01	1.11E-01	66.75	13.73	3.30E+01	6.53E+00	6.00E+00	1.37E+00	6.00E+00	1.37E+00	6.00E+00	1.37E+00
2205	Gridded	5.10E-01	1.25E-01	63.01	13.52	3.06E+01	6.08E+00	5.67E+00	1.49E+00	5.67E+00	1.49E+00	5.67E+00	1.49E+00
2206	Gridded	4.21E-01	1.06E-01	74.57	15.47	3.69E+01	7.47E+00	5.31E+00	1.24E+00	5.31E+00	1.24E+00	5.31E+00	1.24E+00
2207	Gridded	4.69E-01	1.52E-01	67.18	14.18	3.26E+01	5.56E+00	5.39E+00	1.74E+00	5.39E+00	1.74E+00	5.39E+00	1.74E+00
2208	Gridded	4.68E-01	1.50E-01	58.77	12.77	2.74E+01	4.74E+00	4.88E+00	1.70E+00	4.88E+00	1.70E+00	4.88E+00	1.70E+00
2209	Gridded	4.12E-01	7.72E-02	50.94	8.91	2.39E+01	3.79E+00	4.87E+00	9.17E-01	4.87E+00	9.17E-01	4.87E+00	9.17E-01
2210	Gridded	7.95E-01	6.52E-02	56.82	9.03	2.72E+01	4.01E+00	8.03E+00	7.68E-01	8.03E+00	7.68E-01	8.03E+00	7.68E-01
2211	Gridded	5.58E-01	8.29E-02	56.91	9.26	2.74E+01	4.38E+00	5.63E+00	1.00E+00	5.63E+00	1.00E+00	5.63E+00	1.00E+00
2212	Gridded	5.64E-01	8.58E-02	51.46	10.03	2.52E+01	4.87E+00	5.70E+00	1.01E+00	5.70E+00	1.01E+00	5.70E+00	1.01E+00
2213	Gridded	4.57E-01	7.76E-02	58.46	10.68	2.90E+01	5.17E+00	5.04E+00	9.82E-01	5.04E+00	9.82E-01	5.04E+00	9.82E-01
2214	Gridded	4.35E-01	7.30E-02	70.86	12.41	3.49E+01	5.95E+00	5.38E+00	9.18E-01	5.38E+00	9.18E-01	5.38E+00	9.18E-01
2215	Gridded	4.34E-01	8.57E-02	65.79	13.47	3.26E+01	6.50E+00	5.50E+00	1.03E+00	5.50E+00	1.03E+00	5.50E+00	1.03E+00
2216	Gridded	6.80E-01	8.16E-02	71.60	13.12	3.49E+01	6.35E+00	6.86E+00	9.78E-01	6.86E+00	9.78E-01	6.86E+00	9.78E-01
2217	Gridded	4.37E-01	7.12E-02	85.48	12.38	4.09E+01	6.01E+00	5.29E+00	8.70E-01	5.29E+00	8.70E-01	5.29E+00	8.70E-01
2218	Gridded	4.68E-01	7.21E-02	87.66	12.36	4.17E+01	6.02E+00	6.07E+00	8.59E-01	6.07E+00	8.59E-01	6.07E+00	8.59E-01
2219	Gridded	3.77E-01	5.54E-02	49.71	9.10	2.44E+01	4.47E+00	4.49E+00	6.63E-01	4.49E+00	6.63E-01	4.49E+00	6.63E-01
2220	Gridded	3.78E-01	6.35E-02	52.10	8.91	2.57E+01	4.39E+00	4.55E+00	7.06E-01	4.55E+00	7.06E-01	4.55E+00	7.06E-01
2221	Gridded	3.46E-01	7.35E-02	52.06	8.69	2.57E+01	4.21E+00	4.23E+00	8.24E-01	4.23E+00	8.24E-01	4.23E+00	8.24E-01

2222	Gridded	3.64E-01	8.61E-02	48.88	8.94	2.43E+01	4.32E+00	4.48E+00	9.75E-01	4.48E+00	9.75E-01	4.48E+00	9.75E-01
2223	Gridded	3.75E-01	9.88E-02	51.73	9.46	2.52E+01	4.58E+00	4.76E+00	1.13E+00	4.76E+00	1.13E+00	4.76E+00	1.13E+00
2224	Gridded	3.67E-01	1.09E-01	58.28	10.43	2.87E+01	5.07E+00	4.70E+00	1.28E+00	4.70E+00	1.28E+00	4.70E+00	1.28E+00
2225	Gridded	3.76E-01	1.17E-01	59.66	12.86	2.96E+01	5.85E+00	4.14E+00	1.40E+00	4.14E+00	1.40E+00	4.14E+00	1.40E+00
2226	Gridded	4.03E-01	1.16E-01	53.59	15.24	2.67E+01	7.09E+00	4.60E+00	1.44E+00	4.60E+00	1.44E+00	4.60E+00	1.44E+00
2227	Gridded	3.94E-01	1.09E-01	52.68	17.16	2.60E+01	8.15E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00
2228	Gridded	4.11E-01	1.03E-01	51.43	17.43	2.55E+01	8.45E+00	4.67E+00	1.28E+00	4.67E+00	1.28E+00	4.67E+00	1.28E+00
2229	Gridded	4.31E-01	1.23E-01	55.97	15.53	2.78E+01	7.61E+00	4.86E+00	1.51E+00	4.86E+00	1.51E+00	4.86E+00	1.51E+00
2230	Gridded	4.29E-01	1.15E-01	51.79	15.63	2.56E+01	7.32E+00	5.13E+00	1.44E+00	5.13E+00	1.44E+00	5.13E+00	1.44E+00
2231	Gridded	4.54E-01	9.98E-02	61.18	14.12	3.02E+01	6.78E+00	5.33E+00	1.23E+00	5.32E+00	1.23E+00	5.32E+00	1.23E+00
2232	Gridded	4.67E-01	1.10E-01	67.04	13.55	3.33E+01	6.59E+00	5.73E+00	1.35E+00	5.73E+00	1.35E+00	5.73E+00	1.35E+00
2233	Gridded	4.92E-01	1.41E-01	69.32	15.48	3.43E+01	7.47E+00	5.98E+00	1.64E+00	5.98E+00	1.64E+00	5.98E+00	1.64E+00
2234	Gridded	5.18E-01	1.52E-01	69.37	16.59	3.44E+01	7.85E+00	6.34E+00	1.82E+00	6.33E+00	1.82E+00	6.33E+00	1.82E+00
2235	Gridded	4.23E-01	1.10E-01	59.46	14.63	2.97E+01	7.25E+00	5.24E+00	1.27E+00	5.23E+00	1.27E+00	5.23E+00	1.27E+00
2236	Gridded	5.35E-01	1.31E-01	69.20	15.06	3.42E+01	6.80E+00	6.35E+00	1.59E+00	6.35E+00	1.59E+00	6.35E+00	1.59E+00
2237	Gridded	4.22E-01	1.00E-01	61.23	12.20	2.96E+01	5.80E+00	5.17E+00	1.19E+00	5.17E+00	1.19E+00	5.17E+00	1.19E+00
2238	Gridded	4.99E-01	1.44E-01	57.09	13.74	2.78E+01	5.18E+00	5.77E+00	1.65E+00	5.77E+00	1.65E+00	5.77E+00	1.65E+00
2239	Gridded	4.01E-01	1.48E-01	50.04	12.62	2.39E+01	4.84E+00	4.94E+00	1.67E+00	4.94E+00	1.67E+00	4.94E+00	1.67E+00
2240	Gridded	7.91E-01	7.50E-02	51.17	9.32	2.41E+01	4.31E+00	8.01E+00	8.34E-01	8.01E+00	8.34E-01	8.01E+00	8.34E-01
2241	Gridded	9.68E-01	7.08E-02	51.24	7.11	2.47E+01	3.33E+00	9.78E+00	7.83E-01	9.78E+00	7.83E-01	9.78E+00	7.83E-01
2242	Gridded	4.75E-01	6.40E-02	79.92	10.25	3.82E+01	4.49E+00	5.74E+00	7.90E-01	5.74E+00	7.90E-01	5.74E+00	7.90E-01
2243	Gridded	4.35E-01	8.27E-02	66.53	10.55	3.23E+01	5.07E+00	5.63E+00	1.03E+00	5.63E+00	1.03E+00	5.63E+00	1.03E+00
2244	Gridded	4.53E-01	7.93E-02	51.45	10.30	2.43E+01	5.04E+00	5.45E+00	9.72E-01	5.45E+00	9.72E-01	5.45E+00	9.72E-01
2245	Gridded	3.86E-01	6.59E-02	55.52	12.21	2.70E+01	5.93E+00	4.77E+00	8.65E-01	4.77E+00	8.65E-01	4.77E+00	8.65E-01
2246	Gridded	4.07E-01	7.01E-02	64.27	14.34	3.18E+01	6.64E+00	5.01E+00	9.66E-01	5.01E+00	9.66E-01	5.01E+00	9.66E-01
2247	Gridded	4.05E-01	8.42E-02	61.30	15.66	3.01E+01	7.51E+00	4.89E+00	1.04E+00	4.89E+00	1.04E+00	4.89E+00	1.04E+00
2248	Gridded	7.10E-01	8.06E-02	65.93	12.97	3.21E+01	6.02E+00	7.16E+00	9.83E-01	7.16E+00	9.83E-01	7.16E+00	9.83E-01
2249	Gridded	4.59E-01	7.19E-02	81.81	11.02	3.97E+01	5.37E+00	4.63E+00	8.71E-01	4.63E+00	8.71E-01	4.63E+00	8.71E-01
2250	Gridded	3.22E-01	7.94E-02	45.16	8.98	2.24E+01	4.37E+00	4.01E+00	9.10E-01	4.01E+00	9.10E-01	4.01E+00	9.10E-01
2251	Gridded	3.36E-01	9.13E-02	48.00	9.00	2.35E+01	4.39E+00	4.30E+00	1.06E+00	4.29E+00	1.06E+00	4.29E+00	1.06E+00
2252	Gridded	3.36E-01	1.01E-01	53.79	9.74	2.64E+01	4.42E+00	4.41E+00	1.19E+00	4.41E+00	1.19E+00	4.41E+00	1.19E+00
2253	Gridded	4.25E-01	1.09E-01	55.84	11.73	2.76E+01	5.39E+00	4.29E+00	1.31E+00	4.29E+00	1.31E+00	4.29E+00	1.31E+00
2254	Gridded	4.53E-01	1.16E-01	53.97	14.03	2.68E+01	6.53E+00	4.57E+00	1.42E+00	4.57E+00	1.42E+00	4.57E+00	1.42E+00
2255	Gridded	4.07E-01	1.16E-01	47.79	16.11	2.37E+01	7.61E+00	4.79E+00	1.47E+00	4.79E+00	1.47E+00	4.79E+00	1.47E+00
2256	Gridded	4.12E-01	1.11E-01	51.56	17.82	2.53E+01	8.53E+00	4.98E+00	1.45E+00	4.98E+00	1.45E+00	4.98E+00	1.45E+00
2257	Gridded	4.10E-01	1.05E-01	52.74	18.33	2.62E+01	8.90E+00	4.84E+00	1.33E+00	4.84E+00	1.33E+00	4.84E+00	1.33E+00
2258	Gridded	4.23E-01	1.02E-01	51.34	17.38	2.55E+01	8.53E+00	5.14E+00	1.25E+00	5.14E+00	1.25E+00	5.14E+00	1.25E+00
2259	Gridded	4.52E-01	1.21E-01	56.08	14.48	2.78E+01	7.13E+00	5.42E+00	1.48E+00	5.41E+00	1.48E+00	5.41E+00	1.48E+00
2260	Gridded	4.52E-01	1.07E-01	56.47	14.40	2.81E+01	6.77E+00	5.13E+00	1.35E+00	5.13E+00	1.35E+00	5.13E+00	1.35E+00
2261	Gridded	4.26E-01	9.49E-02	58.01	13.32	2.85E+01	6.22E+00	5.28E+00	1.19E+00	5.28E+00	1.19E+00	5.28E+00	1.19E+00
2262	Gridded	4.56E-01	9.66E-02	59.44	12.72	2.94E+01	6.11E+00	5.37E+00	1.21E+00	5.37E+00	1.21E+00	5.37E+00	1.21E+00
2263	Gridded	4.70E-01	1.33E-01	66.76	15.61	3.30E+01	7.59E+00	5.28E+00	1.59E+00	5.28E+00	1.59E+00	5.28E+00	1.59E+00
2264	Gridded	4.97E-01	1.71E-01	70.89	18.66	3.51E+01	9.04E+00	5.99E+00	2.05E+00	5.99E+00	2.05E+00	5.99E+00	2.05E+00
2265	Gridded	4.27E-01	1.17E-01	70.40	21.65	3.49E+01	1.06E+01	5.21E+00	1.59E+00	5.21E+00	1.59E+00	5.21E+00	1.59E+00
2266	Gridded	4.86E-01	1.30E-01	57.25	14.95	2.81E+01	6.82E+00	5.63E+00	1.57E+00	5.63E+00	1.57E+00	5.63E+00	1.57E+00
2267	Gridded	4.54E-01	1.27E-01	64.60	17.21	3.17E+01	8.10E+00	5.76E+00	1.59E+00	5.76E+00	1.59E+00	5.76E+00	1.59E+00
2268	Gridded	4.08E-01	9.97E-02	61.94	11.98	3.03E+01	5.52E+00	4.98E+00	1.22E+00	4.98E+00	1.22E+00	4.98E+00	1.22E+00
2269	Gridded	5.25E-01	1.44E-01	56.24	14.63	2.72E+01	5.84E+00	6.27E+00	1.68E+00	6.27E+00	1.68E+00	6.27E+00	1.68E+00
2270	Gridded	4.37E-01	1.49E-01	55.93	14.23	2.66E+01	5.86E+00	5.43E+00	1.73E+00	5.43E+00	1.73E+00	5.43E+00	1.73E+00
2271	Gridded	8.05E-01	1.03E-01	50.73	10.35	2.40E+01	4.81E+00	8.15E+00	1.18E+00	8.15E+00	1.18E+00	8.15E+00	1.18E+00
2272	Gridded	4.87E-01	7.12E-02	50.14	8.24	2.44E+01	3.53E+00	4.92E+00	8.12E-01	4.92E+00	8.12E-01	4.92E+00	8.12E-01
2273	Gridded	1.04E+00	6.54E-02	79.67	9.19	3.89E+01	4.28E+00	1.06E+01	8.06E-01	1.05E+01	8.06E-01	1.05E+01	8.06E-01
2274	Gridded	4.48E-01	7.31E-02	81.03	12.06	3.87E+01	5.42E+00	5.48E+00	9.49E-01	5.48E+00	9.49E-01	5.48E+00	9.49E-01
2275	Gridded	4.15E-01	7.80E-02	67.23	10.57	3.28E+01	5.13E+00	5.46E+00	9.49E-01	5.46E+00	9.49E-01	5.46E+00	9.49E-01
2276	Gridded	4.09E-01	6.85E-02	70.97	9.18	3.30E+01	4.50E+00	5.41E+00	8.62E-01	5.41E+00	8.62E-01	5.41E+00	8.62E-01
2277	Gridded	4.55E-01	5.88E-02	63.30	13.36	2.89E+01	6.56E+00	5.70E+00	7.53E-01	5.70E+00	7.53E-01	5.70E+00	7.53E-01
2278	Gridded	3.84E-01	7.15E-02	52.43	16.22	2.60E+01	7.73E+00	4.58E+00	1.02E+00	4.58E+00	1.02E+00	4.58E+00	1.02E+00
2279	Gridded	4.36E-01	8.77E-02	54.88	15.98	2.71E+01	7.76E+00	4.49E+00	1.13E+00	4.49E+00	1.13E+00	4.49E+00	1.13E+00
2280	Gridded	5.59E-01	8.28E-02	50.15	15.62	2.45E+01	7.48E+00	5.65E+00	1.03E+00	5.65E+00	1.03E+00	5.65E+00	1.03E+00
2281	Gridded	3.19E-01	1.00E-01	51.43	10.72	2.54E+01	4.95E+00	4.05E+00	1.20E+00	4.05E+00	1.20E+00	4.05E+00	1.20E+00
2282	Gridded	4.35E-01	1.08E-01	50.86	12.63	2.52E+01	5.90E+00	4.39E+00	1.31E+00	4.39E+00	1.31E+00	4.39E+00	1.31E+00
2283	Gridded	4.57E-01	1.11E-01	49.31	14.44	2.43E+01	6.82E+00	4.61E+00	1.39E+00	4.61E+00	1.39E+00	4.61E+00	1.39E+00
2284	Gridded	3.91E-01	1.12E-01	46.66	16.15	2.30E+01	7.70E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00	4.69E+00	1.42E+00
2285	Gridded	3.99E-01	1.09E-01	49.95	17.63	2.45E+01	8.49E+00	4.93E+00	1.43E+00	4.93E+00	1.43E+00	4.93E+00	1.43E+00
2286	Gridded	3.88E-01	1.04E-01	52.21	18.37	2.56E+01	8.93E+00	4.77E+00	1.36E+00	4.77E+00	1.36E+00	4.77E+00	1.36E+00
2287	Gridded	4.15E-01	9.96E-02	54.02	17.68	2.67E+01	8.67E+00	5.06E+00	1.22E+00	5.06E+00	1.22E+00	5.06E+00	1.22E+00
2288	Gridded	4.30E-01	1.04E-01	55.36	15.37	2.72E+01	7.57E+00	5.14E+00	1.27E+00	5.14E+00	1.27E+00	5.14E+00	1.27E+00
2289	Gridded	4.13E-01	1.15E-01	58.28	13.15	2.88E+01	6.13E+00	5.22E+00	1.40E+00	5.22E+00	1.40E+00	5.22E+00	1.40E+00
2290	Gridded	4.62E-01	9.80E-02	60.35	12.99	2.99E+01	6.12E+00	5.49E+00	1.23E+00	5.49E+00	1.23E+00	5.49E+00	1.23E+00
2291	Gridded	3.93E-01	8.65E-02	58.40	12.43	2.88E+01	5.91E+00	5.07E+00	1.10E+00	5.07E+00	1.10E+00	5.07E+00	1.10E+00
2292	Gridded	4.57E-01	8.85E-02	55.20	11.89	2.72E+01	5.74E+00	5.33E+00	1.10E+00	5.33E+00	1.10E+00	5.33E+00	1.10E+00
2293	Gridded	4.26E-01	1.21E-01	59.70	14.39	2.95E+01	7.01E+00	4.91E+00	1.45E+00	4.91E+00	1.45E+00	4.91E+00	1.45E+00
2294	Gridded	5.75E-01	1.63E-01	62.19	17.95	3.07E+01	8.69E+00	5.80E+00	1.97E+00	5.80E+00	1.97E+00	5.80E+00	1.97E+00
2295	Gridded	5.59E-01	1.48E-01	68.83	24.69	3.40E+01	1.20E+01	5.64E+00	1.96E+00	5.64E+00	1.96E+00	5.64E+00	1.96E+00
2296	Gridded	4.20E-01	1.04E-01	60.95	16.59	3.02E+01	8.24E+00	4.52E+00	1.29E+00	4.52E+00	1.29E+00	4.52E+00	1.29E+00
2297	Gridded	5.07E-01	1.38E-01	65.54	18.17	3.22E+01	8.52E+00	6.23E+00	1.73E+00	6.23E+00	1.73E+00	6.23E+00	1.73E+00
2298	Gridded	3.99E-01	1.15E-01	64.11	16.52	3.14E+01	7.93E+00	4.99E+00	1.40E+00	4.99E+00	1.40E+00	4.99E+00	1.40E+00
2299	Gridded	4.15E-01	1.07E-01	58.63	13.03	2.88E+01	6.16E+00	4.81E+00	1.24E+00	4.81E+00	1.24E+00	4.81E+00	1.24E+00
2300	Gridded	5.17E-01	1.45E-01	62.11	16.82	2.96E+01	7.12E+00	6.35E+00	1.74E+00	6.35E+00	1.73E+00	6.35E+00	1.73E+00
2301	Gridded	4.35E-01	1.43E-01	61.34	15.55	2.96E+01	6.76E+00	5.52E+00	1.70E+00	5.52E+00	1.70E+00	5.52E+00	1.70E+00
2302	Gridded	7.36E-01	1.26E-01	57.12	12.81	2.74E+01	5.67E+00	7.50E+00	1.49E+00	7.50E+00	1.49E+00	7.50E+00	1.49E+00
2303	Gridded	7.22E-01	6.97E-02	51.98	10.26	2.50E+01	4.57E+00	7.31E+00	8.76E-01	7.31E+00	8.76E-01	7.31E+00	8.76E-01
2304	Gridded	1.39E+00	7.32E-02	59.31	8.25	2.93E+01	3.99E+00	1.41E+01	7.62E-01	1.41E+01	7.62E-01	1.41E+01	7.62E-01
2305	Gridded	4.14E-01	5.79E-02	94.54	11.49	4.60E+01	5.37E+00	5.70E+00	7.62E-01	5.70E+00	7.62E-01	5.70E+00	7.62E-01
2306	Gridded	3.72E-01	7.32E-02	69.81	11.97	3.31E+01	5.43E+00	4.58E+00	9.50E-01	4.58E+00	9.50E-01	4.58E+00	9.50E-01
2307	Gridded	3.74E-01	7.48E-02	69.81	9.60	3.33E+01	4.67E+00	4.91E+00	9.16E-01	4.91E+00	9.16E-01	4.91E+00	9.16E-01
2308	Gridded	4.65E-01	6.88E-02	85.82	8.61	4.06E+01	4.19E+00	6.28E+00	8.35E-01	6.28E+00	8.35E-01	6.28E+00	8.35E-01
2309	Gridded	5.07E-01	6.07E-02	75.67	13.74	3.54E+01	6.77E+00	6.49E+00	7.73E-01	6.49E+00	7.73E-01	6.49E+00	7.73E-01
2310	Gridded	4.33E-01	7.39E-02	52.82	18.19	2.43E+01	8.82E+00	5.30E+00	1.09E+00	5.30E+00	1.09E+00	5.30E+00	1.09E+00
2311	Gridded	4.25E-01	8.98E-02	50.90	16.15	2.48E+01	7.64E+00	4.33E+00	1.20E+00	4.33E+00	1.20E+00	4.33E+00	1.20E+00
2312	Gridded	4.78E-01	1.05E-01	46.58	14.41	2.30E+01	6.86E+00	4.83E+00	1.32E+00	4.83E+00	1.32E+00	4.83E+00	1.32E+00
2313	Gridded	3.73E-01	1.07E-01	45.92	16.12	2.26E+01	7.74E+00	4.55E+00	1.38E+00	4.55E+00	1.38E+00	4.55E+00	1.38E+00
2314	Gridded	3.81E-01	1.05E-01	49.51	17.23	2.37E+01	8.33E+00	4.76E+00	1.38E+00	4.76E+00	1.38E+00	4.76E+00	1.38E+00
2315	Gridded	3.61E-01	9.59E-02	51.11	17.47	2.47E+01	8.51E+00	4.50E+00	1.30E+00	4.50E+00	1.30E+00	4.50E+00	1.30E+00
2316	Gridded	3.78E-01	9.48E-02	51.69	17.04	2.55E+01	8.35E+00	4.62E+00	1.17E+00	4.62E+00	1.17E+00	4.62E+00	1.17E+00
2317	Gridded	3.84E-01	8.47E-02	53.15	15.68	2.60E+01	7.73E+00	4.73E+00	1.05E+00	4.73E+00	1.05E+00	4.73E+00	1.05E+00
2318	Gridded	4.17E-01	1.07E-01	55.85	13.13	2.77E+01	6.47E+00	5.19E+00	1.30E+00	5.19E+00	1.30E+00	5.19E+00	1.30E+00
2319	Gridded	4.02E-01	1.13E-01	58.05	12.85	2.86E+01	5.98E+00	4.84E+00	1.37E+00	4.84E+00	1.37E+00	4.84E+00	1.37E+00
2320	Gridded	4.39E-01	8.89E-02	58.42	11.86	2.90E+01	5.59E+00	5.43E+00	1.11E+00	5.42E+00	1.11E+00	5.42E+00	1.11E+00
2321	Gridded	3.82E-01	7.96E-02	59.53	11.55	2.94E+01	5.45E+00	4.65E+00	1.01E+00	4.65E+00	1.01E+00	4.65E+00	1.01E+00
2322	Gridded	4.81E-01	8.44E-02	51.73	11.11	2.52E+01	5.24E+00	5.26E+00	1.05E+00	5.26E+00	1.05E+00	5.26E+00	1.05E+00
2323	Gridded	4.28E-01	1.17E-01	57.04	13.13	2.83E+01	6.41E+00	5.03E+00	1.34E+00	5.03E+00	1.34E+00	5.03E+00	1.34E+00

2324	Gridded	6.30E-01	1.50E-01	58.14	17.63	2.85E+01	8.21E+00	6.36E+00	1.81E+00	6.36E+00	1.81E+00	6.36E+00	1.81E+00
2325	Gridded	6.30E-01	1.53E-01	66.94	23.83	3.30E+01	1.15E+01	6.36E+00	1.99E+00	6.36E+00	1.99E+00	6.36E+00	1.99E+00
2326	Gridded	3.75E-01	9.41E-02	64.36	20.85	3.19E+01	1.03E+01	4.76E+00	1.35E+00	4.76E+00	1.35E+00	4.76E+00	1.35E+00
2327	Gridded	4.10E-01	1.11E-01	54.72	14.94	2.69E+01	7.05E+00	4.68E+00	1.39E+00	4.68E+00	1.39E+00	4.68E+00	1.39E+00
2328	Gridded	4.36E-01	1.35E-01	65.51	19.04	3.21E+01	9.05E+00	5.64E+00	1.71E+00	5.64E+00	1.71E+00	5.64E+00	1.71E+00
2329	Gridded	3.67E-01	1.13E-01	58.65	13.79	2.88E+01	6.73E+00	4.62E+00	1.39E+00	4.62E+00	1.39E+00	4.62E+00	1.39E+00
2330	Gridded	4.18E-01	1.10E-01	54.38	13.03	2.64E+01	6.17E+00	4.44E+00	1.32E+00	4.44E+00	1.32E+00	4.44E+00	1.32E+00
2331	Gridded	4.86E-01	1.39E-01	64.44	18.14	3.10E+01	7.97E+00	6.10E+00	1.71E+00	6.10E+00	1.71E+00	6.10E+00	1.71E+00
2332	Gridded	4.15E-01	1.29E-01	61.38	15.58	2.97E+01	6.97E+00	5.24E+00	1.57E+00	5.24E+00	1.57E+00	5.24E+00	1.57E+00
2333	Gridded	8.47E-01	1.39E-01	55.99	16.35	2.71E+01	7.42E+00	8.58E+00	1.68E+00	8.58E+00	1.68E+00	8.58E+00	1.68E+00
2334	Gridded	9.74E-01	6.70E-02	54.60	10.88	2.64E+01	4.95E+00	9.85E+00	8.41E-01	9.85E+00	8.41E-01	9.85E+00	8.41E-01
2335	Gridded	1.47E+00	8.18E-02	48.67	8.83	2.37E+01	4.01E+00	1.48E+01	8.37E-01	1.48E+01	8.37E-01	1.48E+01	8.37E-01
2336	Gridded	3.38E-01	5.36E-02	81.42	8.71	4.00E+01	4.16E+00	4.98E+00	6.88E-01	4.98E+00	6.88E-01	4.98E+00	6.88E-01
2337	Gridded	3.88E-01	6.40E-02	90.41	12.30	4.38E+01	5.76E+00	5.54E+00	8.71E-01	5.54E+00	8.71E-01	5.54E+00	8.71E-01
2338	Gridded	3.07E-01	7.64E-02	58.83	12.44	2.77E+01	5.71E+00	3.98E+00	9.94E-01	3.98E+00	9.94E-01	3.98E+00	9.94E-01
2339	Gridded	3.69E-01	7.72E-02	80.92	10.79	3.89E+01	4.83E+00	5.25E+00	9.67E-01	5.25E+00	9.67E-01	5.25E+00	9.67E-01
2340	Gridded	5.11E-01	6.94E-02	95.44	9.53	4.56E+01	4.38E+00	6.93E+00	8.67E-01	6.93E+00	8.67E-01	6.93E+00	8.67E-01
2341	Gridded	5.40E-01	6.02E-02	85.50	13.56	4.05E+01	6.71E+00	7.02E+00	8.10E-01	7.02E+00	8.10E-01	7.02E+00	8.10E-01
2342	Gridded	4.66E-01	6.97E-02	61.92	18.11	2.91E+01	8.86E+00	5.82E+00	1.05E+00	5.82E+00	1.05E+00	5.82E+00	1.05E+00
2343	Gridded	3.58E-01	9.70E-02	47.59	16.14	2.29E+01	7.83E+00	4.50E+00	1.28E+00	4.50E+00	1.28E+00	4.50E+00	1.28E+00
2344	Gridded	3.44E-01	9.25E-02	49.97	16.76	2.42E+01	8.17E+00	4.40E+00	1.25E+00	4.40E+00	1.25E+00	4.40E+00	1.25E+00
2345	Gridded	3.45E-01	9.36E-02	50.14	16.66	2.47E+01	8.17E+00	4.31E+00	1.17E+00	4.31E+00	1.17E+00	4.31E+00	1.17E+00
2346	Gridded	3.55E-01	8.86E-02	50.77	15.46	2.50E+01	7.61E+00	4.53E+00	1.07E+00	4.53E+00	1.07E+00	4.53E+00	1.07E+00
2347	Gridded	3.82E-01	8.69E-02	54.56	13.59	2.69E+01	6.71E+00	4.73E+00	1.06E+00	4.72E+00	1.06E+00	4.72E+00	1.06E+00
2348	Gridded	3.72E-01	1.06E-01	55.19	11.53	2.71E+01	5.43E+00	4.80E+00	1.28E+00	4.80E+00	1.28E+00	4.80E+00	1.28E+00
2349	Gridded	3.97E-01	1.07E-01	56.25	11.95	2.78E+01	5.56E+00	4.77E+00	1.29E+00	4.77E+00	1.29E+00	4.77E+00	1.29E+00
2350	Gridded	4.11E-01	8.31E-02	57.81	11.16	2.83E+01	5.28E+00	5.24E+00	1.04E+00	5.24E+00	1.04E+00	5.24E+00	1.04E+00
2351	Gridded	3.97E-01	7.82E-02	58.35	11.35	2.89E+01	5.32E+00	4.60E+00	9.95E-01	4.60E+00	9.95E-01	4.60E+00	9.95E-01
2352	Gridded	5.16E-01	8.34E-02	55.04	10.74	2.70E+01	5.12E+00	5.21E+00	1.03E+00	5.21E+00	1.03E+00	5.21E+00	1.03E+00
2353	Gridded	4.16E-01	1.10E-01	58.18	12.23	2.89E+01	5.96E+00	5.04E+00	1.27E+00	5.04E+00	1.27E+00	5.04E+00	1.27E+00
2354	Gridded	5.11E-01	1.41E-01	58.01	17.40	2.87E+01	8.07E+00	5.33E+00	1.73E+00	5.33E+00	1.73E+00	5.33E+00	1.73E+00
2355	Gridded	6.08E-01	1.51E-01	58.98	22.31	2.88E+01	1.07E+01	6.14E+00	1.94E+00	6.14E+00	1.94E+00	6.14E+00	1.94E+00
2356	Gridded	5.46E-01	1.13E-01	61.79	22.19	3.03E+01	1.09E+01	5.51E+00	1.57E+00	5.51E+00	1.57E+00	5.51E+00	1.57E+00
2357	Gridded	3.86E-01	8.69E-02	59.59	13.76	2.96E+01	6.60E+00	3.97E+00	1.09E+00	3.97E+00	1.09E+00	3.97E+00	1.09E+00
2358	Gridded	3.94E-01	1.14E-01	55.46	15.96	2.72E+01	7.59E+00	4.92E+00	1.44E+00	4.92E+00	1.44E+00	4.92E+00	1.44E+00
2359	Gridded	4.13E-01	1.21E-01	59.45	17.74	2.93E+01	8.50E+00	4.71E+00	1.55E+00	4.71E+00	1.55E+00	4.71E+00	1.55E+00
2360	Gridded	3.57E-01	1.07E-01	54.20	13.79	2.65E+01	6.55E+00	4.30E+00	1.33E+00	4.30E+00	1.33E+00	4.30E+00	1.33E+00
2361	Gridded	3.86E-01	1.11E-01	52.82	13.78	2.56E+01	6.26E+00	4.07E+00	1.36E+00	4.07E+00	1.36E+00	4.07E+00	1.36E+00
2362	Gridded	4.40E-01	1.34E-01	61.80	18.01	2.99E+01	8.06E+00	5.59E+00	1.66E+00	5.59E+00	1.66E+00	5.59E+00	1.66E+00
2363	Gridded	3.90E-01	1.17E-01	56.95	15.67	2.77E+01	6.97E+00	4.72E+00	1.45E+00	4.72E+00	1.45E+00	4.72E+00	1.45E+00
2364	Gridded	6.17E-01	1.41E-01	49.50	18.01	2.40E+01	8.29E+00	6.25E+00	1.74E+00	6.25E+00	1.74E+00	6.25E+00	1.74E+00
2365	Gridded	5.18E-01	6.90E-02	48.30	10.09	2.35E+01	4.66E+00	5.25E+00	8.36E-01	5.25E+00	8.36E-01	5.25E+00	8.36E-01
2366	Gridded	1.26E+00	9.08E-02	44.01	9.94	2.14E+01	4.57E+00	1.28E+01	9.27E-01	1.27E+01	9.27E-01	1.27E+01	9.27E-01
2367	Gridded	5.49E-01	6.24E-02	57.66	7.40	2.85E+01	3.61E+00	5.54E+00	7.25E-01	5.54E+00	7.25E-01	5.54E+00	7.25E-01
2368	Gridded	3.69E-01	5.24E-02	88.89	10.99	4.35E+01	5.24E+00	5.42E+00	7.17E-01	5.42E+00	7.17E-01	5.42E+00	7.17E-01
2369	Gridded	3.63E-01	7.08E-02	82.25	13.40	3.97E+01	6.32E+00	5.21E+00	9.61E-01	5.21E+00	9.61E-01	5.21E+00	9.61E-01
2370	Gridded	3.27E-01	7.93E-02	58.36	13.34	2.82E+01	6.21E+00	4.15E+00	1.04E+00	4.15E+00	1.04E+00	4.15E+00	1.04E+00
2371	Gridded	4.12E-01	7.59E-02	88.33	11.26	4.26E+01	5.14E+00	5.83E+00	9.65E-01	5.83E+00	9.65E-01	5.83E+00	9.65E-01
2372	Gridded	5.31E-01	6.44E-02	98.76	9.50	4.75E+01	4.49E+00	7.21E+00	8.19E-01	7.21E+00	8.19E-01	7.21E+00	8.19E-01
2373	Gridded	5.46E-01	5.50E-02	87.54	11.94	4.19E+01	5.92E+00	7.14E+00	7.60E-01	7.14E+00	7.60E-01	7.14E+00	7.60E-01
2374	Gridded	3.16E-01	8.72E-02	47.31	15.50	2.33E+01	7.60E+00	4.06E+00	1.11E+00	4.06E+00	1.11E+00	4.06E+00	1.11E+00
2375	Gridded	3.35E-01	8.95E-02	48.90	14.98	2.40E+01	7.38E+00	4.25E+00	1.07E+00	4.25E+00	1.07E+00	4.25E+00	1.07E+00
2376	Gridded	3.41E-01	7.89E-02	51.83	13.60	2.55E+01	6.72E+00	4.19E+00	9.62E-01	4.19E+00	9.62E-01	4.19E+00	9.62E-01
2377	Gridded	3.57E-01	9.29E-02	51.07	11.70	2.53E+01	5.78E+00	4.56E+00	1.13E+00	4.56E+00	1.13E+00	4.56E+00	1.13E+00
2378	Gridded	3.51E-01	1.08E-01	55.34	11.43	2.73E+01	5.27E+00	4.37E+00	1.30E+00	4.37E+00	1.30E+00	4.37E+00	1.30E+00
2379	Gridded	4.04E-01	1.04E-01	54.53	11.41	2.70E+01	5.30E+00	4.86E+00	1.25E+00	4.86E+00	1.25E+00	4.86E+00	1.25E+00
2380	Gridded	3.78E-01	7.92E-02	58.80	10.74	2.89E+01	5.09E+00	4.91E+00	9.86E-01	4.91E+00	9.86E-01	4.91E+00	9.86E-01
2381	Gridded	4.16E-01	7.88E-02	55.42	11.06	2.75E+01	5.18E+00	4.92E+00	9.78E-01	4.92E+00	9.78E-01	4.92E+00	9.78E-01
2382	Gridded	5.55E-01	8.53E-02	56.11	10.67	2.77E+01	5.11E+00	5.60E+00	1.05E+00	5.60E+00	1.05E+00	5.60E+00	1.05E+00
2383	Gridded	4.22E-01	1.03E-01	59.57	11.95	2.95E+01	5.79E+00	4.99E+00	1.20E+00	4.99E+00	1.20E+00	4.99E+00	1.20E+00
2384	Gridded	4.38E-01	1.37E-01	60.15	16.91	2.97E+01	7.89E+00	5.20E+00	1.69E+00	5.20E+00	1.69E+00	5.20E+00	1.69E+00
2385	Gridded	8.13E-01	1.47E-01	59.94	22.63	2.98E+01	1.08E+01	8.21E+00	1.88E+00	8.21E+00	1.88E+00	8.21E+00	1.88E+00
2386	Gridded	6.34E-01	1.27E-01	60.77	22.84	3.01E+01	1.12E+01	6.40E+00	1.70E+00	6.40E+00	1.70E+00	6.40E+00	1.70E+00
2387	Gridded	3.29E-01	7.68E-02	59.92	16.60	2.95E+01	8.21E+00	4.39E+00	1.05E+00	4.39E+00	1.05E+00	4.39E+00	1.05E+00
2388	Gridded	3.97E-01	9.12E-02	46.25	12.96	2.26E+01	6.19E+00	4.04E+00	1.16E+00	4.04E+00	1.16E+00	4.04E+00	1.16E+00
2389	Gridded	4.01E-01	1.13E-01	53.51	16.40	2.62E+01	7.84E+00	4.62E+00	1.45E+00	4.62E+00	1.45E+00	4.62E+00	1.45E+00
2390	Gridded	3.53E-01	1.07E-01	50.63	15.39	2.48E+01	7.41E+00	3.84E+00	1.36E+00	3.84E+00	1.36E+00	3.84E+00	1.36E+00
2391	Gridded	3.62E-01	9.67E-02	50.56	13.39	2.48E+01	6.42E+00	4.50E+00	1.22E+00	4.49E+00	1.22E+00	4.49E+00	1.22E+00
2392	Gridded	3.32E-01	1.13E-01	49.19	14.85	2.39E+01	6.71E+00	3.84E+00	1.40E+00	3.84E+00	1.40E+00	3.84E+00	1.40E+00
2393	Gridded	4.04E-01	1.32E-01	58.70	18.21	2.85E+01	8.27E+00	5.16E+00	1.65E+00	5.16E+00	1.65E+00	5.16E+00	1.65E+00
2394	Gridded	3.56E-01	1.20E-01	52.46	16.72	2.55E+01	7.56E+00	4.37E+00	1.51E+00	4.37E+00	1.51E+00	4.37E+00	1.51E+00
2395	Gridded	3.73E-01	1.40E-01	50.45	18.89	2.37E+01	8.78E+00	4.67E+00	1.75E+00	4.67E+00	1.75E+00	4.67E+00	1.75E+00
2396	Gridded	5.66E-01	8.29E-02	47.09	10.14	2.29E+01	4.71E+00	5.77E+00	1.02E+00	5.76E+00	1.02E+00	5.76E+00	1.02E+00
2397	Gridded	8.89E-01	8.63E-02	45.46	10.68	2.21E+01	4.97E+00	9.00E+00	8.81E-01	9.00E+00	8.80E-01	9.00E+00	8.80E-01
2398	Gridded	9.29E-01	6.82E-02	43.82	8.36	2.18E+01	3.87E+00	9.38E+00	8.10E-01	9.38E+00	8.10E-01	9.38E+00	8.10E-01
2399	Gridded	3.43E-01	5.03E-02	72.42	8.49	3.56E+01	4.10E+00	4.51E+00	6.13E-01	4.51E+00	6.13E-01	4.51E+00	6.13E-01
2400	Gridded	3.80E-01	5.98E-02	89.61	12.46	4.37E+01	5.96E+00	5.54E+00	8.36E-01	5.54E+00	8.36E-01	5.54E+00	8.36E-01
2401	Gridded	3.44E-01	7.35E-02	76.03	13.92	3.66E+01	6.60E+00	4.90E+00	9.99E-01	4.90E+00	9.99E-01	4.90E+00	9.99E-01
2402	Gridded	3.30E-01	7.57E-02	65.11	12.81	3.16E+01	5.98E+00	4.28E+00	9.97E-01	4.28E+00	9.97E-01	4.28E+00	9.97E-01
2403	Gridded	4.27E-01	6.87E-02	89.10	10.37	4.32E+01	4.76E+00	5.99E+00	8.78E-01	5.99E+00	8.78E-01	5.99E+00	8.78E-01
2404	Gridded	5.20E-01	5.89E-02	95.39	8.79	4.60E+01	4.19E+00	7.04E+00	7.52E-01	7.04E+00	7.52E-01	7.04E+00	7.52E-01
2405	Gridded	2.99E-01	7.89E-02	47.42	12.95	2.33E+01	6.39E+00	3.91E+00	9.47E-01	3.91E+00	9.47E-01	3.91E+00	9.47E-01
2406	Gridded	3.28E-01	7.62E-02	49.06	11.60	2.43E+01	5.73E+00	4.15E+00	9.38E-01	4.15E+00	9.38E-01	4.15E+00	9.38E-01
2407	Gridded	3.26E-01	9.46E-02	51.37	10.61	2.52E+01	4.89E+00	4.26E+00	1.14E+00	4.26E+00	1.14E+00	4.26E+00	1.14E+00
2408	Gridded	3.76E-01	1.07E-01	52.16	11.42	2.58E+01	5.26E+00	4.04E+00	1.29E+00	4.04E+00	1.29E+00	4.04E+00	1.29E+00
2409	Gridded	4.15E-01	1.01E-01	51.92	11.19	2.54E+01	5.19E+00	4.71E+00	1.22E+00	4.71E+00	1.22E+00	4.71E+00	1.22E+00
2410	Gridded	3.90E-01	7.59E-02	59.14	10.62	2.92E+01	5.04E+00	4.60E+00	9.35E-01	4.60E+00	9.35E-01	4.60E+00	9.35E-01
2411	Gridded	4.17E-01	8.16E-02	55.87	10.97	2.76E+01	5.13E+00	5.05E+00	9.94E-01	5.05E+00	9.94E-01	5.05E+00	9.94E-01
2412	Gridded	5.63E-01	8.66E-02	55.16	10.33	2.72E+01	4.97E+00	5.68E+00	1.06E+00	5.68E+00	1.06E+00	5.68E+00	1.06E+00
2413	Gridded	3.90E-01	9.60E-02	58.34	11.13	2.89E+01	5.41E+00	4.77E+00	1.12E+00	4.77E+00	1.12E+00	4.77E+00	1.12E+00
2414	Gridded	4.63E-01	1.34E-01	60.62	16.51	3.00E+01	7.76E+00	5.04E+00	1.65E+00	5.04E+00	1.65E+00	5.04E+00	1.65E+00
2415	Gridded	8.58E-01	1.45E-01	61.11	22.96	3.03E+01	1.10E+01	8.66E+00	1.89E+00	8.66E+00	1.89E+00	8.66E+00	1.89E+00
2416	Gridded	5.74E-01	1.35E-01	63.51	23.27	3.14E+01	1.14E+01	5.79E+00	1.78E+00	5.79E+00	1.78E+00	5.79E+00	1.78E+00
2417	Gridded	5.09E-01	9.96E-02	60.37	19.33	2.98E+01	9.54E+00	5.13E+00	1.29E+00	5.13E+00	1.29E+00	5.13E+00	1.29E+00
2418	Gridded	3.68E-01	7.53E-02	48.99	12.04	2.43E+01	5.78E+00	3.77E+00	9.39E-01	3.77E+00	9.39E-01	3.77E+00	9.39E-01
2419	Gridded	3.07E-01	9.39E-02	46.51	13.75	2.26E+01	6.60E+00	3.97E+00	1.20E+00	3.97E+00	1.20E+00	3.97E+00	1.20E+00
2420	Gridded	3.62E-01	1.09E-01	51.35	16.19	2.52E+01	7.78E+00	4.16E+00	1.40E+00	4.16E+00	1.40E+00	4.16E+00	1.40E+00
2421	Gridded	3.63E-01	9.81E-02	45.84	13.07	2.24E+01	6.33E+00	3.76E+00	1.21E+00	3.76E+00	1.21E+00	3.76E+00	1.21E+00
2422	Gridded	3.68E-01	8.64E-02	51.68	12.56	2.47E+01	6.06E+00	4.58E+00	1.11E+00	4.58E+00	1.11E+00	4.58E+00	1.11E+00
2423	Gridded	2.93E-01	1.14E-01	46.09	15.89	2.25E+01	7.30E+00	3.66E+00	1.43E+00	3.66E+00	1.43E+00	3.66E+00	1.43E+00
2424	Gridded	3.86E-01	1.29E-01	54.70	18.69	2.66E+01	8.60E+00	4.67E+00	1.64E+00	4.67E+00	1.64E+00	4.67E+00	1.64E+00
2425	Gridded	3.32E-01	1.22E-01	48.18	17.94	2.35E+01	8.24E+00	4.07E+00	1.55E+00	4.07E+00	1.55E+00	4.07E+00	1.55E+00

2426	Gridded	3.55E-01	1.35E-01	49.03	19.05	2.31E+01	8.94E+00	4.48E+00	1.70E+00	4.48E+00	1.70E+00	4.48E+00	1.70E+00
2427	Gridded	7.00E-01	9.49E-02	46.97	12.53	2.27E+01	5.88E+00	7.10E+00	1.18E+00	7.10E+00	1.18E+00	7.10E+00	1.18E+00
2428	Gridded	6.33E-01	6.71E-02	42.64	11.03	2.08E+01	5.12E+00	6.42E+00	8.76E-01	6.42E+00	8.76E-01	6.42E+00	8.76E-01
2429	Gridded	1.10E+00	7.55E-02	40.13	9.43	1.94E+01	4.42E+00	1.12E+01	8.17E-01	1.12E+01	8.17E-01	1.12E+01	8.17E-01
2430	Gridded	2.48E-01	5.78E-02	52.06	6.77	2.57E+01	3.11E+00	3.41E+00	6.88E-01	3.41E+00	6.88E-01	3.41E+00	6.88E-01
2431	Gridded	3.69E-01	5.16E-02	80.18	10.11	3.93E+01	4.88E+00	4.96E+00	6.44E-01	4.96E+00	6.44E-01	4.96E+00	6.44E-01
2432	Gridded	3.73E-01	6.24E-02	85.57	12.61	4.16E+01	6.04E+00	5.40E+00	8.65E-01	5.40E+00	8.65E-01	5.40E+00	8.65E-01
2433	Gridded	3.22E-01	7.14E-02	69.39	13.29	3.34E+01	6.31E+00	4.56E+00	9.66E-01	4.56E+00	9.66E-01	4.56E+00	9.66E-01
2434	Gridded	3.22E-01	7.11E-02	64.01	11.86	3.10E+01	5.55E+00	4.20E+00	9.34E-01	4.20E+00	9.34E-01	4.20E+00	9.34E-01
2435	Gridded	4.22E-01	6.47E-02	83.48	9.90	4.04E+01	4.58E+00	5.84E+00	8.31E-01	5.84E+00	8.31E-01	5.84E+00	8.31E-01
2436	Gridded	3.02E-01	7.83E-02	45.32	9.83	2.22E+01	4.85E+00	3.91E+00	9.58E-01	3.91E+00	9.58E-01	3.91E+00	9.58E-01
2437	Gridded	2.82E-01	9.34E-02	47.98	10.25	2.36E+01	4.71E+00	3.76E+00	1.13E+00	3.76E+00	1.13E+00	3.76E+00	1.13E+00
2438	Gridded	3.80E-01	9.97E-02	47.54	10.60	2.36E+01	4.89E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00
2439	Gridded	3.82E-01	9.06E-02	51.47	10.29	2.52E+01	4.78E+00	4.42E+00	1.10E+00	4.42E+00	1.10E+00	4.42E+00	1.10E+00
2440	Gridded	3.84E-01	7.35E-02	55.07	10.59	2.72E+01	5.03E+00	4.57E+00	9.09E-01	4.57E+00	9.09E-01	4.57E+00	9.09E-01
2441	Gridded	4.15E-01	8.30E-02	53.89	11.04	2.66E+01	5.14E+00	5.09E+00	1.01E+00	5.09E+00	1.01E+00	5.09E+00	1.01E+00
2442	Gridded	5.12E-01	8.74E-02	54.88	10.24	2.71E+01	4.82E+00	5.17E+00	1.06E+00	5.17E+00	1.06E+00	5.17E+00	1.06E+00
2443	Gridded	4.10E-01	8.87E-02	56.87	10.39	2.81E+01	5.06E+00	4.58E+00	1.05E+00	4.58E+00	1.05E+00	4.58E+00	1.05E+00
2444	Gridded	4.68E-01	1.25E-01	57.35	15.53	2.83E+01	7.34E+00	4.79E+00	1.55E+00	4.79E+00	1.55E+00	4.79E+00	1.55E+00
2445	Gridded	4.26E-01	1.42E-01	59.10	22.14	2.93E+01	1.06E+01	5.30E+00	1.85E+00	5.30E+00	1.85E+00	5.30E+00	1.85E+00
2446	Gridded	7.84E-01	1.37E-01	61.24	23.54	3.02E+01	1.13E+01	7.91E+00	1.83E+00	7.91E+00	1.83E+00	7.91E+00	1.83E+00
2447	Gridded	7.94E-01	1.20E-01	60.67	20.60	2.98E+01	1.01E+01	8.01E+00	1.53E+00	8.01E+00	1.53E+00	8.01E+00	1.53E+00
2448	Gridded	3.02E-01	7.00E-02	56.14	13.80	2.76E+01	6.84E+00	4.00E+00	9.08E-01	4.00E+00	9.08E-01	4.00E+00	9.08E-01
2449	Gridded	3.50E-01	7.58E-02	44.34	11.32	2.12E+01	5.45E+00	3.66E+00	9.76E-01	3.66E+00	9.75E-01	3.66E+00	9.75E-01
2450	Gridded	3.23E-01	9.45E-02	49.04	14.19	2.40E+01	6.83E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00	3.96E+00	1.22E+00
2451	Gridded	3.23E-01	1.02E-01	48.17	15.02	2.34E+01	7.23E+00	3.64E+00	1.31E+00	3.64E+00	1.31E+00	3.64E+00	1.31E+00
2452	Gridded	3.65E-01	9.34E-02	43.58	12.14	2.11E+01	5.78E+00	3.78E+00	1.17E+00	3.78E+00	1.17E+00	3.78E+00	1.17E+00
2453	Gridded	3.69E-01	7.62E-02	53.75	11.50	2.60E+01	5.57E+00	4.44E+00	9.85E-01	4.44E+00	9.85E-01	4.44E+00	9.85E-01
2454	Gridded	3.02E-01	1.14E-01	47.05	16.80	2.33E+01	7.81E+00	3.69E+00	1.45E+00	3.69E+00	1.45E+00	3.69E+00	1.45E+00
2455	Gridded	3.80E-01	1.26E-01	52.02	19.01	2.54E+01	8.84E+00	4.34E+00	1.61E+00	4.34E+00	1.61E+00	4.34E+00	1.61E+00
2456	Gridded	3.16E-01	1.22E-01	45.16	18.96	2.20E+01	8.82E+00	3.91E+00	1.58E+00	3.91E+00	1.58E+00	3.91E+00	1.58E+00
2457	Gridded	3.48E-01	1.30E-01	48.26	19.10	2.29E+01	9.03E+00	4.38E+00	1.66E+00	4.38E+00	1.66E+00	4.38E+00	1.66E+00
2458	Gridded	6.08E-01	1.03E-01	44.84	14.53	2.17E+01	6.87E+00	6.16E+00	1.31E+00	6.16E+00	1.31E+00	6.16E+00	1.31E+00
2459	Gridded	4.37E-01	6.11E-02	41.84	10.79	1.98E+01	5.08E+00	4.44E+00	8.14E-01	4.44E+00	8.14E-01	4.44E+00	8.14E-01
2460	Gridded	1.17E+00	8.22E-02	40.12	9.92	1.90E+01	4.68E+00	1.18E+01	8.37E-01	1.18E+01	8.37E-01	1.18E+01	8.37E-01
2461	Gridded	3.48E-01	6.12E-02	45.88	7.69	2.30E+01	3.59E+00	3.51E+00	7.43E-01	3.51E+00	7.43E-01	3.51E+00	7.43E-01
2462	Gridded	3.08E-01	4.61E-02	63.10	7.39	3.10E+01	3.59E+00	3.95E+00	5.90E-01	3.95E+00	5.90E-01	3.95E+00	5.90E-01
2463	Gridded	3.59E-01	5.17E-02	83.68	10.85	4.09E+01	5.24E+00	5.22E+00	7.17E-01	5.22E+00	7.17E-01	5.22E+00	7.17E-01
2464	Gridded	3.60E-01	6.36E-02	82.61	12.51	4.01E+01	5.99E+00	5.21E+00	8.75E-01	5.21E+00	8.75E-01	5.21E+00	8.75E-01
2465	Gridded	3.03E-01	6.95E-02	63.44	12.69	3.05E+01	6.03E+00	4.18E+00	9.37E-01	4.18E+00	9.37E-01	4.18E+00	9.37E-01
2466	Gridded	3.10E-01	6.80E-02	60.94	11.41	2.95E+01	5.37E+00	4.25E+00	8.96E-01	4.25E+00	8.96E-01	4.25E+00	8.96E-01
2467	Gridded	2.63E-01	9.11E-02	44.12	9.92	2.18E+01	4.56E+00	3.39E+00	1.10E+00	3.39E+00	1.10E+00	3.39E+00	1.10E+00
2468	Gridded	3.67E-01	9.18E-02	44.13	9.82	2.17E+01	4.53E+00	3.79E+00	1.10E+00	3.79E+00	1.10E+00	3.79E+00	1.10E+00
2469	Gridded	3.28E-01	7.92E-02	48.37	9.06	2.38E+01	4.28E+00	3.97E+00	9.64E-01	3.97E+00	9.63E-01	3.97E+00	9.63E-01
2470	Gridded	3.61E-01	6.64E-02	49.73	9.91	2.46E+01	4.71E+00	4.35E+00	8.26E-01	4.35E+00	8.26E-01	4.35E+00	8.26E-01
2471	Gridded	3.86E-01	7.77E-02	50.74	10.59	2.50E+01	4.93E+00	4.79E+00	9.50E-01	4.79E+00	9.49E-01	4.79E+00	9.49E-01
2472	Gridded	4.50E-01	8.62E-02	51.79	10.21	2.56E+01	4.66E+00	4.54E+00	1.05E+00	4.54E+00	1.05E+00	4.54E+00	1.05E+00
2473	Gridded	4.38E-01	8.72E-02	54.99	9.85	2.72E+01	4.80E+00	4.44E+00	1.03E+00	4.44E+00	1.03E+00	4.44E+00	1.03E+00
2474	Gridded	4.44E-01	1.16E-01	55.43	14.51	2.73E+01	6.89E+00	4.64E+00	1.44E+00	4.64E+00	1.44E+00	4.64E+00	1.44E+00
2475	Gridded	4.08E-01	1.35E-01	55.26	20.71	2.73E+01	9.98E+00	5.06E+00	1.75E+00	5.06E+00	1.75E+00	5.06E+00	1.75E+00
2476	Gridded	5.01E-01	1.31E-01	56.48	23.16	2.78E+01	1.12E+01	5.05E+00	1.76E+00	5.05E+00	1.76E+00	5.05E+00	1.76E+00
2477	Gridded	6.80E-01	1.26E-01	56.65	20.53	2.79E+01	1.01E+01	6.86E+00	1.62E+00	6.86E+00	1.62E+00	6.86E+00	1.62E+00
2478	Gridded	5.30E-01	9.40E-02	56.36	15.96	2.76E+01	7.89E+00	5.35E+00	1.17E+00	5.35E+00	1.17E+00	5.35E+00	1.17E+00
2479	Gridded	3.92E-01	7.35E-02	46.33	11.06	2.24E+01	5.33E+00	3.99E+00	9.01E-01	3.99E+00	9.01E-01	3.99E+00	9.01E-01
2480	Gridded	3.56E-01	7.89E-02	46.79	11.90	2.27E+01	5.74E+00	3.65E+00	1.02E+00	3.65E+00	1.02E+00	3.65E+00	1.02E+00
2481	Gridded	3.53E-01	9.27E-02	46.96	14.27	2.25E+01	6.88E+00	4.07E+00	1.20E+00	4.07E+00	1.20E+00	4.07E+00	1.20E+00
2482	Gridded	3.35E-01	9.28E-02	42.19	13.56	2.04E+01	6.54E+00	3.54E+00	1.19E+00	3.53E+00	1.19E+00	3.53E+00	1.19E+00
2483	Gridded	3.27E-01	8.84E-02	41.28	11.75	2.01E+01	5.61E+00	3.79E+00	1.11E+00	3.79E+00	1.11E+00	3.79E+00	1.11E+00
2484	Gridded	3.74E-01	7.91E-02	54.40	10.64	2.65E+01	5.14E+00	4.22E+00	9.89E-01	4.22E+00	9.89E-01	4.22E+00	9.89E-01
2485	Gridded	3.02E-01	1.12E-01	48.41	17.21	2.40E+01	8.06E+00	3.79E+00	1.44E+00	3.79E+00	1.44E+00	3.79E+00	1.44E+00
2486	Gridded	3.67E-01	1.19E-01	48.42	18.66	2.36E+01	8.74E+00	3.96E+00	1.54E+00	3.96E+00	1.54E+00	3.96E+00	1.54E+00
2487	Gridded	2.92E-01	1.18E-01	43.82	18.96	2.13E+01	8.88E+00	3.65E+00	1.54E+00	3.65E+00	1.54E+00	3.65E+00	1.54E+00
2488	Gridded	3.51E-01	1.20E-01	50.21	18.20	2.41E+01	8.65E+00	4.47E+00	1.54E+00	4.47E+00	1.54E+00	4.47E+00	1.54E+00
2489	Gridded	4.07E-01	1.09E-01	46.82	16.02	2.23E+01	7.61E+00	4.13E+00	1.39E+00	4.13E+00	1.39E+00	4.13E+00	1.39E+00
2490	Gridded	5.12E-01	5.65E-02	41.26	9.84	1.96E+01	4.67E+00	5.19E+00	7.13E-01	5.19E+00	7.13E-01	5.19E+00	7.13E-01
2491	Gridded	1.05E+00	7.91E-02	41.38	10.78	1.98E+01	5.09E+00	1.06E+01	8.39E-01	1.06E+01	8.39E-01	1.06E+01	8.39E-01
2492	Gridded	5.12E-01	6.24E-02	41.62	8.45	2.08E+01	3.98E+00	5.17E+00	7.70E-01	5.17E+00	7.70E-01	5.17E+00	7.70E-01
2493	Gridded	2.59E-01	5.13E-02	50.30	6.60	2.51E+01	3.09E+00	3.59E+00	6.19E-01	3.59E+00	6.19E-01	3.59E+00	6.19E-01
2494	Gridded	3.75E-01	4.80E-02	70.86	8.66	3.48E+01	4.21E+00	4.38E+00	6.08E-01	4.37E+00	6.08E-01	4.37E+00	6.08E-01
2495	Gridded	3.50E-01	5.46E-02	82.35	11.25	4.02E+01	5.43E+00	5.11E+00	7.63E-01	5.11E+00	7.63E-01	5.11E+00	7.63E-01
2496	Gridded	3.34E-01	6.43E-02	74.95	12.49	3.63E+01	6.00E+00	4.79E+00	8.83E-01	4.79E+00	8.83E-01	4.79E+00	8.83E-01
2497	Gridded	3.00E-01	6.78E-02	56.81	12.34	2.73E+01	5.88E+00	4.05E+00	9.13E-01	4.05E+00	9.13E-01	4.05E+00	9.13E-01
2498	Gridded	3.44E-01	8.43E-02	41.35	9.15	2.04E+01	4.22E+00	3.57E+00	1.01E+00	3.57E+00	1.01E+00	3.57E+00	1.01E+00
2499	Gridded	2.89E-01	7.01E-02	45.13	8.49	2.22E+01	4.08E+00	3.58E+00	8.54E-01	3.58E+00	8.54E-01	3.58E+00	8.54E-01
2500	Gridded	3.41E-01	6.00E-02	45.20	9.19	2.23E+01	4.37E+00	4.14E+00	7.60E-01	4.14E+00	7.60E-01	4.14E+00	7.60E-01
2501	Gridded	3.50E-01	6.92E-02	45.79	9.56	2.25E+01	4.46E+00	4.37E+00	8.47E-01	4.37E+00	8.47E-01	4.37E+00	8.47E-01
2502	Gridded	3.92E-01	7.76E-02	48.75	9.35	2.39E+01	4.26E+00	4.12E+00	9.48E-01	4.11E+00	9.48E-01	4.11E+00	9.48E-01
2503	Gridded	4.58E-01	8.26E-02	51.57	9.12	2.55E+01	4.45E+00	4.64E+00	9.77E-01	4.64E+00	9.77E-01	4.64E+00	9.77E-01
2504	Gridded	3.89E-01	1.07E-01	51.69	13.37	2.55E+01	6.36E+00	4.24E+00	1.32E+00	4.24E+00	1.32E+00	4.24E+00	1.32E+00
2505	Gridded	4.01E-01	1.28E-01	52.09	19.17	2.57E+01	9.25E+00	4.69E+00	1.65E+00	4.69E+00	1.65E+00	4.69E+00	1.65E+00
2506	Gridded	3.44E-01	1.26E-01	54.42	22.31	2.68E+01	1.08E+01	4.50E+00	1.69E+00	4.50E+00	1.69E+00	4.50E+00	1.69E+00
2507	Gridded	6.02E-01	1.18E-01	52.67	20.06	2.61E+01	9.60E+00	6.07E+00	1.56E+00	6.07E+00	1.56E+00	6.07E+00	1.56E+00
2508	Gridded	6.81E-01	1.09E-01	54.71	16.87	2.70E+01	8.32E+00	6.88E+00	1.36E+00	6.88E+00	1.36E+00	6.88E+00	1.36E+00
2509	Gridded	3.29E-01	6.65E-02	50.77	11.89	2.50E+01	5.70E+00	3.57E+00	8.35E-01	3.57E+00	8.35E-01	3.57E+00	8.35E-01
2510	Gridded	3.37E-01	7.55E-02	45.48	10.08	2.20E+01	4.87E+00	3.84E+00	9.29E-01	3.84E+00	9.29E-01	3.84E+00	9.29E-01
2511	Gridded	3.05E-01	8.12E-02	47.14	12.87	2.31E+01	6.11E+00	3.81E+00	1.06E+00	3.81E+00	1.06E+00	3.81E+00	1.06E+00
2512	Gridded	3.76E-01	9.25E-02	50.50	14.32	2.45E+01	6.79E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00	3.96E+00	1.20E+00
2513	Gridded	3.52E-01	8.67E-02	42.92	12.68	2.03E+01	6.03E+00	3.67E+00	1.10E+00	3.67E+00	1.10E+00	3.67E+00	1.10E+00
2514	Gridded	3.28E-01	8.35E-02	45.18	11.40	2.17E+01	5.47E+00	4.06E+00	1.06E+00	4.06E+00	1.06E+00	4.06E+00	1.06E+00
2515	Gridded	3.95E-01	8.32E-02	51.42	11.72	2.52E+01	5.48E+00	3.99E+00	1.05E+00	3.99E+00	1.05E+00	3.99E+00	1.05E+00
2516	Gridded	3.01E-01	1.11E-01	49.21	17.50	2.44E+01	8.24E+00	3.80E+00	1.44E+00	3.80E+00	1.44E+00	3.80E+00	1.44E+00
2517	Gridded	3.74E-01	1.18E-01	48.70	18.57	2.38E+01	8.75E+00	3.81E+00	1.53E+00	3.81E+00	1.53E+00	3.81E+00	1.53E+00
2518	Gridded	2.66E-01	1.16E-01	41.85	18.61	2.03E+01	8.77E+00	3.40E+00	1.51E+00	3.40E+00	1.51E+00	3.40E+00	1.51E+00
2519	Gridded	3.44E-01	1.10E-01	50.39	17.02	2.42E+01	8.12E+00	4.40E+00	1.42E+00	4.40E+00	1.42E+00	4.40E+00	1.42E+00
2520	Gridded	3.74E-01	1.10E-01	46.91	16.74	2.26E+01	7.99E+00	4.00E+00	1.42E+00	4.00E+00	1.42E+00	4.00E+00	1.42E+00
2521	Gridded	6.06E-01	6.53E-02	40.37	9.19	1.97E+01	4.38E+00	6.13E+00	8.28E-01	6.13E+00	8.28E-01	6.13E+00	8.28E-01
2522	Gridded	6.40E-01	6.30E-02	41.49	11.16	1.99E+01	5.30E+00	6.48E+00	8.42E-01	6.48E+00	8.42E-01	6.48E+00	8.42E-01
2523	Gridded	3.82E-01	6.16E-02	37.68	8.95	1.80E+01	4.25E+00	3.86E+00	7.70E-01	3.86E+00	7.70E-01	3.86E+00	7.70E-01
2524	Gridded	2.38E-01	5.64E-02	48.74	6.95	2.44E+01	3.26E+00	3.35E+00	6.90E-01	3.35E+00	6.90E-01	3.35E+00	6.90E-01
2525	Gridded	3.10E-01	4.41E-02	53.33	6.90	2.62E+01	3.22E+00	3.69E+00	5.70E-01	3.69E+00	5.70E-01	3.69E+00	5.70E-01
2526	Gridded	3.04E-01	4.97E-02	71.80	9.50	3.51E+01	4.62E+00	4.45E+00	6.27E-01	4.45E+00	6.27E-01	4.45E+00	6.27E-01
2527	Gridded	3.34E-01	5.60E-02	76.35	11.28	3.71E+01	5.45E+00	4.83E+00	7.78E-01	4.83E+00	7.78E-01	4.83E+00	7.78E-01

2528	Gridded	3.12E-01	6.29E-02	67.77	12.04	3.28E+01	5.78E+00	4.43E+00	8.60E-01	4.43E+00	8.60E-01	4.43E+00	8.60E-01
2529	Gridded	2.70E-01	6.16E-02	41.57	8.20	2.05E+01	3.94E+00	3.30E+00	7.53E-01	3.30E+00	7.53E-01	3.30E+00	7.53E-01
2530	Gridded	3.24E-01	5.74E-02	42.18	8.72	2.08E+01	4.14E+00	3.97E+00	7.18E-01	3.97E+00	7.18E-01	3.97E+00	7.18E-01
2531	Gridded	3.28E-01	6.29E-02	43.37	8.78	2.08E+01	4.09E+00	4.11E+00	7.72E-01	4.11E+00	7.72E-01	4.11E+00	7.72E-01
2532	Gridded	3.26E-01	6.86E-02	44.43	8.41	2.18E+01	3.83E+00	3.71E+00	8.42E-01	3.71E+00	8.42E-01	3.71E+00	8.42E-01
2533	Gridded	4.46E-01	7.32E-02	46.64	8.06	2.30E+01	3.93E+00	4.51E+00	8.68E-01	4.51E+00	8.68E-01	4.51E+00	8.68E-01
2534	Gridded	3.26E-01	9.61E-02	48.34	12.06	2.38E+01	5.75E+00	3.94E+00	1.19E+00	3.94E+00	1.19E+00	3.94E+00	1.19E+00
2535	Gridded	4.25E-01	1.20E-01	49.72	17.68	2.45E+01	8.54E+00	4.44E+00	1.54E+00	4.44E+00	1.54E+00	4.44E+00	1.54E+00
2536	Gridded	3.40E-01	1.22E-01	51.89	21.19	2.54E+01	1.03E+01	4.41E+00	1.63E+00	4.41E+00	1.63E+00	4.41E+00	1.63E+00
2537	Gridded	2.97E-01	1.10E-01	48.72	20.16	2.40E+01	9.66E+00	3.85E+00	1.49E+00	3.85E+00	1.49E+00	3.85E+00	1.49E+00
2538	Gridded	6.32E-01	1.06E-01	50.58	16.83	2.50E+01	8.29E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00	6.38E+00	1.35E+00
2539	Gridded	4.40E-01	8.30E-02	51.95	12.69	2.55E+01	6.28E+00	4.44E+00	1.02E+00	4.44E+00	1.02E+00	4.44E+00	1.02E+00
2540	Gridded	3.69E-01	6.77E-02	48.12	9.93	2.35E+01	4.80E+00	3.75E+00	8.22E-01	3.75E+00	8.22E-01	3.75E+00	8.22E-01
2541	Gridded	3.70E-01	7.95E-02	49.15	10.94	2.38E+01	5.25E+00	3.74E+00	1.00E+00	3.74E+00	1.00E+00	3.74E+00	1.00E+00
2542	Gridded	4.05E-01	8.49E-02	46.33	13.78	2.26E+01	6.56E+00	4.10E+00	1.11E+00	4.10E+00	1.11E+00	4.10E+00	1.11E+00
2543	Gridded	3.77E-01	9.35E-02	49.71	14.72	2.42E+01	7.02E+00	3.80E+00	1.20E+00	3.80E+00	1.19E+00	3.80E+00	1.19E+00
2544	Gridded	3.69E-01	8.70E-02	48.20	12.30	2.31E+01	5.90E+00	3.91E+00	1.08E+00	3.91E+00	1.08E+00	3.91E+00	1.08E+00
2545	Gridded	3.74E-01	7.79E-02	50.57	11.46	2.45E+01	5.44E+00	4.26E+00	9.90E-01	4.26E+00	9.90E-01	4.26E+00	9.90E-01
2546	Gridded	4.24E-01	8.82E-02	48.26	12.91	2.37E+01	6.08E+00	4.28E+00	1.13E+00	4.28E+00	1.13E+00	4.28E+00	1.13E+00
2547	Gridded	3.09E-01	1.12E-01	48.99	17.84	2.43E+01	8.44E+00	3.85E+00	1.46E+00	3.85E+00	1.46E+00	3.85E+00	1.46E+00
2548	Gridded	3.87E-01	1.20E-01	48.37	19.02	2.37E+01	9.01E+00	3.94E+00	1.56E+00	3.94E+00	1.56E+00	3.94E+00	1.56E+00
2549	Gridded	2.92E-01	1.17E-01	42.64	19.04	2.04E+01	9.02E+00	3.51E+00	1.53E+00	3.51E+00	1.53E+00	3.51E+00	1.53E+00
2550	Gridded	3.36E-01	1.02E-01	50.19	16.07	2.42E+01	7.70E+00	4.32E+00	1.33E+00	4.32E+00	1.33E+00	4.32E+00	1.33E+00
2551	Gridded	3.38E-01	1.10E-01	47.50	17.13	2.29E+01	8.21E+00	3.97E+00	1.42E+00	3.97E+00	1.42E+00	3.97E+00	1.42E+00
2552	Gridded	5.30E-01	7.26E-02	38.48	10.71	1.88E+01	5.12E+00	5.37E+00	9.31E-01	5.36E+00	9.31E-01	5.36E+00	9.31E-01
2553	Gridded	6.40E-01	5.93E-02	40.26	10.81	1.93E+01	5.17E+00	6.48E+00	7.99E-01	6.48E+00	7.99E-01	6.48E+00	7.99E-01
2554	Gridded	3.73E-01	5.92E-02	37.37	9.62	1.80E+01	4.57E+00	3.78E+00	7.59E-01	3.77E+00	7.59E-01	3.77E+00	7.59E-01
2555	Gridded	2.76E-01	5.88E-02	44.00	7.79	2.20E+01	3.60E+00	2.95E+00	7.31E-01	2.95E+00	7.31E-01	2.95E+00	7.31E-01
2556	Gridded	2.60E-01	4.77E-02	51.63	6.61	2.58E+01	3.13E+00	3.63E+00	5.81E-01	3.63E+00	5.81E-01	3.63E+00	5.81E-01
2557	Gridded	3.56E-01	4.57E-02	57.52	7.48	2.82E+01	3.65E+00	3.65E+00	5.87E-01	3.65E+00	5.87E-01	3.65E+00	5.87E-01
2558	Gridded	3.09E-01	4.86E-02	70.76	9.66	3.45E+01	4.69E+00	4.47E+00	6.54E-01	4.47E+00	6.54E-01	4.47E+00	6.54E-01
2559	Gridded	3.24E-01	5.54E-02	72.86	10.96	3.54E+01	5.30E+00	4.66E+00	7.66E-01	4.66E+00	7.66E-01	4.66E+00	7.66E-01
2560	Gridded	5.03E-01	1.28E-01	62.05	12.30	3.09E+01	5.92E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00
2561	Gridded	5.03E-01	1.28E-01	62.05	12.30	3.09E+01	5.92E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00	5.98E+00	1.42E+00
2562	Gridded	4.48E-01	1.80E-01	59.85	19.24	2.95E+01	9.33E+00	5.24E+00	1.99E+00	5.24E+00	1.99E+00	5.24E+00	1.99E+00
2563	Gridded	6.15E-01	1.95E-01	63.59	22.38	3.13E+01	1.07E+01	6.21E+00	2.20E+00	6.21E+00	2.20E+00	6.21E+00	2.20E+00
2564	Gridded	5.69E-01	1.88E-01	73.07	21.97	3.58E+01	1.01E+01	5.74E+00	2.05E+00	5.74E+00	2.05E+00	5.74E+00	2.05E+00
2565	Gridded	4.84E-01	1.93E-01	66.24	18.06	3.27E+01	8.29E+00	5.13E+00	2.00E+00	5.13E+00	2.00E+00	5.13E+00	2.00E+00
2566	Gridded	4.29E-01	1.74E-01	58.10	16.13	2.84E+01	7.64E+00	5.29E+00	1.83E+00	5.29E+00	1.83E+00	5.29E+00	1.83E+00
2567	Gridded	4.11E-01	1.53E-01	64.18	14.76	3.11E+01	7.03E+00	5.12E+00	1.58E+00	5.12E+00	1.58E+00	5.12E+00	1.58E+00
2568	Gridded	3.94E-01	1.24E-01	67.16	15.88	3.31E+01	7.67E+00	4.93E+00	1.26E+00	4.93E+00	1.26E+00	4.93E+00	1.26E+00
2569	Gridded	3.84E-01	1.18E-01	67.96	16.87	3.25E+01	8.28E+00	5.07E+00	1.23E+00	5.07E+00	1.23E+00	5.07E+00	1.23E+00
2570	Gridded	6.78E-01	1.65E-01	61.43	14.39	2.72E+01	5.90E+00	7.74E+00	1.89E+00	7.74E+00	1.89E+00	7.74E+00	1.89E+00
2571	Gridded	6.30E-01	1.48E-01	60.05	11.49	2.83E+01	4.95E+00	6.39E+00	1.64E+00	6.39E+00	1.64E+00	6.39E+00	1.64E+00

1.4 Scenario 4 Air Quality Results

Scenario 4 Results

Receptor		As		Be		Cd		Cr		Cu		Co		Pb		Mn		Hg		Ni		Se		Sn		Va		Sb		HF		VOC	
	Units as µg/m^3	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr
	Recreational Max	1.98E-02	1.40E-03	1.66E-05	1.21E-06	9.65E-03	6.84E-04	2.09E-02	1.48E-03	2.07E-02	1.47E-03	1.97E-02	1.39E-03	2.45E-02	1.74E-03	2.45E-02	1.74E-03	3.67E-02	2.59E-03	2.09E-02	1.48E-03	2.30E-04	1.68E-05	1.98E-02	1.40E-03	1.58E-04	1.15E-05	1.98E-02	1.40E-03	6.90E-01	1.32E-01	1.44E+00	2.15E-01
	Commercial/Industrial Max	4.03E-02	7.90E-03	2.37E-05	3.15E-06	1.74E-02	3.43E-03	4.04E-02	7.95E-03	4.04E-02	7.94E-03	4.03E-02	7.90E-03	4.06E-02	8.08E-03	4.06E-02	8.08E-03	7.49E-02	1.47E-02	4.04E-02	7.95E-03	3.29E-04	4.37E-05	4.03E-02	7.90E-03	2.25E-04	2.99E-05	4.03E-02	7.90E-03	2.81E+00	3.03E-01	7.91E+00	3.85E-01
	Residential Max	2.32E-02	4.51E-03	2.51E-05	4.03E-06	1.16E-02	2.20E-03	2.47E-02	4.76E-03	2.45E-02	4.72E-03	2.31E-02	4.49E-03	3.01E-02	5.58E-03	3.01E-02	5.58E-03	4.30E-02	8.35E-03	2.47E-02	4.76E-03	3.49E-04	5.59E-05	2.32E-02	4.50E-03	2.38E-04	3.82E-05	2.32E-02	4.51E-03	1.19E+00	2.94E-01	3.34E+00	3.90E-01
	Grid Max	3.52E-01	5.53E-02	4.15E-05	6.74E-06	1.51E-01	2.37E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	6.53E-01	1.03E-01	3.52E-01	5.53E-02	5.76E-04	9.34E-05	3.52E-01	5.53E-02	3.94E-04	6.39E-05	3.52E-01	5.53E-02	6.53E+00	1.04E+00	8.90E+00	7.16E-01
	Background - Beresfield NSW for 2015																																
	Recreational Max with Background	1.98E-02	1.40E-03	1.66E-05	1.21E-06	9.65E-03	6.84E-04	2.09E-02	1.48E-03	2.07E-02	1.47E-03	1.97E-02	1.39E-03	2.45E-02	1.74E-03	2.45E-02	1.74E-03	3.67E-02	2.59E-03	2.09E-02	1.48E-03	2.30E-04	1.68E-05	1.98E-02	1.40E-03	1.58E-04	1.15E-05	1.98E-02	1.40E-03	6.90E-01	1.32E-01	1.44E+00	2.15E-01
	Commercial/Industrial Max with Background	4.03E-02	7.90E-03	2.37E-05	3.15E-06	1.74E-02	3.43E-03	4.04E-02	7.95E-03	4.04E-02	7.94E-03	4.03E-02	7.90E-03	4.06E-02	8.08E-03	4.06E-02	8.08E-03	7.49E-02	1.47E-02	4.04E-02	7.95E-03	3.29E-04	4.37E-05	4.03E-02	7.90E-03	2.25E-04	2.99E-05	4.03E-02	7.90E-03	2.81E+00	3.03E-01	7.91E+00	3.85E-01
	Residential Max with Background	2.32E-02	4.51E-03	2.51E-05	4.03E-06	1.16E-02	2.20E-03	2.47E-02	4.76E-03	2.45E-02	4.72E-03	2.31E-02	4.49E-03	3.01E-02	5.58E-03	3.01E-02	5.58E-03	4.30E-02	8.35E-03	2.47E-02	4.76E-03	3.49E-04	5.59E-05	2.32E-02	4.50E-03	2.38E-04	3.82E-05	2.32E-02	4.51E-03	1.19E+00	2.94E-01	3.34E+00	3.90E-01
	Grid Max with Background	3.52E-01	5.53E-02	4.15E-05	6.74E-06	1.51E-01	2.37E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	6.53E-01	1.03E-01	3.52E-01	5.53E-02	5.76E-04	9.34E-05	3.52E-01	5.53E-02	3.94E-04	6.39E-05	3.52E-01	5.53E-02	6.53E+00	1.04E+00	8.90E+00	7.16E-01
2602	Recreational	1.32E-02	9.44E-04	1.34E-05	1.21E-06	6.53E-03	4.90E-04	1.40E-02	1.03E-03	1.39E-02	1.01E-03	1.32E-02	9.39E-04	1.67E-02	1.29E-03	1.67E-02	1.29E-03	2.45E-02	1.75E-03	1.40E-02	1.03E-03	1.86E-04	1.68E-05	1.32E-02	9.42E-04	1.27E-04	1.15E-05	1.32E-02	9.45E-04	6.90E-01	8.97E-02	1.44E+00	1.82E-01
2603	Recreational	1.98E-02	1.40E-03	1.66E-05	1.21E-06	9.65E-03	6.84E-04	2.09E-02	1.48E-03	2.07E-02	1.47E-03	1.97E-02	1.39E-03	2.45E-02	1.74E-03	2.45E-02	1.74E-03	3.67E-02	2.59E-03	2.09E-02	1.48E-03	2.30E-04	1.68E-05	1.98E-02	1.40E-03	1.58E-04	1.15E-05	1.98E-02	1.40E-03	6.31E-01	1.32E-01	9.59E-01	2.15E-01
2604	Comercial/Industrial Workers	1.17E-02	1.21E-03	1.32E-05	1.20E-06	5.87E-03	6.01E-04	1.25E-02	1.29E-03	1.24E-02	1.28E-03	1.16E-02	1.20E-03	1.52E-02	1.55E-03	1.52E-02	1.55E-03	2.16E-02	2.23E-03	1.25E-02	1.29E-03	1.83E-04	1.66E-05	1.17E-02	1.20E-03	1.25E-04	1.14E-05	1.17E-02	1.21E-03	9.31E-01	1.05E-01	1.52E+00	1.36E-01
2605	Comercial/Industrial Workers	4.03E-02	7.90E-03	1.12E-05	1.50E-06	1.74E-02	3.43E-03	4.04E-02	7.95E-03	4.04E-02	7.94E-03	4.03E-02	7.90E-03	4.06E-02	8.08E-03	4.06E-02	8.08E-03	7.49E-02	1.47E-02	4.04E-02	7.95E-03	1.55E-04	2.08E-05	4.03E-02	7.90E-03	1.06E-04	1.42E-05	4.03E-02	7.90E-03	9.10E-01	2.78E-01	1.90E+00	1.23E-01
2606	Comercial/Industrial Workers	6.35E-03	1.68E-03	8.53E-06	2.11E-06	3.26E-03	8.69E-04	6.83E-03	1.82E-03	6.77E-03	1.80E-03	6.32E-03	1.67E-03	8.58E-03	2.29E-03	8.58E-03	2.29E-03	1.18E-02	3.11E-03	6.83E-03	1.82E-03	1.18E-04	2.93E-05	6.34E-03	1.68E-03	8.10E-05	2.00E-05	6.36E-03	1.68E-03	6.54E-01	1.74E-01	2.02E+00	2.03E-01
2607	Comercial/Industrial Workers	1.06E-02	1.54E-03	1.21E-05	1.59E-06	4.74E-03	7.08E-04	1.08E-02	1.58E-03	1.08E-02	1.58E-03	1.06E-02	1.53E-03	1.14E-02	1.74E-03	1.14E-02	1.74E-03	1.97E-02	2.85E-03	1.08E-02	1.58E-03	1.68E-04	2.20E-05	1.06E-02	1.54E-03	1.15E-04	1.51E-05	1.06E-02	1.54E-03	1.08E+00	1.97E-01	2.13E+00	9.72E-02
2608	Comercial/Industrial Workers	1.83E-02	1.37E-03	2.00E-05	2.99E-06	9.24E-03	7.97E-04	1.96E-02	1.57E-03	1.94E-02	1.54E-03	1.82E-02	1.35E-03	2.40E-02	2.22E-03	2.40E-02	2.22E-03	3.39E-02	2.52E-03	1.96E-02	1.57E-03	2.77E-04	4.15E-05	1.82E-02	1.36E-03	1.89E-04	2.84E-05	1.83E-02	1.37E-03	1.30E+00	1.99E-01	2.01E+00	2.35E-01
2609	Comercial/Industrial Workers	1.37E-02	9.87E-04	1.73E-05	1.61E-06	6.91E-03	5.20E-04	1.47E-02	1.08E-03	1.45E-02	1.07E-03	1.36E-02	9.82E-04	1.79E-02	1.38E-03	1.79E-02	1.38E-03	2.53E-02	1.83E-03	1.47E-02	1.08E-03	2.39E-04	2.23E-05	1.37E-02	9.85E-04	1.64E-04	1.53E-05	1.37E-02	9.88E-04	1.55E+00	1.50E-01	2.24E+00	2.18E-01
2610	Comercial/Industrial Workers	1.42E-02	1.23E-03	1.76E-05	1.54E-06	6.98E-03	6.07E-04	1.51E-02	1.31E-03	1.49E-02	1.30E-03	1.42E-02	1.23E-03	1.78E-02	1.55E-03	1.78E-02	1.55E-03	2.63E-02	2.28E-03	1.51E-02	1.31E-03	2.44E-04	2.13E-05	1.42E-02	1.23E-03	1.67E-04	1.46E-05	1.42E-02	1.23E-03	1.14E+00	1.52E-01	1.78E+00	2.95E-01
2611	Comercial/Industrial Workers	1.02E-02	1.10E-03	1.14E-05	1.34E-06	5.19E-03	5.60E-04	1.10E-02	1.19E-03	1.09E-02	1.17E-03	1.02E-02	1.10E-03	1.35E-02	1.46E-03	1.35E-02	1.46E-03	1.89E-02	2.04E-03	1.10E-02	1.19E-03	1.58E-04	1.86E-05	1.02E-02	1.10E-03	1.08E-04	1.27E-05	1.02E-02	1.10E-03	7.54E-01	1.68E-01	1.34E+00	2.89E-01
2612	Comercial/Industrial Workers	1.21E-02	1.04E-03	1.57E-05	1.64E-06	6.31E-03	5.63E-04	1.32E-02	1.16E-03	1.30E-02	1.14E-03	1.21E-02	1.04E-03	1.66E-02	1.51E-03	1.66E-02	1.51E-03	2.24E-02	1.93E-03	1.32E-02	1.16E-03	2.18E-04	2.27E-05	1.21E-02	1.04E-03	1.49E-04	1.55E-05	1.21E-02	1.05E-03	1.16E+00	2.41E-01	1.61E+00	3.19E-01
2613	Comercial/Industrial Workers	1.49E-02	2.19E-03	2.00E-05	2.81E-06	7.80E-03	1.14E-03	1.62E-02	2.38E-03	1.61E-02	2.36E-03	1.48E-02	2.18E-03	2.06E-02	3.00E-03	2.06E-02	3.00E-03	2.76E-02	4.06E-03	1.62E-02	2.38E-03	2.77E-04	3.90E-05	1.49E-02	2.19E-03	1.90E-04	2.67E-05	1.49E-02	2.20E-03	8.67E-01	1.85E-01	2.50E+00	2.60E-01
2614	Comercial/Industrial Workers	1.26E-02	1.61E-03	1.54E-05	2.33E-06	5.58E-03	8.55E-04	1.28E-02	1.77E-03	1.28E-02	1.75E-03	1.26E-02	1.60E-03	1.43E-02	2.28E-03	1.43E-02	2.28E-03	2.34E-02	2.98E-03	1.28E-02	1.77E-03	2.14E-04	3.23E-05	1.26E-02	1.61E-03	1.46E-04	2.21E-05	1.26E-02	1.61E-03	1.22E+00	1.51E-01	3.06E+00	2.19E-01
2615	Comercial/Industrial Workers	1.46E-02	1.42E-03	2.21E-05	1.93E-06	6.41E-03	7.44E-04	1.47E-02	1.55E-03	1.47E-02	1.53E-03	1.46E-02	1.41E-03	1.52E-02	1.97E-03	1.52E-02	1.97E-03	2.71E-02	2.63E-03	1.47E-02	1.55E-03	3.06E-04	2.67E-05	1.46E-02	1.42E-03	2.09E-04	1.83E-05	1.46E-02	1.42E-03	1.19E+00	1.37E-01	3.00E+00	2.15E-01
2616	Comercial/Industrial Workers	1.03E-02	1.16E-03	2.37E-05	1.69E-06	5.05E-03	6.19E-04	1.05E-02	1.28E-03	1.05E-02	1.26E-03	1.03E-02	1.16E-03	1.47E-02	1.65E-03	1.47E-02	1.65E-03	1.92E-02	2.16E-03	1.05E-02	1.28E-03	3.29E-04	2.35E-05	1.03E-02	1.16E-03	2.25E-04	1.61E-05	1.03E-02	1.17E-03	1.25E+00	1.20E-01	2.70E+00	1.92E-01
2617	Comercial/Industrial Workers	1.15E-02	1.02E-03	1.95E-05	1.45E-06	4.94E-03	5.40E-04	1.15E-02	1.12E-03	1.15E-02	1.10E-03	1.15E-02	1.02E-03	1.22E-02	1.44E-03	1.22E-02	1.44E-03	2.14E-02	1.89E-03	1.15E-02	1.12E-03	2.70E-04	2.02E-05	1.15E-02	1.02E-03	1.85E-04	1.38E-05	1.15E-02	1.02E-03	1.21E+00	1.08E-01	2.60E+00	1.80E-01
2618	Comercial/Industrial Workers	1.39E-02	1.17E-03	7.72E-06	1.52E-06	5.94E-03	6.08E-04	1.39E-02	1.27E-03	1.39E-02	1.26E-03	1.39E-02	1.17E-03	1.39E-02	1.60E-03	1.39E-02	1.60E-03	2.58E-02	2.18E-03	1.39E-02	1.27E-03	1.07E-04	2.11E-05	1.39E-02	1.17E-03	7.32E-05	1.44E-05	1.39E-02	1.17E-03	1.08E+00	1.05E-01	1.88E+00	1.91E-01
2619	Comercial/Industrial Workers	5.92E-03	1.64E-03	7.45E-06	2.16E-06	2.99E-03	8.36E-04	6.35E-03	1.77E-03	6.29E-03	1.75E-03	5.90E-03	1.63E-03	7.74E-03	2.21E-03	7.74E-03	2.21E-03	1.10E-02	3.03E-03	6.35E-03	1.77E-03	1.03E-04	3.00E-05	5.91E-03	1.64E-03	7.07E-05	2.05E-05	5.92E-03	1.64E-03	1.09E+00	1.30E-01	1.31E+00	2.26E-01
2620	Comercial/Industrial Workers	6.39E-03	1.93E-03	8.19E-06	2.59E-06	3.26E-03	9.91E-04	6.89E-03	2.08E-03	6.82E-03	2.06E-03	6.36E-03	1.92E-03	8.49E-03	2.63E-03	8.49E-03	2.63E-03	1.18E-02	3.57E-03	6.89E-03	2.08E-03	1.14E-04	3.60E-05	6.38E-03	1.93E-03	7.77E-05	2.46E-05	6.40E-03	1.93E-03	8.85E-01	1.57E-01	1.60E+00	2.02E-01
2621	Comercial/Industrial Workers	7.31E-03	1.92E-03	7.92E-06	2.43E-06	3.69E-03	9.95E-04	7.85E-03	2.09E-03	7.77E-03	2.06E-03	7.28E-03	1.91E-03	9.58E-03	2.62E-03	9.58E-03	2.62E-03	1.35E-02	3.56E-03	7.85E-03	2.09E-03	1.10E-04	3.37E-05	7.30E-03	1.92E-03	7.51E-05	2.31E-05	7.32E-03	1.92E-03	6.02E-01	1.67E-01	1.93E+00	2.15E-01
2622	Comercial/Industrial Workers	6.04E-03	1.64E-03	7.52E-06	2.07E-06	3.07E-03	8.49E-04	6.49E-03	1.78E-03	6.43E-03	1.76E-03	6.01E-03	1.63E-03	7.98E-03	2.23E-03	7.98E-03	2.23E-03	1.12E-02	3.04E-03	6.49E-03	1.78E-03	1.04E-04	2.87E-05	6.03E-03	1.64E-03	7.14E-05	1.96E-05	6.04E-03	1.64E-03	7.38E-01	1.75E-01	1.88E+00	1.99E-01
2623	Comercial/Industrial Workers	8.00E-03	2.22E-03	1.21E-05	3.15E-06	4.28E-03	1.17E-03	8.81E-03	2.43E-03	8.70E-03	2.40E-03	7.95E-03	2.21E-03	1.15E-02	3.12E-03	1.15E-02	3.12E-03	1.48E-02	4.10E-03	8.81E-03	2.43E-03	1.68E-04	4.37E-05	7.98E-03	2.21E-03	1.15E-04	2.99E-05	8.01E-03	2.22E-03	7.80E-01	2.23E-01	1.50E+00	2.09E-01
2624	Comercial/Industrial Workers	7.65E-03	2.04E-03	1.03E-05	2.57E-06	3.85E-03	1.06E-03	8.20E-03	2.22E-03	8.12E-03	2.19E-03	7.63E-03	2.03E-03	9.96E-03	2.78E-03	9.96E-03	2.78E-03	1.42E-02	3.79E-03	8.20E-03	2.22E-03	1.43E-04	3.56E-05	7.64E-03	2.04E-03	9.78E-05	2.44E-05	7.66E-03	2.05E-03	8.45E-01	3.03E-01	3.29E+00	3.18E-01
2625	Comercial/Industrial Workers	6.82E-03	1.18E-03	8.09E-06	2.03E-06	3.48E-03	6.44E-04	7.35E-03	1.31E-03	7.28E-03	1.30E-03	6.79E-03	1.18E-03	9.08E-03	1.74E-03	9.08E-03	1.74E-03	1.26E-02	2.19E-03	7.35E-03	1.31E-03	1.12E-04	2.81E-05	6.81E-03	1.18E-03	7.68E-05	1.92E-05	6.83E-03	1.19E-03	6.91E-01	2.72E-01	1.08E+00	2.90E-01
2626	Comercial/Industrial Workers	9.08E-03	9.27E-04	1.31E-05	1.37E-06	4.75E-03	4.94E-04	9.82E-03	1.02E-03	9.69E-03	1.01E-03	9.05E-03	9.22E-04	1.27E-02	1.32E-03	1.27E-02	1.32E-03	1.68E-02	1.72E-03	9.82E-03	1.02E-03	1.81E-04	1.91E-05	9.07E-03	9.25E-04	1.24E-04	1.30E-05	9.09E-03	9.28E-04	1.02E+00	1.27E-01	2.50E+00	2.03E-01
2627	Comercial/Industrial Workers	1.71E-02	1.15E-03	2.00E-05	1.60E-06	8.76E-03	6.04E-04	1.85E-02	1.25E-03	1.83E-02	1.24E-03	1.71E-02	1.14E-03	2.29E-02	1.61E-03	2.29E-02	1.61E-03	3.17E-02	2.12E-03	1.85E-02	1.25E-03	2.78E-04	2.22E-05	1.71E-02	1.14E-03	1.90E-04	1.52E-05	1.71E-02	1.15E-03	9.21E-01	1.03E-01	1.48E+00	1.91E-01
2628	Comercial/Industrial Workers	1.89E-02	1.20E-03	1.79E-05	1.43E-06	9.36E-03	6.15E-04	2.01E-02	1.30E-03	1.99E-02	1.28E-03	1.88E-02	1.19E-03	2.40E-02	1.61E-03	2.40E-02	1.61E-03	3.50E-02	2.22E-03	2.01E-02	1.30E-03	2.49E-04	1.99E-05	1.88E-02	1.20E-03	1.70E-04	1.36E-05	1.89E-02	1.20E-03	9.75E-01	1.15E-01	1.91E+00	1.75E-01
2629	Comercial/Industrial Workers	1.81E-02	1.21E-03	1.48E-05	1.36E-06	8.80E-03	6.16E-04	1.91E-02	1.31E-03	1.89E-02	1.29E-03	1.80E-02	1.21E-03	2.23E-02	1.60E-03	2.23E-02	1.60E-03	3.35E-02	2.25E-03	1.91E-02	1.31E-03	2.05E-04	1.88E-05	1.81E-02	1.21E-03	1.40E-04	1.29E-05	1.81E-02	1.21E-03	9.54E-01	1.21E-01	1.87E+00	1.95E-01
2630	Comercial/Industrial Workers	2.02E-02	1.28E-03	2.32E-05	2.25E-06	1.03E-02	7.05E-04	2.17E-02	1.43E-03	2.15E-02	1.41E-03	2.01E-02	1.27E-03	2.68E-02	1.92E-03	2.68E-02	1.92E-03	3.73E-02	2.36E-03	2.17E-02	1.43E-03	3.22E-04	3.12E-05	2.01E-02	1.27E-03	2.20E-04	2.13E-05	2.02E-02	1.28E-03	1.04E+00	1.52E-01	1.53E+00	2.24E-01
2631	Comercial/Industrial Workers	2.42E-02	1.54E-03	1.98E-05	2.58E-06	1.18E-02	8.42E-04	2.56E-02	1.71E-03	2.54E-02	1.69E-03	2.42E-02	1.53E-03	2.99E-02	2.28E-03	2.99E-02	2.28E-03	4.49E-02	2.85E-03	2.56E-02	1.71E-03	2.74E-04	3.57E-05	2.42E-02	1.54E-03	1.88E-04	2.44E-05	2.43E-02	1.54E-03	1.62E+00	1.77E-01	3.87E+00	2.54E-01
2632	Comercial/Industrial Workers	2.23E-02	1.45E-03	1.51E-05	1.77E-06	1.06E-02	7.45E-04	2.34E-02	1.57E-03	2.32E-02	1.55E-03	2.23E-02	1.44E-03	2.67E-02	1.95E-03	2.67E-02	1.95E-03	4.14E-02	2.68E-03	2.34E-02	1.57E-03	2.10E-04	2.45E-05	2.23E-02	1.44E-03	1.44E-04	1.68E-05	2.23E-02	1.45E-03	1.64E+00	1.28E-01	3.78E+00	2.18E-01
2633	Comercial/Industrial Workers	1.86E-02	1.34E-03	1.49E-05	1.47E-06	8.88E-03	6.79E-04	1.95E-02	1.44E-03	1.94E-02	1.43E-03	1.86E-02	1.34E-03	2.23E-02	1.76E-03	2.23E-02	1.76E-03	3.45E-02	2.49E-03	1.95E-02	1.44E-03	2.07E-04	2.04E-05	1.86E-02	1.34E-03	1.41E-04	1.40E-05	1.86E-02	1.34E-03	1.40E+00	1.17E-01	2.90E+00	1.98E-01
2634	Comercial/Industrial Workers	1.64E-02	1.25E-03	1.55E-05	1.34E-06	7.76E-03	6.31E-04	1.71E-02	1.34E-03	1.70E-02	1.33E-03	1.64E-02	1.25E-03	1.94E-02	1.63E-03	1.94E-02	1.63E-03	3.04E-02	2.32E-03	1.71E-02	1.34E-03	2.15E-04	1.85E-05	1.64E-02	1.25E-03	1.47E-04	1.27E-05	1.64E-02	1.25E-03	1.36E+00	1.21E-01	2.75E+00	2.11E-01
2635	Comercial/Industrial Workers	1.58E-02	1.21E-03	1.54E-05	1.29E-06	7.48E-03	6.10E-04	1.65E-02	1.30E-03	1.64E-02	1.28E-03	1.58E-02	1.21E-03	1.87E-02	1.58E-03	1.87E-02	1.58E-03	2.93E-02	2.24E-03	1.65E-02	1.30E-03	2.13E-04	1.79E-05	1.58E-02	1.21E-03	1.46E-04	1.22E-05	1.58E-02	1.21E-03	1.30E+00	1.21E-01	2.60E+00	2.17E-01
2636	Comercial/Industrial Workers	1.86E-02	1.24E-03	1.51E-05	1.40E-06	9.02E-03	6.29E-04	1.96E-02	1.33E-03	1.94E-02	1.32E-03	1.85E-02	1.23E-03	2.29E-02	1.64E-03	2.29E-02	1.64E-03	3.44E-02	2.29E-03	1.96E-02	1.33E-03	2.09E-04	1.94E-05	1.86E-02	1.23E-03	1.43E-04	1.33E-05	1.86E-02	1.24E-03	1.00E+00	1.21E-01	2.00E+00	1.90E-01
2637	Comercial/Industrial Workers	2.07E-02	1.58E-03	1.60E-05	2.17E-06	9.58E-03	8.30E-04	2.14E-02	1.73E-03	2.13E-02	1.70E-03	2.06E-02	1.57E-03	2.36E-02	2.20E-03	2.36E-02	2.20E-03	3.84E-02	2.92E-03	2.14E-02	1.73E-03	2.21E-04	3.01E-05	2.07E-02	1.58E-03	1.51E-04	2.06E-05	2.07E-02	1.58E-03	2.81E+00	1.80E-01	7.91E+00	3.85E-01
2638	Comercial/Industrial Workers	1.27E-02	1.22E-03	1.70E-05	1.39E-06	5.77E-03	6.09E-04	1.30E-02	1.30E-03	1.30E-02	1.29E-03	1.27E-02	1.22E-03	1.40E-02	1.57E-03	1.40E-02	1.57E-03	2.36E-02	2.26E-03	1.30E-02	1.30E-03	2.36E-04	1.92E-05	1.27E-02	1.22E-03	1.61E-04	1.32E-05	1.27E-02	1.22E-03	2.26E+00	1.61E-01	5.39E+00	2.88E-01
2639	Comercial/Industrial Workers	1.62E-02	1.29E-03	1.67E-05	1.37E-06	7.50E-03	6.50E-04	1.67E-02	1.38E-03	1.67E-02	1.37E-03	1.62E-02	1.29E-03	1.85E-02	1.68E-03	1.85E-02	1.68E-03	3.01E-02	2.39E-03	1.67E-02	1.38E-03	2.31E-04	1.90E-05	1.62E-02	1.29E-03	1.58E-04	1.30E-05	1.62E-02	1.29E-03	1.95E+00	1.45E-01	4.44E+00	2.53E-01
2640	Comercial/Industrial Workers	1.08E-02	1.07E-03	1.55E-05	1.18E-06	5.42E-03	5.27E-04	1.16E-02	1.14E-03	1.15E-02	1.13E-03	1.08E-02	1.07E-03	1.40E-02	1.35E-03	1.40E-02	1.35E-03	2.00E-02	1.98E-03	1.16E-02	1.14E-03	2.15E-04	1.63E-05	1.08E-02	1.07E-03	1.47E-04	1.12E-05	1.08E-02	1.07E-03	1.50E+00	1.33E-01	2.83E+00	2.15E-01
2641	Comercial/Industrial Workers	1.06E-02	9.81E-04	1.47E-05	1.07E-06	5.29E-03	4.96E-04	1.13E-02	1.05E-03	1.12E-02	1.04E-03	1.05E-02	9.78E-04	1.39E-02	1.29E-03	1.39E-02	1.29E-03	1.96E-02	1.82E-03	1.13E-02	1.05E-03	2.04E-04	1.48E-05	1.05E-02	9.80E-04	1.40E-04	1.01E-05	1.06E-02	9.82E-04	1.29E+00	1.30E-01	2.34E+00	2.25E-01
2642	Comercial/Industrial Workers	1.05E-02	9.63E-04	1.40E-05	1.03E-06	5.27E-03	4.86E-04	1.12E-02	1.03E-03	1.11E-02	1.02E-03	1.05E-02	9.59E-04	1.40E-02	1.26E-03	1.40E-02	1.26E-03	1.94E-02	1.78E-03	1.12E-02	1.03E-03	1.95E-04	1.43E-05	1.05E-02	9.61E-04	1.33E-04	9.81E-06	1.05E-02	9.64E-04	1.21E+00	1.28E-01	2.17E+00	2.24E-01
2643	Comercial/Industrial Workers	1.64E-02	9.76E-04	1.72E-05	1.61E-06	8.22E-03	5.02E-04	1.75E-02	1.06E-03	1.74E-02	1.04E-03	1.63E-02	9.71E-04	2.13E-02	1.33E-03	2.13E-02	1.33E-03	3.03E-02	1.81E-03	1.75E-02	1.06E-03	2.38E-04	2.24E-05	1.63E-02	9.74E-04	1.63E-04	1.53E-05	1.64E-02	9.77E-04	1.03E+00	1.10E-01	2.69E+00	1.89E-01
2644	Comercial/Industrial Workers	1.41E-02	9.01E-04	1.47E-05	1.19E-06	7.09E-03	4.59E-04	1.51E-02	9.70E-04	1.50E-02	9.61E-04	1.41E-02	8.97E-04	1.83E-02	1.19E-03	1.83E-02	1.19E-03	2.62E-02	1.67E-03	1.51E-02	9.70E-04	2.04E-04	1.65E-05	1.41E-02	9.00E-04	1.39E-04	1.13E-05	1.41E-02	9.02E-04	1.05E+00	1.05E-01	1.80E+00	1.60E-01
2645	Comercial/Industrial Workers	1.76E-02	1.11E-03	1.77E-05	1.80E-06	8.72E-03	5.83E-04	1.87E-02	1.19E-03	1.86E-02	1.18E-03	1.75E-02	1.10E-03	2.24E-02	1.58E-03	2.24E-02	1.58E-03	3.26E-02	2.05E-03	1.87E-02	1.19E-03	2.45E-04	2.49E-05	1.76E-02	1.11E-03	1.68E-04	1.71E-05	1.76E-02	1.11E-03	9.17E-01	1.34E-01	2.39E+00	1.99E-01
2646	Comercial/Industrial Workers	1.95E-02	1.85E-03	1.76E-05	1.87E-06	9.51E-03	9.24E-04	2.06E-02	1.97E-03	2.04E-02	1.96E-03	1.94E-02	1.84E-03	2.42E-02	2.38E-03	2.42E-02	2.38E-03	3.61E-02	3.42E-03	2.06E-02	1.97E-03	2.44E-04	2.60E-05	1.94E-02	1.84E-03	1.67E-04	1.78E-05	1.95E-02	1.85E-03	1.24E+00	1.55E-01	3.45E+00	2.68E-01
2647	Comercial/Industrial Workers	1.75E-02	1.80E-03	1.60E-05	1.64E-06	8.63E-03	8.88E-04	1.86E-02	1.91E-03	1.84E-02	1.90E-03	1.75E-02	1.80E-03	2.21E-02	2.27E-03	2.21E-02	2.27E-03	3.25E-02	3.34E-03	1.86E-02	1.91E-03	2.22E-04	2.28E-05	1.75E-02	1.80E-03	1.52E-04	1.56E-05	1.75E-02	1.80E-03	8.90E-01	1.24E-01	1.78E+00	1.63E-01
2648	School Tafe	1.65E-02	4.51E-03	2.38E-05	4.03E-06	8.76E-03	2.20E-03	1.81E-02	4.76E-03	1.79E-02	4.72E-03	1.64E-02	4.49E-03	2.33E-02	5.58E-03	2.33E-02	5.58E-03	3.06E-02	8.35E-03	1.81E-02	4.76E-03	3.30E-04	5.59E-05	1.65E-02	4.50E-03	2.26E-04	3.82E-05	1.65E-02	4.51E-03	1.06E+00	2.94E-01	1.45E+00	3.20E-01
2649	Residential	1.32E-02	2.95E-03	1.23E-05	3.14E-06	6.42E-03	1.49E-03	1.39E-02	3.16E-03	1.38E-02	3.13E-03	1.32E-02	2.94E-03	1.63E-02	3.85E-03	1.63E-02	3.85E-03	2.45E-02	5.46E-03	1.39E-02	3.16E-03	1.71E-04	4.35E-05	1.32E-02	2.94E-03	1.17E-04	2.98E-05	1.32E-02	2.95E-03	8.43E-01	2.78E-01	1.41E+00	2.98E-01
2650	Residential	1.76E-02	3.62E-03	1.96E-05	3.23E-06	8.91E-03	1.71E-03	1.89E-02	3.78E-03	1.87E-02	3.76E-03	1.75E-02	3.62E-03	2.32E-02	4.27E-03	2.32E-02	4.27E-03	3.25E-02	6.72E-03	1.89E-02	3.78E-03	2.71E-04	4.48E-05	1.75E-02	3.62E-03	1.86E-04	3.06E-05	1.76E-02	3.63E-03	1.13E+00	2.66E-01	1.31E+00	3.90E-01
2651	Residential	1.51E-02	3.13E-03	2.05E-05	3.24E-06	7.90E-03	1.53E-03	1.64E-02	3.31E-03	1.62E-02	3.28E-03	1.50E-02	3.12E-03	2.09E-02	3.88E-03	2.09E-02	3.88E-03	2.79E-02	5.80E-03	1.64E-02	3.31E-03	2.84E-04	4.49E-05	1.50E-02	3.12E-03	1.94E-04	3.07E-05	1.51E-02	3.13E-03	1.08E+00	2.25E-01	1.51E+00	3.52E-01
2652	Residential	1.23E-02	2.77E-03	1.62E-05	2.63E-06	6.33E-03	1.33E-03	1.33E-02	2.89E-03	1.32E-02	2.87E-03	1.22E-02	2.76E-03	1.66E-02	3.42E-03	1.66E-02	3.42E-03	2.27E-02	5.13E-03	1.33E-02	2.89E-03	2.24E-04	3.65E-05	1.23E-02	2.76E-03	1.53E-04	2.49E-05	1.23E-02	2.77E-03	8.32E-01	2.13E-01	1.52E+00	2.59E-01
2653	Residential	1.08E-02	2.61E-03	1.38E-05	2.49E-06	5.35E-03	1.29E-03	1.15E-02	2.78E-03	1.14E-02	2.75E-03	1.08E-02	2.60E-03	1.37E-02	3.32E-03	1.37E-02	3.32E-03	2.00E-02	4.83E-03	1.15E-02	2.78E-03	1.91E-04	3.45E-05	1.08E-02	2.60E-03	1.31E-04	2.36E-05	1.08E-02	2.61E-03	6.29E-01	1.91E-01	1.17E+00	2.61E-01
2654	Residential	1.24E-02	1.33E-03	1.26E-05	2.01E-06	6.10E-03	7.04E-04	1.30E-02	1.46E-03	1.29E-02	1.44E-03	1.24E-02	1.32E-03	1.58E-02	1.88E-03	1.58E-02	1.88E-03	2.30E-02	2.45E-03	1.30E-02	1.46E-03	1.75E-04	2.79E-05	1.24E-02	1.32E-03	1.20E-04	1.91E-05	1.24E-02	1.33E-03	6.38E-01	1.41E-01	1.32E+00	2.19E-01
2655	Residential	1.55E-02	1.63E-03	1.46E-05	1.28E-06	7.53E-03	7.88E-04	1.63E-02	1.71E-03	1.62E-02	1.70E-03	1.54E-02	1.62E-03	1.92E-02	2.00E-03	1.92E-02	2.00E-03	2.87E-02	3.02E-03	1.63E-02	1.71E-03	2.02E-04	1.78E-05	1.55E-02	1.63E-03	1.38E-04	1.22E-05	1.55E-02	1.63E-03	7.57E-01	9.20E-02	1.18E+00	1.47E-01
2656	Residential	1.63E-02	1.33E-03	1.64E-05	1.79E-06	8.07E-03	6.94E-04	1.74E-02	1.45E-03	1.72E-02	1.43E-03	1.63E-02	1.32E-03	2.07E-02	1.84E-03	2.07E-02	1.84E-03	3.03E-02	2.45E-03	1.74E-02	1.45E-03	2.27E-04	2.48E-05	1.63E-02	1.32E-03	1.55E-04	1.70E-05	1.64E-02	1.33E-03	8.58E-01	1.35E-01	1.34E+00	1.85E-01
2657	Residential	1.49E-02	9.98E-04	1.50E-05	1.39E-06	7.36E-03	5.26E-04	1.58E-02	1.09E-03	1.57E-02	1.08E-03	1.48E-02	9.92E-04	1.89E-02	1.40E-03	1.89E-02	1.40E-03	2.75E-02	1.85E-03	1.58E-02	1.09E-03	2.08E-04	1.93E-05	1.48E-02	9.95E-04	1.42E-04	1.32E-05	1.49E-02	9.99E-04	7.71E-01	1.05E-01	1.37E+00	1.86E-01
2658	Residential	1.19E-02	8.21E-04	1.15E-05	1.13E-06	5.90E-03	4.18E-04	1.27E-02	8.77E-04	1.25E-02	8.69E-04	1.18E-02	8.18E-04	1.52E-02	1.11E-03	1.52E-02	1.11E-03	2.20E-02	1.52E-03	1.27E-02	8.77E-04	1.60E-04	1.57E-05	1.19E-02	8.20E-04	1.09E-04	1.08E-05	1.19E-02	8.22E-04	7.16E-01	1.00E-01	1.38E+00	1.55E-01
2659	Residential	1.03E-02	9.06E-04	1.19E-05	1.03E-06	5.26E-03	4.55E-04	1.11E-02	9.70E-04	1.10E-02	9.61E-04	1.03E-02	9.02E-04	1.37E-02	1.18E-03	1.37E-02	1.18E-03	1.91E-02	1.68E-03	1.11E-02	9.70E-04	1.66E-04	1.43E-05	1.03E-02	9.04E-04	1.13E-04	9.76E-06	1.03E-02	9.06E-04	9.94E-01	1.22E-01	1.65E+00	2.11E-01
2660	Residential	9.84E-03	9.50E-04	1.36E-05	1.05E-06	4.79E-03	4.73E-04	1.02E-02	1.01E-03	1.02E-02	1.00E-03	9.82E-03	9.47E-04	1.26E-02	1.22E-03	1.26E-02	1.22E-03	1.83E-02	1.76E-03	1.02E-02	1.01E-03	1.89E-04	1.45E-05	9.83E-03	9.49E-04	1.29E-04	9.93E-06	9.85E-03	9.51E-04	1.03E+00	1.28E-01	1.70E+00	2.49E-01
2661	Residential	1.32E-02	1.06E-03	1.35E-05	1.09E-06	6.27E-03	5.31E-04	1.38E-02	1.14E-03	1.37E-02	1.13E-03	1.31E-02	1.06E-03	1.57E-02	1.37E-03	1.57E-02	1.37E-03	2.44E-02	1.97E-03	1.38E-02	1.14E-03	1.88E-04	1.52E-05	1.31E-02	1.06E-03	1.28E-04	1.04E-05	1.32E-02	1.06E-03	9.53E-01	1.17E-01	1.58E+00	2.54E-01
2662	Residential	1.68E-02	1.14E-03	1.41E-05	1.22E-06	8.18E-03	5.76E-04	1.77E-02	1.23E-03	1.76E-02	1.21E-03	1.67E-02	1.14E-03	2.08E-02	1.49E-03	2.08E-02	1.49E-03	3.10E-02	2.12E-03	1.77E-02	1.23E-03	1.96E-04	1.70E-05	1.67E-02	1.14E-03	1.34E-04	1.16E-05	1.68E-02	1.14E-03	8.37E-01	1.21E-01	1.71E+00	2.01E-01
2663	Residential	1.70E-02	1.13E-03	1.69E-05	1.32E-06	8.47E-03	5.78E-04	1.81E-02	1.22E-03	1.80E-02	1.21E-03	1.69E-02	1.13E-03	2.18E-02	1.51E-03	2.18E-02	1.51E-03	3.15E-02	2.10E-03	1.81E-02	1.22E-03	2.34E-04	1.83E-05	1.70E-02	1.13E-03	1.60E-04	1.25E-05	1.70E-02	1.13E-03	8.78E-01	1.09E-01	1.74E+00	1.80E-01
2664	Residential	1.59E-02	1.12E-03	1.71E-05	1.31E-06	8.01E-03	5.73E-04	1.70E-02	1.21E-03	1.69E-02	1.20E-03	1.58E-02	1.12E-03	2.08E-02	1.50E-03	2.08E-02	1.50E-03	2.94E-02	2.07E-03	1.70E-02	1.21E-03	2.37E-04	1.82E-05	1.59E-02	1.12E-03	1.62E-04	1.25E-05	1.59E-02	1.12E-03	8.35E-01	8.96E-02	1.61E+00	2.04E-01
2665	Residential	1.40E-02	1.07E-03	1.61E-05	1.27E-06	7.16E-03	5.49E-04	1.51E-02	1.16E-03	1.50E-02	1.14E-03	1.40E-02	1.07E-03	1.87E-02	1.43E-03	1.87E-02	1.43E-03	2.60E-02	1.98E-03	1.51E-02	1.16E-03	2.23E-04	1.76E-05	1.40E-02	1.07E-03	1.53E-04	1.20E-05	1.41E-02	1.07E-03	7.52E-01	9.55E-02	1.42E+00	2.02E-01
2666	Residential	1.14E-02	1.00E-03	1.41E-05	1.21E-06	5.90E-03	4.95E-04	1.24E-02	1.05E-03	1.22E-02	1.05E-03	1.14E-02	9.98E-04	1.55E-02	1.30E-03	1.55E-02	1.30E-03	2.12E-02	1.86E-03	1.24E-02	1.05E-03	1.96E-04	1.68E-05	1.14E-02	1.00E-03	1.34E-04	1.15E-05	1.14E-02	1.00E-03	6.86E-01	9.60E-02	1.49E+00	1.75E-01
2667	Residential	9.74E-03	1.16E-03	1.25E-05	1.11E-06	5.06E-03	5.65E-04	1.06E-02	1.23E-03	1.05E-02	1.22E-03	9.69E-03	1.16E-03	1.33E-02	1.43E-03	1.33E-02	1.43E-03	1.80E-02	2.15E-03	1.06E-02	1.23E-03	1.74E-04	1.54E-05	9.72E-03	1.16E-03	1.19E-04	1.05E-05	9.75E-03	1.16E-03	9.09E-01	8.62E-02	1.62E+00	1.41E-01
2668	Residential	9.48E-03	1.24E-03	1.16E-05	1.27E-06	4.59E-03	6.22E-04	9.99E-03	1.33E-03	9.92E-03	1.32E-03	9.45E-03	1.24E-03	1.16E-02	1.61E-03	1.16E-02	1.61E-03	1.76E-02	2.30E-03	9.99E-03	1.33E-03	1.61E-04	1.76E-05	9.47E-03	1.24E-03	1.10E-04	1.20E-05	9.49E-03	1.24E-03	7.59E-01	8.39E-02	1.30E+00	1.26E-01
2669	Residential	6.83E-03	1.09E-03	1.14E-05	1.54E-06	3.57E-03	5.77E-04	7.44E-03	1.20E-03	7.35E-03	1.18E-03	6.80E-03	1.09E-03	9.42E-03	1.53E-03	9.42E-03	1.53E-03	1.26E-02	2.02E-03	7.44E-03	1.20E-03	1.58E-04	2.13E-05	6.82E-03	1.09E-03	1.08E-04	1.46E-05	6.84E-03	1.09E-03	6.29E-01	8.65E-02	1.59E+00	1.32E-01
2670	Residential	1.00E-02	1.22E-03	1.25E-05	1.05E-06	4.63E-03	5.96E-04	1.04E-02	1.29E-03	1.03E-02	1.28E-03	1.00E-02	1.21E-03	1.14E-02	1.52E-03	1.14E-02	1.52E-03	1.86E-02	2.26E-03	1.04E-02	1.29E-03	1.74E-04	1.46E-05	1.00E-02	1.22E-03	1.19E-04	1.00E-05	1.00E-02	1.22E-03	6.97E-01	6.53E-02	1.11E+00	8.67E-02
2671	Residential	9.30E-03	1.07E-03	1.06E-05	9.12E-07	4.73E-03	5.15E-04	1.00E-02	1.12E-03	9.92E-03	1.11E-03	9.26E-03	1.07E-03	1.23E-02	1.30E-03	1.23E-02	1.30E-03	1.72E-02	1.98E-03	1.00E-02	1.12E-03	1.47E-04	1.27E-05	9.29E-03	1.07E-03	1.00E-04	8.66E-06	9.31E-03	1.07E-03	6.24E-01	7.22E-02	1.08E+00	1.28E-01
2672	Residential	1.09E-02	8.92E-04	1.24E-05	1.00E-06	5.56E-03	4.53E-04	1.18E-02	9.59E-04	1.17E-02	9.50E-04	1.09E-02	8.88E-04	1.45E-02	1.18E-03	1.45E-02	1.18E-03	2.03E-02	1.65E-03	1.18E-02	9.59E-04	1.71E-04	1.39E-05	1.09E-02	8.90E-04	1.17E-04	9.50E-06	1.09E-02	8.93E-04	5.91E-01	8.03E-02	1.17E+00	1.66E-01
2673	Residential	1.31E-02	9.75E-04	1.37E-05	1.06E-06	6.59E-03	4.93E-04	1.40E-02	1.05E-03	1.39E-02	1.04E-03	1.31E-02	9.71E-04	1.70E-02	1.28E-03	1.70E-02	1.28E-03	2.43E-02	1.81E-03	1.40E-02	1.05E-03	1.91E-04	1.47E-05	1.31E-02	9.74E-04	1.30E-04	1.01E-05	1.31E-02	9.76E-04	6.94E-01	7.92E-02	1.28E+00	1.74E-01
2674	Residential	1.39E-02	9.78E-04	1.36E-05	1.10E-06	6.93E-03	4.96E-04	1.49E-02	1.05E-03	1.47E-02	1.04E-03	1.39E-02	9.73E-04	1.78E-02	1.29E-03	1.78E-02	1.29E-03	2.58E-02	1.81E-03	1.49E-02	1.05E-03	1.89E-04	1.52E-05	1.39E-02	9.76E-04	1.29E-04	1.04E-05	1.39E-02	9.78E-04	7.11E-01	1.03E-01	1.34E+00	1.50E-01
2675	Residential	1.38E-02	9.79E-04	1.23E-05	1.18E-06	6.76E-03	4.94E-04	1.46E-02	1.05E-03	1.45E-02	1.04E-03	1.37E-02	9.75E-04	1.73E-02	1.28E-03	1.73E-02	1.28E-03	2.55E-02	1.81E-03	1.46E-02	1.05E-03	1.70E-04	1.64E-05	1.37E-02	9.78E-04	1.16E-04	1.12E-05	1.38E-02	9.80E-04	6.88E-01	1.14E-01	1.54E+00	2.05E-01
2676	Residential	1.23E-02	9.89E-04	1.23E-05	1.19E-06	5.91E-03	4.94E-04	1.29E-02	1.06E-03	1.28E-02	1.05E-03	1.22E-02	9.85E-04	1.49E-02	1.28E-03	1.49E-02	1.28E-03	2.27E-02	1.83E-03	1.29E-02	1.06E-03	1.70E-04	1.65E-05	1.23E-02	9.87E-04	1.17E-04	1.13E-05	1.23E-02	9.90E-04	7.28E-01	1.16E-01	1.96E+00	2.65E-01

Scenario 4 Results

2677	Residential	8.99E-03	8.83E-04	1.20E-05	1.16E-06	4.59E-03	4.60E-04	9.69E-03	9.61E-04	9.60E-03	9.50E-04	8.95E-03	8.79E-04	1.20E-02	1.22E-03	1.20E-02	1.22E-03	1.66E-02	1.63E-03	9.69E-03	9.61E-04	1.66E-04	1.61E-05	8.97E-03	8.81E-04	1.14E-04	1.10E-05	8.99E-03	8.84E-04	7.37E-01	1.20E-01	2.05E+00	2.41E-01
2678	Residential	9.23E-03	8.46E-04	1.06E-05	1.12E-06	4.70E-03	4.42E-04	9.94E-03	9.22E-04	9.84E-03	9.12E-04	9.19E-03	8.42E-04	1.23E-02	1.17E-03	1.23E-02	1.17E-03	1.71E-02	1.57E-03	9.94E-03	9.22E-04	1.47E-04	1.56E-05	9.21E-03	8.45E-04	1.01E-04	1.07E-05	9.23E-03	8.47E-04	7.15E-01	1.18E-01	1.71E+00	1.90E-01
2679	Residential	1.20E-02	9.45E-04	1.24E-05	1.14E-06	5.93E-03	4.86E-04	1.28E-02	1.02E-03	1.27E-02	1.01E-03	1.20E-02	9.41E-04	1.51E-02	1.27E-03	1.51E-02	1.27E-03	2.23E-02	1.75E-03	1.28E-02	1.02E-03	1.71E-04	1.59E-05	1.20E-02	9.43E-04	1.17E-04	1.08E-05	1.21E-02	9.46E-04	6.86E-01	8.71E-02	1.48E+00	1.81E-01
2680	Residential	1.39E-02	1.03E-03	1.51E-05	1.38E-06	6.86E-03	5.39E-04	1.48E-02	1.12E-03	1.47E-02	1.11E-03	1.39E-02	1.02E-03	1.75E-02	1.42E-03	1.75E-02	1.42E-03	2.58E-02	1.91E-03	1.48E-02	1.12E-03	2.09E-04	1.91E-05	1.39E-02	1.03E-03	1.43E-04	1.31E-05	1.39E-02	1.03E-03	7.23E-01	1.04E-01	1.22E+00	1.56E-01
2681	Residential	1.45E-02	1.23E-03	1.47E-05	1.64E-06	7.14E-03	6.43E-04	1.54E-02	1.34E-03	1.52E-02	1.33E-03	1.44E-02	1.22E-03	1.83E-02	1.70E-03	1.83E-02	1.70E-03	2.68E-02	2.28E-03	1.54E-02	1.34E-03	2.04E-04	2.27E-05	1.44E-02	1.23E-03	1.40E-04	1.56E-05	1.45E-02	1.23E-03	7.57E-01	1.16E-01	1.25E+00	1.64E-01
2682	Residential	1.46E-02	1.49E-03	1.37E-05	1.57E-06	7.17E-03	7.49E-04	1.55E-02	1.59E-03	1.54E-02	1.58E-03	1.46E-02	1.48E-03	1.83E-02	1.94E-03	1.83E-02	1.94E-03	2.71E-02	2.76E-03	1.55E-02	1.59E-03	1.90E-04	2.18E-05	1.46E-02	1.49E-03	1.30E-04	1.49E-05	1.46E-02	1.49E-03	7.72E-01	1.05E-01	1.55E+00	1.37E-01
2683	Residential	1.31E-02	1.46E-03	1.35E-05	1.24E-06	6.41E-03	7.05E-04	1.37E-02	1.54E-03	1.36E-02	1.53E-03	1.30E-02	1.46E-03	1.66E-02	1.78E-03	1.66E-02	1.78E-03	2.42E-02	2.72E-03	1.37E-02	1.54E-03	1.87E-04	1.72E-05	1.31E-02	1.46E-03	1.28E-04	1.18E-05	1.31E-02	1.47E-03	7.56E-01	8.50E-02	1.42E+00	1.44E-01
2684	Residential	1.05E-02	1.35E-03	1.19E-05	1.80E-06	5.34E-03	7.04E-04	1.13E-02	1.47E-03	1.12E-02	1.45E-03	1.05E-02	1.34E-03	1.39E-02	1.86E-03	1.39E-02	1.86E-03	1.95E-02	2.49E-03	1.13E-02	1.47E-03	1.64E-04	2.49E-05	1.05E-02	1.34E-03	1.13E-04	1.70E-05	1.05E-02	1.35E-03	6.34E-01	1.26E-01	1.16E+00	1.86E-01
2685	Residential	9.47E-03	2.38E-03	1.21E-05	2.29E-06	4.66E-03	1.18E-03	1.00E-02	2.54E-03	9.96E-03	2.51E-03	9.44E-03	2.37E-03	1.19E-02	3.04E-03	1.19E-02	3.04E-03	1.76E-02	4.41E-03	1.00E-02	2.54E-03	1.67E-04	3.18E-05	9.46E-03	2.38E-03	1.14E-04	2.17E-05	9.48E-03	2.38E-03	5.69E-01	1.69E-01	1.02E+00	2.16E-01
2686	Residential	1.10E-02	2.78E-03	1.30E-05	2.79E-06	5.64E-03	1.39E-03	1.19E-02	2.97E-03	1.18E-02	2.94E-03	1.10E-02	2.77E-03	1.47E-02	3.58E-03	1.47E-02	3.58E-03	2.04E-02	5.15E-03	1.19E-02	2.97E-03	1.80E-04	3.87E-05	1.10E-02	2.78E-03	1.23E-04	2.65E-05	1.10E-02	2.78E-03	7.01E-01	1.98E-01	1.31E+00	2.33E-01
2687	Residential	1.61E-02	4.01E-03	2.19E-05	3.54E-06	8.43E-03	1.94E-03	1.75E-02	4.23E-03	1.73E-02	4.20E-03	1.60E-02	4.00E-03	2.23E-02	4.92E-03	2.23E-02	4.92E-03	2.97E-02	7.44E-03	1.75E-02	4.23E-03	3.03E-04	4.91E-05	1.60E-02	4.01E-03	2.08E-04	3.36E-05	1.61E-02	4.02E-03	9.80E-01	2.56E-01	1.19E+00	2.65E-01
2688	Residential	1.59E-02	3.54E-03	1.88E-05	3.08E-06	8.12E-03	1.67E-03	1.71E-02	3.67E-03	1.70E-02	3.65E-03	1.58E-02	3.53E-03	2.12E-02	4.17E-03	2.12E-02	4.17E-03	2.94E-02	6.57E-03	1.71E-02	3.67E-03	2.60E-04	4.27E-05	1.58E-02	3.54E-03	1.78E-04	2.92E-05	1.59E-02	3.54E-03	1.02E+00	2.18E-01	1.15E+00	2.83E-01
2689	Residential	1.49E-02	3.25E-03	1.83E-05	2.63E-06	7.66E-03	1.54E-03	1.61E-02	3.39E-03	1.59E-02	3.37E-03	1.48E-02	3.24E-03	2.01E-02	3.85E-03	2.01E-02	3.85E-03	2.75E-02	6.02E-03	1.61E-02	3.39E-03	2.54E-04	3.65E-05	1.48E-02	3.24E-03	1.73E-04	2.50E-05	1.49E-02	3.25E-03	9.55E-01	1.94E-01	1.09E+00	2.18E-01
2690	Residential	1.52E-02	3.74E-03	2.03E-05	3.36E-06	7.95E-03	1.81E-03	1.66E-02	3.94E-03	1.64E-02	3.91E-03	1.51E-02	3.73E-03	2.10E-02	4.59E-03	2.10E-02	4.59E-03	2.81E-02	6.93E-03	1.66E-02	3.94E-03	2.82E-04	4.66E-05	1.52E-02	3.74E-03	1.93E-04	3.19E-05	1.52E-02	3.74E-03	9.30E-01	2.42E-01	1.11E+00	2.54E-01
2691	Residential	1.39E-02	3.36E-03	2.03E-05	3.38E-06	7.39E-03	1.67E-03	1.53E-02	3.58E-03	1.51E-02	3.55E-03	1.38E-02	3.35E-03	1.97E-02	4.27E-03	1.97E-02	4.27E-03	2.57E-02	6.23E-03	1.53E-02	3.58E-03	2.82E-04	4.69E-05	1.39E-02	3.36E-03	1.93E-04	3.21E-05	1.39E-02	3.37E-03	8.26E-01	2.33E-01	1.13E+00	3.08E-01
2692	Residential	1.27E-02	2.99E-03	1.76E-05	2.84E-06	6.45E-03	1.46E-03	1.36E-02	3.16E-03	1.35E-02	3.13E-03	1.26E-02	2.98E-03	1.68E-02	3.70E-03	1.68E-02	3.70E-03	2.35E-02	5.54E-03	1.36E-02	3.16E-03	2.43E-04	3.94E-05	1.27E-02	2.98E-03	1.67E-04	2.70E-05	1.27E-02	2.99E-03	8.09E-01	1.94E-01	1.29E+00	3.06E-01
2693	Residential	1.21E-02	2.90E-03	1.38E-05	3.09E-06	6.02E-03	1.46E-03	1.29E-02	3.11E-03	1.28E-02	3.08E-03	1.21E-02	2.89E-03	1.55E-02	3.79E-03	1.55E-02	3.79E-03	2.25E-02	5.38E-03	1.29E-02	3.11E-03	1.91E-04	4.29E-05	1.21E-02	2.90E-03	1.31E-04	2.93E-05	1.21E-02	2.91E-03	7.67E-01	2.02E-01	1.11E+00	2.34E-01
2694	Residential	9.47E-03	2.59E-03	1.20E-05	2.49E-06	4.91E-03	1.29E-03	1.03E-02	2.76E-03	1.02E-02	2.73E-03	9.42E-03	2.58E-03	1.29E-02	3.30E-03	1.29E-02	3.30E-03	1.75E-02	4.80E-03	1.03E-02	2.76E-03	1.66E-04	3.45E-05	9.45E-03	2.59E-03	1.14E-04	2.36E-05	9.48E-03	2.59E-03	6.02E-01	1.76E-01	1.02E+00	2.16E-01
2695	Residential	8.95E-03	1.90E-03	1.00E-05	2.14E-06	4.39E-03	9.55E-04	9.47E-03	2.04E-03	9.40E-03	2.02E-03	8.92E-03	1.90E-03	1.12E-02	2.47E-03	1.12E-02	2.47E-03	1.66E-02	3.52E-03	9.47E-03	2.04E-03	1.39E-04	2.97E-05	8.93E-03	1.90E-03	9.51E-05	2.03E-05	8.95E-03	1.90E-03	6.07E-01	1.43E-01	1.24E+00	1.88E-01
2696	Residential	1.09E-02	1.10E-03	1.23E-05	1.59E-06	5.53E-03	5.66E-04	1.17E-02	1.17E-03	1.16E-02	1.15E-03	1.08E-02	1.10E-03	1.44E-02	1.51E-03	1.44E-02	1.51E-03	2.01E-02	2.04E-03	1.17E-02	1.17E-03	1.70E-04	2.20E-05	1.09E-02	1.10E-03	1.17E-04	1.51E-05	1.09E-02	1.10E-03	7.15E-01	1.08E-01	1.26E+00	1.66E-01
2697	Residential	1.31E-02	1.50E-03	1.32E-05	1.29E-06	6.42E-03	7.33E-04	1.38E-02	1.58E-03	1.37E-02	1.57E-03	1.31E-02	1.49E-03	1.66E-02	1.87E-03	1.66E-02	1.87E-03	2.43E-02	2.78E-03	1.38E-02	1.58E-03	1.83E-04	1.78E-05	1.31E-02	1.50E-03	1.25E-04	1.22E-05	1.31E-02	1.50E-03	8.47E-01	7.89E-02	1.20E+00	1.01E-01
2698	Residential	1.39E-02	1.41E-03	1.31E-05	1.56E-06	6.83E-03	7.16E-04	1.48E-02	1.52E-03	1.46E-02	1.50E-03	1.39E-02	1.41E-03	1.74E-02	1.86E-03	1.74E-02	1.86E-03	2.58E-02	2.62E-03	1.48E-02	1.52E-03	1.82E-04	2.17E-05	1.39E-02	1.41E-03	1.24E-04	1.48E-05	1.40E-02	1.41E-03	7.39E-01	1.01E-01	1.42E+00	1.35E-01
2699	Residential	1.38E-02	1.10E-03	1.45E-05	1.52E-06	6.78E-03	5.79E-04	1.46E-02	1.20E-03	1.45E-02	1.19E-03	1.37E-02	1.10E-03	1.73E-02	1.54E-03	1.73E-02	1.54E-03	2.55E-02	2.04E-03	1.46E-02	1.20E-03	2.01E-04	2.11E-05	1.37E-02	1.10E-03	1.37E-04	1.45E-05	1.38E-02	1.10E-03	7.14E-01	1.10E-01	1.08E+00	1.57E-01
2700	Residential	1.30E-02	9.98E-04	1.41E-05	1.22E-06	6.40E-03	5.14E-04	1.38E-02	1.08E-03	1.37E-02	1.07E-03	1.30E-02	9.93E-04	1.64E-02	1.35E-03	1.64E-02	1.35E-03	2.41E-02	1.85E-03	1.38E-02	1.08E-03	1.96E-04	1.70E-05	1.30E-02	9.96E-04	1.34E-04	1.16E-05	1.30E-02	9.99E-04	6.66E-01	9.19E-02	1.33E+00	1.71E-01
2701	Residential	1.09E-02	9.32E-04	1.12E-05	1.15E-06	5.36E-03	4.81E-04	1.16E-02	1.01E-03	1.15E-02	9.99E-04	1.09E-02	9.28E-04	1.37E-02	1.26E-03	1.37E-02	1.26E-03	2.03E-02	1.73E-03	1.16E-02	1.01E-03	1.55E-04	1.59E-05	1.09E-02	9.31E-04	1.06E-04	1.09E-05	1.09E-02	9.33E-04	6.70E-01	9.15E-02	1.57E+00	1.68E-01
2702	Residential	9.12E-03	8.73E-04	9.41E-06	1.17E-06	4.46E-03	4.57E-04	9.65E-03	9.52E-04	9.57E-03	9.41E-04	9.09E-03	8.69E-04	1.14E-02	1.21E-03	1.14E-02	1.21E-03	1.69E-02	1.62E-03	9.65E-03	9.52E-04	1.31E-04	1.62E-05	9.11E-03	8.72E-04	8.93E-05	1.11E-05	9.12E-03	8.74E-04	6.36E-01	1.03E-01	1.49E+00	1.29E-01
2703	Residential	8.85E-03	8.81E-04	9.57E-06	1.16E-06	4.47E-03	4.59E-04	9.49E-03	9.59E-04	9.40E-03	9.48E-04	8.81E-03	8.76E-04	1.16E-02	1.21E-03	1.16E-02	1.21E-03	1.64E-02	1.63E-03	9.49E-03	9.59E-04	1.33E-04	1.61E-05	8.83E-03	8.79E-04	9.08E-05	1.10E-05	8.85E-03	8.81E-04	7.06E-01	1.12E-01	1.51E+00	1.71E-01
2704	Residential	9.16E-03	8.99E-04	1.09E-05	1.16E-06	4.61E-03	4.68E-04	9.81E-03	9.78E-04	9.72E-03	9.67E-04	9.12E-03	8.95E-04	1.19E-02	1.23E-03	1.19E-02	1.23E-03	1.70E-02	1.67E-03	9.81E-03	9.78E-04	1.51E-04	1.61E-05	9.14E-03	8.98E-04	1.04E-04	1.10E-05	9.16E-03	9.00E-04	6.33E-01	1.13E-01	1.99E+00	2.12E-01
2705	Residential	9.34E-03	9.07E-04	1.18E-05	1.22E-06	4.48E-03	4.75E-04	9.79E-03	9.90E-04	9.73E-03	9.78E-04	9.31E-03	9.03E-04	1.13E-02	1.26E-03	1.13E-02	1.26E-03	1.73E-02	1.68E-03	9.79E-03	9.90E-04	1.64E-04	1.69E-05	9.33E-03	9.06E-04	1.12E-04	1.15E-05	9.34E-03	9.08E-04	6.93E-01	1.08E-01	2.01E+00	2.64E-01
2706	Residential	1.13E-02	9.15E-04	1.11E-05	1.20E-06	5.48E-03	4.62E-04	1.19E-02	9.77E-04	1.18E-02	9.68E-04	1.13E-02	9.12E-04	1.39E-02	1.22E-03	1.39E-02	1.22E-03	2.09E-02	1.70E-03	1.19E-02	9.77E-04	1.54E-04	1.66E-05	1.13E-02	9.14E-04	1.06E-04	1.14E-05	1.13E-02	9.16E-04	6.04E-01	1.10E-01	1.98E+00	2.54E-01
2707	Residential	1.23E-02	9.15E-04	1.07E-05	1.20E-06	6.03E-03	4.60E-04	1.30E-02	9.80E-04	1.29E-02	9.71E-04	1.23E-02	9.11E-04	1.54E-02	1.20E-03	1.54E-02	1.20E-03	2.28E-02	1.69E-03	1.30E-02	9.80E-04	1.49E-04	1.66E-05	1.23E-02	9.13E-04	1.02E-04	1.14E-05	1.23E-02	9.15E-04	6.10E-01	1.10E-01	1.74E+00	2.19E-01
2708	Residential	1.30E-02	9.09E-04	1.23E-05	1.14E-06	6.43E-03	4.61E-04	1.38E-02	9.78E-04	1.37E-02	9.68E-04	1.29E-02	9.06E-04	1.65E-02	1.20E-03	1.65E-02	1.20E-03	2.40E-02	1.68E-03	1.38E-02	9.78E-04	1.70E-04	1.58E-05	1.30E-02	9.08E-04	1.17E-04	1.08E-05	1.30E-02	9.10E-04	6.55E-01	1.04E-01	1.28E+00	1.58E-01
2709	Residential	1.27E-02	9.25E-04	1.30E-05	1.01E-06	6.34E-03	4.67E-04	1.35E-02	9.93E-04	1.34E-02	9.83E-04	1.26E-02	9.21E-04	1.64E-02	1.21E-03	1.64E-02	1.21E-03	2.34E-02	1.71E-03	1.35E-02	9.93E-04	1.80E-04	1.40E-05	1.26E-02	9.23E-04	1.23E-04	9.54E-06	1.27E-02	9.25E-04	6.53E-01	8.30E-02	1.19E+00	1.56E-01
2710	Residential	1.05E-02	8.42E-04	1.16E-05	9.40E-07	5.33E-03	4.27E-04	1.13E-02	9.06E-04	1.12E-02	8.97E-04	1.05E-02	8.39E-04	1.38E-02	1.11E-03	1.38E-02	1.11E-03	1.95E-02	1.56E-03	1.13E-02	9.06E-04	1.61E-04	1.30E-05	1.05E-02	8.41E-04	1.10E-04	8.92E-06	1.05E-02	8.43E-04	5.82E-01	7.46E-02	1.09E+00	1.56E-01
2711	Residential	8.94E-03	1.01E-03	9.89E-06	8.62E-07	4.53E-03	4.86E-04	9.61E-03	1.06E-03	9.51E-03	1.05E-03	8.90E-03	1.01E-03	1.18E-02	1.23E-03	1.18E-02	1.23E-03	1.66E-02	1.87E-03	9.61E-03	1.06E-03	1.37E-04	1.20E-05	8.92E-03	1.01E-03	9.39E-05	8.18E-06	8.95E-03	1.01E-03	5.45E-01	6.79E-02	9.21E-01	1.22E-01
2712	Residential	9.02E-03	1.13E-03	1.18E-05	8.88E-07	4.37E-03	5.45E-04	9.19E-03	1.19E-03	9.17E-03	1.18E-03	9.01E-03	1.12E-03	1.16E-02	1.38E-03	1.16E-02	1.38E-03	1.67E-02	2.09E-03	9.19E-03	1.19E-03	1.64E-04	1.23E-05	9.01E-03	1.12E-03	1.12E-04	8.43E-06	9.02E-03	1.13E-03	6.18E-01	5.78E-02	1.02E+00	9.47E-02
2713	Residential	1.04E-02	1.09E-03	1.40E-05	1.30E-06	5.45E-03	5.32E-04	1.14E-02	1.15E-03	1.12E-02	1.14E-03	1.04E-02	1.09E-03	1.44E-02	1.35E-03	1.44E-02	1.35E-03	1.93E-02	2.02E-03	1.14E-02	1.15E-03	1.94E-04	1.80E-05	1.04E-02	1.09E-03	1.32E-04	1.23E-05	1.04E-02	1.09E-03	9.49E-01	9.77E-02	1.90E+00	1.56E-01
2714	Residential	9.34E-03	1.23E-03	1.33E-05	1.14E-06	4.49E-03	6.09E-04	9.62E-03	1.31E-03	9.58E-03	1.30E-03	9.33E-03	1.23E-03	1.21E-02	1.56E-03	1.21E-02	1.56E-03	1.73E-02	2.28E-03	9.62E-03	1.31E-03	1.85E-04	1.58E-05	9.33E-03	1.23E-03	1.26E-04	1.08E-05	9.34E-03	1.23E-03	1.03E+00	8.79E-02	1.57E+00	1.30E-01
2715	Residential	7.52E-03	1.14E-03	1.00E-05	1.43E-06	3.92E-03	5.91E-04	8.18E-03	1.24E-03	8.09E-03	1.23E-03	7.48E-03	1.14E-03	1.03E-02	1.55E-03	1.03E-02	1.55E-03	1.39E-02	2.11E-03	8.18E-03	1.24E-03	1.39E-04	1.99E-05	7.50E-03	1.14E-03	9.52E-05	1.36E-05	7.52E-03	1.14E-03	8.02E-01	9.74E-02	1.90E+00	1.48E-01
2716	Residential	7.22E-03	9.78E-04	1.29E-05	1.70E-06	3.69E-03	5.39E-04	7.79E-03	1.09E-03	7.71E-03	1.08E-03	7.19E-03	9.71E-04	9.64E-03	1.46E-03	9.64E-03	1.46E-03	1.34E-02	1.81E-03	7.79E-03	1.09E-03	1.79E-04	2.36E-05	7.21E-03	9.75E-04	1.23E-04	1.61E-05	7.23E-03	9.79E-04	6.55E-01	9.79E-02	1.81E+00	1.61E-01
2717	Residential	7.09E-03	8.82E-04	1.22E-05	1.80E-06	3.59E-03	5.05E-04	7.61E-03	1.00E-03	7.54E-03	9.87E-04	7.06E-03	8.75E-04	9.32E-03	1.40E-03	9.32E-03	1.40E-03	1.31E-02	1.63E-03	7.61E-03	1.00E-03	1.70E-04	2.50E-05	7.08E-03	8.79E-04	1.16E-04	1.71E-05	7.09E-03	8.83E-04	6.74E-01	9.88E-02	1.48E+00	1.76E-01
2718	Residential	8.28E-03	9.30E-04	8.78E-06	1.54E-06	4.17E-03	4.59E-04	8.87E-03	9.88E-04	8.79E-03	9.80E-04	8.25E-03	9.27E-04	1.08E-02	1.22E-03	1.08E-02	1.22E-03	1.53E-02	1.72E-03	8.87E-03	9.88E-04	1.22E-04	2.13E-05	8.27E-03	9.29E-04	8.34E-05	1.46E-05	8.29E-03	9.31E-04	6.40E-01	1.39E-01	1.43E+00	2.70E-01
2719	Residential	7.54E-03	8.06E-04	9.61E-06	1.78E-06	3.79E-03	4.72E-04	8.08E-03	9.27E-04	8.00E-03	9.10E-04	7.52E-03	8.00E-04	9.80E-03	1.32E-03	9.80E-03	1.32E-03	1.40E-02	1.49E-03	8.08E-03	9.27E-04	1.33E-04	2.47E-05	7.53E-03	8.04E-04	9.12E-05	1.69E-05	7.55E-03	8.08E-04	7.50E-01	1.27E-01	1.56E+00	2.53E-01
2720	Residential	7.91E-03	8.15E-04	1.14E-05	1.84E-06	3.91E-03	4.79E-04	8.40E-03	9.39E-04	8.33E-03	9.22E-04	7.88E-03	8.08E-04	1.02E-02	1.34E-03	1.02E-02	1.34E-03	1.47E-02	1.50E-03	8.40E-03	9.39E-04	1.58E-04	2.55E-05	7.90E-03	8.12E-04	1.08E-04	1.75E-05	7.91E-03	8.16E-04	8.52E-01	1.28E-01	1.70E+00	2.51E-01
2721	Residential	8.33E-03	8.48E-04	1.29E-05	1.76E-06	4.17E-03	4.88E-04	8.84E-03	9.67E-04	8.77E-03	9.50E-04	8.30E-03	8.42E-04	1.09E-02	1.35E-03	1.09E-02	1.35E-03	1.54E-02	1.57E-03	8.84E-03	9.67E-04	1.79E-04	2.44E-05	8.32E-03	8.46E-04	1.22E-04	1.67E-05	8.34E-03	8.50E-04	9.17E-01	1.23E-01	1.81E+00	2.27E-01
2722	Residential	8.66E-03	8.63E-04	1.25E-05	1.56E-06	4.38E-03	4.80E-04	9.20E-03	9.68E-04	9.12E-03	9.54E-04	8.63E-03	8.57E-04	1.15E-02	1.31E-03	1.15E-02	1.31E-03	1.60E-02	1.60E-03	9.20E-03	9.68E-04	1.74E-04	2.17E-05	8.65E-03	8.61E-04	1.19E-04	1.48E-05	8.67E-03	8.64E-04	9.30E-01	1.24E-01	2.21E+00	2.16E-01
2723	Residential	1.66E-02	1.03E-03	1.80E-05	1.84E-06	8.40E-03	5.36E-04	1.79E-02	1.12E-03	1.77E-02	1.11E-03	1.66E-02	1.03E-03	2.18E-02	1.41E-03	2.18E-02	1.41E-03	3.08E-02	1.91E-03	1.79E-02	1.12E-03	2.50E-04	2.55E-05	1.66E-02	1.03E-03	1.71E-04	1.74E-05	1.67E-02	1.03E-03	1.19E+00	1.15E-01	2.75E+00	1.93E-01
2724	Residential	8.01E-03	1.51E-03	1.09E-05	1.78E-06	3.70E-03	7.61E-04	8.26E-03	1.62E-03	8.23E-03	1.60E-03	7.99E-03	1.50E-03	9.48E-03	1.98E-03	9.48E-03	1.98E-03	1.49E-02	2.79E-03	8.26E-03	1.62E-03	1.51E-04	2.47E-05	8.00E-03	1.51E-03	1.03E-04	1.69E-05	8.01E-03	1.51E-03	7.69E-01	2.14E-01	8.25E-01	1.95E-01
2725	Residential	9.07E-03	1.32E-03	1.09E-05	1.26E-06	4.66E-03	6.55E-04	9.80E-03	1.40E-03	9.70E-03	1.39E-03	9.03E-03	1.31E-03	1.22E-02	1.68E-03	1.22E-02	1.68E-03	1.68E-02	2.44E-03	9.80E-03	1.40E-03	1.51E-04	1.75E-05	9.05E-03	1.32E-03	1.03E-04	1.20E-05	9.08E-03	1.32E-03	9.90E-01	1.49E-01	1.57E+00	1.20E-01
2726	Residential	1.13E-02	1.15E-03	1.09E-05	9.67E-07	5.63E-03	5.63E-04	1.21E-02	1.22E-03	1.20E-02	1.21E-03	1.13E-02	1.15E-03	1.45E-02	1.43E-03	1.45E-02	1.43E-03	2.10E-02	2.14E-03	1.21E-02	1.22E-03	1.51E-04	1.34E-05	1.13E-02	1.15E-03	1.03E-04	9.17E-06	1.14E-02	1.15E-03	7.93E-01	1.28E-01	1.19E+00	1.50E-01
2727	Residential	9.94E-03	8.51E-04	9.35E-06	8.51E-07	4.92E-03	4.15E-04	1.06E-02	8.99E-04	1.05E-02	8.92E-04	9.90E-03	8.49E-04	1.26E-02	1.05E-03	1.26E-02	1.05E-03	1.84E-02	1.58E-03	1.06E-02	8.99E-04	1.30E-04	1.18E-05	9.92E-03	8.50E-04	8.87E-05	8.08E-06	9.94E-03	8.52E-04	7.79E-01	1.11E-01	1.19E+00	1.41E-01
2728	Residential	7.20E-03	1.28E-03	7.17E-06	1.37E-06	3.55E-03	6.44E-04	7.65E-03	1.37E-03	7.58E-03	1.36E-03	7.17E-03	1.27E-03	9.10E-03	1.67E-03	9.10E-03	1.67E-03	1.33E-02	2.36E-03	7.65E-03	1.37E-03	9.95E-05	1.90E-05	7.19E-03	1.27E-03	6.80E-05	1.30E-05	7.20E-03	1.28E-03	8.55E-01	1.23E-01	1.80E+00	1.11E-01
2729	Residential	8.01E-03	1.69E-03	7.93E-06	1.57E-06	3.99E-03	8.34E-04	8.54E-03	1.79E-03	8.47E-03	1.78E-03	7.98E-03	1.68E-03	1.03E-02	2.14E-03	1.03E-02	2.14E-03	1.48E-02	3.13E-03	8.54E-03	1.79E-03	1.10E-04	2.17E-05	7.99E-03	1.69E-03	7.52E-05	1.49E-05	8.01E-03	1.69E-03	6.03E-01	1.76E-01	2.23E+00	1.86E-01
2730	Residential	9.88E-03	1.71E-03	9.93E-06	1.56E-06	4.94E-03	8.44E-04	1.06E-02	1.82E-03	1.05E-02	1.80E-03	9.84E-03	1.71E-03	1.27E-02	2.16E-03	1.27E-02	2.16E-03	1.83E-02	3.18E-03	1.06E-02	1.82E-03	1.38E-04	2.16E-05	9.87E-03	1.71E-03	9.43E-05	1.48E-05	9.89E-03	1.71E-03	5.03E-01	1.66E-01	1.78E+00	1.85E-01
2731	Residential	7.79E-03	1.76E-03	1.10E-05	2.20E-06	3.90E-03	9.08E-04	8.33E-03	1.90E-03	8.25E-03	1.88E-03	7.76E-03	1.75E-03	1.01E-02	2.39E-03	1.01E-02	2.39E-03	1.44E-02	3.25E-03	8.33E-03	1.90E-03	1.53E-04	3.06E-05	7.78E-03	1.75E-03	1.04E-04	2.09E-05	7.79E-03	1.76E-03	7.26E-01	1.55E-01	1.05E+00	1.77E-01
2732	Residential	7.56E-03	1.97E-03	1.09E-05	2.79E-06	4.01E-03	1.04E-03	8.29E-03	2.16E-03	8.19E-03	2.14E-03	7.52E-03	1.96E-03	1.07E-02	2.77E-03	1.07E-02	2.77E-03	1.40E-02	3.65E-03	8.29E-03	2.16E-03	1.51E-04	3.87E-05	7.54E-03	1.97E-03	1.04E-04	2.65E-05	7.56E-03	1.98E-03	7.17E-01	1.85E-01	1.52E+00	1.81E-01
2733	Residential	7.45E-03	1.34E-03	1.23E-05	1.69E-06	3.99E-03	6.85E-04	8.22E-03	1.44E-03	8.11E-03	1.43E-03	7.41E-03	1.33E-03	1.07E-02	1.79E-03	1.07E-02	1.79E-03	1.38E-02	2.48E-03	8.22E-03	1.44E-03	1.71E-04	2.34E-05	7.43E-03	1.34E-03	1.17E-04	1.60E-05	7.46E-03	1.34E-03	6.82E-01	1.55E-01	8.00E-01	1.83E-01
2734	Residential	7.69E-03	1.43E-03	1.00E-05	2.20E-06	3.78E-03	7.24E-04	8.15E-03	1.54E-03	8.09E-03	1.52E-03	7.67E-03	1.43E-03	9.64E-03	1.88E-03	9.64E-03	1.88E-03	1.43E-02	2.65E-03	8.15E-03	1.54E-03	1.39E-04	3.06E-05	7.68E-03	1.43E-03	9.54E-05	2.09E-05	7.70E-03	1.43E-03	7.28E-01	2.28E-01	9.50E-01	2.48E-01
2735	Residential	7.11E-03	1.39E-03	1.21E-05	1.71E-06	3.72E-03	7.01E-04	7.71E-03	1.49E-03	7.62E-03	1.47E-03	7.07E-03	1.38E-03	1.00E-02	1.82E-03	1.00E-02	1.82E-03	1.32E-02	2.57E-03	7.71E-03	1.49E-03	1.68E-04	2.38E-05	7.10E-03	1.38E-03	1.15E-04	1.63E-05	7.12E-03	1.39E-03	7.46E-01	1.44E-01	9.18E-01	2.31E-01
2736	Residential	7.61E-03	1.80E-03	9.70E-06	2.26E-06	3.89E-03	9.29E-04	8.22E-03	1.95E-03	8.13E-03	1.93E-03	7.58E-03	1.79E-03	1.02E-02	2.44E-03	1.02E-02	2.44E-03	1.41E-02	3.32E-03	8.22E-03	1.95E-03	1.35E-04	3.13E-05	7.60E-03	1.79E-03	9.21E-05	2.14E-05	7.62E-03	1.80E-03	7.02E-01	1.58E-01	1.32E+00	1.78E-01
2737	Residential	7.60E-03	1.99E-03	9.49E-06	2.56E-06	3.68E-03	1.01E-03	7.98E-03	2.15E-03	7.93E-03	2.13E-03	7.58E-03	1.99E-03	9.74E-03	2.64E-03	9.74E-03	2.64E-03	1.41E-02	3.69E-03	7.98E-03	2.15E-03	1.32E-04	3.56E-05	7.59E-03	1.99E-03	9.01E-05	2.43E-05	7.61E-03	2.00E-03	6.90E-01	1.56E-01	1.49E+00	1.90E-01
2738	Residential	6.58E-03	1.65E-03	1.04E-05	2.53E-06	3.37E-03	8.78E-04	7.10E-03	1.80E-03	7.03E-03	1.78E-03	6.55E-03	1.65E-03	9.06E-03	2.36E-03	9.06E-03	2.36E-03	1.22E-02	3.06E-03	7.10E-03	1.80E-03	1.44E-04	3.51E-05	6.57E-03	1.65E-03	9.84E-05	2.40E-05	6.58E-03	1.66E-03	6.71E-01	2.26E-01	6.87E-01	2.17E-01
2739	Residential	7.64E-03	1.46E-03	1.03E-05	2.01E-06	4.00E-03	7.66E-04	8.33E-03	1.60E-03	8.23E-03	1.58E-03	7.60E-03	1.46E-03	1.06E-02	2.03E-03	1.06E-02	2.03E-03	1.41E-02	2.71E-03	8.33E-03	1.60E-03	1.43E-04	2.79E-05	7.62E-03	1.46E-03	9.77E-05	1.91E-05	7.64E-03	1.47E-03	9.40E-01	1.91E-01	7.43E-01	2.52E-01
2740	Residential	7.93E-03	1.50E-03	9.46E-06	2.06E-06	3.93E-03	7.88E-04	8.40E-03	1.64E-03	8.33E-03	1.62E-03	7.91E-03	1.49E-03	1.03E-02	2.09E-03	1.03E-02	2.09E-03	1.47E-02	2.77E-03	8.40E-03	1.64E-03	1.31E-04	2.86E-05	7.92E-03	1.50E-03	8.98E-05	1.96E-05	7.94E-03	1.50E-03	6.48E-01	1.50E-01	1.15E+00	2.15E-01
2741	Residential	8.34E-03	1.63E-03	1.09E-05	2.05E-06	4.10E-03	8.38E-04	8.85E-03	1.76E-03	8.78E-03	1.74E-03	8.31E-03	1.62E-03	1.05E-02	2.19E-03	1.05E-02	2.19E-03	1.55E-02	3.02E-03	8.85E-03	1.76E-03	1.52E-04	2.84E-05	8.33E-03	1.63E-03	1.04E-04	1.94E-05	8.35E-03	1.63E-03	6.22E-01	1.55E-01	1.17E+00	1.77E-01
2742	Residential	8.44E-03	1.72E-03	9.90E-06	2.29E-06	4.17E-03	8.98E-04	8.97E-03	1.87E-03	8.89E-03	1.85E-03	8.41E-03	1.71E-03	1.07E-02	2.37E-03	1.07E-02	2.37E-03	1.56E-02	3.18E-03	8.97E-03	1.87E-03	1.37E-04	3.18E-05	8.43E-03	1.71E-03	9.40E-05	2.17E-05	8.44E-03	1.72E-03	6.55E-01	1.43E-01	1.28E+00	1.79E-01
2743	Residential	8.26E-03	1.63E-03	9.51E-06	2.22E-06	4.08E-03	8.41E-04	8.77E-03	1.77E-03	8.70E-03	1.75E-03	8.23E-03	1.63E-03	1.05E-02	2.23E-03	1.05E-02	2.23E-03	1.53E-02	3.03E-03	8.77E-03	1.77E-03	1.32E-04	3.08E-05	8.25E-03	1.63E-03	9.02E-05	2.11E-05	8.26E-03	1.64E-03	6.79E-01	1.66E-01	1.72E+00	1.73E-01
2744	Residential	8.13E-03	1.94E-03	1.10E-05	2.56E-06	4.20E-03	1.01E-03	8.74E-03	2.12E-03	8.64E-03	2.09E-03	8.11E-03	1.93E-03	1.11E-02	2.68E-03	1.11E-02	2.68E-03	1.51E-02	3.60E-03	8.74E-03	2.12E-03	1.52E-04	3.55E-05	8.12E-03	1.94E-03	1.04E-04	2.43E-05	8.14E-03	1.95E-03	6.13E-01	1.74E-01	1.71E+00	1.74E-01
2745	Residential	8.01E-03	2.02E-03	1.01E-05	2.79E-06	3.95E-03	1.06E-03	8.50E-03	2.21E-03	8.43E-03	2.18E-03	7.98E-03	2.01E-03	1.03E-02	2.82E-03	1.03E-02	2.82E-03	1.48E-02	3.74E-03	8.50E-03	2.21E-03	1.40E-04	3.88E-05	8.00E-03	2.01E-03	9.60E-05	2.65E-05	8.02E-03	2.02E-03	6.37E-01	1.65E-01	2.03E+00	1.82E-01
2746	Residential	7.75E-03	1.84E-03	8.97E-06	2.51E-06	3.81E-03	9.59E-04	8.22E-03	2.00E-03	8.15E-03	1.98E-03	7.73E-03	1.83E-03	9.74E-03	2.53E-03	9.74E-03	2.53E-03	1.44E-02	3.41E-03	8.22E-03	2.00E-03	1.24E-04	3.49E-05	7.74E-03	1.84E-03	8.51E-05	2.38E-05	7.76E-03	1.84E-03	5.88E-01	1.70E-01	1.84E+00	1.92E-01
2747	Residential	7.28E-03	1.73E-03	7.81E-06	2.20E-06	3.58E-03	8.95E-04	7.71E-03	1.87E-03	7.65E-03	1.85E-03	7.25E-03	1.72E-03	9.13E-03	2.36E-03	9.13E-03	2.36E-03	1.35E-02	3.20E-03	7.71E-03	1.87E-03	1.08E-04	3.05E-05	7.27E-03	1.72E-03	7.41E-05	2.09E-05	7.28E-03	1.73E-03	5.87E-01	1.61E-01	1.88E+00	1.83E-01
2748	Residential	6.52E-03	1.49E-03	7.53E-06	1.86E-06	3.20E-03	7.68E-04	6.91E-03	1.61E-03	6.85E-03	1.60E-03	6.50E-03	1.48E-03	8.16E-03	2.01E-03	8.16E-03	2.01E-03	1.21E-02	2.76E-03	6.91E-03	1.61E-03	1.04E-04	2.59E-05	6.51E-03	1.49E-03	7.14E-05	1.77E-05	6.52E-03	1.49E-03	8.01E-01	1.67E-01	1.80E+00	1.90E-01
2749	Residential	6.00E-03	1.58E-03	7.03E-06	1.91E-06	3.05E-03	8.12E-04	6.46E-03	1.71E-03	6.39E-03	1.69E-03	5.98E-03	1.57E-03	7.93E-03	2.13E-03	7.93E-03	2.13E-03	1.11E-02	2.93E-03	6.46E-03	1.71E-03	9.75E-05	2.65E-05	5.99E-03	1.58E-03	6.67E-05	1.81E-05	6.01E-03	1.58E-03	7.00E-01	1.69E-01	1.86E+00	2.03E-01
2750	Residential	6.38E-03	1.64E-03	7.24E-06	1.98E-06	3.24E-03	8.43E-04	6.86E-03	1.78E-03	6.80E-03	1.76E-03	6.35E-03	1.63E-03	8.45E-03	2.21E-03	8.45E-03	2.21E-03	1.18E-02	3.04E-03	6.86E-03	1.78E-03	1.00E-04	2.75E-05	6.36E-03	1.64E-03	6.87E-05	1.88E-05	6.38E-03	1.64E-03	6.12E-01	1.65E-01	1.56E+00	2.24E-01
2751	Residential	6.14E-03	1.64E-03	7.53E-06	2.08E-06	3.14E-03	8.43E-04	6.63E-03	1.77E-03	6.56E-03	1.76E-03	6.11E-03	1.63E-03	8.21E-03	2.21E-03	8.21E-03	2.21E-03	1.14E-02	3.04E-03	6.63E-03	1.77E-03	1.04E-04	2.89E-05	6.13E-03	1.64E-03	7.15E-05	1.98E-05	6.14E-03	1.64E-03	8.39E-01	1.39E-01	1.39E+00	2.51E-01
2752	Residential	8.87E-03	1.50E-03	6.73E-06	1.94E-06	3.80E-03	7.68E-04	8.87E-03	1.62E-03	8.87E-03	1.60E-03	8.87E-03	1.49E-03	8.87E-03	2.01E-03	8.87E-03	2.01E-03	1.65E-02	2.78E-03	8.87E-03	1.62E-03	9.34E-05	2.69E-05	8.87E-03	1.50E-03	6.39E-05	1.84E-05	8.87E-03	1.50E-03	9.90E-01	1.17E-01	1.14E+00	2.33E-01
2753	Residential	1.08E-02	1.40E-03	7.07E-06	1.81E-06	4.62E-03	7.16E-04	1.08E-02	1.51E-03	1.08E-02	1.50E-03	1.08E-02	1.40E-03	1.08E-02	1.87E-03	1.08E-02	1.87E-03	2.00E-02	2.60E-03	1.08E-02	1.51E-03	9.80E-05	2.51E-05	1.08E-02	1.40E-03	6.71E-05	1.72E-05	1.08E-02	1.41E-03	9.85E-01	1.15E-01	1.11E+00	2.17E-01
2754	Residential	1.48E-02	1.32E-03	8.00E-06	1.33E-06	6.36E-03	6.02E-04	1.48E-02	1.35E-03	1.48E-02	1.35E-03	1.48E-02	1.31E-03	1.48E-02	1.47E-03	1.48E-02	1.47E-03	2.76E-02	2.44E-03	1.48E-02	1.35E-03	1.11E-04	1.84E-05	1.48E-02	1.31E-03	7.59E-05	1.26E-05	1.48E-02	1.32E-03	9.33E-01	1.03E-01	1.76E+00	1.81E-01
2755	Residential	1.41E-02	1.33E-03	1.30E-05	1.06E-06	6.04E-03	6.04E-04	1.41E-02	1.36E-03	1.41E-02	1.36E-03	1.41E-02	1.33E-03	1.41E-02	1.47E-03	1.41E-02	1.47E-03	2.62E-02	2.46E-03	1.41E-02	1.36E-03	1.80E-04	1.47E-05	1.41E-02	1.33E-03	1.23E-04	1.01E-05	1.41E-02	1.33E-03	9.35E-01	9.28E-02	1.93E+00	1.70E-01
2756	Residential	1.19E-02	1.22E-03	1.76E-05	1.25E-06	5.19E-03	5.51E-04	1.19E-02	1.25E-03	1.19E-02	1.24E-03	1.19E-02	1.22E-03	1.43E-02	1.34E-03	1.43E-02	1.34E-03	2.20E-02	2.26E-03	1.19E-02	1.25E-03	2.45E-04	1.74E-05	1.19E-02	1.22E-03	1.67E-04	1.19E-05	1.19E-02	1.22E-03	9.47E-01	8.92E-02	1.90E+00	1.55E-01
2757	Residential	1.51E-02	1.04E-03	2.29E-05	1.62E-06	8.09E-03	5.61E-04	1.67E-02	1.15E-03	1.64E-02	1.14E-03	1.50E-02	1.04E-03	2.17E-02	1.51E-03	2.17E-02	1.51E-03	2.80E-02	1.93E-03	1.67E-02	1.15E-03	3.17E-04	2.25E-05	1.51E-02	1.04E-03	2.17E-04	1.54E-05	1.51E-02	1.04E-03	9.58E-01	9.58E-02	1.70E+00	1.36E-01
2758	Residential	2.00E-02	1.37E-03	2.51E-05	1.81E-06	1.03E-02	7.13E-04	2.17E-02	1.49E-03	2.14E-02	1.47E-03	1.99E-02	1.36E-03	2.72E-02	1.88E-03	2.72E-02	1.88E-03	3.70E-02	2.53E-03	2.17E-02	1.49E-03	3.49E-04	2.51E-05	1.99E-02	1.36E-03	2.38E-04	1.72E-05	2.00E-02	1.37E-03	9.39E-01	1.01E-01	1.43E+00	1.45E-01
2759	Residential	2.30E-02	1.58E-03	2.47E-05	1.81E-06	1.16E-02	8.04E-04	2.47E-02	1.70E-03	2.45E-02	1.68E-03	2.29E-02	1.57E-03	3.01E-02	2.10E-03	3.01E-02	2.10E-03	4.26E-02	2.92E-03	2.47E-02	1.70E-03	3.43E-04	2.51E-05	2.30E-02	1.57E-03	2.35E-04	1.72E-05	2.30E-02	1.58E-03	8.79E-01	1.04E-01	1.15E+00	1.57E-01
2760	Residential	2.32E-02	1.62E-03	2.18E-05	1.64E-06	1.15E-02	8.10E-04	2.47E-02	1.73E-03	2.45E-02	1.71E-03	2.31E-02	1.61E-03	2.95E-02	2.09E-03	2.95E-02	2.09E-03	4.30E-02	3.00E-03	2.47E-02	1.73E-03	3.02E-04	2.27E-05	2.32E-02	1.62E-03	2.07E-04	1.56E-05	2.32E-02	1.62E-03	7.73E-01	1.04E-01	8.86E-01	1.66E-01
2761	Residential	1.61E-02	1.10E-03	1.84E-05	1.43E-06	8.20E-03	5.75E-04	1.73E-02	1.20E-03	1.72E-02	1.19E-03	1.60E-02	1.10E-03	2.14E-02	1.51E-03	2.14E-02	1.51E-03	2.98E-02	2.04E-03	1.73E-02	1.20E-03	2.55E-04	1.99E-05	1.61E-02	1.10E-03	1.74E-04	1.36E-05	1.61E-02	1.11E-03	6.74E-01	7.25E-02	9.72E-01	1.08E-01
2762	Residential	1.26E-02	1.25E-03	1.72E-05	1.27E-06	6.61E-03	5.80E-04	1.38E-02	1.29E-03	1.36E-02	1.29E-03	1.25E-02	1.25E-03	1.75E-02	1.43E-03	1.75E-02	1.43E-03	2.33E-02	2.32E-03	1.38E-02	1.29E-03	2.39E-04	1.76E-05	1.26E-02	1.25E-03	1.64E-04	1.20E-05	1.26E-02	1.25E-03	7.05E-01	7.29E-02	1.17E+00	1.25E-01
2763	Residential	1.35E-02	1.38E-03	1.46E-05	1.03E-06	5.78E-03	6.41E-04	1.35E-02	1.43E-03	1.35E-02	1.42E-03	1.35E-02	1.38E-03	1.35E-02	1.58E-03	1.35E-02	1.58E-03	2.50E-02	2.56E-03	1.35E-02	1.43E-03	2.02E-04	1.43E-05	1.35E-02	1.38E-03	1.38E-04	9.81E-06	1.35E-02	1.38E-03	7.02E-01	8.15E-02	1.32E+00	1.38E-01
2764	Residential	1.46E-02	1.42E-03	1.17E-05	9.92E-07	6.25E-03	6.60E-04	1.46E-02	1.47E-03	1.46E-02	1.46E-03	1.46E-02	1.42E-03	1.46E-02	1.63E-03	1.46E-02	1.63E-03	2.71E-02	2.64E-03	1.46E-02	1.47E-03	1.62E-04	1.38E-05	1.46E-02	1.42E-03	1.11E-04	9.41E-06	1.46E-02	1.42E-03	6.78E-01	8.82E-02	1.38E+00	1.49E-01
2765	Residential	1.49E-02	1.33E-03	8.84E-06	1.19E-06	6.38E-03	6.19E-04	1.49E-02	1.38E-03	1.49E-02	1.37E-03	1.49E-02	1.33E-03	1.49E-02	1.53E-03	1.49E-02	1.53E-03	2.76E-02	2.47E-03	1.49E-02	1.38E-03	1.23E-04	1.64E-05	1.49E-02	1.33E-03	8.39E-05	1.12E-05	1.49E-02	1.33E-03	6.03E-01	9.78E-02	1.25E+00	1.61E-01
2766	Residential	1.42E-02	1.23E-03	8.55E-06	1.30E-06	6.10E-03	5.74E-04	1.42E-02	1.27E-03	1.42E-02	1.27E-03	1.42E-02	1.23E-03	1.42E-02	1.50E-03	1.42E-02	1.50E-03	2.64E-02	2.28E-03	1.42E-02	1.27E-03	1.19E-04	1.80E-05	1.42E-02	1.23E-03	8.12E-05	1.23E-05	1.42E-02	1.23E-03	5.76E-01	1.02E-01	1.13E+00	1.66E-01
2767	Residential	1.25E-02	1.20E-03	7.60E-06	1.41E-06	5.37E-03	6.13E-04	1.25E-02	1.29E-03	1.25E-02	1.28E-03	1.25E-02	1.19E-03	1.25E-02	1.60E-03	1.25E-02	1.60E-03	2.32E-02	2.22E-03	1.25E-02	1.29E-03	1.05E-04	1.96E-05	1.25E-02	1.19E-03	7.21E-05	1.34E-05	1.25E-02	1.20E-03	5.49E-01	1.04E-01	9.17E-01	1.90E-01
2768	Residential	9.95E-03	1.25E-03	6.60E-06	1.50E-06	4.26E-03	6.40E-04	9.95E-03	1.35E-03	9.95E-03	1.33E-03	9.95E-03	1.24E-03	9.95E-03	1.68E-03	9.95E-03	1.68E-03	1.85E-02	2.31E-03	9.95E-03	1.35E-03	9.16E-05	2.08E-05	9.95E-03	1.25E-03	6.27E-05	1.42E-05	9.95E-03	1.25E-03	5.34E-01	1.10E-01	9.51E-01	2.18E-01
2769	Residential	6.17E-03	1.27E-03	6.35E-06	1.58E-06	3.01E-03	6.56E-04	6.42E-03	1.38E-03	6.36E-03	1.36E-03	6.17E-03	1.26E-03	7.81E-03	1.72E-03	7.81E-03	1.72E-03	1.15E-02	2.35E-03	6.42E-03	1.38E-03	8.81E-05	2.19E-05	6.17E-03	1.27E-03	6.03E-05	1.50E-05	6.17E-03	1.27E-03	5.10E-01	1.32E-01	1.08E+00	2.44E-01
2770	Residential	5.50E-03	1.39E-03	6.72E-06	1.79E-06	2.83E-03	7.24E-04	5.95E-03	1.51E-03	5.89E-03	1.50E-03	5.47E-03	1.39E-03	7.42E-03	1.91E-03	7.42E-03	1.91E-03	1.02E-02	2.58E-03	5.95E-03	1.51E-03	9.32E-05	2.48E-05	5.49E-03	1.39E-03	6.38E-05	1.70E-05	5.50E-03	1.40E-03	4.75E-01	1.54E-01	1.16E+00	2.39E-01
2771	Residential	5.91E-03	1.46E-03	6.65E-06	1.94E-06	2.94E-03	7.63E-04	6.30E-03	1.59E-03	6.24E-03	1.57E-03	5.89E-03	1.45E-03	7.55E-03	2.01E-03	7.55E-03	2.01E-03	1.10E-02	2.70E-03	6.30E-03	1.59E-03	9.22E-05	2.68E-05	5.90E-03	1.46E-03	6.31E-05	1.84E-05	5.92E-03	1.46E-03	4.93E-01	1.58E-01	1.16E+00	2.16E-01

Scenario 4 Results

2772 Residential	7.04E-03	1.52E-03	6.60E-06	2.06E-06	3.48E-03	7.95E-04	7.49E-03	1.65E-03	7.43E-03	1.64E-03	7.02E-03	1.51E-03	8.93E-03	2.11E-03	8.93E-03	2.11E-03	1.30E-02	2.81E-03	7.49E-03	1.65E-03	9.15E-05	2.86E-05	7.03E-03	1.51E-03	6.26E-05	1.96E-05	7.05E-03	1.52E-03	4.99E-01	1.53E-01	1.30E+00	1.82E-01
2773 Residential	8.04E-03	1.51E-03	7.73E-06	2.09E-06	3.97E-03	7.94E-04	8.55E-03	1.65E-03	8.48E-03	1.63E-03	8.02E-03	1.50E-03	1.02E-02	2.11E-03	1.02E-02	2.11E-03	1.49E-02	2.79E-03	8.55E-03	1.65E-03	1.07E-04	2.90E-05	8.03E-03	1.50E-03	7.33E-05	1.99E-05	8.05E-03	1.51E-03	5.43E-01	1.43E-01	1.51E+00	1.74E-01
2774 Residential	8.84E-03	1.63E-03	9.38E-06	2.07E-06	4.37E-03	8.46E-04	9.39E-03	1.77E-03	9.31E-03	1.75E-03	8.81E-03	1.62E-03	1.12E-02	2.23E-03	1.12E-02	2.23E-03	1.64E-02	3.02E-03	9.39E-03	1.77E-03	1.30E-04	2.87E-05	8.82E-03	1.63E-03	8.90E-05	1.97E-05	8.84E-03	1.63E-03	6.92E-01	1.37E-01	1.41E+00	1.93E-01
2775 Residential	9.69E-03	1.83E-03	9.17E-06	2.42E-06	4.79E-03	9.55E-04	1.03E-02	1.99E-03	1.02E-02	1.97E-03	9.65E-03	1.82E-03	1.23E-02	2.52E-03	1.23E-02	2.52E-03	1.79E-02	3.39E-03	1.03E-02	1.99E-03	1.27E-04	3.36E-05	9.67E-03	1.83E-03	8.70E-05	2.30E-05	9.69E-03	1.83E-03	6.95E-01	1.37E-01	1.36E+00	2.02E-01
2776 Residential	1.03E-02	1.84E-03	1.03E-05	2.42E-06	5.11E-03	9.59E-04	1.10E-02	2.00E-03	1.09E-02	1.98E-03	1.03E-02	1.83E-03	1.31E-02	2.53E-03	1.31E-02	2.53E-03	1.91E-02	3.40E-03	1.10E-02	2.00E-03	1.43E-04	3.36E-05	1.03E-02	1.83E-03	9.78E-05	2.30E-05	1.03E-02	1.84E-03	5.55E-01	1.52E-01	1.31E+00	1.78E-01
2777 Residential	1.06E-02	1.64E-03	1.02E-05	2.09E-06	5.25E-03	8.51E-04	1.13E-02	1.78E-03	1.12E-02	1.76E-03	1.05E-02	1.63E-03	1.35E-02	2.24E-03	1.35E-02	2.24E-03	1.96E-02	3.04E-03	1.13E-02	1.78E-03	1.41E-04	2.89E-05	1.06E-02	1.64E-03	9.67E-05	1.98E-05	1.06E-02	1.64E-03	5.74E-01	1.54E-01	1.55E+00	1.68E-01
2778 Residential	1.07E-02	1.47E-03	1.04E-05	1.96E-06	5.34E-03	7.70E-04	1.14E-02	1.61E-03	1.13E-02	1.59E-03	1.07E-02	1.47E-03	1.37E-02	2.03E-03	1.37E-02	2.03E-03	1.99E-02	2.73E-03	1.14E-02	1.61E-03	1.45E-04	2.72E-05	1.07E-02	1.47E-03	9.90E-05	1.86E-05	1.07E-02	1.47E-03	6.61E-01	1.46E-01	3.04E+00	1.64E-01
2779 Residential	1.06E-02	1.51E-03	1.03E-05	1.96E-06	5.28E-03	7.87E-04	1.13E-02	1.65E-03	1.12E-02	1.63E-03	1.06E-02	1.51E-03	1.36E-02	2.07E-03	1.36E-02	2.07E-03	1.97E-02	2.80E-03	1.13E-02	1.65E-03	1.43E-04	2.71E-05	1.06E-02	1.51E-03	9.77E-05	1.86E-05	1.06E-02	1.52E-03	1.13E+00	1.32E-01	3.34E+00	1.79E-01
2780 Residential	1.02E-02	1.45E-03	1.02E-05	1.76E-06	5.03E-03	7.46E-04	1.08E-02	1.57E-03	1.07E-02	1.55E-03	1.01E-02	1.44E-03	1.29E-02	1.96E-03	1.29E-02	1.96E-03	1.88E-02	2.68E-03	1.08E-02	1.57E-03	1.41E-04	2.45E-05	1.01E-02	1.45E-03	9.68E-05	1.67E-05	1.02E-02	1.45E-03	1.16E+00	1.23E-01	2.52E+00	1.53E-01
2781 Residential	9.44E-03	1.35E-03	9.78E-06	1.80E-06	4.66E-03	7.08E-04	1.00E-02	1.48E-03	9.95E-03	1.46E-03	9.41E-03	1.35E-03	1.19E-02	1.87E-03	1.19E-02	1.87E-03	1.75E-02	2.51E-03	1.00E-02	1.48E-03	1.36E-04	2.50E-05	9.42E-03	1.35E-03	9.28E-05	1.71E-05	9.44E-03	1.36E-03	5.53E-01	1.25E-01	1.25E+00	1.54E-01
2782 Residential	8.34E-03	1.31E-03	1.01E-05	1.68E-06	4.10E-03	6.79E-04	8.84E-03	1.42E-03	8.77E-03	1.40E-03	8.31E-03	1.30E-03	1.05E-02	1.79E-03	1.05E-02	1.79E-03	1.55E-02	2.42E-03	8.84E-03	1.42E-03	1.41E-04	2.34E-05	8.33E-03	1.30E-03	9.63E-05	1.60E-05	8.34E-03	1.31E-03	8.64E-01	1.15E-01	1.01E+00	1.94E-01
2783 Residential	7.44E-03	1.31E-03	9.71E-06	1.75E-06	3.88E-03	6.79E-04	8.10E-03	1.42E-03	8.01E-03	1.41E-03	7.41E-03	1.30E-03	1.02E-02	1.79E-03	1.02E-02	1.79E-03	1.38E-02	2.42E-03	8.10E-03	1.42E-03	1.35E-04	2.42E-05	7.43E-03	1.31E-03	9.21E-05	1.66E-05	7.45E-03	1.31E-03	1.04E+00	1.49E-01	8.81E-01	2.20E-01
2784 Residential	6.88E-03	1.70E-03	1.06E-05	2.48E-06	3.70E-03	9.03E-04	7.60E-03	1.87E-03	7.50E-03	1.84E-03	6.84E-03	1.69E-03	9.92E-03	2.41E-03	9.92E-03	2.41E-03	1.27E-02	3.14E-03	7.60E-03	1.87E-03	1.47E-04	3.44E-05	6.87E-03	1.70E-03	1.00E-04	2.35E-05	6.89E-03	1.70E-03	6.09E-01	1.97E-01	6.85E-01	1.90E-01
2785 Residential	8.22E-03	1.70E-03	9.28E-06	2.15E-06	3.94E-03	8.80E-04	8.61E-03	1.84E-03	8.56E-03	1.82E-03	8.19E-03	1.69E-03	9.90E-03	2.31E-03	9.90E-03	2.31E-03	1.52E-02	3.14E-03	8.61E-03	1.84E-03	1.29E-04	2.99E-05	8.21E-03	1.69E-03	8.81E-05	2.04E-05	8.22E-03	1.70E-03	7.21E-01	1.53E-01	1.25E+00	1.67E-01
1 Gridded	3.86E-03	2.18E-04	3.89E-06	2.56E-07	1.93E-03	1.10E-04	4.13E-03	2.34E-04	4.09E-03	2.32E-04	3.85E-03	2.17E-04	4.98E-03	2.84E-04	4.98E-03	2.84E-04	7.16E-03	4.04E-04	4.13E-03	2.34E-04	5.39E-05	3.55E-06	3.86E-03	2.18E-04	3.69E-05	2.43E-06	3.87E-03	2.18E-04	1.56E-01	1.19E-02	1.60E-01	1.69E-02
2 Gridded	3.37E-03	2.14E-04	3.40E-06	2.48E-07	1.68E-03	1.06E-04	3.60E-03	2.27E-04	3.56E-03	2.25E-04	3.35E-03	2.13E-04	4.34E-03	2.71E-04	4.34E-03	2.71E-04	6.24E-03	3.96E-04	3.60E-03	2.27E-04	4.72E-05	3.45E-06	3.36E-03	2.13E-04	3.23E-05	2.36E-06	3.37E-03	2.14E-04	1.40E-01	1.28E-02	1.80E-01	1.66E-02
3 Gridded	2.51E-03	2.32E-04	2.36E-06	2.51E-07	1.24E-03	1.17E-04	2.67E-03	2.49E-04	2.65E-03	2.47E-04	2.50E-03	2.31E-04	3.19E-03	3.04E-04	3.19E-03	3.04E-04	4.65E-03	4.30E-04	2.67E-03	2.49E-04	3.28E-05	3.48E-06	2.51E-03	2.32E-04	2.24E-05	2.38E-06	2.51E-03	2.32E-04	1.07E-01	1.33E-02	1.83E-01	1.91E-02
4 Gridded	2.68E-03	2.88E-04	3.11E-06	2.83E-07	1.21E-03	1.44E-04	2.74E-03	3.07E-04	2.74E-03	3.05E-04	2.68E-03	2.87E-04	2.94E-03	3.69E-04	2.94E-03	3.69E-04	4.98E-03	5.34E-04	2.74E-03	3.07E-04	4.31E-05	3.93E-06	2.68E-03	2.88E-04	2.95E-05	2.69E-06	2.69E-03	2.89E-04	9.18E-02	1.38E-02	1.59E-01	2.33E-02
5 Gridded	2.83E-03	2.83E-04	3.67E-06	2.75E-07	1.25E-03	1.41E-04	2.85E-03	3.02E-04	2.85E-03	2.99E-04	2.83E-03	2.82E-04	3.22E-03	3.62E-04	3.22E-03	3.62E-04	5.26E-03	5.25E-04	2.85E-03	3.02E-04	5.09E-05	3.82E-06	2.83E-03	2.83E-04	3.48E-05	2.61E-06	2.83E-03	2.84E-04	9.15E-02	1.53E-02	2.18E-01	2.48E-02
6 Gridded	2.61E-03	2.31E-04	3.26E-06	2.40E-07	1.22E-03	1.14E-04	2.64E-03	2.45E-04	2.64E-03	2.43E-04	2.61E-03	2.30E-04	3.17E-03	2.94E-04	3.17E-03	2.94E-04	4.85E-03	4.27E-04	2.64E-03	2.45E-04	4.52E-05	3.33E-06	2.61E-03	2.30E-04	3.09E-05	2.28E-06	2.61E-03	2.31E-04	1.22E-01	1.50E-02	2.34E-01	2.41E-02
7 Gridded	3.00E-03	2.74E-04	2.32E-06	2.09E-07	1.31E-03	1.24E-04	3.02E-03	2.80E-04	3.02E-03	2.79E-04	3.00E-03	2.73E-04	3.08E-03	3.01E-04	3.08E-03	3.01E-04	5.57E-03	5.08E-04	3.02E-03	2.80E-04	3.21E-05	2.90E-06	3.00E-03	2.73E-04	2.20E-05	1.98E-06	3.00E-03	2.74E-04	1.36E-01	1.49E-02	2.69E-01	2.29E-02
8 Gridded	2.33E-03	2.57E-04	2.74E-06	2.27E-07	1.10E-03	1.18E-04	2.36E-03	2.65E-04	2.34E-03	2.64E-04	2.33E-03	2.57E-04	2.84E-03	2.89E-04	2.84E-03	2.89E-04	4.32E-03	4.78E-04	2.36E-03	2.65E-04	3.80E-05	3.14E-06	2.33E-03	2.57E-04	2.60E-05	2.15E-06	2.33E-03	2.58E-04	1.38E-01	1.88E-02	2.67E-01	3.24E-02
9 Gridded	2.57E-03	2.78E-04	3.74E-06	3.78E-07	1.37E-03	1.46E-04	2.82E-03	3.04E-04	2.79E-03	3.00E-04	2.55E-03	2.77E-04	3.64E-03	3.86E-04	3.64E-03	3.86E-04	4.75E-03	5.15E-04	2.82E-03	3.04E-04	5.19E-05	5.24E-06	2.56E-03	2.78E-04	3.55E-05	3.59E-06	2.57E-03	2.78E-04	1.04E-01	2.12E-02	2.17E-01	3.65E-02
10 Gridded	3.66E-03	4.71E-04	3.48E-06	4.54E-07	1.81E-03	2.34E-04	3.89E-03	5.02E-04	3.86E-03	4.98E-04	3.65E-03	4.70E-04	4.66E-03	6.01E-04	4.66E-03	6.01E-04	6.78E-03	8.73E-04	3.89E-03	5.02E-04	4.82E-05	6.29E-06	3.65E-03	4.71E-04	3.30E-05	4.31E-06	3.66E-03	4.72E-04	1.25E-01	2.06E-02	2.42E-01	2.90E-02
11 Gridded	3.48E-03	5.41E-04	3.49E-06	4.47E-07	1.73E-03	2.63E-04	3.71E-03	5.71E-04	3.68E-03	5.67E-04	3.47E-03	5.39E-04	4.44E-03	6.69E-04	4.44E-03	6.69E-04	6.45E-03	1.00E-03	3.71E-03	5.71E-04	4.85E-05	6.21E-06	3.48E-03	5.40E-04	3.32E-05	4.25E-06	3.49E-03	5.41E-04	1.44E-01	1.69E-02	2.63E-01	2.22E-02
12 Gridded	3.60E-03	4.74E-04	3.25E-06	4.38E-07	1.74E-03	2.34E-04	3.79E-03	5.03E-04	3.76E-03	4.99E-04	3.59E-03	4.72E-04	4.39E-03	5.99E-04	4.39E-03	5.99E-04	6.68E-03	8.78E-04	3.79E-03	5.03E-04	4.50E-05	6.07E-06	3.60E-03	4.73E-04	3.08E-05	4.15E-06	3.61E-03	4.74E-04	1.54E-01	1.52E-02	2.51E-01	2.43E-02
13 Gridded	4.94E-03	3.86E-04	3.77E-06	4.01E-07	2.38E-03	1.94E-04	5.19E-03	4.13E-04	5.15E-03	4.09E-04	4.92E-03	3.84E-04	6.02E-03	5.01E-04	6.02E-03	5.01E-04	9.15E-03	7.15E-04	5.19E-03	4.13E-04	5.23E-05	5.56E-06	4.93E-03	3.85E-04	3.58E-05	3.80E-06	4.94E-03	3.86E-04	2.15E-01	1.47E-02	3.26E-01	2.38E-02
14 Gridded	6.54E-03	3.61E-04	5.78E-06	3.13E-07	3.21E-03	1.77E-04	6.93E-03	3.83E-04	6.87E-03	3.80E-04	6.51E-03	3.60E-04	8.19E-03	4.51E-04	8.19E-03	4.51E-04	1.21E-02	6.70E-04	6.93E-03	3.83E-04	8.02E-05	4.34E-06	6.53E-03	3.61E-04	5.49E-05	2.97E-06	6.54E-03	3.62E-04	2.06E-01	1.37E-02	2.50E-01	2.29E-02
15 Gridded	4.60E-03	2.78E-04	4.59E-06	2.97E-07	2.30E-03	1.38E-04	4.91E-03	2.96E-04	4.87E-03	2.94E-04	4.59E-03	2.77E-04	5.92E-03	3.54E-04	5.92E-03	3.54E-04	8.53E-03	5.15E-04	4.91E-03	2.96E-04	6.36E-05	4.12E-06	4.60E-03	2.78E-04	4.35E-05	2.82E-06	4.61E-03	2.78E-04	1.47E-01	1.47E-02	2.47E-01	2.08E-02
16 Gridded	3.92E-03	2.86E-04	4.29E-06	4.16E-07	1.78E-03	1.52E-04	4.01E-03	3.14E-04	4.00E-03	3.10E-04	3.91E-03	2.85E-04	4.31E-03	4.05E-04	4.31E-03	4.05E-04	7.27E-03	5.29E-04	4.01E-03	3.14E-04	5.94E-05	5.76E-06	3.92E-03	2.85E-04	4.07E-05	3.94E-06	3.92E-03	2.86E-04	1.62E-01	1.71E-02	3.44E-01	2.54E-02
17 Gridded	3.99E-03	3.88E-04	4.50E-06	5.44E-07	1.99E-03	2.05E-04	4.26E-03	4.25E-04	4.23E-03	4.20E-04	3.98E-03	3.86E-04	5.14E-03	5.44E-04	5.14E-03	5.44E-04	7.40E-03	7.18E-04	4.26E-03	4.25E-04	6.24E-05	7.55E-06	3.99E-03	3.87E-04	4.27E-05	5.16E-06	4.00E-03	3.88E-04	1.71E-01	1.57E-02	2.51E-01	2.23E-02
18 Gridded	3.94E-03	5.14E-04	4.36E-06	5.62E-07	1.84E-03	2.60E-04	4.08E-03	5.52E-04	4.06E-03	5.47E-04	3.93E-03	5.12E-04	4.54E-03	6.75E-04	4.54E-03	6.75E-04	7.31E-03	9.53E-04	4.08E-03	5.52E-04	6.05E-05	7.79E-06	3.94E-03	5.14E-04	4.14E-05	5.33E-06	3.94E-03	5.15E-04	1.84E-01	1.08E-02	2.17E-01	1.48E-02
19 Gridded	4.42E-03	5.97E-04	4.34E-06	4.01E-07	2.10E-03	2.84E-04	4.61E-03	6.24E-04	4.59E-03	6.20E-04	4.40E-03	5.95E-04	5.30E-03	7.11E-04	5.30E-03	7.11E-04	8.19E-03	1.11E-03	4.61E-03	6.24E-04	6.01E-05	5.56E-06	4.41E-03	5.96E-04	4.11E-05	3.81E-06	4.42E-03	5.97E-04	1.57E-01	1.19E-02	2.36E-01	1.19E-02
20 Gridded	4.96E-03	4.57E-04	3.21E-06	2.43E-07	2.27E-03	2.08E-04	5.09E-03	4.68E-04	5.07E-03	4.67E-04	4.95E-03	4.57E-04	5.53E-03	5.05E-04	5.53E-03	5.05E-04	9.20E-03	8.48E-04	5.09E-03	4.68E-04	4.46E-05	3.37E-06	4.96E-03	4.57E-04	3.05E-05	2.31E-06	4.96E-03	4.57E-04	1.15E-01	9.28E-03	2.18E-01	1.22E-02
21 Gridded	2.73E-03	1.95E-04	3.74E-06	2.36E-07	1.36E-03	9.26E-05	2.91E-03	2.03E-04	2.88E-03	2.02E-04	2.72E-03	1.95E-04	3.48E-03	2.36E-04	3.48E-03	2.36E-04	5.06E-03	3.62E-04	2.91E-03	2.03E-04	5.18E-05	3.28E-06	2.73E-03	1.95E-04	3.55E-05	2.24E-06	2.73E-03	1.95E-04	1.45E-01	1.07E-02	1.92E-01	1.20E-02
22 Gridded	4.34E-03	2.69E-04	4.51E-06	2.80E-07	2.18E-03	1.35E-04	4.65E-03	2.88E-04	4.60E-03	2.86E-04	4.33E-03	2.68E-04	5.63E-03	3.49E-04	5.63E-03	3.49E-04	8.04E-03	4.99E-04	4.65E-03	2.88E-04	6.25E-05	3.88E-06	4.34E-03	2.69E-04	4.28E-05	2.65E-06	4.35E-03	2.70E-04	1.70E-01	1.23E-02	1.92E-01	1.18E-02
23 Gridded	4.42E-03	2.88E-04	3.58E-06	2.55E-07	2.15E-03	1.42E-04	4.66E-03	3.05E-04	4.62E-03	3.03E-04	4.40E-03	2.87E-04	5.44E-03	3.61E-04	5.44E-03	3.61E-04	8.18E-03	5.34E-04	4.66E-03	3.05E-04	4.97E-05	3.54E-06	4.41E-03	2.88E-04	3.40E-05	2.42E-06	4.42E-03	2.88E-04	1.55E-01	1.22E-02	2.06E-01	1.28E-02
24 Gridded	2.69E-03	2.45E-04	2.48E-06	2.18E-07	1.30E-03	1.20E-04	2.83E-03	2.60E-04	2.81E-03	2.58E-04	2.68E-03	2.44E-04	3.28E-03	3.07E-04	3.28E-03	3.07E-04	4.99E-03	4.54E-04	2.83E-03	2.60E-04	3.44E-05	3.02E-06	2.69E-03	2.45E-04	2.35E-05	2.07E-06	2.69E-03	2.45E-04	1.29E-01	1.07E-02	1.61E-01	1.25E-02
25 Gridded	3.08E-03	2.16E-04	3.15E-06	2.37E-07	1.54E-03	1.08E-04	3.29E-03	2.31E-04	3.26E-03	2.29E-04	3.07E-03	2.15E-04	3.98E-03	2.80E-04	3.98E-03	2.80E-04	5.70E-03	4.01E-04	3.29E-03	2.31E-04	4.37E-05	3.29E-06	3.07E-03	2.16E-04	2.99E-05	2.25E-06	3.08E-03	2.16E-04	1.39E-01	1.26E-02	1.61E-01	1.71E-02
26 Gridded	2.62E-03	2.51E-04	2.52E-06	2.84E-07	1.30E-03	1.28E-04	2.79E-03	2.70E-04	2.77E-03	2.68E-04	2.61E-03	2.50E-04	3.34E-03	3.33E-04	3.34E-03	3.33E-04	4.86E-03	4.65E-04	2.79E-03	2.70E-04	3.50E-05	3.94E-06	2.62E-03	2.51E-04	2.40E-05	2.69E-06	2.62E-03	2.51E-04	1.24E-01	1.47E-02	1.94E-01	1.89E-02
27 Gridded	2.53E-03	2.48E-04	3.56E-06	2.90E-07	1.33E-03	1.24E-04	2.77E-03	2.65E-04	2.73E-03	2.63E-04	2.51E-03	2.47E-04	3.55E-03	3.21E-04	3.55E-03	3.21E-04	4.67E-03	4.60E-04	2.77E-03	2.65E-04	4.94E-05	4.03E-06	2.52E-03	2.48E-04	3.38E-05	2.76E-06	2.53E-03	2.48E-04	1.45E-01	1.42E-02	1.75E-01	1.93E-02
28 Gridded	3.52E-03	3.33E-04	3.19E-06	3.46E-07	1.73E-03	1.67E-04	3.74E-03	3.56E-04	3.71E-03	3.53E-04	3.51E-03	3.32E-04	4.44E-03	4.32E-04	4.44E-03	4.32E-04	6.53E-03	6.17E-04	3.74E-03	3.56E-04	4.43E-05	4.80E-06	3.52E-03	3.33E-04	3.03E-05	3.28E-06	3.52E-03	3.33E-04	1.29E-01	1.56E-02	1.39E-01	1.63E-02
29 Gridded	2.71E-03	3.14E-04	2.46E-06	2.45E-07	1.26E-03	1.52E-04	2.81E-03	3.30E-04	2.79E-03	3.28E-04	2.70E-03	3.13E-04	3.13E-03	3.84E-04	3.13E-03	3.84E-04	5.02E-03	5.82E-04	2.81E-03	3.30E-04	3.41E-05	3.39E-06	2.70E-03	3.14E-04	2.33E-05	2.32E-06	2.71E-03	3.14E-04	8.86E-02	1.25E-02	1.46E-01	1.27E-02
30 Gridded	1.79E-03	1.79E-04	2.68E-06	1.82E-07	9.56E-04	8.66E-05	1.97E-03	1.88E-04	1.94E-03	1.87E-04	1.78E-03	1.79E-04	2.56E-03	2.19E-04	2.56E-03	2.19E-04	3.31E-03	3.32E-04	1.97E-03	1.88E-04	3.72E-05	2.52E-06	1.78E-03	1.79E-04	2.55E-05	1.72E-06	1.79E-03	1.79E-04	7.36E-02	8.87E-03	1.21E-01	1.26E-02
31 Gridded	2.08E-03	1.58E-04	3.04E-06	1.72E-07	1.11E-03	7.87E-05	2.29E-03	1.68E-04	2.26E-03	1.67E-04	2.07E-03	1.57E-04	2.96E-03	2.03E-04	2.96E-03	2.03E-04	3.86E-03	2.92E-04	2.29E-03	1.68E-04	4.22E-05	2.39E-06	2.08E-03	1.58E-04	2.89E-05	1.64E-06	2.09E-03	1.58E-04	7.88E-02	9.81E-03	1.67E-01	1.30E-02
32 Gridded	2.16E-03	1.89E-04	3.04E-06	2.21E-07	1.14E-03	9.67E-05	2.37E-03	2.04E-04	2.34E-03	2.02E-04	2.15E-03	1.88E-04	3.03E-03	2.53E-04	3.03E-03	2.53E-04	4.01E-03	3.50E-04	2.37E-03	2.04E-04	4.21E-05	3.07E-06	2.16E-03	1.89E-04	2.88E-05	2.10E-06	2.17E-03	1.89E-04	8.89E-02	9.21E-03	1.81E-01	1.44E-02
33 Gridded	2.18E-03	2.45E-04	2.84E-06	2.36E-07	1.14E-03	1.22E-04	2.37E-03	2.61E-04	2.35E-03	2.59E-04	2.17E-03	2.45E-04	2.99E-03	3.13E-04	2.99E-03	3.13E-04	4.04E-03	4.55E-04	2.37E-03	2.61E-04	3.94E-05	3.27E-06	2.18E-03	2.45E-04	2.70E-05	2.24E-06	2.18E-03	2.46E-04	6.72E-02	8.53E-03	1.71E-01	1.64E-02
34 Gridded	2.27E-03	2.29E-04	2.61E-06	1.99E-07	1.16E-03	1.12E-04	2.45E-03	2.42E-04	2.42E-03	2.40E-04	2.26E-03	2.28E-04	3.02E-03	2.86E-04	3.02E-03	2.86E-04	4.21E-03	4.24E-04	2.45E-03	2.42E-04	3.62E-05	2.77E-06	2.27E-03	2.29E-04	2.48E-05	1.89E-06	2.27E-03	2.29E-04	5.92E-02	8.12E-03	1.76E-01	1.83E-02
35 Gridded	2.42E-03	1.72E-04	2.38E-06	1.63E-07	1.21E-03	8.43E-05	2.58E-03	1.82E-04	2.56E-03	1.81E-04	2.41E-03	1.71E-04	3.11E-03	2.15E-04	3.11E-03	2.15E-04	4.49E-03	3.19E-04	2.58E-03	1.82E-04	3.30E-05	2.26E-06	2.42E-03	1.72E-04	2.26E-05	1.55E-06	2.43E-03	1.72E-04	8.63E-02	8.63E-03	2.17E-01	1.99E-02
36 Gridded	2.69E-03	1.55E-04	2.63E-06	1.73E-07	1.31E-03	7.85E-05	2.84E-03	1.66E-04	2.82E-03	1.65E-04	2.68E-03	1.54E-04	3.33E-03	2.04E-04	3.33E-03	2.04E-04	4.98E-03	2.87E-04	2.84E-03	1.66E-04	3.65E-05	2.40E-06	2.68E-03	1.54E-04	2.50E-05	1.64E-06	2.69E-03	1.55E-04	1.15E-01	9.37E-03	1.86E-01	2.04E-02
37 Gridded	2.94E-03	1.93E-04	2.57E-06	1.98E-07	1.42E-03	9.66E-05	3.09E-03	2.06E-04	3.07E-03	2.04E-04	2.93E-03	1.92E-04	3.57E-03	2.50E-04	3.57E-03	2.50E-04	5.45E-03	3.57E-04	3.09E-03	2.06E-04	3.56E-05	2.75E-06	2.94E-03	1.93E-04	2.44E-05	1.88E-06	2.94E-03	1.93E-04	1.18E-01	1.03E-02	1.81E-01	1.93E-02
38 Gridded	2.89E-03	2.12E-04	2.20E-06	2.19E-07	1.39E-03	1.05E-04	3.03E-03	2.25E-04	3.01E-03	2.23E-04	2.88E-03	2.11E-04	3.49E-03	2.68E-04	3.49E-03	2.68E-04	5.36E-03	3.93E-04	3.03E-03	2.25E-04	3.05E-05	3.03E-06	2.89E-03	2.12E-04	2.08E-05	2.07E-06	2.89E-03	2.12E-04	9.41E-02	1.11E-02	1.83E-01	1.70E-02
39 Gridded	2.71E-03	2.25E-04	3.04E-06	2.94E-07	1.30E-03	1.12E-04	2.85E-03	2.40E-04	2.83E-03	2.38E-04	2.70E-03	2.24E-04	3.29E-03	2.89E-04	3.29E-03	2.89E-04	5.02E-03	4.17E-04	2.85E-03	2.40E-04	4.22E-05	4.07E-06	2.70E-03	2.25E-04	2.89E-05	2.79E-06	2.71E-03	2.25E-04	1.07E-01	1.17E-02	1.60E-01	1.44E-02
40 Gridded	2.55E-03	2.70E-04	3.60E-06	4.10E-07	1.30E-03	1.34E-04	2.69E-03	2.87E-04	2.67E-03	2.85E-04	2.54E-03	2.69E-04	3.47E-03	3.63E-04	3.47E-03	3.63E-04	4.72E-03	5.00E-04	2.69E-03	2.87E-04	5.00E-05	5.68E-06	2.54E-03	2.70E-04	3.42E-05	3.89E-06	2.55E-03	2.70E-04	1.09E-01	1.19E-02	1.21E-01	1.30E-02
41 Gridded	3.14E-03	3.34E-04	3.52E-06	4.99E-07	1.60E-03	1.79E-04	3.38E-03	3.68E-04	3.35E-03	3.63E-04	3.13E-03	3.32E-04	4.15E-03	4.77E-04	4.15E-03	4.77E-04	5.82E-03	6.19E-04	3.38E-03	3.68E-04	4.89E-05	6.92E-06	3.14E-03	3.34E-04	3.34E-05	4.74E-06	3.15E-03	3.35E-04	1.02E-01	1.15E-02	1.02E-01	1.14E-02
42 Gridded	3.46E-03	3.77E-04	4.01E-06	4.59E-07	1.68E-03	1.94E-04	3.65E-03	4.08E-04	3.62E-03	4.03E-04	3.45E-03	3.75E-04	4.25E-03	5.08E-04	4.25E-03	5.08E-04	6.42E-03	6.97E-04	3.65E-03	4.08E-04	5.57E-05	6.36E-06	3.46E-03	3.76E-04	3.81E-05	4.35E-06	3.47E-03	3.77E-04	1.23E-01	1.09E-02	1.33E-01	1.27E-02
43 Gridded	3.61E-03	3.48E-04	2.94E-06	2.92E-07	1.67E-03	1.64E-04	3.72E-03	3.62E-04	3.71E-03	3.60E-04	3.60E-03	3.47E-04	4.10E-03	4.07E-04	4.10E-03	4.07E-04	6.69E-03	6.45E-04	3.72E-03	3.62E-04	4.08E-05	4.05E-06	3.60E-03	3.48E-04	2.79E-05	2.77E-06	3.61E-03	3.48E-04	1.28E-01	1.38E-02	1.53E-01	1.65E-02
44 Gridded	3.01E-03	2.80E-04	2.10E-06	2.11E-07	1.34E-03	1.35E-04	3.06E-03	2.94E-04	3.05E-03	2.92E-04	3.00E-03	2.79E-04	3.38E-03	3.40E-04	3.38E-03	3.40E-04	5.58E-03	5.19E-04	3.06E-03	2.94E-04	2.91E-05	2.93E-06	3.00E-03	2.80E-04	1.99E-05	2.01E-06	3.01E-03	2.80E-04	1.06E-01	1.25E-02	1.52E-01	1.53E-02
45 Gridded	3.13E-03	2.08E-04	2.63E-06	2.02E-07	1.53E-03	9.29E-05	3.30E-03	2.12E-04	3.28E-03	2.11E-04	3.12E-03	2.08E-04	3.88E-03	2.31E-04	3.88E-03	2.31E-04	5.79E-03	3.87E-04	3.30E-03	2.12E-04	3.65E-05	2.80E-06	3.12E-03	2.08E-04	2.49E-05	1.92E-06	3.13E-03	2.08E-04	1.16E-01	9.38E-03	1.23E-01	1.13E-02
46 Gridded	3.65E-03	2.47E-04	2.71E-06	2.11E-07	1.76E-03	1.08E-04	3.84E-03	2.49E-04	3.81E-03	2.49E-04	3.64E-03	2.47E-04	4.43E-03	2.69E-04	4.43E-03	2.69E-04	6.77E-03	4.59E-04	3.84E-03	2.49E-04	3.75E-05	2.93E-06	3.65E-03	2.47E-04	2.57E-05	2.00E-06	3.66E-03	2.47E-04	1.36E-01	9.98E-03	1.33E-01	1.25E-02
47 Gridded	5.01E-03	3.32E-04	2.53E-06	2.22E-07	2.15E-03	1.44E-04	5.01E-03	3.34E-04	5.01E-03	3.33E-04	5.01E-03	3.32E-04	5.01E-03	3.38E-04	5.01E-03	3.38E-04	9.31E-03	6.17E-04	5.01E-03	3.34E-04	3.51E-05	3.08E-06	5.01E-03	3.32E-04	2.40E-05	2.11E-06	5.01E-03	3.32E-04	1.16E-01	1.15E-02	1.16E-01	1.19E-02
48 Gridded	6.70E-03	3.55E-04	2.07E-06	2.55E-07	2.87E-03	1.53E-04	6.70E-03	3.56E-04	6.70E-03	3.56E-04	6.70E-03	3.55E-04	6.70E-03	3.59E-04	6.70E-03	3.59E-04	1.24E-02	6.59E-04	6.70E-03	3.56E-04	2.88E-05	3.54E-06	6.70E-03	3.55E-04	1.97E-05	2.42E-06	6.70E-03	3.55E-04	1.23E-01	1.32E-02	1.12E-01	1.27E-02
49 Gridded	4.80E-03	3.24E-04	2.15E-06	3.04E-07	2.06E-03	1.60E-04	4.80E-03	3.45E-04	4.80E-03	3.42E-04	4.80E-03	3.23E-04	4.80E-03	4.11E-04	4.80E-03	4.11E-04	8.92E-03	6.00E-04	4.80E-03	3.45E-04	2.98E-05	4.21E-06	4.80E-03	3.24E-04	2.04E-05	2.88E-06	4.80E-03	3.24E-04	1.11E-01	1.56E-02	1.23E-01	1.45E-02
50 Gridded	2.85E-03	3.41E-04	2.65E-06	3.34E-07	1.38E-03	1.70E-04	3.00E-03	3.63E-04	2.98E-03	3.60E-04	2.84E-03	3.40E-04	3.49E-03	4.36E-04	3.49E-03	4.36E-04	5.28E-03	6.31E-04	3.00E-03	3.63E-04	3.68E-05	4.63E-06	2.85E-03	3.40E-04	2.52E-05	3.17E-06	2.85E-03	3.41E-04	1.10E-01	1.67E-02	1.15E-01	1.72E-02
51 Gridded	2.47E-03	3.96E-04	2.73E-06	3.93E-07	1.20E-03	1.97E-04	2.60E-03	4.22E-04	2.58E-03	4.19E-04	2.47E-03	3.94E-04	3.03E-03	5.09E-04	3.03E-03	5.09E-04	4.58E-03	7.34E-04	2.60E-03	4.22E-04	3.79E-05	5.45E-06	2.47E-03	3.95E-04	2.59E-05	3.73E-06	2.47E-03	3.96E-04	1.08E-01	1.87E-02	1.18E-01	1.89E-02
52 Gridded	3.36E-03	2.30E-04	3.49E-06	2.62E-07	1.69E-03	1.09E-04	3.59E-03	2.33E-04	3.56E-03	2.33E-04	3.34E-03	2.29E-04	4.36E-03	2.84E-04	4.36E-03	2.84E-04	6.22E-03	4.26E-04	3.59E-03	2.33E-04	4.85E-05	3.63E-06	3.35E-03	2.30E-04	3.32E-05	2.49E-06	3.36E-03	2.30E-04	1.42E-01	1.18E-02	1.49E-01	1.60E-02
53 Gridded	3.44E-03	2.14E-04	3.63E-06	2.56E-07	1.73E-03	1.08E-04	3.69E-03	2.30E-04	3.65E-03	2.27E-04	3.43E-03	2.14E-04	4.48E-03	2.79E-04	4.48E-03	2.79E-04	6.38E-03	3.97E-04	3.69E-03	2.30E-04	5.03E-05	3.55E-06	3.44E-03	2.14E-04	3.44E-05	2.43E-06	3.45E-03	2.15E-04	1.47E-01	1.22E-02	1.79E-01	1.77E-02
54 Gridded	2.92E-03	2.17E-04	2.94E-06	2.56E-07	1.46E-03	1.07E-04	3.12E-03	2.31E-04	3.09E-03	2.29E-04	2.91E-03	2.16E-04	3.77E-03	2.75E-04	3.77E-03	2.75E-04	5.42E-03	4.02E-04	3.12E-03	2.31E-04	4.08E-05	3.54E-06	2.92E-03	2.17E-04	2.79E-05	2.42E-06	2.93E-03	2.17E-04	1.26E-01	1.34E-02	1.88E-01	1.77E-02
55 Gridded	2.59E-03	2.71E-04	2.82E-06	2.87E-07	1.25E-03	1.37E-04	2.72E-03	2.91E-04	2.70E-03	2.88E-04	2.58E-03	2.70E-04	3.16E-03	3.53E-04	3.16E-03	3.53E-04	4.80E-03	5.02E-04	2.72E-03	2.91E-04	3.91E-05	3.98E-06	2.58E-03	2.71E-04	2.68E-05	2.73E-06	2.59E-03	2.71E-04	1.04E-01	1.48E-02	2.06E-01	2.17E-02
56 Gridded	2.87E-03	3.04E-04	3.53E-06	2.98E-07	1.29E-03	1.51E-04	2.92E-03	3.24E-04	2.92E-03	3.21E-04	2.87E-03	3.03E-04	3.18E-03	3.90E-04	3.18E-03	3.90E-04	5.33E-03	5.63E-04	2.92E-03	3.24E-04	4.90E-05	4.14E-06	2.87E-03	3.04E-04	3.35E-05	2.83E-06	2.87E-03	3.04E-04	9.66E-02	1.54E-02	1.70E-01	2.49E-02
57 Gridded	2.93E-03	2.81E-04	3.65E-06	2.79E-07	1.28E-03	1.40E-04	2.95E-03	3.00E-04	2.95E-03	2.97E-04	2.93E-03	2.80E-04	3.27E-03	3.61E-04	3.27E-03	3.61E-04	5.44E-03	5.20E-04	2.95E-03	3.00E-04	5.06E-05	3.87E-06	2.93E-03	2.80E-04	3.46E-05	2.65E-06	2.93E-03	2.81E-04	1.07E-01	1.64E-02	2.35E-01	2.56E-02
58 Gridded	2.51E-03	2.30E-04	2.86E-06	2.34E-07	1.10E-03	1.10E-04	2.54E-03	2.38E-04	2.53E-03	2.36E-04	2.51E-03	2.30E-04	2.82E-03	2.83E-04	2.82E-03	2.83E-04	4.67E-03	4.27E-04	2.54E-03	2.38E-04	3.97E-05	3.24E-06	2.51E-03	2.30E-04	2.71E-05	2.22E-06	2.51E-03	2.30E-04	1.33E-01	1.50E-02	2.58E-01	2.46E-02
59 Gridded	2.73E-03	2.78E-04	2.16E-06	2.12E-07	1.19E-03	1.27E-04	2.75E-03	2.86E-04	2.75E-03	2.85E-04	2.73E-03	2.77E-04	2.82E-03	3.11E-04	2.82E-03	3.11E-04	5.08E-03	5.15E-04	2.75E-03	2.86E-04	2.99E-05	2.94E-06	2.73E-03	2.78E-04	2.05E-05	2.01E-06	2.74E-03	2.78E-04	1.42E-01	1.57E-02	2.78E-01	2.50E-02
60 Gridded	2.15E-03	2.29E-04	3.21E-06	2.86E-07	1.07E-03	1.05E-04	2.29E-03	2.36E-04	2.27E-03	2.35E-04	2.14E-03	2.28E-04	2.74E-03	2.58E-04	2.74E-03	2.58E-04	3.98E-03	4.25E-04	2.29E-03	2.36E-04	4.45E-05	3.97E-06	2.15E-03	2.29E-04	3.04E-05	2.72E-06	2.15E-03	2.29E-04	1.27E-01	2.02E-02	2.61E-01	3.56E-02
61 Gridded	3.33E-03	3.89E-04	3.86E-06	4.46E-07	1.70E-03	1.98E-04	3.59E-03	4.19E-04	3.55E-03	4.15E-04	3.31E-03	3.87E-04	4.43E-03	5.17E-04	4.43E-03	5.17E-04	6.16E-03	7.21E-04	3.59E-03	4.19E-04	5.35E-05	6.18E-06	3.32E-03	3.88E-04	3.66E-05	4.23E-06	3.33E-03	3.89E-04	1.12E-01	2.22E-02	2.21E-01	3.58E-02
62 Gridded	4.10E-03	5.78E-04	3.79E-06	5.10E-07	2.00E-03	2.84E-04	4.34E-03	6.12E-04	4.31E-03	6.07E-04	4.09E-03	5.76E-04	5.10E-03	7.24E-04	5.10E-03	7.24E-04	7.61E-03	1.07E-03	4.34E-03	6.12E-04	5.26E-05	7.07E-06	4.10E-03	5.77E-04	3.60E-05	4.84E-06	4.11E-03	5.78E-04	1.55E-01	2.09E-02	2.86E-01	2.48E-02
63 Gridded	3.97E-03	5.73E-04	3.80E-06	4.97E-07	1.97E-03	2.81E-04	4.22E-03	6.07E-04	4.19E-03	6.02E-04	3.95E-03	5.72E-04	5.05E-03	7.16E-04	5.05E-03	7.16E-04	7.35E-03	1.06E-03	4.22E-03	6.07E-04	5.26E-05	6.89E-06	3.96E-03	5.73E-04	3.60E-05	4.72E-06	3.97E-03	5.74E-04	1.62E-01	1.70E-02	2.60E-01	2.55E-02
64 Gridded	3.88E-03	4.45E-04	3.35E-06	4.47E-07	1.87E-03	2.22E-04	4.08E-03	4.75E-04	4.05E-03	4.71E-04	3.87E-03	4.43E-04	4.72E-03	5.73E-04	4.72E-03	5.73E-04	7.20E-03	8.24E-04	4.08E-03	4.75E-04	4.64E-05	6.19E-06	3.88E-03	4.44E-04	3.18E-05	4.24E-06	3.89E-03	4.45E-04	2.06E-01	1.63E-02	3.27E-01	2.68E-02
65 Gridded	6.45E-03	3.68E-04	5.52E-06	3.45E-07	3.15E-03	1.80E-04	6.82E-03	3.89E-04	6.77E-03	3.86E-04	6.43E-03	3.67E-04	8.03E-03	4.56E-04	8.03E-03	4.56E-04	1.19E-02	6.82E-04	6.82E-03	3.89E-04	7.65E-05	4.78E-06	6.44E-03	3.67E-04	5.23E-05	3.27E-06	6.45E-03	3.68E-04	2.27E-01	1.50E-02	3.13E-01	2.20E-02
66 Gridded	5.65E-03	3.36E-04	5.39E-06	3.10E-07	2.80E-03	1.66E-04	6.02E-03	3.57E-04	5.97E-03	3.54E-04	5.63E-03	3.35E-04	7.20E-03	4.24E-04	7.20E-03	4.24E-04	1.05E-02	6.22E-04	6.02E-03	3.57E-04	7.48E-05	4.30E-06	5.65E-03	3.35E-04	5.12E-05	2.94E-06	5.66E-03	3.36E-04	1.85E-01	1.47E-02	2.77E-01	2.33E-02
67 Gridded	3.71E-03	2.82E-04	4.33E-06	4.17E-07	1.74E-03	1.50E-04	3.85E-03	3.10E-04	3.83E-03	3.06E-04	3.71E-03	2.80E-04	4.30E-03	4.01E-04	4.30E-03	4.01E-04	6.89E-03	5.21E-04	3.85E-03	3.10E-04	6.01E-05	5.78E-06	3.71E-03	2.81E-04	4.11E-05	3.95E-06	3.72E-03	2.82E-04	1.54E-01	1.78E-02	3.06E-01	2.67E-02
68 Gridded	2.99E-03	3.33E-04	4.15E-06	5.20E-07	1.45E-03	1.80E-04	3.02E-03	3.68E-04	3.02E-03	3.63E-04	2.99E-03	3.31E-04	3.89E-03	4.82E-04	3.89E-03	4.82E-04	5.56E-03	6.16E-04	3.02E-03	3.68E-04	5.75E-05	7.22E-06	2.99E-03	3.32E-04	3.93E-05	4.94E-06	3.00E-03	3.34E-04	1.28E-01	1.62E-02	2.57E-01	2.47E-02
69 Gridded	3.90E-03	4.87E-04	4.41E-06	5.81E-07	1.83E-03	2.50E-04	4.05E-03	5.26E-04	4.03E-03	5.21E-04	3.89E-03	4.85E-04	4.54E-03	6.53E-04	4.54E-03	6.53E-04	7.23E-03	9.02E-04	4.05E-03	5.26E-04	6.12E-05	8.06E-06	3.89E-03	4.86E-04	4.19E-05	5.52E-06	3.90E-03	4.87E-04	1.68E-01	1.14E-02	2.29E-01	1.65E-02
70 Gridded	4.47E-03	6.21E-04	4.44E-06	4.25E-07	2.14E-03	2.96E-04	4.68E-03	6.49E-04	4.65E-03	6.45E-04	4.46E-03	6.19E-04	5.38E-03	7.42E-04	5.38E-03	7.42E-04	8.29E-03	1.15E-03	4.68E-03	6.49E-04	6.16E-05	5.89E-06	4.47E-03	6.20E-04	4.21E-05	4.03E-06	4.47E-03	6.21E-04	1.63E-01	1.25E-02	2.31E-01	1.27E-02
71 Gridded	4.92E-03	4.74E-04	3.28E-06	2.50E-07	2.25E-03	2.15E-04	5.05E-03	4.85E-04	5.03E-03	4.84E-04	4.92E-03	4.73E-04	5.47E-03	5.22E-04	5.47E-03	5.22E-04	9.13E-03	8.79E-04	5.05E-03	4.85E-04	4.55E-05	3.47E-06	4.92E-03	4.74E-04	3.12E-05	2.37E-06	4.92E-03	4.74E-04	1.19E-01	9.65E-03	2.15E-01	1.29E-02
72 Gridded	2.74E-03	2.04E-04	3.83E-06	2.53E-07	1.37E-03	9.60E-05	2.93E-03	2.12E-04	2.90E-03	2.11E-04	2.73E-03	2.03E-04	3.53E-03	2.41E-04	3.53E-03	2.41E-04	5.08E-03	3.78E-04	2.93E-03	2.12E-04	5.31E-05	3.51E-06	2.74E-03	2.04E-04	3.63E-05	2.40E-06	2.75E-03	2.04E-04	1.45E-01	1.11E-02	2.00E-01	1.22E-02
73 Gridded	4.52E-03	2.88E-04	4.61E-06	2.92E-07	2.26E-03	1.44E-04	4.83E-03	3.08E-04	4.79E-03	3.05E-04	4.50E-03	2.87E-04	5.84E-03	3.72E-04	5.84E-03	3.72E-04	8.38E-03	5.34E-04	4.83E-03	3.08E-04	6.40E-05	4.05E-06	4.52E-03	2.88E-04	4.38E-05	2.77E-06	4.53E-03	2.88E-04	1.75E-01	1.29E-02	2.03E-01	1.22E-02
74 Gridded	4.62E-03	3.04E-04	3.74E-06	2.67E-07	2.24E-03	1.49E-04	4.87E-03	3.22E-04	4.83E-03	3.20E-04	4.60E-03	3.03E-04	5.69E-03	3.81E-04	5.69E-03	3.81E-04	8.56E-03	5.64E-04	4.87E-03	3.22E-04	5.19E-05	3.71E-06	4.61E-03	3.04E-04	3.55E-05	2.54E-06	4.62E-03	3.04E-04	1.64E-01	1.30E-02	2.29E-01	1.38E-02
75 Gridded	2.72E-03	2.47E-04	2.65E-06	2.26E-07	1.31E-03	1.22E-04	2.86E-03	2.62E-04	2.84E-03	2.60E-04	2.71E-03	2.46E-04	3.32E-03	3.11E-04	3.32E-03	3.11E-04	5.04E-03	4.58E-04	2.86E-03	2.62E-04	3.68E-05	3.13E-06	2.71E-03	2.47E-04	2.52E-05	2.14E-06	2.72E-03	2.47E-04	1.37E-01	1.11E-02	1.72E-01	1.32E-02
76 Gridded	3.16E-03	2.23E-04	3.21E-06	2.45E-07	1.58E-03	1.12E-04	3.38E-03	2.39E-04	3.35E-03	2.37E-04	3.15E-03	2.22E-04	4.08E-03	2.90E-04	4.08E-03	2.90E-04	5.86E-03	4.13E-04	3.38E-03	2.39E-04	4.45E-05	3.40E-06	3.16E-03	2.22E-04	3.04E-05	2.33E-06	3.16E-03	2.23E-04	1.41E-01	1.32E-02	1.66E-01	1.78E-02
77 Gridded	2.64E-03	2.55E-04	2.56E-06	2.89E-07	1.31E-03	1.30E-04	2.81E-03	2.74E-04	2.79E-03	2.72E-04	2.63E-03	2.54E-04	3.35E-03	3.38E-04	3.35E-03	3.38E-04	4.89E-03	4.72E-04	2.81E-03	2.74E-04	3.55E-05	4.01E-06	2.64E-03	2.54E-04	2.43E-05	2.74E-06	2.64E-03	2.55E-04	1.33E-01	1.52E-02	2.08E-01	1.97E-02
78 Gridded	2.76E-03	2.59E-04	3.81E-06	3.25E-07	1.45E-03	1.30E-04	3.02E-03	2.77E-04	2.98E-03	2.75E-04	2.75E-03	2.58E-04	3.85E-03	3.35E-04	3.85E-03	3.35E-04	5.11E-03	4.80E-04	3.02E-03	2.77E-04	5.29E-05	4.51E-06	2.75E-03	2.59E-04	3.62E-05	3.08E-06	2.76E-03	2.59E-04	1.50E-01	1.55E-02	1.75E-01	2.05E-02
79 Gridded	3.71E-03	3.66E-04	3.21E-06	3.67E-07	1.82E-03	1.83E-04	3.93E-03	3.90E-04	3.90E-03	3.87E-04	3.70E-03	3.64E-04	4.63E-03	4.71E-04	4.63E-03	4.71E-04	6.88E-03	6.77E-04	3.93E-03	3.90E-04	4.46E-05	5.09E-06	3.71E-03	3.65E-04	3.05E-05	3.48E-06	3.71E-03	3.66E-04	1.38E-01	1.64E-02	1.50E-01	1.68E-02

Scenario 4 Results

80	Gridded	2.66E-03	3.22E-04	2.95E-06	2.43E-07	1.24E-03	1.55E-04	2.75E-03	3.38E-04	2.74E-03	3.36E-04	2.66E-03	3.21E-04	3.05E-03	3.91E-04	3.05E-03	3.91E-04	4.94E-03	5.97E-04	2.75E-03	3.38E-04	4.10E-05	3.37E-06	2.66E-03	3.21E-04	2.80E-05	2.30E-06	2.66E-03	3.22E-04	9.36E-02	1.28E-02	1.54E-01	1.37E-02
81	Gridded	1.68E-03	1.74E-04	2.84E-06	1.90E-07	8.71E-04	8.59E-05	1.80E-03	1.83E-04	1.78E-03	1.82E-04	1.68E-03	1.73E-04	2.38E-03	2.24E-04	2.38E-03	2.24E-04	3.12E-03	3.22E-04	1.80E-03	1.83E-04	3.94E-05	2.64E-06	1.68E-03	1.74E-04	2.70E-05	1.81E-06	1.68E-03	1.74E-04	7.56E-02	9.80E-03	1.21E-01	1.38E-02
82	Gridded	1.86E-03	1.64E-04	2.84E-06	1.83E-07	9.96E-04	8.32E-05	2.05E-03	1.76E-04	2.02E-03	1.75E-04	1.85E-03	1.64E-04	2.67E-03	2.16E-04	2.67E-03	2.16E-04	3.43E-03	3.04E-04	2.05E-03	1.76E-04	3.94E-05	2.53E-06	1.85E-03	1.64E-04	2.70E-05	1.73E-06	1.86E-03	1.64E-04	9.15E-02	1.04E-02	1.85E-01	1.41E-02
83	Gridded	2.11E-03	2.26E-04	2.64E-06	2.48E-07	1.09E-03	1.14E-04	2.28E-03	2.43E-04	2.26E-03	2.40E-04	2.10E-03	2.25E-04	2.86E-03	2.97E-04	2.86E-03	2.97E-04	3.90E-03	4.18E-04	2.28E-03	2.43E-04	3.66E-05	3.44E-06	2.10E-03	2.26E-04	2.50E-05	2.35E-06	2.11E-03	2.26E-04	8.99E-02	9.60E-03	2.11E-01	1.69E-02
84	Gridded	2.35E-03	2.68E-04	2.36E-06	2.45E-07	1.17E-03	1.32E-04	2.51E-03	2.85E-04	2.48E-03	2.82E-04	2.34E-03	2.67E-04	3.02E-03	3.38E-04	3.02E-03	3.38E-04	4.35E-03	4.97E-04	2.51E-03	2.85E-04	3.27E-05	3.40E-06	2.34E-03	2.68E-04	2.24E-05	2.33E-06	2.35E-03	2.68E-04	6.89E-02	8.82E-03	1.71E-01	1.87E-02
85	Gridded	2.56E-03	2.23E-04	2.09E-06	1.93E-07	1.24E-03	1.09E-04	2.70E-03	2.36E-04	2.68E-03	2.35E-04	2.55E-03	2.23E-04	3.16E-03	2.79E-04	3.16E-03	2.79E-04	4.74E-03	4.14E-04	2.70E-03	2.36E-04	2.90E-05	2.68E-06	2.55E-03	2.23E-04	1.99E-05	1.83E-06	2.56E-03	2.24E-04	6.67E-02	8.64E-03	2.12E-01	2.02E-02
86	Gridded	2.74E-03	1.57E-04	2.25E-06	1.63E-07	1.31E-03	7.73E-05	2.87E-03	1.67E-04	2.85E-03	1.66E-04	2.73E-03	1.57E-04	3.29E-03	1.97E-04	3.29E-03	1.97E-04	5.07E-03	2.92E-04	2.87E-03	1.67E-04	3.11E-05	2.26E-06	2.73E-03	1.57E-04	2.13E-05	1.55E-06	2.74E-03	1.58E-04	9.99E-02	9.12E-03	2.22E-01	2.13E-02
87	Gridded	2.97E-03	1.78E-04	2.87E-06	1.94E-07	1.41E-03	8.98E-05	3.11E-03	1.91E-04	3.09E-03	1.89E-04	2.97E-03	1.77E-04	3.54E-03	2.33E-04	3.54E-03	2.33E-04	5.51E-03	3.29E-04	3.11E-03	1.91E-04	3.98E-05	2.69E-06	2.97E-03	1.77E-04	2.72E-05	1.84E-06	2.98E-03	1.78E-04	1.23E-01	1.00E-02	1.90E-01	2.16E-02
88	Gridded	3.01E-03	2.15E-04	2.58E-06	2.13E-07	1.43E-03	1.07E-04	3.15E-03	2.29E-04	3.13E-03	2.27E-04	3.01E-03	2.14E-04	3.59E-03	2.76E-04	3.59E-03	2.76E-04	5.59E-03	3.98E-04	3.15E-03	2.29E-04	3.58E-05	2.96E-06	3.01E-03	2.14E-04	2.45E-05	2.02E-06	3.02E-03	2.15E-04	1.14E-01	1.11E-02	2.12E-01	2.05E-02
89	Gridded	2.80E-03	2.26E-04	2.28E-06	2.27E-07	1.34E-03	1.11E-04	2.93E-03	2.40E-04	2.91E-03	2.38E-04	2.79E-03	2.26E-04	3.37E-03	2.84E-04	3.37E-03	2.84E-04	5.18E-03	4.19E-04	2.93E-03	2.40E-04	3.16E-05	3.15E-06	2.79E-03	2.26E-04	2.17E-05	2.15E-06	2.80E-03	2.26E-04	1.00E-01	1.21E-02	2.04E-01	1.83E-02
90	Gridded	2.48E-03	2.47E-04	3.18E-06	3.24E-07	1.20E-03	1.23E-04	2.61E-03	2.64E-04	2.60E-03	2.61E-04	2.47E-03	2.47E-04	3.05E-03	3.17E-04	3.05E-03	3.17E-04	4.60E-03	4.58E-04	2.61E-03	2.64E-04	4.40E-05	4.50E-06	2.48E-03	2.47E-04	3.01E-05	3.08E-06	2.48E-03	2.48E-04	1.11E-01	1.24E-02	1.67E-01	1.52E-02
91	Gridded	2.59E-03	2.77E-04	3.75E-06	4.62E-07	1.37E-03	1.41E-04	2.84E-03	2.94E-04	2.80E-03	2.92E-04	2.57E-03	2.76E-04	3.66E-03	3.86E-04	3.66E-03	3.86E-04	4.79E-03	5.13E-04	2.84E-03	2.94E-04	5.20E-05	6.40E-06	2.58E-03	2.76E-04	3.56E-05	4.38E-06	2.59E-03	2.77E-04	1.12E-01	1.23E-02	1.19E-01	1.36E-02
92	Gridded	3.44E-03	3.51E-04	3.60E-06	5.43E-07	1.73E-03	1.89E-04	3.69E-03	3.88E-04	3.65E-03	3.82E-04	3.43E-03	3.49E-04	4.48E-03	5.06E-04	4.48E-03	5.06E-04	6.38E-03	6.49E-04	3.69E-03	3.88E-04	5.00E-05	7.53E-06	3.44E-03	3.50E-04	3.42E-05	5.15E-06	3.45E-03	3.51E-04	1.05E-01	1.15E-02	1.08E-01	1.11E-02
93	Gridded	3.89E-03	3.87E-04	4.05E-06	4.60E-07	1.86E-03	1.98E-04	4.08E-03	4.18E-04	4.05E-03	4.14E-04	3.88E-03	3.86E-04	4.67E-03	5.19E-04	4.67E-03	5.19E-04	7.22E-03	7.17E-04	4.08E-03	4.18E-04	5.62E-05	6.37E-06	3.89E-03	3.87E-04	3.84E-05	4.36E-06	3.90E-03	3.88E-04	1.35E-01	1.37E-02	1.51E-01	1.65E-02
94	Gridded	3.72E-03	3.69E-04	2.59E-06	2.63E-07	1.74E-03	1.76E-04	3.83E-03	3.86E-04	3.81E-03	3.84E-04	3.72E-03	3.68E-04	4.37E-03	4.41E-04	4.37E-03	4.41E-04	6.91E-03	6.84E-04	3.83E-03	3.86E-04	3.59E-05	3.65E-06	3.72E-03	3.69E-04	2.45E-05	2.50E-06	3.73E-03	3.69E-04	1.20E-01	1.54E-02	1.73E-01	1.82E-02
95	Gridded	3.37E-03	2.51E-04	2.77E-06	2.43E-07	1.64E-03	1.25E-04	3.56E-03	2.67E-04	3.53E-03	2.65E-04	3.36E-03	2.50E-04	4.16E-03	3.20E-04	4.16E-03	3.20E-04	6.25E-03	4.64E-04	3.56E-03	2.67E-04	3.84E-05	3.37E-06	3.37E-03	2.50E-04	2.62E-05	2.31E-06	3.37E-03	2.51E-04	1.31E-01	1.22E-02	1.41E-01	1.44E-02
96	Gridded	3.82E-03	2.38E-04	2.82E-06	2.20E-07	1.84E-03	1.14E-04	4.01E-03	2.49E-04	3.99E-03	2.47E-04	3.81E-03	2.37E-04	4.63E-03	2.85E-04	4.63E-03	2.85E-04	7.09E-03	4.41E-04	4.01E-03	2.49E-04	3.91E-05	3.05E-06	3.82E-03	2.37E-04	2.68E-05	2.09E-06	3.83E-03	2.38E-04	1.44E-01	1.05E-02	1.47E-01	1.33E-02
97	Gridded	3.32E-03	2.61E-04	2.66E-06	2.30E-07	1.61E-03	1.28E-04	3.50E-03	2.77E-04	3.47E-03	2.74E-04	3.31E-03	2.60E-04	4.08E-03	3.27E-04	4.08E-03	3.27E-04	6.15E-03	4.84E-04	3.50E-03	2.77E-04	3.69E-05	3.19E-06	3.31E-03	2.61E-04	2.53E-05	2.18E-06	3.32E-03	2.61E-04	1.25E-01	1.21E-02	1.22E-01	1.27E-02
98	Gridded	5.18E-03	3.14E-04	2.42E-06	2.71E-07	2.22E-03	1.41E-04	5.18E-03	3.15E-04	5.18E-03	3.15E-04	5.18E-03	3.14E-04	5.18E-03	3.63E-04	5.18E-03	3.63E-04	9.63E-03	5.83E-04	5.18E-03	3.15E-04	3.36E-05	3.75E-06	5.18E-03	3.14E-04	2.30E-05	2.57E-06	5.18E-03	3.14E-04	1.10E-01	1.41E-02	1.15E-01	1.37E-02
99	Gridded	6.30E-03	3.52E-04	2.30E-06	3.28E-07	2.70E-03	1.74E-04	6.30E-03	3.74E-04	6.30E-03	3.71E-04	6.30E-03	3.51E-04	6.30E-03	4.46E-04	6.30E-03	4.46E-04	1.17E-02	6.52E-04	6.30E-03	3.74E-04	3.19E-05	4.56E-06	6.30E-03	3.51E-04	2.19E-05	3.12E-06	6.30E-03	3.52E-04	1.17E-01	1.70E-02	1.30E-01	1.58E-02
100	Gridded	4.05E-03	3.75E-04	2.84E-06	3.61E-07	1.73E-03	1.86E-04	4.05E-03	3.99E-04	4.05E-03	3.96E-04	4.05E-03	3.73E-04	4.05E-03	4.78E-04	4.05E-03	4.78E-04	7.51E-03	6.94E-04	4.05E-03	3.99E-04	3.94E-05	5.01E-06	4.05E-03	3.74E-04	2.70E-05	3.43E-06	4.05E-03	3.75E-04	1.16E-01	1.82E-02	1.24E-01	1.82E-02
101	Gridded	2.70E-03	4.32E-04	3.01E-06	4.28E-07	1.30E-03	2.15E-04	2.84E-03	4.61E-04	2.82E-03	4.57E-04	2.69E-03	4.30E-04	3.37E-03	5.54E-04	3.37E-03	5.54E-04	5.01E-03	8.00E-04	2.84E-03	4.61E-04	4.18E-05	5.94E-06	2.70E-03	4.31E-04	2.86E-05	4.06E-06	2.70E-03	4.32E-04	1.20E-01	2.05E-02	1.28E-01	2.07E-02
102	Gridded	2.45E-03	4.50E-04	2.36E-06	4.35E-07	1.22E-03	2.23E-04	2.61E-03	4.79E-04	2.59E-03	4.75E-04	2.44E-03	4.48E-04	3.13E-03	5.74E-04	3.13E-03	5.74E-04	4.54E-03	8.33E-04	2.61E-03	4.79E-04	3.27E-05	6.03E-06	2.45E-03	4.49E-04	2.24E-05	4.13E-06	2.45E-03	4.50E-04	1.12E-01	2.03E-02	1.16E-01	1.98E-02
103	Gridded	2.48E-03	2.91E-04	2.55E-06	2.61E-07	1.17E-03	1.33E-04	2.56E-03	2.99E-04	2.55E-03	2.98E-04	2.47E-03	2.90E-04	3.03E-03	3.25E-04	3.03E-03	3.25E-04	4.59E-03	5.40E-04	2.56E-03	2.99E-04	3.53E-05	3.62E-06	2.47E-03	2.91E-04	2.42E-05	2.47E-06	2.48E-03	2.91E-04	1.07E-01	1.24E-02	1.38E-01	1.72E-02
104	Gridded	2.90E-03	2.29E-04	3.22E-06	2.62E-07	1.47E-03	1.06E-04	3.12E-03	2.32E-04	3.09E-03	2.32E-04	2.89E-03	2.28E-04	3.82E-03	2.79E-04	3.82E-03	2.79E-04	5.38E-03	4.24E-04	3.12E-03	2.32E-04	4.46E-05	3.64E-06	2.90E-03	2.29E-04	3.05E-05	2.49E-06	2.91E-03	2.29E-04	1.32E-01	1.20E-02	1.53E-01	1.64E-02
105	Gridded	2.91E-03	2.26E-04	3.10E-06	2.71E-07	1.47E-03	1.14E-04	3.12E-03	2.42E-04	3.09E-03	2.40E-04	2.90E-03	2.25E-04	3.80E-03	2.94E-04	3.80E-03	2.94E-04	5.39E-03	4.19E-04	3.12E-03	2.42E-04	4.30E-05	3.76E-06	2.91E-03	2.26E-04	2.94E-05	2.57E-06	2.91E-03	2.26E-04	1.31E-01	1.30E-02	1.99E-01	1.87E-02
106	Gridded	2.71E-03	2.39E-04	2.74E-06	2.80E-07	1.35E-03	1.18E-04	2.89E-03	2.55E-04	2.86E-03	2.52E-04	2.70E-03	2.39E-04	3.48E-03	3.04E-04	3.48E-03	3.04E-04	5.02E-03	4.44E-04	2.89E-03	2.55E-04	3.80E-05	3.88E-06	2.70E-03	2.39E-04	2.60E-05	2.65E-06	2.71E-03	2.40E-04	1.15E-01	1.47E-02	2.01E-01	1.94E-02
107	Gridded	2.50E-03	2.70E-04	2.93E-06	2.88E-07	1.20E-03	1.36E-04	2.63E-03	2.89E-04	2.61E-03	2.86E-04	2.49E-03	2.69E-04	3.04E-03	3.52E-04	3.04E-03	3.52E-04	4.63E-03	5.00E-04	2.63E-03	2.89E-04	4.07E-05	3.99E-06	2.49E-03	2.69E-04	2.78E-05	2.73E-06	2.50E-03	2.70E-04	1.01E-01	1.53E-02	2.04E-01	2.30E-02
108	Gridded	2.78E-03	2.94E-04	3.44E-06	2.90E-07	1.24E-03	1.47E-04	2.83E-03	3.14E-04	2.82E-03	3.11E-04	2.78E-03	2.93E-04	3.17E-03	3.77E-04	3.17E-03	3.77E-04	5.16E-03	5.45E-04	2.83E-03	3.14E-04	4.77E-05	4.03E-06	2.78E-03	2.94E-04	3.27E-05	2.75E-06	2.78E-03	2.94E-04	1.02E-01	1.64E-02	1.76E-01	2.50E-02
109	Gridded	2.73E-03	2.57E-04	3.12E-06	2.60E-07	1.21E-03	1.28E-04	2.75E-03	2.74E-04	2.75E-03	2.72E-04	2.73E-03	2.56E-04	3.09E-03	3.31E-04	3.09E-03	3.31E-04	5.08E-03	4.76E-04	2.75E-03	2.74E-04	4.33E-05	3.60E-06	2.73E-03	2.56E-04	2.97E-05	2.46E-06	2.73E-03	2.57E-04	1.15E-01	1.65E-02	2.34E-01	2.49E-02
110	Gridded	2.43E-03	2.45E-04	2.49E-06	2.33E-07	1.09E-03	1.13E-04	2.45E-03	2.53E-04	2.45E-03	2.52E-04	2.43E-03	2.44E-04	2.81E-03	2.79E-04	2.81E-03	2.79E-04	4.51E-03	4.54E-04	2.45E-03	2.53E-04	3.45E-05	3.24E-06	2.43E-03	2.44E-04	2.36E-05	2.21E-06	2.43E-03	2.45E-04	1.43E-01	1.54E-02	2.71E-01	2.51E-02
111	Gridded	2.30E-03	2.59E-04	2.22E-06	2.04E-07	1.00E-03	1.19E-04	2.31E-03	2.67E-04	2.31E-03	2.66E-04	2.29E-03	2.59E-04	2.54E-03	2.90E-04	2.54E-03	2.90E-04	4.26E-03	4.81E-04	2.31E-03	2.67E-04	3.07E-05	2.82E-06	2.29E-03	2.59E-04	2.10E-05	1.93E-06	2.30E-03	2.60E-04	1.42E-01	1.79E-02	2.73E-01	3.01E-02
112	Gridded	2.63E-03	2.74E-04	3.98E-06	3.89E-07	1.40E-03	1.45E-04	2.89E-03	3.00E-04	2.85E-03	2.96E-04	2.62E-03	2.72E-04	3.73E-03	3.85E-04	3.73E-03	3.85E-04	4.87E-03	5.07E-04	2.89E-03	3.00E-04	5.52E-05	5.40E-06	2.62E-03	2.73E-04	3.78E-05	3.69E-06	2.63E-03	2.74E-04	1.25E-01	2.27E-02	2.66E-01	3.91E-02
113	Gridded	4.46E-03	5.51E-04	4.51E-06	5.57E-07	2.23E-03	2.75E-04	4.77E-03	5.88E-04	4.73E-03	5.83E-04	4.45E-03	5.49E-04	5.76E-03	7.10E-04	5.76E-03	7.10E-04	8.27E-03	1.02E-03	4.77E-03	5.88E-04	6.26E-05	7.73E-06	4.46E-03	5.50E-04	4.28E-05	5.29E-06	4.47E-03	5.51E-04	1.54E-01	2.42E-02	2.76E-01	3.40E-02
114	Gridded	4.19E-03	6.48E-04	4.28E-06	5.55E-07	2.08E-03	3.17E-04	4.46E-03	6.86E-04	4.42E-03	6.81E-04	4.17E-03	6.46E-04	5.36E-03	8.08E-04	5.36E-03	8.08E-04	7.76E-03	1.20E-03	4.46E-03	6.86E-04	5.94E-05	7.70E-06	4.18E-03	6.48E-04	4.06E-05	5.27E-06	4.19E-03	6.49E-04	1.79E-01	2.02E-02	3.07E-01	2.69E-02
115	Gridded	3.66E-03	5.17E-04	3.47E-06	4.79E-07	1.76E-03	2.55E-04	3.84E-03	5.49E-04	3.82E-03	5.45E-04	3.65E-03	5.15E-04	4.42E-03	6.54E-04	4.42E-03	6.54E-04	6.79E-03	9.58E-04	3.84E-03	5.49E-04	4.81E-05	6.65E-06	3.66E-03	5.16E-04	3.29E-05	4.55E-06	3.67E-03	5.17E-04	1.87E-01	1.80E-02	2.94E-01	2.90E-02
116	Gridded	6.10E-03	4.19E-04	5.06E-06	4.22E-07	2.97E-03	2.09E-04	6.44E-03	4.48E-04	6.39E-03	4.44E-04	6.08E-03	4.17E-04	7.55E-03	5.40E-04	7.55E-03	5.40E-04	1.13E-02	7.76E-04	6.44E-03	4.48E-04	7.01E-05	5.86E-06	6.09E-03	4.18E-04	4.80E-05	4.01E-06	6.11E-03	4.19E-04	2.41E-01	1.72E-02	3.58E-01	2.63E-02
117	Gridded	6.53E-03	3.87E-04	6.00E-06	3.48E-07	3.22E-03	1.90E-04	6.94E-03	4.10E-04	6.88E-03	4.07E-04	6.51E-03	3.85E-04	8.25E-03	4.86E-04	8.25E-03	4.86E-04	1.21E-02	7.17E-04	6.94E-03	4.10E-04	8.32E-05	4.82E-06	6.52E-03	3.86E-04	5.69E-05	3.30E-06	6.54E-03	3.87E-04	2.03E-01	1.52E-02	2.84E-01	2.59E-02
118	Gridded	3.20E-03	2.67E-04	3.85E-06	3.85E-07	1.60E-03	1.42E-04	3.42E-03	2.93E-04	3.39E-03	2.90E-04	3.19E-03	2.66E-04	4.12E-03	3.77E-04	4.12E-03	3.77E-04	5.93E-03	4.95E-04	3.42E-03	2.93E-04	5.34E-05	5.33E-06	3.19E-03	2.67E-04	3.65E-05	3.65E-06	3.20E-03	2.68E-04	1.52E-01	1.77E-02	2.99E-01	2.71E-02
119	Gridded	3.22E-03	3.19E-04	4.34E-06	5.35E-07	1.43E-03	1.74E-04	3.26E-03	3.55E-04	3.26E-03	3.50E-04	3.22E-03	3.17E-04	3.73E-03	4.72E-04	3.73E-03	4.72E-04	5.98E-03	5.89E-04	3.26E-03	3.55E-04	6.02E-05	7.42E-06	3.22E-03	3.18E-04	4.12E-05	5.07E-06	3.22E-03	3.19E-04	1.40E-01	1.75E-02	2.81E-01	2.74E-02
120	Gridded	3.85E-03	4.61E-04	4.46E-06	6.07E-07	1.82E-03	2.40E-04	4.01E-03	5.02E-04	3.99E-03	4.96E-04	3.84E-03	4.59E-04	4.53E-03	6.35E-04	4.53E-03	6.35E-04	7.13E-03	8.53E-04	4.01E-03	5.02E-04	6.19E-05	8.41E-06	3.84E-03	4.60E-04	4.23E-05	5.76E-06	3.85E-03	4.61E-04	1.49E-01	1.25E-02	2.29E-01	1.81E-02
121	Gridded	4.38E-03	6.33E-04	4.57E-06	4.51E-07	2.12E-03	3.03E-04	4.61E-03	6.63E-04	4.57E-03	6.59E-04	4.36E-03	6.31E-04	5.35E-03	7.62E-04	5.35E-03	7.62E-04	8.11E-03	1.17E-03	4.61E-03	6.63E-04	6.33E-05	6.26E-06	4.37E-03	6.32E-04	4.33E-05	4.28E-06	4.38E-03	6.33E-04	1.65E-01	1.28E-02	2.39E-01	1.44E-02
122	Gridded	5.04E-03	5.08E-04	3.45E-06	2.64E-07	2.29E-03	2.30E-04	5.17E-03	5.20E-04	5.15E-03	5.18E-04	5.03E-03	5.08E-04	5.59E-03	5.58E-04	5.59E-03	5.58E-04	9.34E-03	9.43E-04	5.17E-03	5.20E-04	4.78E-05	3.66E-06	5.03E-03	5.08E-04	3.27E-05	2.51E-06	5.04E-03	5.08E-04	1.28E-01	1.03E-02	2.20E-01	1.34E-02
123	Gridded	2.78E-03	2.10E-04	3.80E-06	2.64E-07	1.35E-03	9.90E-05	2.90E-03	2.19E-04	2.88E-03	2.17E-04	2.77E-03	2.09E-04	3.50E-03	2.53E-04	3.50E-03	2.53E-04	5.15E-03	3.89E-04	2.90E-03	2.19E-04	5.27E-05	3.66E-06	2.78E-03	2.10E-04	3.60E-05	2.50E-06	2.78E-03	2.10E-04	1.43E-01	1.14E-02	2.04E-01	1.23E-02
124	Gridded	4.46E-03	2.93E-04	4.50E-06	2.93E-07	2.23E-03	1.46E-04	4.77E-03	3.13E-04	4.72E-03	3.10E-04	4.44E-03	2.92E-04	5.75E-03	3.77E-04	5.75E-03	3.77E-04	8.26E-03	5.43E-04	4.77E-03	3.13E-04	6.25E-05	4.06E-06	4.45E-03	2.93E-04	4.27E-05	2.78E-06	4.46E-03	2.94E-04	1.75E-01	1.32E-02	2.03E-01	1.26E-02
125	Gridded	4.53E-03	3.02E-04	3.73E-06	2.69E-07	2.21E-03	1.48E-04	4.78E-03	3.20E-04	4.75E-03	3.18E-04	4.52E-03	3.01E-04	5.60E-03	3.79E-04	5.60E-03	3.79E-04	8.40E-03	5.60E-04	4.78E-03	3.20E-04	5.17E-05	3.73E-06	4.53E-03	3.02E-04	3.54E-05	2.55E-06	4.54E-03	3.02E-04	1.65E-01	1.33E-02	2.35E-01	1.45E-02
126	Gridded	2.75E-03	2.44E-04	2.83E-06	2.34E-07	1.30E-03	1.21E-04	2.81E-03	2.59E-04	2.80E-03	2.57E-04	2.75E-03	2.43E-04	3.28E-03	3.10E-04	3.28E-03	3.10E-04	5.11E-03	4.52E-04	2.81E-03	2.59E-04	3.93E-05	3.25E-06	2.75E-03	2.44E-04	2.69E-05	2.22E-06	2.75E-03	2.44E-04	1.46E-01	1.13E-02	1.83E-01	1.39E-02
127	Gridded	3.27E-03	2.33E-04	3.27E-06	2.57E-07	1.63E-03	1.17E-04	3.49E-03	2.50E-04	3.46E-03	2.47E-04	3.26E-03	2.32E-04	4.21E-03	3.04E-04	4.21E-03	3.04E-04	6.06E-03	4.32E-04	3.49E-03	2.50E-04	4.53E-05	3.56E-06	3.27E-03	2.33E-04	3.10E-05	2.44E-06	3.27E-03	2.33E-04	1.43E-01	1.38E-02	1.71E-01	1.86E-02
128	Gridded	2.67E-03	2.63E-04	2.64E-06	2.99E-07	1.32E-03	1.34E-04	2.84E-03	2.83E-04	2.82E-03	2.81E-04	2.66E-03	2.62E-04	3.38E-03	3.49E-04	3.38E-03	3.49E-04	4.95E-03	4.87E-04	2.84E-03	2.83E-04	3.66E-05	4.15E-06	2.67E-03	2.63E-04	2.50E-05	2.84E-06	2.68E-03	2.63E-04	1.43E-01	1.59E-02	2.23E-01	2.07E-02
129	Gridded	3.06E-03	2.73E-04	4.09E-06	3.66E-07	1.60E-03	1.37E-04	3.33E-03	2.92E-04	3.29E-03	2.89E-04	3.04E-03	2.72E-04	4.23E-03	3.62E-04	4.23E-03	3.62E-04	5.66E-03	5.07E-04	3.33E-03	2.92E-04	5.67E-05	5.07E-06	3.05E-03	2.73E-04	3.88E-05	3.47E-06	3.06E-03	2.74E-04	1.56E-01	1.69E-02	2.01E-01	2.17E-02
130	Gridded	3.93E-03	4.04E-04	3.35E-06	3.89E-07	1.91E-03	2.01E-04	4.15E-03	4.31E-04	4.12E-03	4.27E-04	3.92E-03	4.03E-04	4.85E-03	5.16E-04	4.85E-03	5.16E-04	7.28E-03	7.49E-04	4.15E-03	4.31E-04	4.64E-05	5.39E-06	3.92E-03	4.04E-04	3.18E-05	3.69E-06	3.93E-03	4.05E-04	1.47E-01	1.75E-02	1.77E-01	1.74E-02
131	Gridded	2.51E-03	3.18E-04	2.69E-06	2.33E-07	1.16E-03	1.53E-04	2.59E-03	3.34E-04	2.57E-03	3.32E-04	2.50E-03	3.17E-04	2.85E-03	3.85E-04	2.85E-03	3.85E-04	4.65E-03	5.90E-04	2.59E-03	3.34E-04	3.73E-05	3.23E-06	2.50E-03	3.18E-04	2.55E-05	2.21E-06	2.51E-03	3.18E-04	9.77E-02	1.28E-02	1.55E-01	1.50E-02
132	Gridded	1.81E-03	1.78E-04	2.47E-06	1.96E-07	9.22E-04	9.00E-05	1.95E-03	1.91E-04	1.93E-03	1.89E-04	1.80E-03	1.77E-04	2.40E-03	2.34E-04	2.40E-03	2.34E-04	3.36E-03	3.29E-04	1.95E-03	1.91E-04	3.43E-05	2.71E-06	1.81E-03	1.77E-04	2.34E-05	1.86E-06	1.81E-03	1.78E-04	7.54E-02	1.07E-02	1.56E-01	1.49E-02
133	Gridded	1.84E-03	1.68E-04	2.26E-06	2.10E-07	9.13E-04	8.49E-05	1.93E-03	1.80E-04	1.92E-03	1.78E-04	1.83E-03	1.67E-04	2.40E-03	2.20E-04	2.40E-03	2.20E-04	3.41E-03	3.11E-04	1.93E-03	1.80E-04	3.13E-05	2.92E-06	1.84E-03	1.68E-04	2.14E-05	2.00E-06	1.84E-03	1.68E-04	9.91E-02	1.05E-02	1.94E-01	1.64E-02
134	Gridded	2.29E-03	2.56E-04	2.13E-06	2.65E-07	1.13E-03	1.29E-04	2.43E-03	2.74E-04	2.41E-03	2.72E-04	2.28E-03	2.55E-04	2.90E-03	3.32E-04	2.90E-03	3.32E-04	4.24E-03	4.75E-04	2.43E-03	2.74E-04	2.96E-05	3.67E-06	2.28E-03	2.56E-04	2.02E-05	2.51E-06	2.29E-03	2.57E-04	8.23E-02	9.76E-03	2.27E-01	1.88E-02
135	Gridded	2.77E-03	2.78E-04	2.06E-06	2.45E-07	1.33E-03	1.36E-04	2.91E-03	2.94E-04	2.89E-03	2.92E-04	2.76E-03	2.77E-04	3.36E-03	3.48E-04	3.36E-03	3.48E-04	5.14E-03	5.14E-04	2.91E-03	2.94E-04	2.86E-05	3.40E-06	2.77E-03	2.77E-04	1.96E-05	2.33E-06	2.77E-03	2.78E-04	7.31E-02	8.90E-03	1.81E-01	2.05E-02
136	Gridded	2.95E-03	2.12E-04	2.02E-06	1.85E-07	1.40E-03	1.04E-04	3.08E-03	2.24E-04	3.06E-03	2.22E-04	2.94E-03	2.11E-04	3.51E-03	2.64E-04	3.51E-03	2.64E-04	5.46E-03	3.92E-04	3.08E-03	2.24E-04	2.80E-05	2.56E-06	2.94E-03	2.11E-04	1.92E-05	1.75E-06	2.95E-03	2.12E-04	7.77E-02	9.23E-03	2.37E-01	2.17E-02
137	Gridded	2.97E-03	1.60E-04	2.74E-06	1.83E-07	1.41E-03	8.15E-05	3.10E-03	1.72E-04	3.09E-03	1.71E-04	2.96E-03	1.59E-04	3.55E-03	2.12E-04	3.55E-03	2.12E-04	5.50E-03	2.96E-04	3.10E-03	1.72E-04	3.79E-05	2.54E-06	2.97E-03	1.60E-04	2.60E-05	1.74E-06	2.97E-03	1.60E-04	1.15E-01	9.92E-03	2.15E-01	2.28E-02
138	Gridded	2.97E-03	2.09E-04	3.08E-06	2.22E-07	1.43E-03	1.05E-04	3.12E-03	2.24E-04	3.10E-03	2.21E-04	2.96E-03	2.08E-04	3.59E-03	2.72E-04	3.59E-03	2.72E-04	5.51E-03	3.86E-04	3.12E-03	2.24E-04	4.27E-05	3.07E-06	2.97E-03	2.08E-04	2.92E-05	2.10E-06	2.97E-03	2.09E-04	1.30E-01	1.11E-02	2.25E-01	2.33E-02
139	Gridded	2.59E-03	2.39E-04	2.48E-06	2.26E-07	1.26E-03	1.18E-04	2.74E-03	2.54E-04	2.72E-03	2.52E-04	2.59E-03	2.38E-04	3.20E-03	3.04E-04	3.20E-03	3.04E-04	4.81E-03	4.43E-04	2.74E-03	2.54E-04	3.44E-05	3.14E-06	2.59E-03	2.39E-04	2.36E-05	2.15E-06	2.60E-03	2.39E-04	1.04E-01	1.22E-02	2.40E-01	2.22E-02
140	Gridded	2.20E-03	2.31E-04	2.36E-06	2.35E-07	1.08E-03	1.13E-04	2.33E-03	2.44E-04	2.31E-03	2.42E-04	2.19E-03	2.30E-04	2.77E-03	2.92E-04	2.77E-03	2.92E-04	4.07E-03	4.28E-04	2.33E-03	2.44E-04	3.27E-05	3.25E-06	2.20E-03	2.30E-04	2.24E-05	2.23E-06	2.20E-03	2.31E-04	1.04E-01	1.30E-02	2.16E-01	1.94E-02
141	Gridded	1.88E-03	2.71E-04	3.28E-06	3.53E-07	9.44E-04	1.35E-04	2.01E-03	2.89E-04	1.99E-03	2.86E-04	1.88E-03	2.70E-04	2.60E-03	3.46E-04	2.60E-03	3.46E-04	3.49E-03	5.02E-04	2.01E-03	2.89E-04	4.54E-05	4.90E-06	1.88E-03	2.71E-04	3.11E-05	3.35E-06	1.89E-03	2.71E-04	1.10E-01	1.34E-02	1.65E-01	1.56E-02
142	Gridded	2.63E-03	2.83E-04	3.83E-06	5.08E-07	1.40E-03	1.45E-04	2.89E-03	3.00E-04	2.85E-03	2.98E-04	2.61E-03	2.82E-04	3.72E-03	4.00E-04	3.72E-03	4.00E-04	4.86E-03	5.24E-04	2.89E-03	3.00E-04	5.31E-05	7.05E-06	2.62E-03	2.82E-04	3.63E-05	4.82E-06	2.63E-03	2.83E-04	1.08E-01	1.25E-02	1.17E-01	1.37E-02
143	Gridded	3.65E-03	3.68E-04	4.24E-06	5.89E-07	1.82E-03	1.99E-04	3.90E-03	4.07E-04	3.86E-03	4.02E-04	3.64E-03	3.65E-04	4.68E-03	5.36E-04	4.68E-03	5.36E-04	6.77E-03	6.80E-04	3.90E-03	4.07E-04	5.88E-05	8.17E-06	3.65E-03	3.67E-04	4.03E-05	5.59E-06	3.66E-03	3.68E-04	1.17E-01	1.17E-02	1.31E-01	1.50E-02
144	Gridded	4.28E-03	4.05E-04	4.23E-06	4.65E-07	2.02E-03	2.06E-04	4.45E-03	4.36E-04	4.43E-03	4.32E-04	4.27E-03	4.03E-04	5.02E-03	5.38E-04	5.02E-03	5.38E-04	7.94E-03	7.50E-04	4.45E-03	4.36E-04	5.87E-05	6.45E-06	4.28E-03	4.04E-04	4.02E-05	4.41E-06	4.28E-03	4.05E-04	1.41E-01	1.65E-02	1.69E-01	1.98E-02
145	Gridded	4.15E-03	3.68E-04	2.78E-06	2.87E-07	1.88E-03	1.78E-04	4.24E-03	3.87E-04	4.23E-03	3.85E-04	4.14E-03	3.67E-04	4.54E-03	4.50E-04	4.54E-03	4.50E-04	7.70E-03	6.82E-04	4.24E-03	3.87E-04	3.86E-05	3.98E-06	4.15E-03	3.68E-04	2.64E-05	2.73E-06	4.15E-03	3.68E-04	1.15E-01	1.59E-02	1.72E-01	1.79E-02
146	Gridded	4.12E-03	2.72E-04	3.26E-06	2.58E-07	1.98E-03	1.23E-04	4.32E-03	2.77E-04	4.29E-03	2.77E-04	4.11E-03	2.71E-04	4.98E-03	3.09E-04	4.98E-03	3.09E-04	7.64E-03	5.04E-04	4.32E-03	2.77E-04	4.51E-05	3.57E-06	4.12E-03	2.71E-04	3.09E-05	2.44E-06	4.12E-03	2.72E-04	1.57E-01	1.14E-02	1.65E-01	1.44E-02
147	Gridded	4.00E-03	2.84E-04	3.07E-06	2.47E-07	1.93E-03	1.39E-04	4.21E-03	3.01E-04	4.18E-03	2.98E-04	3.99E-03	2.83E-04	4.88E-03	3.55E-04	4.88E-03	3.55E-04	7.41E-03	5.26E-04	4.21E-03	3.01E-04	4.26E-05	3.43E-06	3.99E-03	2.84E-04	2.92E-05	2.35E-06	4.00E-03	2.84E-04	1.48E-01	1.32E-02	1.42E-01	1.40E-02
148	Gridded	3.08E-03	2.99E-04	2.74E-06	2.82E-07	1.44E-03	1.48E-04	3.09E-03	3.18E-04	3.08E-03	3.15E-04	3.08E-03	2.98E-04	3.69E-03	3.77E-04	3.69E-03	3.77E-04	5.72E-03	5.55E-04	3.09E-03	3.18E-04	3.80E-05	3.91E-06	3.08E-03	2.99E-04	2.60E-05	2.67E-06	3.08E-03	3.00E-04	1.22E-01	1.48E-02	1.24E-01	1.47E-02
149	Gridded	4.75E-03	3.72E-04	2.49E-06	3.50E-07	2.04E-03	1.84E-04	4.75E-03	3.96E-04	4.75E-03	3.92E-04	4.75E-03	3.71E-04	4.75E-03	4.72E-04	4.75E-03	4.72E-04	8.82E-03	6.90E-04	4.75E-03	3.96E-04	3.45E-05	4.85E-06	4.75E-03	3.72E-04	2.36E-05	3.32E-06	4.75E-03	3.72E-04	1.25E-01	1.83E-02	1.43E-01	1.70E-02
150	Gridded	4.85E-03	4.11E-04	2.98E-06	3.92E-07	2.08E-03	2.04E-04	4.85E-03	4.38E-04	4.85E-03	4.34E-04	4.85E-03	4.10E-04	4.85E-03	5.24E-04	4.85E-03	5.24E-04	9.01E-03	7.62E-04	4.85E-03	4.38E-04	4.14E-05	5.44E-06	4.85E-03	4.11E-04	2.83E-05	3.72E-06	4.85E-03	4.11E-04	1.22E-01	2.00E-02	1.33E-01	1.95E-02
151	Gridded	2.83E-03	4.59E-04	3.26E-06	4.51E-07	1.41E-03	2.29E-04	2.97E-03	4.89E-04	2.95E-03	4.85E-04	2.82E-03	4.57E-04	3.69E-03	5.88E-04	3.69E-03	5.88E-04	5.24E-03	8.50E-04	2.97E-03	4.89E-04	4.52E-05	6.26E-06	2.83E-03	4.58E-04	3.09E-05	4.28E-06	2.83E-03	4.59E-04	1.32E-01	2.20E-02	1.39E-01	2.24E-02
152	Gridded	2.79E-03	4.93E-04	2.53E-06	4.72E-07	1.37E-03	2.45E-04	2.96E-03	5.25E-04	2.94E-03	5.21E-04	2.78E-03	4.91E-04	3.51E-03	6.28E-04	3.51E-03	6.28E-04	5.17E-03	9.14E-04	2.96E-03	5.25E-04	3.50E-05	6.54E-06	2.78E-03	4.92E-04	2.40E-05	4.48E-06	2.79E-03	4.94E-04	1.21E-01	2.22E-02	1.25E-01	2.16E-02
153	Gridded	2.14E-03	4.27E-04	1.97E-06	4.00E-07	1.02E-03	2.11E-04	2.23E-03	4.54E-04	2.22E-03	4.50E-04	2.13E-03	4.25E-04	2.61E-03	5.41E-04	2.61E-03	5.41E-04	3.96E-03	7.90E-04	2.23E-03	4.54E-04	2.73E-05	5.55E-06	2.14E-03	4.26E-04	1.87E-05	3.80E-06	2.14E-03	4.27E-04	9.00E-02	1.87E-02	1.00E-01	1.95E-02
154	Gridded	2.76E-03	3.02E-04	2.51E-06	2.67E-07	1.34E-03	1.44E-04	2.91E-03	3.16E-04	2.89E-03	3.14E-04	2.76E-03	3.01E-04	3.38E-03	3.62E-04	3.38E-03	3.62E-04	5.12E-03	5.60E-04	2.91E-03	3.16E-04	3.47E-05	3.71E-06	2.76E-03	3.02E-04	2.38E-05	2.54E-06	2.77E-03	3.02E-04	8.61E-02	1.34E-02	1.37E-01	2.11E-02
155	Gridded	2.49E-03	2.96E-04	2.55E-06	2.66E-07	1.15E-03	1.36E-04	2.57E-03	3.05E-04	2.56E-03	3.04E-04	2.48E-03	2.96E-04	2.94E-03	3.31E-04	2.94E-03	3.31E-04	4.62E-03	5.50E-04	2.57E-03	3.05E-04	3.54E-05	3.69E-06	2.49E-03	2.96E-04	2.42E-05	2.53E-06	2.49E-03	2.97E-04	9.80E-02	1.29E-02	1.53E-01	1.84E-02
156	Gridded	2.96E-03	2.45E-04	3.02E-06	2.79E-07	1.44E-03	1.12E-04	3.12E-03	2.49E-04	3.10E-03	2.48E-04	2.95E-03	2.45E-04	3.66E-03	2.92E-04	3.66E-03	2.92E-04	5.49E-03	4.55E-04	3.12E-03	2.49E-04	4.19E-05	3.88E-06	2.96E-03	2.45E-04	2.87E-05	2.65E-06	2.96E-03	2.45E-04	1.15E-01	1.28E-02	1.75E-01	1.71E-02
157	Gridded	2.79E-03	2.43E-04	3.43E-06	2.92E-07	1.38E-03	1.22E-04	2.96E-03	2.61E-04	2.94E-03	2.58E-04	2.78E-03	2.43E-04	3.53E-03	3.17E-04	3.53E-03	3.17E-04	5.16E-03	4.51E-04	2.96E-03	2.61E-04	4.75E-05	4.05E-06	2.78E-03	2.43E-04	3.25E-05	2.77E-06	2.79E-03	2.44E-04	1.16E-01	1.41E-02	2.18E-01	2.00E-02
158	Gridded	2.68E-03	2.35E-04	2.84E-06	2.80E-07	1.34E-03	1.16E-04	2.86E-03	2.50E-04	2.84E-03	2.48E-04	2.67E-03	2.34E-04	3.45E-03	3.02E-04	3.45E-03	3.02E-04	4.97E-03	4.35E-04	2.86E-03	2.50E-04	3.94E-05	3.88E-06	2.68E-03	2.35E-04	2.70E-05	2.65E-06	2.68E-03	2.35E-04	1.14E-01	1.54E-02	2.01E-01	2.01E-02
159	Gridded	2.36E-03	2.61E-04	2.86E-06	2.79E-07	1.14E-03	1.32E-04	2.48E-03	2.80E-04	2.46E-03	2.77E-04	2.35E-03	2.60E-04	2.93E-03	3.41E-04	2.93E-03	3.41E-04	4.37E-03	4.84E-04	2.48E-03	2.80E-04	3.97E-05	3.87E-06	2.35E-03	2.61E-04	2.72E-05	2.65E-06	2.36E-03	2.61E-04	1.05E-01	1.54E-02	1.90E-01	2.34E-02
160	Gridded	2.62E-03	2.90E-04	3.07E-06	2.84E-07	1.24E-03	1.44E-04	2.66E-03	3.09E-04	2.66E-03	3.06E-04	2.62E-03	2.89E-04	3.19E-03	3.71E-04	3.19E-03	3.71E-04	4.86E-03	5.37E-04	2.66E-03	3.09E-04	4.26E-05	3.93E-06	2.62E-03	2.89E-04	2.92E-05	2.69E-06	2.62E-03	2.90E-04	1.07E-01	1.72E-02	1.77E-01	2.65E-02
161	Gridded	2.68E-03	2.54E-04	2.75E-06	2.59E-07	1.21E-03	1.27E-04	2.69E-03	2.71E-04	2.69E-03	2.69E-04	2.68E-03	2.53E-04	3.09E-03	3.28E-04	3.09E-03	3.28E-04	4.97E-03	4.70E-04	2.69E-03	2.71E-04	3.81E-05	3.59E-06	2.68E-03	2.53E-04	2.61E-05	2.46E-06	2.68E-03	2.54E-04	1.26E-01	1.72E-02	2.38E-01	2.63E-02
162	Gridded	2.34E-03	2.53E-04	2.38E-06	2.29E-07	1.11E-03	1.17E-04	2.39E-03	2.61E-04	2.37E-03	2.60E-04	2.34E-03	2.53E-04	2.85E-03	2.86E-04	2.85E-03	2.86E-04	4.35E-03	4.70E-04	2.39E-03	2.61E-04	3.30E-05	3.18E-06	2.34E-03	2.53E-04	2.26E-05	2.17E-06	2.34E-03	2.54E-04	1.49E-01	1.61E-02	2.80E-01	2.60E-02
163	Gridded	2.50E-03	2.94E-04	3.38E-06	2.83E-07	1.19E-03	1.33E-04	2.60E-03	3.00E-04	2.59E-03	3.00E-04	2.49E-03	2.93E-04	3.08E-03	3.23E-04	3.08E-03	3.23E-04	4.63E-03	5.45E-04	2.60E-03	3.00E-04	4.69E-05	3.92E-06	2.50E-03	2.93E-04	3.21E-05	2.68E-06	2.50E-03	2.94E-04	1.53E-01	2.16E-02	2.89E-01	3.69E-02
164	Gridded	3.87E-03	4.21E-04	4.75E-06	5.11E-07	2.00E-03	2.16E-04	4.20E-03	4.55E-04	4.15E-03	4.50E-04	3.86E-03	4.19E-04	5.24E-03	5.67E-04	5.24E-03	5.67E-04	7.17E-03	7.79E-04	4.20E-03	4.55E-04	6.59E-05	7.09E-06	3.87E-03	4.20E-04	4.51E-05	4.85E-06	3.88E-03	4.21E-04	1.34E-01	2.53E-02	2.68E-01	4.06E-02
165	Gridded	4.47E-03	6.28E-04	4.07E-06	5.75E-07	2.19E-03	3.10E-04	4.74E-03	6.67E-04	4.70E-03	6.62E-04	4.46E-03	6.26E-04	5.60E-03	7.93E-04	5.60E-03	7.93E-04	8.29E-03	1.16E-03	4.74E-03	6.67E-04	5.64E-05	7.97E-06	4.47E-03	6.27E-04	3.86E-05	5.45E-06	4.48E-03	6.29E-04	1.69E-01	2.34E-02	2.97E-01	2.88E-02
166	Gridded	3.90E-03	5.91E-04	3.75E-06	5.14E-07	1.94E-03	2.90E-04	4.15E-03	6.26E-04	4.11E-03	6.21E-04	3.88E-03	5.89E-04	4.97E-03	7.38E-04	4.97E-03	7.38E-04	7.22E-03	1.10E-03	4.15E-03	6.26E-04	5.20E-05	7.13E-06	3.89E-03	5.90E-04	3.56E-05	4.88E-06	3.90E-03	5.92E-04	1.60E-01	1.94E-02	2.75E-01	3.03E-02
167	Gridded	4.94E-03	4.58E-04	4.06E-06	4.54E-07	2.40E-03	2.29E-04	5.21E-03	4.89E-04	5.17E-03	4.85E-04	4.92E-03	4.57E-04	6.10E-03	5.89E-04	6.10E-03	5.89E-04	9.15E-03	8.49E-04	5.21E-03	4.89E-04	5.63E-05	6.30E-06	4.93E-03	4.58E-04	3.85E-05	4.31E-06	4.94E-03	4.59E-04	2.35E-01	1.88E-02	3.71E-01	3.04E-02
168	Gridded	6.80E-03	4.03E-04	6.14E-06	3.62E-07	3.35E-03	1.98E-04	7.22E-03	4.27E-04	7.16E-03	4.24E-04	6.78E-03	4.02E-04	8.56E-03	5.06E-04	8.56E-03	5.06E-04	1.26E-02	7.47E-04	7.22E-03	4.27E-04	8.52E-05	5.02E-06	6.79E-03	4.02E-04	5.83E-05	3.43E-06	6.81E-03	4.03E-04	2.22E-01	1.68E-02	2.98E-01	2.48E-02
169	Gridded	4.02E-03	2.62E-04	3.94E-06	3.59E-07	2.00E-03	1.38E-04	4.29E-03	2.86E-04	4.25E-03	2.82E-04	4.01E-03	2.60E-04	5.15E-03	3.65E-04	5.15E-03	3.65E-04	7.45E-03	4.84E-04	4.29E-03	2.86E-04	5.46E-05	4.98E-06	4.02E-03	2.61E-04	3.74E-05	3.41E-06	4.02E-03	2.62E-04	1.54E-01	1.73E-02	2.88E-01	2.63E-02
170	Gridded	3.29E-03	3.02E-04	4.46E-06	5.33E-07	1.48E-03	1.67E-04	3.36E-03	3.38E-04	3.35E-03	3.33E-04	3.28E-03	3.00E-04	3.58E-03	4.55E-04	3.58E-03	4.55E-04	6.10E-03	5.58E-04	3.36E-03	3.38E-04	6.18E-05	7.39E-06	3.29E-03	3.01E-04	4.23E-05	5.06E-06	3.29E-03	3.02E-04	1.41E-01	1.86E-02	3.08E-01	2.98E-02
171	Gridded	3.92E-03	4.46E-04	4.60E-06	6.53E-07	1.87E-03	2.37E-04	4.10E-03	4.90E-04	4.08E-03	4.83E-04	3.91E-03	4.43E-04	4.70E-03	6.33E-04	4.70E-03	6.33E-04	7.26E-03	8.25E-04	4.10E-03	4.90E-04	6.38E-05	9.05E-06	3.91E-03	4.45E-04	4.36E-05	6.19E-06	3.92E-03	4.46E-04	1.32E-01	1.43E-02	2.22E-01	2.03E-02
172	Gridded	4.26E-03	6.29E-04	4.78E-06	4.87E-07	2.07E-03	3.04E-04	4.49E-03	6.62E-04	4.46E-03	6.58E-04	4.25E-03	6.27E-04	5.24E-03	7.69E-04	5.24E-03	7.69E-04	7.91E-03	1.17E-03	4.49E-03	6.62E-04	6.62E-05	6.76E-06	4.26E-03	6.29E-04	4.53E-05	4.62E-06	4.27E-03	6.30E-04	1.60E-01	1.28E-02	2.66E-01	1.61E-02
173	Gridded	5.09E-03	5.42E-04	3.55E-06	2.76E-07	2.32E-03	2.45E-04	5.23E-03	5.55E-04	5.21E-03	5.53E-04	5.08E-03	5.41E-04	5.66E-03	5.96E-04	5.66E-03	5.96E-04	9.45E-03	1.01E-03	5.23E-03	5.55E-04	4.92E-05	3.83E-06	5.09E-03	5.42E-04	3.37E-05	2.62E-06	5.09E-03	5.42E-04	1.35E-01	1.09E-02	2.20E-01	1.40E-02
174	Gridded	2.86E-03	2.26E-04	3.71E-06	2.73E-07	1.36E-03	1.03E-04	2.99E-03	2.30E-04	2.97E-03	2.29E-04	2.85E-03	2.26E-04	3.48E-03	2.62E-04	3.48E-03	2.62E-04	5.30E-03	4.20E-04	2.99E-03	2.30E-04	5.14E-05	3.78E-06	2.86E-03	2.26E-04	3.52E-05	2.59E-06	2.86E-03	2.26E-04	1.42E-01	1.18E-02	2.07E-01	1.31E-02

Scenario 4 Results

175	Gridded	4.31E-03	2.94E-04	4.36E-06	2.92E-07	2.16E-03	1.47E-04	4.61E-03	3.14E-04	4.57E-03	3.11E-04	4.30E-03	2.93E-04	5.56E-03	3.78E-04	5.56E-03	3.78E-04	7.99E-03	5.45E-04	4.61E-03	3.14E-04	6.05E-05	4.05E-06	4.31E-03	2.94E-04	4.14E-05	2.77E-06	4.32E-03	2.95E-04	1.74E-01	1.35E-02	2.00E-01	1.30E-02
176	Gridded	4.36E-03	2.95E-04	3.67E-06	2.67E-07	2.13E-03	1.45E-04	4.61E-03	3.13E-04	4.58E-03	3.10E-04	4.35E-03	2.94E-04	5.42E-03	3.71E-04	5.42E-03	3.71E-04	8.09E-03	5.46E-04	4.61E-03	3.13E-04	5.09E-05	3.71E-06	4.36E-03	2.94E-04	3.49E-05	2.54E-06	4.37E-03	2.95E-04	1.65E-01	1.35E-02	2.35E-01	1.51E-02
177	Gridded	2.93E-03	2.50E-04	3.09E-06	2.51E-07	1.34E-03	1.24E-04	2.99E-03	2.66E-04	2.98E-03	2.64E-04	2.92E-03	2.49E-04	3.50E-03	3.19E-04	3.50E-03	3.19E-04	5.43E-03	4.64E-04	2.99E-03	2.66E-04	4.29E-05	3.48E-06	2.93E-03	2.50E-04	2.93E-05	2.38E-06	2.93E-03	2.50E-04	1.57E-01	1.18E-02	1.98E-01	1.47E-02
178	Gridded	3.39E-03	2.45E-04	3.34E-06	2.70E-07	1.69E-03	1.23E-04	3.62E-03	2.63E-04	3.59E-03	2.60E-04	3.38E-03	2.44E-04	4.35E-03	3.19E-04	4.35E-03	3.19E-04	6.29E-03	4.54E-04	3.62E-03	2.63E-04	4.63E-05	3.75E-06	3.39E-03	2.45E-04	3.16E-05	2.56E-06	3.40E-03	2.45E-04	1.45E-01	1.45E-02	1.75E-01	1.95E-02
179	Gridded	2.67E-03	2.70E-04	2.83E-06	3.08E-07	1.32E-03	1.37E-04	2.84E-03	2.90E-04	2.81E-03	2.88E-04	2.67E-03	2.69E-04	3.37E-03	3.58E-04	3.37E-03	3.58E-04	4.96E-03	5.00E-04	2.84E-03	2.90E-04	3.92E-05	4.27E-06	2.67E-03	2.69E-04	2.69E-05	2.92E-06	2.68E-03	2.70E-04	1.53E-01	1.65E-02	2.34E-01	2.14E-02
180	Gridded	3.17E-03	2.79E-04	4.05E-06	3.82E-07	1.65E-03	1.46E-04	3.45E-03	3.04E-04	3.41E-03	3.01E-04	3.16E-03	2.77E-04	4.33E-03	3.88E-04	4.33E-03	3.88E-04	5.87E-03	5.16E-04	3.45E-03	3.04E-04	5.62E-05	5.30E-06	3.17E-03	2.78E-04	3.84E-05	3.62E-06	3.18E-03	2.79E-04	1.53E-01	1.75E-02	2.07E-01	2.21E-02
181	Gridded	3.87E-03	4.16E-04	3.25E-06	3.83E-07	1.87E-03	2.05E-04	4.07E-03	4.42E-04	4.04E-03	4.38E-04	3.86E-03	4.15E-04	4.72E-03	5.26E-04	4.72E-03	5.26E-04	7.18E-03	7.71E-04	4.07E-03	4.42E-04	4.51E-05	5.31E-06	3.87E-03	4.16E-04	3.09E-05	3.63E-06	3.87E-03	4.16E-04	1.47E-01	1.77E-02	1.85E-01	1.74E-02
182	Gridded	2.22E-03	3.00E-04	2.40E-06	2.35E-07	1.02E-03	1.44E-04	2.29E-03	3.14E-04	2.28E-03	3.12E-04	2.22E-03	2.99E-04	2.52E-03	3.62E-04	2.52E-03	3.62E-04	4.12E-03	5.56E-04	2.29E-03	3.14E-04	3.33E-05	3.27E-06	2.22E-03	3.00E-04	2.28E-05	2.23E-06	2.22E-03	3.00E-04	9.86E-02	1.24E-02	1.65E-01	1.61E-02
183	Gridded	1.98E-03	1.88E-04	2.46E-06	2.00E-07	1.00E-03	9.46E-05	2.13E-03	2.01E-04	2.11E-03	1.99E-04	1.97E-03	1.87E-04	2.60E-03	2.45E-04	2.60E-03	2.45E-04	3.67E-03	3.48E-04	2.13E-03	2.01E-04	3.41E-05	2.77E-06	1.98E-03	1.88E-04	2.33E-05	1.90E-06	1.98E-03	1.88E-04	9.14E-02	1.16E-02	1.95E-01	1.61E-02
184	Gridded	2.00E-03	1.91E-04	1.98E-06	2.42E-07	9.95E-04	9.90E-05	2.13E-03	2.07E-04	2.11E-03	2.05E-04	1.99E-03	1.90E-04	2.56E-03	2.60E-04	2.56E-03	2.60E-04	3.70E-03	3.54E-04	2.13E-03	2.07E-04	2.75E-05	3.36E-06	1.99E-03	1.91E-04	1.88E-05	2.30E-06	2.00E-03	1.91E-04	1.02E-01	1.06E-02	2.36E-01	1.87E-02
185	Gridded	2.56E-03	2.82E-04	2.00E-06	2.76E-07	1.24E-03	1.40E-04	2.70E-03	3.01E-04	2.68E-03	2.98E-04	2.55E-03	2.81E-04	3.13E-03	3.61E-04	3.13E-03	3.61E-04	4.75E-03	5.23E-04	2.70E-03	3.01E-04	2.78E-05	3.82E-06	2.56E-03	2.82E-04	1.90E-05	2.62E-06	2.56E-03	2.82E-04	7.67E-02	9.80E-03	2.25E-01	2.02E-02
186	Gridded	3.00E-03	2.77E-04	2.15E-06	2.41E-07	1.44E-03	1.36E-04	3.15E-03	2.93E-04	3.13E-03	2.91E-04	2.99E-03	2.76E-04	3.62E-03	3.46E-04	3.62E-03	3.46E-04	5.56E-03	5.14E-04	3.15E-03	2.93E-04	2.99E-05	3.34E-06	3.00E-03	2.77E-04	2.04E-05	2.28E-06	3.00E-03	2.77E-04	7.53E-02	9.46E-03	2.18E-01	2.17E-02
187	Gridded	2.88E-03	1.96E-04	2.19E-06	1.74E-07	1.39E-03	9.65E-05	3.03E-03	2.08E-04	3.01E-03	2.07E-04	2.87E-03	1.96E-04	3.51E-03	2.46E-04	3.51E-03	2.46E-04	5.34E-03	3.64E-04	3.03E-03	2.08E-04	3.03E-05	2.41E-06	2.88E-03	1.96E-04	2.08E-05	1.65E-06	2.88E-03	1.97E-04	9.34E-02	9.96E-03	2.42E-01	2.30E-02
188	Gridded	2.65E-03	1.89E-04	3.17E-06	2.14E-07	1.30E-03	9.59E-05	2.80E-03	2.03E-04	2.78E-03	2.01E-04	2.64E-03	1.88E-04	3.30E-03	2.50E-04	3.30E-03	2.50E-04	4.91E-03	3.49E-04	2.80E-03	2.03E-04	4.40E-05	2.96E-06	2.65E-03	1.88E-04	3.01E-05	2.03E-06	2.65E-03	1.89E-04	1.29E-01	1.10E-02	2.12E-01	2.44E-02
189	Gridded	2.57E-03	2.37E-04	2.95E-06	2.42E-07	1.31E-03	1.19E-04	2.76E-03	2.53E-04	2.74E-03	2.51E-04	2.55E-03	2.36E-04	3.41E-03	3.06E-04	3.41E-03	3.06E-04	4.75E-03	4.39E-04	2.76E-03	2.53E-04	4.09E-05	3.35E-06	2.56E-03	2.37E-04	2.80E-05	2.29E-06	2.57E-03	2.37E-04	1.27E-01	1.22E-02	2.54E-01	2.50E-02
190	Gridded	2.26E-03	2.59E-04	2.23E-06	2.31E-07	1.10E-03	1.27E-04	2.38E-03	2.75E-04	2.36E-03	2.72E-04	2.26E-03	2.58E-04	2.84E-03	3.25E-04	2.84E-03	3.25E-04	4.20E-03	4.80E-04	2.38E-03	2.75E-04	3.10E-05	3.20E-06	2.26E-03	2.59E-04	2.12E-05	2.19E-06	2.27E-03	2.59E-04	9.84E-02	1.35E-02	2.54E-01	2.37E-02
191	Gridded	1.85E-03	2.63E-04	2.46E-06	2.63E-07	8.97E-04	1.31E-04	1.95E-03	2.81E-04	1.93E-03	2.79E-04	1.84E-03	2.62E-04	2.27E-03	3.39E-04	2.27E-03	3.39E-04	3.43E-03	4.88E-04	1.95E-03	2.81E-04	3.42E-05	3.65E-06	1.85E-03	2.63E-04	2.34E-05	2.49E-06	1.85E-03	2.64E-04	1.05E-01	1.40E-02	2.12E-01	1.99E-02
192	Gridded	1.66E-03	2.90E-04	3.36E-06	3.78E-07	9.17E-04	1.44E-04	1.81E-03	3.08E-04	1.78E-03	3.06E-04	1.66E-03	2.89E-04	2.55E-03	3.69E-04	2.55E-03	3.69E-04	3.08E-03	5.37E-04	1.81E-03	3.08E-04	4.66E-05	5.24E-06	1.66E-03	2.89E-04	3.19E-05	3.59E-06	1.66E-03	2.90E-04	1.04E-01	1.41E-02	1.50E-01	1.64E-02
193	Gridded	2.57E-03	2.87E-04	3.84E-06	5.45E-07	1.37E-03	1.45E-04	2.83E-03	3.05E-04	2.80E-03	3.02E-04	2.56E-03	2.86E-04	3.67E-03	4.04E-04	3.67E-03	4.04E-04	4.76E-03	5.32E-04	2.83E-03	3.05E-04	5.33E-05	7.56E-06	2.57E-03	2.87E-04	3.65E-05	5.17E-06	2.58E-03	2.87E-04	9.88E-02	1.23E-02	1.24E-01	1.33E-02
194	Gridded	3.71E-03	3.69E-04	4.96E-06	6.11E-07	1.83E-03	2.01E-04	3.94E-03	4.10E-04	3.91E-03	4.04E-04	3.69E-03	3.66E-04	4.70E-03	5.44E-04	4.70E-03	5.44E-04	6.87E-03	6.82E-04	3.94E-03	4.10E-04	6.88E-05	8.48E-06	3.70E-03	3.68E-04	4.71E-05	5.80E-06	3.71E-03	3.69E-04	1.36E-01	1.49E-02	1.60E-01	1.97E-02
195	Gridded	4.51E-03	4.29E-04	4.44E-06	4.60E-07	2.10E-03	2.10E-04	4.66E-03	4.51E-04	4.64E-03	4.47E-04	4.50E-03	4.28E-04	5.24E-03	5.46E-04	5.24E-03	5.46E-04	8.36E-03	7.95E-04	4.66E-03	4.51E-04	6.16E-05	6.38E-06	4.50E-03	4.29E-04	4.22E-05	4.37E-06	4.51E-03	4.29E-04	1.37E-01	1.80E-02	1.85E-01	2.08E-02
196	Gridded	4.44E-03	3.65E-04	2.82E-06	2.98E-07	1.98E-03	1.72E-04	4.51E-03	3.80E-04	4.50E-03	3.78E-04	4.43E-03	3.64E-04	4.77E-03	4.37E-04	4.77E-03	4.37E-04	8.23E-03	6.77E-04	4.51E-03	3.80E-04	3.91E-05	4.13E-06	4.43E-03	3.65E-04	2.68E-05	2.83E-06	4.44E-03	3.65E-04	1.37E-01	1.50E-02	1.59E-01	1.53E-02
197	Gridded	4.67E-03	3.09E-04	3.50E-06	2.72E-07	2.25E-03	1.48E-04	4.91E-03	3.24E-04	4.88E-03	3.22E-04	4.66E-03	3.08E-04	5.68E-03	3.76E-04	5.68E-03	3.76E-04	8.67E-03	5.73E-04	4.91E-03	3.24E-04	4.86E-05	3.77E-06	4.67E-03	3.09E-04	3.32E-05	2.58E-06	4.68E-03	3.09E-04	1.74E-01	1.42E-02	1.71E-01	1.60E-02
198	Gridded	3.23E-03	3.37E-04	3.14E-06	3.01E-07	1.61E-03	1.66E-04	3.45E-03	3.57E-04	3.42E-03	3.54E-04	3.22E-03	3.36E-04	4.13E-03	4.23E-04	4.13E-03	4.23E-04	5.99E-03	6.24E-04	3.45E-03	3.57E-04	4.36E-05	4.18E-06	3.23E-03	3.36E-04	2.98E-05	2.86E-06	3.24E-03	3.37E-04	1.41E-01	1.59E-02	1.51E-01	1.65E-02
199	Gridded	3.42E-03	4.06E-04	2.83E-06	3.87E-07	1.52E-03	2.01E-04	3.42E-03	4.32E-04	3.42E-03	4.28E-04	3.42E-03	4.05E-04	3.88E-03	5.17E-04	3.88E-03	5.17E-04	6.35E-03	7.52E-04	3.42E-03	4.32E-04	3.92E-05	5.36E-06	3.42E-03	4.05E-04	2.68E-05	3.67E-06	3.42E-03	4.06E-04	1.41E-01	2.03E-02	1.63E-01	1.89E-02
200	Gridded	3.92E-03	4.51E-04	3.03E-06	4.29E-07	1.68E-03	2.24E-04	3.92E-03	4.80E-04	3.92E-03	4.76E-04	3.92E-03	4.49E-04	4.09E-03	5.74E-04	4.09E-03	5.74E-04	7.28E-03	8.35E-04	3.92E-03	4.80E-04	4.20E-05	5.94E-06	3.92E-03	4.50E-04	2.87E-05	4.07E-06	3.92E-03	4.51E-04	1.30E-01	2.21E-02	1.42E-01	2.12E-02
201	Gridded	3.03E-03	4.87E-04	3.46E-06	4.75E-07	1.54E-03	2.42E-04	3.26E-03	5.19E-04	3.23E-03	5.15E-04	3.02E-03	4.86E-04	4.02E-03	6.23E-04	4.02E-03	6.23E-04	5.61E-03	9.03E-04	3.26E-03	5.19E-04	4.79E-05	6.58E-06	3.02E-03	4.87E-04	3.28E-05	4.51E-06	3.03E-03	4.88E-04	1.44E-01	2.36E-02	1.49E-01	2.41E-02
202	Gridded	3.23E-03	5.41E-04	2.84E-06	5.11E-07	1.58E-03	2.68E-04	3.42E-03	5.75E-04	3.39E-03	5.70E-04	3.22E-03	5.39E-04	4.04E-03	6.87E-04	4.04E-03	6.87E-04	5.98E-03	1.00E-03	3.42E-03	5.75E-04	3.93E-05	7.09E-06	3.22E-03	5.40E-04	2.69E-05	4.85E-06	3.23E-03	5.41E-04	1.31E-01	2.43E-02	1.36E-01	2.37E-02
203	Gridded	2.45E-03	4.70E-04	2.83E-06	4.36E-07	1.16E-03	2.32E-04	2.55E-03	5.00E-04	2.54E-03	4.96E-04	2.44E-03	4.69E-04	2.88E-03	5.95E-04	2.88E-03	5.95E-04	4.54E-03	8.71E-04	2.55E-03	5.00E-04	3.93E-05	6.05E-06	2.45E-03	4.70E-04	2.69E-05	4.14E-06	2.45E-03	4.71E-04	1.01E-01	2.05E-02	1.27E-01	2.02E-02
204	Gridded	1.76E-03	3.59E-04	2.06E-06	3.50E-07	8.80E-04	1.77E-04	1.88E-03	3.81E-04	1.87E-03	3.78E-04	1.76E-03	3.58E-04	2.27E-03	4.53E-04	2.27E-03	4.53E-04	3.27E-03	6.65E-04	1.88E-03	3.81E-04	2.85E-05	4.85E-06	1.76E-03	3.58E-04	1.95E-05	3.32E-06	1.77E-03	3.59E-04	8.10E-02	1.85E-02	1.19E-01	2.04E-02
205	Gridded	2.74E-03	3.28E-04	2.89E-06	3.40E-07	1.38E-03	1.63E-04	2.93E-03	3.47E-04	2.91E-03	3.44E-04	2.73E-03	3.27E-04	3.57E-03	4.21E-04	3.57E-03	4.21E-04	5.07E-03	6.08E-04	2.93E-03	3.47E-04	4.01E-05	4.72E-06	2.73E-03	3.27E-04	2.74E-05	3.23E-06	2.74E-03	3.28E-04	9.79E-02	1.37E-02	1.44E-01	2.27E-02
206	Gridded	2.81E-03	3.04E-04	2.62E-06	2.74E-07	1.36E-03	1.46E-04	2.96E-03	3.18E-04	2.94E-03	3.16E-04	2.81E-03	3.03E-04	3.45E-03	3.66E-04	3.45E-03	3.66E-04	5.22E-03	5.63E-04	2.96E-03	3.18E-04	3.63E-05	3.80E-06	2.81E-03	3.03E-04	2.48E-05	2.60E-06	2.82E-03	3.04E-04	8.50E-02	1.39E-02	1.48E-01	2.25E-02
207	Gridded	3.18E-03	3.09E-04	2.74E-06	2.77E-07	1.55E-03	1.41E-04	3.36E-03	3.17E-04	3.33E-03	3.16E-04	3.17E-03	3.08E-04	3.93E-03	3.45E-04	3.93E-03	3.45E-04	5.89E-03	5.73E-04	3.36E-03	3.17E-04	3.80E-05	3.84E-06	3.18E-03	3.09E-04	2.60E-05	2.63E-06	3.18E-03	3.09E-04	1.14E-01	1.37E-02	1.68E-01	1.99E-02
208	Gridded	4.01E-03	2.56E-04	3.55E-06	2.89E-07	1.97E-03	1.26E-04	4.25E-03	2.69E-04	4.22E-03	2.67E-04	4.00E-03	2.56E-04	5.03E-03	3.23E-04	5.03E-03	3.23E-04	7.43E-03	4.76E-04	4.25E-03	2.69E-04	4.93E-05	4.01E-06	4.00E-03	2.56E-04	3.37E-05	2.74E-06	4.01E-03	2.56E-04	1.42E-01	1.34E-02	1.94E-01	1.79E-02
209	Gridded	3.30E-03	2.36E-04	3.56E-06	2.88E-07	1.63E-03	1.19E-04	3.51E-03	2.53E-04	3.48E-03	2.50E-04	3.29E-03	2.35E-04	4.19E-03	3.09E-04	4.19E-03	3.09E-04	6.11E-03	4.38E-04	3.51E-03	2.53E-04	4.94E-05	4.00E-06	3.29E-03	2.36E-04	3.38E-05	2.73E-06	3.30E-03	2.36E-04	1.25E-01	1.46E-02	2.15E-01	2.09E-02
210	Gridded	2.53E-03	2.26E-04	2.82E-06	2.73E-07	1.27E-03	1.12E-04	2.71E-03	2.41E-04	2.68E-03	2.39E-04	2.52E-03	2.25E-04	3.28E-03	2.95E-04	3.28E-03	2.95E-04	4.69E-03	4.19E-04	2.71E-03	2.41E-04	3.92E-05	3.79E-06	2.53E-03	2.26E-04	2.68E-05	2.59E-06	2.54E-03	2.26E-04	1.14E-01	1.57E-02	1.90E-01	2.12E-02
211	Gridded	2.32E-03	2.65E-04	2.59E-06	2.75E-07	1.13E-03	1.33E-04	2.44E-03	2.84E-04	2.42E-03	2.81E-04	2.31E-03	2.64E-04	2.90E-03	3.44E-04	2.90E-03	3.44E-04	4.29E-03	4.91E-04	2.44E-03	2.84E-04	3.59E-05	3.82E-06	2.31E-03	2.65E-04	2.46E-05	2.61E-06	2.32E-03	2.65E-04	1.09E-01	1.62E-02	2.10E-01	2.47E-02
212	Gridded	2.72E-03	2.83E-04	2.68E-06	2.75E-07	1.24E-03	1.41E-04	2.77E-03	3.01E-04	2.76E-03	2.99E-04	2.71E-03	2.82E-04	3.20E-03	3.62E-04	3.20E-03	3.62E-04	5.04E-03	5.24E-04	2.77E-03	3.01E-04	3.71E-05	3.81E-06	2.71E-03	2.83E-04	2.54E-05	2.61E-06	2.72E-03	2.83E-04	1.06E-01	1.82E-02	1.90E-01	2.85E-02
213	Gridded	3.02E-03	2.63E-04	2.76E-06	2.75E-07	1.37E-03	1.32E-04	3.09E-03	2.81E-04	3.08E-03	2.79E-04	3.02E-03	2.62E-04	3.31E-03	3.42E-04	3.31E-03	3.42E-04	5.60E-03	4.88E-04	3.09E-03	2.81E-04	3.83E-05	3.82E-06	3.02E-03	2.63E-04	2.62E-05	2.61E-06	3.02E-03	2.64E-04	1.46E-01	1.87E-02	2.57E-01	2.88E-02
214	Gridded	3.21E-03	3.22E-04	2.80E-06	2.78E-07	1.47E-03	1.46E-04	3.30E-03	3.29E-04	3.28E-03	3.28E-04	3.20E-03	3.21E-04	3.59E-03	3.54E-04	3.59E-03	3.54E-04	5.95E-03	5.97E-04	3.30E-03	3.29E-04	3.89E-05	3.85E-06	3.20E-03	3.22E-04	2.66E-05	2.64E-06	3.21E-03	3.22E-04	1.72E-01	1.88E-02	3.14E-01	3.00E-02
215	Gridded	3.05E-03	2.82E-04	4.18E-06	3.86E-07	1.47E-03	1.37E-04	3.16E-03	2.89E-04	3.14E-03	2.88E-04	3.04E-03	2.82E-04	3.93E-03	3.66E-04	3.93E-03	3.66E-04	5.66E-03	5.24E-04	3.16E-03	2.89E-04	5.79E-05	5.35E-06	3.05E-03	2.82E-04	3.96E-05	3.66E-06	3.05E-03	2.82E-04	1.51E-01	2.44E-02	3.11E-01	4.15E-02
216	Gridded	4.11E-03	5.18E-04	4.21E-06	5.44E-07	2.06E-03	2.61E-04	4.40E-03	5.55E-04	4.36E-03	5.50E-04	4.10E-03	5.16E-04	5.32E-03	6.74E-04	5.32E-03	6.74E-04	7.62E-03	9.60E-04	4.40E-03	5.55E-04	5.84E-05	7.55E-06	4.11E-03	5.17E-04	3.99E-05	5.16E-06	4.12E-03	5.19E-04	1.46E-01	2.49E-02	2.57E-01	3.70E-02
217	Gridded	4.04E-03	6.45E-04	3.95E-06	5.62E-07	2.01E-03	3.16E-04	4.31E-03	6.83E-04	4.27E-03	6.78E-04	4.03E-03	6.43E-04	5.17E-03	8.06E-04	5.17E-03	8.06E-04	7.49E-03	1.20E-03	4.31E-03	6.83E-04	5.47E-05	7.80E-06	4.04E-03	6.44E-04	3.75E-05	5.33E-06	4.04E-03	6.46E-04	1.69E-01	2.09E-02	3.08E-01	3.13E-02
218	Gridded	3.96E-03	5.66E-04	3.77E-06	5.33E-07	1.89E-03	2.80E-04	4.14E-03	6.02E-04	4.11E-03	5.97E-04	3.95E-03	5.64E-04	4.80E-03	7.19E-04	4.80E-03	7.19E-04	7.34E-03	1.05E-03	4.14E-03	6.02E-04	5.23E-05	7.39E-06	3.95E-03	5.66E-04	3.58E-05	5.06E-06	3.96E-03	5.67E-04	2.24E-01	2.13E-02	3.47E-01	3.37E-02
219	Gridded	7.07E-03	4.56E-04	6.17E-06	4.44E-07	3.46E-03	2.27E-04	7.48E-03	4.86E-04	7.42E-03	4.82E-04	7.04E-03	4.54E-04	8.83E-03	5.83E-04	8.83E-03	5.83E-04	1.31E-02	8.45E-04	7.48E-03	4.86E-04	8.55E-05	6.16E-06	7.06E-03	4.55E-04	5.85E-05	4.22E-06	7.07E-03	4.56E-04	2.53E-01	1.97E-02	3.60E-01	2.67E-02
220	Gridded	5.26E-03	3.25E-04	4.96E-06	3.73E-07	2.61E-03	1.62E-04	5.60E-03	3.47E-04	5.55E-03	3.44E-04	5.24E-03	3.24E-04	6.69E-03	4.16E-04	6.69E-03	4.16E-04	9.75E-03	6.03E-04	5.60E-03	3.47E-04	6.88E-05	5.18E-06	5.26E-03	3.25E-04	4.71E-05	3.54E-06	5.27E-03	3.26E-04	1.81E-01	1.74E-02	3.07E-01	2.55E-02
221	Gridded	3.35E-03	2.96E-04	4.63E-06	5.27E-07	1.55E-03	1.64E-04	3.46E-03	3.31E-04	3.44E-03	3.26E-04	3.35E-03	2.94E-04	3.80E-03	4.47E-04	3.80E-03	4.47E-04	6.22E-03	5.46E-04	3.46E-03	3.31E-04	6.42E-05	7.31E-06	3.35E-03	2.95E-04	4.39E-05	5.00E-06	3.36E-03	2.96E-04	1.65E-01	1.97E-02	3.33E-01	3.18E-02
222	Gridded	3.88E-03	4.18E-04	4.61E-06	6.93E-07	1.89E-03	2.28E-04	4.10E-03	4.65E-04	4.07E-03	4.59E-04	3.87E-03	4.16E-04	4.79E-03	6.17E-04	4.79E-03	6.17E-04	7.19E-03	7.74E-04	4.10E-03	4.65E-04	6.39E-05	9.61E-06	3.88E-03	4.17E-04	4.37E-05	6.58E-06	3.88E-03	4.19E-04	1.37E-01	1.65E-02	2.75E-01	2.43E-02
223	Gridded	4.24E-03	6.20E-04	5.12E-06	5.42E-07	2.07E-03	3.04E-04	4.48E-03	6.57E-04	4.45E-03	6.51E-04	4.23E-03	6.18E-04	5.27E-03	7.75E-04	5.27E-03	7.75E-04	7.86E-03	1.15E-03	4.48E-03	6.57E-04	7.09E-05	7.52E-06	4.24E-03	6.19E-04	4.85E-05	5.15E-06	4.24E-03	6.20E-04	1.48E-01	1.28E-02	2.80E-01	1.82E-02
224	Gridded	5.32E-03	6.03E-04	3.74E-06	2.96E-07	2.44E-03	2.74E-04	5.47E-03	6.18E-04	5.45E-03	6.16E-04	5.31E-03	6.03E-04	5.97E-03	6.65E-04	5.97E-03	6.65E-04	9.87E-03	1.12E-03	5.47E-03	6.18E-04	5.18E-05	4.10E-06	5.32E-03	6.03E-04	3.55E-05	2.80E-06	5.32E-03	6.04E-04	1.44E-01	1.22E-02	2.29E-01	1.47E-02
225	Gridded	3.02E-03	2.69E-04	3.63E-06	2.85E-07	1.46E-03	1.19E-04	3.18E-03	2.73E-04	3.16E-03	2.73E-04	3.02E-03	2.69E-04	3.69E-03	2.86E-04	3.69E-03	2.86E-04	5.60E-03	5.00E-04	3.18E-03	2.73E-04	5.04E-05	3.95E-06	3.02E-03	2.69E-04	3.45E-05	2.70E-06	3.02E-03	2.69E-04	1.46E-01	1.23E-02	2.14E-01	1.40E-02
226	Gridded	4.19E-03	2.98E-04	4.31E-06	2.97E-07	2.10E-03	1.49E-04	4.48E-03	3.18E-04	4.44E-03	3.16E-04	4.17E-03	2.97E-04	5.42E-03	3.84E-04	5.42E-03	3.84E-04	7.76E-03	5.53E-04	4.48E-03	3.18E-04	5.98E-05	4.12E-06	4.18E-03	2.98E-04	4.09E-05	2.82E-06	4.19E-03	2.99E-04	1.74E-01	1.39E-02	2.03E-01	1.35E-02
227	Gridded	4.31E-03	2.96E-04	3.74E-06	2.73E-07	2.11E-03	1.46E-04	4.56E-03	3.14E-04	4.52E-03	3.11E-04	4.29E-03	2.95E-04	5.38E-03	3.74E-04	5.38E-03	3.74E-04	7.98E-03	5.48E-04	4.56E-03	3.14E-04	5.19E-05	3.79E-06	4.30E-03	2.95E-04	3.55E-05	2.59E-06	4.31E-03	2.96E-04	1.68E-01	1.39E-02	2.41E-01	1.60E-02
228	Gridded	2.91E-03	2.44E-04	3.26E-06	2.58E-07	1.41E-03	1.22E-04	2.98E-03	2.60E-04	2.97E-03	2.58E-04	2.91E-03	2.43E-04	3.69E-03	3.14E-04	3.69E-03	3.14E-04	5.41E-03	4.52E-04	2.98E-03	2.60E-04	4.52E-05	3.58E-06	2.91E-03	2.44E-04	3.09E-05	2.45E-06	2.91E-03	2.44E-04	1.65E-01	1.20E-02	2.09E-01	1.53E-02
229	Gridded	3.52E-03	2.58E-04	3.40E-06	2.85E-07	1.75E-03	1.30E-04	3.75E-03	2.76E-04	3.72E-03	2.74E-04	3.51E-03	2.57E-04	4.49E-03	3.35E-04	4.49E-03	3.35E-04	6.52E-03	4.78E-04	3.75E-03	2.76E-04	4.72E-05	3.95E-06	3.51E-03	2.58E-04	3.23E-05	2.70E-06	3.52E-03	2.58E-04	1.49E-01	1.53E-02	1.82E-01	2.05E-02
230	Gridded	2.61E-03	2.70E-04	2.99E-06	3.09E-07	1.28E-03	1.37E-04	2.77E-03	2.91E-04	2.75E-03	2.88E-04	2.60E-03	2.69E-04	3.28E-03	3.58E-04	3.28E-03	3.58E-04	4.84E-03	5.00E-04	2.77E-03	2.91E-04	4.14E-05	4.28E-06	2.61E-03	2.69E-04	2.83E-05	2.93E-06	2.61E-03	2.70E-04	1.58E-01	1.67E-02	2.38E-01	2.18E-02
231	Gridded	3.30E-03	3.01E-04	3.95E-06	3.93E-07	1.69E-03	1.57E-04	3.56E-03	3.27E-04	3.53E-03	3.23E-04	3.28E-03	2.99E-04	4.43E-03	4.13E-04	4.43E-03	4.13E-04	6.11E-03	5.57E-04	3.56E-03	3.27E-04	5.47E-05	5.45E-06	3.29E-03	3.00E-04	3.75E-05	3.73E-06	3.30E-03	3.01E-04	1.47E-01	1.80E-02	1.90E-01	2.20E-02
232	Gridded	3.57E-03	4.02E-04	2.93E-06	3.53E-07	1.71E-03	1.97E-04	3.74E-03	4.26E-04	3.72E-03	4.23E-04	3.56E-03	4.01E-04	4.30E-03	5.04E-04	4.30E-03	5.04E-04	6.62E-03	7.46E-04	3.74E-03	4.26E-04	4.06E-05	4.90E-06	3.57E-03	4.02E-04	2.78E-05	3.35E-06	3.57E-03	4.03E-04	1.39E-01	1.71E-02	1.90E-01	1.77E-02
233	Gridded	2.18E-03	2.58E-04	2.42E-06	2.36E-07	9.98E-04	1.24E-04	2.24E-03	2.71E-04	2.23E-03	2.69E-04	2.18E-03	2.57E-04	2.47E-03	3.11E-04	2.47E-03	3.11E-04	4.05E-03	4.79E-04	2.24E-03	2.71E-04	3.36E-05	3.27E-06	2.18E-03	2.58E-04	2.30E-05	2.24E-06	2.18E-03	2.58E-04	9.33E-02	1.16E-02	1.95E-01	1.68E-02
234	Gridded	2.06E-03	1.89E-04	2.31E-06	1.94E-07	1.03E-03	9.49E-05	2.20E-03	2.03E-04	2.18E-03	2.01E-04	2.05E-03	1.89E-04	2.66E-03	2.45E-04	2.66E-03	2.45E-04	3.81E-03	3.51E-04	2.20E-03	2.03E-04	3.20E-05	2.69E-06	2.05E-03	1.89E-04	2.19E-05	1.84E-06	2.06E-03	1.90E-04	1.05E-01	1.18E-02	2.20E-01	1.87E-02
235	Gridded	2.09E-03	2.28E-04	2.02E-06	2.72E-07	1.04E-03	1.17E-04	2.22E-03	2.46E-04	2.21E-03	2.44E-04	2.08E-03	2.27E-04	2.67E-03	3.06E-04	2.67E-03	3.06E-04	3.87E-03	4.22E-04	2.22E-03	2.46E-04	2.80E-05	3.78E-06	2.09E-03	2.28E-04	1.92E-05	2.58E-06	2.09E-03	2.28E-04	9.61E-02	1.04E-02	2.61E-01	2.04E-02
236	Gridded	2.41E-03	3.02E-04	2.17E-06	2.81E-07	1.18E-03	1.49E-04	2.55E-03	3.21E-04	2.53E-03	3.19E-04	2.40E-03	3.01E-04	3.03E-03	3.83E-04	3.03E-03	3.83E-04	4.46E-03	5.60E-04	2.55E-03	3.21E-04	3.00E-05	3.90E-06	2.40E-03	3.02E-04	2.05E-05	2.67E-06	2.41E-03	3.02E-04	7.77E-02	9.78E-03	2.03E-01	2.11E-02
237	Gridded	2.50E-03	2.64E-04	2.30E-06	2.29E-07	1.23E-03	1.29E-04	2.66E-03	2.79E-04	2.64E-03	2.77E-04	2.49E-03	2.63E-04	3.16E-03	3.30E-04	3.16E-03	3.30E-04	4.64E-03	4.89E-04	2.66E-03	2.79E-04	3.19E-05	3.17E-06	2.50E-03	2.64E-04	2.18E-05	2.17E-06	2.50E-03	2.64E-04	7.78E-02	1.00E-02	2.40E-01	2.25E-02
238	Gridded	2.24E-03	1.83E-04	2.53E-06	1.95E-07	1.12E-03	8.98E-05	2.39E-03	1.94E-04	2.37E-03	1.92E-04	2.23E-03	1.82E-04	2.89E-03	2.30E-04	2.89E-03	2.30E-04	4.15E-03	3.38E-04	2.39E-03	1.94E-04	3.51E-05	2.70E-06	2.24E-03	1.82E-04	2.40E-05	1.85E-06	2.24E-03	1.83E-04	1.10E-01	1.10E-02	2.33E-01	2.42E-02
239	Gridded	2.01E-03	2.17E-04	3.28E-06	2.39E-07	1.09E-03	1.10E-04	2.23E-03	2.33E-04	2.20E-03	2.31E-04	1.99E-03	2.16E-04	2.95E-03	2.86E-04	2.95E-03	2.86E-04	3.71E-03	4.02E-04	2.23E-03	2.33E-04	4.54E-05	3.32E-06	2.00E-03	2.17E-04	3.11E-05	2.27E-06	2.01E-03	2.17E-04	1.34E-01	1.21E-02	2.39E-01	2.59E-02
240	Gridded	2.42E-03	2.62E-04	2.60E-06	2.53E-07	1.22E-03	1.30E-04	2.59E-03	2.79E-04	2.57E-03	2.76E-04	2.41E-03	2.61E-04	3.16E-03	3.34E-04	3.16E-03	3.34E-04	4.48E-03	4.85E-04	2.59E-03	2.79E-04	3.61E-05	3.51E-06	2.41E-03	2.61E-04	2.47E-05	2.40E-06	2.42E-03	2.62E-04	1.18E-01	1.36E-02	2.69E-01	2.66E-02
241	Gridded	2.37E-03	2.63E-04	1.90E-06	2.57E-07	1.15E-03	1.28E-04	2.50E-03	2.78E-04	2.48E-03	2.76E-04	2.36E-03	2.63E-04	2.91E-03	3.26E-04	2.91E-03	3.26E-04	4.39E-03	4.88E-04	2.50E-03	2.78E-04	2.63E-05	3.57E-06	2.37E-03	2.63E-04	1.80E-05	2.44E-06	2.37E-03	2.64E-04	1.01E-01	1.48E-02	2.48E-01	2.45E-02
242	Gridded	1.90E-03	2.95E-04	2.59E-06	2.88E-07	9.30E-04	1.47E-04	2.00E-03	3.14E-04	1.98E-03	3.11E-04	1.90E-03	2.94E-04	2.38E-03	3.77E-04	2.38E-03	3.77E-04	3.53E-03	5.46E-04	2.00E-03	3.14E-04	3.59E-05	4.00E-06	1.90E-03	2.94E-04	2.46E-05	2.74E-06	1.91E-03	2.95E-04	1.12E-01	1.53E-02	1.89E-01	1.90E-02
243	Gridded	1.89E-03	3.07E-04	3.42E-06	4.09E-07	9.45E-04	1.52E-04	2.02E-03	3.27E-04	2.00E-03	3.24E-04	1.88E-03	3.06E-04	2.46E-03	3.90E-04	2.46E-03	3.90E-04	3.50E-03	5.69E-04	2.02E-03	3.27E-04	4.74E-05	5.67E-06	1.89E-03	3.07E-04	3.25E-05	3.88E-06	1.89E-03	3.07E-04	1.01E-01	1.44E-02	1.26E-01	1.65E-02
244	Gridded	2.42E-03	2.90E-04	3.79E-06	5.78E-07	1.30E-03	1.43E-04	2.67E-03	3.08E-04	2.64E-03	3.05E-04	2.41E-03	2.89E-04	3.50E-03	4.04E-04	3.50E-03	4.04E-04	4.48E-03	5.38E-04	2.67E-03	3.08E-04	5.25E-05	8.02E-06	2.41E-03	2.90E-04	3.59E-05	5.49E-06	2.42E-03	2.90E-04	1.12E-01	1.19E-02	1.37E-01	1.82E-02
245	Gridded	3.75E-03	3.66E-04	5.81E-06	6.29E-07	1.85E-03	2.01E-04	3.98E-03	4.09E-04	3.95E-03	4.03E-04	3.74E-03	3.64E-04	4.73E-03	5.46E-04	4.73E-03	5.46E-04	6.95E-03	6.77E-04	3.98E-03	4.09E-04	8.06E-05	8.72E-06	3.74E-03	3.65E-04	5.51E-05	5.96E-06	3.75E-03	3.67E-04	1.53E-01	1.76E-02	1.87E-01	2.34E-02
246	Gridded	4.75E-03	4.74E-04	4.70E-06	4.58E-07	2.27E-03	2.28E-04	4.98E-03	4.98E-04	4.95E-03	4.94E-04	4.74E-03	4.73E-04	5.72E-03	5.75E-04	5.72E-03	5.75E-04	8.81E-03	8.79E-04	4.98E-03	4.98E-04	6.51E-05	6.35E-06	4.75E-03	4.73E-04	4.46E-05	4.34E-06	4.76E-03	4.74E-04	1.33E-01	1.89E-02	1.88E-01	1.99E-02
247	Gridded	4.53E-03	3.87E-04	3.34E-06	2.93E-07	2.01E-03	1.80E-04	4.59E-03	4.01E-04	4.58E-03	3.99E-04	4.53E-03	3.86E-04	5.08E-03	4.45E-04	5.08E-03	4.45E-04	8.41E-03	7.18E-04	4.59E-03	4.01E-04	4.63E-05	4.06E-06	4.53E-03	3.87E-04	3.17E-05	2.78E-06	4.53E-03	3.87E-04	1.69E-01	1.40E-02	1.84E-01	1.62E-02
248	Gridded	4.57E-03	3.77E-04	3.49E-06	3.27E-07	2.20E-03	1.85E-04	4.80E-03	3.99E-04	4.77E-03	3.96E-04	4.56E-03	3.76E-04	5.57E-03	4.71E-04	5.57E-03	4.71E-04	8.47E-03	6.99E-04	4.80E-03	3.99E-04	4.84E-05	4.54E-06	4.56E-03	3.77E-04	3.31E-05	3.10E-06	4.57E-03	3.78E-04	1.66E-01	1.76E-02	1.76E-01	1.79E-02
249	Gridded	3.76E-03	4.39E-04	3.48E-06	4.23E-07	1.86E-03	2.18E-04	4.00E-03	4.67E-04	3.96E-03	4.63E-04	3.75E-03	4.37E-04	4.76E-03	5.60E-04	4.76E-03	5.60E-04	6.97E-03	8.13E-04	4.00E-03	4.67E-04	4.82E-05	5.87E-06	3.76E-03	4.38E-04	3.30E-05	4.02E-06	3.76E-03	4.39E-04	1.60E-01	2.23E-02	1.86E-01	2.14E-02
250	Gridded	3.65E-03	5.07E-04	3.13E-06	4.81E-07	1.78E-03	2.51E-04	3.86E-03	5.39E-04	3.83E-03	5.35E-04	3.64E-03	5.05E-04	4.53E-03	6.44E-04	4.53E-03	6.44E-04	6.76E-03	9.39E-04	3.86E-03	5.39E-04	4.34E-05	6.67E-06	3.64E-03	5.06E-04	2.97E-05	4.56E-06	3.65E-03	5.07E-04	1.47E-01	2.49E-02	1.55E-01	2.36E-02
251	Gridded	3.03E-03	4.94E-04	3.37E-06	4.72E-07	1.54E-03	2.45E-04	3.26E-03	5.25E-04	3.23E-03	5.21E-04	3.02E-03	4.92E-04	4.00E-03	6.29E-04	4.00E-03	6.29E-04	5.62E-03	9.15E-04	3.26E-03	5.25E-04	4.67E-05	6.54E-06	3.03E-03	4.93E-04	3.19E-05	4.48E-06	3.04E-03	4.94E-04	1.48E-01	2.43E-02	1.56E-01	2.49E-02
252	Gridded	3.18E-03	5.39E-04	2.75E-06	4.96E-07	1.56E-03	2.66E-04	3.36E-03	5.72E-04	3.34E-03	5.68E-04	3.17E-03	5.37E-04	3.97E-03	6.81E-04	3.97E-03	6.81E-04	5.89E-03	9.99E-04	3.36E-03	5.72E-04	3.81E-05	6.88E-06	3.18E-03	5.38E-04	2.61E-05	4.71E-06	3.18E-03	5.39E-04	1.28E-01	2.48E-02	1.35E-01	2.44E-02
253	Gridded	2.62E-03	4.95E-04	2.96E-06	4.52E-07	1.24E-03	2.44E-04	2.73E-03	5.26E-04	2.71E-03	5.21E-04	2.61E-03	4.93E-04	3.08E-03	6.25E-04	3.08E-03	6.25E-04	4.85E-03	9.17E-04	2.73E-03	5.26E-04	4.10E-05	6.27E-06	2.61E-03	4.94E-04	2.80E-05	4.29E-06	2.62E-03	4.95E-04	1.14E-01	2.17E-02	1.57E-01	2.11E-02
254	Gridded	1.95E-03	3.72E-04	3.36E-06	3.98E-07	9.65E-04	1.84E-04	2.06E-03	3.96E-04	2.04E-03	3.92E-04	1.94E-03	3.71E-04	2.49E-03	4.71E-04	2.49E-03	4.71E-04	3.61E-03	6.90E-04	2.06E-03	3.96E-04	4.66E-05	5.51E-06	1.94E-03	3.72E-04	3.19E-05	3.77E-06	1.95E-03	3.73E-04	9.02E-02	1.93E-02	1.44E-01	2.27E-02
255	Gridded	1.98E-03	4.16E-04	2.68E-06	4.15E-07	9.74E-04	2.08E-04	2.10E-03	4.44E-04	2.08E-03	4.40E-04	1.97E-03	4.14E-04	2.49E-03	5.35E-04	2.49E-03	5.35E-04	3.67E-03	7.70E-04	2.10E-03	4.44E-04	3.71E-05	5.75E-06	1.98E-03	4.15E-04	2.54E-05	3.93E-06	1.98E-03	4.16E-04	8.65E-02	2.25E-02	1.56E-01	2.38E-02
256	Gridded	2.58E-03	3.40E-04	3.12E-06	4.17E-07	1.29E-03	1.75E-04	2.75E-03	3.68E-04	2.73E-03	3.64E-04	2.57E-03	3.38E-04	3.32E-03	4.60E-04	3.32E-03	4.60E-04	4.78E-03	6.30E-04	2.75E-03	3.68E-04	4.33E-05	5.78E-06	2.57E-03	3.39E-04	2.96E-05	3.96E-06	2.58E-03	3.40E-04	1.07E-01	1.43E-02	1.46E-01	2.03E-02
257	Gridded	2.85E-03	3.40E-04	3.12E-06	3.53E-07	1.44E-03	1.67E-04	3.06E-03	3.60E-04	3.03E-03	3.57E-04	2.84E-03	3.39E-04	3.74E-03	4.33E-04	3.74E-03	4.33E-04	5.28E-03	6.31E-04	3.06E-03	3.60E-04	4.33E-05	4.90E-06	2.84E-03	3.40E-04	2.96E-05	3.35E-06	2.85E-03	3.40E-04	9.88E-02	1.47E-02	1.77E-01	2.39E-02
258	Gridded	2.91E-03	3.11E-04	2.75E-06	2.84E-07	1.41E-03	1.49E-04	3.06E-03	3.26E-04	3.04E-03	3.24E-04	2.90E-03	3.10E-04	3.57E-03	3.75E-04	3.57E-03	3.75E-04	5.39E-03	5.77E-04	3.06E-03	3.26E-04	3.82E-05	3.94E-06	2.90E-03	3.11E-04	2.61E-05	2.69E-06	2.91E-03	3.11E-04	9.75E-02	1.46E-02	2.01E-01	2.42E-02
259	Gridded	4.06E-03	3.17E-04	3.60E-06	2.84E-07	1.99E-03	1.45E-04	4.30E-03	3.26E-04	4.26E-03	3.24E-04	4.04E-03	3.16E-04	5.09E-03	3.55E-04	5.09E-03	3.55E-04	7.52E-03	5.87E-04	4.30E-03	3.26E-04	5.00E-05	3.93E-06	4.05E-03	3.16E-04	3.42E-05	2.69E-06	4.06E-03	3.17E-04	1.53E-01	1.44E-02	2.10E-01	2.15E-02
260	Gridded	4.69E-03	2.76E-04	4.18E-06	2.93E-07	2.31E-03	1.37E-04	4.97E-03	2.94E-04	4.93E-03	2.92E-04	4.67E-03	2.75E-04	5.89E-03	3.53E-04	5.89E-03	3.53E-04	8.69E-03	5.12E-04	4.97E-03	2.94E-04	5.80E-05	4.07E-06	4.68E-03	2.76E-04	3.97E-05	2.78E-06	4.69E-03	2.76E-04	1.69E-01	1.39E-02	1.92E-01	1.91E-02
261	Gridded	3.52E-03	2.42E-04	3.49E-06	2.81E-07	1.73E-03	1.20E-04	3.74E-03	2.57E-04	3.71E-03	2.55E-04	3.51E-03	2.41E-04	4.42E-03	3.08E-04	4.42E-03	3.08E-04	6.53E-03	4.48E-04	3.74E-03	2.57E-04	4.84E-05	3.90E-06	3.52E-03	2.41E-04	3.31E-05	2.67E-06	3.53E-03	2.42E-04	1.32E-01	1.48E-02	1.99E-01	2.19E-02
262	Gridded	3.08E-03	2.46E-04	2.70E-06	2.75E-07	1.42E-03	1.14E-04	3.17E-03	2.52E-04	3.16E-03	2.51E-04	3.08E-03	2.45E-04	3.47E-03	2.98E-04	3.47E-03	2.98E-04	5.71E-03	4.56E-04	3.17E-03	2.52E-04	3.74E-05	3.81E-06	3.08E-03	2.46E-04	2.56E-05	2.61E-06	3.08E-03	2.46E-04	1.15E-01	1.61E-02	2.10E-01	2.27E-02
263	Gridded	3.15E-03	2.73E-04	2.37E-06	2.77E-07	1.42E-03	1.37E-04	3.22E-03	2.92E-04	3.21E-03	2.89E-04	3.15E-03	2.72E-04	3.50E-03	3.53E-04	3.50E-03	3.53E-04	5.85E-03	5.06E-04	3.22E-03	2.92E-04	3.28E-05	3.84E-06	3.15E-03	2.73E-04	2.25E-05	2.63E-06	3.15E-03	2.74E-04	1.08E-01	1.76E-02	2.59E-01	2.75E-02
264	Gridded	3.71E-03	3.32E-04	3.04E-06	3.22E-07	1.69E-03	1.65E-04	3.81E-03	3.53E-04	3.80E-03	3.50E-04	3.71E-03	3.30E-04	4.13E-03	4.24E-04	4.13E-03	4.24E-04	6.88E-03	6.14E-04	3.81E-03	3.53E-04	4.22E-05	4.46E-06	3.71E-03	3.31E-04	2.89E-05	3.05E-06	3.71E-03	3.32E-04	1.25E-01	2.12E-02	2.65E-01	3.32E-02
265	Gridded	3.78E-03	2.96E-04	3.30E-06	3.17E-07	1.75E-03	1.46E-04	3.91E-03	3.12E-04	3.89E-03	3.10E-04	3.77E-03	2.95E-04	4.33E-03	3.79E-04	4.33E-03	3.79E-04	7.01E-03	5.49E-04	3.91E-03	3.12E-04	4.57E-05	4.40E-06	3.78E-03	2.96E-04	3.13E-05	3.01E-06	3.78E-03	2.96E-04	1.74E-01	2.09E-02	3.05E-01	3.22E-02
266	Gridded	3.40E-03	3.16E-04	3.14E-06	2.68E-07	1.61E-03	1.43E-04	3.55E-03	3.23E-04	3.53E-03	3.22E-04	3.39E-03	3.15E-04	4.03E-03	3.45E-04	4.03E-03	3.45E-04	6.31E-03	5.86E-04	3.55E-03	3.23E-04	4.36E-05	3.71E-06	3.40E-03	3.16E-04	2.98E-05	2.54E-06	3.40E-03	3.16E-04	1.69E-01	2.19E-02	3.13E-01	3.62E-02
267	Gridded	3.34E-03	3.71E-04	4.44E-06	4.68E-07	1.74E-03	1.92E-04	3.63E-03	4.03E-04	3.59E-03	3.98E-04	3.33E-03	3.69E-04	4.57E-03	5.05E-04	4.57E-03	5.05E-04	6.19E-03	6.87E-04	3.63E-03	4.03E-04	6.15E-05	6.48E-06	3.34E-03	3.70E-04	4.21E-05	4.44E-06	3.35E-03	3.71E-04	1.35E-01	2.54E-02	3.05E-01	4.22E-02
268	Gridded	4.59E-03	6.54E-04	4.24E-06	6.19E-07	2.26E-03	3.24E-04	4.87E-03	6.96E-04	4.83E-03	6.90E-04	4.57E-03	6.51E-04	5.79E-03	8.31E-04	5.79E-03	8.31E-04	8.50E-03	1.21E-03	4.87E-03	6.96E-04	5.88E-05	8.59E-06	4.58E-03	6.53E-04	4.02E-05	5.88E-06	4.59E-03	6.54E-04	1.77E-01	2.51E-02	3.09E-01	3.33E-02
269	Gridded	5.27E-03	6.91E-04	4.98E-06	6.29E-07	2.56E-03	3.40E-04	5.56E-03	7.33E-04	5.52E-03	7.27E-04	5.26E-03	6.88E-04	6.49E-03	8.71E-04	6.49E-03	8.71E-04	9.78E-03	1.28E-03	5.56E-03	7.33E-04	6.91E-05	8.72E-06	5.27E-03	6.90E-04	4.73E-05	5.96E-06	5.28E-03	6.91E-04	2.07E-01	2.38E-02	3.17E-01	3.63E-02

Scenario 4 Results

270 Gridded	6.54E-03	5.32E-04	6.22E-06	5.28E-07	3.20E-03	2.65E-04	6.92E-03	5.67E-04	6.86E-03	5.62E-04	6.52E-03	5.30E-04	8.15E-03	6.82E-04	8.15E-03	6.82E-04	1.21E-02	9.86E-04	6.92E-03	5.67E-04	8.62E-05	7.32E-06	6.53E-03	5.31E-04	5.90E-05	5.01E-06	6.54E-03	5.32E-04	2.68E-01	2.27E-02	4.03E-01	3.28E-02
271 Gridded	6.76E-03	4.58E-04	6.10E-06	4.80E-07	3.33E-03	2.25E-04	7.17E-03	4.86E-04	7.11E-03	4.82E-04	6.73E-03	4.57E-04	8.51E-03	5.75E-04	8.51E-03	5.75E-04	1.25E-02	8.49E-04	7.17E-03	4.86E-04	8.46E-05	6.65E-06	6.75E-03	4.58E-04	5.79E-05	4.55E-06	6.76E-03	4.58E-04	2.59E-01	1.83E-02	3.73E-01	2.97E-02
272 Gridded	3.63E-03	3.18E-04	5.08E-06	5.42E-07	1.74E-03	1.75E-04	3.80E-03	3.54E-04	3.78E-03	3.49E-04	3.62E-03	3.16E-04	4.38E-03	4.73E-04	4.38E-03	4.73E-04	6.72E-03	5.88E-04	3.80E-03	3.54E-04	7.05E-05	7.52E-06	3.62E-03	3.17E-04	4.82E-05	5.14E-06	3.63E-03	3.18E-04	2.04E-01	2.13E-02	3.73E-01	3.38E-02
273 Gridded	3.77E-03	3.96E-04	4.53E-06	7.34E-07	1.89E-03	2.22E-04	4.03E-03	4.46E-04	4.00E-03	4.39E-04	3.76E-03	3.94E-04	4.88E-03	6.07E-04	4.88E-03	6.07E-04	6.99E-03	7.33E-04	4.03E-03	4.46E-04	6.28E-05	1.02E-05	3.77E-03	3.95E-04	4.30E-05	6.96E-06	3.78E-03	3.97E-04	1.69E-01	1.91E-02	3.33E-01	2.98E-02
274 Gridded	4.12E-03	5.97E-04	5.47E-06	6.10E-07	2.03E-03	2.99E-04	4.37E-03	6.38E-04	4.34E-03	6.32E-04	4.10E-03	5.94E-04	5.20E-03	7.72E-04	5.20E-03	7.72E-04	7.63E-03	1.11E-03	4.37E-03	6.38E-04	7.59E-05	8.46E-06	4.11E-03	5.96E-04	5.20E-05	5.79E-06	4.12E-03	5.97E-04	1.51E-01	1.26E-02	2.79E-01	2.06E-02
275 Gridded	5.29E-03	6.48E-04	3.71E-06	3.08E-07	2.45E-03	2.95E-04	5.47E-03	6.65E-04	5.45E-03	6.62E-04	5.28E-03	6.47E-04	6.04E-03	7.20E-04	6.04E-03	7.20E-04	9.82E-03	1.20E-03	5.47E-03	6.65E-04	5.15E-05	4.27E-06	5.29E-03	6.47E-04	3.52E-05	2.92E-06	5.30E-03	6.48E-04	1.41E-01	1.31E-02	2.69E-01	1.52E-02
276 Gridded	3.50E-03	3.24E-04	3.42E-06	2.89E-07	1.53E-03	1.43E-04	3.53E-03	3.28E-04	3.53E-03	3.28E-04	3.50E-03	3.24E-04	3.85E-03	3.43E-04	3.85E-03	3.43E-04	6.50E-03	6.01E-04	3.53E-03	3.28E-04	4.74E-05	4.01E-06	3.50E-03	3.24E-04	3.25E-05	2.74E-06	3.50E-03	3.24E-04	1.50E-01	1.26E-02	2.17E-01	1.47E-02
277 Gridded	4.06E-03	3.05E-04	4.33E-06	3.08E-07	2.04E-03	1.52E-04	4.35E-03	3.25E-04	4.31E-03	3.22E-04	4.04E-03	3.03E-04	5.30E-03	3.93E-04	5.30E-03	3.93E-04	7.52E-03	5.64E-04	4.35E-03	3.25E-04	6.00E-05	4.27E-06	4.05E-03	3.04E-04	4.11E-05	2.92E-06	4.06E-03	3.05E-04	1.75E-01	1.44E-02	2.08E-01	1.44E-02
278 Gridded	4.25E-03	2.95E-04	3.81E-06	2.79E-07	2.09E-03	1.46E-04	4.50E-03	3.14E-04	4.47E-03	3.11E-04	4.23E-03	2.94E-04	5.34E-03	3.75E-04	5.34E-03	3.75E-04	7.87E-03	5.47E-04	4.50E-03	3.14E-04	5.29E-05	3.86E-06	4.24E-03	2.95E-04	3.62E-05	2.64E-06	4.25E-03	2.95E-04	1.72E-01	1.44E-02	2.42E-01	1.68E-02
279 Gridded	2.90E-03	2.41E-04	3.40E-06	2.66E-07	1.47E-03	1.21E-04	3.11E-03	2.58E-04	3.07E-03	2.56E-04	2.90E-03	2.40E-04	3.85E-03	3.13E-04	3.85E-03	3.13E-04	5.38E-03	4.47E-04	3.11E-03	2.58E-04	4.72E-05	3.68E-06	2.90E-03	2.41E-04	3.23E-05	2.52E-06	2.90E-03	2.41E-04	1.73E-01	1.24E-02	2.19E-01	1.60E-02
280 Gridded	3.59E-03	2.67E-04	3.42E-06	2.94E-07	1.78E-03	1.34E-04	3.82E-03	2.86E-04	3.79E-03	2.83E-04	3.58E-03	2.66E-04	4.57E-03	3.46E-04	4.57E-03	3.46E-04	6.65E-03	4.95E-04	3.82E-03	2.86E-04	4.74E-05	4.08E-06	3.58E-03	2.67E-04	3.25E-05	2.79E-06	3.59E-03	2.67E-04	1.53E-01	1.59E-02	2.00E-01	2.13E-02
281 Gridded	2.58E-03	2.76E-04	3.18E-06	3.16E-07	1.27E-03	1.41E-04	2.74E-03	2.97E-04	2.71E-03	2.94E-04	2.58E-03	2.75E-04	3.23E-03	3.67E-04	3.23E-03	3.67E-04	4.79E-03	5.11E-04	2.74E-03	2.97E-04	4.41E-05	4.38E-06	2.58E-03	2.76E-04	3.02E-05	3.00E-06	2.59E-03	2.76E-04	1.63E-01	1.72E-02	2.38E-01	2.24E-02
282 Gridded	3.35E-03	3.17E-04	3.75E-06	3.96E-07	1.70E-03	1.64E-04	3.60E-03	3.44E-04	3.57E-03	3.40E-04	3.33E-03	3.16E-04	4.42E-03	4.31E-04	4.42E-03	4.31E-04	6.20E-03	5.87E-04	3.60E-03	3.44E-04	5.19E-05	5.49E-06	3.34E-03	3.17E-04	3.55E-05	3.76E-06	3.35E-03	3.17E-04	1.49E-01	1.82E-02	1.90E-01	2.18E-02
283 Gridded	3.14E-03	3.76E-04	2.60E-06	3.16E-07	1.49E-03	1.83E-04	3.28E-03	3.97E-04	3.26E-03	3.94E-04	3.14E-03	3.75E-04	3.73E-03	4.66E-04	3.73E-03	4.66E-04	5.83E-03	6.97E-04	3.28E-03	3.97E-04	3.60E-05	4.38E-06	3.14E-03	3.75E-04	2.47E-05	3.00E-06	3.15E-03	3.76E-04	1.26E-01	1.61E-02	1.87E-01	1.81E-02
284 Gridded	2.80E-03	2.24E-04	2.43E-06	2.40E-07	1.28E-03	1.09E-04	2.87E-03	2.35E-04	2.86E-03	2.34E-04	2.79E-03	2.24E-04	3.12E-03	2.84E-04	3.12E-03	2.84E-04	5.19E-03	4.16E-04	2.87E-03	2.35E-04	3.38E-05	3.33E-06	2.79E-03	2.24E-04	2.31E-05	2.28E-06	2.80E-03	2.25E-04	8.89E-02	1.22E-02	2.24E-01	1.76E-02
285 Gridded	2.36E-03	1.90E-04	2.07E-06	2.11E-07	1.05E-03	9.44E-05	2.39E-03	2.02E-04	2.39E-03	2.00E-04	2.36E-03	1.89E-04	2.69E-03	2.43E-04	2.69E-03	2.43E-04	4.38E-03	3.51E-04	2.39E-03	2.02E-04	2.87E-05	2.92E-06	2.36E-03	1.89E-04	1.96E-05	2.00E-06	2.36E-03	1.90E-04	1.10E-01	1.18E-02	2.38E-01	2.08E-02
286 Gridded	1.88E-03	2.66E-04	2.15E-06	2.97E-07	8.78E-04	1.35E-04	1.89E-03	2.86E-04	1.88E-03	2.83E-04	1.88E-03	2.65E-04	2.31E-03	3.51E-04	2.31E-03	3.51E-04	3.49E-03	4.93E-04	1.89E-03	2.86E-04	2.99E-05	4.12E-06	1.88E-03	2.66E-04	2.04E-05	2.82E-06	1.88E-03	2.66E-04	8.45E-02	1.04E-02	2.64E-01	2.13E-02
287 Gridded	2.20E-03	3.17E-04	2.19E-06	2.83E-07	1.06E-03	1.56E-04	2.32E-03	3.36E-04	2.30E-03	3.33E-04	2.19E-03	3.16E-04	2.69E-03	3.98E-04	2.69E-03	3.98E-04	4.08E-03	5.87E-04	2.32E-03	3.36E-04	3.04E-05	3.93E-06	2.20E-03	3.16E-04	2.08E-05	2.69E-06	2.20E-03	3.17E-04	8.37E-02	9.97E-03	2.01E-01	2.19E-02
288 Gridded	2.07E-03	2.49E-04	2.08E-06	2.17E-07	1.03E-03	1.22E-04	2.20E-03	2.64E-04	2.18E-03	2.61E-04	2.07E-03	2.48E-04	2.66E-03	3.11E-04	2.66E-03	3.11E-04	3.85E-03	4.61E-04	2.20E-03	2.64E-04	2.88E-05	3.01E-06	2.07E-03	2.49E-04	1.97E-05	2.06E-06	2.07E-03	2.49E-04	8.96E-02	1.09E-02	2.52E-01	2.34E-02
289 Gridded	1.86E-03	1.94E-04	2.92E-06	2.26E-07	9.35E-04	9.92E-05	1.99E-03	2.10E-04	1.97E-03	2.07E-04	1.85E-03	1.93E-04	2.42E-03	2.59E-04	2.42E-03	2.59E-04	3.44E-03	3.60E-04	1.99E-03	2.10E-04	4.05E-05	3.13E-06	1.85E-03	1.94E-04	2.77E-05	2.14E-06	1.86E-03	1.94E-04	1.24E-01	1.22E-02	2.15E-01	2.57E-02
290 Gridded	2.19E-03	2.49E-04	3.24E-06	2.63E-07	1.17E-03	1.25E-04	2.41E-03	2.67E-04	2.38E-03	2.65E-04	2.18E-03	2.48E-04	3.12E-03	3.25E-04	3.12E-03	3.25E-04	4.05E-03	4.62E-04	2.41E-03	2.67E-04	4.49E-05	3.65E-06	2.18E-03	2.49E-04	3.07E-05	2.50E-06	2.19E-03	2.50E-04	1.34E-01	1.35E-02	2.59E-01	2.79E-02
291 Gridded	2.44E-03	2.80E-04	2.28E-06	2.52E-07	1.20E-03	1.38E-04	2.59E-03	2.97E-04	2.57E-03	2.94E-04	2.43E-03	2.79E-04	3.08E-03	3.52E-04	3.08E-03	3.52E-04	4.52E-03	5.18E-04	2.59E-03	2.97E-04	3.16E-05	3.50E-06	2.44E-03	2.79E-04	2.16E-05	2.39E-06	2.44E-03	2.80E-04	1.06E-01	1.50E-02	2.66E-01	2.79E-02
292 Gridded	2.21E-03	2.91E-04	2.08E-06	2.94E-07	1.07E-03	1.45E-04	2.33E-03	3.11E-04	2.32E-03	3.08E-04	2.21E-03	2.90E-04	2.73E-03	3.75E-04	2.73E-03	3.75E-04	4.10E-03	5.39E-04	2.33E-03	3.11E-04	2.88E-05	4.08E-06	2.21E-03	2.90E-04	1.97E-05	2.79E-06	2.21E-03	2.91E-04	1.21E-01	1.57E-02	2.41E-01	2.37E-02
293 Gridded	1.98E-03	3.21E-04	2.75E-06	3.09E-07	9.53E-04	1.60E-04	2.08E-03	3.42E-04	2.06E-03	3.39E-04	1.97E-03	3.20E-04	2.41E-03	4.10E-04	2.41E-03	4.10E-04	3.67E-03	5.95E-04	2.08E-03	3.42E-04	3.81E-05	4.28E-06	1.98E-03	3.21E-04	2.61E-05	2.93E-06	1.98E-03	3.22E-04	1.20E-01	1.61E-02	1.72E-01	1.93E-02
294 Gridded	2.40E-03	3.21E-04	3.45E-06	4.47E-07	1.19E-03	1.58E-04	2.55E-03	3.41E-04	2.53E-03	3.38E-04	2.39E-03	3.20E-04	3.04E-03	4.05E-04	3.04E-03	4.05E-04	4.45E-03	5.95E-04	2.55E-03	3.41E-04	4.79E-05	6.20E-06	2.40E-03	3.21E-04	3.28E-05	4.24E-06	2.40E-03	3.21E-04	1.08E-01	1.42E-02	1.63E-01	1.58E-02
295 Gridded	3.14E-03	2.79E-04	4.68E-06	5.93E-07	1.61E-03	1.37E-04	3.40E-03	2.96E-04	3.36E-03	2.93E-04	3.13E-03	2.78E-04	4.22E-03	3.93E-04	4.22E-03	3.93E-04	5.82E-03	5.17E-04	3.40E-03	2.96E-04	6.48E-05	8.23E-06	3.14E-03	2.79E-04	4.44E-05	5.63E-06	3.15E-03	2.79E-04	1.42E-01	1.50E-02	1.80E-01	2.39E-02
296 Gridded	3.86E-03	3.90E-04	6.38E-06	6.16E-07	1.89E-03	1.95E-04	4.09E-03	4.17E-04	4.06E-03	4.13E-04	3.85E-03	3.89E-04	4.83E-03	5.25E-04	4.83E-03	5.25E-04	7.15E-03	7.23E-04	4.09E-03	4.17E-04	8.85E-05	8.54E-06	3.85E-03	3.89E-04	6.05E-05	5.84E-06	3.86E-03	3.90E-04	1.53E-01	1.87E-02	2.12E-01	2.41E-02
297 Gridded	4.60E-03	4.63E-04	4.45E-06	4.10E-07	2.18E-03	2.22E-04	4.80E-03	4.86E-04	4.77E-03	4.83E-04	4.59E-03	4.61E-04	5.43E-03	5.61E-04	5.43E-03	5.61E-04	8.53E-03	8.58E-04	4.80E-03	4.86E-04	6.18E-05	5.68E-06	4.60E-03	4.62E-04	4.23E-05	3.89E-06	4.60E-03	4.63E-04	1.29E-01	1.75E-02	1.67E-01	1.64E-02
298 Gridded	4.57E-03	4.02E-04	3.72E-06	3.21E-07	2.22E-03	1.84E-04	4.82E-03	4.14E-04	4.79E-03	4.12E-04	4.56E-03	4.02E-04	5.64E-03	4.51E-04	5.64E-03	4.51E-04	8.48E-03	7.46E-04	4.82E-03	4.14E-04	5.16E-05	4.45E-06	4.57E-03	4.02E-04	3.53E-05	3.04E-06	4.58E-03	4.02E-04	1.81E-01	1.73E-02	1.87E-01	1.85E-02
299 Gridded	4.13E-03	4.45E-04	3.92E-06	4.37E-07	2.05E-03	2.22E-04	4.40E-03	4.74E-04	4.36E-03	4.70E-04	4.12E-03	4.43E-04	5.25E-03	5.70E-04	5.25E-03	5.70E-04	7.65E-03	8.25E-04	4.40E-03	4.74E-04	5.44E-05	6.05E-06	4.13E-03	4.44E-04	3.72E-05	4.14E-06	4.13E-03	4.45E-04	1.78E-01	2.30E-02	2.01E-01	2.36E-02
300 Gridded	4.12E-03	5.59E-04	3.69E-06	5.34E-07	2.03E-03	2.78E-04	4.37E-03	5.96E-04	4.33E-03	5.90E-04	4.11E-03	5.57E-04	5.18E-03	7.13E-04	5.18E-03	7.13E-04	7.64E-03	1.04E-03	4.37E-03	5.96E-04	5.12E-05	7.41E-06	4.12E-03	5.59E-04	3.50E-05	5.07E-06	4.12E-03	5.60E-04	1.75E-01	2.77E-02	1.88E-01	2.64E-02
301 Gridded	3.28E-03	5.44E-04	3.65E-06	5.11E-07	1.66E-03	2.69E-04	3.53E-03	5.78E-04	3.49E-03	5.74E-04	3.27E-03	5.42E-04	4.33E-03	6.90E-04	4.33E-03	6.90E-04	6.08E-03	1.01E-03	3.53E-03	5.78E-04	5.06E-05	7.08E-06	3.28E-03	5.43E-04	3.46E-05	4.85E-06	3.28E-03	5.44E-04	1.65E-01	2.63E-02	1.75E-01	2.67E-02
302 Gridded	3.06E-03	5.41E-04	2.64E-06	4.86E-07	1.50E-03	2.66E-04	3.24E-03	5.74E-04	3.21E-03	5.69E-04	3.05E-03	5.39E-04	3.82E-03	6.80E-04	3.82E-03	6.80E-04	5.67E-03	1.00E-03	3.24E-03	5.74E-04	3.67E-05	6.73E-06	3.06E-03	5.40E-04	2.51E-05	4.61E-06	3.06E-03	5.41E-04	1.29E-01	2.53E-02	1.42E-01	2.51E-02
303 Gridded	3.11E-03	4.65E-04	2.46E-06	4.10E-07	1.51E-03	2.28E-04	3.28E-03	4.93E-04	3.26E-03	4.89E-04	3.10E-03	4.63E-04	3.82E-03	5.82E-04	3.82E-03	5.82E-04	5.77E-03	8.62E-04	3.28E-03	4.93E-04	3.41E-05	5.69E-06	3.11E-03	4.64E-04	2.33E-05	3.89E-06	3.12E-03	4.65E-04	1.18E-01	2.11E-02	1.64E-01	2.25E-02
304 Gridded	2.06E-03	3.59E-04	3.28E-06	4.17E-07	1.08E-03	1.77E-04	2.21E-03	3.82E-04	2.18E-03	3.78E-04	2.05E-03	3.58E-04	2.93E-03	4.54E-04	2.93E-03	4.54E-04	3.82E-03	6.66E-04	2.21E-03	3.82E-04	4.55E-05	5.78E-06	2.06E-03	3.59E-04	3.11E-05	3.95E-06	2.06E-03	3.60E-04	9.37E-02	1.96E-02	1.60E-01	2.38E-02
305 Gridded	2.05E-03	4.22E-04	3.57E-06	4.41E-07	1.02E-03	2.12E-04	2.19E-03	4.51E-04	2.17E-03	4.47E-04	2.04E-03	4.20E-04	2.65E-03	5.48E-04	2.65E-03	5.48E-04	3.79E-03	7.81E-04	2.19E-03	4.51E-04	4.95E-05	6.11E-06	2.04E-03	4.21E-04	3.39E-05	4.18E-06	2.05E-03	4.22E-04	9.00E-02	2.13E-02	2.00E-01	2.43E-02
306 Gridded	2.43E-03	5.13E-04	2.91E-06	5.55E-07	1.23E-03	2.59E-04	2.61E-03	5.50E-04	2.58E-03	5.45E-04	2.42E-03	5.10E-04	3.20E-03	6.71E-04	3.20E-03	6.71E-04	4.49E-03	9.49E-04	2.61E-03	5.50E-04	4.04E-05	7.69E-06	2.42E-03	5.12E-04	2.76E-05	5.26E-06	2.43E-03	5.13E-04	1.16E-01	2.96E-02	2.08E-01	3.03E-02
307 Gridded	2.71E-03	3.34E-04	2.68E-06	4.44E-07	1.27E-03	1.74E-04	2.81E-03	3.64E-04	2.80E-03	3.60E-04	2.70E-03	3.32E-04	3.16E-03	4.61E-04	3.16E-03	4.61E-04	5.02E-03	6.18E-04	2.81E-03	3.64E-04	3.71E-05	6.16E-06	2.70E-03	3.33E-04	2.54E-05	4.22E-06	2.71E-03	3.34E-04	1.10E-01	1.63E-02	1.68E-01	2.34E-02
308 Gridded	2.78E-03	3.46E-04	3.45E-06	4.30E-07	1.39E-03	1.79E-04	2.96E-03	3.75E-04	2.94E-03	3.71E-04	2.77E-03	3.44E-04	3.58E-03	4.69E-04	3.58E-03	4.69E-04	5.14E-03	6.40E-04	2.96E-03	3.75E-04	4.78E-05	5.97E-06	2.77E-03	3.45E-04	3.27E-05	4.08E-06	2.78E-03	3.46E-04	1.12E-01	1.54E-02	1.87E-01	2.15E-02
309 Gridded	2.96E-03	3.51E-04	3.34E-06	3.67E-07	1.50E-03	1.72E-04	3.18E-03	3.71E-04	3.15E-03	3.68E-04	2.95E-03	3.50E-04	3.92E-03	4.45E-04	3.92E-03	4.45E-04	5.48E-03	6.50E-04	3.18E-03	3.71E-04	4.64E-05	5.09E-06	2.95E-03	3.51E-04	3.17E-05	3.48E-06	2.96E-03	3.51E-04	9.86E-02	1.58E-02	1.92E-01	2.51E-02
310 Gridded	2.97E-03	3.20E-04	2.87E-06	2.92E-07	1.44E-03	1.53E-04	3.13E-03	3.35E-04	3.11E-03	3.33E-04	2.96E-03	3.20E-04	3.65E-03	3.84E-04	3.65E-03	3.84E-04	5.50E-03	5.94E-04	3.13E-03	3.35E-04	3.98E-05	4.05E-06	2.96E-03	3.20E-04	2.72E-05	2.77E-06	2.97E-03	3.21E-04	1.24E-01	1.57E-02	1.79E-01	2.61E-02
311 Gridded	4.58E-03	3.23E-04	4.17E-06	2.95E-07	2.26E-03	1.48E-04	4.86E-03	3.32E-04	4.82E-03	3.31E-04	4.56E-03	3.22E-04	5.77E-03	3.62E-04	5.77E-03	3.62E-04	8.48E-03	5.98E-04	4.86E-03	3.32E-04	5.78E-05	4.09E-06	4.57E-03	3.22E-04	3.95E-05	2.80E-06	4.58E-03	3.23E-04	1.77E-01	1.52E-02	1.83E-01	2.35E-02
312 Gridded	5.07E-03	2.92E-04	4.44E-06	3.14E-07	2.49E-03	1.45E-04	5.37E-03	3.10E-04	5.33E-03	3.08E-04	5.05E-03	2.91E-04	6.34E-03	3.72E-04	6.34E-03	3.72E-04	9.40E-03	5.40E-04	5.37E-03	3.10E-04	6.15E-05	4.36E-06	5.06E-03	2.91E-04	4.21E-05	2.98E-06	5.07E-03	2.92E-04	1.81E-01	1.42E-02	1.82E-01	2.04E-02
313 Gridded	4.67E-03	3.03E-04	3.43E-06	2.97E-07	2.16E-03	1.40E-04	4.82E-03	3.13E-04	4.80E-03	3.11E-04	4.66E-03	3.03E-04	5.32E-03	3.45E-04	5.32E-03	3.45E-04	8.66E-03	5.62E-04	4.82E-03	3.13E-04	4.76E-05	4.12E-06	4.67E-03	3.03E-04	3.26E-05	2.82E-06	4.67E-03	3.03E-04	1.33E-01	1.55E-02	2.21E-01	2.38E-02
314 Gridded	4.48E-03	3.19E-04	2.64E-06	2.89E-07	2.09E-03	1.49E-04	4.64E-03	3.31E-04	4.62E-03	3.29E-04	4.47E-03	3.18E-04	5.19E-03	3.69E-04	5.19E-03	3.69E-04	8.30E-03	5.91E-04	4.64E-03	3.31E-04	3.67E-05	4.00E-06	4.47E-03	3.19E-04	2.51E-05	2.74E-06	4.48E-03	3.19E-04	1.19E-01	1.72E-02	2.32E-01	2.55E-02
315 Gridded	3.81E-03	3.34E-04	2.75E-06	3.30E-07	1.80E-03	1.67E-04	3.97E-03	3.57E-04	3.95E-03	3.54E-04	3.80E-03	3.33E-04	4.48E-03	4.29E-04	4.48E-03	4.29E-04	7.07E-03	6.20E-04	3.97E-03	3.57E-04	3.81E-05	4.58E-06	3.81E-03	3.34E-04	2.61E-05	3.13E-06	3.82E-03	3.35E-04	1.27E-01	2.11E-02	3.34E-01	3.29E-02
316 Gridded	3.95E-03	3.64E-04	3.46E-06	3.61E-07	1.87E-03	1.82E-04	4.12E-03	3.89E-04	4.10E-03	3.85E-04	3.94E-03	3.63E-04	4.68E-03	4.68E-04	4.68E-03	4.68E-04	7.32E-03	6.75E-04	4.12E-03	3.89E-04	4.80E-05	5.01E-06	3.94E-03	3.64E-04	3.29E-05	3.43E-06	3.95E-03	3.65E-04	1.55E-01	2.40E-02	3.20E-01	3.75E-02
317 Gridded	3.53E-03	3.14E-04	3.13E-06	3.06E-07	1.70E-03	1.43E-04	3.71E-03	3.22E-04	3.68E-03	3.21E-04	3.52E-03	3.14E-04	4.30E-03	3.53E-04	4.30E-03	3.53E-04	6.54E-03	5.83E-04	3.71E-03	3.22E-04	4.34E-05	4.25E-06	3.52E-03	3.14E-04	2.97E-05	2.91E-06	3.53E-03	3.14E-04	1.83E-01	2.10E-02	3.32E-01	3.31E-02
318 Gridded	3.25E-03	2.84E-04	3.90E-06	3.41E-07	1.59E-03	1.28E-04	3.44E-03	2.90E-04	3.41E-03	2.90E-04	3.24E-03	2.84E-04	4.04E-03	3.18E-04	4.04E-03	3.18E-04	6.02E-03	5.28E-04	3.44E-03	2.90E-04	5.41E-05	4.73E-06	3.25E-03	2.84E-04	3.70E-05	3.23E-06	3.25E-03	2.84E-04	1.61E-01	2.48E-02	3.24E-01	4.22E-02
319 Gridded	4.87E-03	5.69E-04	5.13E-06	6.24E-07	2.45E-03	2.88E-04	5.21E-03	6.11E-04	5.16E-03	6.05E-04	4.85E-03	5.67E-04	6.34E-03	7.48E-04	6.34E-03	7.48E-04	9.01E-03	1.05E-03	5.21E-03	6.11E-04	7.12E-05	8.66E-06	4.86E-03	5.68E-04	4.87E-05	5.92E-06	4.87E-03	5.70E-04	1.68E-01	2.81E-02	3.00E-01	4.17E-02
320 Gridded	5.66E-03	7.66E-04	5.16E-06	7.03E-07	2.69E-03	3.78E-04	5.91E-03	8.14E-04	5.88E-03	8.07E-04	5.64E-03	7.64E-04	6.74E-03	9.68E-04	6.74E-03	9.68E-04	1.05E-02	1.42E-03	5.91E-03	8.14E-04	7.16E-05	9.75E-06	5.65E-03	7.65E-04	4.90E-05	6.67E-06	5.66E-03	7.67E-04	2.29E-01	2.57E-02	3.57E-01	3.86E-02
321 Gridded	6.19E-03	6.31E-04	5.97E-06	6.11E-07	3.04E-03	3.14E-04	6.55E-03	6.72E-04	6.50E-03	6.67E-04	6.17E-03	6.29E-04	7.75E-03	8.06E-04	7.75E-03	8.06E-04	1.15E-02	1.17E-03	6.55E-03	6.72E-04	8.28E-05	8.48E-06	6.18E-03	6.30E-04	5.66E-05	5.80E-06	6.19E-03	6.32E-04	2.68E-01	2.58E-02	4.14E-01	3.89E-02
322 Gridded	7.58E-03	5.12E-04	6.75E-06	5.44E-07	3.73E-03	2.54E-04	8.04E-03	5.44E-04	7.97E-03	5.40E-04	7.55E-03	5.10E-04	9.51E-03	6.50E-04	9.51E-03	6.50E-04	1.40E-02	9.48E-04	8.04E-03	5.44E-04	9.36E-05	7.54E-06	7.57E-03	5.11E-04	6.40E-05	5.16E-06	7.58E-03	5.12E-04	2.64E-01	2.18E-02	3.66E-01	2.88E-02
323 Gridded	3.87E-03	3.27E-04	4.85E-06	5.14E-07	1.91E-03	1.75E-04	4.11E-03	3.59E-04	4.08E-03	3.54E-04	3.86E-03	3.25E-04	4.89E-03	4.72E-04	4.89E-03	4.72E-04	7.18E-03	6.05E-04	4.11E-03	3.59E-04	6.73E-05	7.13E-06	3.87E-03	3.26E-04	4.60E-05	4.88E-06	3.88E-03	3.27E-04	2.13E-01	2.13E-02	3.71E-01	3.29E-02
324 Gridded	3.60E-03	3.88E-04	4.65E-06	7.53E-07	1.79E-03	2.13E-04	3.73E-03	4.24E-04	3.68E-03	4.17E-04	3.59E-03	3.86E-04	4.74E-03	5.89E-04	4.74E-03	5.89E-04	6.67E-03	7.18E-04	3.73E-03	4.24E-04	6.45E-05	1.04E-05	3.59E-03	3.87E-04	4.42E-05	7.14E-06	3.60E-03	3.88E-04	2.05E-01	2.15E-02	3.73E-01	3.49E-02
325 Gridded	4.35E-03	5.60E-04	5.79E-06	6.86E-07	1.98E-03	2.88E-04	4.46E-03	6.06E-04	4.45E-03	5.99E-04	4.35E-03	5.57E-04	4.99E-03	7.56E-04	4.99E-03	7.56E-04	8.08E-03	1.04E-03	4.46E-03	6.06E-04	8.02E-05	9.51E-06	4.35E-03	5.59E-04	5.49E-05	6.51E-06	4.35E-03	5.60E-04	1.50E-01	1.45E-02	2.64E-01	2.34E-02
326 Gridded	4.91E-03	6.59E-04	3.63E-06	3.08E-07	2.31E-03	3.04E-04	5.11E-03	6.79E-04	5.08E-03	6.77E-04	4.90E-03	6.58E-04	5.75E-03	7.45E-04	5.75E-03	7.45E-04	9.10E-03	1.22E-03	5.11E-03	6.79E-04	5.03E-05	4.27E-06	4.91E-03	6.59E-04	3.44E-05	2.92E-06	4.91E-03	6.60E-04	1.41E-01	1.34E-02	2.89E-01	1.70E-02
327 Gridded	3.92E-03	3.82E-04	3.42E-06	2.80E-07	1.72E-03	1.69E-04	3.96E-03	3.87E-04	3.95E-03	3.86E-04	3.92E-03	3.82E-04	4.07E-03	4.04E-04	4.07E-03	4.04E-04	7.29E-03	7.09E-04	3.96E-03	3.87E-04	4.75E-05	3.89E-06	3.92E-03	3.82E-04	3.25E-05	2.66E-06	3.93E-03	3.82E-04	1.50E-01	1.26E-02	2.17E-01	1.51E-02
328 Gridded	3.85E-03	3.08E-04	4.30E-06	3.18E-07	1.95E-03	1.55E-04	4.14E-03	3.30E-04	4.10E-03	3.27E-04	3.84E-03	3.07E-04	5.08E-03	3.99E-04	5.08E-03	3.99E-04	7.13E-03	5.71E-04	4.14E-03	3.30E-04	5.96E-05	4.41E-06	3.85E-03	3.08E-04	4.08E-05	3.02E-06	3.86E-03	3.08E-04	1.75E-01	1.49E-02	2.09E-01	1.55E-02
329 Gridded	4.43E-03	3.13E-04	4.09E-06	2.97E-07	2.19E-03	1.55E-04	4.70E-03	3.33E-04	4.66E-03	3.30E-04	4.41E-03	3.12E-04	5.60E-03	3.98E-04	5.60E-03	3.98E-04	8.20E-03	5.80E-04	4.70E-03	3.33E-04	5.67E-05	4.12E-06	4.42E-03	3.12E-04	3.88E-05	2.82E-06	4.43E-03	3.13E-04	1.84E-01	1.54E-02	2.58E-01	1.81E-02
330 Gridded	3.11E-03	2.57E-04	3.65E-06	2.85E-07	1.58E-03	1.29E-04	3.32E-03	2.75E-04	3.29E-03	2.73E-04	3.10E-03	2.56E-04	4.12E-03	3.35E-04	4.12E-03	3.35E-04	5.77E-03	4.76E-04	3.32E-03	2.75E-04	5.06E-05	3.96E-06	3.11E-03	2.56E-04	3.46E-05	2.71E-06	3.11E-03	2.57E-04	1.84E-01	1.35E-02	2.39E-01	1.73E-02
331 Gridded	3.83E-03	2.89E-04	3.63E-06	3.24E-07	1.90E-03	1.45E-04	4.08E-03	3.09E-04	4.04E-03	3.06E-04	3.82E-03	2.88E-04	4.87E-03	3.74E-04	4.87E-03	3.74E-04	7.10E-03	5.36E-04	4.08E-03	3.09E-04	5.03E-05	4.49E-06	3.83E-03	2.89E-04	3.44E-05	3.07E-06	3.84E-03	2.89E-04	1.62E-01	1.72E-02	2.24E-01	2.30E-02
332 Gridded	2.73E-03	2.98E-04	3.64E-06	3.40E-07	1.31E-03	1.52E-04	2.86E-03	3.21E-04	2.84E-03	3.17E-04	2.72E-03	2.96E-04	3.40E-03	3.95E-04	3.40E-03	3.95E-04	5.06E-03	5.51E-04	2.86E-03	3.21E-04	5.05E-05	4.71E-06	2.72E-03	2.97E-04	3.45E-05	3.22E-06	2.73E-03	2.98E-04	1.71E-01	1.84E-02	2.40E-01	2.39E-02
333 Gridded	3.55E-03	3.51E-04	3.73E-06	4.19E-07	1.78E-03	1.80E-04	3.80E-03	3.79E-04	3.76E-03	3.75E-04	3.53E-03	3.49E-04	4.62E-03	4.71E-04	4.62E-03	4.71E-04	6.57E-03	6.49E-04	3.80E-03	3.79E-04	5.18E-05	5.82E-06	3.54E-03	3.50E-04	3.54E-05	3.98E-06	3.55E-03	3.51E-04	1.59E-01	1.92E-02	1.99E-01	2.23E-02
334 Gridded	3.60E-03	3.66E-04	2.69E-06	2.94E-07	1.73E-03	1.78E-04	3.78E-03	3.86E-04	3.75E-03	3.83E-04	3.59E-03	3.65E-04	4.37E-03	4.50E-04	4.37E-03	4.50E-04	6.67E-03	6.78E-04	3.78E-03	3.86E-04	3.73E-05	4.08E-06	3.59E-03	3.66E-04	2.55E-05	2.79E-06	3.60E-03	3.66E-04	1.19E-01	1.58E-02	2.08E-01	1.86E-02
335 Gridded	3.43E-03	2.19E-04	2.49E-06	2.44E-07	1.57E-03	1.11E-04	3.53E-03	2.36E-04	3.51E-03	2.33E-04	3.43E-03	2.18E-04	3.84E-03	2.89E-04	3.84E-03	2.89E-04	6.37E-03	4.06E-04	3.53E-03	2.36E-04	3.46E-05	3.38E-06	3.43E-03	2.19E-04	2.37E-05	2.31E-06	3.43E-03	2.20E-04	1.02E-01	1.29E-02	2.45E-01	2.07E-02
336 Gridded	2.87E-03	1.97E-04	2.02E-06	2.51E-07	1.27E-03	9.74E-05	2.91E-03	2.09E-04	2.90E-03	2.07E-04	2.87E-03	1.96E-04	3.02E-03	2.50E-04	3.02E-03	2.50E-04	5.33E-03	3.64E-04	2.91E-03	2.09E-04	2.80E-05	3.49E-06	2.87E-03	1.96E-04	1.92E-05	2.39E-06	2.87E-03	1.97E-04	1.08E-01	1.19E-02	2.78E-01	2.27E-02
337 Gridded	2.16E-03	3.07E-04	2.28E-06	3.20E-07	1.03E-03	1.54E-04	2.18E-03	3.29E-04	2.17E-03	3.26E-04	2.16E-03	3.06E-04	2.68E-03	3.99E-04	2.68E-03	3.99E-04	4.02E-03	5.69E-04	2.18E-03	3.29E-04	3.16E-05	4.44E-06	2.16E-03	3.07E-04	2.16E-05	3.04E-06	2.16E-03	3.08E-04	8.71E-02	1.08E-02	2.64E-01	2.24E-02
338 Gridded	2.18E-03	3.22E-04	2.28E-06	2.82E-07	1.04E-03	1.58E-04	2.27E-03	3.41E-04	2.26E-03	3.39E-04	2.17E-03	3.21E-04	2.60E-03	4.03E-04	2.60E-03	4.03E-04	4.03E-03	5.98E-04	2.27E-03	3.41E-04	3.17E-05	3.91E-06	2.17E-03	3.22E-04	2.17E-05	2.67E-06	2.18E-03	3.23E-04	8.84E-02	1.08E-02	2.31E-01	2.30E-02
339 Gridded	2.19E-03	2.31E-04	2.02E-06	2.03E-07	1.07E-03	1.13E-04	2.32E-03	2.45E-04	2.30E-03	2.43E-04	2.18E-03	2.30E-04	2.74E-03	2.89E-04	2.74E-03	2.89E-04	4.05E-03	4.28E-04	2.32E-03	2.45E-04	2.80E-05	2.81E-06	2.18E-03	2.31E-04	1.92E-05	1.92E-06	2.19E-03	2.31E-04	9.92E-02	1.21E-02	2.51E-01	2.47E-02
340 Gridded	1.99E-03	2.26E-04	3.18E-06	2.58E-07	9.99E-04	1.15E-04	2.13E-03	2.44E-04	2.11E-03	2.41E-04	1.98E-03	2.25E-04	2.59E-03	3.00E-04	2.59E-03	3.00E-04	3.68E-03	4.19E-04	2.13E-03	2.44E-04	4.40E-05	3.58E-06	1.98E-03	2.26E-04	3.01E-05	2.45E-06	1.99E-03	2.26E-04	1.32E-01	1.36E-02	2.20E-01	2.78E-02
341 Gridded	2.27E-03	2.78E-04	2.96E-06	2.77E-07	1.18E-03	1.39E-04	2.47E-03	2.97E-04	2.44E-03	2.95E-04	2.25E-03	2.77E-04	3.12E-03	3.58E-04	3.12E-03	3.58E-04	4.19E-03	5.16E-04	2.47E-03	2.97E-04	4.11E-05	3.84E-06	2.26E-03	2.78E-04	2.81E-05	2.62E-06	2.27E-03	2.79E-04	1.27E-01	1.51E-02	2.69E-01	3.01E-02
342 Gridded	2.56E-03	2.81E-04	2.06E-06	2.74E-07	1.24E-03	1.37E-04	2.70E-03	2.97E-04	2.68E-03	2.94E-04	2.56E-03	2.80E-04	3.15E-03	3.48E-04	3.15E-03	3.48E-04	4.75E-03	5.20E-04	2.70E-03	2.97E-04	2.86E-05	3.80E-06	2.56E-03	2.80E-04	1.96E-05	2.60E-06	2.56E-03	2.81E-04	1.13E-01	1.64E-02	2.82E-01	2.80E-02
343 Gridded	2.20E-03	3.29E-04	2.19E-06	3.24E-07	1.08E-03	1.64E-04	2.33E-03	3.50E-04	2.31E-03	3.47E-04	2.19E-03	3.27E-04	2.78E-03	4.21E-04	2.78E-03	4.21E-04	4.07E-03	6.09E-04	2.33E-03	3.50E-04	3.04E-05	4.50E-06	2.19E-03	3.28E-04	2.08E-05	3.08E-06	2.20E-03	3.29E-04	1.40E-01	1.72E-02	2.32E-01	2.14E-02
344 Gridded	2.25E-03	3.44E-04	2.96E-06	3.47E-07	1.13E-03	1.70E-04	2.41E-03	3.66E-04	2.38E-03	3.63E-04	2.24E-03	3.43E-04	2.91E-03	4.37E-04	2.91E-03	4.37E-04	4.17E-03	6.37E-04	2.41E-03	3.66E-04	4.10E-05	4.81E-06	2.25E-03	3.43E-04	2.81E-05	3.29E-06	2.25E-03	3.44E-04	1.23E-01	1.63E-02	1.89E-01	1.91E-02
345 Gridded	2.80E-03	3.31E-04	3.71E-06	5.21E-07	1.37E-03	1.63E-04	2.96E-03	3.51E-04	2.94E-03	3.48E-04	2.80E-03	3.30E-04	3.55E-03	4.15E-04	3.55E-03	4.15E-04	5.20E-03	6.14E-04	2.96E-03	3.51E-04	5.14E-05	7.23E-06	2.80E-03	3.31E-04	3.52E-05	4.94E-06	2.81E-03	3.31E-04	1.33E-01	1.43E-02	1.92E-01	2.44E-02
346 Gridded	3.66E-03	2.52E-04	5.52E-06	6.06E-07	1.86E-03	1.33E-04	3.94E-03	2.67E-04	3.90E-03	2.65E-04	3.65E-03	2.52E-04	4.83E-03	3.85E-04	4.83E-03	3.85E-04	6.78E-03	4.68E-04	3.94E-03	2.67E-04	7.65E-05	8.40E-06	3.66E-03	2.52E-04	5.23E-05	5.75E-06	3.67E-03	2.53E-04	1.58E-01	1.74E-02	2.21E-01	2.73E-02
347 Gridded	3.31E-03	3.80E-04	6.12E-06	5.42E-07	1.68E-03	1.90E-04	3.56E-03	4.06E-04	3.53E-03	4.03E-04	3.30E-03	3.79E-04	4.38E-03	4.91E-04	4.38E-03	4.91E-04	6.13E-03	7.04E-04	3.56E-03	4.06E-04	8.48E-05	7.51E-06	3.30E-03	3.80E-04	5.80E-05	5.14E-06	3.31E-03	3.81E-04	1.28E-01	1.75E-02	2.04E-01	2.09E-02
348 Gridded	4.15E-03	4.02E-04	3.57E-06	3.18E-07	1.85E-03	1.93E-04	4.22E-03	4.22E-04	4.21E-03	4.19E-04	4.14E-03	4.01E-04	4.46E-03	4.88E-04	4.46E-03	4.88E-04	7.69E-03	7.45E-04	4.22E-03	4.22E-04	4.96E-05	4.41E-06	4.14E-03	4.01E-04	3.39E-05	3.02E-06	4.15E-03	4.02E-04	1.60E-01	1.62E-02	1.94E-01	1.86E-02
349 Gridded	4.52E-03	4.18E-04	3.82E-06	3.69E-07	2.21E-03	2.05E-04	4.78E-03	4.43E-04	4.74E-03	4.40E-04	4.51E-03	4.17E-04	5.62E-03	5.24E-04	5.62E-03	5.24E-04	8.38E-03	7.75E-04	4.78E-03	4.43E-04	5.30E-05	5.12E-06	4.52E-03	4.18E-04	3.63E-05	3.50E-06	4.53E-03	4.19E-04	1.68E-01	2.03E-02	2.01E-01	2.08E-02
350 Gridded	4.62E-03	6.00E-04	4.26E-06	5.80E-07	2.28E-03	2.98E-04	4.91E-03	6.39E-04	4.87E-03	6.34E-04	4.61E-03	5.98E-04	5.84E-03	7.66E-04	5.84E-03	7.66E-04	8.56E-03	1.11E-03	4.91E-03	6.39E-04	5.91E-05	8.05E-06	4.62E-03	5.99E-04	4.04E-05	5.51E-06	4.63E-03	6.01E-04	2.04E-01	3.01E-02	2.25E-01	2.95E-02
351 Gridded	4.26E-03	6.55E-04	4.18E-06	6.16E-07	2.06E-03	3.24E-04	4.48E-03	6.96E-04	4.45E-03	6.91E-04	4.24E-03	6.53E-04	5.22E-03	8.31E-04	5.22E-03	8.31E-04	7.89E-03	1.21E-03	4.48E-03	6.96E-04	5.80E-05	8.55E-06	4.25E-03	6.54E-04	3.97E-05	5.85E-06	4.26E-03	6.55E-04	1.89E-01	3.14E-02	2.03E-01	3.01E-02
352 Gridded	3.60E-03	6.07E-04	3.22E-06	5.43E-07	1.77E-03	2.99E-04	3.82E-03	6.44E-04	3.79E-03	6.38E-04	3.59E-03	6.05E-04	4.52E-03	7.63E-04	4.52E-03	7.63E-04	6.67E-03	1.12E-03	3.82E-03	6.44E-04	4.46E-05	7.53E-06	3.59E-03	6.06E-04	3.05E-05	5.16E-06	3.60E-03	6.07E-04	1.53E-01	2.83E-02	1.85E-01	2.79E-02
353 Gridded	2.99E-03	4.83E-04	2.51E-06	4.18E-07	1.40E-03	2.36E-04	3.10E-03	5.11E-04	3.09E-03	5.07E-04	2.99E-03	4.81E-04	3.46E-03	6.03E-04	3.46E-03	6.03E-04	5.55E-03	8.95E-04	3.10E-03	5.11E-04	3.47E-05	5.80E-06	2.99E-03	4.82E-04	2.38E-05	3.97E-06	2.99E-03	4.83E-04	1.29E-01	2.21E-02	1.83E-01	2.51E-02
354 Gridded	3.19E-03	3.58E-04	3.72E-06	4.42E-07	1.57E-03	1.79E-04	3.38E-03	3.79E-04	3.36E-03	3.76E-04	3.18E-03	3.56E-04	4.00E-03	4.71E-04	4.00E-03	4.71E-04	5.92E-03	6.63E-04	3.38E-03	3.79E-04	5.15E-05	6.13E-06	3.19E-03	3.57E-04	3.53E-05	4.19E-06	3.20E-03	3.58E-04	1.07E-01	2.07E-02	1.99E-01	2.57E-02
355 Gridded	2.04E-03	4.13E-04	4.15E-06	4.48E-07	1.01E-03	2.09E-04	2.17E-03	4.43E-04	2.15E-03	4.39E-04	2.03E-03	4.11E-04	2.78E-03	5.41E-04	2.78E-03	5.41E-04	3.77E-03	7.65E-04	2.17E-03	4.43E-04	5.76E-05	6.21E-06	2.03E-03	4.12E-04	3.94E-05	4.25E-06	2.04E-03	4.13E-04	1.02E-01	2.09E-02	2.39E-01	2.64E-02
356 Gridded	2.71E-03	4.98E-04	3.69E-06	5.23E-07	1.32E-03	2.45E-04	2.86E-03	5.28E-04	2.84E-03	5.24E-04	2.70E-03	4.97E-04	3.34E-03	6.31E-04	3.34E-03	6.31E-04	5.03E-03	9.24E-04	2.86E-03	5.28E-04	5.11E-05	7.25E-06	2.71E-03	4.98E-04	3.50E-05	4.96E-06	2.71E-03	4.99E-04	1.20E-01	2.99E-02	2.40E-01	3.12E-02
357 Gridded	2.96E-03	6.84E-04	3.16E-06	7.58E-07	1.49E-03	3.47E-04	3.18E-03	7.35E-04	3.15E-03	7.28E-04	2.95E-03	6.81E-04	3.87E-03	9.01E-04	3.87E-03	9.01E-04	5.49E-03	1.27E-03	3.18E-03	7.35E-04	4.38E-05	1.05E-05	2.96E-03	6.83E-04	3.00E-05	7.20E-06	2.97E-03	6.85E-04	1.53E-01	3.72E-02	1.94E-01	3.64E-02
358 Gridded	3.09E-03	3.66E-04	2.82E-06	4.37E-07	1.51E-03	1.82E-04	3.27E-03	3.90E-04	3.24E-03	3.87E-04	3.08E-03	3.65E-04	3.83E-03	4.68E-04	3.83E-03	4.68E-04	5.73E-03	6.79E-04	3.27E-03	3.90E-04	3.91E-05	6.06E-06	3.09E-03	3.66E-04	2.68E-05	4.14E-06	3.09E-03	3.67E-04	1.05E-01	2.04E-02	1.72E-01	2.84E-02
359 Gridded	2.70E-03	3.35E-04	2.95E-06	4.49E-07	1.31E-03	1.75E-04	2.80E-03	3.65E-04	2.79E-03	3.61E-04	2.69E-03	3.33E-04	3.40E-03	4.63E-04	3.40E-03	4.63E-04	5.00E-03	6.19E-04	2.80E-03	3.65E-04	4.08E-05	6.23E-06	2.70E-03	3.34E-04	2.79E-05	4.26E-06	2.70E-03	3.35E-04	1.20E-01	1.67E-02	1.58E-01	2.44E-02
360 Gridded	2.96E-03	3.43E-04	3.73E-06	4.33E-07	1.48E-03	1.78E-04	3.16E-03	3.72E-04	3.14E-03	3.68E-04	2.95E-03	3.42E-04	3.82E-03	4.67E-04	3.82E-03	4.67E-04	5.49E-03	6.36E-04	3.16E-03	3.72E-04	5.17E-05	6.01E-06	2.96E-03	3.43E-04	3.54E-05	4.11E-06	2.97E-03	3.44E-04	1.15E-01	1.64E-02	1.61E-01	2.23E-02
361 Gridded	3.17E-03	3.57E-04	3.53E-06	3.79E-07	1.55E-03	1.74E-04	3.28E-03	3.77E-04	3.26E-03	3.74E-04	3.16E-03	3.55E-04	4.04E-03	4.53E-04	4.04E-03	4.53E-04	5.88E-03	6.61E-04	3.28E-03	3.77E-04	4.90E-05	5.25E-06	3.17E-03	3.56E-04	3.35E-05	3.59E-06	3.17E-03	3.57E-04	9.77E-02	1.69E-02	1.64E-01	2.61E-02
362 Gridded	4.42E-03	3.24E-04	3.02E-06	2.96E-07	2.06E-03	1.55E-04	4.58E-03	3.39E-04	4.56E-03	3.37E-04	4.41E-03	3.23E-04	5.08E-03	3.91E-04	5.08E-03	3.91E-04	8.20E-03	6.01E-04	4.58E-03	3.39E-04	4.19E-05	4.10E-06	4.42E-03	3.24E-04	2.87E-05	2.81E-06	4.42E-03	3.24E-04	1.44E-01	1.67E-02	1.72E-01	2.80E-02
363 Gridded	5.43E-03	3.20E-04	4.65E-06	3.25E-07	2.53E-03	1.47E-04	5.63E-03	3.30E-04	5.60E-03	3.28E-04	5.42E-03	3.19E-04	6.40E-03	3.61E-04	6.40E-03	3.61E-04	1.01E-02	5.93E-04	5.63E-03	3.30E-04	6.45E-05	4.51E-06	5.43E-03	3.20E-04	4.42E-05	3.08E-06	5.43E-03	3.20E-04	1.98E-01	1.60E-02	2.12E-01	2.56E-02
364 Gridded	5.65E-03	3.18E-04	4.79E-06	3.48E-07	2.73E-03	1.56E-04	5.91E-03	3.35E-04	5.86E-03	3.32E-04	5.64E-03	3.17E-04	6.95E-03	4.00E-04	6.95E-03	4.00E-04	1.05E-02	5.89E-04	5.91E-03	3.35E-04	6.65E-05	4.83E-06	5.65E-03	3.17E-04	4.55E-05	3.31E-06	5.66E-03	3.18E-04	1.95E-01	1.51E-02	1.92E-01	2.27E-02

Scenario 4 Results

365	Gridded	5.25E-03	3.20E-04	3.54E-06	3.32E-07	2.49E-03	1.53E-04	5.48E-03	3.35E-04	5.44E-03	3.33E-04	5.24E-03	3.19E-04	6.22E-03	3.86E-04	6.22E-03	3.86E-04	9.73E-03	5.93E-04	5.48E-03	3.35E-04	4.90E-05	4.61E-06	5.24E-03	3.19E-04	3.35E-05	3.15E-06	5.25E-03	3.20E-04	1.39E-01	1.66E-02	2.40E-01	2.61E-02
366	Gridded	4.71E-03	3.27E-04	3.05E-06	3.42E-07	2.22E-03	1.58E-04	4.91E-03	3.44E-04	4.88E-03	3.42E-04	4.70E-03	3.26E-04	5.54E-03	3.99E-04	5.54E-03	3.99E-04	8.74E-03	6.07E-04	4.91E-03	3.44E-04	4.23E-05	4.74E-06	4.71E-03	3.27E-04	2.90E-05	3.24E-06	4.71E-03	3.28E-04	1.32E-01	2.01E-02	2.81E-01	3.00E-02
367	Gridded	3.48E-03	3.86E-04	3.28E-06	3.77E-07	1.70E-03	1.92E-04	3.65E-03	4.11E-04	3.62E-03	4.08E-04	3.47E-03	3.84E-04	4.37E-03	4.94E-04	4.37E-03	4.94E-04	6.45E-03	7.14E-04	3.65E-03	4.11E-04	4.54E-05	5.23E-06	3.48E-03	3.85E-04	3.11E-05	3.58E-06	3.48E-03	3.86E-04	1.42E-01	2.43E-02	3.71E-01	3.79E-02
368	Gridded	3.36E-03	3.39E-04	3.21E-06	3.49E-07	1.63E-03	1.70E-04	3.51E-03	3.62E-04	3.48E-03	3.59E-04	3.36E-03	3.37E-04	4.20E-03	4.39E-04	4.20E-03	4.39E-04	6.24E-03	6.27E-04	3.51E-03	3.62E-04	4.45E-05	4.84E-06	3.36E-03	3.38E-04	3.05E-05	3.31E-06	3.36E-03	3.39E-04	1.75E-01	2.46E-02	2.95E-01	3.92E-02
369	Gridded	3.23E-03	3.13E-04	3.01E-06	3.13E-07	1.60E-03	1.41E-04	3.43E-03	3.20E-04	3.41E-03	3.19E-04	3.22E-03	3.13E-04	4.09E-03	3.64E-04	4.09E-03	3.64E-04	5.99E-03	5.81E-04	3.43E-03	3.20E-04	4.17E-05	4.34E-06	3.23E-03	3.13E-04	2.85E-05	2.97E-06	3.23E-03	3.13E-04	1.86E-01	2.25E-02	3.41E-01	3.59E-02
370	Gridded	3.87E-03	3.96E-04	5.24E-06	5.15E-07	2.03E-03	2.06E-04	4.22E-03	4.31E-04	4.17E-03	4.26E-04	3.85E-03	3.94E-04	5.37E-03	5.43E-04	5.37E-03	5.43E-04	7.16E-03	7.33E-04	4.22E-03	4.31E-04	7.27E-05	7.14E-06	3.86E-03	3.95E-04	4.97E-05	4.89E-06	3.87E-03	3.96E-04	1.68E-01	2.88E-02	3.67E-01	4.75E-02
371	Gridded	6.31E-03	7.64E-04	5.48E-06	7.57E-07	3.09E-03	3.81E-04	6.67E-03	8.15E-04	6.62E-03	8.08E-04	6.29E-03	7.61E-04	7.86E-03	9.80E-04	7.86E-03	9.80E-04	1.17E-02	1.41E-03	6.67E-03	8.15E-04	7.60E-05	1.05E-05	6.30E-03	7.62E-04	5.20E-05	7.18E-06	6.31E-03	7.64E-04	2.19E-01	2.92E-02	3.52E-01	4.15E-02
372	Gridded	5.79E-03	7.59E-04	5.65E-06	7.08E-07	2.80E-03	3.75E-04	6.09E-03	8.07E-04	6.05E-03	8.00E-04	5.78E-03	7.56E-04	7.07E-03	9.62E-04	7.07E-03	9.62E-04	1.07E-02	1.41E-03	6.09E-03	8.07E-04	7.83E-05	9.82E-06	5.79E-03	7.58E-04	5.36E-05	6.72E-06	5.80E-03	7.59E-04	2.51E-01	2.91E-02	3.84E-01	4.48E-02
373	Gridded	7.68E-03	5.45E-04	6.85E-06	5.61E-07	3.78E-03	2.72E-04	8.15E-03	5.82E-04	8.08E-03	5.76E-04	7.66E-03	5.43E-04	9.65E-03	7.00E-04	9.65E-03	7.00E-04	1.42E-02	1.01E-03	8.15E-03	5.82E-04	9.50E-05	7.78E-06	7.67E-03	5.44E-04	6.50E-05	5.32E-06	7.69E-03	5.46E-04	2.86E-01	2.54E-02	4.24E-01	3.47E-02
374	Gridded	5.20E-03	3.57E-04	4.71E-06	4.97E-07	2.56E-03	1.83E-04	5.51E-03	3.80E-04	5.47E-03	3.76E-04	5.18E-03	3.56E-04	6.54E-03	4.88E-04	6.54E-03	4.88E-04	9.63E-03	6.62E-04	5.51E-03	3.80E-04	6.53E-05	6.90E-06	5.19E-03	3.57E-04	4.47E-05	4.72E-06	5.20E-03	3.58E-04	2.16E-01	2.08E-02	3.65E-01	3.07E-02
375	Gridded	3.78E-03	3.85E-04	5.19E-06	7.38E-07	1.74E-03	2.04E-04	3.90E-03	4.13E-04	3.88E-03	4.09E-04	3.78E-03	3.83E-04	4.28E-03	5.66E-04	4.28E-03	5.66E-04	7.02E-03	7.12E-04	3.90E-03	4.13E-04	7.20E-05	1.02E-05	3.78E-03	3.84E-04	4.93E-05	7.00E-06	3.78E-03	3.85E-04	2.24E-01	2.32E-02	3.85E-01	3.81E-02
376	Gridded	4.60E-03	5.10E-04	6.02E-06	7.65E-07	2.12E-03	2.73E-04	4.74E-03	5.62E-04	4.72E-03	5.54E-04	4.59E-03	5.07E-04	5.21E-03	7.29E-04	5.21E-03	7.29E-04	8.53E-03	9.44E-04	4.74E-03	5.62E-04	8.34E-05	1.06E-05	4.60E-03	5.09E-04	5.71E-05	7.26E-06	4.60E-03	5.11E-04	1.81E-01	1.73E-02	3.09E-01	2.55E-02
377	Gridded	5.04E-03	6.66E-04	3.66E-06	3.60E-07	2.41E-03	3.11E-04	5.27E-03	6.90E-04	5.24E-03	6.87E-04	5.02E-03	6.64E-04	6.04E-03	7.69E-04	6.04E-03	7.69E-04	9.34E-03	1.23E-03	5.27E-03	6.90E-04	5.08E-05	4.99E-06	5.03E-03	6.65E-04	3.48E-05	3.42E-06	5.04E-03	6.66E-04	1.50E-01	1.37E-02	2.98E-01	1.93E-02
378	Gridded	4.55E-03	4.70E-04	3.65E-06	2.74E-07	2.00E-03	2.08E-04	4.60E-03	4.77E-04	4.59E-03	4.76E-04	4.55E-03	4.70E-04	4.74E-03	4.97E-04	4.74E-03	4.97E-04	8.45E-03	8.73E-04	4.60E-03	4.77E-04	5.06E-05	3.80E-06	4.55E-03	4.70E-04	3.46E-05	2.60E-06	4.55E-03	4.70E-04	1.55E-01	1.28E-02	2.41E-01	1.61E-02
379	Gridded	3.68E-03	3.19E-04	4.30E-06	3.37E-07	1.88E-03	1.60E-04	3.97E-03	3.42E-04	3.93E-03	3.39E-04	3.66E-03	3.18E-04	4.91E-03	4.15E-04	4.91E-03	4.15E-04	6.82E-03	5.91E-04	3.97E-03	3.42E-04	5.97E-05	4.67E-06	3.67E-03	3.18E-04	4.08E-05	3.20E-06	3.68E-03	3.19E-04	1.75E-01	1.56E-02	2.13E-01	1.69E-02
380	Gridded	4.59E-03	3.31E-04	4.36E-06	3.16E-07	2.27E-03	1.64E-04	4.88E-03	3.53E-04	4.84E-03	3.50E-04	4.57E-03	3.30E-04	5.84E-03	4.22E-04	5.84E-03	4.22E-04	8.50E-03	6.14E-04	4.88E-03	3.53E-04	6.04E-05	4.38E-06	4.58E-03	3.31E-04	4.14E-05	3.00E-06	4.59E-03	3.32E-04	1.96E-01	1.65E-02	2.71E-01	1.93E-02
381	Gridded	3.29E-03	2.73E-04	3.86E-06	3.04E-07	1.66E-03	1.38E-04	3.50E-03	2.93E-04	3.47E-03	2.91E-04	3.28E-03	2.72E-04	4.35E-03	3.58E-04	4.35E-03	3.58E-04	6.10E-03	5.07E-04	3.50E-03	2.93E-04	5.36E-05	4.21E-06	3.28E-03	2.73E-04	3.67E-05	2.88E-06	3.29E-03	2.74E-04	1.94E-01	1.44E-02	2.54E-01	1.87E-02
382	Gridded	4.07E-03	3.11E-04	3.88E-06	3.53E-07	2.01E-03	1.56E-04	4.33E-03	3.32E-04	4.29E-03	3.29E-04	4.06E-03	3.09E-04	5.16E-03	4.02E-04	5.16E-03	4.02E-04	7.55E-03	5.75E-04	4.33E-03	3.32E-04	5.39E-05	4.89E-06	4.07E-03	3.10E-04	3.68E-05	3.35E-06	4.08E-03	3.11E-04	1.71E-01	1.86E-02	2.48E-01	2.47E-02
383	Gridded	2.91E-03	3.17E-04	4.26E-06	3.59E-07	1.39E-03	1.61E-04	3.04E-03	3.41E-04	3.02E-03	3.38E-04	2.90E-03	3.16E-04	3.68E-03	4.20E-04	3.68E-03	4.20E-04	5.39E-03	5.87E-04	3.04E-03	3.41E-04	5.91E-05	4.99E-06	2.91E-03	3.17E-04	4.04E-05	3.41E-06	2.91E-03	3.17E-04	1.77E-01	1.95E-02	2.40E-01	2.56E-02
384	Gridded	3.81E-03	3.94E-04	4.57E-06	4.53E-07	1.90E-03	2.01E-04	4.07E-03	4.24E-04	4.03E-03	4.20E-04	3.80E-03	3.92E-04	4.90E-03	5.24E-04	4.90E-03	5.24E-04	7.06E-03	7.29E-04	4.07E-03	4.24E-04	6.34E-05	6.28E-06	3.81E-03	3.93E-04	4.34E-05	4.30E-06	3.81E-03	3.94E-04	1.73E-01	2.06E-02	2.09E-01	2.36E-02
385	Gridded	4.24E-03	3.79E-04	3.54E-06	3.14E-07	2.07E-03	1.83E-04	4.47E-03	3.98E-04	4.44E-03	3.95E-04	4.22E-03	3.78E-04	5.25E-03	4.62E-04	5.25E-03	4.62E-04	7.85E-03	7.02E-04	4.47E-03	3.98E-04	4.91E-05	4.36E-06	4.23E-03	3.78E-04	3.36E-05	2.98E-06	4.24E-03	3.79E-04	1.19E-01	1.63E-02	2.58E-01	2.04E-02
386	Gridded	4.03E-03	2.34E-04	2.73E-06	2.57E-07	1.86E-03	1.19E-04	4.16E-03	2.52E-04	4.14E-03	2.49E-04	4.03E-03	2.33E-04	4.55E-03	3.08E-04	4.55E-03	3.08E-04	7.48E-03	4.34E-04	4.16E-03	2.52E-04	3.78E-05	3.56E-06	4.03E-03	2.34E-04	2.59E-05	2.43E-06	4.03E-03	2.35E-04	1.15E-01	1.40E-02	2.65E-01	2.45E-02
387	Gridded	3.35E-03	2.20E-04	2.18E-06	2.97E-07	1.48E-03	1.15E-04	3.40E-03	2.40E-04	3.39E-03	2.37E-04	3.35E-03	2.19E-04	3.54E-03	3.05E-04	3.54E-03	3.05E-04	6.22E-03	4.07E-04	3.40E-03	2.40E-04	3.03E-05	4.12E-06	3.35E-03	2.19E-04	2.07E-05	2.82E-06	3.35E-03	2.20E-04	1.04E-01	1.22E-02	3.23E-01	2.53E-02
388	Gridded	2.36E-03	3.50E-04	2.30E-06	3.42E-07	1.17E-03	1.74E-04	2.51E-03	3.73E-04	2.49E-03	3.70E-04	2.36E-03	3.49E-04	3.01E-03	4.48E-04	3.01E-03	4.48E-04	4.39E-03	6.48E-04	2.51E-03	3.73E-04	3.19E-05	4.74E-06	2.36E-03	3.49E-04	2.18E-05	3.25E-06	2.36E-03	3.50E-04	9.28E-02	1.14E-02	2.70E-01	2.45E-02
389	Gridded	2.11E-03	3.18E-04	2.41E-06	2.75E-07	1.05E-03	1.56E-04	2.23E-03	3.36E-04	2.21E-03	3.34E-04	2.11E-03	3.17E-04	2.75E-03	3.97E-04	2.75E-03	3.97E-04	3.91E-03	5.89E-04	2.23E-03	3.36E-04	3.35E-05	3.81E-06	2.11E-03	3.17E-04	2.29E-05	2.61E-06	2.11E-03	3.18E-04	9.89E-02	1.20E-02	2.50E-01	2.43E-02
390	Gridded	2.19E-03	2.09E-04	2.36E-06	2.35E-07	1.05E-03	1.03E-04	2.30E-03	2.22E-04	2.28E-03	2.20E-04	2.18E-03	2.09E-04	2.66E-03	2.65E-04	2.66E-03	2.65E-04	4.05E-03	3.88E-04	2.30E-03	2.22E-04	3.27E-05	3.26E-06	2.18E-03	2.09E-04	2.24E-05	2.23E-06	2.19E-03	2.09E-04	1.10E-01	1.35E-02	2.43E-01	2.66E-02
391	Gridded	2.12E-03	2.61E-04	3.26E-06	2.86E-07	1.05E-03	1.32E-04	2.25E-03	2.80E-04	2.24E-03	2.77E-04	2.11E-03	2.60E-04	2.71E-03	3.43E-04	2.71E-03	3.43E-04	3.93E-03	4.83E-04	2.25E-03	2.80E-04	4.52E-05	3.97E-06	2.12E-03	2.60E-04	3.09E-05	2.71E-06	2.12E-03	2.61E-04	1.33E-01	1.52E-02	2.45E-01	3.09E-02
392	Gridded	2.62E-03	3.00E-04	2.55E-06	2.76E-07	1.30E-03	1.48E-04	2.78E-03	3.19E-04	2.76E-03	3.16E-04	2.61E-03	2.99E-04	3.32E-03	3.80E-04	3.32E-03	3.80E-04	4.85E-03	5.57E-04	2.78E-03	3.19E-04	3.54E-05	3.83E-06	2.61E-03	3.00E-04	2.42E-05	2.62E-06	2.62E-03	3.01E-04	1.15E-01	1.68E-02	3.12E-01	3.20E-02
393	Gridded	2.62E-03	3.14E-04	2.33E-06	3.23E-07	1.28E-03	1.58E-04	2.77E-03	3.36E-04	2.75E-03	3.33E-04	2.61E-03	3.13E-04	3.27E-03	4.07E-04	3.27E-03	4.07E-04	4.85E-03	5.82E-04	2.77E-03	3.36E-04	3.23E-05	4.48E-06	2.61E-03	3.14E-04	2.21E-05	3.07E-06	2.62E-03	3.15E-04	1.43E-01	1.76E-02	2.92E-01	2.68E-02
394	Gridded	2.38E-03	3.62E-04	2.63E-06	3.48E-07	1.20E-03	1.80E-04	2.55E-03	3.86E-04	2.52E-03	3.82E-04	2.37E-03	3.61E-04	3.13E-03	4.62E-04	3.13E-03	4.62E-04	4.41E-03	6.71E-04	2.55E-03	3.86E-04	3.65E-05	4.83E-06	2.38E-03	3.62E-04	2.50E-05	3.30E-06	2.38E-03	3.63E-04	1.48E-01	1.81E-02	2.09E-01	2.19E-02
395	Gridded	2.93E-03	3.63E-04	3.33E-06	4.30E-07	1.44E-03	1.79E-04	3.11E-03	3.85E-04	3.09E-03	3.82E-04	2.92E-03	3.62E-04	3.70E-03	4.57E-04	3.70E-03	4.57E-04	5.43E-03	6.72E-04	3.11E-03	3.85E-04	4.62E-05	5.97E-06	2.93E-03	3.62E-04	3.16E-05	4.08E-06	2.93E-03	3.63E-04	1.28E-01	1.59E-02	2.01E-01	2.13E-02
396	Gridded	3.62E-03	3.15E-04	4.73E-06	6.15E-07	1.89E-03	1.54E-04	3.94E-03	3.33E-04	3.89E-03	3.31E-04	3.60E-03	3.14E-04	4.97E-03	3.92E-04	4.97E-03	3.92E-04	6.70E-03	5.84E-04	3.94E-03	3.33E-04	6.56E-05	8.53E-06	3.61E-03	3.15E-04	4.49E-05	5.84E-06	3.62E-03	3.15E-04	1.73E-01	1.88E-02	2.36E-01	3.18E-02
397	Gridded	3.65E-03	2.93E-04	6.13E-06	6.03E-07	1.83E-03	1.56E-04	3.91E-03	3.22E-04	3.87E-03	3.18E-04	3.64E-03	2.91E-04	4.73E-03	4.16E-04	4.73E-03	4.16E-04	6.77E-03	5.42E-04	3.91E-03	3.22E-04	8.50E-05	8.36E-06	3.65E-03	2.92E-04	5.82E-05	5.72E-06	3.66E-03	2.93E-04	1.51E-01	1.83E-02	2.46E-01	2.67E-02
398	Gridded	3.03E-03	3.48E-04	4.99E-06	4.20E-07	1.51E-03	1.73E-04	3.23E-03	3.71E-04	3.20E-03	3.68E-04	3.02E-03	3.47E-04	3.87E-03	4.45E-04	3.87E-03	4.45E-04	5.62E-03	6.45E-04	3.23E-03	3.71E-04	6.92E-05	5.82E-06	3.03E-03	3.48E-04	4.73E-05	3.98E-06	3.04E-03	3.48E-04	1.36E-01	1.57E-02	1.87E-01	1.91E-02
399	Gridded	4.03E-03	4.00E-04	3.82E-06	3.70E-07	2.00E-03	1.98E-04	4.29E-03	4.25E-04	4.25E-03	4.22E-04	4.01E-03	3.99E-04	5.12E-03	5.06E-04	5.12E-03	5.06E-04	7.46E-03	7.42E-04	4.29E-03	4.25E-04	5.30E-05	5.13E-06	4.02E-03	4.00E-04	3.63E-05	3.51E-06	4.03E-03	4.01E-04	1.79E-01	1.99E-02	2.08E-01	2.15E-02
400	Gridded	4.59E-03	4.58E-04	3.77E-06	4.62E-07	2.23E-03	2.29E-04	4.84E-03	4.89E-04	4.81E-03	4.85E-04	4.58E-03	4.56E-04	5.67E-03	5.91E-04	5.67E-03	5.91E-04	8.51E-03	8.49E-04	4.84E-03	4.89E-04	5.23E-05	6.41E-06	4.58E-03	4.57E-04	3.58E-05	4.39E-06	4.59E-03	4.58E-04	1.74E-01	2.48E-02	2.32E-01	2.68E-02
401	Gridded	4.93E-03	7.24E-04	4.26E-06	6.87E-07	2.42E-03	3.59E-04	5.22E-03	7.70E-04	5.18E-03	7.64E-04	4.92E-03	7.21E-04	6.15E-03	9.21E-04	6.15E-03	9.21E-04	9.14E-03	1.34E-03	5.22E-03	7.70E-04	5.90E-05	9.53E-06	4.93E-03	7.23E-04	4.04E-05	6.52E-06	4.94E-03	7.24E-04	2.00E-01	3.52E-02	2.14E-01	3.37E-02
402	Gridded	4.18E-03	6.58E-04	4.08E-06	5.92E-07	2.08E-03	3.24E-04	4.46E-03	6.98E-04	4.42E-03	6.93E-04	4.17E-03	6.56E-04	5.35E-03	8.28E-04	5.35E-03	8.28E-04	7.75E-03	1.22E-03	4.46E-03	6.98E-04	5.66E-05	8.22E-06	4.18E-03	6.57E-04	3.87E-05	5.62E-06	4.19E-03	6.59E-04	1.92E-01	3.12E-02	1.93E-01	3.07E-02
403	Gridded	3.27E-03	5.48E-04	2.95E-06	4.74E-07	1.58E-03	2.68E-04	3.44E-03	5.80E-04	3.42E-03	5.76E-04	3.26E-03	5.46E-04	4.00E-03	6.84E-04	4.00E-03	6.84E-04	6.06E-03	1.02E-03	3.44E-03	5.80E-04	4.10E-05	6.57E-06	3.27E-03	5.47E-04	2.80E-05	4.50E-06	3.27E-03	5.48E-04	1.49E-01	2.51E-02	2.43E-01	2.92E-02
404	Gridded	3.05E-03	3.79E-04	4.28E-06	4.84E-07	1.43E-03	1.97E-04	3.17E-03	4.11E-04	3.15E-03	4.07E-04	3.05E-03	3.77E-04	3.53E-03	5.18E-04	3.53E-03	5.18E-04	5.66E-03	7.01E-04	3.17E-03	4.11E-04	5.93E-05	6.72E-06	3.05E-03	3.78E-04	4.06E-05	4.60E-06	3.05E-03	3.79E-04	1.23E-01	2.31E-02	2.39E-01	2.88E-02
405	Gridded	2.46E-03	4.47E-04	4.65E-06	4.84E-07	1.27E-03	2.26E-04	2.67E-03	4.79E-04	2.64E-03	4.75E-04	2.45E-03	4.45E-04	3.34E-03	5.85E-04	3.34E-03	5.85E-04	4.56E-03	8.27E-04	2.67E-03	4.79E-04	6.45E-05	6.72E-06	2.46E-03	4.46E-04	4.41E-05	4.60E-06	2.47E-03	4.47E-04	1.23E-01	2.29E-02	2.78E-01	3.00E-02
406	Gridded	2.93E-03	5.14E-04	3.87E-06	5.22E-07	1.43E-03	2.52E-04	3.09E-03	5.44E-04	3.07E-03	5.40E-04	2.92E-03	5.12E-04	3.64E-03	6.44E-04	3.64E-03	6.44E-04	5.42E-03	9.52E-04	3.09E-03	5.44E-04	5.37E-05	7.24E-06	2.92E-03	5.13E-04	3.67E-05	4.96E-06	2.93E-03	5.14E-04	1.35E-01	3.15E-02	2.58E-01	3.28E-02
407	Gridded	2.96E-03	7.04E-04	3.60E-06	7.89E-07	1.51E-03	3.58E-04	3.19E-03	7.57E-04	3.16E-03	7.50E-04	2.94E-03	7.01E-04	3.94E-03	9.30E-04	3.94E-03	9.30E-04	5.48E-03	1.30E-03	3.19E-03	7.57E-04	4.99E-05	1.09E-05	2.95E-03	7.03E-04	3.41E-05	7.49E-06	2.96E-03	7.05E-04	1.74E-01	4.07E-02	2.21E-01	4.01E-02
408	Gridded	4.26E-03	8.56E-04	3.51E-06	9.23E-07	1.88E-03	4.32E-04	4.31E-03	9.19E-04	4.30E-03	9.10E-04	4.26E-03	8.53E-04	4.71E-03	1.12E-03	4.71E-03	1.12E-03	7.91E-03	1.59E-03	4.31E-03	9.19E-04	4.87E-05	1.28E-05	4.26E-03	8.55E-04	3.34E-05	8.76E-06	4.26E-03	8.57E-04	1.59E-01	4.15E-02	1.85E-01	3.83E-02
409	Gridded	2.99E-03	4.33E-04	3.32E-06	4.58E-07	1.50E-03	2.18E-04	3.20E-03	4.64E-04	3.17E-03	4.60E-04	2.98E-03	4.32E-04	3.89E-03	5.64E-04	3.89E-03	5.64E-04	5.53E-03	8.02E-04	3.20E-03	4.64E-04	4.61E-05	6.35E-06	2.98E-03	4.33E-04	3.15E-05	4.34E-06	2.99E-03	4.34E-04	1.19E-01	2.38E-02	1.81E-01	3.47E-02
410	Gridded	3.26E-03	3.92E-04	2.96E-06	4.47E-07	1.59E-03	1.95E-04	3.44E-03	4.18E-04	3.41E-03	4.14E-04	3.25E-03	3.91E-04	4.03E-03	5.03E-04	4.03E-03	5.03E-04	6.04E-03	7.26E-04	3.44E-03	4.18E-04	4.10E-05	6.20E-06	3.25E-03	3.91E-04	2.81E-05	4.24E-06	3.26E-03	3.92E-04	1.14E-01	2.15E-02	1.63E-01	3.04E-02
411	Gridded	2.81E-03	3.44E-04	3.30E-06	4.65E-07	1.42E-03	1.80E-04	3.01E-03	3.76E-04	2.99E-03	3.71E-04	2.80E-03	3.43E-04	3.66E-03	4.78E-04	3.66E-03	4.78E-04	5.21E-03	6.37E-04	3.01E-03	3.76E-04	4.58E-05	6.45E-06	2.81E-03	3.44E-04	3.13E-05	4.41E-06	2.82E-03	3.45E-04	1.30E-01	1.75E-02	1.60E-01	2.60E-02
412	Gridded	4.14E-03	3.60E-04	4.11E-06	4.60E-07	1.95E-03	1.87E-04	4.31E-03	3.91E-04	4.28E-03	3.87E-04	4.13E-03	3.58E-04	4.86E-03	4.92E-04	4.86E-03	4.92E-04	7.67E-03	6.66E-04	4.31E-03	3.91E-04	5.70E-05	6.37E-06	4.13E-03	3.59E-04	3.90E-05	4.36E-06	4.14E-03	3.60E-04	1.21E-01	1.80E-02	1.70E-01	2.43E-02
413	Gridded	5.31E-03	3.64E-04	3.73E-06	3.96E-07	2.52E-03	1.79E-04	5.54E-03	3.86E-04	5.50E-03	3.83E-04	5.29E-03	3.63E-04	6.29E-03	4.67E-04	6.29E-03	4.67E-04	9.84E-03	6.75E-04	5.54E-03	3.86E-04	5.17E-05	5.49E-06	5.30E-03	3.64E-04	3.54E-05	3.76E-06	5.31E-03	3.64E-04	1.23E-01	1.84E-02	1.77E-01	2.69E-02
414	Gridded	5.91E-03	3.33E-04	3.97E-06	3.03E-07	2.81E-03	1.60E-04	6.18E-03	3.49E-04	6.14E-03	3.47E-04	5.90E-03	3.32E-04	7.05E-03	4.05E-04	7.05E-03	4.05E-04	1.10E-02	6.18E-04	6.18E-03	3.49E-04	5.51E-05	4.21E-06	5.91E-03	3.33E-04	3.77E-05	2.88E-06	5.91E-03	3.34E-04	1.66E-01	1.79E-02	2.31E-01	2.99E-02
415	Gridded	5.73E-03	3.23E-04	5.32E-06	3.61E-07	2.83E-03	1.49E-04	6.09E-03	3.33E-04	6.03E-03	3.32E-04	5.72E-03	3.22E-04	7.25E-03	3.82E-04	7.25E-03	3.82E-04	1.06E-02	5.99E-04	6.09E-03	3.33E-04	7.37E-05	5.01E-06	5.73E-03	3.23E-04	5.04E-05	3.42E-06	5.73E-03	3.23E-04	2.23E-01	1.70E-02	2.37E-01	2.81E-02
416	Gridded	6.33E-03	3.49E-04	5.39E-06	3.98E-07	3.10E-03	1.72E-04	6.70E-03	3.71E-04	6.65E-03	3.68E-04	6.31E-03	3.47E-04	7.88E-03	4.42E-04	7.88E-03	4.42E-04	1.17E-02	6.46E-04	6.70E-03	3.71E-04	7.47E-05	5.52E-06	6.33E-03	3.48E-04	5.11E-05	3.77E-06	6.34E-03	3.49E-04	2.16E-01	1.66E-02	2.08E-01	2.53E-02
417	Gridded	4.80E-03	2.99E-04	4.10E-06	3.86E-07	2.30E-03	1.50E-04	5.04E-03	3.20E-04	5.00E-03	3.17E-04	4.79E-03	2.98E-04	5.80E-03	3.90E-04	5.80E-03	3.90E-04	8.90E-03	5.54E-04	5.04E-03	3.20E-04	5.69E-05	5.35E-06	4.80E-03	2.98E-04	3.89E-05	3.66E-06	4.80E-03	2.99E-04	1.53E-01	1.89E-02	2.68E-01	2.95E-02
418	Gridded	4.14E-03	3.25E-04	3.71E-06	3.70E-07	1.94E-03	1.64E-04	4.30E-03	3.48E-04	4.28E-03	3.45E-04	4.13E-03	3.24E-04	4.82E-03	4.24E-04	4.82E-03	4.24E-04	7.68E-03	6.02E-04	4.30E-03	3.48E-04	5.14E-05	5.13E-06	4.14E-03	3.24E-04	3.52E-05	3.51E-06	4.14E-03	3.25E-04	1.41E-01	2.18E-02	3.04E-01	3.32E-02
419	Gridded	2.86E-03	3.64E-04	3.56E-06	3.63E-07	1.40E-03	1.82E-04	2.99E-03	3.88E-04	2.96E-03	3.85E-04	2.86E-03	3.63E-04	3.64E-03	4.68E-04	3.64E-03	4.68E-04	5.31E-03	6.74E-04	2.99E-03	3.88E-04	4.94E-05	5.03E-06	2.86E-03	3.63E-04	3.38E-05	3.44E-06	2.86E-03	3.64E-04	1.37E-01	2.53E-02	3.20E-01	4.00E-02
420	Gridded	3.60E-03	3.40E-04	3.47E-06	3.68E-07	1.56E-03	1.72E-04	3.62E-03	3.65E-04	3.61E-03	3.61E-04	3.59E-03	3.38E-04	4.00E-03	4.45E-04	4.00E-03	4.45E-04	6.68E-03	6.29E-04	3.62E-03	3.65E-04	4.81E-05	5.11E-06	3.59E-03	3.39E-04	3.29E-05	3.49E-06	3.60E-03	3.40E-04	1.95E-01	2.57E-02	3.44E-01	4.14E-02
421	Gridded	3.37E-03	3.27E-04	4.44E-06	3.63E-07	1.68E-03	1.61E-04	3.60E-03	3.46E-04	3.56E-03	3.44E-04	3.36E-03	3.26E-04	4.31E-03	4.10E-04	4.31E-03	4.10E-04	6.25E-03	6.05E-04	3.60E-03	3.46E-04	6.15E-05	5.03E-06	3.37E-03	3.26E-04	4.21E-05	3.44E-06	3.38E-03	3.27E-04	1.99E-01	2.76E-02	3.58E-01	4.59E-02
422	Gridded	5.40E-03	6.23E-04	6.03E-06	7.00E-07	2.74E-03	3.16E-04	5.81E-03	6.70E-04	5.75E-03	6.63E-04	5.38E-03	6.20E-04	7.13E-03	8.23E-04	7.13E-03	8.23E-04	1.00E-02	1.15E-03	5.81E-03	6.70E-04	8.36E-05	9.71E-06	5.39E-03	6.22E-04	5.72E-05	6.65E-06	5.41E-03	6.23E-04	1.90E-01	3.21E-02	3.74E-01	4.78E-02
423	Gridded	5.37E-03	8.48E-04	5.26E-06	7.93E-07	2.66E-03	4.19E-04	5.69E-03	9.02E-04	5.64E-03	8.94E-04	5.35E-03	8.45E-04	6.84E-03	1.08E-03	6.84E-03	1.08E-03	9.95E-03	1.57E-03	5.69E-03	9.02E-04	7.30E-05	1.10E-05	5.36E-03	8.47E-04	4.99E-05	7.52E-06	5.37E-03	8.49E-04	2.25E-01	3.19E-02	4.28E-01	4.96E-02
424	Gridded	6.87E-03	6.43E-04	6.19E-06	6.24E-07	3.38E-03	3.20E-04	7.29E-03	6.85E-04	7.23E-03	6.80E-04	6.85E-03	6.41E-04	8.64E-03	8.22E-04	8.64E-03	8.22E-04	1.27E-02	1.19E-03	7.29E-03	6.85E-04	8.58E-05	8.65E-06	6.86E-03	6.42E-04	5.87E-05	5.92E-06	6.87E-03	6.44E-04	3.04E-01	2.97E-02	4.83E-01	4.47E-02
425	Gridded	6.38E-03	4.13E-04	5.75E-06	5.43E-07	3.14E-03	2.07E-04	6.77E-03	4.42E-04	6.71E-03	4.38E-04	6.36E-03	4.11E-04	8.03E-03	5.35E-04	8.03E-03	5.35E-04	1.18E-02	7.65E-04	6.77E-03	4.42E-04	7.98E-05	7.53E-06	6.37E-03	4.12E-04	5.46E-05	5.15E-06	6.39E-03	4.13E-04	2.05E-01	2.01E-02	3.45E-01	2.84E-02
426	Gridded	3.51E-03	3.75E-04	5.55E-06	6.94E-07	1.69E-03	1.97E-04	3.69E-03	4.07E-04	3.66E-03	4.02E-04	3.50E-03	3.73E-04	4.27E-03	5.44E-04	4.27E-03	5.44E-04	6.51E-03	6.94E-04	3.69E-03	4.07E-04	7.69E-05	9.62E-06	3.51E-03	3.74E-04	5.26E-05	6.58E-06	3.51E-03	3.75E-04	2.26E-01	2.39E-02	3.77E-01	3.88E-02
427	Gridded	4.51E-03	4.78E-04	6.01E-06	8.28E-07	2.13E-03	2.52E-04	4.70E-03	5.07E-04	4.68E-03	4.99E-04	4.50E-03	4.76E-04	5.32E-03	6.89E-04	5.32E-03	6.89E-04	8.37E-03	8.86E-04	4.70E-03	5.07E-04	8.34E-05	1.15E-05	4.51E-03	4.77E-04	5.71E-05	7.86E-06	4.51E-03	4.78E-04	2.06E-01	2.03E-02	3.32E-01	3.19E-02
428	Gridded	5.14E-03	6.44E-04	3.93E-06	4.40E-07	2.48E-03	3.07E-04	5.41E-03	6.73E-04	5.37E-03	6.69E-04	5.13E-03	6.42E-04	6.26E-03	7.70E-04	6.26E-03	7.70E-04	9.53E-03	1.19E-03	5.41E-03	6.73E-04	5.44E-05	6.10E-06	5.14E-03	6.43E-04	3.72E-05	4.17E-06	5.15E-03	6.44E-04	1.59E-01	1.43E-02	2.84E-01	2.18E-02
429	Gridded	5.02E-03	5.58E-04	3.83E-06	2.59E-07	2.21E-03	2.47E-04	5.08E-03	5.66E-04	5.07E-03	5.65E-04	5.02E-03	5.58E-04	5.27E-03	5.91E-04	5.27E-03	5.91E-04	9.33E-03	1.04E-03	5.08E-03	5.66E-04	5.31E-05	3.59E-06	5.02E-03	5.58E-04	3.63E-05	2.46E-06	5.03E-03	5.58E-04	1.69E-01	1.30E-02	2.86E-01	1.74E-02
430	Gridded	3.75E-03	3.20E-04	4.58E-06	3.50E-07	1.88E-03	1.62E-04	4.01E-03	3.43E-04	3.97E-03	3.40E-04	3.73E-03	3.18E-04	4.85E-03	4.20E-04	4.85E-03	4.20E-04	6.94E-03	5.92E-04	4.01E-03	3.43E-04	6.36E-05	4.85E-06	3.74E-03	3.19E-04	4.35E-05	3.32E-06	3.75E-03	3.20E-04	1.72E-01	1.60E-02	2.29E-01	1.82E-02
431	Gridded	4.55E-03	3.37E-04	4.47E-06	3.25E-07	2.27E-03	1.68E-04	4.85E-03	3.59E-04	4.81E-03	3.56E-04	4.54E-03	3.36E-04	5.83E-03	4.30E-04	5.83E-03	4.30E-04	8.43E-03	6.25E-04	4.85E-03	3.59E-04	6.20E-05	4.50E-06	4.55E-03	3.37E-04	4.25E-05	3.08E-06	4.56E-03	3.38E-04	2.02E-01	1.71E-02	2.72E-01	2.01E-02
432	Gridded	3.30E-03	2.79E-04	3.96E-06	3.11E-07	1.69E-03	1.42E-04	3.57E-03	3.00E-04	3.53E-03	2.97E-04	3.29E-03	2.78E-04	4.43E-03	3.68E-04	4.43E-03	3.68E-04	6.12E-03	5.17E-04	3.57E-03	3.00E-04	5.50E-05	4.32E-06	3.30E-03	2.79E-04	3.76E-05	2.95E-06	3.30E-03	2.80E-04	2.01E-01	1.50E-02	2.57E-01	1.99E-02
433	Gridded	4.19E-03	3.22E-04	4.02E-06	3.67E-07	2.07E-03	1.61E-04	4.45E-03	3.44E-04	4.42E-03	3.41E-04	4.18E-03	3.21E-04	5.31E-03	4.17E-04	5.31E-03	4.17E-04	7.76E-03	5.96E-04	4.45E-03	3.44E-04	5.58E-05	5.09E-06	4.18E-03	3.21E-04	3.82E-05	3.49E-06	4.19E-03	3.22E-04	1.76E-01	1.94E-02	2.65E-01	2.57E-02
434	Gridded	3.01E-03	3.29E-04	4.69E-06	3.71E-07	1.46E-03	1.67E-04	3.14E-03	3.55E-04	3.13E-03	3.51E-04	3.00E-03	3.28E-04	3.97E-03	4.36E-04	3.97E-03	4.36E-04	5.58E-03	6.10E-04	3.14E-03	3.55E-04	6.50E-05	5.15E-06	3.01E-03	3.29E-04	4.45E-05	3.52E-06	3.01E-03	3.30E-04	1.79E-01	2.02E-02	2.35E-01	2.68E-02
435	Gridded	3.75E-03	4.06E-04	5.01E-06	4.53E-07	1.92E-03	2.06E-04	4.00E-03	4.36E-04	3.96E-03	4.32E-04	3.74E-03	4.04E-04	5.09E-03	5.35E-04	5.09E-03	5.35E-04	6.95E-03	7.52E-04	4.00E-03	4.36E-04	6.95E-05	6.28E-06	3.74E-03	4.05E-04	4.75E-05	4.30E-06	3.75E-03	4.06E-04	1.78E-01	2.10E-02	2.14E-01	2.51E-02
436	Gridded	4.45E-03	3.76E-04	4.09E-06	3.30E-07	2.20E-03	1.81E-04	4.73E-03	3.95E-04	4.69E-03	3.92E-04	4.44E-03	3.75E-04	5.63E-03	4.55E-04	5.63E-03	4.55E-04	8.25E-03	6.97E-04	4.73E-03	3.95E-04	5.67E-05	4.58E-06	4.45E-03	3.76E-04	3.88E-05	3.13E-06	4.46E-03	3.76E-04	1.21E-01	1.69E-02	3.02E-01	2.25E-02
437	Gridded	4.52E-03	2.53E-04	2.93E-06	2.70E-07	2.09E-03	1.28E-04	4.67E-03	2.71E-04	4.65E-03	2.69E-04	4.51E-03	2.52E-04	5.15E-03	3.30E-04	5.15E-03	3.30E-04	8.38E-03	4.69E-04	4.67E-03	2.71E-04	4.07E-05	3.74E-06	4.52E-03	2.53E-04	2.78E-05	2.56E-06	4.52E-03	2.53E-04	1.26E-01	1.50E-02	2.83E-01	2.87E-02
438	Gridded	3.83E-03	2.85E-04	2.59E-06	3.49E-07	1.70E-03	1.47E-04	3.89E-03	3.09E-04	3.88E-03	3.06E-04	3.83E-03	2.84E-04	4.06E-03	3.85E-04	4.06E-03	3.85E-04	7.12E-03	5.29E-04	3.89E-03	3.09E-04	3.59E-05	4.83E-06	3.83E-03	2.85E-04	2.46E-05	3.31E-06	3.83E-03	2.86E-04	1.07E-01	1.29E-02	3.79E-01	2.89E-02
439	Gridded	2.68E-03	4.02E-04	2.53E-06	3.72E-07	1.31E-03	1.98E-04	2.84E-03	4.27E-04	2.82E-03	4.23E-04	2.68E-03	4.00E-04	3.33E-03	5.08E-04	3.33E-03	5.08E-04	4.98E-03	7.44E-04	2.84E-03	4.27E-04	3.51E-05	5.16E-06	2.68E-03	4.01E-04	2.40E-05	3.53E-06	2.69E-03	4.02E-04	1.19E-01	1.29E-02	2.83E-01	2.77E-02
440	Gridded	2.44E-03	3.15E-04	2.52E-06	2.73E-07	1.22E-03	1.54E-04	2.61E-03	3.33E-04	2.58E-03	3.31E-04	2.43E-03	3.14E-04	3.16E-03	3.93E-04	3.16E-03	3.93E-04	4.51E-03	5.83E-04	2.61E-03	3.33E-04	3.49E-05	3.79E-06	2.43E-03	3.14E-04	2.39E-05	2.59E-06	2.44E-03	3.15E-04	1.22E-01	1.39E-02	2.72E-01	2.66E-02
441	Gridded	2.22E-03	2.34E-04	2.78E-06	2.76E-07	1.11E-03	1.20E-04	2.37E-03	2.53E-04	2.35E-03	2.50E-04	2.21E-03	2.33E-04	2.86E-03	3.13E-04	2.86E-03	3.13E-04	4.11E-03	4.34E-04	2.37E-03	2.53E-04	3.85E-05	3.82E-06	2.21E-03	2.34E-04	2.64E-05	2.62E-06	2.22E-03	2.35E-04	1.21E-01	1.54E-02	2.41E-01	2.98E-02
442	Gridded	2.21E-03	2.98E-04	3.18E-06	3.05E-07	1.13E-03	1.49E-04	2.38E-03	3.18E-04	2.36E-03	3.15E-04	2.20E-03	2.96E-04	2.94E-03	3.85E-04	2.94E-03	3.85E-04	4.09E-03	5.51E-04	2.38E-03	3.18E-04	4.41E-05	4.23E-06	2.21E-03	2.97E-04	3.02E-05	2.89E-06	2.21E-03	2.98E-04	1.28E-01	1.71E-02	3.33E-01	3.46E-02
443	Gridded	2.93E-03	3.11E-04	2.76E-06	3.02E-07	1.42E-03	1.52E-04	3.09E-03	3.28E-04	3.07E-03	3.26E-04	2.92E-03	3.10E-04	3.60E-03	3.85E-04	3.60E-03	3.85E-04	5.43E-03	5.76E-04	3.09E-03	3.28E-04	3.83E-05	4.19E-06	2.93E-03	3.11E-04	2.62E-05	2.87E-06	2.93E-03	3.11E-04	1.26E-01	1.87E-02	3.61E-01	3.29E-02
444	Gridded	2.89E-03	3.65E-04	2.72E-06	3.63E-07	1.43E-03	1.82E-04	3.07E-03	3.90E-04	3.05E-03	3.86E-04	2.88E-03	3.64E-04	3.67E-03	4.69E-04	3.67E-03	4.69E-04	5.35E-03	6.77E-04	3.07E-03	3.90E-04	3.77E-05	5.04E-06	2.88E-03	3.65E-04	2.58E-05	3.45E-06	2.89E-03	3.66E-04	1.67E-01	1.90E-02	2.72E-01	2.38E-02
445	Gridded	2.76E-03	3.89E-04	3.10E-06	3.62E-07	1.40E-03	1.92E-04	2.97E-03	4.14E-04	2.94E-03	4.10E-04	2.75E-03	3.88E-04	3.65E-03	4.93E-04	3.65E-03	4.93E-04	5.11E-03	7.21E-04	2.97E-03	4.14E-04	4.30E-05	5.02E-06	2.76E-03	3.89E-04	2.94E-05	3.43E-06	2.76E-03	3.90E-04	1.42E-01	1.82E-02	2.03E-01	2.14E-02
446	Gridded	3.24E-03	3.63E-04	4.36E-06	5.48E-07	1.57E-03	1.78E-04	3.42E-03	3.84E-04	3.40E-03	3.81E-04	3.23E-03	3.62E-04	4.02E-03	4.53E-04	4.02E-03	4.53E-04	6.01E-03	6.72E-04	3.42E-03	3.84E-04	6.04E-05	7.60E-06	3.24E-03	3.62E-04	4.13E-05	5.20E-06	3.25E-03	3.63E-04	1.60E-01	1.78E-02	2.44E-01	3.08E-02
447	Gridded	4.33E-03	2.86E-04	5.94E-06	7.04E-07	2.20E-03	1.58E-04	4.66E-03	3.20E-04	4.61E-03	3.15E-04	4.31E-03	2.85E-04	5.74E-03	4.28E-04	5.74E-03	4.28E-04	8.01E-03	5.30E-04	4.66E-03	3.20E-04	8.24E-05	9.77E-06	4.32E-03	2.86E-04	5.64E-05	6.68E-06	4.33E-03	2.87E-04	1.89E-01	2.16E-02	2.94E-01	3.42E-02
448	Gridded	3.19E-03	3.53E-04	6.21E-06	5.61E-07	1.58E-03	1.82E-04	3.39E-03	3.82E-04	3.36E-03	3.78E-04	3.17E-03	3.51E-04	4.04E-03	4.77E-04	4.04E-03	4.77E-04	5.90E-03	6.54E-04	3.39E-03	3.82E-04	8.62E-05	7.78E-06	3.18E-03	3.52E-04	5.89E-05	5.32E-06	3.19E-03	3.53E-04	1.35E-01	1.79E-02	2.25E-01	2.24E-02
449	Gridded	3.35E-03	3.84E-04	3.68E-06	3.78E-07	1.70E-03	1.91E-04	3.60E-03	4.09E-04	3.57E-03	4.06E-04	3.34E-03	3.82E-04	4.41E-03	4.92E-04	4.41E-03	4.92E-04	6.21E-03	7.11E-04	3.60E-03	4.09E-04	5.11E-05	5.24E-06	3.35E-03	3.83E-04	3.50E-05	3.58E-06	3.36E-03	3.84E-04	1.79E-01	2.02E-02	2.17E-01	2.30E-02
450	Gridded	4.48E-03	4.69E-04	4.45E-06	4.16E-07	2.24E-03	2.30E-04	4.78E-03	4.97E-04	4.74E-03	4.93E-04	4.47E-03	4.68E-04	5.76E-03	5.88E-04	5.76E-03	5.88E-04	8.30E-03	8.70E-04	4.78E-03	4.97E-04	6.17E-05	5.77E-06	4.48E-03	4.69E-04	4.22E-05	3.95E-06	4.49E-03	4.70E-04	1.65E-01	2.34E-02	2.40E-01	2.45E-02
451	Gridded	4.10E-03	6.21E-04	4.22E-06	6.06E-07	1.98E-03	3.09E-04	4.31E-03	6.62E-04	4.28E-03	6.56E-04	4.08E-03	6.19E-04	5.09E-03	7.95E-04	5.09E-03	7.95E-04	7.59E-03	1.15E-03	4.31E-03	6.62E-04	5.85E-05	8.41E-06	4.09E-03	6.20E-04	4.00E-05	5.75E-06	4.10E-03	6.21E-04	2.00E-01	3.21E-02	2.56E-01	3.25E-02
452	Gridded	4.84E-03	7.60E-04	4.56E-06	6.95E-07	2.16E-03	3.75E-04	4.84E-03	8.07E-04	4.84E-03	8.00E-04	4.84E-03	7.57E-04	5.58E-03	9.59E-04	5.58E-03	9.59E-04	8.99E-03	1.41E-03	4.84E-03	8.07E-04	6.33E-05	9.64E-06	4.84E-03	7.59E-04	4.33E-05	6.60E-06	4.84E-03	7.60E-04	2.17E-01	3.60E-02	2.38E-01	3.38E-02
453	Gridded	3.78E-03	6.17E-04	3.65E-06	5.35E-07	1.84E-03	3.02E-04	3.99E-03	6.53E-04	3.96E-03	6.48E-04	3.77E-03	6.15E-04	4.66E-03	7.70E-04	4.66E-03	7.70E-04	7.00E-03	1.14E-03	3.99E-03	6.53E-04	5.07E-05	7.42E-06	3.77E-03	6.16E-04	3.47E-05	5.08E-06	3.78E-03	6.17E-04	1.65E-01	2.87E-02	2.72E-01	3.28E-02
454	Gridded	3.31E-03	4.30E-04	4.87E-06	5.48E-07	1.60E-03	2.23E-04	3.48E-03	4.67E-04	3.46E-03	4.62E-04	3.30E-03	4.28E-04	4.06E-03	5.87E-04	4.06E-03	5.87E-04	6.13E-03	7.96E-04	3.48E-03	4.67E-04	6.76E-05	7.60E-06	3.30E-03	4.29E-04	4.62E-05	5.20E-06	3.31E-03	4.31E-04	1.39E-01	2.68E-02	2.93E-01	3.31E-02
455	Gridded	2.65E-03	4.95E-04	4.92E-06	5.31E-07	1.28E-03	2.50E-04	2.77E-03	5.31E-04	2.75E-03	5.26E-04	2.64E-03	4.93E-04	3.23E-03	6.47E-04	3.23E-03	6.47E-04	4.92E-03	9.17E-04	2.77E-03	5.31E-04	6.82E-05	7.36E-06	2.65E-03	4.94E-04	4.67E-05	5.04E-06	2.65E-03	4.95E-04	1.45E-01	2.59E-02	3.11E-01	3.44E-02
456	Gridded	3.23E-03	5.66E-04	3.36E-06	5.85E-07	1.58E-03	2.78E-04	3.42E-03	6.00E-04	3.39E-03	5.95E-04	3.21E-03	5.65E-04	4.04E-03	7.08E-04	4.04E-03	7.08E-04	5.98E-03	1.05E-03	3.42E-03	6.00E-04	4.66E-05	8.11E-06	3.22E-03	5.66E-04	3.19E-05	5.55E-06	3.23E-03	5.67E-04	1.59E-01	3.61E-02	2.71E-01	3.75E-02
457	Gridded	3.08E-03	7.37E-04	3.55E-06	8.31E-07	1.53E-03	3.75E-04	3.27E-03	7.94E-04	3.25E-03	7.86E-04	3.07E-03	7.34E-04	4.01E-03	9.75E-04	4.01E-03	9.75E-04	5.72E-03	1.37E-03	3.27E-03	7.94E-04	4.92E-05	1.15E-05	3.08E-03	7.36E-04	3.37E-05	7.88E-06	3.09E-03	7.38E-04	1.92E-01	4.40E-02	2.44E-01	4.32E-02
458	Gridded	3.99E-03	8.86E-04	3.81E-06	9.57E-07	1.92E-03	4.47E-04	4.11E-03	9.50E-04	4.07E-03	9.41E-04	3.98E-03	8.82E-04	4.94E-03	1.16E-03	4.94E-03	1.16E-03	7.40E-03	1.64E-03	4.11E-03	9.50E-04	5.28E-05	1.33E-05	3.99E-03	8.84E-04	3.61E-05	9.08E-06	3.99E-03	8.86E-04	1.83E-01	4.44E-02	1.99E-01	4.09E-02
459	Gridded	4.32E-03	8.29E-04	3.29E-06	8.29E-07	1.86E-03	4.14E-04	4.33E-03	8.85E-04	4.33E-03	8.78E-04	4.32E-03	8.26E-04	4.36E-03	1.07E-03	4.36E-03	1.07E-03	8.03E-03	1.54E-03	4.33E-03	8.85E-04	4.56E-05	1.15E-05	4.32E-03	8.28E-04	3.12E-05	7.87E-06	4.32E-03	8.30E-04	1.56E-01	3.55E-02	1.85E-01	3.37E-02

Scenario 4 Results

460	Gridded	3.56E-03	5.48E-04	3.13E-06	4.85E-07	1.65E-03	2.60E-04	3.68E-03	5.72E-04	3.66E-03	5.68E-04	3.55E-03	5.47E-04	4.07E-03	6.49E-04	4.07E-03	6.49E-04	6.60E-03	1.02E-03	3.68E-03	5.72E-04	4.34E-05	6.73E-06	3.55E-03	5.48E-04	2.97E-05	4.61E-06	3.56E-03	5.48E-04	1.18E-01	2.45E-02	1.70E-01	3.50E-02
461	Gridded	3.03E-03	4.55E-04	3.35E-06	4.59E-07	1.53E-03	2.27E-04	3.25E-03	4.85E-04	3.22E-03	4.81E-04	3.01E-03	4.53E-04	3.97E-03	5.85E-04	3.97E-03	5.85E-04	5.61E-03	8.42E-04	3.25E-03	4.85E-04	4.64E-05	6.36E-06	3.02E-03	4.54E-04	3.18E-05	4.35E-06	3.03E-03	4.55E-04	1.22E-01	2.49E-02	1.77E-01	3.68E-02
462	Gridded	3.41E-03	4.11E-04	3.00E-06	4.53E-07	1.66E-03	2.06E-04	3.60E-03	4.39E-04	3.57E-03	4.36E-04	3.40E-03	4.10E-04	4.23E-03	5.31E-04	4.23E-03	5.31E-04	6.32E-03	7.62E-04	3.60E-03	4.39E-04	4.16E-05	6.29E-06	3.40E-03	4.11E-04	2.84E-05	4.30E-06	3.41E-03	4.12E-04	1.29E-01	2.27E-02	1.69E-01	3.27E-02
463	Gridded	4.79E-03	3.63E-04	3.70E-06	4.93E-07	2.29E-03	1.90E-04	5.02E-03	3.96E-04	4.99E-03	3.92E-04	4.77E-03	3.61E-04	5.77E-03	5.04E-04	5.77E-03	5.04E-04	8.87E-03	6.72E-04	5.02E-03	3.96E-04	5.13E-05	6.84E-06	4.78E-03	3.62E-04	3.51E-05	4.68E-06	4.79E-03	3.63E-04	1.43E-01	1.89E-02	1.76E-01	2.81E-02
464	Gridded	5.60E-03	3.73E-04	4.45E-06	4.83E-07	2.71E-03	1.94E-04	5.89E-03	4.06E-04	5.85E-03	4.01E-04	5.58E-03	3.71E-04	6.84E-03	5.12E-04	6.84E-03	5.12E-04	1.04E-02	6.91E-04	5.89E-03	4.06E-04	6.17E-05	6.70E-06	5.59E-03	3.72E-04	4.22E-05	4.59E-06	5.60E-03	3.74E-04	1.41E-01	1.96E-02	1.78E-01	2.60E-02
465	Gridded	5.65E-03	3.73E-04	4.50E-06	4.20E-07	2.74E-03	1.87E-04	5.95E-03	3.97E-04	5.91E-03	3.94E-04	5.63E-03	3.72E-04	6.94E-03	4.87E-04	6.94E-03	4.87E-04	1.05E-02	6.92E-04	5.95E-03	3.97E-04	6.24E-05	5.83E-06	5.64E-03	3.73E-04	4.27E-05	3.99E-06	5.65E-03	3.74E-04	1.49E-01	1.98E-02	1.97E-01	2.73E-02
466	Gridded	5.19E-03	3.45E-04	4.21E-06	3.15E-07	2.52E-03	1.66E-04	5.48E-03	3.62E-04	5.44E-03	3.60E-04	5.18E-03	3.44E-04	6.40E-03	4.25E-04	6.40E-03	4.25E-04	9.62E-03	6.40E-04	5.48E-03	3.62E-04	5.83E-05	4.37E-06	5.19E-03	3.45E-04	3.99E-05	2.99E-06	5.20E-03	3.45E-04	1.89E-01	1.92E-02	2.52E-01	3.15E-02
467	Gridded	6.40E-03	3.39E-04	6.04E-06	4.08E-07	3.17E-03	1.62E-04	6.81E-03	3.51E-04	6.75E-03	3.49E-04	6.38E-03	3.39E-04	8.14E-03	4.19E-04	8.14E-03	4.19E-04	1.19E-02	6.29E-04	6.81E-03	3.51E-04	8.38E-05	5.66E-06	6.40E-03	3.39E-04	5.73E-05	3.87E-06	6.41E-03	3.39E-04	2.51E-01	1.82E-02	2.65E-01	3.09E-02
468	Gridded	7.36E-03	3.93E-04	6.19E-06	4.70E-07	3.59E-03	1.94E-04	7.77E-03	4.18E-04	7.71E-03	4.14E-04	7.33E-03	3.92E-04	9.13E-03	4.98E-04	9.13E-03	4.98E-04	1.36E-02	7.29E-04	7.77E-03	4.18E-04	8.59E-05	6.52E-06	7.35E-03	3.93E-04	5.88E-05	4.46E-06	7.36E-03	3.94E-04	2.46E-01	1.90E-02	2.33E-01	2.87E-02
469	Gridded	5.11E-03	3.19E-04	4.36E-06	4.07E-07	2.47E-03	1.61E-04	5.38E-03	3.42E-04	5.34E-03	3.39E-04	5.10E-03	3.18E-04	6.24E-03	4.22E-04	6.24E-03	4.22E-04	9.48E-03	5.92E-04	5.38E-03	3.42E-04	6.05E-05	5.64E-06	5.11E-03	3.19E-04	4.14E-05	3.86E-06	5.12E-03	3.20E-04	1.67E-01	2.04E-02	2.69E-01	3.13E-02
470	Gridded	3.56E-03	3.28E-04	3.80E-06	3.74E-07	1.67E-03	1.65E-04	3.70E-03	3.51E-04	3.68E-03	3.48E-04	3.55E-03	3.26E-04	4.14E-03	4.27E-04	4.14E-03	4.27E-04	6.61E-03	6.07E-04	3.70E-03	3.51E-04	5.27E-05	5.19E-06	3.56E-03	3.27E-04	3.61E-05	3.55E-06	3.56E-03	3.28E-04	1.44E-01	2.27E-02	2.98E-01	3.49E-02
471	Gridded	3.41E-03	4.05E-04	3.95E-06	4.10E-07	1.61E-03	2.03E-04	3.49E-03	4.33E-04	3.48E-03	4.29E-04	3.40E-03	4.04E-04	4.16E-03	5.23E-04	4.16E-03	5.23E-04	6.32E-03	7.51E-04	3.49E-03	4.33E-04	5.47E-05	5.69E-06	3.41E-03	4.05E-04	3.74E-05	3.89E-06	3.41E-03	4.06E-04	1.70E-01	2.79E-02	3.21E-01	4.44E-02
472	Gridded	4.07E-03	3.64E-04	3.95E-06	4.18E-07	1.76E-03	1.86E-04	4.09E-03	3.92E-04	4.08E-03	3.88E-04	4.07E-03	3.63E-04	4.16E-03	4.84E-04	4.16E-03	4.84E-04	7.56E-03	6.74E-04	4.09E-03	3.92E-04	5.48E-05	5.79E-06	4.07E-03	3.64E-04	3.75E-05	3.96E-06	4.07E-03	3.65E-04	2.17E-01	2.82E-02	3.94E-01	4.52E-02
473	Gridded	3.94E-03	4.02E-04	5.53E-06	5.27E-07	1.97E-03	2.10E-04	4.06E-03	4.38E-04	4.00E-03	4.33E-04	3.94E-03	4.00E-04	5.27E-03	5.53E-04	5.27E-03	5.53E-04	7.31E-03	7.44E-04	4.06E-03	4.38E-04	7.67E-05	7.30E-06	3.94E-03	4.01E-04	5.25E-05	5.00E-06	3.94E-03	4.02E-04	1.97E-01	3.22E-02	4.20E-01	5.30E-02
474	Gridded	5.79E-03	8.12E-04	5.53E-06	8.18E-07	2.86E-03	4.06E-04	6.15E-03	8.67E-04	6.10E-03	8.60E-04	5.77E-03	8.09E-04	7.31E-03	1.05E-03	7.31E-03	1.05E-03	1.07E-02	1.50E-03	6.15E-03	8.67E-04	7.67E-05	1.14E-05	5.78E-03	8.11E-04	5.25E-05	7.77E-06	5.79E-03	8.13E-04	2.17E-01	3.38E-02	4.09E-01	5.37E-02
475	Gridded	5.45E-03	7.58E-04	5.05E-06	7.15E-07	2.69E-03	3.75E-04	5.79E-03	8.06E-04	5.74E-03	7.99E-04	5.43E-03	7.55E-04	6.90E-03	9.62E-04	6.90E-03	9.62E-04	1.01E-02	1.40E-03	5.79E-03	8.06E-04	7.00E-05	9.91E-06	5.44E-03	7.56E-04	4.79E-05	6.78E-06	5.46E-03	7.58E-04	2.96E-01	3.38E-02	4.74E-01	5.34E-02
476	Gridded	7.33E-03	4.90E-04	6.62E-06	6.05E-07	3.61E-03	2.45E-04	7.78E-03	5.23E-04	7.71E-03	5.19E-04	7.31E-03	4.88E-04	9.23E-03	6.33E-04	9.23E-03	6.33E-04	1.36E-02	9.07E-04	7.78E-03	5.23E-04	9.18E-05	8.39E-06	7.32E-03	4.89E-04	6.28E-05	5.74E-06	7.34E-03	4.90E-04	2.51E-01	2.50E-02	3.69E-01	3.20E-02
477	Gridded	3.79E-03	3.83E-04	5.81E-06	6.54E-07	1.84E-03	2.03E-04	3.99E-03	4.20E-04	3.97E-03	4.15E-04	3.78E-03	3.81E-04	4.68E-03	5.43E-04	4.68E-03	5.43E-04	7.03E-03	7.08E-04	3.99E-03	4.20E-04	8.05E-05	9.07E-06	3.79E-03	3.82E-04	5.51E-05	6.21E-06	3.80E-03	3.83E-04	2.30E-01	2.41E-02	3.74E-01	3.76E-02
478	Gridded	4.08E-03	4.76E-04	5.72E-06	8.71E-07	2.01E-03	2.35E-04	4.33E-03	5.03E-04	4.29E-03	5.00E-04	4.07E-03	4.75E-04	5.14E-03	6.55E-04	5.14E-03	6.55E-04	7.56E-03	8.83E-04	4.33E-03	5.03E-04	7.93E-05	1.21E-05	4.07E-03	4.76E-04	5.42E-05	8.26E-06	4.08E-03	4.77E-04	2.20E-01	2.33E-02	3.39E-01	3.85E-02
479	Gridded	5.31E-03	6.35E-04	4.79E-06	5.69E-07	2.59E-03	3.12E-04	5.62E-03	6.73E-04	5.57E-03	6.68E-04	5.30E-03	6.32E-04	6.59E-03	7.98E-04	6.59E-03	7.98E-04	9.85E-03	1.18E-03	5.62E-03	6.73E-04	6.64E-05	7.89E-06	5.31E-03	6.34E-04	4.54E-05	5.40E-06	5.32E-03	6.35E-04	1.75E-01	1.60E-02	2.86E-01	2.54E-02
480	Gridded	5.46E-03	6.60E-04	4.09E-06	2.90E-07	2.42E-03	2.94E-04	5.54E-03	6.71E-04	5.53E-03	6.70E-04	5.45E-03	6.60E-04	5.80E-03	7.06E-04	5.80E-03	7.06E-04	1.01E-02	1.23E-03	5.54E-03	6.71E-04	5.67E-05	4.02E-06	5.46E-03	6.60E-04	3.88E-05	2.75E-06	5.46E-03	6.61E-04	1.86E-01	1.35E-02	3.20E-01	1.93E-02
481	Gridded	4.42E-03	3.23E-04	4.92E-06	3.71E-07	2.07E-03	1.65E-04	4.48E-03	3.48E-04	4.47E-03	3.45E-04	4.42E-03	3.22E-04	5.37E-03	4.29E-04	5.37E-03	4.29E-04	8.20E-03	5.98E-04	4.48E-03	3.48E-04	6.82E-05	5.14E-06	4.42E-03	3.22E-04	4.67E-05	3.52E-06	4.42E-03	3.23E-04	1.85E-01	1.67E-02	2.59E-01	1.97E-02
482	Gridded	4.81E-03	3.75E-04	4.88E-06	3.57E-07	2.41E-03	1.86E-04	5.14E-03	3.99E-04	5.09E-03	3.95E-04	4.79E-03	3.73E-04	6.21E-03	4.77E-04	6.21E-03	4.77E-04	8.91E-03	6.94E-04	5.14E-03	3.99E-04	6.77E-05	4.96E-06	4.80E-03	3.74E-04	4.63E-05	3.39E-06	4.81E-03	3.75E-04	2.18E-01	1.88E-02	3.01E-01	2.15E-02
483	Gridded	3.77E-03	3.12E-04	4.24E-06	3.48E-07	1.86E-03	1.58E-04	4.00E-03	3.35E-04	3.97E-03	3.32E-04	3.75E-03	3.11E-04	4.75E-03	4.11E-04	4.75E-03	4.11E-04	6.98E-03	5.78E-04	4.00E-03	3.35E-04	5.88E-05	4.82E-06	3.76E-03	3.11E-04	4.03E-05	3.30E-06	3.77E-03	3.12E-04	2.14E-01	1.66E-02	2.84E-01	2.19E-02
484	Gridded	4.53E-03	3.52E-04	4.50E-06	4.11E-07	2.24E-03	1.77E-04	4.81E-03	3.77E-04	4.77E-03	3.73E-04	4.52E-03	3.51E-04	5.73E-03	4.58E-04	5.73E-03	4.58E-04	8.40E-03	6.53E-04	4.81E-03	3.77E-04	6.25E-05	5.70E-06	4.52E-03	3.52E-04	4.27E-05	3.90E-06	4.53E-03	3.53E-04	1.89E-01	2.13E-02	2.93E-01	2.80E-02
485	Gridded	3.33E-03	3.64E-04	5.46E-06	4.04E-07	1.72E-03	1.85E-04	3.47E-03	3.92E-04	3.45E-03	3.88E-04	3.32E-03	3.63E-04	4.67E-03	4.80E-04	4.67E-03	4.80E-04	6.17E-03	6.75E-04	3.47E-03	3.92E-04	7.58E-05	5.60E-06	3.33E-03	3.64E-04	5.18E-05	3.83E-06	3.33E-03	3.65E-04	1.87E-01	2.20E-02	2.47E-01	2.98E-02
486	Gridded	4.05E-03	4.47E-04	5.45E-06	4.78E-07	2.12E-03	2.26E-04	4.42E-03	4.80E-04	4.36E-03	4.75E-04	4.03E-03	4.46E-04	5.61E-03	5.84E-04	5.61E-03	5.84E-04	7.49E-03	8.29E-04	4.42E-03	4.80E-04	7.56E-05	6.63E-06	4.04E-03	4.47E-04	5.18E-05	4.54E-06	4.05E-03	4.48E-04	1.93E-01	2.23E-02	2.39E-01	2.74E-02
487	Gridded	4.31E-03	3.47E-04	3.89E-06	3.31E-07	2.12E-03	1.66E-04	4.58E-03	3.63E-04	4.54E-03	3.61E-04	4.30E-03	3.46E-04	5.43E-03	4.17E-04	5.43E-03	4.17E-04	8.00E-03	6.43E-04	4.58E-03	3.63E-04	5.40E-05	4.60E-06	4.31E-03	3.47E-04	3.69E-05	3.15E-06	4.32E-03	3.47E-04	1.24E-01	1.70E-02	3.28E-01	2.59E-02
488	Gridded	4.40E-03	2.50E-04	2.81E-06	2.60E-07	2.03E-03	1.25E-04	4.54E-03	2.67E-04	4.52E-03	2.65E-04	4.39E-03	2.49E-04	5.00E-03	3.24E-04	5.00E-03	3.24E-04	8.15E-03	4.63E-04	4.54E-03	2.67E-04	3.90E-05	3.61E-06	4.39E-03	2.49E-04	2.67E-05	2.47E-06	4.40E-03	2.50E-04	1.19E-01	1.48E-02	3.33E-01	3.09E-02
489	Gridded	3.97E-03	3.45E-04	2.78E-06	3.86E-07	1.76E-03	1.75E-04	4.02E-03	3.71E-04	4.02E-03	3.68E-04	3.96E-03	3.44E-04	4.21E-03	4.56E-04	4.21E-03	4.56E-04	7.36E-03	6.39E-04	4.02E-03	3.71E-04	3.86E-05	5.36E-06	3.96E-03	3.45E-04	2.64E-05	3.67E-06	3.97E-03	3.45E-04	1.20E-01	1.36E-02	4.13E-01	3.14E-02
490	Gridded	2.63E-03	4.13E-04	2.87E-06	3.74E-07	1.26E-03	2.03E-04	2.76E-03	4.38E-04	2.74E-03	4.35E-04	2.62E-03	4.12E-04	3.18E-03	5.20E-04	3.18E-03	5.20E-04	4.87E-03	7.65E-04	2.76E-03	4.38E-04	3.97E-05	5.18E-06	2.63E-03	4.12E-04	2.72E-05	3.54E-06	2.63E-03	4.13E-04	1.27E-01	1.45E-02	2.55E-01	2.89E-02
491	Gridded	2.66E-03	2.91E-04	2.56E-06	2.57E-07	1.30E-03	1.43E-04	2.82E-03	3.08E-04	2.79E-03	3.06E-04	2.65E-03	2.90E-04	3.32E-03	3.64E-04	3.32E-03	3.64E-04	4.93E-03	5.39E-04	2.82E-03	3.08E-04	3.55E-05	3.56E-06	2.66E-03	2.91E-04	2.43E-05	2.44E-06	2.66E-03	2.91E-04	1.23E-01	1.59E-02	2.85E-01	2.85E-02
492	Gridded	2.42E-03	2.83E-04	3.28E-06	3.20E-07	1.21E-03	1.44E-04	2.58E-03	3.04E-04	2.56E-03	3.01E-04	2.41E-03	2.82E-04	3.10E-03	3.75E-04	3.10E-03	3.75E-04	4.49E-03	5.24E-04	2.58E-03	3.04E-04	4.55E-05	4.44E-06	2.42E-03	2.82E-04	3.11E-05	3.04E-06	2.42E-03	2.83E-04	1.30E-01	1.77E-02	3.10E-01	3.43E-02
493	Gridded	2.93E-03	3.35E-04	3.07E-06	3.11E-07	1.46E-03	1.65E-04	3.12E-03	3.56E-04	3.09E-03	3.53E-04	2.92E-03	3.33E-04	3.74E-03	4.24E-04	3.74E-03	4.24E-04	5.43E-03	6.20E-04	3.12E-03	3.56E-04	4.26E-05	4.32E-06	2.92E-03	3.34E-04	2.92E-05	2.95E-06	2.93E-03	3.35E-04	1.26E-01	1.94E-02	4.26E-01	3.82E-02
494	Gridded	3.01E-03	3.46E-04	3.26E-06	3.62E-07	1.47E-03	1.74E-04	3.19E-03	3.70E-04	3.16E-03	3.67E-04	3.00E-03	3.44E-04	3.75E-03	4.49E-04	3.75E-03	4.49E-04	5.58E-03	6.40E-04	3.19E-03	3.70E-04	4.53E-05	5.02E-06	3.01E-03	3.45E-04	3.10E-05	3.44E-06	3.01E-03	3.46E-04	1.64E-01	2.05E-02	3.80E-01	3.18E-02
495	Gridded	3.10E-03	4.08E-04	3.20E-06	3.92E-07	1.55E-03	2.02E-04	3.31E-03	4.34E-04	3.28E-03	4.31E-04	3.09E-03	4.06E-04	4.02E-03	5.20E-04	4.02E-03	5.20E-04	5.74E-03	7.56E-04	3.31E-03	4.34E-04	4.44E-05	5.43E-06	3.09E-03	4.07E-04	3.04E-05	3.72E-06	3.10E-03	4.08E-04	1.80E-01	2.00E-02	2.26E-01	2.36E-02
496	Gridded	3.43E-03	4.00E-04	3.44E-06	4.45E-07	1.68E-03	1.96E-04	3.63E-03	4.24E-04	3.60E-03	4.20E-04	3.41E-03	3.98E-04	4.29E-03	5.02E-04	4.29E-03	5.02E-04	6.35E-03	7.41E-04	3.63E-03	4.24E-04	4.77E-05	6.17E-06	3.42E-03	3.99E-04	3.26E-05	4.22E-06	3.43E-03	4.00E-04	1.39E-01	1.71E-02	2.42E-01	2.58E-02
497	Gridded	3.67E-03	3.19E-04	4.97E-06	6.35E-07	1.92E-03	1.56E-04	4.01E-03	3.37E-04	3.96E-03	3.35E-04	3.65E-03	3.18E-04	5.09E-03	3.96E-04	5.09E-03	3.96E-04	6.79E-03	5.92E-04	4.01E-03	3.37E-04	6.89E-05	8.80E-06	3.66E-03	3.19E-04	4.72E-05	6.02E-06	3.67E-03	3.19E-04	1.86E-01	2.11E-02	2.74E-01	3.54E-02
498	Gridded	3.88E-03	3.48E-04	6.66E-06	6.81E-07	1.95E-03	1.85E-04	4.15E-03	3.83E-04	4.11E-03	3.78E-04	3.86E-03	3.47E-04	5.04E-03	4.95E-04	5.04E-03	4.95E-04	7.18E-03	6.45E-04	4.15E-03	3.83E-04	9.23E-05	9.44E-06	3.87E-03	3.48E-04	6.32E-05	6.46E-06	3.88E-03	3.49E-04	1.58E-01	2.07E-02	2.80E-01	2.91E-02
499	Gridded	3.64E-03	4.21E-04	5.35E-06	4.57E-07	1.85E-03	2.11E-04	3.92E-03	4.50E-04	3.88E-03	4.46E-04	3.63E-03	4.19E-04	4.81E-03	5.44E-04	4.81E-03	5.44E-04	6.75E-03	7.79E-04	3.92E-03	4.50E-04	7.43E-05	6.33E-06	3.64E-03	4.20E-04	5.08E-05	4.33E-06	3.65E-03	4.21E-04	2.08E-01	2.28E-02	2.60E-01	2.67E-02
500	Gridded	3.79E-03	4.76E-04	4.16E-06	4.36E-07	1.90E-03	2.35E-04	4.05E-03	5.05E-04	4.01E-03	5.01E-04	3.77E-03	4.74E-04	4.91E-03	6.00E-04	4.91E-03	6.00E-04	7.01E-03	8.81E-04	4.05E-03	5.05E-04	5.77E-05	6.04E-06	3.78E-03	4.75E-04	3.95E-05	4.14E-06	3.79E-03	4.76E-04	1.78E-01	2.41E-02	2.07E-01	2.54E-02
501	Gridded	4.75E-03	5.62E-04	4.25E-06	5.69E-07	2.33E-03	2.81E-04	5.03E-03	6.00E-04	4.99E-03	5.95E-04	4.73E-03	5.60E-04	5.96E-03	7.25E-04	5.96E-03	7.25E-04	8.80E-03	1.04E-03	5.03E-03	6.00E-04	5.89E-05	7.89E-06	4.74E-03	5.61E-04	4.03E-05	5.40E-06	4.75E-03	5.62E-04	2.04E-01	3.07E-02	2.66E-01	3.30E-02
502	Gridded	4.25E-03	7.35E-04	4.18E-06	6.84E-07	2.12E-03	3.64E-04	4.53E-03	7.82E-04	4.49E-03	7.75E-04	4.23E-03	7.33E-04	5.45E-03	9.31E-04	5.45E-03	9.31E-04	7.87E-03	1.36E-03	4.53E-03	7.82E-04	5.80E-05	9.49E-06	4.24E-03	7.34E-04	3.97E-05	6.49E-06	4.25E-03	7.36E-04	1.99E-01	3.63E-02	2.76E-01	3.45E-02
503	Gridded	4.13E-03	6.58E-04	4.75E-06	5.70E-07	2.06E-03	3.22E-04	4.38E-03	6.97E-04	4.34E-03	6.91E-04	4.13E-03	6.56E-04	5.39E-03	8.21E-04	5.39E-03	8.21E-04	7.67E-03	1.22E-03	4.38E-03	6.97E-04	6.58E-05	7.90E-06	4.13E-03	6.57E-04	4.51E-05	5.40E-06	4.13E-03	6.59E-04	1.87E-01	3.20E-02	3.15E-01	3.42E-02
504	Gridded	3.73E-03	4.97E-04	5.49E-06	6.33E-07	1.91E-03	2.58E-04	4.02E-03	5.40E-04	3.98E-03	5.34E-04	3.71E-03	4.95E-04	4.98E-03	6.79E-04	4.98E-03	6.79E-04	6.90E-03	9.20E-04	4.02E-03	5.40E-04	7.62E-05	8.78E-06	3.72E-03	4.96E-04	5.21E-05	6.01E-06	3.73E-03	4.98E-04	1.61E-01	3.19E-02	3.44E-01	3.96E-02
505	Gridded	3.27E-03	6.14E-04	5.73E-06	6.47E-07	1.58E-03	3.09E-04	3.44E-03	6.57E-04	3.42E-03	6.51E-04	3.26E-03	6.11E-04	4.08E-03	7.99E-04	4.08E-03	7.99E-04	6.05E-03	1.14E-03	3.44E-03	6.57E-04	7.95E-05	8.97E-06	3.26E-03	6.13E-04	5.44E-05	6.14E-06	3.27E-03	6.14E-04	1.78E-01	3.29E-02	3.82E-01	4.44E-02
506	Gridded	3.46E-03	6.15E-04	3.24E-06	6.77E-07	1.70E-03	3.07E-04	3.66E-03	6.52E-04	3.63E-03	6.46E-04	3.45E-03	6.13E-04	4.32E-03	7.99E-04	4.32E-03	7.99E-04	6.41E-03	1.14E-03	3.66E-03	6.52E-04	4.49E-05	9.39E-06	3.46E-03	6.15E-04	3.07E-05	6.42E-06	3.46E-03	6.16E-04	1.76E-01	4.21E-02	2.74E-01	4.34E-02
507	Gridded	3.38E-03	8.35E-04	3.94E-06	9.44E-07	1.68E-03	4.24E-04	3.58E-03	8.98E-04	3.55E-03	8.89E-04	3.37E-03	8.31E-04	4.40E-03	1.11E-03	4.40E-03	1.11E-03	6.26E-03	1.55E-03	3.58E-03	8.98E-04	5.47E-05	1.31E-05	3.37E-03	8.33E-04	3.74E-05	8.96E-06	3.38E-03	8.35E-04	2.18E-01	4.96E-02	2.73E-01	4.82E-02
508	Gridded	4.20E-03	9.61E-04	4.15E-06	1.03E-06	2.09E-03	4.85E-04	4.48E-03	1.03E-03	4.44E-03	1.02E-03	4.18E-03	9.57E-04	5.39E-03	1.26E-03	5.39E-03	1.26E-03	7.77E-03	1.78E-03	4.48E-03	1.03E-03	5.76E-05	1.43E-05	4.19E-03	9.59E-04	3.94E-05	9.81E-06	4.20E-03	9.61E-04	1.98E-01	4.77E-02	2.18E-01	4.33E-02
509	Gridded	3.86E-03	8.42E-04	3.49E-06	8.32E-07	1.76E-03	4.20E-04	3.87E-03	8.98E-04	3.87E-03	8.90E-04	3.86E-03	8.39E-04	4.54E-03	1.08E-03	4.54E-03	1.08E-03	7.18E-03	1.56E-03	3.87E-03	8.98E-04	4.83E-05	1.15E-05	3.86E-03	8.41E-04	3.31E-05	7.90E-06	3.86E-03	8.43E-04	1.64E-01	3.60E-02	1.96E-01	3.93E-02
510	Gridded	3.53E-03	6.21E-04	3.24E-06	5.49E-07	1.71E-03	3.05E-04	3.71E-03	6.58E-04	3.69E-03	6.53E-04	3.51E-03	6.19E-04	4.32E-03	7.78E-04	4.32E-03	7.78E-04	6.53E-03	1.15E-03	3.71E-03	6.58E-04	4.50E-05	7.61E-06	3.52E-03	6.20E-04	3.08E-05	5.21E-06	3.53E-03	6.22E-04	1.56E-01	3.80E-02	1.92E-01	5.10E-02
511	Gridded	3.18E-03	6.65E-04	3.35E-06	5.64E-07	1.60E-03	3.25E-04	3.40E-03	7.03E-04	3.37E-03	6.97E-04	3.17E-03	6.62E-04	4.12E-03	8.26E-04	4.12E-03	8.26E-04	5.89E-03	1.23E-03	3.40E-03	7.03E-04	4.64E-05	7.82E-06	3.17E-03	6.64E-04	3.18E-05	5.35E-06	3.18E-03	6.65E-04	9.51E-02	2.38E-02	2.06E-01	2.95E-02
512	Gridded	3.47E-03	5.94E-04	3.23E-06	4.88E-07	1.64E-03	2.83E-04	3.61E-03	6.22E-04	3.59E-03	6.18E-04	3.46E-03	5.93E-04	4.08E-03	7.10E-04	4.08E-03	7.10E-04	6.43E-03	1.10E-03	3.61E-03	6.22E-04	4.48E-05	6.77E-06	3.46E-03	5.94E-04	3.07E-05	4.64E-06	3.47E-03	5.95E-04	1.20E-01	2.55E-02	1.76E-01	3.65E-02
513	Gridded	3.50E-03	4.94E-04	3.44E-06	4.93E-07	1.64E-03	2.47E-04	3.64E-03	5.28E-04	3.62E-03	5.23E-04	3.50E-03	4.92E-04	4.08E-03	6.35E-04	4.08E-03	6.35E-04	6.50E-03	9.16E-04	3.64E-03	5.28E-04	4.77E-05	6.84E-06	3.50E-03	4.94E-04	3.27E-05	4.68E-06	3.51E-03	4.95E-04	1.27E-01	2.65E-02	1.80E-01	3.94E-02
514	Gridded	4.68E-03	4.38E-04	3.96E-06	4.66E-07	2.29E-03	2.20E-04	4.95E-03	4.69E-04	4.91E-03	4.65E-04	4.67E-03	4.36E-04	5.82E-03	5.69E-04	5.82E-03	5.69E-04	8.68E-03	8.12E-04	4.95E-03	4.69E-04	5.50E-05	6.47E-06	4.68E-03	4.37E-04	3.76E-05	4.43E-06	4.69E-03	4.38E-04	1.41E-01	2.46E-02	1.86E-01	3.60E-02
515	Gridded	5.19E-03	3.76E-04	4.66E-06	5.01E-07	2.56E-03	1.94E-04	5.51E-03	4.03E-04	5.46E-03	3.99E-04	5.18E-03	3.74E-04	6.53E-03	5.13E-04	6.53E-03	5.13E-04	9.62E-03	6.96E-04	5.51E-03	4.03E-04	6.47E-05	6.94E-06	5.19E-03	3.75E-04	4.43E-05	4.75E-06	5.20E-03	3.76E-04	1.53E-01	2.04E-02	1.84E-01	2.89E-02
516	Gridded	5.01E-03	3.84E-04	4.65E-06	5.04E-07	2.46E-03	2.00E-04	5.31E-03	4.18E-04	5.27E-03	4.13E-04	5.00E-03	3.82E-04	6.29E-03	5.29E-04	6.29E-03	5.29E-04	9.29E-03	7.11E-04	5.31E-03	4.18E-04	6.45E-05	6.99E-06	5.01E-03	3.83E-04	4.41E-05	4.78E-06	5.02E-03	3.85E-04	1.56E-01	2.09E-02	1.89E-01	2.77E-02
517	Gridded	4.57E-03	3.81E-04	4.11E-06	4.48E-07	2.23E-03	1.95E-04	4.83E-03	4.11E-04	4.79E-03	4.07E-04	4.55E-03	3.79E-04	5.67E-03	5.09E-04	5.67E-03	5.09E-04	8.47E-03	7.05E-04	4.83E-03	4.11E-04	5.69E-05	6.21E-06	4.56E-03	3.80E-04	3.90E-05	4.25E-06	4.57E-03	3.81E-04	1.51E-01	2.11E-02	2.01E-01	2.72E-02
518	Gridded	4.06E-03	3.71E-04	4.34E-06	3.53E-07	2.00E-03	1.81E-04	4.31E-03	3.90E-04	4.27E-03	3.87E-04	4.04E-03	3.70E-04	5.15E-03	4.65E-04	5.15E-03	4.65E-04	7.52E-03	6.87E-04	4.31E-03	3.90E-04	6.02E-05	4.90E-06	4.05E-03	3.70E-04	4.12E-05	3.35E-06	4.06E-03	3.71E-04	2.08E-01	2.08E-02	2.62E-01	3.31E-02
519	Gridded	7.13E-03	3.91E-04	6.85E-06	4.81E-07	3.54E-03	1.82E-04	7.59E-03	4.05E-04	7.53E-03	4.03E-04	7.11E-03	3.90E-04	9.09E-03	4.56E-04	9.09E-03	4.56E-04	1.32E-02	7.25E-04	7.59E-03	4.05E-04	9.50E-05	6.68E-06	7.12E-03	3.91E-04	6.50E-05	4.57E-06	7.14E-03	3.91E-04	2.82E-01	2.06E-02	3.01E-01	3.48E-02
520	Gridded	8.10E-03	4.20E-04	6.86E-06	5.10E-07	3.96E-03	2.07E-04	8.56E-03	4.46E-04	8.50E-03	4.42E-04	8.07E-03	4.18E-04	1.01E-02	5.31E-04	1.01E-02	5.31E-04	1.50E-02	7.78E-04	8.56E-03	4.46E-04	9.52E-05	7.07E-06	8.09E-03	4.19E-04	6.51E-05	4.84E-06	8.11E-03	4.20E-04	2.71E-01	2.03E-02	2.55E-01	3.07E-02
521	Gridded	5.50E-03	3.30E-04	4.35E-06	4.05E-07	2.66E-03	1.67E-04	5.79E-03	3.50E-04	5.75E-03	3.47E-04	5.49E-03	3.29E-04	6.71E-03	4.38E-04	6.71E-03	4.38E-04	1.02E-02	6.11E-04	5.79E-03	3.50E-04	6.04E-05	5.61E-06	5.50E-03	3.29E-04	4.13E-05	3.84E-06	5.51E-03	3.30E-04	1.78E-01	2.13E-02	2.60E-01	3.21E-02
522	Gridded	3.65E-03	3.73E-04	3.89E-06	4.15E-07	1.73E-03	1.87E-04	3.80E-03	3.99E-04	3.78E-03	3.95E-04	3.64E-03	3.71E-04	4.33E-03	4.84E-04	4.33E-03	4.84E-04	6.76E-03	6.91E-04	3.80E-03	3.99E-04	5.39E-05	5.76E-06	3.64E-03	3.72E-04	3.69E-05	3.94E-06	3.65E-03	3.73E-04	1.56E-01	2.54E-02	3.17E-01	3.88E-02
523	Gridded	3.88E-03	4.22E-04	3.99E-06	4.39E-07	1.75E-03	2.12E-04	3.96E-03	4.52E-04	3.95E-03	4.48E-04	3.87E-03	4.20E-04	4.48E-03	5.48E-04	4.48E-03	5.48E-04	7.20E-03	7.82E-04	3.96E-03	4.52E-04	5.53E-05	6.09E-06	3.88E-03	4.21E-04	3.78E-05	4.17E-06	3.88E-03	4.22E-04	2.00E-01	3.03E-02	3.31E-01	4.87E-02
524	Gridded	4.46E-03	3.84E-04	4.21E-06	4.57E-07	1.98E-03	1.95E-04	4.53E-03	4.10E-04	4.52E-03	4.06E-04	4.45E-03	3.83E-04	4.75E-03	5.10E-04	4.75E-03	5.10E-04	8.27E-03	7.12E-04	4.53E-03	4.10E-04	5.84E-05	6.34E-06	4.45E-03	3.84E-04	4.00E-05	4.34E-06	4.46E-03	3.84E-04	2.32E-01	3.09E-02	4.17E-01	5.00E-02
525	Gridded	5.15E-03	6.65E-04	6.29E-06	7.55E-07	2.65E-03	3.39E-04	5.57E-03	7.16E-04	5.51E-03	7.09E-04	5.13E-03	6.63E-04	6.94E-03	8.82E-04	6.94E-03	8.82E-04	9.54E-03	1.23E-03	5.57E-03	7.16E-04	8.73E-05	1.05E-05	5.14E-03	6.64E-04	5.97E-05	7.17E-06	5.16E-03	6.66E-04	2.02E-01	3.68E-02	4.61E-01	5.75E-02
526	Gridded	5.27E-03	8.47E-04	5.14E-06	8.11E-07	2.62E-03	4.20E-04	5.62E-03	9.02E-04	5.57E-03	8.94E-04	5.25E-03	8.44E-04	6.74E-03	1.08E-03	6.74E-03	1.08E-03	9.77E-03	1.57E-03	5.62E-03	9.02E-04	7.12E-05	1.12E-05	5.27E-03	8.46E-04	4.87E-05	7.70E-06	5.28E-03	8.48E-04	2.65E-01	3.77E-02	4.76E-01	6.08E-02
527	Gridded	7.47E-03	5.77E-04	6.91E-06	6.09E-07	3.69E-03	2.88E-04	7.93E-03	6.15E-04	7.87E-03	6.10E-04	7.44E-03	5.75E-04	9.45E-03	7.41E-04	9.45E-03	7.41E-04	1.38E-02	1.07E-03	7.93E-03	6.15E-04	9.58E-05	8.45E-06	7.46E-03	5.76E-04	6.56E-05	5.78E-06	7.47E-03	5.77E-04	2.91E-01	3.01E-02	4.54E-01	4.30E-02
528	Gridded	4.44E-03	3.83E-04	5.43E-06	6.44E-07	2.18E-03	2.08E-04	4.70E-03	4.24E-04	4.67E-03	4.18E-04	4.43E-03	3.82E-04	5.57E-03	5.65E-04	5.57E-03	5.65E-04	8.24E-03	7.10E-04	4.70E-03	4.24E-04	7.53E-05	8.94E-06	4.44E-03	3.83E-04	5.15E-05	6.12E-06	4.45E-03	3.83E-04	2.23E-01	2.34E-02	3.63E-01	3.41E-02
529	Gridded	3.81E-03	4.69E-04	5.03E-06	8.75E-07	1.76E-03	2.35E-04	3.93E-03	5.02E-04	3.91E-03	4.97E-04	3.80E-03	4.67E-04	4.69E-03	6.35E-04	4.69E-03	6.35E-04	7.06E-03	8.69E-04	3.93E-03	5.02E-04	6.98E-05	1.21E-05	3.80E-03	4.68E-04	4.78E-05	8.30E-06	3.81E-03	4.70E-04	2.30E-01	2.59E-02	3.46E-01	4.31E-02
530	Gridded	5.13E-03	5.95E-04	5.74E-06	7.31E-07	2.56E-03	3.07E-04	5.47E-03	6.44E-04	5.42E-03	6.37E-04	5.11E-03	5.92E-04	6.58E-03	8.04E-04	6.58E-03	8.04E-04	9.50E-03	1.10E-03	5.47E-03	6.44E-04	7.96E-05	1.01E-05	5.12E-03	5.94E-04	5.45E-05	6.94E-06	5.13E-03	5.95E-04	1.95E-01	1.88E-02	3.00E-01	2.77E-02
531	Gridded	5.72E-03	7.71E-04	4.23E-06	3.37E-07	2.59E-03	3.47E-04	5.85E-03	7.87E-04	5.83E-03	7.85E-04	5.72E-03	7.70E-04	6.26E-03	8.40E-04	6.26E-03	8.40E-04	1.06E-02	1.43E-03	5.85E-03	7.87E-04	5.87E-05	4.67E-06	5.72E-03	7.71E-04	4.01E-05	3.20E-06	5.73E-03	7.71E-04	2.05E-01	1.58E-02	3.31E-01	2.35E-02
532	Gridded	4.72E-03	3.87E-04	5.11E-06	3.84E-07	2.18E-03	1.70E-04	4.80E-03	3.91E-04	4.79E-03	3.90E-04	4.72E-03	3.87E-04	5.71E-03	4.22E-04	5.71E-03	4.22E-04	8.76E-03	7.18E-04	4.80E-03	3.91E-04	7.09E-05	5.33E-06	4.72E-03	3.87E-04	4.85E-05	3.65E-06	4.72E-03	3.87E-04	1.95E-01	1.72E-02	3.12E-01	2.11E-02
533	Gridded	4.80E-03	3.97E-04	5.08E-06	3.81E-07	2.42E-03	1.97E-04	5.15E-03	4.22E-04	5.10E-03	4.19E-04	4.78E-03	3.95E-04	6.26E-03	5.06E-04	6.26E-03	5.06E-04	8.90E-03	7.35E-04	5.15E-03	4.22E-04	7.04E-05	5.28E-06	4.80E-03	3.96E-04	4.82E-05	3.62E-06	4.81E-03	3.97E-04	2.26E-01	2.00E-02	3.12E-01	2.26E-02
534	Gridded	4.22E-03	3.45E-04	4.48E-06	3.89E-07	2.09E-03	1.75E-04	4.49E-03	3.71E-04	4.45E-03	3.67E-04	4.21E-03	3.43E-04	5.35E-03	4.56E-04	5.35E-03	4.56E-04	7.82E-03	6.38E-04	4.49E-03	3.71E-04	6.21E-05	5.40E-06	4.22E-03	3.44E-04	4.25E-05	3.69E-06	4.23E-03	3.45E-04	2.25E-01	1.84E-02	3.08E-01	2.39E-02
535	Gridded	4.83E-03	3.87E-04	5.44E-06	4.61E-07	2.39E-03	1.96E-04	5.14E-03	4.15E-04	5.09E-03	4.11E-04	4.82E-03	3.85E-04	6.12E-03	5.08E-04	6.12E-03	5.08E-04	8.96E-03	7.16E-04	5.14E-03	4.15E-04	7.55E-05	6.40E-06	4.83E-03	3.86E-04	5.17E-05	4.38E-06	4.84E-03	3.87E-04	2.02E-01	2.37E-02	3.22E-01	3.10E-02
536	Gridded	3.56E-03	3.92E-04	5.96E-06	4.48E-07	1.92E-03	1.98E-04	3.91E-03	4.21E-04	3.85E-03	4.17E-04	3.56E-03	3.91E-04	5.21E-03	5.14E-04	5.21E-03	5.14E-04	6.61E-03	7.27E-04	3.91E-03	4.21E-04	8.26E-05	6.22E-06	3.56E-03	3.92E-04	5.65E-05	4.25E-06	3.57E-03	3.93E-04	1.90E-01	2.44E-02	2.70E-01	3.34E-02
537	Gridded	4.39E-03	4.87E-04	5.54E-06	4.93E-07	2.27E-03	2.43E-04	4.76E-03	5.20E-04	4.71E-03	5.15E-04	4.37E-03	4.85E-04	5.98E-03	6.28E-04	5.98E-03	6.28E-04	8.13E-03	9.02E-04	4.76E-03	5.20E-04	7.69E-05	6.84E-06	4.38E-03	4.86E-04	5.26E-05	4.68E-06	4.39E-03	4.87E-04	2.05E-01	2.35E-02	2.66E-01	2.95E-02
538	Gridded	4.75E-03	3.47E-04	3.84E-06	3.55E-07	2.31E-03	1.65E-04	5.01E-03	3.62E-04	4.98E-03	3.60E-04	4.74E-03	3.46E-04	5.85E-03	4.26E-04	5.85E-03	4.26E-04	8.81E-03	6.43E-04	5.01E-03	3.62E-04	5.32E-05	4.93E-06	4.75E-03	3.46E-04	3.64E-05	3.37E-06	4.76E-03	3.47E-04	1.34E-01	1.79E-02	3.72E-01	3.15E-02
539	Gridded	4.64E-03	2.58E-04	2.74E-06	2.87E-07	2.13E-03	1.29E-04	4.78E-03	2.76E-04	4.76E-03	2.74E-04	4.63E-03	2.57E-04	5.23E-03	3.34E-04	5.23E-03	3.34E-04	8.61E-03	4.79E-04	4.78E-03	2.76E-04	3.80E-05	3.99E-06	4.64E-03	2.58E-04	2.60E-05	2.73E-06	4.64E-03	2.59E-04	1.13E-01	1.49E-02	3.95E-01	3.35E-02
540	Gridded	3.88E-03	3.95E-04	2.75E-06	4.13E-07	1.72E-03	1.98E-04	3.94E-03	4.23E-04	3.93E-03	4.19E-04	3.88E-03	3.93E-04	4.12E-03	5.13E-04	4.12E-03	5.13E-04	7.20E-03	7.32E-04	3.94E-03	4.23E-04	3.81E-05	5.72E-06	3.88E-03	3.94E-04	2.61E-05	3.92E-06	3.88E-03	3.95E-04	1.16E-01	1.49E-02	4.06E-01	3.24E-02
541	Gridded	2.69E-03	3.93E-04	2.94E-06	3.53E-07	1.26E-03	1.93E-04	2.79E-03	4.17E-04	2.78E-03	4.13E-04	2.69E-03	3.92E-04	3.29E-03	4.94E-04	3.29E-03	4.94E-04	5.00E-03	7.28E-04	2.79E-03	4.17E-04	4.07E-05	4.90E-06	2.69E-03	3.92E-04	2.79E-05	3.35E-06	2.69E-03	3.93E-04	1.15E-01	1.60E-02	2.71E-01	2.86E-02
542	Gridded	2.59E-03	2.50E-04	2.67E-06	2.96E-07	1.24E-03	1.25E-04	2.71E-03	2.64E-04	2.70E-03	2.62E-04	2.58E-03	2.49E-04	3.18E-03	3.28E-04	3.18E-03	3.28E-04	4.80E-03	4.63E-04	2.71E-03	2.64E-04	3.70E-05	4.11E-06	2.59E-03	2.49E-04	2.53E-05	2.81E-06	2.59E-03	2.50E-04	1.17E-01	1.74E-02	2.93E-01	3.05E-02
543	Gridded	2.51E-03	3.18E-04	3.27E-06	3.39E-07	1.19E-03	1.60E-04	2.62E-03	3.41E-04	2.61E-03	3.38E-04	2.50E-03	3.17E-04	3.01E-03	4.15E-04	3.01E-03	4.15E-04	4.65E-03	5.89E-04	2.62E-03	3.41E-04	4.53E-05	4.71E-06	2.51E-03	3.18E-04	3.10E-05	3.22E-06	2.51E-03	3.18E-04	1.23E-01	1.93E-02	4.11E-01	3.81E-02
544	Gridded	3.32E-03	3.45E-04	3.58E-06	3.37E-07	1.61E-03	1.68E-04	3.50E-03	3.64E-04	3.47E-03	3.62E-04	3.31E-03	3.44E-04	4.08E-03	4.27E-04	4.08E-03	4.27E-04	6.15E-03	6.39E-04	3.50E-03	3.64E-04	4.97E-05	4.67E-06	3.31E-03	3.45E-04	3.40E-05	3.19E-06	3.32E-03	3.45E-04	1.44E-01	2.14E-02	4.90E-01	3.94E-02
545	Gridded	3.21E-03	4.07E-04	3.77E-06	4.09E-07	1.60E-03	2.03E-04	3.42E-03	4.35E-04	3.39E-03	4.31E-04	3.20E-03	4.06E-04	4.11E-03	5.24E-04	4.11E-03	5.24E-04	5.94E-03	7.54E-04	3.42E-03	4.35E-04	5.23E-05	5.68E-06	3.20E-03	4.07E-04	3.58E-05	3.88E-06	3.21E-03	4.08E-04	1.95E-01	2.15E-02	3.53E-01	2.83E-02
546	Gridded	3.18E-03	4.31E-04	3.56E-06	3.97E-07	1.59E-03	2.13E-04	3.39E-03	4.58E-04	3.36E-03	4.54E-04	3.17E-03	4.30E-04	4.14E-03	5.45E-04	4.14E-03	5.45E-04	5.89E-03	7.99E-04	3.39E-03	4.58E-04	4.93E-05	5.51E-06	3.18E-03	4.31E-04	3.38E-05	3.77E-06	3.18E-03	4.31E-04	1.71E-01	1.95E-02	2.20E-01	2.21E-02
547	Gridded	3.37E-03	3.73E-04	4.39E-06	5.37E-07	1.63E-03	1.82E-04	3.55E-03	3.94E-04	3.52E-03	3.91E-04	3.36E-03	3.71E-04	4.11E-03	4.63E-04	4.11E-03	4.63E-04	6.25E-03	6.91E-04	3.55E-03	3.94E-04	6.08E-05	7.45E-06	3.37E-03	3.72E-04	4.16E-05	5.10E-06	3.37E-03	3.73E-04	1.70E-01	1.97E-02	2.66E-01	3.40E-02
548	Gridded	4.27E-03	3.05E-04	5.92E-06	7.02E-07	2.03E-03	1.68E-04	4.45E-03	3.41E-04	4.43E-03	3.36E-04	4.26E-03	3.03E-04	5.30E-03	4.56E-04	5.30E-03	4.56E-04	7.92E-03	5.64E-04	4.45E-03	3.41E-04	8.21E-05	9.73E-06	4.27E-03	3.04E-04	5.62E-05	6.66E-06	4.27E-03	3.06E-04	1.78E-01	2.21E-02	3.05E-01	3.39E-02
549	Gridded	3.64E-03	3.99E-04	6.34E-06	5.87E-07	1.69E-03	2.02E-04	3.77E-03	4.28E-04	3.75E-03	4.24E-04	3.63E-03	3.97E-04	4.31E-03	5.24E-04	4.31E-03	5.24E-04	6.74E-03	7.38E-04	3.77E-03	4.28E-04	8.80E-05	8.14E-06	3.63E-03	3.98E-04	6.02E-05	5.57E-06	3.64E-03	3.99E-04	2.03E-01	2.31E-02	2.64E-01	2.83E-02
550	Gridded	4.90E-03	5.64E-04	4.95E-06	5.25E-07	2.45E-03	2.79E-04	5.24E-03	6.00E-04	5.19E-03	5.95E-04	4.88E-03	5.63E-04	6.32E-03	7.15E-04	6.32E-03	7.15E-04	9.08E-03	1.05E-03	5.24E-03	6.00E-04	6.87E-05	7.28E-06	4.89E-03	5.64E-04	4.70E-05	4.98E-06	4.91E-03	5.65E-04	2.32E-01	2.82E-02	2.52E-01	2.97E-02
551	Gridded	4.39E-03	5.21E-04	4.48E-06	5.34E-07	2.20E-03	2.61E-04	4.70E-03	5.57E-04	4.65E-03	5.52E-04	4.38E-03	5.19E-04	5.68E-03	6.74E-04	5.68E-03	6.74E-04	8.14E-03	9.65E-04	4.70E-03	5.57E-04	6.21E-05	7.41E-06	4.39E-03	5.20E-04	4.25E-05	5.07E-06	4.40E-03	5.21E-04	2.05E-01	2.98E-02	2.73E-01	3.31E-02
552	Gridded	3.62E-03	7.04E-04	3.94E-06	6.62E-07	1.81E-03	3.49E-04	3.87E-03	7.49E-04	3.83E-03	7.43E-04	3.61E-03	7.02E-04	4.71E-03	8.94E-04	4.71E-03	8.94E-04	6.71E-03	1.30E-03	3.87E-03	7.49E-04	5.46E-05	9.18E-06	3.62E-03	7.03E-04	3.73E-05	6.28E-06	3.62E-03	7.05E-04	1.89E-01	3.63E-02	2.59E-01	3.58E-02
553	Gridded	4.60E-03	6.65E-04	5.15E-06	5.77E-07	2.34E-03	3.26E-04	4.95E-03	7.04E-04	4.90E-03	6.99E-04	4.58E-03	6.63E-04	6.08E-03	8.31E-04	6.08E-03	8.31E-04	8.53E-03	1.23E-03	4.95E-03	7.04E-04	7.14E-05	8.00E-06	4.60E-03	6.65E-04	4.88E-05	5.47E-06	4.61E-03	6.66E-04	1.93E-01	3.35E-02	2.74E-01	3.43E-02
554	Gridded	4.89E-03	4.99E-04	5.45E-06	5.67E-07	2.48E-03	2.45E-04	5.25E-03	5.29E-04	5.20E-03	5.24E-04	4.87E-03	4.98E-04	6.45E-03	6.23E-04	6.45E-03	6.23E-04	9.05E-03	9.25E-04	5.25E-03	5.29E-04	7.55E-05	7.86E-06	4.88E-03	4.99E-04	5.17E-05	5.38E-06	4.89E-03	5.00E-04	1.55E-01	3.14E-02	3.90E-01	3.89E-02

Scenario 4 Results

555	Gridded	4.06E-03	6.52E-04	5.74E-06	6.88E-07	2.06E-03	3.28E-04	4.37E-03	6.99E-04	4.32E-03	6.92E-04	4.04E-03	6.50E-04	5.37E-03	8.49E-04	5.37E-03	8.49E-04	7.52E-03	1.21E-03	4.37E-03	6.99E-04	7.96E-05	9.54E-06	4.05E-03	6.51E-04	5.45E-05	6.53E-06	4.06E-03	6.53E-04	1.92E-01	3.99E-02	4.05E-01	4.86E-02
556	Gridded	4.05E-03	7.56E-04	3.69E-06	8.59E-07	1.98E-03	3.85E-04	4.29E-03	8.14E-04	4.25E-03	8.06E-04	4.04E-03	7.53E-04	5.04E-03	1.00E-03	5.04E-03	1.00E-03	7.51E-03	1.40E-03	4.29E-03	8.14E-04	5.12E-05	1.19E-05	4.05E-03	7.55E-04	3.50E-05	8.15E-06	4.06E-03	7.57E-04	2.14E-01	5.26E-02	3.05E-01	5.38E-02
557	Gridded	3.91E-03	9.70E-04	4.70E-06	1.10E-06	2.01E-03	4.93E-04	4.23E-03	1.04E-03	4.18E-03	1.03E-03	3.89E-03	9.66E-04	5.26E-03	1.28E-03	5.26E-03	1.28E-03	7.24E-03	1.80E-03	4.23E-03	1.04E-03	6.52E-05	1.52E-05	3.90E-03	9.68E-04	4.46E-05	1.04E-05	3.91E-03	9.70E-04	2.50E-01	5.62E-02	3.07E-01	5.36E-02
558	Gridded	4.58E-03	1.02E-03	4.44E-06	1.07E-06	2.28E-03	5.12E-04	4.88E-03	1.09E-03	4.84E-03	1.08E-03	4.57E-03	1.01E-03	5.85E-03	1.33E-03	5.85E-03	1.33E-03	8.49E-03	1.89E-03	4.88E-03	1.09E-03	6.15E-05	1.49E-05	4.58E-03	1.02E-03	4.21E-05	1.02E-05	4.59E-03	1.02E-03	2.02E-01	4.89E-02	2.67E-01	4.33E-02
559	Gridded	3.79E-03	8.49E-04	3.73E-06	8.14E-07	1.89E-03	4.22E-04	4.04E-03	9.04E-04	4.00E-03	8.97E-04	3.77E-03	8.46E-04	4.86E-03	1.08E-03	4.86E-03	1.08E-03	7.02E-03	1.57E-03	4.04E-03	9.04E-04	5.17E-05	1.13E-05	3.78E-03	8.48E-04	3.54E-05	7.73E-06	3.79E-03	8.50E-04	1.71E-01	3.63E-02	2.30E-01	4.78E-02
560	Gridded	3.86E-03	6.20E-04	3.11E-06	5.79E-07	1.86E-03	3.02E-04	4.06E-03	6.55E-04	4.03E-03	6.50E-04	3.85E-03	6.18E-04	4.69E-03	7.68E-04	4.69E-03	7.68E-04	7.16E-03	1.15E-03	4.06E-03	6.55E-04	4.32E-05	8.03E-06	3.86E-03	6.19E-04	2.95E-05	5.49E-06	3.87E-03	6.21E-04	1.69E-01	4.35E-02	2.12E-01	5.76E-02
561	Gridded	3.71E-03	7.95E-04	3.31E-06	6.94E-07	1.82E-03	3.90E-04	3.93E-03	8.42E-04	3.90E-03	8.36E-04	3.69E-03	7.93E-04	4.66E-03	9.94E-04	4.66E-03	9.94E-04	6.87E-03	1.47E-03	3.93E-03	8.42E-04	4.59E-05	9.62E-06	3.70E-03	7.94E-04	3.14E-05	6.58E-06	3.71E-03	7.96E-04	1.73E-01	4.87E-02	2.23E-01	5.96E-02
562	Gridded	2.89E-03	5.53E-04	3.99E-06	6.53E-07	1.40E-03	2.83E-04	3.05E-03	5.97E-04	3.02E-03	5.91E-04	2.88E-03	5.50E-04	3.56E-03	7.40E-04	3.56E-03	7.40E-04	5.35E-03	1.02E-03	3.05E-03	5.97E-04	5.54E-05	9.06E-06	2.88E-03	5.52E-04	3.79E-05	6.20E-06	2.89E-03	5.53E-04	9.17E-02	2.41E-02	2.16E-01	2.99E-02
563	Gridded	3.57E-03	6.57E-04	3.71E-06	6.15E-07	1.71E-03	3.25E-04	3.74E-03	6.98E-04	3.72E-03	6.93E-04	3.56E-03	6.55E-04	4.29E-03	8.33E-04	4.29E-03	8.33E-04	6.62E-03	1.22E-03	3.74E-03	6.98E-04	5.15E-05	8.53E-06	3.57E-03	6.56E-04	3.52E-05	5.84E-06	3.57E-03	6.57E-04	9.45E-02	2.46E-02	1.63E-01	3.01E-02
564	Gridded	4.88E-03	6.34E-04	3.34E-06	4.78E-07	2.32E-03	3.05E-04	5.10E-03	6.66E-04	5.07E-03	6.61E-04	4.87E-03	6.32E-04	5.81E-03	7.69E-04	5.81E-03	7.69E-04	9.05E-03	1.17E-03	5.10E-03	6.66E-04	4.63E-05	6.62E-06	4.88E-03	6.33E-04	3.17E-05	4.53E-06	4.89E-03	6.34E-04	1.20E-01	2.63E-02	1.81E-01	3.74E-02
565	Gridded	4.98E-03	5.25E-04	3.87E-06	5.23E-07	2.34E-03	2.62E-04	5.17E-03	5.61E-04	5.15E-03	5.56E-04	4.97E-03	5.23E-04	5.81E-03	6.75E-04	5.81E-03	6.75E-04	9.23E-03	9.73E-04	5.17E-03	5.61E-04	5.37E-05	7.25E-06	4.97E-03	5.25E-04	3.67E-05	4.96E-06	4.98E-03	5.26E-04	1.32E-01	2.82E-02	1.83E-01	4.22E-02
566	Gridded	4.18E-03	4.83E-04	4.49E-06	4.90E-07	2.11E-03	2.41E-04	4.48E-03	5.16E-04	4.44E-03	5.11E-04	4.16E-03	4.81E-04	5.47E-03	6.23E-04	5.47E-03	6.23E-04	7.74E-03	8.94E-04	4.48E-03	5.16E-04	6.23E-05	6.79E-06	4.17E-03	4.82E-04	4.26E-05	4.65E-06	4.18E-03	4.83E-04	1.49E-01	2.68E-02	1.97E-01	4.02E-02
567	Gridded	4.03E-03	4.19E-04	4.26E-06	5.16E-07	2.03E-03	2.09E-04	4.32E-03	4.48E-04	4.28E-03	4.44E-04	4.02E-03	4.18E-04	5.25E-03	5.39E-04	5.25E-03	5.39E-04	7.47E-03	7.77E-04	4.32E-03	4.48E-04	5.90E-05	7.16E-06	4.02E-03	4.19E-04	4.04E-05	4.90E-06	4.03E-03	4.20E-04	1.61E-01	2.27E-02	1.91E-01	3.18E-02
568	Gridded	3.76E-03	3.96E-04	4.72E-06	5.23E-07	1.87E-03	2.07E-04	4.00E-03	4.32E-04	3.97E-03	4.27E-04	3.75E-03	3.94E-04	4.89E-03	5.46E-04	4.89E-03	5.46E-04	6.97E-03	7.34E-04	4.00E-03	4.32E-04	6.54E-05	7.26E-06	3.75E-03	3.96E-04	4.48E-05	4.97E-06	3.76E-03	3.97E-04	1.45E-01	2.21E-02	1.97E-01	2.95E-02
569	Gridded	3.64E-03	4.04E-04	4.36E-06	4.85E-07	1.87E-03	2.07E-04	3.94E-03	4.36E-04	3.89E-03	4.32E-04	3.63E-03	4.02E-04	4.89E-03	5.43E-04	4.89E-03	5.43E-04	6.74E-03	7.47E-04	3.94E-03	4.36E-04	6.05E-05	6.73E-06	3.64E-03	4.03E-04	4.14E-05	4.61E-06	3.65E-03	4.04E-04	1.28E-01	2.27E-02	1.93E-01	2.92E-02
570	Gridded	3.92E-03	4.07E-04	4.57E-06	4.05E-07	2.00E-03	2.02E-04	4.23E-03	4.32E-04	4.19E-03	4.28E-04	3.90E-03	4.06E-04	5.23E-03	5.21E-04	5.23E-03	5.21E-04	7.26E-03	7.55E-04	4.23E-03	4.32E-04	6.34E-05	5.62E-06	3.91E-03	4.07E-04	4.34E-05	3.85E-06	3.93E-03	4.07E-04	2.22E-01	2.29E-02	2.90E-01	3.45E-02
571	Gridded	7.42E-03	4.07E-04	7.37E-06	5.27E-07	3.70E-03	1.91E-04	7.92E-03	4.23E-04	7.85E-03	4.20E-04	7.39E-03	4.06E-04	9.53E-03	4.75E-04	9.53E-03	4.75E-04	1.38E-02	7.54E-04	7.92E-03	4.23E-04	1.02E-04	7.30E-06	7.41E-03	4.06E-04	6.99E-05	5.00E-06	7.43E-03	4.07E-04	3.04E-01	2.20E-02	3.35E-01	3.76E-02
572	Gridded	8.57E-03	4.31E-04	7.39E-06	5.21E-07	4.19E-03	2.13E-04	9.06E-03	4.58E-04	8.99E-03	4.55E-04	8.54E-03	4.29E-04	1.07E-02	5.47E-04	1.07E-02	5.47E-04	1.59E-02	7.99E-04	9.06E-03	4.58E-04	1.02E-04	7.23E-06	8.56E-03	4.30E-04	7.01E-05	4.94E-06	8.57E-03	4.31E-04	2.90E-01	2.12E-02	2.78E-01	3.24E-02
573	Gridded	5.94E-03	3.53E-04	4.60E-06	4.43E-07	2.86E-03	1.83E-04	6.24E-03	3.83E-04	6.20E-03	3.79E-04	5.92E-03	3.52E-04	7.22E-03	4.80E-04	7.22E-03	4.80E-04	1.10E-02	6.54E-04	6.24E-03	3.83E-04	6.38E-05	6.14E-06	5.93E-03	3.53E-04	4.36E-05	4.20E-06	5.94E-03	3.54E-04	1.90E-01	2.30E-02	2.74E-01	3.56E-02
574	Gridded	3.81E-03	4.22E-04	3.73E-06	4.63E-07	1.84E-03	2.12E-04	4.00E-03	4.51E-04	3.97E-03	4.47E-04	3.79E-03	4.20E-04	4.64E-03	5.47E-04	4.64E-03	5.47E-04	7.05E-03	7.82E-04	4.00E-03	4.51E-04	5.18E-05	6.42E-06	3.80E-03	4.21E-04	3.54E-05	4.39E-06	3.81E-03	4.22E-04	1.69E-01	2.89E-02	3.41E-01	4.47E-02
575	Gridded	4.74E-03	4.83E-04	4.58E-06	5.24E-07	2.11E-03	2.44E-04	4.81E-03	5.18E-04	4.80E-03	5.13E-04	4.74E-03	4.81E-04	5.17E-03	6.33E-04	5.17E-03	6.33E-04	8.81E-03	8.94E-04	4.81E-03	5.18E-04	6.35E-05	7.27E-06	4.74E-03	4.82E-04	4.34E-05	4.97E-06	4.75E-03	4.83E-04	2.44E-01	3.52E-02	4.28E-01	5.68E-02
576	Gridded	5.20E-03	4.56E-04	5.84E-06	5.70E-07	2.32E-03	2.36E-04	5.29E-03	4.94E-04	5.28E-03	4.89E-04	5.20E-03	4.54E-04	5.57E-03	6.19E-04	5.57E-03	6.19E-04	9.66E-03	8.44E-04	5.29E-03	4.94E-04	8.10E-05	7.91E-06	5.20E-03	4.55E-04	5.54E-05	5.41E-06	5.20E-03	4.56E-04	2.40E-01	3.83E-02	4.73E-01	6.17E-02
577	Gridded	5.72E-03	8.73E-04	5.73E-06	8.80E-07	2.85E-03	4.36E-04	6.10E-03	9.32E-04	6.04E-03	9.24E-04	5.70E-03	8.69E-04	7.33E-03	1.12E-03	7.33E-03	1.12E-03	1.06E-02	1.62E-03	6.10E-03	9.32E-04	7.95E-05	1.22E-05	5.71E-03	8.71E-04	5.44E-05	8.35E-06	5.72E-03	8.73E-04	2.20E-01	4.20E-02	4.71E-01	6.87E-02
578	Gridded	6.76E-03	6.86E-04	6.57E-06	6.70E-07	3.36E-03	3.41E-04	7.20E-03	7.32E-04	7.14E-03	7.25E-04	6.73E-03	6.84E-04	8.64E-03	8.78E-04	8.64E-03	8.78E-04	1.25E-02	1.27E-03	7.20E-03	7.32E-04	9.11E-05	9.30E-06	6.75E-03	6.85E-04	6.23E-05	6.36E-06	6.76E-03	6.87E-04	3.12E-01	3.60E-02	5.11E-01	5.55E-02
579	Gridded	5.81E-03	4.09E-04	5.14E-06	6.86E-07	2.85E-03	2.05E-04	6.16E-03	4.38E-04	6.11E-03	4.34E-04	5.79E-03	4.08E-04	7.28E-03	5.55E-04	7.28E-03	5.55E-04	1.08E-02	7.59E-04	6.16E-03	4.38E-04	7.13E-05	9.52E-06	5.80E-03	4.09E-04	4.88E-05	6.51E-06	5.81E-03	4.10E-04	2.14E-01	2.20E-02	3.35E-01	2.96E-02
580	Gridded	3.95E-03	4.50E-04	5.83E-06	8.19E-07	1.91E-03	2.35E-04	4.16E-03	4.90E-04	4.13E-03	4.85E-04	3.94E-03	4.48E-04	4.84E-03	6.21E-04	4.84E-03	6.21E-04	7.32E-03	8.33E-04	4.16E-03	4.90E-04	8.09E-05	1.14E-05	3.95E-03	4.49E-04	5.54E-05	7.78E-06	3.95E-03	4.50E-04	2.32E-01	2.71E-02	3.50E-01	4.36E-02
581	Gridded	5.18E-03	6.18E-04	6.46E-06	8.90E-07	2.37E-03	2.94E-04	5.33E-03	6.46E-04	5.31E-03	6.42E-04	5.17E-03	6.16E-04	6.03E-03	7.85E-04	6.03E-03	7.85E-04	9.61E-03	1.15E-03	5.33E-03	6.46E-04	8.95E-05	1.23E-05	5.18E-03	6.17E-04	6.13E-05	8.44E-06	5.18E-03	6.18E-04	2.13E-01	2.37E-02	3.46E-01	3.78E-02
582	Gridded	6.05E-03	8.38E-04	4.40E-06	4.00E-07	2.83E-03	3.86E-04	6.27E-03	8.63E-04	6.24E-03	8.60E-04	6.03E-03	8.37E-04	7.00E-03	9.46E-04	7.00E-03	9.46E-04	1.12E-02	1.55E-03	6.27E-03	8.63E-04	6.10E-05	5.54E-06	6.04E-03	8.38E-04	4.18E-05	3.79E-06	6.05E-03	8.38E-04	2.20E-01	1.83E-02	3.80E-01	2.88E-02
583	Gridded	5.09E-03	5.49E-04	5.88E-06	4.02E-07	2.27E-03	2.41E-04	5.11E-03	5.54E-04	5.11E-03	5.54E-04	5.09E-03	5.49E-04	6.01E-03	5.72E-04	6.01E-03	5.72E-04	9.45E-03	1.02E-03	5.11E-03	5.54E-04	8.15E-05	5.57E-06	5.09E-03	5.49E-04	5.58E-05	3.81E-06	5.09E-03	5.49E-04	2.15E-01	1.80E-02	3.78E-01	2.26E-02
584	Gridded	4.73E-03	4.06E-04	5.31E-06	3.99E-07	2.32E-03	2.02E-04	5.01E-03	4.33E-04	4.97E-03	4.29E-04	4.72E-03	4.04E-04	6.02E-03	5.20E-04	6.02E-03	5.20E-04	8.77E-03	7.52E-04	5.01E-03	4.33E-04	7.36E-05	5.54E-06	4.73E-03	4.05E-04	5.04E-05	3.79E-06	4.74E-03	4.06E-04	2.28E-01	2.09E-02	3.00E-01	2.37E-02
585	Gridded	4.45E-03	3.58E-04	4.56E-06	4.13E-07	2.21E-03	1.83E-04	4.73E-03	3.86E-04	4.69E-03	3.82E-04	4.43E-03	3.56E-04	5.66E-03	4.76E-04	5.66E-03	4.76E-04	8.24E-03	6.63E-04	4.73E-03	3.86E-04	6.33E-05	5.73E-06	4.44E-03	3.57E-04	4.33E-05	3.92E-06	4.45E-03	3.58E-04	2.31E-01	1.95E-02	3.09E-01	2.55E-02
586	Gridded	4.92E-03	4.08E-04	5.91E-06	4.93E-07	2.43E-03	2.07E-04	5.22E-03	4.39E-04	5.18E-03	4.35E-04	4.90E-03	4.06E-04	6.22E-03	5.39E-04	6.22E-03	5.39E-04	9.11E-03	7.56E-04	5.22E-03	4.39E-04	8.20E-05	6.83E-06	4.91E-03	4.07E-04	5.61E-05	4.67E-06	4.92E-03	4.08E-04	2.07E-01	2.59E-02	3.40E-01	3.44E-02
587	Gridded	3.81E-03	4.14E-04	6.23E-06	4.98E-07	2.07E-03	2.08E-04	4.23E-03	4.43E-04	4.18E-03	4.39E-04	3.79E-03	4.12E-04	5.60E-03	5.38E-04	5.60E-03	5.38E-04	7.05E-03	7.66E-04	4.23E-03	4.43E-04	8.64E-05	6.91E-06	3.80E-03	4.13E-04	5.91E-05	4.73E-06	3.82E-03	4.14E-04	1.96E-01	2.68E-02	2.93E-01	3.69E-02
588	Gridded	4.48E-03	5.04E-04	5.22E-06	4.80E-07	2.29E-03	2.50E-04	4.84E-03	5.37E-04	4.79E-03	5.32E-04	4.46E-03	5.03E-04	5.98E-03	6.42E-04	5.98E-03	6.42E-04	8.30E-03	9.35E-04	4.84E-03	5.37E-04	7.25E-05	6.65E-06	4.47E-03	5.04E-04	4.96E-05	4.55E-06	4.49E-03	5.05E-04	2.08E-01	2.41E-02	3.58E-01	3.08E-02
589	Gridded	5.00E-03	3.33E-04	3.68E-06	3.64E-07	2.40E-03	1.68E-04	5.25E-03	3.58E-04	5.21E-03	3.54E-04	4.99E-03	3.32E-04	6.04E-03	4.37E-04	6.04E-03	4.37E-04	9.27E-03	6.17E-04	5.25E-03	3.58E-04	5.11E-05	5.04E-06	5.00E-03	3.33E-04	3.50E-05	3.45E-06	5.00E-03	3.33E-04	1.53E-01	1.83E-02	3.82E-01	3.65E-02
590	Gridded	5.00E-03	2.73E-04	2.73E-06	3.41E-07	2.29E-03	1.36E-04	5.14E-03	2.91E-04	5.12E-03	2.89E-04	4.99E-03	2.72E-04	5.60E-03	3.52E-04	5.60E-03	3.52E-04	9.28E-03	5.05E-04	5.14E-03	2.91E-04	3.79E-05	4.72E-06	5.00E-03	2.72E-04	2.59E-05	3.23E-06	5.00E-03	2.73E-04	1.31E-01	1.56E-02	4.45E-01	3.62E-02
591	Gridded	3.43E-03	4.18E-04	2.81E-06	4.18E-07	1.52E-03	2.09E-04	3.48E-03	4.46E-04	3.47E-03	4.42E-04	3.43E-03	4.17E-04	3.64E-03	5.38E-04	3.64E-03	5.38E-04	6.37E-03	7.75E-04	3.48E-03	4.46E-04	3.90E-05	5.80E-06	3.43E-03	4.17E-04	2.67E-05	3.97E-06	3.43E-03	4.18E-04	1.21E-01	1.63E-02	3.41E-01	3.18E-02
592	Gridded	2.81E-03	3.63E-04	2.80E-06	3.25E-07	1.39E-03	1.79E-04	2.98E-03	3.85E-04	2.95E-03	3.82E-04	2.81E-03	3.62E-04	3.59E-03	4.56E-04	3.59E-03	4.56E-04	5.22E-03	6.74E-04	2.98E-03	3.85E-04	3.88E-05	4.50E-06	2.81E-03	3.63E-04	2.66E-05	3.08E-06	2.81E-03	3.64E-04	1.24E-01	1.78E-02	3.07E-01	2.92E-02
593	Gridded	2.63E-03	2.83E-04	2.73E-06	3.38E-07	1.31E-03	1.45E-04	2.80E-03	3.05E-04	2.78E-03	3.02E-04	2.62E-03	2.81E-04	3.37E-03	3.80E-04	3.37E-03	3.80E-04	4.87E-03	5.23E-04	2.80E-03	3.05E-04	3.79E-05	4.69E-06	2.63E-03	2.82E-04	2.59E-05	3.21E-06	2.63E-03	2.83E-04	1.12E-01	1.91E-02	3.06E-01	3.38E-02
594	Gridded	3.02E-03	3.50E-04	3.55E-06	3.40E-07	1.49E-03	1.74E-04	3.20E-03	3.72E-04	3.18E-03	3.69E-04	3.01E-03	3.48E-04	3.80E-03	4.47E-04	3.80E-03	4.47E-04	5.60E-03	6.48E-04	3.20E-03	3.72E-04	4.93E-05	4.72E-06	3.02E-03	3.49E-04	3.37E-05	3.23E-06	3.02E-03	3.50E-04	1.36E-01	2.11E-02	5.08E-01	4.12E-02
595	Gridded	3.51E-03	3.81E-04	4.19E-06	4.07E-07	1.69E-03	1.92E-04	3.69E-03	4.09E-04	3.66E-03	4.05E-04	3.51E-03	3.80E-04	4.24E-03	4.98E-04	4.24E-03	4.98E-04	6.52E-03	7.06E-04	3.69E-03	4.09E-04	5.81E-05	5.64E-06	3.51E-03	3.81E-04	3.98E-05	3.86E-06	3.52E-03	3.82E-04	1.80E-01	2.32E-02	5.03E-01	3.77E-02
596	Gridded	3.19E-03	4.51E-04	4.25E-06	4.33E-07	1.62E-03	2.24E-04	3.43E-03	4.81E-04	3.40E-03	4.77E-04	3.18E-03	4.50E-04	4.22E-03	5.75E-04	4.22E-03	5.75E-04	5.91E-03	8.36E-04	3.43E-03	4.81E-04	5.89E-05	6.00E-06	3.18E-03	4.51E-04	4.03E-05	4.11E-06	3.19E-03	4.52E-04	2.09E-01	2.17E-02	2.83E-01	2.51E-02
597	Gridded	3.80E-03	4.27E-04	3.71E-06	4.51E-07	1.85E-03	2.09E-04	4.02E-03	4.52E-04	3.99E-03	4.49E-04	3.79E-03	4.26E-04	4.71E-03	5.34E-04	4.71E-03	5.34E-04	7.05E-03	7.92E-04	4.02E-03	4.52E-04	5.15E-05	6.25E-06	3.80E-03	4.27E-04	3.52E-05	4.28E-06	3.80E-03	4.28E-04	1.48E-01	1.77E-02	2.81E-01	3.06E-02
598	Gridded	3.76E-03	3.06E-04	4.77E-06	6.35E-07	1.83E-03	1.49E-04	3.97E-03	3.23E-04	3.94E-03	3.21E-04	3.75E-03	3.05E-04	4.76E-03	3.79E-04	4.76E-03	3.79E-04	6.98E-03	5.67E-04	3.97E-03	3.23E-04	6.61E-05	8.80E-06	3.76E-03	3.06E-04	4.53E-05	6.02E-06	3.77E-03	3.06E-04	1.82E-01	2.23E-02	2.95E-01	3.65E-02
599	Gridded	4.98E-03	3.91E-04	6.64E-06	6.80E-07	2.31E-03	2.05E-04	5.15E-03	4.27E-04	5.12E-03	4.22E-04	4.97E-03	3.89E-04	5.69E-03	5.44E-04	5.69E-03	5.44E-04	9.24E-03	7.24E-04	5.15E-03	4.27E-04	9.20E-05	9.43E-06	4.98E-03	3.90E-04	6.30E-05	6.45E-06	4.98E-03	3.91E-04	1.93E-01	2.33E-02	2.95E-01	2.95E-02
600	Gridded	4.83E-03	5.63E-04	5.08E-06	5.46E-07	2.43E-03	2.80E-04	5.17E-03	6.00E-04	5.12E-03	5.95E-04	4.81E-03	5.61E-04	6.28E-03	7.20E-04	6.28E-03	7.20E-04	8.94E-03	1.04E-03	5.17E-03	6.00E-04	7.05E-05	7.58E-06	4.82E-03	5.62E-04	4.82E-05	5.18E-06	4.83E-03	5.64E-04	2.43E-01	2.92E-02	2.72E-01	3.19E-02
601	Gridded	5.40E-03	6.26E-04	5.68E-06	6.28E-07	2.72E-03	3.07E-04	5.78E-03	6.63E-04	5.73E-03	6.58E-04	5.38E-03	6.24E-04	7.03E-03	7.87E-04	7.03E-03	7.87E-04	1.00E-02	1.16E-03	5.78E-03	6.63E-04	7.87E-05	8.71E-06	5.39E-03	6.26E-04	5.39E-05	5.96E-06	5.41E-03	6.27E-04	2.46E-01	3.47E-02	3.27E-01	3.94E-02
602	Gridded	3.60E-03	7.22E-04	3.81E-06	6.77E-07	1.81E-03	3.57E-04	3.86E-03	7.67E-04	3.83E-03	7.61E-04	3.59E-03	7.19E-04	4.70E-03	9.16E-04	4.70E-03	9.16E-04	6.68E-03	1.34E-03	3.86E-03	7.67E-04	5.28E-05	9.39E-06	3.60E-03	7.21E-04	3.61E-05	6.42E-06	3.61E-03	7.22E-04	1.99E-01	3.82E-02	2.56E-01	3.89E-02
603	Gridded	4.39E-03	6.71E-04	4.74E-06	5.77E-07	2.22E-03	3.28E-04	4.71E-03	7.10E-04	4.67E-03	7.04E-04	4.37E-03	6.69E-04	5.75E-03	8.36E-04	5.75E-03	8.36E-04	8.13E-03	1.24E-03	4.71E-03	7.10E-04	6.58E-05	8.00E-06	4.38E-03	6.70E-04	4.50E-05	5.48E-06	4.39E-03	6.71E-04	2.04E-01	3.49E-02	2.31E-01	3.68E-02
604	Gridded	5.31E-03	5.14E-04	5.71E-06	5.73E-07	2.68E-03	2.52E-04	5.69E-03	5.44E-04	5.64E-03	5.39E-04	5.29E-03	5.12E-04	6.94E-03	6.41E-04	6.94E-03	6.41E-04	9.83E-03	9.52E-04	5.69E-03	5.44E-04	7.92E-05	7.94E-06	5.30E-03	5.13E-04	5.42E-05	5.43E-06	5.31E-03	5.14E-04	1.89E-01	3.31E-02	2.88E-01	4.16E-02
605	Gridded	4.86E-03	5.81E-04	5.28E-06	6.15E-07	2.46E-03	2.93E-04	5.22E-03	6.23E-04	5.17E-03	6.17E-04	4.84E-03	5.79E-04	6.37E-03	7.58E-04	6.37E-03	7.58E-04	9.00E-03	1.08E-03	5.22E-03	6.23E-04	7.33E-05	8.53E-06	4.85E-03	5.80E-04	5.01E-05	5.84E-06	4.87E-03	5.82E-04	1.79E-01	4.08E-02	4.60E-01	4.39E-02
606	Gridded	3.65E-03	7.79E-04	4.03E-06	8.93E-07	1.85E-03	3.97E-04	3.91E-03	8.39E-04	3.87E-03	8.30E-04	3.64E-03	7.75E-04	4.80E-03	1.03E-03	4.80E-03	1.03E-03	6.77E-03	1.44E-03	3.91E-03	8.39E-04	5.59E-05	1.24E-05	3.65E-03	7.77E-04	3.83E-05	8.47E-06	3.65E-03	7.79E-04	2.45E-01	5.61E-02	3.90E-01	5.77E-02
607	Gridded	4.41E-03	1.03E-03	5.31E-06	1.16E-06	2.26E-03	5.23E-04	4.77E-03	1.11E-03	4.71E-03	1.10E-03	4.39E-03	1.02E-03	5.93E-03	1.36E-03	5.93E-03	1.36E-03	8.16E-03	1.90E-03	4.77E-03	1.11E-03	7.36E-05	1.61E-05	4.40E-03	1.03E-03	5.04E-05	1.10E-05	4.41E-03	1.03E-03	2.68E-01	5.88E-02	3.21E-01	5.54E-02
608	Gridded	5.04E-03	1.09E-03	4.70E-06	1.11E-06	2.49E-03	5.45E-04	5.36E-03	1.16E-03	5.31E-03	1.15E-03	5.02E-03	1.08E-03	6.39E-03	1.41E-03	6.39E-03	1.41E-03	9.34E-03	2.01E-03	5.36E-03	1.16E-03	6.52E-05	1.55E-05	5.03E-03	1.09E-03	4.46E-05	1.06E-05	5.04E-03	1.09E-03	2.12E-01	4.98E-02	2.62E-01	4.65E-02
609	Gridded	4.14E-03	8.58E-04	3.93E-06	7.80E-07	2.05E-03	4.23E-04	4.40E-03	9.11E-04	4.36E-03	9.03E-04	4.12E-03	8.55E-04	5.26E-03	1.08E-03	5.26E-03	1.08E-03	7.66E-03	1.59E-03	4.40E-03	9.11E-04	5.45E-05	1.08E-05	4.13E-03	8.57E-04	3.73E-05	7.40E-06	4.14E-03	8.59E-04	1.78E-01	4.49E-02	2.53E-01	6.00E-02
610	Gridded	4.13E-03	7.39E-04	3.23E-06	6.65E-07	1.98E-03	3.64E-04	4.33E-03	7.84E-04	4.30E-03	7.77E-04	4.12E-03	7.36E-04	4.97E-03	9.29E-04	4.97E-03	9.29E-04	7.66E-03	1.37E-03	4.33E-03	7.84E-04	4.48E-05	9.22E-06	4.13E-03	7.38E-04	3.07E-05	6.31E-06	4.13E-03	7.39E-04	1.75E-01	5.00E-02	2.29E-01	6.43E-02
611	Gridded	3.63E-03	8.16E-04	3.17E-06	7.11E-07	1.78E-03	4.00E-04	3.84E-03	8.64E-04	3.81E-03	8.57E-04	3.62E-03	8.13E-04	4.54E-03	1.02E-03	4.54E-03	1.02E-03	6.73E-03	1.51E-03	3.84E-03	8.64E-04	4.39E-05	9.86E-06	3.63E-03	8.15E-04	3.01E-05	6.75E-06	3.63E-03	8.17E-04	1.73E-01	4.72E-02	2.54E-01	6.94E-02
612	Gridded	3.79E-03	9.60E-04	3.56E-06	8.13E-07	1.87E-03	4.66E-04	4.02E-03	1.01E-03	3.99E-03	1.00E-03	3.78E-03	9.57E-04	4.80E-03	1.18E-03	4.80E-03	1.18E-03	7.03E-03	1.78E-03	4.02E-03	1.01E-03	4.93E-05	1.13E-05	3.79E-03	9.59E-04	3.38E-05	7.71E-06	3.79E-03	9.61E-04	1.97E-01	6.43E-02	3.30E-01	9.36E-02
613	Gridded	2.82E-03	4.23E-04	3.18E-06	5.44E-07	1.36E-03	2.07E-04	2.96E-03	4.48E-04	2.94E-03	4.44E-04	2.81E-03	4.22E-04	3.42E-03	5.26E-04	3.42E-03	5.26E-04	5.22E-03	7.85E-04	2.96E-03	4.48E-04	4.41E-05	7.54E-06	2.81E-03	4.23E-04	3.01E-05	5.16E-06	2.82E-03	4.24E-04	8.95E-02	2.20E-02	2.22E-01	2.83E-02
614	Gridded	3.89E-03	4.90E-04	4.00E-06	6.54E-07	1.89E-03	2.56E-04	4.10E-03	5.34E-04	4.07E-03	5.28E-04	3.87E-03	4.87E-04	4.78E-03	6.77E-04	4.78E-03	6.77E-04	7.20E-03	9.07E-04	4.10E-03	5.34E-04	5.55E-05	9.08E-06	3.88E-03	4.89E-04	3.80E-05	6.21E-06	3.89E-03	4.90E-04	1.00E-01	2.47E-02	1.81E-01	3.15E-02
615	Gridded	5.49E-03	6.18E-04	4.29E-06	6.59E-07	2.65E-03	3.11E-04	5.78E-03	6.62E-04	5.74E-03	6.56E-04	5.47E-03	6.15E-04	6.72E-03	8.07E-04	6.72E-03	8.07E-04	1.02E-02	1.14E-03	5.78E-03	6.62E-04	5.96E-05	9.14E-06	5.48E-03	6.17E-04	4.07E-05	6.25E-06	5.49E-03	6.18E-04	1.38E-01	2.59E-02	1.77E-01	3.26E-02
616	Gridded	6.06E-03	6.53E-04	4.26E-06	5.47E-07	2.90E-03	3.18E-04	6.35E-03	6.90E-04	6.31E-03	6.85E-04	6.05E-03	6.51E-04	7.28E-03	8.10E-04	7.28E-03	8.10E-04	1.12E-02	1.21E-03	6.35E-03	6.90E-04	5.90E-05	7.58E-06	6.06E-03	6.52E-04	4.04E-05	5.19E-06	6.07E-03	6.53E-04	1.53E-01	2.68E-02	1.82E-01	3.75E-02
617	Gridded	4.99E-03	5.75E-04	3.85E-06	5.27E-07	2.35E-03	2.73E-04	5.19E-03	6.01E-04	5.17E-03	5.97E-04	4.98E-03	5.74E-04	5.84E-03	6.84E-04	5.84E-03	6.84E-04	9.26E-03	1.07E-03	5.19E-03	6.01E-04	5.35E-05	7.31E-06	4.99E-03	5.75E-04	3.66E-05	5.00E-06	5.00E-03	5.76E-04	1.34E-01	2.97E-02	1.92E-01	4.43E-02
618	Gridded	3.46E-03	5.31E-04	3.92E-06	5.36E-07	1.74E-03	2.65E-04	3.70E-03	5.67E-04	3.67E-03	5.62E-04	3.45E-03	5.29E-04	4.52E-03	6.84E-04	4.52E-03	6.84E-04	6.42E-03	9.83E-04	3.70E-03	5.67E-04	5.44E-05	7.43E-06	3.46E-03	5.30E-04	3.72E-05	5.08E-06	3.46E-03	5.31E-04	1.50E-01	2.93E-02	2.07E-01	4.47E-02
619	Gridded	3.78E-03	4.53E-04	3.69E-06	5.21E-07	1.84E-03	2.27E-04	3.99E-03	4.84E-04	3.96E-03	4.80E-04	3.77E-03	4.51E-04	4.67E-03	5.86E-04	4.67E-03	5.86E-04	7.01E-03	8.39E-04	3.99E-03	4.84E-04	5.12E-05	7.22E-06	3.78E-03	4.52E-04	3.51E-05	4.94E-06	3.78E-03	4.53E-04	1.67E-01	2.52E-02	2.03E-01	3.68E-02
620	Gridded	3.65E-03	4.12E-04	4.80E-06	5.46E-07	1.90E-03	2.15E-04	3.97E-03	4.49E-04	3.93E-03	4.44E-04	3.63E-03	4.10E-04	5.02E-03	5.69E-04	5.02E-03	5.69E-04	6.75E-03	7.64E-04	3.97E-03	4.49E-04	6.66E-05	7.58E-06	3.64E-03	4.12E-04	4.56E-05	5.18E-06	3.65E-03	4.13E-04	1.55E-01	2.37E-02	2.06E-01	3.19E-02
621	Gridded	3.98E-03	4.33E-04	4.72E-06	5.32E-07	2.04E-03	2.23E-04	4.30E-03	4.69E-04	4.25E-03	4.64E-04	3.96E-03	4.31E-04	5.33E-03	5.86E-04	5.33E-03	5.86E-04	7.37E-03	8.02E-04	4.30E-03	4.69E-04	6.55E-05	7.38E-06	3.97E-03	4.32E-04	4.48E-05	5.05E-06	3.98E-03	4.34E-04	1.28E-01	2.46E-02	2.08E-01	3.17E-02
622	Gridded	3.73E-03	4.31E-04	4.60E-06	4.47E-07	1.93E-03	2.16E-04	4.05E-03	4.62E-04	4.00E-03	4.57E-04	3.72E-03	4.30E-04	5.05E-03	5.59E-04	5.05E-03	5.59E-04	6.92E-03	7.99E-04	4.05E-03	4.62E-04	6.38E-05	6.20E-06	3.73E-03	4.31E-04	4.36E-05	4.24E-06	3.74E-03	4.32E-04	2.30E-01	2.47E-02	3.12E-01	3.46E-02
623	Gridded	7.47E-03	3.97E-04	7.70E-06	5.47E-07	3.75E-03	1.88E-04	7.99E-03	4.15E-04	7.92E-03	4.12E-04	7.44E-03	3.96E-04	9.68E-03	4.71E-04	9.68E-03	4.71E-04	1.38E-02	7.36E-04	7.99E-03	4.15E-04	1.07E-04	7.58E-06	7.46E-03	3.97E-04	7.31E-05	5.19E-06	7.48E-03	3.97E-04	3.20E-01	2.31E-02	3.69E-01	3.93E-02
624	Gridded	9.41E-03	4.62E-04	8.18E-06	5.53E-07	4.61E-03	2.29E-04	9.97E-03	4.91E-04	9.89E-03	4.87E-04	9.38E-03	4.60E-04	1.18E-02	5.87E-04	1.18E-02	5.87E-04	1.74E-02	8.55E-04	9.97E-03	4.91E-04	1.13E-04	7.67E-06	9.40E-03	4.61E-04	7.76E-05	5.25E-06	9.42E-03	4.62E-04	3.19E-01	2.40E-02	3.07E-01	3.69E-02
625	Gridded	6.66E-03	4.10E-04	5.23E-06	5.13E-07	3.20E-03	2.12E-04	6.99E-03	4.45E-04	6.94E-03	4.40E-04	6.64E-03	4.08E-04	8.07E-03	5.57E-04	8.07E-03	5.57E-04	1.23E-02	7.59E-04	6.99E-03	4.45E-04	7.26E-05	7.11E-06	6.65E-03	4.09E-04	4.96E-05	4.87E-06	6.66E-03	4.10E-04	2.08E-01	2.58E-02	2.99E-01	4.13E-02
626	Gridded	4.37E-03	5.02E-04	4.13E-06	5.40E-07	2.16E-03	2.52E-04	4.64E-03	5.37E-04	4.60E-03	5.32E-04	4.35E-03	5.00E-04	5.53E-03	6.52E-04	5.53E-03	6.52E-04	8.09E-03	9.30E-04	4.64E-03	5.37E-04	5.73E-05	7.49E-06	4.36E-03	5.01E-04	3.92E-05	5.12E-06	4.37E-03	5.02E-04	2.02E-01	3.44E-02	3.95E-01	5.37E-02
627	Gridded	5.17E-03	4.98E-04	4.90E-06	5.69E-07	2.34E-03	2.54E-04	5.29E-03	5.37E-04	5.27E-03	5.31E-04	5.17E-03	4.96E-04	5.66E-03	6.61E-04	5.66E-03	6.61E-04	9.60E-03	9.23E-04	5.29E-03	5.37E-04	6.79E-05	7.88E-06	5.17E-03	4.97E-04	4.65E-05	5.39E-06	5.17E-03	4.99E-04	2.71E-01	4.00E-02	4.85E-01	6.55E-02
628	Gridded	5.56E-03	7.42E-04	6.17E-06	8.01E-07	2.79E-03	3.75E-04	5.91E-03	7.96E-04	5.85E-03	7.88E-04	5.56E-03	7.39E-04	7.26E-03	9.71E-04	7.26E-03	9.71E-04	1.03E-02	1.37E-03	5.91E-03	7.96E-04	8.56E-05	1.11E-05	5.56E-03	7.41E-04	5.86E-05	7.60E-06	5.56E-03	7.43E-04	2.13E-01	4.43E-02	5.13E-01	7.46E-02
629	Gridded	5.28E-03	8.14E-04	5.51E-06	7.88E-07	2.65E-03	4.05E-04	5.65E-03	8.67E-04	5.60E-03	8.60E-04	5.26E-03	8.11E-04	6.86E-03	1.04E-03	6.86E-03	1.04E-03	9.79E-03	1.51E-03	5.65E-03	8.67E-04	7.64E-05	1.09E-05	5.27E-03	8.13E-04	5.23E-05	7.48E-06	5.29E-03	8.15E-04	3.10E-01	4.31E-02	5.22E-01	7.03E-02
630	Gridded	7.04E-03	4.85E-04	6.63E-06	6.87E-07	3.49E-03	2.45E-04	7.49E-03	5.20E-04	7.42E-03	5.15E-04	7.02E-03	4.83E-04	8.94E-03	6.34E-04	8.94E-03	6.34E-04	1.30E-02	8.98E-04	7.49E-03	5.20E-04	9.19E-05	9.53E-06	7.03E-03	4.84E-04	6.29E-05	6.52E-06	7.05E-03	4.85E-04	2.40E-01	2.76E-02	3.58E-01	3.62E-02
631	Gridded	4.42E-03	4.19E-04	6.08E-06	7.14E-07	2.18E-03	2.30E-04	4.69E-03	4.67E-04	4.65E-03	4.60E-04	4.40E-03	4.17E-04	5.58E-03	6.21E-04	5.58E-03	6.21E-04	8.19E-03	7.75E-04	4.69E-03	4.67E-04	8.43E-05	9.91E-06	4.41E-03	4.18E-04	5.77E-05	6.78E-06	4.42E-03	4.20E-04	2.18E-01	2.64E-02	3.35E-01	3.94E-02
632	Gridded	4.75E-03	6.24E-04	6.55E-06	9.92E-07	2.29E-03	3.04E-04	4.99E-03	6.59E-04	4.96E-03	6.54E-04	4.74E-03	6.22E-04	5.77E-03	7.72E-04	5.77E-03	7.72E-04	8.81E-03	1.16E-03	4.99E-03	6.59E-04	9.08E-05	1.38E-05	4.75E-03	6.23E-04	6.21E-05	9.42E-06	4.76E-03	6.25E-04	2.23E-01	2.82E-02	3.82E-01	4.68E-02
633	Gridded	6.94E-03	8.60E-04	4.87E-06	5.91E-07	3.29E-03	4.10E-04	7.24E-03	8.99E-04	7.20E-03	8.94E-04	6.93E-03	8.57E-04	8.21E-03	1.03E-03	8.21E-03	1.03E-03	1.29E-02	1.59E-03	7.24E-03	8.99E-04	6.75E-05	8.20E-06	6.94E-03	8.59E-04	4.62E-05	5.61E-06	6.95E-03	8.60E-04	2.24E-01	2.06E-02	4.06E-01	3.35E-02
634	Gridded	6.44E-03	7.55E-04	6.60E-06	4.13E-07	2.81E-03	3.33E-04	6.49E-03	7.64E-04	6.48E-03	7.63E-04	6.44E-03	7.55E-04	6.64E-03	7.92E-04	6.64E-03	7.92E-04	1.20E-02	1.40E-03	6.49E-03	7.64E-04	9.15E-05	5.73E-06	6.44E-03	7.55E-04	6.26E-05	3.92E-06	6.44E-03	7.55E-04	2.53E-01	1.91E-02	4.12E-01	2.76E-02
635	Gridded	5.13E-03	4.37E-04	6.02E-06	4.42E-07	2.50E-03	2.19E-04	5.40E-03	4.67E-04	5.37E-03	4.63E-04	5.11E-03	4.36E-04	6.56E-03	5.64E-04	6.56E-03	5.64E-04	9.50E-03	8.10E-04	5.40E-03	4.67E-04	8.35E-05	6.13E-06	5.12E-03	4.37E-04	5.71E-05	4.20E-06	5.13E-03	4.38E-04	2.33E-01	2.27E-02	3.19E-01	2.58E-02
636	Gridded	4.75E-03	3.83E-04	4.81E-06	4.49E-07	2.36E-03	1.96E-04	5.06E-03	4.13E-04	5.02E-03	4.09E-04	4.73E-03	3.81E-04	6.08E-03	5.12E-04	6.08E-03	5.12E-04	8.80E-03	7.09E-04	5.06E-03	4.13E-04	6.67E-05	6.23E-06	4.74E-03	3.82E-04	4.56E-05	4.26E-06	4.75E-03	3.83E-04	2.39E-01	2.09E-02	3.12E-01	2.72E-02
637	Gridded	4.79E-03	4.10E-04	5.85E-06	4.98E-07	2.37E-03	2.09E-04	5.09E-03	4.42E-04	5.05E-03	4.38E-04	4.78E-03	4.09E-04	6.11E-03	5.46E-04	6.11E-03	5.46E-04	8.88E-03	7.60E-04	5.09E-03	4.42E-04	8.11E-05	6.91E-06	4.79E-03	4.10E-04	5.55E-05	4.73E-06	4.80E-03	4.11E-04	2.05E-01	2.75E-02	3.46E-01	3.70E-02
638	Gridded	3.76E-03	4.12E-04	5.82E-06	5.14E-07	2.02E-03	2.10E-04	4.15E-03	4.44E-04	4.10E-03	4.39E-04	3.74E-03	4.10E-04	5.43E-03	5.48E-04	5.43E-03	5.48E-04	6.96E-03	7.62E-04	4.15E-03	4.44E-04	8.07E-05	7.13E-06	3.75E-03	4.11E-04	5.52E-05	4.88E-06	3.77E-03	4.12E-04	1.95E-01	2.82E-02	3.14E-01	3.91E-02
639	Gridded	4.41E-03	5.00E-04	4.69E-06	4.60E-07	2.22E-03	2.46E-04	4.73E-03	5.30E-04	4.68E-03	5.26E-04	4.39E-03	4.98E-04	5.75E-03	6.27E-04	5.75E-03	6.27E-04	8.17E-03	9.27E-04	4.73E-03	5.30E-04	6.50E-05	6.39E-06	4.40E-03	4.99E-04	4.45E-05	4.37E-06	4.41E-03	5.00E-04	2.05E-01	2.48E-02	4.23E-01	3.53E-02
640	Gridded	5.32E-03	3.42E-04	3.59E-06	3.69E-07	2.53E-03	1.73E-04	5.56E-03	3.67E-04	5.53E-03	3.64E-04	5.31E-03	3.41E-04	6.33E-03	4.48E-04	6.33E-03	4.48E-04	9.86E-03	6.34E-04	5.56E-03	3.67E-04	4.98E-05	5.12E-06	5.32E-03	3.42E-04	3.40E-05	3.50E-06	5.32E-03	3.43E-04	1.79E-01	1.87E-02	3.77E-01	4.19E-02
641	Gridded	5.31E-03	3.26E-04	3.13E-06	3.97E-07	2.42E-03	1.68E-04	5.45E-03	3.53E-04	5.43E-03	3.49E-04	5.30E-03	3.25E-04	5.90E-03	4.40E-04	5.90E-03	4.40E-04	9.85E-03	6.04E-04	5.45E-03	3.53E-04	4.34E-05	5.50E-06	5.31E-03	3.26E-04	2.97E-05	3.77E-06	5.31E-03	3.27E-04	1.51E-01	1.79E-02	4.65E-01	3.92E-02
642	Gridded	3.21E-03	4.52E-04	3.33E-06	4.38E-07	1.42E-03	2.25E-04	3.25E-03	4.81E-04	3.24E-03	4.77E-04	3.20E-03	4.50E-04	3.48E-03	5.77E-04	3.48E-03	5.77E-04	5.95E-03	8.37E-04	3.25E-03	4.81E-04	4.63E-05	6.07E-06	3.20E-03	4.51E-04	3.16E-05	4.15E-06	3.21E-03	4.52E-04	1.33E-01	1.91E-02	3.07E-01	3.36E-02
643	Gridded	3.12E-03	3.39E-04	3.08E-06	3.23E-07	1.52E-03	1.66E-04	3.29E-03	3.59E-04	3.27E-03	3.56E-04	3.11E-03	3.37E-04	3.84E-03	4.23E-04	3.84E-03	4.23E-04	5.79E-03	6.27E-04	3.29E-03	3.59E-04	4.28E-05	4.48E-06	3.12E-03	3.38E-04	2.93E-05	3.06E-06	3.13E-03	3.39E-04	1.37E-01	2.04E-02	3.61E-01	3.26E-02
644	Gridded	2.78E-03	3.35E-04	3.27E-06	3.79E-07	1.37E-03	1.70E-04	2.95E-03	3.61E-04	2.93E-03	3.57E-04	2.77E-03	3.34E-04	3.53E-03	4.43E-04	3.53E-03	4.43E-04	5.15E-03	6.20E-04	2.95E-03	3.61E-04	4.54E-05	5.25E-06	2.78E-03	3.34E-04	3.10E-05	3.59E-06	2.78E-03	3.35E-04	1.29E-01	2.16E-02	4.14E-01	3.91E-02
645	Gridded	3.74E-03	3.69E-04	4.22E-06	3.73E-07	1.83E-03	1.81E-04	3.96E-03	3.90E-04	3.93E-03	3.87E-04	3.73E-03	3.68E-04	4.68E-03	4.60E-04	4.68E-03	4.60E-04	6.94E-03	6.84E-04	3.96E-03	3.90E-04	5.86E-05	5.17E-06	3.74E-03	3.69E-04	4.01E-05	3.54E-06	3.75E-03	3.69E-04	1.55E-01	2.34E-02	5.87E-01	4.28E-02
646	Gridded	4.03E-03	4.54E-04	4.83E-06	4.59E-07	1.92E-03	2.27E-04	4.22E-03	4.85E-04	4.19E-03	4.81E-04	4.02E-03	4.52E-04	4.82E-03	5.85E-04	4.82E-03	5.85E-04	7.48E-03	8.41E-04	4.22E-03	4.85E-04	6.70E-05	6.37E-06	4.03E-03	4.53E-04	4.59E-05	4.36E-06	4.03E-03	4.54E-04	2.18E-01	2.40E-02	4.51E-01	3.25E-02
647	Gridded	3.64E-03	4.72E-04	4.65E-06	4.25E-07	1.81E-03	2.32E-04	3.88E-03	5.00E-04	3.84E-03	4.96E-04	3.63E-03	4.70E-04	4.64E-03	5.93E-04	4.64E-03	5.93E-04	6.75E-03	8.74E-04	3.88E-03	5.00E-04	6.45E-05	5.89E-06	3.64E-03	4.71E-04	4.41E-05	4.03E-06	3.65E-03	4.72E-04	1.92E-01	2.07E-02	2.51E-01	2.48E-02
648	Gridded	3.39E-03	3.75E-04	4.50E-06	5.81E-07	1.62E-03	1.83E-04	3.55E-03	3.96E-04	3.53E-03	3.93E-04	3.38E-03	3.74E-04	4.08E-03	4.64E-04	4.08E-03	4.64E-04	6.28E-03	6.95E-04	3.55E-03	3.96E-04	6.25E-05	8.06E-06	3.38E-03	3.74E-04	4.27E-05	5.51E-06	3.39E-03	3.75E-04	1.81E-01	2.25E-02	2.88E-01	3.82E-02
649	Gridded	4.39E-03	3.48E-04	6.17E-06	6.89E-07	2.09E-03	1.87E-04	4.59E-03	3.82E-04	4.56E-03	3.77E-04	4.37E-03	3.47E-04	5.24E-03	5.03E-04	5.24E-03	5.03E-04	8.13E-03	6.45E-04	4.59E-03	3.82E-04	8.56E-05	9.56E-06	4.38E-03	3.47E-04	5.85E-05	6.54E-06	4.39E-03	3.48E-04	1.73E-01	2.28E-02	3.30E-01	3.20E-02

Scenario 4 Results

650	Gridded	4.93E-03	5.65E-04	5.66E-06	5.64E-07	2.40E-03	2.82E-04	5.10E-03	6.03E-04	5.05E-03	5.97E-04	4.93E-03	5.63E-04	6.21E-03	7.26E-04	6.21E-03	7.26E-04	9.15E-03	1.05E-03	5.10E-03	6.03E-04	7.84E-05	7.82E-06	4.93E-03	5.64E-04	5.37E-05	5.35E-06	4.94E-03	5.65E-04	2.49E-01	3.02E-02	2.84E-01	3.40E-02
651	Gridded	4.65E-03	6.32E-04	5.34E-06	5.89E-07	2.37E-03	3.10E-04	5.01E-03	6.69E-04	4.96E-03	6.64E-04	4.63E-03	6.30E-04	6.18E-03	7.90E-04	6.18E-03	7.90E-04	8.61E-03	1.17E-03	5.01E-03	6.69E-04	7.40E-05	8.17E-06	4.64E-03	6.31E-04	5.06E-05	5.59E-06	4.65E-03	6.32E-04	2.41E-01	3.36E-02	3.31E-01	3.89E-02
652	Gridded	4.57E-03	8.49E-04	4.51E-06	7.97E-07	2.24E-03	4.20E-04	4.84E-03	9.03E-04	4.80E-03	8.95E-04	4.55E-03	8.46E-04	5.72E-03	1.08E-03	5.72E-03	1.08E-03	8.46E-03	1.57E-03	4.84E-03	9.03E-04	6.26E-05	1.11E-05	4.56E-03	8.48E-04	4.28E-05	7.56E-06	4.57E-03	8.49E-04	2.38E-01	4.47E-02	3.00E-01	4.49E-02
653	Gridded	3.85E-03	7.18E-04	4.13E-06	6.06E-07	1.94E-03	3.49E-04	4.13E-03	7.57E-04	4.09E-03	7.52E-04	3.83E-03	7.16E-04	5.03E-03	8.85E-04	5.03E-03	8.85E-04	7.13E-03	1.33E-03	4.13E-03	7.57E-04	5.73E-05	8.41E-06	3.84E-03	7.17E-04	3.92E-05	5.76E-06	3.85E-03	7.18E-04	2.24E-01	3.77E-02	2.51E-01	4.13E-02
654	Gridded	4.95E-03	5.18E-04	5.24E-06	6.01E-07	2.49E-03	2.54E-04	5.30E-03	5.49E-04	5.25E-03	5.44E-04	4.93E-03	5.16E-04	6.45E-03	6.60E-04	6.45E-03	6.60E-04	9.17E-03	9.60E-04	5.30E-03	5.49E-04	7.27E-05	8.33E-06	4.94E-03	5.17E-04	4.97E-05	5.70E-06	4.95E-03	5.19E-04	1.84E-01	3.55E-02	2.76E-01	4.51E-02
655	Gridded	4.94E-03	6.27E-04	5.26E-06	6.47E-07	2.49E-03	3.15E-04	5.29E-03	6.71E-04	5.24E-03	6.65E-04	4.92E-03	6.25E-04	6.44E-03	8.13E-04	6.44E-03	8.13E-04	9.15E-03	1.16E-03	5.29E-03	6.71E-04	7.29E-05	8.97E-06	4.93E-03	6.26E-04	4.99E-05	6.14E-06	4.94E-03	6.28E-04	1.91E-01	4.48E-02	3.41E-01	4.86E-02
656	Gridded	3.97E-03	7.68E-04	4.31E-06	8.85E-07	2.01E-03	3.92E-04	4.26E-03	8.28E-04	4.22E-03	8.19E-04	3.96E-03	7.65E-04	5.21E-03	1.02E-03	5.21E-03	1.02E-03	7.36E-03	1.42E-03	4.26E-03	8.28E-04	5.98E-05	1.23E-05	3.96E-03	7.67E-04	4.09E-05	8.40E-06	3.97E-03	7.69E-04	2.52E-01	5.63E-02	5.16E-01	5.82E-02
657	Gridded	4.37E-03	9.94E-04	5.26E-06	1.11E-06	2.25E-03	5.04E-04	4.73E-03	1.07E-03	4.68E-03	1.06E-03	4.35E-03	9.89E-04	5.88E-03	1.31E-03	5.88E-03	1.31E-03	8.10E-03	1.84E-03	4.73E-03	1.07E-03	7.30E-05	1.54E-05	4.37E-03	9.92E-04	4.99E-05	1.05E-05	4.38E-03	9.94E-04	2.54E-01	5.60E-02	3.89E-01	5.20E-02
658	Gridded	4.83E-03	1.02E-03	4.57E-06	1.01E-06	2.38E-03	5.08E-04	5.13E-03	1.09E-03	5.09E-03	1.08E-03	4.82E-03	1.01E-03	6.08E-03	1.31E-03	6.08E-03	1.31E-03	8.96E-03	1.89E-03	5.13E-03	1.09E-03	6.34E-05	1.40E-05	4.83E-03	1.02E-03	4.33E-05	9.58E-06	4.84E-03	1.02E-03	2.10E-01	4.48E-02	2.54E-01	5.32E-02
659	Gridded	4.53E-03	8.37E-04	4.03E-06	7.16E-07	2.19E-03	4.09E-04	4.77E-03	8.86E-04	4.73E-03	8.79E-04	4.52E-03	8.35E-04	5.53E-03	1.04E-03	5.53E-03	1.04E-03	8.40E-03	1.55E-03	4.77E-03	8.86E-04	5.58E-05	9.93E-06	4.53E-03	8.36E-04	3.82E-05	6.79E-06	4.53E-03	8.38E-04	2.07E-01	5.43E-02	2.61E-01	7.21E-02
660	Gridded	4.47E-03	1.03E-03	3.94E-06	8.84E-07	2.16E-03	5.04E-04	4.67E-03	1.09E-03	4.64E-03	1.08E-03	4.46E-03	1.03E-03	5.53E-03	1.28E-03	5.53E-03	1.28E-03	8.29E-03	1.91E-03	4.67E-03	1.09E-03	5.46E-05	1.23E-05	4.46E-03	1.03E-03	3.74E-05	8.39E-06	4.47E-03	1.03E-03	2.09E-01	6.08E-02	2.70E-01	7.61E-02
661	Gridded	3.83E-03	9.80E-04	3.42E-06	8.18E-07	1.86E-03	4.77E-04	4.04E-03	1.03E-03	4.01E-03	1.03E-03	3.82E-03	9.77E-04	4.72E-03	1.21E-03	4.72E-03	1.21E-03	7.10E-03	1.82E-03	4.04E-03	1.03E-03	4.74E-05	1.14E-05	3.82E-03	9.79E-04	3.24E-05	7.77E-06	3.83E-03	9.81E-04	1.96E-01	6.36E-02	3.26E-01	9.37E-02
662	Gridded	3.88E-03	1.02E-03	3.47E-06	1.04E-06	1.91E-03	4.97E-04	4.11E-03	1.08E-03	4.08E-03	1.07E-03	3.86E-03	1.02E-03	4.87E-03	1.26E-03	4.87E-03	1.26E-03	7.19E-03	1.89E-03	4.11E-03	1.08E-03	4.81E-05	1.45E-05	3.87E-03	1.02E-03	3.29E-05	9.90E-06	3.88E-03	1.02E-03	2.15E-01	7.14E-02	3.11E-01	9.72E-02
663	Gridded	5.98E-03	1.46E-03	6.37E-06	1.76E-06	3.01E-03	7.49E-04	6.41E-03	1.58E-03	6.35E-03	1.56E-03	5.95E-03	1.45E-03	7.80E-03	1.96E-03	7.80E-03	1.96E-03	1.11E-02	2.70E-03	6.41E-03	1.58E-03	8.84E-05	2.43E-05	5.97E-03	1.46E-03	6.05E-05	1.67E-05	5.98E-03	1.46E-03	2.77E-01	9.38E-02	3.62E-01	1.06E-01
664	Gridded	2.71E-03	4.61E-04	3.17E-06	4.06E-07	1.39E-03	2.26E-04	2.92E-03	4.88E-04	2.89E-03	4.85E-04	2.70E-03	4.60E-04	3.62E-03	5.77E-04	3.62E-03	5.77E-04	5.02E-03	8.54E-04	2.92E-03	4.88E-04	4.39E-05	5.63E-06	2.70E-03	4.60E-04	3.01E-05	3.85E-06	2.71E-03	4.61E-04	1.01E-01	1.86E-02	2.42E-01	2.83E-02
665	Gridded	3.59E-03	4.38E-04	3.33E-06	4.91E-07	1.77E-03	2.14E-04	3.81E-03	4.63E-04	3.78E-03	4.60E-04	3.58E-03	4.37E-04	4.54E-03	5.44E-04	4.54E-03	5.44E-04	6.65E-03	8.12E-04	3.81E-03	4.63E-04	4.62E-05	6.81E-06	3.58E-03	4.38E-04	3.16E-05	4.66E-06	3.59E-03	4.39E-04	1.09E-01	2.13E-02	2.16E-01	2.80E-02
666	Gridded	5.01E-03	4.19E-04	4.71E-06	6.24E-07	2.48E-03	2.17E-04	5.33E-03	4.46E-04	5.29E-03	4.40E-04	5.00E-03	4.18E-04	6.36E-03	5.83E-04	6.36E-03	5.83E-04	9.29E-03	7.76E-04	5.33E-03	4.46E-04	6.53E-05	8.65E-06	5.01E-03	4.18E-04	4.47E-05	5.92E-06	5.02E-03	4.19E-04	1.49E-01	2.44E-02	1.87E-01	3.21E-02
667	Gridded	5.99E-03	5.51E-04	5.25E-06	6.87E-07	2.94E-03	2.85E-04	6.35E-03	5.97E-04	6.30E-03	5.91E-04	5.97E-03	5.49E-04	7.50E-03	7.48E-04	7.50E-03	7.48E-04	1.11E-02	1.02E-03	6.35E-03	5.97E-04	7.28E-05	9.52E-06	5.98E-03	5.50E-04	4.98E-05	6.52E-06	5.99E-03	5.52E-04	1.80E-01	2.68E-02	1.83E-01	3.48E-02
668	Gridded	5.73E-03	6.60E-04	4.52E-06	6.36E-07	2.77E-03	3.28E-04	6.03E-03	7.03E-04	5.99E-03	6.97E-04	5.71E-03	6.58E-04	7.02E-03	8.43E-04	7.02E-03	8.43E-04	1.06E-02	1.22E-03	6.03E-03	7.03E-04	6.27E-05	8.82E-06	5.72E-03	6.59E-04	4.29E-05	6.04E-06	5.73E-03	6.61E-04	1.64E-01	2.74E-02	1.86E-01	3.72E-02
669	Gridded	4.58E-03	6.38E-04	3.40E-06	5.18E-07	2.19E-03	3.07E-04	4.80E-03	6.70E-04	4.77E-03	6.66E-04	4.57E-03	6.37E-04	5.51E-03	7.74E-04	5.51E-03	7.74E-04	8.49E-03	1.18E-03	4.80E-03	6.70E-04	4.72E-05	7.18E-06	4.58E-03	6.38E-04	3.23E-05	4.91E-06	4.58E-03	6.39E-04	1.35E-01	3.13E-02	2.08E-01	4.62E-02
670	Gridded	3.61E-03	5.61E-04	3.89E-06	5.64E-07	1.67E-03	2.80E-04	3.72E-03	5.99E-04	3.71E-03	5.93E-04	3.60E-03	5.59E-04	4.28E-03	7.22E-04	4.28E-03	7.22E-04	6.69E-03	1.04E-03	3.72E-03	5.99E-04	5.39E-05	7.82E-06	3.61E-03	5.60E-04	3.69E-05	5.35E-06	3.61E-03	5.61E-04	1.51E-01	3.16E-02	2.18E-01	4.89E-02
671	Gridded	3.91E-03	5.14E-04	3.60E-06	5.31E-07	1.93E-03	2.57E-04	4.15E-03	5.49E-04	4.11E-03	5.44E-04	3.89E-03	5.12E-04	4.94E-03	6.64E-04	4.94E-03	6.64E-04	7.24E-03	9.52E-04	4.15E-03	5.49E-04	4.99E-05	7.36E-06	3.90E-03	5.13E-04	3.42E-05	5.04E-06	3.91E-03	5.14E-04	1.74E-01	2.83E-02	2.21E-01	4.29E-02
672	Gridded	3.84E-03	4.41E-04	4.99E-06	5.86E-07	2.00E-03	2.30E-04	4.17E-03	4.81E-04	4.13E-03	4.75E-04	3.82E-03	4.39E-04	5.27E-03	6.09E-04	5.27E-03	6.09E-04	7.10E-03	8.17E-04	4.17E-03	4.81E-04	6.91E-05	8.13E-06	3.83E-03	4.40E-04	4.73E-05	5.56E-06	3.84E-03	4.42E-04	1.70E-01	2.59E-02	2.21E-01	3.53E-02
673	Gridded	4.39E-03	4.61E-04	5.12E-06	5.78E-07	2.24E-03	2.38E-04	4.73E-03	5.00E-04	4.68E-03	4.95E-04	4.37E-03	4.59E-04	5.85E-03	6.27E-04	5.85E-03	6.27E-04	8.12E-03	8.54E-04	4.73E-03	5.00E-04	7.10E-05	8.02E-06	4.38E-03	4.60E-04	4.86E-05	5.48E-06	4.39E-03	4.62E-04	1.44E-01	2.68E-02	2.28E-01	3.45E-02
674	Gridded	4.00E-03	4.56E-04	4.70E-06	4.90E-07	1.99E-03	2.30E-04	4.26E-03	4.89E-04	4.23E-03	4.85E-04	3.98E-03	4.55E-04	5.12E-03	5.97E-04	5.12E-03	5.97E-04	7.41E-03	8.45E-04	4.26E-03	4.89E-04	6.52E-05	6.79E-06	3.99E-03	4.56E-04	4.46E-05	4.65E-06	4.00E-03	4.57E-04	2.39E-01	2.68E-02	3.35E-01	3.63E-02
675	Gridded	8.17E-03	4.66E-04	8.61E-06	6.21E-07	4.11E-03	2.23E-04	8.75E-03	4.88E-04	8.67E-03	4.85E-04	8.14E-03	4.65E-04	1.06E-02	5.59E-04	1.06E-02	5.59E-04	1.51E-02	8.64E-04	8.75E-03	4.88E-04	1.19E-04	8.61E-06	8.16E-03	4.66E-04	8.17E-05	5.89E-06	8.18E-03	4.66E-04	3.54E-01	2.66E-02	4.15E-01	4.38E-02
676	Gridded	1.08E-02	5.19E-04	9.41E-06	6.14E-07	5.28E-03	2.57E-04	1.14E-02	5.52E-04	1.13E-02	5.47E-04	1.07E-02	5.17E-04	1.35E-02	6.60E-04	1.35E-02	6.60E-04	2.00E-02	9.61E-04	1.14E-02	5.52E-04	1.30E-04	8.51E-06	1.08E-02	5.18E-04	8.93E-05	5.82E-06	1.08E-02	5.19E-04	3.61E-01	2.81E-02	3.43E-01	4.30E-02
677	Gridded	7.66E-03	4.72E-04	5.91E-06	5.89E-07	3.67E-03	2.44E-04	8.04E-03	5.11E-04	7.98E-03	5.06E-04	7.64E-03	4.69E-04	9.25E-03	6.40E-04	9.25E-03	6.40E-04	1.42E-02	8.73E-04	8.04E-03	5.11E-04	8.19E-05	8.17E-06	7.65E-03	4.71E-04	5.60E-05	5.59E-06	7.67E-03	4.72E-04	2.31E-01	3.04E-02	3.47E-01	4.90E-02
678	Gridded	4.36E-03	5.14E-04	4.69E-06	5.58E-07	2.20E-03	2.59E-04	4.68E-03	5.51E-04	4.63E-03	5.46E-04	4.34E-03	5.12E-04	5.70E-03	6.72E-04	5.70E-03	6.72E-04	8.07E-03	9.53E-04	4.68E-03	5.51E-04	6.51E-05	7.74E-06	4.35E-03	5.13E-04	4.46E-05	5.30E-06	4.36E-03	5.15E-04	2.48E-01	3.93E-02	4.02E-01	6.28E-02
679	Gridded	5.25E-03	5.23E-04	5.57E-06	6.07E-07	2.38E-03	2.67E-04	5.37E-03	5.64E-04	5.35E-03	5.58E-04	5.24E-03	5.21E-04	5.96E-03	6.97E-04	5.96E-03	6.97E-04	9.74E-03	9.69E-04	5.37E-03	5.64E-04	7.73E-05	8.42E-06	5.25E-03	5.22E-04	5.29E-05	5.76E-06	5.25E-03	5.24E-04	2.69E-01	4.53E-02	4.78E-01	7.78E-02
680	Gridded	5.73E-03	8.90E-04	5.71E-06	8.95E-07	2.85E-03	4.45E-04	6.10E-03	9.51E-04	6.05E-03	9.42E-04	5.71E-03	8.87E-04	7.33E-03	1.15E-03	7.33E-03	1.15E-03	1.06E-02	1.65E-03	6.10E-03	9.51E-04	7.91E-05	1.24E-05	5.72E-03	8.89E-04	5.42E-05	8.49E-06	5.73E-03	8.91E-04	2.73E-01	4.98E-02	5.27E-01	8.46E-02
681	Gridded	6.99E-03	6.06E-04	7.26E-06	6.12E-07	3.51E-03	3.03E-04	7.48E-03	6.47E-04	7.42E-03	6.41E-04	6.97E-03	6.03E-04	9.07E-03	7.81E-04	9.07E-03	7.81E-04	1.30E-02	1.12E-03	7.48E-03	6.47E-04	1.01E-04	8.49E-06	6.98E-03	6.05E-04	6.88E-05	5.81E-06	7.00E-03	6.06E-04	2.99E-01	3.68E-02	5.05E-01	5.55E-02
682	Gridded	4.49E-03	4.19E-04	5.28E-06	7.88E-07	2.20E-03	2.28E-04	4.75E-03	4.55E-04	4.71E-03	4.47E-04	4.47E-03	4.18E-04	5.74E-03	6.27E-04	5.74E-03	6.27E-04	8.31E-03	7.77E-04	4.75E-03	4.55E-04	7.32E-05	1.09E-05	4.48E-03	4.19E-04	5.01E-05	7.48E-06	4.49E-03	4.20E-04	2.34E-01	2.51E-02	3.09E-01	3.50E-02
683	Gridded	4.88E-03	6.11E-04	5.82E-06	1.01E-06	2.19E-03	3.09E-04	4.97E-03	6.57E-04	4.96E-03	6.50E-04	4.87E-03	6.09E-04	5.27E-03	8.04E-04	5.27E-03	8.04E-04	9.05E-03	1.13E-03	4.97E-03	6.57E-04	8.08E-05	1.40E-05	4.87E-03	6.10E-04	5.53E-05	9.59E-06	4.88E-03	6.12E-04	2.28E-01	3.14E-02	3.81E-01	5.09E-02
684	Gridded	7.07E-03	7.80E-04	6.15E-06	8.44E-07	3.43E-03	3.94E-04	7.45E-03	8.37E-04	7.40E-03	8.29E-04	7.05E-03	7.77E-04	8.68E-03	1.02E-03	8.68E-03	1.02E-03	1.31E-02	1.44E-03	7.45E-03	8.37E-04	8.52E-05	1.17E-05	7.06E-03	7.79E-04	5.83E-05	8.01E-06	7.08E-03	7.81E-04	2.37E-01	2.50E-02	3.78E-01	3.77E-02
685	Gridded	7.03E-03	9.12E-04	6.82E-06	3.95E-07	3.11E-03	4.07E-04	7.12E-03	9.27E-04	7.11E-03	9.25E-04	7.02E-03	9.11E-04	7.43E-03	9.77E-04	7.43E-03	9.77E-04	1.30E-02	1.69E-03	7.12E-03	9.27E-04	9.46E-05	5.48E-06	7.02E-03	9.12E-04	6.47E-05	3.75E-06	7.03E-03	9.13E-04	2.94E-01	2.20E-02	4.26E-01	3.39E-02
686	Gridded	5.80E-03	4.50E-04	6.67E-06	4.79E-07	2.84E-03	2.27E-04	6.14E-03	4.82E-04	6.09E-03	4.78E-04	5.78E-03	4.48E-04	7.25E-03	5.87E-04	7.25E-03	5.87E-04	1.08E-02	8.34E-04	6.14E-03	4.82E-04	9.25E-05	6.65E-06	5.80E-03	4.49E-04	6.33E-05	4.55E-06	5.81E-03	4.50E-04	2.32E-01	2.44E-02	3.79E-01	2.89E-02
687	Gridded	5.08E-03	4.13E-04	5.45E-06	4.93E-07	2.54E-03	2.12E-04	5.43E-03	4.46E-04	5.38E-03	4.41E-04	5.06E-03	4.11E-04	6.55E-03	5.54E-04	6.55E-03	5.54E-04	9.42E-03	7.64E-04	5.43E-03	4.46E-04	7.56E-05	6.84E-06	5.08E-03	4.12E-04	5.17E-05	4.68E-06	5.09E-03	4.13E-04	2.49E-01	2.27E-02	3.21E-01	2.94E-02
688	Gridded	4.85E-03	4.24E-04	6.04E-06	5.18E-07	2.41E-03	2.17E-04	5.17E-03	4.58E-04	5.12E-03	4.53E-04	4.83E-03	4.22E-04	6.21E-03	5.67E-04	6.21E-03	5.67E-04	8.98E-03	7.85E-04	5.17E-03	4.58E-04	8.38E-05	7.18E-06	4.84E-03	4.23E-04	5.73E-05	4.91E-06	4.85E-03	4.24E-04	2.12E-01	2.98E-02	3.65E-01	4.06E-02
689	Gridded	4.00E-03	4.42E-04	5.67E-06	5.58E-07	2.09E-03	2.26E-04	4.32E-03	4.76E-04	4.27E-03	4.72E-04	3.98E-03	4.40E-04	5.56E-03	5.89E-04	5.56E-03	5.89E-04	7.41E-03	8.18E-04	4.32E-03	4.76E-04	7.87E-05	7.75E-06	3.99E-03	4.41E-04	5.38E-05	5.30E-06	4.00E-03	4.42E-04	2.09E-01	3.08E-02	3.44E-01	4.29E-02
690	Gridded	4.96E-03	5.44E-04	4.73E-06	5.08E-07	2.46E-03	2.64E-04	5.28E-03	5.74E-04	5.24E-03	5.70E-04	4.95E-03	5.43E-04	6.32E-03	6.71E-04	6.32E-03	6.71E-04	9.20E-03	1.01E-03	5.28E-03	5.74E-04	6.55E-05	7.05E-06	4.96E-03	5.44E-04	4.48E-05	4.82E-06	4.97E-03	5.45E-04	2.24E-01	2.72E-02	5.18E-01	4.79E-02
691	Gridded	6.54E-03	3.92E-04	4.03E-06	4.12E-07	3.09E-03	1.97E-04	6.81E-03	4.20E-04	6.77E-03	4.16E-04	6.52E-03	3.91E-04	7.69E-03	5.10E-04	7.69E-03	5.10E-04	1.21E-02	7.26E-04	6.81E-03	4.20E-04	5.58E-05	5.72E-06	6.53E-03	3.91E-04	3.82E-05	3.91E-06	6.54E-03	3.92E-04	2.23E-01	2.13E-02	5.41E-01	5.29E-02
692	Gridded	5.91E-03	4.36E-04	3.88E-06	4.84E-07	2.67E-03	2.21E-04	6.04E-03	4.69E-04	6.02E-03	4.64E-04	5.90E-03	4.34E-04	6.49E-03	5.75E-04	6.49E-03	5.75E-04	1.10E-02	8.08E-04	6.04E-03	4.69E-04	5.38E-05	6.71E-06	5.90E-03	4.35E-04	3.68E-05	4.59E-06	5.91E-03	4.36E-04	1.75E-01	2.22E-02	4.69E-01	4.48E-02
693	Gridded	3.26E-03	4.87E-04	3.86E-06	4.64E-07	1.65E-03	2.42E-04	3.48E-03	5.19E-04	3.45E-03	5.14E-04	3.24E-03	4.86E-04	4.32E-03	6.20E-04	4.32E-03	6.20E-04	6.03E-03	9.03E-04	3.48E-03	5.19E-04	5.35E-05	6.44E-06	3.25E-03	4.87E-04	3.66E-05	4.41E-06	3.26E-03	4.88E-04	1.57E-01	2.37E-02	4.21E-01	3.83E-02
694	Gridded	3.39E-03	3.33E-04	3.51E-06	4.07E-07	1.67E-03	1.69E-04	3.55E-03	3.54E-04	3.51E-03	3.50E-04	3.38E-03	3.32E-04	4.32E-03	4.43E-04	4.32E-03	4.43E-04	6.29E-03	6.17E-04	3.55E-03	3.54E-04	4.87E-05	5.65E-06	3.39E-03	3.32E-04	3.33E-05	3.86E-06	3.39E-03	3.33E-04	1.46E-01	2.47E-02	4.16E-01	4.04E-02
695	Gridded	3.46E-03	3.88E-04	4.05E-06	3.98E-07	1.77E-03	1.94E-04	3.73E-03	4.15E-04	3.69E-03	4.11E-04	3.44E-03	3.87E-04	4.62E-03	5.02E-04	4.62E-03	5.02E-04	6.40E-03	7.19E-04	3.73E-03	4.15E-04	5.61E-05	5.51E-06	3.45E-03	3.88E-04	3.84E-05	3.77E-06	3.46E-03	3.89E-04	1.68E-01	2.48E-02	5.82E-01	4.55E-02
696	Gridded	4.56E-03	4.25E-04	5.02E-06	4.61E-07	2.22E-03	2.15E-04	4.81E-03	4.56E-04	4.78E-03	4.51E-04	4.55E-03	4.23E-04	5.63E-03	5.57E-04	5.63E-03	5.57E-04	8.45E-03	7.87E-04	4.81E-03	4.56E-04	6.97E-05	6.40E-06	4.56E-03	4.24E-04	4.77E-05	4.38E-06	4.56E-03	4.25E-04	1.95E-01	2.57E-02	6.10E-01	4.12E-02
697	Gridded	4.38E-03	5.00E-04	5.47E-06	4.76E-07	2.07E-03	2.48E-04	4.57E-03	5.32E-04	4.54E-03	5.28E-04	4.37E-03	4.98E-04	5.18E-03	6.37E-04	5.18E-03	6.37E-04	8.12E-03	9.27E-04	4.57E-03	5.32E-04	7.58E-05	6.60E-06	4.38E-03	5.00E-04	5.19E-05	4.51E-06	4.38E-03	5.01E-04	2.28E-01	2.37E-02	3.38E-01	2.72E-02
698	Gridded	3.97E-03	4.39E-04	4.90E-06	4.97E-07	1.92E-03	2.14E-04	4.19E-03	4.64E-04	4.16E-03	4.60E-04	3.96E-03	4.38E-04	4.87E-03	5.45E-04	4.87E-03	5.45E-04	7.37E-03	8.13E-04	4.19E-03	4.64E-04	6.79E-05	6.89E-06	3.97E-03	4.38E-04	4.65E-05	4.71E-06	3.98E-03	4.39E-04	1.72E-01	2.07E-02	3.22E-01	3.60E-02
699	Gridded	3.42E-03	3.25E-04	5.90E-06	7.08E-07	1.76E-03	1.71E-04	3.66E-03	3.51E-04	3.61E-03	3.47E-04	3.41E-03	3.23E-04	4.67E-03	4.67E-04	4.67E-03	4.67E-04	6.34E-03	6.01E-04	3.66E-03	3.51E-04	8.18E-05	9.81E-06	3.41E-03	3.24E-04	5.60E-05	6.71E-06	3.42E-03	3.25E-04	1.72E-01	2.46E-02	3.58E-01	3.77E-02
700	Gridded	4.57E-03	5.53E-04	6.27E-06	6.25E-07	2.31E-03	2.77E-04	4.91E-03	5.92E-04	4.86E-03	5.86E-04	4.55E-03	5.51E-04	6.01E-03	7.17E-04	6.01E-03	7.17E-04	8.46E-03	1.03E-03	4.91E-03	5.92E-04	8.69E-05	8.67E-06	4.56E-03	5.52E-04	5.95E-05	5.93E-06	4.57E-03	5.54E-04	2.50E-01	3.11E-02	3.18E-01	3.61E-02
701	Gridded	4.39E-03	6.76E-04	5.32E-06	5.99E-07	2.26E-03	3.31E-04	4.75E-03	7.16E-04	4.70E-03	7.10E-04	4.37E-03	6.74E-04	5.92E-03	8.46E-04	5.92E-03	8.46E-04	8.13E-03	1.25E-03	4.75E-03	7.16E-04	7.37E-05	8.31E-06	4.38E-03	6.75E-04	5.04E-05	5.68E-06	4.40E-03	6.76E-04	2.50E-01	3.60E-02	3.51E-01	4.10E-02
702	Gridded	4.70E-03	8.57E-04	4.47E-06	8.02E-07	2.32E-03	4.24E-04	4.98E-03	9.11E-04	4.94E-03	9.03E-04	4.68E-03	8.54E-04	5.92E-03	1.09E-03	5.92E-03	1.09E-03	8.70E-03	1.59E-03	4.98E-03	9.11E-04	6.20E-05	1.11E-05	4.69E-03	8.55E-04	4.24E-05	7.61E-06	4.70E-03	8.57E-04	2.44E-01	4.61E-02	3.26E-01	4.76E-02
703	Gridded	4.57E-03	8.05E-04	4.13E-06	6.77E-07	2.25E-03	3.91E-04	4.84E-03	8.48E-04	4.81E-03	8.42E-04	4.55E-03	8.02E-04	5.73E-03	9.91E-04	5.73E-03	9.91E-04	8.47E-03	1.49E-03	4.84E-03	8.48E-04	5.73E-05	9.39E-06	4.56E-03	8.04E-04	3.92E-05	6.42E-06	4.57E-03	8.05E-04	2.53E-01	4.27E-02	2.82E-01	4.81E-02
704	Gridded	5.28E-03	5.64E-04	5.14E-06	6.81E-07	2.62E-03	2.89E-04	5.62E-03	6.08E-04	5.57E-03	6.01E-04	5.26E-03	5.63E-04	6.75E-03	7.57E-04	6.75E-03	7.57E-04	9.78E-03	1.05E-03	5.62E-03	6.08E-04	7.12E-05	9.45E-06	5.27E-03	5.64E-04	4.87E-05	6.47E-06	5.28E-03	5.65E-04	2.10E-01	4.01E-02	3.00E-01	5.08E-02
705	Gridded	4.44E-03	6.80E-04	4.73E-06	6.80E-07	2.24E-03	3.40E-04	4.76E-03	7.26E-04	4.72E-03	7.20E-04	4.43E-03	6.78E-04	5.80E-03	8.75E-04	5.80E-03	8.75E-04	8.23E-03	1.26E-03	4.76E-03	7.26E-04	6.56E-05	9.43E-06	4.44E-03	6.79E-04	4.49E-05	6.45E-06	4.45E-03	6.81E-04	2.03E-01	4.91E-02	2.94E-01	5.30E-02
706	Gridded	4.09E-03	8.26E-04	4.05E-06	9.48E-07	2.01E-03	4.21E-04	4.34E-03	8.90E-04	4.30E-03	8.81E-04	4.08E-03	8.23E-04	5.13E-03	1.10E-03	5.13E-03	1.10E-03	7.58E-03	1.53E-03	4.34E-03	8.90E-04	5.62E-05	1.31E-05	4.09E-03	8.25E-04	3.85E-05	9.00E-06	4.09E-03	8.27E-04	2.61E-01	5.87E-02	4.26E-01	6.00E-02
707	Gridded	4.38E-03	1.00E-03	4.89E-06	1.08E-06	2.22E-03	5.06E-04	4.71E-03	1.08E-03	4.67E-03	1.07E-03	4.37E-03	1.00E-03	5.78E-03	1.31E-03	5.78E-03	1.31E-03	8.12E-03	1.86E-03	4.71E-03	1.08E-03	6.78E-05	1.50E-05	4.38E-03	1.00E-03	4.64E-05	1.02E-05	4.39E-03	1.00E-03	2.32E-01	5.39E-02	5.35E-01	4.92E-02
708	Gridded	4.15E-03	9.23E-04	4.20E-06	8.63E-07	2.02E-03	4.57E-04	4.38E-03	9.81E-04	4.35E-03	9.73E-04	4.14E-03	9.20E-04	5.13E-03	1.17E-03	5.13E-03	1.17E-03	7.70E-03	1.71E-03	4.38E-03	9.81E-04	5.83E-05	1.20E-05	4.15E-03	9.22E-04	3.99E-05	8.19E-06	4.16E-03	9.24E-04	1.99E-01	4.55E-02	3.54E-01	6.21E-02
709	Gridded	4.42E-03	7.46E-04	3.35E-06	6.99E-07	2.12E-03	3.69E-04	4.64E-03	7.93E-04	4.61E-03	7.87E-04	4.41E-03	7.44E-04	5.34E-03	9.46E-04	5.34E-03	9.46E-04	8.20E-03	1.38E-03	4.64E-03	7.93E-04	4.65E-05	9.69E-06	4.42E-03	7.45E-04	3.18E-05	6.63E-06	4.43E-03	7.47E-04	2.02E-01	5.50E-02	2.60E-01	7.21E-02
710	Gridded	4.35E-03	1.04E-03	3.74E-06	8.79E-07	2.13E-03	5.10E-04	4.60E-03	1.10E-03	4.57E-03	1.10E-03	4.34E-03	1.04E-03	5.42E-03	1.30E-03	5.42E-03	1.30E-03	8.07E-03	1.94E-03	4.60E-03	1.10E-03	5.19E-05	1.22E-05	4.35E-03	1.04E-03	3.55E-05	8.34E-06	4.35E-03	1.04E-03	2.13E-01	6.27E-02	3.31E-01	9.45E-02
711	Gridded	4.64E-03	1.25E-03	4.17E-06	1.21E-06	2.28E-03	6.10E-04	4.92E-03	1.32E-03	4.88E-03	1.31E-03	4.62E-03	1.25E-03	5.83E-03	1.55E-03	5.83E-03	1.55E-03	8.60E-03	2.32E-03	4.92E-03	1.32E-03	5.79E-05	1.68E-05	4.63E-03	1.25E-03	3.96E-05	1.15E-05	4.64E-03	1.25E-03	2.57E-01	8.43E-02	3.79E-01	1.17E-01
712	Gridded	4.31E-03	1.22E-03	4.79E-06	1.47E-06	2.18E-03	5.98E-04	4.63E-03	1.29E-03	4.59E-03	1.28E-03	4.29E-03	1.22E-03	5.68E-03	1.57E-03	5.68E-03	1.57E-03	7.98E-03	2.27E-03	4.63E-03	1.29E-03	6.65E-05	2.04E-05	4.30E-03	1.22E-03	4.55E-05	1.40E-05	4.31E-03	1.22E-03	2.42E-01	8.40E-02	3.11E-01	9.99E-02
713	Gridded	5.02E-03	1.43E-03	4.79E-06	1.60E-06	2.49E-03	7.25E-04	5.35E-03	1.54E-03	5.30E-03	1.52E-03	5.00E-03	1.42E-03	6.40E-03	1.89E-03	6.40E-03	1.89E-03	9.30E-03	2.65E-03	5.35E-03	1.54E-03	6.65E-05	2.22E-05	5.01E-03	1.43E-03	4.55E-05	1.52E-05	5.03E-03	1.43E-03	2.20E-01	7.76E-02	2.88E-01	8.06E-02
714	Gridded	6.94E-03	2.31E-03	8.09E-06	2.12E-06	3.50E-03	1.14E-03	7.44E-03	2.45E-03	7.37E-03	2.43E-03	6.91E-03	2.30E-03	9.07E-03	2.92E-03	9.07E-03	2.92E-03	1.29E-02	4.28E-03	7.44E-03	2.45E-03	1.12E-04	2.94E-05	6.93E-03	2.31E-03	7.68E-05	2.01E-05	6.94E-03	2.31E-03	3.56E-01	9.33E-02	4.02E-01	1.22E-01
715	Gridded	2.59E-03	4.78E-04	3.17E-06	4.55E-07	1.20E-03	2.37E-04	2.68E-03	5.08E-04	2.67E-03	5.04E-04	2.59E-03	4.76E-04	2.98E-03	6.08E-04	2.98E-03	6.08E-04	4.81E-03	8.85E-04	2.68E-03	5.08E-04	4.40E-05	6.31E-06	2.59E-03	4.77E-04	3.01E-05	4.32E-06	2.59E-03	4.78E-04	1.02E-01	1.97E-02	2.28E-01	2.78E-02
716	Gridded	2.77E-03	4.75E-04	3.27E-06	4.31E-07	1.40E-03	2.34E-04	2.97E-03	5.04E-04	2.94E-03	5.00E-04	2.76E-03	4.73E-04	3.63E-03	5.98E-04	3.63E-03	5.98E-04	5.13E-03	8.80E-04	2.97E-03	5.04E-04	4.53E-05	5.97E-06	2.77E-03	4.74E-04	3.10E-05	4.09E-06	2.77E-03	4.75E-04	1.07E-01	1.97E-02	2.44E-01	3.06E-02
717	Gridded	3.97E-03	4.57E-04	4.36E-06	4.41E-07	2.01E-03	2.23E-04	4.27E-03	4.83E-04	4.23E-03	4.80E-04	3.96E-03	4.55E-04	5.22E-03	5.69E-04	5.22E-03	5.69E-04	7.36E-03	8.47E-04	4.27E-03	4.83E-04	6.04E-05	6.12E-06	3.97E-03	4.56E-04	4.13E-05	4.19E-06	3.98E-03	4.57E-04	1.47E-01	2.00E-02	2.02E-01	2.95E-02
718	Gridded	5.10E-03	4.44E-04	5.39E-06	5.90E-07	2.57E-03	2.16E-04	5.46E-03	4.69E-04	5.41E-03	4.65E-04	5.08E-03	4.42E-04	6.64E-03	5.49E-04	6.64E-03	5.49E-04	9.45E-03	8.22E-04	5.46E-03	4.69E-04	7.48E-05	8.18E-06	5.09E-03	4.43E-04	5.12E-05	5.60E-06	5.10E-03	4.44E-04	1.91E-01	2.43E-02	1.84E-01	3.23E-02
719	Gridded	5.48E-03	4.88E-04	5.41E-06	7.12E-07	2.73E-03	2.60E-04	5.84E-03	5.36E-04	5.79E-03	5.30E-04	5.46E-03	4.86E-04	7.03E-03	6.92E-04	7.03E-03	6.92E-04	1.01E-02	9.04E-04	5.84E-03	5.36E-04	7.51E-05	9.87E-06	5.47E-03	4.87E-04	5.14E-05	6.75E-06	5.48E-03	4.89E-04	1.92E-01	2.78E-02	1.83E-01	3.68E-02
720	Gridded	5.06E-03	6.33E-04	4.72E-06	7.16E-07	2.50E-03	3.22E-04	5.37E-03	6.81E-04	5.33E-03	6.74E-04	5.04E-03	6.30E-04	6.41E-03	8.38E-04	6.41E-03	8.38E-04	9.37E-03	1.17E-03	5.37E-03	6.81E-04	6.54E-05	9.93E-06	5.05E-03	6.32E-04	4.48E-05	6.80E-06	5.06E-03	6.34E-04	1.51E-01	2.95E-02	1.87E-01	3.88E-02
721	Gridded	4.21E-03	6.80E-04	3.77E-06	6.00E-07	2.07E-03	3.33E-04	4.46E-03	7.20E-04	4.42E-03	7.14E-04	4.19E-03	6.78E-04	5.29E-03	8.48E-04	5.29E-03	8.48E-04	7.79E-03	1.26E-03	4.46E-03	7.20E-04	5.23E-05	8.32E-06	4.20E-03	6.79E-04	3.58E-05	5.69E-06	4.21E-03	6.81E-04	1.35E-01	3.25E-02	2.21E-01	4.70E-02
722	Gridded	3.46E-03	6.01E-04	4.00E-06	5.87E-07	1.68E-03	2.92E-04	3.64E-03	6.28E-04	3.62E-03	6.24E-04	3.45E-03	5.99E-04	4.28E-03	7.53E-04	4.28E-03	7.53E-04	6.42E-03	1.11E-03	3.64E-03	6.28E-04	5.55E-05	8.14E-06	3.46E-03	6.00E-04	3.80E-05	5.57E-06	3.46E-03	6.01E-04	1.54E-01	3.46E-02	2.33E-01	5.35E-02
723	Gridded	4.08E-03	6.06E-04	4.21E-06	6.15E-07	2.03E-03	3.03E-04	4.33E-03	6.47E-04	4.29E-03	6.41E-04	4.07E-03	6.03E-04	5.25E-03	7.82E-04	5.25E-03	7.82E-04	7.56E-03	1.12E-03	4.33E-03	6.47E-04	5.85E-05	8.52E-06	4.08E-03	6.05E-04	4.00E-05	5.83E-06	4.08E-03	6.06E-04	1.84E-01	3.28E-02	2.47E-01	5.09E-02
724	Gridded	4.37E-03	5.17E-04	5.24E-06	6.43E-07	2.11E-03	2.58E-04	4.59E-03	5.52E-04	4.56E-03	5.47E-04	4.36E-03	5.15E-04	5.56E-03	6.69E-04	5.56E-03	6.69E-04	8.10E-03	9.59E-04	4.59E-03	5.52E-04	7.27E-05	8.92E-06	4.37E-03	5.17E-04	4.97E-05	6.10E-06	4.37E-03	5.18E-04	1.90E-01	2.95E-02	2.40E-01	3.94E-02
725	Gridded	4.88E-03	5.00E-04	5.60E-06	6.37E-07	2.49E-03	2.59E-04	5.26E-03	5.43E-04	5.21E-03	5.37E-04	4.86E-03	4.97E-04	6.49E-03	6.82E-04	6.49E-03	6.82E-04	9.04E-03	9.25E-04	5.26E-03	5.43E-04	7.77E-05	8.84E-06	4.87E-03	4.99E-04	5.31E-05	6.05E-06	4.89E-03	5.00E-04	1.64E-01	2.97E-02	2.52E-01	3.91E-02
726	Gridded	4.85E-03	5.47E-04	5.09E-06	6.07E-07	2.41E-03	2.77E-04	5.17E-03	5.88E-04	5.13E-03	5.82E-04	4.83E-03	5.44E-04	6.21E-03	7.21E-04	6.21E-03	7.21E-04	8.99E-03	1.01E-03	5.17E-03	5.88E-04	7.06E-05	8.42E-06	4.84E-03	5.46E-04	4.83E-05	5.76E-06	4.85E-03	5.47E-04	2.56E-01	3.13E-02	3.66E-01	4.19E-02
727	Gridded	8.83E-03	5.22E-04	9.62E-06	6.93E-07	4.47E-03	2.51E-04	9.48E-03	5.49E-04	9.39E-03	5.45E-04	8.80E-03	5.21E-04	1.16E-02	6.35E-04	1.16E-02	6.35E-04	1.64E-02	9.68E-04	9.48E-03	5.49E-04	1.33E-04	9.60E-06	8.82E-03	5.22E-04	9.13E-05	6.57E-06	8.84E-03	5.22E-04	3.90E-01	3.05E-02	4.67E-01	4.75E-02
728	Gridded	1.18E-02	5.68E-04	1.05E-05	6.21E-07	5.82E-03	2.82E-04	1.26E-02	6.05E-04	1.25E-02	6.00E-04	1.18E-02	5.66E-04	1.49E-02	7.25E-04	1.49E-02	7.25E-04	2.20E-02	1.05E-03	1.26E-02	6.05E-04	1.46E-04	8.61E-06	1.18E-02	5.68E-04	9.96E-05	5.89E-06	1.19E-02	5.69E-04	3.95E-01	3.07E-02	3.77E-01	4.78E-02
729	Gridded	8.37E-03	4.86E-04	5.88E-06	6.08E-07	4.00E-03	2.51E-04	8.77E-03	5.27E-04	8.71E-03	5.22E-04	8.35E-03	4.84E-04	1.01E-02	6.61E-04	1.01E-02	6.61E-04	1.55E-02	9.01E-04	8.77E-03	5.27E-04	8.15E-05	8.44E-06	8.36E-03	4.86E-04	5.58E-05	5.77E-06	8.38E-03	4.87E-04	2.46E-01	3.46E-02	3.86E-01	5.61E-02
730	Gridded	4.92E-03	5.23E-04	5.03E-06	5.75E-07	2.44E-03	2.65E-04	5.20E-03	5.61E-04	5.16E-03	5.56E-04	4.92E-03	5.20E-04	6.31E-03	6.87E-04	6.31E-03	6.87E-04	9.14E-03	9.68E-04	5.20E-03	5.61E-04	6.98E-05	7.97E-06	4.92E-03	5.22E-04	4.78E-05	5.45E-06	4.93E-03	5.23E-04	2.78E-01	4.46E-02	4.76E-01	7.37E-02
731	Gridded	5.80E-03	7.49E-04	6.15E-06	7.90E-07	2.85E-03	3.77E-04	6.05E-03	8.02E-04	5.99E-03	7.95E-04	5.79E-03	7.46E-04	7.40E-03	9.75E-04	7.40E-03	9.75E-04	1.08E-02	1.39E-03	6.05E-03	8.02E-04	8.53E-05	1.10E-05	5.79E-03	7.48E-04	5.84E-05	7.50E-06	5.80E-03	7.49E-04	2.47E-01	5.12E-02	5.30E-01	8.96E-02
732	Gridded	5.43E-03	7.86E-04	6.14E-06	7.75E-07	2.71E-03	3.92E-04	5.76E-03	8.38E-04	5.72E-03	8.31E-04	5.41E-03	7.83E-04	7.07E-03	1.01E-03	7.07E-03	1.01E-03	1.01E-02	1.46E-03	5.76E-03	8.38E-04	8.52E-05	1.07E-05	5.42E-03	7.85E-04	5.83E-05	7.35E-06	5.43E-03	7.86E-04	3.26E-01	4.74E-02	5.62E-01	7.96E-02
733	Gridded	6.53E-03	4.74E-04	6.24E-06	7.98E-07	3.24E-03	2.37E-04	6.95E-03	5.06E-04	6.89E-03	5.02E-04	6.51E-03	4.72E-04	8.32E-03	6.35E-04	8.32E-03	6.35E-04	1.21E-02	8.77E-04	6.95E-03	5.06E-04	8.66E-05	1.11E-05	6.52E-03	4.73E-04	5.93E-05	7.57E-06	6.54E-03	4.74E-04	2.67E-01	2.87E-02	3.53E-01	3.81E-02
734	Gridded	5.17E-03	5.95E-04	6.91E-06	9.54E-07	2.55E-03	3.18E-04	5.49E-03	6.55E-04	5.44E-03	6.47E-04	5.15E-03	5.91E-04	6.53E-03	8.52E-04	6.53E-03	8.52E-04	9.57E-03	1.10E-03	5.49E-03	6.55E-04	9.59E-05	1.32E-05	5.16E-03	5.94E-04	6.56E-05	9.05E-06	5.17E-03	5.96E-04	2.31E-01	3.28E-02	4.31E-01	4.88E-02
735	Gridded	6.86E-03	9.24E-04	8.00E-06	1.16E-06	3.42E-03	4.37E-04	7.30E-03	9.63E-04	7.23E-03	9.58E-04	6.85E-03	9.22E-04	8.85E-03	1.09E-03	8.85E-03	1.09E-03	1.27E-02	1.71E-03	7.30E-03	9.63E-04	1.11E-04	1.61E-05	6.86E-03	9.23E-04	7.59E-05	1.10E-05	6.87E-03	9.25E-04	2.75E-01	3.34E-02	4.34E-01	5.45E-02
736	Gridded	7.37E-03	1.09E-03	6.78E-06	5.02E-07	3.36E-03	4.95E-04	7.57E-03	1.11E-03	7.54E-03	1.11E-03	7.36E-03	1.08E-03	8.20E-03	1.21E-03	8.20E-03	1.21E-03	1.37E-02	2.01E-03	7.57E-03	1.11E-03	9.41E-05	6.96E-06	7.37E-03	1.09E-03	6.44E-05	4.77E-06	7.38E-03	1.09E-03	3.41E-01	2.57E-02	5.47E-01	4.16E-02
737	Gridded	6.51E-03	4.60E-04	7.57E-06	5.24E-07	3.24E-03	2.34E-04	6.94E-03	4.95E-04	6.88E-03	4.90E-04	6.49E-03	4.58E-04	8.32E-03	6.10E-04	8.32E-03	6.10E-04	1.21E-02	8.52E-04	6.94E-03	4.95E-04	1.05E-04	7.26E-06	6.51E-03	4.59E-04	7.18E-05	4.97E-06	6.52E-03	4.60E-04	2.42E-01	2.68E-02	4.59E-01	3.42E-02
738	Gridded	5.42E-03	4.37E-04	5.86E-06	5.34E-07	2.66E-03	2.25E-04	5.68E-03	4.73E-04	5.63E-03	4.68E-04	5.41E-03	4.35E-04	6.89E-03	5.90E-04	6.89E-03	5.90E-04	1.01E-02	8.09E-04	5.68E-03	4.73E-04	8.13E-05	7.40E-06	5.41E-03	4.36E-04	5.56E-05	5.07E-06	5.42E-03	4.37E-04	2.62E-01	2.46E-02	3.40E-01	3.20E-02
739	Gridded	5.11E-03	4.40E-04	6.17E-06	5.39E-07	2.53E-03	2.26E-04	5.43E-03	4.76E-04	5.39E-03	4.71E-04	5.09E-03	4.38E-04	6.49E-03	5.93E-04	6.49E-03	5.93E-04	9.46E-03	8.15E-04	5.43E-03	4.76E-04	8.56E-05	7.48E-06	5.10E-03	4.39E-04	5.85E-05	5.12E-06	5.11E-03	4.41E-04	2.22E-01	3.26E-02	4.35E-01	4.50E-02
740	Gridded	4.59E-03	4.95E-04	5.65E-06	6.29E-07	2.26E-03	2.53E-04	4.87E-03	5.34E-04	4.83E-03	5.28E-04	4.58E-03	4.93E-04	5.93E-03	6.61E-04	5.93E-03	6.61E-04	8.51E-03	9.16E-04	4.87E-03	5.34E-04	7.84E-05	8.73E-06	4.59E-03	4.94E-04	5.37E-05	5.97E-06	4.60E-03	4.95E-04	2.47E-01	3.49E-02	3.86E-01	4.89E-02
741	Gridded	6.02E-03	6.07E-04	5.28E-06	5.91E-07	2.95E-03	2.92E-04	6.38E-03	6.37E-04	6.33E-03	6.33E-04	6.00E-03	6.05E-04	7.53E-03	7.37E-04	7.53E-03	7.37E-04	1.12E-02	1.12E-03	6.38E-03	6.37E-04	7.33E-05	8.19E-06	6.01E-03	6.06E-04	5.01E-05	5.60E-06	6.03E-03	6.07E-04	2.51E-01	3.12E-02	6.51E-01	6.87E-02
742	Gridded	7.75E-03	4.50E-04	4.49E-06	4.72E-07	3.64E-03	2.26E-04	8.05E-03	4.82E-04	8.01E-03	4.78E-04	7.73E-03	4.48E-04	9.03E-03	5.85E-04	9.03E-03	5.85E-04	1.44E-02	8.34E-04	8.05E-03	4.82E-04	6.22E-05	6.55E-06	7.74E-03	4.50E-04	4.26E-05	4.48E-06	7.75E-03	4.51E-04	2.72E-01	2.68E-02	6.64E-01	6.41E-02
743	Gridded	5.54E-03	5.23E-04	4.28E-06	5.49E-07	2.49E-03	2.63E-04	5.65E-03	5.60E-04	5.63E-03	5.55E-04	5.54E-03	5.21E-04	6.00E-03	6.81E-04	6.00E-03	6.81E-04	1.03E-02	9.69E-04	5.65E-03	5.60E-04	5.94E-05	7.62E-06	5.54E-03	5.22E-04	4.06E-05	5.21E-06	5.54E-03	5.24E-04	1.77E-01	2.76E-02	4.44E-01	4.86E-02
744	Gridded	4.19E-03	4.91E-04	4.03E-06	4.60E-07	2.07E-03	2.43E-04	4.45E-03	5.22E-04	4.41E-03	5.17E-04	4.17E-03	4.89E-04	5.30E-03	6.23E-04	5.30E-03	6.23E-04	7.76E-03	9.09E-04	4.45E-03	5.22E-04	5.58E-05	6.39E-06	4.18E-03	4.90E-04	3.82E-05	4.37E-06	4.19E-03	4.91E-04	1.94E-01	2.93E-02	5.06E-01	4.56E-02

Scenario 4 Results

745 Gridded	3.87E-03	4.12E-04	4.81E-06	4.92E-07	1.90E-03	2.11E-04	4.10E-03	4.46E-04	4.07E-03	4.41E-04	3.85E-03	4.11E-04	4.85E-03	5.53E-04	4.85E-03	5.53E-04	7.17E-03	7.64E-04	4.10E-03	4.46E-04	6.66E-05	6.82E-06	3.86E-03	4.12E-04	4.56E-05	4.67E-06	3.87E-03	4.13E-04	1.89E-01	3.02E-02	5.45E-01	5.18E-02
746 Gridded	4.59E-03	4.39E-04	5.00E-06	4.64E-07	2.32E-03	2.15E-04	4.93E-03	4.65E-04	4.88E-03	4.61E-04	4.57E-03	4.37E-04	6.02E-03	5.50E-04	6.02E-03	5.50E-04	8.50E-03	8.13E-04	4.93E-03	4.65E-04	6.94E-05	6.43E-06	4.58E-03	4.38E-04	4.75E-05	4.40E-06	4.59E-03	4.39E-04	2.10E-01	2.96E-02	7.50E-01	5.12E-02
747 Gridded	5.38E-03	5.30E-04	5.98E-06	5.37E-07	2.59E-03	2.65E-04	5.65E-03	5.66E-04	5.61E-03	5.61E-04	5.37E-03	5.28E-04	6.51E-03	6.84E-04	6.51E-03	6.84E-04	9.98E-03	9.82E-04	5.65E-03	5.66E-04	8.29E-05	7.44E-06	5.38E-03	5.29E-04	5.67E-05	5.09E-06	5.39E-03	5.31E-04	2.46E-01	2.73E-02	5.24E-01	3.48E-02
748 Gridded	4.41E-03	5.12E-04	6.00E-06	4.76E-07	2.08E-03	2.51E-04	4.58E-03	5.42E-04	4.56E-03	5.38E-04	4.40E-03	5.10E-04	5.31E-03	6.40E-04	5.31E-03	6.40E-04	8.18E-03	9.49E-04	4.58E-03	5.42E-04	8.33E-05	6.60E-06	4.41E-03	5.11E-04	5.70E-05	4.51E-06	4.41E-03	5.12E-04	1.95E-01	2.17E-02	3.67E-01	3.35E-02
749 Gridded	3.21E-03	3.57E-04	4.92E-06	6.63E-07	1.62E-03	1.73E-04	3.44E-03	3.76E-04	3.41E-03	3.73E-04	3.20E-03	3.56E-04	4.19E-03	4.40E-04	4.19E-03	4.40E-04	5.95E-03	6.61E-04	3.44E-03	3.76E-04	6.82E-05	9.19E-06	3.21E-03	3.56E-04	4.67E-05	6.29E-06	3.21E-03	3.57E-04	1.91E-01	2.52E-02	3.63E-01	4.13E-02
750 Gridded	4.51E-03	5.50E-04	6.87E-06	7.16E-07	2.29E-03	2.77E-04	4.85E-03	5.89E-04	4.80E-03	5.84E-04	4.49E-03	5.48E-04	5.96E-03	7.18E-04	5.96E-03	7.18E-04	8.35E-03	1.02E-03	4.85E-03	5.89E-04	9.53E-05	9.94E-06	4.50E-03	5.49E-04	6.52E-05	6.80E-06	4.51E-03	5.50E-04	2.56E-01	3.24E-02	3.48E-01	3.87E-02
751 Gridded	4.52E-03	7.12E-04	5.14E-06	6.33E-07	2.26E-03	3.50E-04	4.82E-03	7.54E-04	4.78E-03	7.48E-04	4.50E-03	7.09E-04	5.82E-03	8.93E-04	5.82E-03	8.93E-04	8.37E-03	1.32E-03	4.82E-03	7.54E-04	7.13E-05	8.78E-06	4.51E-03	7.11E-04	4.88E-05	6.01E-06	4.52E-03	7.12E-04	2.54E-01	3.85E-02	3.94E-01	4.30E-02
752 Gridded	4.73E-03	8.71E-04	5.23E-06	8.11E-07	2.38E-03	4.31E-04	5.05E-03	9.26E-04	5.00E-03	9.18E-04	4.71E-03	8.68E-04	6.20E-03	1.10E-03	6.20E-03	1.10E-03	8.77E-03	1.61E-03	5.05E-03	9.26E-04	7.25E-05	1.12E-05	4.72E-03	8.70E-04	4.96E-05	7.70E-06	4.73E-03	8.71E-04	2.51E-01	4.78E-02	3.77E-01	5.06E-02
753 Gridded	5.47E-03	8.54E-04	4.94E-06	7.07E-07	2.69E-03	4.14E-04	5.81E-03	9.01E-04	5.76E-03	8.94E-04	5.45E-03	8.52E-04	6.89E-03	1.05E-03	6.89E-03	1.05E-03	1.01E-02	1.58E-03	5.81E-03	9.01E-04	6.85E-05	9.80E-06	5.47E-03	8.53E-04	4.69E-05	6.71E-06	5.48E-03	8.55E-04	2.69E-01	4.59E-02	3.03E-01	5.37E-02
754 Gridded	5.07E-03	6.62E-04	5.82E-06	7.88E-07	2.45E-03	3.39E-04	5.34E-03	7.15E-04	5.30E-03	7.08E-04	5.05E-03	6.59E-04	6.21E-03	8.88E-04	6.21E-03	8.88E-04	9.40E-03	1.23E-03	5.34E-03	7.15E-04	8.08E-05	1.09E-05	5.06E-03	6.61E-04	5.53E-05	7.47E-06	5.07E-03	6.62E-04	2.07E-01	4.60E-02	3.42E-01	5.75E-02
755 Gridded	5.76E-03	8.35E-04	5.52E-06	8.30E-07	2.86E-03	4.14E-04	6.14E-03	8.88E-04	6.08E-03	8.81E-04	5.74E-03	8.32E-04	7.34E-03	1.06E-03	7.34E-03	1.06E-03	1.07E-02	1.55E-03	6.14E-03	8.88E-04	7.66E-05	1.15E-05	5.75E-03	8.33E-04	5.24E-05	7.88E-06	5.77E-03	8.35E-04	2.35E-01	6.04E-02	3.59E-01	6.43E-02
756 Gridded	4.39E-03	9.12E-04	4.26E-06	1.03E-06	2.16E-03	4.63E-04	4.66E-03	9.81E-04	4.62E-03	9.71E-04	4.37E-03	9.08E-04	5.54E-03	1.21E-03	5.54E-03	1.21E-03	8.13E-03	1.69E-03	4.66E-03	9.81E-04	5.91E-05	1.43E-05	4.38E-03	9.10E-04	4.04E-05	9.75E-06	4.39E-03	9.13E-04	2.70E-01	6.12E-02	3.54E-01	6.09E-02
757 Gridded	4.33E-03	1.01E-03	4.30E-06	1.02E-06	2.16E-03	5.04E-04	4.62E-03	1.08E-03	4.58E-03	1.07E-03	4.31E-03	1.00E-03	5.56E-03	1.30E-03	5.56E-03	1.30E-03	8.02E-03	1.87E-03	4.62E-03	1.08E-03	5.97E-05	1.42E-05	4.32E-03	1.01E-03	4.08E-05	9.69E-06	4.33E-03	1.01E-03	2.09E-01	5.06E-02	4.90E-01	5.68E-02
758 Gridded	4.02E-03	8.16E-04	3.69E-06	7.10E-07	1.96E-03	3.99E-04	4.24E-03	8.63E-04	4.21E-03	8.57E-04	4.01E-03	8.14E-04	4.98E-03	1.02E-03	4.98E-03	1.02E-03	7.45E-03	1.51E-03	4.24E-03	8.63E-04	5.12E-05	9.85E-06	4.01E-03	8.15E-04	3.50E-05	6.74E-06	4.02E-03	8.17E-04	2.17E-01	5.41E-02	4.83E-01	7.39E-02
759 Gridded	4.48E-03	8.82E-04	3.73E-06	8.06E-07	2.13E-03	4.35E-04	4.68E-03	9.36E-04	4.65E-03	9.29E-04	4.47E-03	8.79E-04	5.32E-03	1.11E-03	5.32E-03	1.11E-03	8.31E-03	1.63E-03	4.68E-03	9.36E-04	5.18E-05	1.12E-05	4.48E-03	8.81E-04	3.54E-05	7.65E-06	4.48E-03	8.82E-04	2.12E-01	6.04E-02	3.03E-01	7.96E-02
760 Gridded	4.02E-03	1.06E-03	3.70E-06	9.64E-07	1.95E-03	5.20E-04	4.24E-03	1.12E-03	4.21E-03	1.11E-03	4.01E-03	1.05E-03	4.96E-03	1.33E-03	4.96E-03	1.33E-03	7.45E-03	1.96E-03	4.24E-03	1.12E-03	5.13E-05	1.34E-05	4.01E-03	1.06E-03	3.51E-05	9.15E-06	4.02E-03	1.06E-03	2.27E-01	7.52E-02	3.69E-01	1.10E-01
761 Gridded	4.76E-03	1.34E-03	4.62E-06	1.53E-06	2.32E-03	6.51E-04	5.03E-03	1.41E-03	4.99E-03	1.40E-03	4.75E-03	1.34E-03	5.90E-03	1.65E-03	5.90E-03	1.65E-03	8.83E-03	2.48E-03	5.03E-03	1.41E-03	6.40E-05	2.12E-05	4.76E-03	1.34E-03	4.38E-05	1.45E-05	4.77E-03	1.34E-03	2.75E-01	9.33E-02	3.54E-01	1.17E-01
762 Gridded	6.12E-03	1.75E-03	6.01E-06	1.95E-06	3.05E-03	8.90E-04	6.53E-03	1.89E-03	6.47E-03	1.87E-03	6.10E-03	1.75E-03	7.84E-03	2.31E-03	7.84E-03	2.31E-03	1.13E-02	3.25E-03	6.53E-03	1.89E-03	8.33E-05	2.71E-05	6.11E-03	1.75E-03	5.70E-05	1.85E-05	6.13E-03	1.76E-03	2.68E-01	9.68E-02	3.45E-01	9.89E-02
763 Gridded	5.41E-03	1.84E-03	6.11E-06	1.80E-06	2.69E-03	9.14E-04	5.72E-03	1.96E-03	5.68E-03	1.94E-03	5.40E-03	1.83E-03	7.01E-03	2.35E-03	7.01E-03	2.35E-03	1.00E-02	3.40E-03	5.72E-03	1.96E-03	8.47E-05	2.50E-05	5.41E-03	1.83E-03	5.80E-05	1.71E-05	5.42E-03	1.84E-03	3.00E-01	8.97E-02	3.43E-01	1.16E-01
764 Gridded	6.67E-03	1.65E-03	7.96E-06	1.49E-06	3.42E-03	8.15E-04	7.20E-03	1.76E-03	7.13E-03	1.74E-03	6.64E-03	1.65E-03	8.95E-03	2.08E-03	8.95E-03	2.08E-03	1.23E-02	3.07E-03	7.20E-03	1.76E-03	1.10E-04	2.07E-05	6.66E-03	1.65E-03	7.55E-05	1.42E-05	6.67E-03	1.66E-03	3.05E-01	1.02E-01	3.77E-01	1.19E-01
765 Gridded	9.16E-03	2.12E-03	8.94E-06	1.73E-06	4.56E-03	1.03E-03	9.76E-03	2.24E-03	9.68E-03	2.22E-03	9.13E-03	2.12E-03	1.17E-02	2.62E-03	1.17E-02	2.62E-03	1.70E-02	3.93E-03	9.76E-03	2.24E-03	1.24E-04	2.40E-05	9.15E-03	2.12E-03	8.48E-05	1.64E-05	9.17E-03	2.12E-03	3.48E-01	1.14E-01	5.13E-01	1.17E-01
766 Gridded	3.97E-03	5.06E-04	3.07E-06	4.41E-07	1.87E-03	2.44E-04	4.14E-03	5.32E-04	4.11E-03	5.28E-04	3.96E-03	5.05E-04	4.67E-03	6.14E-04	4.67E-03	6.14E-04	7.36E-03	9.39E-04	4.14E-03	5.32E-04	4.26E-05	6.11E-06	3.97E-03	5.06E-04	2.91E-05	4.18E-06	3.97E-03	5.07E-04	1.08E-01	2.09E-02	1.94E-01	2.91E-02
767 Gridded	3.32E-03	4.74E-04	3.11E-06	4.66E-07	1.58E-03	2.36E-04	3.47E-03	5.06E-04	3.45E-03	5.02E-04	3.31E-03	4.73E-04	3.95E-03	6.08E-04	3.95E-03	6.08E-04	6.16E-03	8.79E-04	3.47E-03	5.06E-04	4.32E-05	6.47E-06	3.32E-03	4.74E-04	2.95E-05	4.42E-06	3.32E-03	4.75E-04	1.08E-01	2.21E-02	2.37E-01	3.01E-02
768 Gridded	2.76E-03	4.97E-04	3.40E-06	4.68E-07	1.40E-03	2.46E-04	2.97E-03	5.29E-04	2.94E-03	5.25E-04	2.75E-03	4.96E-04	3.65E-03	6.31E-04	3.65E-03	6.31E-04	5.11E-03	9.22E-04	2.97E-03	5.29E-04	4.72E-05	6.48E-06	2.76E-03	4.97E-04	3.23E-05	4.44E-06	2.76E-03	4.98E-04	1.32E-01	2.21E-02	2.42E-01	3.38E-02
769 Gridded	3.67E-03	4.86E-04	4.52E-06	4.32E-07	1.89E-03	2.39E-04	3.98E-03	5.15E-04	3.93E-03	5.11E-04	3.65E-03	4.84E-04	4.97E-03	6.10E-04	4.97E-03	6.10E-04	6.80E-03	9.00E-04	3.98E-03	5.15E-04	6.27E-05	5.99E-06	3.66E-03	4.85E-04	4.29E-05	4.10E-06	3.67E-03	4.86E-04	1.80E-01	2.06E-02	2.04E-01	3.36E-02
770 Gridded	4.48E-03	4.69E-04	5.19E-06	5.26E-07	2.29E-03	2.29E-04	4.83E-03	4.96E-04	4.78E-03	4.92E-04	4.46E-03	4.68E-04	5.97E-03	5.82E-04	5.97E-03	5.82E-04	8.30E-03	8.69E-04	4.83E-03	4.96E-04	7.20E-05	7.30E-06	4.47E-03	4.68E-04	4.93E-05	4.99E-06	4.49E-03	4.69E-04	2.04E-01	2.31E-02	2.34E-01	3.13E-02
771 Gridded	4.85E-03	4.68E-04	5.26E-06	7.01E-07	2.45E-03	2.28E-04	5.20E-03	4.94E-04	5.15E-03	4.90E-04	4.83E-03	4.66E-04	6.36E-03	6.16E-04	6.36E-03	6.16E-04	8.98E-03	8.67E-04	5.20E-03	4.94E-04	7.30E-05	9.72E-06	4.84E-03	4.67E-04	4.99E-05	6.65E-06	4.85E-03	4.68E-04	1.84E-01	2.79E-02	1.90E-01	3.73E-02
772 Gridded	4.43E-03	5.66E-04	4.64E-06	7.58E-07	2.23E-03	2.96E-04	4.74E-03	6.17E-04	4.70E-03	6.10E-04	4.41E-03	5.63E-04	5.76E-03	7.83E-04	5.76E-03	7.83E-04	8.20E-03	1.05E-03	4.74E-03	6.17E-04	6.44E-05	1.05E-05	4.42E-03	5.64E-04	4.41E-05	7.19E-06	4.43E-03	5.66E-04	1.37E-01	3.05E-02	2.12E-01	4.09E-02
773 Gridded	3.89E-03	6.89E-04	4.05E-06	7.15E-07	1.95E-03	3.45E-04	4.16E-03	7.36E-04	4.12E-03	7.30E-04	3.87E-03	6.87E-04	5.03E-03	8.89E-04	5.03E-03	8.89E-04	7.20E-03	1.28E-03	4.16E-03	7.36E-04	5.62E-05	9.92E-06	3.88E-03	6.88E-04	3.85E-05	6.78E-06	3.89E-03	6.90E-04	1.33E-01	3.34E-02	2.25E-01	4.64E-02
774 Gridded	3.65E-03	7.34E-04	4.14E-06	6.53E-07	1.82E-03	3.53E-04	3.89E-03	7.71E-04	3.86E-03	7.65E-04	3.64E-03	7.32E-04	4.68E-03	8.90E-04	4.68E-03	8.90E-04	6.76E-03	1.36E-03	3.89E-03	7.71E-04	5.75E-05	9.06E-06	3.64E-03	7.33E-04	3.93E-05	6.20E-06	3.65E-03	7.34E-04	1.60E-01	3.88E-02	2.49E-01	5.87E-02
775 Gridded	4.04E-03	6.93E-04	4.81E-06	7.00E-07	2.07E-03	3.46E-04	4.36E-03	7.40E-04	4.31E-03	7.34E-04	4.02E-03	6.90E-04	5.41E-03	8.94E-04	5.41E-03	8.94E-04	7.47E-03	1.28E-03	4.36E-03	7.40E-04	6.66E-05	9.71E-06	4.03E-03	6.92E-04	4.56E-05	6.64E-06	4.04E-03	6.94E-04	1.94E-01	3.81E-02	2.73E-01	5.94E-02
776 Gridded	4.55E-03	5.83E-04	5.12E-06	6.48E-07	2.22E-03	2.93E-04	4.81E-03	6.24E-04	4.77E-03	6.18E-04	4.53E-03	5.81E-04	5.65E-03	7.56E-04	5.65E-03	7.56E-04	8.42E-03	1.08E-03	4.81E-03	6.24E-04	7.09E-05	8.99E-06	4.54E-03	5.83E-04	4.85E-05	6.15E-06	4.55E-03	5.84E-04	2.00E-01	3.34E-02	2.51E-01	4.57E-02
777 Gridded	5.40E-03	5.55E-04	6.09E-06	7.16E-07	2.75E-03	2.88E-04	5.82E-03	6.03E-04	5.76E-03	5.96E-04	5.38E-03	5.52E-04	7.15E-03	7.60E-04	7.15E-03	7.60E-04	1.00E-02	1.03E-03	5.82E-03	6.03E-04	8.45E-05	9.93E-06	5.40E-03	5.54E-04	5.78E-05	6.79E-06	5.41E-03	5.55E-04	1.88E-01	3.35E-02	2.81E-01	4.53E-02
778 Gridded	5.49E-03	6.01E-04	5.37E-06	6.90E-07	2.73E-03	3.06E-04	5.85E-03	6.47E-04	5.80E-03	6.41E-04	5.47E-03	5.98E-04	7.03E-03	7.98E-04	7.03E-03	7.98E-04	1.02E-02	1.11E-03	5.85E-03	6.47E-04	7.45E-05	9.56E-06	5.48E-03	6.00E-04	5.10E-05	6.54E-06	5.50E-03	6.01E-04	2.70E-01	3.52E-02	3.99E-01	4.72E-02
779 Gridded	9.05E-03	5.20E-04	1.03E-05	7.03E-07	4.60E-03	2.53E-04	9.74E-03	5.47E-04	9.64E-03	5.43E-04	9.01E-03	5.19E-04	1.20E-02	6.47E-04	1.20E-02	6.47E-04	1.68E-02	9.64E-04	9.74E-03	5.47E-04	1.43E-04	9.75E-06	9.03E-03	5.20E-04	9.76E-05	6.67E-06	9.05E-03	5.20E-04	4.16E-01	3.32E-02	5.17E-01	4.89E-02
780 Gridded	1.28E-02	6.22E-04	1.14E-05	6.08E-07	6.29E-03	3.09E-04	1.36E-02	6.62E-04	1.34E-02	6.57E-04	1.27E-02	6.20E-04	1.61E-02	7.93E-04	1.61E-02	7.93E-04	2.37E-02	1.15E-03	1.36E-02	6.62E-04	1.58E-04	8.43E-06	1.28E-02	6.21E-04	1.08E-04	5.77E-06	1.28E-02	6.22E-04	4.23E-01	3.31E-02	4.29E-01	5.27E-02
781 Gridded	8.96E-03	5.81E-04	6.04E-06	6.25E-07	4.27E-03	2.75E-04	9.37E-03	6.06E-04	9.31E-03	6.02E-04	8.94E-03	5.80E-04	1.07E-02	6.86E-04	1.07E-02	6.86E-04	1.66E-02	1.08E-03	9.37E-03	6.06E-04	8.38E-05	8.67E-06	8.95E-03	5.80E-04	5.73E-05	5.93E-06	8.96E-03	5.81E-04	2.53E-01	3.89E-02	4.18E-01	6.33E-02
782 Gridded	7.42E-03	5.35E-04	5.04E-06	5.85E-07	3.35E-03	2.62E-04	7.58E-03	5.54E-04	7.56E-03	5.49E-04	7.41E-03	5.34E-04	8.11E-03	6.82E-04	8.11E-03	6.82E-04	1.38E-02	9.92E-04	7.58E-03	5.54E-04	6.98E-05	8.11E-06	7.41E-03	5.34E-04	4.78E-05	5.55E-06	7.42E-03	5.35E-04	2.87E-01	4.83E-02	5.05E-01	8.32E-02
783 Gridded	5.70E-03	8.48E-04	5.75E-06	8.37E-07	2.83E-03	4.22E-04	6.07E-03	9.04E-04	6.02E-03	8.96E-04	5.68E-03	8.45E-04	7.28E-03	1.09E-03	7.28E-03	1.09E-03	1.06E-02	1.57E-03	6.07E-03	9.04E-04	7.98E-05	1.16E-05	5.69E-03	8.46E-04	5.46E-05	7.95E-06	5.70E-03	8.48E-04	2.76E-01	5.41E-02	5.17E-01	9.59E-02
784 Gridded	6.80E-03	6.81E-04	7.37E-06	6.93E-07	3.44E-03	3.40E-04	7.30E-03	7.27E-04	7.23E-03	7.20E-04	6.77E-03	6.78E-04	8.91E-03	8.76E-04	8.91E-03	8.76E-04	1.26E-02	1.26E-03	7.30E-03	7.27E-04	1.02E-04	9.61E-06	6.79E-03	6.80E-04	7.00E-05	6.57E-06	6.81E-03	6.81E-04	3.23E-01	4.33E-02	5.56E-01	6.91E-02
785 Gridded	5.44E-03	5.67E-04	6.99E-06	1.08E-06	2.66E-03	3.19E-04	5.75E-03	6.40E-04	5.71E-03	6.29E-04	5.43E-03	5.63E-04	6.78E-03	8.77E-04	6.78E-03	8.77E-04	1.01E-02	1.05E-03	5.75E-03	6.40E-04	9.69E-05	1.50E-05	5.44E-03	5.65E-04	6.63E-05	1.03E-05	5.45E-03	5.68E-04	3.03E-01	3.18E-02	4.03E-01	4.68E-02
786 Gridded	6.30E-03	9.81E-04	8.54E-06	1.37E-06	3.08E-03	4.81E-04	6.66E-03	1.04E-03	6.61E-03	1.03E-03	6.28E-03	9.78E-04	7.83E-03	1.23E-03	7.83E-03	1.23E-03	1.17E-02	1.82E-03	6.66E-03	1.04E-03	1.19E-04	1.90E-05	6.29E-03	9.80E-04	8.11E-05	1.30E-05	6.30E-03	9.81E-04	3.00E-01	4.03E-02	5.04E-01	6.53E-02
787 Gridded	8.52E-03	1.10E-03	6.23E-06	7.49E-07	3.94E-03	5.25E-04	8.79E-03	1.15E-03	8.75E-03	1.14E-03	8.50E-03	1.10E-03	9.67E-03	1.32E-03	9.67E-03	1.32E-03	1.58E-02	2.04E-03	8.79E-03	1.15E-03	8.64E-05	1.04E-05	8.51E-03	1.10E-03	5.91E-05	7.11E-06	8.52E-03	1.10E-03	3.56E-01	3.02E-02	6.07E-01	4.22E-02
788 Gridded	7.06E-03	6.81E-04	8.69E-06	5.73E-07	3.58E-03	3.02E-04	7.59E-03	6.91E-04	7.52E-03	6.89E-04	7.03E-03	6.81E-04	9.32E-03	7.21E-04	9.32E-03	7.21E-04	1.31E-02	1.26E-03	7.59E-03	6.91E-04	1.20E-04	7.95E-06	7.05E-03	6.81E-04	8.24E-05	5.44E-06	7.07E-03	6.81E-04	3.04E-01	2.98E-02	5.93E-01	4.05E-02
789 Gridded	6.51E-03	4.83E-04	6.55E-06	5.95E-07	3.02E-03	2.49E-04	6.74E-03	5.23E-04	6.70E-03	5.17E-04	6.50E-03	4.81E-04	7.45E-03	6.53E-04	7.45E-03	6.53E-04	1.21E-02	8.94E-04	6.74E-03	5.23E-04	9.09E-05	8.25E-06	6.51E-03	4.82E-04	6.22E-05	5.65E-06	6.52E-03	4.83E-04	2.91E-01	2.79E-02	3.74E-01	3.64E-02
790 Gridded	5.84E-03	4.91E-04	6.69E-06	6.05E-07	2.88E-03	2.50E-04	6.20E-03	5.25E-04	6.15E-03	5.19E-04	5.82E-03	4.89E-04	7.36E-03	6.57E-04	7.36E-03	6.57E-04	1.08E-02	9.10E-04	6.20E-03	5.25E-04	9.28E-05	8.38E-06	5.84E-03	4.90E-04	6.35E-05	5.74E-06	5.85E-03	4.91E-04	2.46E-01	3.73E-02	5.36E-01	5.21E-02
791 Gridded	5.17E-03	5.58E-04	5.97E-06	6.97E-07	2.53E-03	2.86E-04	5.48E-03	6.03E-04	5.43E-03	5.97E-04	5.15E-03	5.56E-04	6.46E-03	7.47E-04	6.46E-03	7.47E-04	9.58E-03	1.03E-03	5.48E-03	6.03E-04	8.27E-05	9.67E-06	5.17E-03	5.58E-04	5.66E-05	6.62E-06	5.18E-03	5.59E-04	2.90E-01	4.01E-02	5.10E-01	6.25E-02
792 Gridded	6.91E-03	6.07E-04	5.94E-06	6.57E-07	3.38E-03	2.97E-04	7.31E-03	6.36E-04	7.25E-03	6.32E-04	6.89E-03	6.06E-04	8.61E-03	7.74E-04	8.61E-03	7.74E-04	1.28E-02	1.13E-03	7.31E-03	6.36E-04	8.23E-05	9.11E-06	6.90E-03	6.07E-04	5.63E-05	6.23E-06	6.91E-03	6.08E-04	3.15E-01	3.48E-02	7.20E-01	8.80E-02
793 Gridded	8.30E-03	5.04E-04	4.78E-06	5.40E-07	3.87E-03	2.54E-04	8.59E-03	5.41E-04	8.55E-03	5.36E-04	8.28E-03	5.02E-04	9.55E-03	6.59E-04	9.55E-03	6.59E-04	1.54E-02	9.34E-04	8.59E-03	5.41E-04	6.63E-05	7.49E-06	8.29E-03	5.03E-04	4.54E-05	5.12E-06	8.30E-03	5.05E-04	3.10E-01	3.36E-02	6.24E-01	6.89E-02
794 Gridded	4.57E-03	5.71E-04	5.22E-06	5.90E-07	2.03E-03	2.86E-04	4.63E-03	6.11E-04	4.62E-03	6.05E-04	4.56E-03	5.69E-04	4.85E-03	7.40E-04	4.85E-03	7.40E-04	8.48E-03	1.06E-03	4.63E-03	6.11E-04	7.23E-05	8.18E-06	4.57E-03	5.70E-04	4.95E-05	5.59E-06	4.57E-03	5.71E-04	2.12E-01	3.45E-02	5.44E-01	5.37E-02
795 Gridded	4.52E-03	4.41E-04	5.11E-06	5.06E-07	2.14E-03	2.17E-04	4.71E-03	4.67E-04	4.68E-03	4.63E-04	4.51E-03	4.39E-04	5.35E-03	5.53E-04	5.35E-03	5.53E-04	8.37E-03	8.17E-04	4.71E-03	4.67E-04	7.08E-05	7.02E-06	4.51E-03	4.40E-04	4.85E-05	4.81E-06	4.52E-03	4.41E-04	1.94E-01	3.47E-02	5.33E-01	5.74E-02
796 Gridded	4.39E-03	4.83E-04	6.15E-06	5.15E-07	2.31E-03	2.43E-04	4.80E-03	5.17E-04	4.74E-03	5.12E-04	4.36E-03	4.81E-04	6.15E-03	6.27E-04	6.15E-03	6.27E-04	8.12E-03	8.94E-04	4.80E-03	5.17E-04	8.52E-05	7.14E-06	4.38E-03	4.82E-04	5.83E-05	4.88E-06	4.39E-03	4.83E-04	2.45E-01	3.49E-02	7.65E-01	6.04E-02
797 Gridded	5.78E-03	5.47E-04	6.15E-06	5.92E-07	2.87E-03	2.76E-04	6.15E-03	5.87E-04	6.10E-03	5.82E-04	5.76E-03	5.45E-04	7.35E-03	7.17E-04	7.35E-03	7.17E-04	1.07E-02	1.01E-03	6.15E-03	5.87E-04	8.54E-05	8.21E-06	5.77E-03	5.46E-04	5.84E-05	5.62E-06	5.79E-03	5.48E-04	2.49E-01	3.28E-02	6.78E-01	4.56E-02
798 Gridded	5.68E-03	6.06E-04	6.98E-06	5.51E-07	2.69E-03	2.99E-04	5.93E-03	6.43E-04	5.89E-03	6.38E-04	5.67E-03	6.04E-04	6.73E-03	7.64E-04	6.73E-03	7.64E-04	1.05E-02	1.12E-03	5.93E-03	6.43E-04	9.69E-05	7.65E-06	5.68E-03	6.05E-04	6.63E-05	5.23E-06	5.68E-03	6.07E-04	2.36E-01	2.71E-02	4.47E-01	3.80E-02
799 Gridded	4.43E-03	4.64E-04	6.23E-06	7.15E-07	2.12E-03	2.25E-04	4.64E-03	4.89E-04	4.61E-03	4.85E-04	4.42E-03	4.63E-04	5.31E-03	5.70E-04	5.31E-03	5.70E-04	8.22E-03	8.60E-04	4.64E-03	4.89E-04	8.64E-05	9.92E-06	4.43E-03	4.63E-04	5.91E-05	6.79E-06	4.43E-03	4.64E-04	2.23E-01	2.79E-02	3.93E-01	4.71E-02
800 Gridded	4.82E-03	5.73E-04	7.48E-06	8.61E-07	2.45E-03	2.91E-04	5.19E-03	6.16E-04	5.14E-03	6.10E-04	4.80E-03	5.71E-04	6.39E-03	7.55E-04	6.39E-03	7.55E-04	8.93E-03	1.06E-03	5.19E-03	6.16E-04	1.04E-04	1.19E-05	4.82E-03	5.72E-04	7.10E-05	8.17E-06	4.83E-03	5.74E-04	2.78E-01	3.50E-02	3.61E-01	4.29E-02
801 Gridded	5.24E-03	7.78E-04	5.28E-06	7.01E-07	2.61E-03	3.83E-04	5.59E-03	8.25E-04	5.54E-03	8.18E-04	5.22E-03	7.75E-04	6.72E-03	9.78E-04	6.72E-03	9.78E-04	9.71E-03	1.44E-03	5.59E-03	8.25E-04	7.32E-05	9.72E-06	5.23E-03	7.77E-04	5.01E-05	6.65E-06	5.24E-03	7.78E-04	2.66E-01	4.23E-02	4.59E-01	4.62E-02
802 Gridded	5.24E-03	9.45E-04	6.31E-06	8.69E-07	2.69E-03	4.65E-04	5.67E-03	1.00E-03	5.61E-03	9.94E-04	5.22E-03	9.42E-04	7.05E-03	1.19E-03	7.05E-03	1.19E-03	9.71E-03	1.75E-03	5.67E-03	1.00E-03	8.75E-05	1.21E-05	5.23E-03	9.44E-04	5.98E-05	8.25E-06	5.25E-03	9.46E-04	2.73E-01	5.22E-02	4.56E-01	5.55E-02
803 Gridded	6.49E-03	8.77E-04	5.95E-06	7.16E-07	3.20E-03	4.25E-04	6.89E-03	9.24E-04	6.83E-03	9.17E-04	6.46E-03	8.74E-04	8.19E-03	1.08E-03	8.19E-03	1.08E-03	1.20E-02	1.63E-03	6.89E-03	9.24E-04	8.25E-05	9.93E-06	6.48E-03	8.76E-04	5.64E-05	6.79E-06	6.49E-03	8.77E-04	2.74E-01	4.80E-02	3.28E-01	5.85E-02
804 Gridded	6.05E-03	7.63E-04	6.37E-06	8.79E-07	2.92E-03	3.89E-04	6.36E-03	8.22E-04	6.32E-03	8.14E-04	6.03E-03	7.59E-04	7.39E-03	1.01E-03	7.39E-03	1.01E-03	1.12E-02	1.41E-03	6.36E-03	8.22E-04	8.83E-05	1.22E-05	6.04E-03	7.61E-04	6.04E-05	8.34E-06	6.05E-03	7.63E-04	2.32E-01	5.30E-02	3.77E-01	6.34E-02
805 Gridded	5.14E-03	9.15E-04	6.45E-06	9.81E-07	2.66E-03	4.51E-04	5.58E-03	9.72E-04	5.52E-03	9.64E-04	5.12E-03	9.12E-04	6.99E-03	1.15E-03	6.99E-03	1.15E-03	9.52E-03	1.70E-03	5.58E-03	9.72E-04	8.95E-05	1.36E-05	5.13E-03	9.14E-04	6.12E-05	9.31E-06	5.15E-03	9.16E-04	2.72E-01	6.76E-02	3.93E-01	7.11E-02
806 Gridded	4.78E-03	1.13E-03	5.26E-06	1.25E-06	2.36E-03	5.73E-04	5.08E-03	1.21E-03	5.04E-03	1.20E-03	4.77E-03	1.13E-03	6.05E-03	1.49E-03	6.05E-03	1.49E-03	8.87E-03	2.09E-03	5.08E-03	1.21E-03	7.29E-05	1.73E-05	4.78E-03	1.13E-03	4.99E-05	1.18E-05	4.79E-03	1.13E-03	3.00E-01	6.88E-02	3.65E-01	6.53E-02
807 Gridded	4.49E-03	9.71E-04	4.06E-06	9.14E-07	2.21E-03	4.81E-04	4.77E-03	1.03E-03	4.73E-03	1.02E-03	4.48E-03	9.67E-04	5.66E-03	1.23E-03	5.66E-03	1.23E-03	8.33E-03	1.80E-03	4.77E-03	1.03E-03	5.63E-05	1.27E-05	4.49E-03	9.69E-04	3.85E-05	8.67E-06	4.50E-03	9.71E-04	2.37E-01	5.07E-02	4.11E-01	6.88E-02
808 Gridded	4.52E-03	7.91E-04	3.43E-06	7.77E-07	2.17E-03	3.93E-04	4.74E-03	8.43E-04	4.71E-03	8.35E-04	4.51E-03	7.88E-04	5.46E-03	1.01E-03	5.46E-03	1.01E-03	8.38E-03	1.47E-03	4.74E-03	8.43E-04	4.75E-05	1.08E-05	4.52E-03	7.90E-04	3.25E-05	7.38E-06	4.53E-03	7.91E-04	2.28E-01	6.16E-02	4.49E-01	8.01E-02
809 Gridded	3.77E-03	9.14E-04	3.43E-06	8.71E-07	1.86E-03	4.53E-04	4.00E-03	9.72E-04	3.97E-03	9.64E-04	3.76E-03	9.10E-04	4.75E-03	1.16E-03	4.75E-03	1.16E-03	6.99E-03	1.69E-03	4.00E-03	9.72E-04	4.76E-05	1.21E-05	3.76E-03	9.12E-04	3.26E-05	8.26E-06	3.77E-03	9.14E-04	2.14E-01	6.58E-02	3.79E-01	9.75E-02
810 Gridded	3.77E-03	1.13E-03	3.67E-06	1.19E-06	1.87E-03	5.54E-04	4.02E-03	1.20E-03	3.98E-03	1.19E-03	3.75E-03	1.13E-03	4.82E-03	1.41E-03	4.82E-03	1.41E-03	6.98E-03	2.10E-03	4.02E-03	1.20E-03	5.08E-05	1.66E-05	3.76E-03	1.13E-03	3.48E-05	1.13E-05	3.77E-03	1.13E-03	2.44E-01	8.25E-02	3.54E-01	1.12E-01
811 Gridded	4.34E-03	1.29E-03	4.61E-06	1.59E-06	2.19E-03	6.65E-04	4.65E-03	1.40E-03	4.61E-03	1.38E-03	4.32E-03	1.28E-03	5.66E-03	1.74E-03	5.66E-03	1.74E-03	8.04E-03	2.39E-03	4.65E-03	1.40E-03	6.39E-05	2.20E-05	4.33E-03	1.29E-03	4.37E-05	1.51E-05	4.35E-03	1.29E-03	2.39E-01	8.89E-02	3.32E-01	9.94E-02
812 Gridded	5.91E-03	1.83E-03	5.99E-06	1.88E-06	2.89E-03	9.15E-04	6.25E-03	1.95E-03	6.20E-03	1.93E-03	5.89E-03	1.82E-03	7.37E-03	2.36E-03	7.37E-03	2.36E-03	1.10E-02	3.38E-03	6.25E-03	1.95E-03	8.31E-05	2.60E-05	5.90E-03	1.82E-03	5.69E-05	1.78E-05	5.91E-03	1.83E-03	2.81E-01	9.49E-02	3.65E-01	1.23E-01
813 Gridded	6.02E-03	1.79E-03	7.74E-06	1.60E-06	3.13E-03	8.72E-04	6.54E-03	1.89E-03	6.47E-03	1.87E-03	5.99E-03	1.78E-03	8.24E-03	2.22E-03	8.24E-03	2.22E-03	1.11E-02	3.31E-03	6.54E-03	1.89E-03	1.07E-04	2.22E-05	6.01E-03	1.78E-03	7.34E-05	1.52E-05	6.03E-03	1.79E-03	3.27E-01	1.12E-01	3.89E-01	1.28E-01
814 Gridded	8.42E-03	2.03E-03	8.91E-06	1.58E-06	4.24E-03	9.82E-04	9.02E-03	2.14E-03	8.93E-03	2.12E-03	8.38E-03	2.02E-03	1.10E-02	2.48E-03	1.10E-02	2.48E-03	1.56E-02	3.76E-03	9.02E-03	2.14E-03	1.24E-04	2.19E-05	8.40E-03	2.03E-03	8.45E-05	1.50E-05	8.42E-03	2.03E-03	3.34E-01	1.11E-01	5.23E-01	1.11E-01
815 Gridded	7.03E-03	1.79E-03	6.57E-06	1.30E-06	3.48E-03	8.57E-04	7.47E-03	1.88E-03	7.41E-03	1.86E-03	7.00E-03	1.79E-03	8.91E-03	2.16E-03	8.91E-03	2.16E-03	1.30E-02	3.32E-03	7.47E-03	1.88E-03	9.10E-05	1.80E-05	7.02E-03	1.79E-03	6.23E-05	1.23E-05	7.03E-03	1.79E-03	3.65E-01	8.92E-02	5.30E-01	7.82E-02
816 Gridded	4.37E-03	1.21E-03	5.38E-06	1.32E-06	2.15E-03	5.75E-04	4.62E-03	1.27E-03	4.59E-03	1.26E-03	4.36E-03	1.21E-03	5.67E-03	1.44E-03	5.67E-03	1.44E-03	8.10E-03	2.25E-03	4.62E-03	1.27E-03	7.46E-05	1.83E-05	4.37E-03	1.21E-03	5.10E-05	1.25E-05	4.38E-03	1.21E-03	3.06E-01	6.52E-02	4.02E-01	7.28E-02
817 Gridded	4.83E-03	5.99E-04	4.37E-06	5.35E-07	2.33E-03	2.92E-04	5.08E-03	6.32E-04	5.05E-03	6.28E-04	4.81E-03	5.97E-04	5.90E-03	7.41E-04	5.90E-03	7.41E-04	8.95E-03	1.11E-03	5.08E-03	6.32E-04	6.06E-05	7.42E-06	4.82E-03	5.98E-04	4.15E-05	5.07E-06	4.83E-03	5.99E-04	1.22E-01	2.12E-02	1.78E-01	3.25E-02
818 Gridded	4.64E-03	5.79E-04	3.99E-06	5.05E-07	2.22E-03	2.82E-04	4.86E-03	6.11E-04	4.83E-03	6.06E-04	4.63E-03	5.77E-04	5.57E-03	7.15E-04	5.57E-03	7.15E-04	8.61E-03	1.07E-03	4.86E-03	6.11E-04	5.54E-05	7.01E-06	4.64E-03	5.78E-04	3.79E-05	4.79E-06	4.65E-03	5.79E-04	1.16E-01	2.34E-02	1.89E-01	3.22E-02
819 Gridded	4.04E-03	5.40E-04	3.21E-06	4.67E-07	1.91E-03	2.62E-04	4.21E-03	5.69E-04	4.19E-03	5.65E-04	4.03E-03	5.38E-04	4.75E-03	6.66E-04	4.75E-03	6.66E-04	7.50E-03	1.00E-03	4.21E-03	5.69E-04	4.45E-05	6.48E-06	4.04E-03	5.39E-04	3.04E-05	4.43E-06	4.04E-03	5.40E-04	1.16E-01	2.51E-02	2.40E-01	3.25E-02
820 Gridded	3.52E-03	5.00E-04	3.15E-06	4.90E-07	1.67E-03	2.49E-04	3.67E-03	5.33E-04	3.65E-03	5.29E-04	3.51E-03	4.99E-04	4.16E-03	6.41E-04	4.16E-03	6.41E-04	6.53E-03	9.27E-04	3.67E-03	5.33E-04	4.37E-05	6.80E-06	3.52E-03	5.00E-04	2.99E-05	4.65E-06	3.52E-03	5.01E-04	1.50E-01	2.55E-02	2.44E-01	3.74E-02
821 Gridded	2.96E-03	5.17E-04	4.08E-06	4.83E-07	1.56E-03	2.56E-04	3.24E-03	5.50E-04	3.20E-03	5.45E-04	2.95E-03	5.15E-04	4.13E-03	6.56E-04	4.13E-03	6.56E-04	5.48E-03	9.58E-04	3.24E-03	5.50E-04	5.66E-05	6.70E-06	2.95E-03	5.17E-04	3.87E-05	4.58E-06	2.96E-03	5.18E-04	1.89E-01	2.40E-02	2.68E-01	3.89E-02
822 Gridded	3.74E-03	5.13E-04	4.74E-06	4.66E-07	1.94E-03	2.52E-04	4.06E-03	5.44E-04	4.01E-03	5.40E-04	3.72E-03	5.12E-04	5.09E-03	6.43E-04	5.09E-03	6.43E-04	6.92E-03	9.51E-04	4.06E-03	5.44E-04	6.57E-05	6.46E-06	3.73E-03	5.13E-04	4.50E-05	4.42E-06	3.74E-03	5.14E-04	1.96E-01	2.16E-02	2.36E-01	3.55E-02
823 Gridded	3.94E-03	4.82E-04	4.70E-06	6.14E-07	2.02E-03	2.35E-04	4.26E-03	5.10E-04	4.21E-03	5.06E-04	3.92E-03	4.81E-04	5.28E-03	5.98E-04	5.28E-03	5.98E-04	7.29E-03	8.94E-04	4.26E-03	5.10E-04	6.51E-05	8.52E-06	3.93E-03	4.82E-04	4.46E-05	5.83E-06	3.94E-03	4.83E-04	1.65E-01	2.59E-02	2.50E-01	3.54E-02
824 Gridded	3.99E-03	4.77E-04	4.34E-06	7.47E-07	1.98E-03	2.56E-04	4.25E-03	5.25E-04	4.21E-03	5.18E-04	3.98E-03	4.75E-04	5.06E-03	6.88E-04	5.06E-03	6.88E-04	7.40E-03	8.84E-04	4.25E-03	5.25E-04	6.03E-05	1.04E-05	3.99E-03	4.76E-04	4.12E-05	7.08E-06	4.00E-03	4.77E-04	1.46E-01	3.01E-02	3.12E-01	4.10E-02
825 Gridded	3.94E-03	6.65E-04	4.17E-06	8.00E-07	1.97E-03	3.41E-04	4.21E-03	7.19E-04	4.17E-03	7.11E-04	3.93E-03	6.62E-04	5.09E-03	8.94E-04	5.09E-03	8.94E-04	7.30E-03	1.23E-03	4.21E-03	7.19E-04	5.78E-05	1.11E-05	3.93E-03	6.64E-04	3.96E-05	7.59E-06	3.94E-03	6.66E-04	1.49E-01	3.36E-02	2.86E-01	4.53E-02
826 Gridded	3.51E-03	7.83E-04	4.32E-06	7.74E-07	1.77E-03	3.85E-04	3.77E-03	8.30E-04	3.73E-03	8.24E-04	3.50E-03	7.81E-04	4.59E-03	9.83E-04	4.59E-03	9.83E-04	6.50E-03	1.45E-03	3.77E-03	8.30E-04	5.99E-05	1.07E-05	3.51E-03	7.82E-04	4.10E-05	7.35E-06	3.51E-03	7.84E-04	1.59E-01	4.06E-02	2.61E-01	5.92E-02
827 Gridded	3.47E-03	6.83E-04	4.73E-06	6.82E-07	1.79E-03	3.37E-04	3.71E-03	7.21E-04	3.66E-03	7.15E-04	3.46E-03	6.81E-04	4.75E-03	8.70E-04	4.75E-03	8.70E-04	6.43E-03	1.27E-03	3.71E-03	7.21E-04	6.56E-05	9.46E-06	3.47E-03	6.82E-04	4.49E-05	6.47E-06	3.47E-03	6.83E-04	1.91E-01	4.09E-02	2.86E-01	6.37E-02
828 Gridded	4.86E-03	7.10E-04	5.11E-06	7.25E-07	2.42E-03	3.56E-04	5.18E-03	7.59E-04	5.14E-03	7.52E-04	4.84E-03	7.07E-04	6.23E-03	9.18E-04	6.23E-03	9.18E-04	9.01E-03	1.32E-03	5.18E-03	7.59E-04	7.09E-05	1.01E-05	4.85E-03	7.09E-04	4.85E-05	6.88E-06	4.87E-03	7.11E-04	2.13E-01	3.92E-02	2.73E-01	5.64E-02
829 Gridded	5.97E-03	6.25E-04	6.62E-06	8.15E-07	3.03E-03	3.26E-04	6.42E-03	6.80E-04	6.36E-03	6.73E-04	5.95E-03	6.22E-04	7.87E-03	8.59E-04	7.87E-03	8.59E-04	1.11E-02	1.16E-03	6.42E-03	6.80E-04	9.18E-05	1.13E-05	5.96E-03	6.24E-04	6.28E-05	7.73E-06	5.98E-03	6.26E-04	2.15E-01	3.82E-02	3.16E-01	5.16E-02
830 Gridded	6.23E-03	6.48E-04	6.05E-06	7.67E-07	3.10E-03	3.32E-04	6.63E-03	6.99E-04	6.58E-03	6.92E-04	6.20E-03	6.45E-04	7.96E-03	8.67E-04	7.96E-03	8.67E-04	1.15E-02	1.20E-03	6.63E-03	6.99E-04	8.39E-05	1.06E-05	6.22E-03	6.46E-04	5.74E-05	7.28E-06	6.23E-03	6.48E-04	2.86E-01	3.94E-02	4.37E-01	5.29E-02
831 Gridded	9.40E-03	5.60E-04	1.12E-05	7.22E-07	4.82E-03	2.78E-04	1.02E-02	5.97E-04	1.00E-02	5.92E-04	9.36E-03	5.58E-04	1.26E-02	7.14E-04	1.26E-02	7.14E-04	1.74E-02	1.04E-03	1.02E-02	5.97E-04	1.56E-04	1.00E-05	9.38E-03	5.60E-04	1.07E-04	6.85E-06	9.41E-03	5.61E-04	4.44E-01	3.67E-02	5.67E-01	5.36E-02
832 Gridded	1.34E-02	7.00E-04	1.22E-05	6.50E-07	6.60E-03	3.46E-04	1.42E-02	7.44E-04	1.41E-02	7.38E-04	1.33E-02	6.98E-04	1.69E-02	8.87E-04	1.69E-02	8.87E-04	2.48E-02	1.30E-03	1.42E-02	7.44E-04	1.69E-04	9.02E-06	1.34E-02	6.99E-04	1.16E-04	6.17E-06	1.34E-02	7.01E-04	4.41E-01	3.52E-02	4.47E-01	5.70E-02
833 Gridded	9.20E-03	7.22E-04	6.19E-06	6.31E-07	4.38E-03	3.33E-04	9.62E-03	7.45E-04	9.56E-03	7.42E-04	9.18E-03	7.21E-04	1.10E-02	8.18E-04	1.10E-02	8.18E-04	1.71E-02	1.34E-03	9.62E-03	7.45E-04	8.59E-05	8.75E-06	9.19E-03	7.22E-04	5.88E-05	5.99E-06	9.21E-03	7.23E-04	2.53E-01	4.28E-02	4.30E-01	7.02E-02
834 Gridded	5.24E-03	6.11E-04	5.26E-06	6.30E-07	2.60E-03	3.06E-04	5.57E-03	6.53E-04	5.53E-03	6.47E-04	5.22E-03	6.09E-04	6.67E-03	7.88E-04	6.67E-03	7.88E-04	9.70E-03	1.13E-03	5.57E-03	6.53E-04	7.29E-05	8.74E-06	5.23E-03	6.10E-04	4.99E-05	5.98E-06	5.24E-03	6.12E-04	2.97E-01	5.42E-02	5.21E-01	9.46E-02
835 Gridded	6.00E-03	9.29E-04	5.89E-06	9.13E-07	2.97E-03	4.63E-04	6.38E-03	9.91E-04	6.33E-03	9.82E-04	5.98E-03	9.26E-04	7.63E-03	1.19E-03	7.63E-03	1.19E-03	1.11E-02	1.72E-03	6.38E-03	9.91E-04	8.17E-05	1.27E-05	5.99E-03	9.28E-04	5.59E-05	8.67E-06	6.00E-03	9.30E-04	3.58E-01	5.92E-02	5.87E-01	1.04E-01
836 Gridded	7.70E-03	6.33E-04	7.35E-06	1.06E-06	3.82E-03	3.17E-04	8.20E-03	6.76E-04	8.13E-03	6.70E-04	7.68E-03	6.31E-04	9.81E-03	8.55E-04	9.81E-03	8.55E-04	1.43E-02	1.17E-03	8.20E-03	6.76E-04	1.02E-04	1.48E-05	7.69E-03	6.32E-04	6.97E-05	1.01E-05	7.71E-03	6.34E-04	3.16E-01	3.97E-02	4.90E-01	5.84E-02
837 Gridded	6.42E-03	8.81E-04	7.94E-06	1.30E-06	3.19E-03	4.63E-04	6.84E-03	9.63E-04	6.78E-03	9.52E-04	6.40E-03	8.77E-04	8.19E-03	1.23E-03	8.19E-03	1.23E-03	1.19E-02	1.63E-03	6.84E-03	9.63E-04	1.10E-04	1.80E-05	6.41E-03	8.80E-04	7.54E-05	1.23E-05	6.43E-03	8.82E-04	2.93E-01	4.22E-02	5.48E-01	6.24E-02
838 Gridded	9.03E-03	1.06E-03	7.63E-06	1.12E-06	4.33E-03	4.96E-04	9.47E-03	1.10E-03	9.41E-03	1.09E-03	9.01E-03	1.05E-03	1.09E-02	1.28E-03	1.09E-02	1.28E-03	1.67E-02	1.96E-03	9.47E-03	1.10E-03	1.06E-04	1.56E-05	9.02E-03	1.06E-03	7.24E-05	1.07E-05	9.04E-03	1.06E-03	3.39E-01	3.65E-02	5.61E-01	5.83E-02
839 Gridded	6.82E-03	8.85E-04	9.34E-06	5.74E-07	3.55E-03	3.98E-04	7.42E-03	9.03E-04	7.33E-03	9.00E-04	6.79E-03	8.84E-04	9.35E-03	9.62E-04	9.35E-03	9.62E-04	1.26E-02	1.64E-03	7.42E-03	9.03E-04	1.29E-04	7.96E-06	6.81E-03	8.84E-04	8.86E-05	5.45E-06	6.83E-03	8.85E-04	3.59E-01	3.14E-02	6.88E-01	4.60E-02

Scenario 4 Results

840 Gridded	7.48E-03	4.99E-04	6.53E-06	6.24E-07	3.50E-03	2.58E-04	7.76E-03	5.42E-04	7.72E-03	5.36E-04	7.46E-03	4.97E-04	8.67E-03	6.78E-04	8.67E-03	6.78E-04	1.39E-02	9.25E-04	7.76E-03	5.42E-04	9.05E-05	8.65E-06	7.47E-03	4.99E-04	6.19E-05	5.92E-06	7.48E-03	5.00E-04	3.18E-01	3.10E-02	4.32E-01	4.63E-02
841 Gridded	6.33E-03	5.32E-04	6.63E-06	6.50E-07	3.12E-03	2.66E-04	6.72E-03	5.68E-04	6.66E-03	5.63E-04	6.31E-03	5.30E-04	7.96E-03	6.99E-04	7.96E-03	6.99E-04	1.17E-02	9.86E-04	6.72E-03	5.68E-04	9.19E-05	9.02E-06	6.33E-03	5.32E-04	6.29E-05	6.17E-06	6.34E-03	5.33E-04	2.77E-01	4.17E-02	6.12E-01	5.78E-02
842 Gridded	5.48E-03	5.98E-04	6.42E-06	7.16E-07	2.68E-03	3.07E-04	5.80E-03	6.47E-04	5.75E-03	6.40E-04	5.46E-03	5.96E-04	6.83E-03	8.04E-04	6.83E-03	8.04E-04	1.02E-02	1.11E-03	5.80E-03	6.47E-04	8.90E-05	9.94E-06	5.47E-03	5.97E-04	6.09E-05	6.80E-06	5.48E-03	5.99E-04	3.16E-01	4.53E-02	6.58E-01	8.49E-02
843 Gridded	7.49E-03	6.16E-04	6.18E-06	6.99E-07	3.65E-03	3.13E-04	7.91E-03	6.63E-04	7.85E-03	6.56E-04	7.47E-03	6.13E-04	9.26E-03	8.16E-04	9.26E-03	8.16E-04	1.39E-02	1.14E-03	7.91E-03	6.63E-04	8.57E-05	9.69E-06	7.48E-03	6.15E-04	5.87E-05	6.63E-06	7.49E-03	6.16E-04	3.71E-01	3.79E-02	7.75E-01	9.44E-02
844 Gridded	7.73E-03	5.48E-04	5.12E-06	6.04E-07	3.55E-03	2.77E-04	7.95E-03	5.88E-04	7.92E-03	5.83E-04	7.71E-03	5.45E-04	8.70E-03	7.21E-04	8.70E-03	7.21E-04	1.43E-02	1.01E-03	7.95E-03	5.88E-04	7.10E-05	8.38E-06	7.72E-03	5.47E-04	4.86E-05	5.74E-06	7.73E-03	5.48E-04	3.02E-01	4.11E-02	5.31E-01	6.67E-02
845 Gridded	4.63E-03	5.51E-04	5.13E-06	5.79E-07	2.35E-03	2.77E-04	4.98E-03	5.90E-04	4.93E-03	5.84E-04	4.61E-03	5.49E-04	6.10E-03	7.17E-04	6.10E-03	7.17E-04	8.58E-03	1.02E-03	4.98E-03	5.90E-04	7.11E-05	8.03E-06	4.63E-03	5.50E-04	4.87E-05	5.49E-06	4.64E-03	5.51E-04	2.35E-01	4.11E-02	6.27E-01	6.56E-02
846 Gridded	4.59E-03	4.61E-04	6.72E-06	5.99E-07	2.32E-03	2.38E-04	4.89E-03	5.00E-04	4.85E-03	4.94E-04	4.57E-03	4.59E-04	6.22E-03	6.26E-04	6.22E-03	6.26E-04	8.50E-03	8.54E-04	4.89E-03	5.00E-04	9.32E-05	8.31E-06	4.58E-03	4.60E-04	6.38E-05	5.69E-06	4.59E-03	4.61E-04	2.60E-01	3.96E-02	6.95E-01	6.97E-02
847 Gridded	5.79E-03	5.12E-04	6.57E-06	6.00E-07	2.94E-03	2.62E-04	6.23E-03	5.52E-04	6.17E-03	5.46E-04	5.76E-03	5.09E-04	7.67E-03	6.84E-04	7.67E-03	6.84E-04	1.07E-02	9.47E-04	6.23E-03	5.52E-04	9.11E-05	8.33E-06	5.78E-03	5.11E-04	6.23E-05	5.70E-06	5.79E-03	5.12E-04	2.59E-01	3.72E-02	6.51E-01	5.28E-02
848 Gridded	6.19E-03	6.42E-04	7.61E-06	6.31E-07	2.99E-03	3.20E-04	6.51E-03	6.84E-04	6.46E-03	6.78E-04	6.17E-03	6.39E-04	7.54E-03	8.23E-04	7.54E-03	8.23E-04	1.15E-02	1.19E-03	6.51E-03	6.84E-04	1.06E-04	8.75E-06	6.18E-03	6.41E-04	7.22E-05	5.99E-06	6.19E-03	6.42E-04	2.84E-01	3.12E-02	5.05E-01	4.24E-02
849 Gridded	5.18E-03	5.65E-04	7.70E-06	6.91E-07	2.50E-03	2.74E-04	5.45E-03	5.95E-04	5.41E-03	5.91E-04	5.17E-03	5.63E-04	6.33E-03	6.95E-04	6.33E-03	6.95E-04	9.60E-03	1.05E-03	5.45E-03	5.95E-04	1.07E-04	9.58E-06	5.18E-03	5.64E-04	7.31E-05	6.56E-06	5.18E-03	5.65E-04	2.51E-01	2.82E-02	4.64E-01	4.91E-02
850 Gridded	4.23E-03	5.32E-04	6.88E-06	8.81E-07	2.18E-03	2.72E-04	4.58E-03	5.75E-04	4.53E-03	5.69E-04	4.21E-03	5.30E-04	5.73E-03	7.11E-04	5.73E-03	7.11E-04	7.83E-03	9.86E-04	4.58E-03	5.75E-04	9.53E-05	1.22E-05	4.22E-03	5.31E-04	6.52E-05	8.36E-06	4.23E-03	5.33E-04	2.63E-01	3.50E-02	3.67E-01	4.62E-02
851 Gridded	6.44E-03	8.82E-04	6.85E-06	8.07E-07	3.19E-03	4.35E-04	6.85E-03	9.37E-04	6.80E-03	9.29E-04	6.42E-03	8.79E-04	8.19E-03	1.11E-03	8.19E-03	1.11E-03	1.19E-02	1.64E-03	6.85E-03	9.37E-04	9.49E-05	1.12E-05	6.43E-03	8.81E-04	6.50E-05	7.65E-06	6.45E-03	8.83E-04	3.05E-01	4.81E-02	5.17E-01	5.14E-02
852 Gridded	6.00E-03	1.09E-03	7.63E-06	1.00E-06	2.98E-03	5.38E-04	6.39E-03	1.16E-03	6.33E-03	1.15E-03	5.98E-03	1.09E-03	7.77E-03	1.38E-03	7.77E-03	1.38E-03	1.11E-02	2.03E-03	6.39E-03	1.16E-03	1.06E-04	1.39E-05	5.99E-03	1.09E-03	7.24E-05	9.53E-06	6.01E-03	1.09E-03	3.16E-01	6.01E-02	5.50E-01	6.32E-02
853 Gridded	7.41E-03	9.74E-04	7.14E-06	8.25E-07	3.68E-03	4.71E-04	7.89E-03	1.03E-03	7.82E-03	1.02E-03	7.38E-03	9.71E-04	9.46E-03	1.19E-03	9.46E-03	1.19E-03	1.37E-02	1.80E-03	7.89E-03	1.03E-03	9.91E-05	1.14E-05	7.40E-03	9.72E-04	6.78E-05	7.83E-06	7.42E-03	9.74E-04	3.06E-01	5.52E-02	3.82E-01	6.86E-02
854 Gridded	7.06E-03	8.54E-04	6.63E-06	9.51E-07	3.41E-03	4.33E-04	7.43E-03	9.19E-04	7.38E-03	9.09E-04	7.04E-03	8.51E-04	8.62E-03	1.13E-03	8.62E-03	1.13E-03	1.31E-02	1.58E-03	7.43E-03	9.19E-04	9.20E-05	1.32E-05	7.05E-03	8.53E-04	6.29E-05	9.02E-06	7.06E-03	8.55E-04	2.51E-01	6.00E-02	3.98E-01	6.85E-02
855 Gridded	5.27E-03	1.06E-03	7.12E-06	1.22E-06	2.56E-03	5.39E-04	5.52E-03	1.14E-03	5.48E-03	1.13E-03	5.25E-03	1.05E-03	6.66E-03	1.41E-03	6.66E-03	1.41E-03	9.76E-03	1.96E-03	5.52E-03	1.14E-03	9.87E-05	1.69E-05	5.26E-03	1.06E-03	6.75E-05	1.16E-05	5.27E-03	1.06E-03	3.23E-01	7.82E-02	4.47E-01	8.01E-02
856 Gridded	5.11E-03	1.24E-03	5.45E-06	1.30E-06	2.53E-03	6.24E-04	5.44E-03	1.33E-03	5.39E-03	1.32E-03	5.09E-03	1.24E-03	6.49E-03	1.61E-03	6.49E-03	1.61E-03	9.47E-03	2.30E-03	5.44E-03	1.33E-03	7.56E-05	1.80E-05	5.10E-03	1.24E-03	5.17E-05	1.23E-05	5.11E-03	1.24E-03	2.93E-01	6.88E-02	3.39E-01	6.87E-02
857 Gridded	4.96E-03	1.01E-03	4.48E-06	8.67E-07	2.44E-03	4.95E-04	5.27E-03	1.07E-03	5.22E-03	1.06E-03	4.95E-03	1.01E-03	6.25E-03	1.26E-03	6.25E-03	1.26E-03	9.20E-03	1.88E-03	5.27E-03	1.07E-03	6.21E-05	1.20E-05	4.96E-03	1.01E-03	4.25E-05	8.23E-06	4.97E-03	1.01E-03	2.60E-01	6.60E-02	3.85E-01	8.79E-02
858 Gridded	4.14E-03	8.23E-04	3.72E-06	8.36E-07	2.04E-03	4.07E-04	4.39E-03	8.75E-04	4.35E-03	8.68E-04	4.12E-03	8.20E-04	5.20E-03	1.05E-03	5.20E-03	1.05E-03	7.67E-03	1.52E-03	4.39E-03	8.75E-04	5.16E-05	1.16E-05	4.13E-03	8.21E-04	3.53E-05	7.93E-06	4.14E-03	8.23E-04	2.30E-01	6.30E-02	3.64E-01	8.85E-02
859 Gridded	3.51E-03	1.17E-03	3.59E-06	1.16E-06	1.71E-03	5.77E-04	3.71E-03	1.24E-03	3.68E-03	1.23E-03	3.50E-03	1.17E-03	4.34E-03	1.47E-03	4.34E-03	1.47E-03	6.51E-03	2.18E-03	3.71E-03	1.24E-03	4.98E-05	1.61E-05	3.51E-03	1.17E-03	3.41E-05	1.10E-05	3.52E-03	1.18E-03	2.47E-01	8.35E-02	3.71E-01	1.15E-01
860 Gridded	3.57E-03	1.16E-03	3.71E-06	1.43E-06	1.75E-03	5.72E-04	3.78E-03	1.22E-03	3.75E-03	1.21E-03	3.56E-03	1.15E-03	4.47E-03	1.51E-03	4.47E-03	1.51E-03	6.62E-03	2.15E-03	3.78E-03	1.22E-03	5.15E-05	1.99E-05	3.57E-03	1.16E-03	3.52E-05	1.36E-05	3.58E-03	1.16E-03	2.29E-01	8.54E-02	3.37E-01	1.00E-01
861 Gridded	4.08E-03	1.24E-03	3.86E-06	1.41E-06	2.01E-03	6.30E-04	4.33E-03	1.33E-03	4.29E-03	1.32E-03	4.06E-03	1.23E-03	5.14E-03	1.64E-03	5.14E-03	1.64E-03	7.55E-03	2.29E-03	4.33E-03	1.33E-03	5.35E-05	1.96E-05	4.07E-03	1.24E-03	3.66E-05	1.34E-05	4.08E-03	1.24E-03	2.41E-01	7.61E-02	3.07E-01	1.01E-01
862 Gridded	3.83E-03	1.23E-03	4.51E-06	1.19E-06	1.96E-03	5.97E-04	4.13E-03	1.30E-03	4.09E-03	1.29E-03	3.82E-03	1.22E-03	5.10E-03	1.52E-03	5.10E-03	1.52E-03	7.10E-03	2.27E-03	4.13E-03	1.30E-03	6.25E-05	1.66E-05	3.83E-03	1.23E-03	4.28E-05	1.13E-05	3.84E-03	1.23E-03	2.32E-01	8.70E-02	3.08E-01	1.01E-01
863 Gridded	5.56E-03	1.49E-03	7.12E-06	1.10E-06	2.89E-03	7.14E-04	6.04E-03	1.56E-03	5.97E-03	1.55E-03	5.53E-03	1.48E-03	7.60E-03	1.80E-03	7.60E-03	1.80E-03	1.03E-02	2.75E-03	6.04E-03	1.56E-03	9.87E-05	1.52E-05	5.55E-03	1.48E-03	6.76E-05	1.04E-05	5.57E-03	1.49E-03	2.59E-01	9.04E-02	4.47E-01	9.03E-02
864 Gridded	7.69E-03	1.69E-03	7.78E-06	1.50E-06	3.85E-03	8.03E-04	8.22E-03	1.76E-03	8.14E-03	1.75E-03	7.66E-03	1.68E-03	9.92E-03	2.01E-03	9.92E-03	2.01E-03	1.42E-02	3.13E-03	8.22E-03	1.76E-03	1.08E-04	2.08E-05	7.68E-03	1.69E-03	7.39E-05	1.42E-05	7.70E-03	1.69E-03	4.01E-01	8.54E-02	6.09E-01	9.27E-02
865 Gridded	6.11E-03	1.64E-03	7.12E-06	1.77E-06	2.99E-03	8.13E-04	6.47E-03	1.75E-03	6.42E-03	1.73E-03	6.09E-03	1.63E-03	7.79E-03	2.09E-03	7.79E-03	2.09E-03	1.13E-02	3.04E-03	6.47E-03	1.75E-03	9.87E-05	2.46E-05	6.11E-03	1.64E-03	6.75E-05	1.68E-05	6.12E-03	1.64E-03	3.92E-01	9.09E-02	5.07E-01	9.54E-02
866 Gridded	6.40E-03	1.64E-03	7.49E-06	1.52E-06	3.23E-03	8.04E-04	6.86E-03	1.73E-03	6.80E-03	1.72E-03	6.38E-03	1.63E-03	8.36E-03	2.05E-03	8.36E-03	2.05E-03	1.19E-02	3.03E-03	6.86E-03	1.73E-03	1.04E-04	2.11E-05	6.39E-03	1.63E-03	7.10E-05	1.45E-05	6.41E-03	1.64E-03	3.27E-01	8.40E-02	3.79E-01	8.10E-02
867 Gridded	7.81E-03	1.46E-03	7.18E-06	1.22E-06	3.85E-03	7.12E-04	8.29E-03	1.54E-03	8.22E-03	1.53E-03	7.78E-03	1.46E-03	9.86E-03	1.81E-03	9.86E-03	1.81E-03	1.45E-02	2.71E-03	8.29E-03	1.54E-03	9.95E-05	1.70E-05	7.80E-03	1.46E-03	6.81E-05	1.16E-05	7.81E-03	1.46E-03	3.39E-01	7.18E-02	3.49E-01	6.42E-02
868 Gridded	4.24E-03	5.79E-04	3.99E-06	5.59E-07	2.10E-03	2.87E-04	4.51E-03	6.17E-04	4.47E-03	6.11E-04	4.22E-03	5.77E-04	5.38E-03	7.38E-04	5.38E-03	7.38E-04	7.85E-03	1.07E-03	4.51E-03	6.17E-04	5.54E-05	7.75E-06	4.23E-03	5.78E-04	3.79E-05	5.30E-06	4.24E-03	5.80E-04	1.69E-01	2.70E-02	2.29E-01	3.28E-02
869 Gridded	4.92E-03	6.04E-04	4.44E-06	5.86E-07	2.41E-03	3.00E-04	5.20E-03	6.44E-04	5.16E-03	6.38E-04	4.90E-03	6.02E-04	6.13E-03	7.72E-04	6.13E-03	7.72E-04	9.12E-03	1.12E-03	5.20E-03	6.44E-04	6.15E-05	8.13E-06	4.91E-03	6.03E-04	4.21E-05	5.56E-06	4.92E-03	6.04E-04	1.57E-01	2.56E-02	2.16E-01	3.30E-02
870 Gridded	5.04E-03	6.19E-04	4.64E-06	5.91E-07	2.44E-03	3.07E-04	5.31E-03	6.59E-04	5.28E-03	6.54E-04	5.03E-03	6.17E-04	6.19E-03	7.89E-04	6.19E-03	7.89E-04	9.35E-03	1.15E-03	5.31E-03	6.59E-04	6.44E-05	8.20E-06	5.04E-03	6.19E-04	4.40E-05	5.61E-06	5.05E-03	6.20E-04	1.33E-01	2.52E-02	2.12E-01	3.43E-02
871 Gridded	4.79E-03	6.23E-04	4.35E-06	5.76E-07	2.29E-03	3.07E-04	5.02E-03	6.61E-04	4.99E-03	6.56E-04	4.77E-03	6.20E-04	5.77E-03	7.87E-04	5.77E-03	7.87E-04	8.87E-03	1.15E-03	5.02E-03	6.61E-04	6.03E-05	7.98E-06	4.78E-03	6.22E-04	4.12E-05	5.46E-06	4.79E-03	6.23E-04	1.26E-01	2.82E-02	2.41E-01	3.55E-02
872 Gridded	4.06E-03	5.87E-04	3.47E-06	5.13E-07	1.98E-03	2.88E-04	4.29E-03	6.22E-04	4.26E-03	6.17E-04	4.05E-03	5.86E-04	5.05E-03	7.35E-04	5.05E-03	7.35E-04	7.52E-03	1.09E-03	4.29E-03	6.22E-04	4.82E-05	7.12E-06	4.05E-03	5.87E-04	3.30E-05	4.87E-06	4.06E-03	5.88E-04	1.50E-01	2.95E-02	2.49E-01	4.06E-02
873 Gridded	3.77E-03	5.50E-04	3.33E-06	5.22E-07	1.79E-03	2.69E-04	3.93E-03	5.82E-04	3.91E-03	5.77E-04	3.76E-03	5.48E-04	4.48E-03	6.86E-04	4.48E-03	6.86E-04	6.98E-03	1.02E-03	3.93E-03	5.82E-04	4.62E-05	7.25E-06	3.76E-03	5.49E-04	3.16E-05	4.96E-06	3.77E-03	5.50E-04	1.75E-01	2.85E-02	2.76E-01	4.44E-02
874 Gridded	3.09E-03	5.37E-04	3.89E-06	5.02E-07	1.54E-03	2.65E-04	3.29E-03	5.71E-04	3.26E-03	5.66E-04	3.08E-03	5.35E-04	3.98E-03	6.81E-04	3.98E-03	6.81E-04	5.73E-03	9.94E-04	3.29E-03	5.71E-04	5.40E-05	6.97E-06	3.09E-03	5.36E-04	3.70E-05	4.77E-06	3.09E-03	5.37E-04	1.72E-01	2.53E-02	2.27E-01	4.26E-02
875 Gridded	3.42E-03	5.17E-04	4.06E-06	5.28E-07	1.72E-03	2.54E-04	3.66E-03	5.48E-04	3.62E-03	5.44E-04	3.40E-03	5.15E-04	4.44E-03	6.48E-04	4.44E-03	6.48E-04	6.33E-03	9.58E-04	3.66E-03	5.48E-04	5.63E-05	7.32E-06	3.41E-03	5.16E-04	3.85E-05	5.01E-06	3.42E-03	5.17E-04	1.55E-01	2.36E-02	2.80E-01	3.55E-02
876 Gridded	3.54E-03	5.14E-04	4.04E-06	7.04E-07	1.80E-03	2.51E-04	3.81E-03	5.43E-04	3.77E-03	5.39E-04	3.53E-03	5.13E-04	4.69E-03	6.38E-04	4.69E-03	6.38E-04	6.56E-03	9.53E-04	3.81E-03	5.43E-04	5.60E-05	9.77E-06	3.54E-03	5.13E-04	3.83E-05	6.68E-06	3.54E-03	5.14E-04	1.44E-01	2.92E-02	3.54E-01	4.00E-02
877 Gridded	3.46E-03	5.83E-04	3.98E-06	8.42E-07	1.76E-03	3.09E-04	3.72E-03	6.40E-04	3.69E-03	6.32E-04	3.44E-03	5.80E-04	4.60E-03	8.24E-04	4.60E-03	8.24E-04	6.40E-03	1.08E-03	3.72E-03	6.40E-04	5.52E-05	1.17E-05	3.45E-03	5.82E-04	3.77E-05	7.99E-06	3.46E-03	5.84E-04	1.53E-01	3.43E-02	3.71E-01	4.66E-02
878 Gridded	3.58E-03	7.44E-04	4.30E-06	8.16E-07	1.69E-03	3.76E-04	3.73E-03	7.99E-04	3.71E-03	7.91E-04	3.57E-03	7.41E-04	4.23E-03	9.77E-04	4.23E-03	9.77E-04	6.63E-03	1.38E-03	3.73E-03	7.99E-04	5.97E-05	1.13E-05	3.57E-03	7.43E-04	4.08E-05	7.75E-06	3.58E-03	7.45E-04	1.57E-01	4.01E-02	3.35E-01	5.56E-02
879 Gridded	3.69E-03	7.93E-04	5.02E-06	7.64E-07	1.83E-03	3.85E-04	3.93E-03	8.36E-04	3.90E-03	8.30E-04	3.68E-03	7.90E-04	4.71E-03	9.75E-04	4.71E-03	9.75E-04	6.84E-03	1.47E-03	3.93E-03	8.36E-04	6.96E-05	1.06E-05	3.69E-03	7.92E-04	4.76E-05	7.25E-06	3.70E-03	7.93E-04	1.92E-01	4.49E-02	3.03E-01	6.85E-02
880 Gridded	4.61E-03	7.73E-04	5.75E-06	7.86E-07	2.36E-03	3.87E-04	4.98E-03	8.26E-04	4.93E-03	8.18E-04	4.59E-03	7.70E-04	6.16E-03	9.98E-04	6.16E-03	9.98E-04	8.54E-03	1.43E-03	4.98E-03	8.26E-04	7.98E-05	1.09E-05	4.60E-03	7.72E-04	5.46E-05	7.46E-06	4.62E-03	7.73E-04	2.22E-01	4.34E-02	2.81E-01	6.66E-02
881 Gridded	6.07E-03	6.91E-04	6.76E-06	8.40E-07	3.08E-03	3.48E-04	6.52E-03	7.41E-04	6.46E-03	7.34E-04	6.04E-03	6.89E-04	8.01E-03	9.00E-04	8.01E-03	9.00E-04	1.12E-02	1.28E-03	6.52E-03	7.41E-04	9.38E-05	1.16E-05	6.06E-03	6.90E-04	6.42E-05	7.97E-06	6.07E-03	6.92E-04	2.38E-01	4.13E-02	3.32E-01	5.31E-02
882 Gridded	7.08E-03	6.86E-04	6.82E-06	8.38E-07	3.51E-03	3.53E-04	7.54E-03	7.43E-04	7.47E-03	7.35E-04	7.05E-03	6.83E-04	9.03E-03	9.26E-04	9.03E-03	9.26E-04	1.31E-02	1.27E-03	7.54E-03	7.43E-04	9.46E-05	1.16E-05	7.07E-03	6.85E-04	6.47E-05	7.95E-06	7.08E-03	6.87E-04	3.00E-01	4.35E-02	4.74E-01	5.88E-02
883 Gridded	8.88E-03	5.79E-04	1.14E-05	7.98E-07	4.61E-03	3.02E-04	9.65E-03	6.26E-04	9.54E-03	6.19E-04	8.84E-03	5.77E-04	1.21E-02	8.01E-04	1.21E-02	8.01E-04	1.64E-02	1.07E-03	9.65E-03	6.26E-04	1.58E-04	1.11E-05	8.86E-03	5.78E-04	1.08E-04	7.57E-06	8.89E-03	5.79E-04	4.50E-01	3.92E-02	6.04E-01	5.92E-02
884 Gridded	1.31E-02	8.68E-04	1.26E-05	6.60E-07	6.51E-03	4.13E-04	1.40E-02	9.07E-04	1.38E-02	9.02E-04	1.31E-02	8.65E-04	1.67E-02	1.04E-03	1.67E-02	1.04E-03	2.43E-02	1.61E-03	1.40E-02	9.07E-04	1.75E-04	9.16E-06	1.31E-02	8.67E-04	1.20E-04	6.27E-06	1.31E-02	8.68E-04	4.44E-01	3.77E-02	4.37E-01	6.12E-02
885 Gridded	9.56E-03	6.56E-04	6.61E-06	6.69E-07	4.56E-03	2.96E-04	1.00E-02	6.70E-04	9.94E-03	6.68E-04	9.54E-03	6.55E-04	1.15E-02	7.47E-04	1.15E-02	7.47E-04	1.77E-02	1.22E-03	1.00E-02	6.70E-04	9.16E-05	9.27E-06	9.55E-03	6.56E-04	6.27E-05	6.34E-06	9.57E-03	6.56E-04	2.60E-01	4.88E-02	4.53E-01	8.00E-02
886 Gridded	6.14E-03	8.15E-04	6.09E-06	8.13E-07	3.06E-03	4.07E-04	6.55E-03	8.69E-04	6.49E-03	8.62E-04	6.11E-03	8.12E-04	7.88E-03	1.05E-03	7.88E-03	1.05E-03	1.14E-02	1.51E-03	6.55E-03	8.69E-04	8.44E-05	1.13E-05	6.13E-03	8.13E-04	5.77E-05	7.71E-06	6.14E-03	8.15E-04	3.19E-01	6.37E-02	5.46E-01	1.13E-01
887 Gridded	7.05E-03	9.65E-04	8.12E-06	9.62E-07	3.59E-03	4.82E-04	7.59E-03	1.03E-03	7.52E-03	1.02E-03	7.03E-03	9.62E-04	9.37E-03	1.24E-03	9.37E-03	1.24E-03	1.31E-02	1.79E-03	7.59E-03	1.03E-03	1.13E-04	1.33E-05	7.04E-03	9.64E-04	7.70E-05	9.13E-06	7.06E-03	9.66E-04	4.19E-01	6.27E-02	6.84E-01	1.09E-01
888 Gridded	6.85E-03	7.69E-04	8.75E-06	1.47E-06	3.35E-03	4.33E-04	7.24E-03	8.67E-04	7.19E-03	8.54E-04	6.83E-03	7.63E-04	8.53E-03	1.19E-03	8.53E-03	1.19E-03	1.27E-02	1.42E-03	7.24E-03	8.67E-04	1.21E-04	2.03E-05	6.84E-03	7.66E-04	8.30E-05	1.39E-05	6.85E-03	7.70E-04	3.91E-01	4.25E-02	5.09E-01	6.14E-02
889 Gridded	7.80E-03	1.16E-03	9.21E-06	1.43E-06	4.00E-03	5.66E-04	8.43E-03	1.22E-03	8.34E-03	1.22E-03	7.77E-03	1.15E-03	1.04E-02	1.44E-03	1.04E-02	1.44E-03	1.45E-02	2.15E-03	8.43E-03	1.22E-03	1.28E-04	1.99E-05	7.79E-03	1.16E-03	8.74E-05	1.36E-05	7.81E-03	1.16E-03	3.33E-01	4.58E-02	6.20E-01	7.40E-02
890 Gridded	7.28E-03	1.07E-03	1.01E-05	6.19E-07	3.39E-03	4.96E-04	7.42E-03	1.11E-03	7.40E-03	1.10E-03	7.27E-03	1.07E-03	9.08E-03	1.22E-03	9.08E-03	1.22E-03	1.35E-02	1.98E-03	7.42E-03	1.11E-03	1.40E-04	8.58E-06	7.28E-03	1.07E-03	9.60E-05	5.87E-06	7.28E-03	1.07E-03	4.19E-01	3.52E-02	7.34E-01	5.05E-02
891 Gridded	8.62E-03	5.13E-04	6.42E-06	6.42E-07	4.05E-03	2.60E-04	8.96E-03	5.45E-04	8.92E-03	5.39E-04	8.60E-03	5.12E-04	1.01E-02	6.86E-04	1.01E-02	6.86E-04	1.60E-02	9.52E-04	8.96E-03	5.45E-04	8.90E-05	8.91E-06	8.62E-03	5.13E-04	6.09E-05	6.10E-06	8.63E-03	5.14E-04	3.50E-01	3.54E-02	5.28E-01	5.97E-02
892 Gridded	6.60E-03	5.56E-04	6.96E-06	6.93E-07	3.27E-03	2.77E-04	7.03E-03	5.93E-04	6.97E-03	5.88E-04	6.58E-03	5.54E-04	8.39E-03	7.15E-04	8.39E-03	7.15E-04	1.22E-02	1.03E-03	7.03E-03	5.93E-04	9.66E-05	9.60E-06	6.60E-03	5.55E-04	6.61E-05	6.57E-06	6.61E-03	5.56E-04	3.33E-01	4.70E-02	6.47E-01	6.58E-02
893 Gridded	5.84E-03	6.64E-04	6.93E-06	8.11E-07	2.86E-03	3.42E-04	6.18E-03	7.19E-04	6.13E-03	7.11E-04	5.82E-03	6.61E-04	7.27E-03	8.96E-04	7.27E-03	8.96E-04	1.08E-02	1.23E-03	6.18E-03	7.19E-04	9.61E-05	1.12E-05	5.83E-03	6.63E-04	6.58E-05	7.69E-06	5.84E-03	6.65E-04	3.46E-01	5.31E-02	8.51E-01	1.10E-01
894 Gridded	8.23E-03	6.79E-04	6.53E-06	7.74E-07	3.99E-03	3.46E-04	8.67E-03	7.32E-04	8.61E-03	7.24E-04	8.21E-03	6.76E-04	1.01E-02	9.01E-04	1.01E-02	9.01E-04	1.53E-02	1.26E-03	8.67E-03	7.32E-04	9.05E-05	1.07E-05	8.22E-03	6.78E-04	6.19E-05	7.34E-06	8.24E-03	6.80E-04	4.21E-01	4.50E-02	7.05E-01	9.23E-02
895 Gridded	6.16E-03	5.80E-04	6.05E-06	6.54E-07	2.79E-03	2.95E-04	6.31E-03	6.25E-04	6.29E-03	6.18E-04	6.16E-03	5.78E-04	6.77E-03	7.68E-04	6.77E-03	7.68E-04	1.14E-02	1.08E-03	6.31E-03	6.25E-04	8.39E-05	9.06E-06	6.16E-03	5.79E-04	5.74E-05	6.20E-06	6.16E-03	5.81E-04	2.62E-01	4.84E-02	6.31E-01	7.04E-02
896 Gridded	5.43E-03	5.51E-04	7.11E-06	6.10E-07	2.59E-03	2.71E-04	5.68E-03	5.84E-04	5.65E-03	5.79E-04	5.42E-03	5.49E-04	6.48E-03	6.91E-04	6.48E-03	6.91E-04	1.01E-02	1.02E-03	5.68E-03	5.84E-04	9.86E-05	8.45E-06	5.43E-03	5.50E-04	6.75E-05	5.78E-06	5.44E-03	5.52E-04	2.70E-01	4.51E-02	7.02E-01	8.25E-02
897 Gridded	6.02E-03	5.43E-04	7.47E-06	6.24E-07	3.11E-03	2.77E-04	6.52E-03	5.85E-04	6.45E-03	5.79E-04	5.99E-03	5.41E-04	8.16E-03	7.22E-04	8.16E-03	7.22E-04	1.11E-02	1.01E-03	6.52E-03	5.85E-04	1.04E-04	8.65E-06	6.00E-03	5.42E-04	7.09E-05	5.92E-06	6.02E-03	5.44E-04	2.91E-01	4.16E-02	6.40E-01	6.16E-02
898 Gridded	6.77E-03	6.50E-04	7.55E-06	7.10E-07	3.29E-03	3.29E-04	7.15E-03	6.98E-04	7.09E-03	6.91E-04	6.75E-03	6.47E-04	8.35E-03	8.53E-04	8.35E-03	8.53E-04	1.26E-02	1.20E-03	7.15E-03	6.98E-04	1.05E-04	9.85E-06	6.77E-03	6.49E-04	7.17E-05	6.74E-06	6.78E-03	6.50E-04	3.08E-01	3.62E-02	5.15E-01	4.60E-02
899 Gridded	5.34E-03	6.41E-04	8.89E-06	6.08E-07	2.57E-03	3.13E-04	5.55E-03	6.77E-04	5.52E-03	6.72E-04	5.32E-03	6.39E-04	7.09E-03	7.95E-04	7.09E-03	7.95E-04	9.90E-03	1.19E-03	5.55E-03	6.77E-04	1.23E-04	8.43E-06	5.33E-03	6.40E-04	8.44E-05	5.77E-06	5.34E-03	6.41E-04	2.95E-01	2.71E-02	5.03E-01	4.87E-02
900 Gridded	4.00E-03	4.77E-04	7.53E-06	8.76E-07	2.11E-03	2.47E-04	4.25E-03	5.18E-04	4.22E-03	5.12E-04	3.98E-03	4.75E-04	5.85E-03	6.49E-04	5.85E-03	6.49E-04	7.40E-03	8.84E-04	4.25E-03	5.18E-04	1.04E-04	1.22E-05	3.99E-03	4.76E-04	7.14E-05	8.31E-06	4.00E-03	4.78E-04	2.76E-01	3.43E-02	4.12E-01	5.12E-02
901 Gridded	6.07E-03	8.42E-04	6.94E-06	8.03E-07	3.03E-03	4.18E-04	6.48E-03	8.96E-04	6.42E-03	8.88E-04	6.05E-03	8.39E-04	7.80E-03	1.07E-03	7.80E-03	1.07E-03	1.13E-02	1.56E-03	6.48E-03	8.96E-04	9.62E-05	1.11E-05	6.07E-03	8.41E-04	6.58E-05	7.62E-06	6.08E-03	8.42E-04	3.01E-01	4.81E-02	4.98E-01	5.21E-02
902 Gridded	5.86E-03	1.13E-03	8.52E-06	1.02E-06	3.08E-03	5.56E-04	6.35E-03	1.20E-03	6.27E-03	1.19E-03	5.83E-03	1.13E-03	8.21E-03	1.42E-03	8.21E-03	1.42E-03	1.08E-02	2.09E-03	6.35E-03	1.20E-03	1.18E-04	1.41E-05	5.85E-03	1.13E-03	8.08E-05	9.64E-06	5.86E-03	1.13E-03	3.16E-01	6.29E-02	5.49E-01	6.70E-02
903 Gridded	8.00E-03	1.06E-03	8.27E-06	9.82E-07	4.01E-03	5.19E-04	8.55E-03	1.12E-03	8.47E-03	1.11E-03	7.96E-03	1.06E-03	1.04E-02	1.32E-03	1.04E-02	1.32E-03	1.48E-02	1.97E-03	8.55E-03	1.12E-03	1.15E-04	1.36E-05	7.98E-03	1.06E-03	7.84E-05	9.32E-06	8.00E-03	1.06E-03	3.32E-01	6.36E-02	3.92E-01	8.03E-02
904 Gridded	7.75E-03	1.01E-03	7.04E-06	1.07E-06	3.76E-03	5.09E-04	8.17E-03	1.08E-03	8.11E-03	1.07E-03	7.73E-03	1.01E-03	9.53E-03	1.32E-03	9.53E-03	1.32E-03	1.44E-02	1.87E-03	8.17E-03	1.08E-03	9.76E-05	1.49E-05	7.74E-03	1.01E-03	6.68E-05	1.02E-05	7.76E-03	1.01E-03	2.91E-01	7.23E-02	4.38E-01	7.85E-02
905 Gridded	5.76E-03	1.25E-03	7.71E-06	1.42E-06	2.79E-03	6.38E-04	6.04E-03	1.35E-03	6.00E-03	1.34E-03	5.75E-03	1.25E-03	7.25E-03	1.66E-03	7.25E-03	1.66E-03	1.07E-02	2.32E-03	6.04E-03	1.35E-03	1.07E-04	1.97E-05	5.76E-03	1.25E-03	7.32E-05	1.35E-05	5.77E-03	1.26E-03	3.62E-01	8.58E-02	4.72E-01	8.43E-02
906 Gridded	5.80E-03	1.42E-03	5.73E-06	1.36E-06	2.88E-03	7.04E-04	6.18E-03	1.51E-03	6.13E-03	1.50E-03	5.78E-03	1.41E-03	7.40E-03	1.81E-03	7.40E-03	1.81E-03	1.08E-02	2.63E-03	6.18E-03	1.51E-03	7.95E-05	1.89E-05	5.79E-03	1.42E-03	5.44E-05	1.29E-05	5.81E-03	1.42E-03	2.93E-01	7.07E-02	3.99E-01	9.55E-02
907 Gridded	5.25E-03	1.07E-03	4.82E-06	1.01E-06	2.59E-03	5.29E-04	5.58E-03	1.14E-03	5.53E-03	1.13E-03	5.24E-03	1.07E-03	6.64E-03	1.36E-03	6.64E-03	1.36E-03	9.74E-03	1.98E-03	5.58E-03	1.14E-03	6.69E-05	1.40E-05	5.25E-03	1.07E-03	4.57E-05	9.60E-06	5.26E-03	1.07E-03	2.84E-01	7.90E-02	3.72E-01	1.01E-01
908 Gridded	4.48E-03	1.34E-03	4.00E-06	1.25E-06	2.20E-03	6.61E-04	4.75E-03	1.42E-03	4.71E-03	1.41E-03	4.46E-03	1.34E-03	5.62E-03	1.69E-03	5.62E-03	1.69E-03	8.30E-03	2.49E-03	4.75E-03	1.42E-03	5.54E-05	1.73E-05	4.47E-03	1.34E-03	3.79E-05	1.18E-05	4.48E-03	1.34E-03	2.82E-01	9.12E-02	4.20E-01	1.29E-01
909 Gridded	3.40E-03	1.15E-03	3.28E-06	1.35E-06	1.67E-03	5.63E-04	3.61E-03	1.22E-03	3.58E-03	1.21E-03	3.39E-03	1.15E-03	4.27E-03	1.44E-03	4.27E-03	1.44E-03	6.30E-03	2.13E-03	3.61E-03	1.22E-03	4.54E-05	1.87E-05	3.40E-03	1.15E-03	3.11E-05	1.28E-05	3.40E-03	1.15E-03	2.25E-01	8.39E-02	3.39E-01	1.01E-01
910 Gridded	4.14E-03	1.31E-03	3.91E-06	1.52E-06	2.05E-03	6.70E-04	4.41E-03	1.41E-03	4.37E-03	1.40E-03	4.13E-03	1.31E-03	5.26E-03	1.75E-03	5.26E-03	1.75E-03	7.68E-03	2.43E-03	4.41E-03	1.41E-03	5.42E-05	2.11E-05	4.14E-03	1.31E-03	3.71E-05	1.44E-05	4.15E-03	1.31E-03	2.59E-01	8.59E-02	3.41E-01	1.12E-01
911 Gridded	3.96E-03	1.32E-03	4.43E-06	1.23E-06	1.94E-03	6.40E-04	4.17E-03	1.39E-03	4.14E-03	1.38E-03	3.94E-03	1.31E-03	5.08E-03	1.62E-03	5.08E-03	1.62E-03	7.33E-03	2.44E-03	4.17E-03	1.39E-03	6.14E-05	1.71E-05	3.95E-03	1.32E-03	4.20E-05	1.17E-05	3.96E-03	1.32E-03	2.47E-01	9.26E-02	3.30E-01	1.04E-01
912 Gridded	3.84E-03	1.17E-03	5.57E-06	8.72E-07	2.04E-03	5.59E-04	4.22E-03	1.22E-03	4.16E-03	1.22E-03	3.82E-03	1.17E-03	5.44E-03	1.41E-03	5.44E-03	1.41E-03	7.11E-03	2.17E-03	4.22E-03	1.22E-03	7.73E-05	1.21E-05	3.83E-03	1.17E-03	5.29E-05	8.27E-06	3.85E-03	1.17E-03	2.22E-01	7.40E-02	3.81E-01	7.17E-02
913 Gridded	4.44E-03	1.01E-03	5.71E-06	1.07E-06	2.31E-03	5.06E-04	4.83E-03	1.08E-03	4.78E-03	1.07E-03	4.42E-03	1.01E-03	6.08E-03	1.31E-03	6.08E-03	1.31E-03	8.23E-03	1.87E-03	4.83E-03	1.08E-03	7.92E-05	1.48E-05	4.44E-03	1.01E-03	5.42E-05	1.01E-05	4.45E-03	1.01E-03	2.92E-01	7.01E-02	5.19E-01	7.93E-02
914 Gridded	5.13E-03	1.44E-03	5.68E-06	1.36E-06	2.48E-03	7.11E-04	5.40E-03	1.53E-03	5.36E-03	1.52E-03	5.11E-03	1.43E-03	6.29E-03	1.82E-03	6.29E-03	1.82E-03	9.51E-03	2.66E-03	5.40E-03	1.53E-03	7.87E-05	1.89E-05	5.12E-03	1.44E-03	5.39E-05	1.29E-05	5.13E-03	1.44E-03	3.72E-01	8.83E-02	5.51E-01	9.10E-02
915 Gridded	7.18E-03	2.03E-03	7.59E-06	1.69E-06	3.62E-03	9.88E-04	7.70E-03	2.14E-03	7.62E-03	2.13E-03	7.16E-03	2.02E-03	9.36E-03	2.51E-03	9.36E-03	2.51E-03	1.33E-02	3.76E-03	7.70E-03	2.14E-03	1.05E-04	2.35E-05	7.17E-03	2.02E-03	7.21E-05	1.61E-05	7.19E-03	2.03E-03	3.76E-01	1.04E-01	4.21E-01	9.38E-02
916 Gridded	9.26E-03	2.00E-03	1.03E-05	1.53E-06	4.70E-03	9.64E-04	9.96E-03	2.10E-03	9.86E-03	2.09E-03	9.22E-03	1.99E-03	1.22E-02	2.43E-03	1.22E-02	2.43E-03	1.72E-02	3.70E-03	9.96E-03	2.10E-03	1.43E-04	2.12E-05	9.25E-03	1.99E-03	9.78E-05	1.45E-05	9.27E-03	2.00E-03	4.66E-01	9.26E-02	4.84E-01	8.62E-02
917 Gridded	1.02E-02	1.44E-03	8.96E-06	1.05E-06	5.01E-03	6.93E-04	1.08E-02	1.51E-03	1.07E-02	1.50E-03	1.02E-02	1.44E-03	1.28E-02	1.74E-03	1.28E-02	1.74E-03	1.89E-02	2.67E-03	1.08E-02	1.51E-03	1.24E-04	1.46E-05	1.02E-02	1.44E-03	8.50E-05	9.99E-06	1.02E-02	1.44E-03	4.29E-01	7.71E-02	3.27E-01	8.75E-02
918 Gridded	6.91E-03	1.05E-03	5.56E-06	8.46E-07	3.31E-03	5.06E-04	7.25E-03	1.10E-03	7.20E-03	1.10E-03	6.89E-03	1.05E-03	8.33E-03	1.28E-03	8.33E-03	1.28E-03	1.28E-02	1.95E-03	7.25E-03	1.10E-03	7.72E-05	1.17E-05	6.90E-03	1.05E-03	5.28E-05	8.03E-06	6.92E-03	1.05E-03	2.65E-01	7.81E-02	3.18E-01	8.89E-02
919 Gridded	3.43E-03	5.61E-04	3.68E-06	5.62E-07	1.63E-03	2.77E-04	3.59E-03	5.95E-04	3.57E-03	5.91E-04	3.43E-03	5.59E-04	4.10E-03	7.07E-04	4.10E-03	7.07E-04	6.37E-03	1.04E-03	3.59E-03	5.95E-04	5.11E-05	7.80E-06	3.43E-03	5.60E-04	3.50E-05	5.34E-06	3.44E-03	5.61E-04	2.19E-01	3.03E-02	2.98E-01	3.59E-02
920 Gridded	3.98E-03	5.99E-04	4.23E-06	6.33E-07	2.01E-03	2.96E-04	4.27E-03	6.37E-04	4.23E-03	6.32E-04	3.97E-03	5.97E-04	5.19E-03	7.59E-04	5.19E-03	7.59E-04	7.38E-03	1.11E-03	4.27E-03	6.37E-04	5.87E-05	8.78E-06	3.98E-03	5.98E-04	4.01E-05	6.01E-06	3.99E-03	6.00E-04	2.28E-01	3.09E-02	2.69E-01	3.71E-02
921 Gridded	4.91E-03	6.28E-04	4.69E-06	6.91E-07	2.44E-03	3.11E-04	5.23E-03	6.68E-04	5.18E-03	6.63E-04	4.89E-03	6.26E-04	6.25E-03	7.99E-04	6.25E-03	7.99E-04	9.10E-03	1.16E-03	5.23E-03	6.68E-04	6.50E-05	9.58E-06	4.90E-03	6.27E-04	4.45E-05	6.55E-06	4.91E-03	6.29E-04	2.08E-01	3.06E-02	2.46E-01	3.70E-02
922 Gridded	5.22E-03	6.33E-04	4.78E-06	7.01E-07	2.57E-03	3.20E-04	5.53E-03	6.79E-04	5.49E-03	6.72E-04	5.20E-03	6.31E-04	6.55E-03	8.33E-04	6.55E-03	8.33E-04	9.67E-03	1.17E-03	5.53E-03	6.79E-04	6.63E-05	9.72E-06	5.21E-03	6.33E-04	4.53E-05	6.65E-06	5.22E-03	6.34E-04	1.69E-01	2.88E-02	2.31E-01	3.52E-02
923 Gridded	4.94E-03	6.47E-04	4.92E-06	6.67E-07	2.41E-03	3.25E-04	5.22E-03	6.92E-04	5.18E-03	6.86E-04	4.93E-03	6.45E-04	6.13E-03	8.38E-04	6.13E-03	8.38E-04	9.16E-03	1.20E-03	5.22E-03	6.92E-04	6.82E-05	9.26E-06	4.94E-03	6.46E-04	4.67E-05	6.33E-06	4.95E-03	6.48E-04	1.50E-01	2.94E-02	2.47E-01	3.65E-02
924 Gridded	4.39E-03	6.47E-04	4.51E-06	6.14E-07	2.13E-03	3.20E-04	4.63E-03	6.88E-04	4.60E-03	6.82E-04	4.38E-03	6.44E-04	5.39E-03	8.22E-04	5.39E-03	8.22E-04	8.15E-03	1.20E-03	4.63E-03	6.88E-04	6.26E-05	8.51E-06	4.39E-03	6.46E-04	4.28E-05	5.83E-06	4.40E-03	6.47E-04	1.39E-01	3.25E-02	2.59E-01	4.12E-02
925 Gridded	4.10E-03	6.48E-04	3.81E-06	5.63E-07	2.03E-03	3.17E-04	4.35E-03	6.86E-04	4.32E-03	6.80E-04	4.08E-03	6.46E-04	5.19E-03	8.09E-04	5.19E-03	8.09E-04	7.59E-03	1.20E-03	4.35E-03	6.86E-04	5.29E-05	7.81E-06	4.09E-03	6.47E-04	3.62E-05	5.35E-06	4.10E-03	6.48E-04	1.52E-01	3.36E-02	2.70E-01	4.86E-02
926 Gridded	3.90E-03	6.21E-04	3.13E-06	5.59E-07	1.87E-03	3.01E-04	4.09E-03	6.54E-04	4.07E-03	6.50E-04	3.89E-03	6.19E-04	4.72E-03	7.63E-04	4.72E-03	7.63E-04	7.23E-03	1.15E-03	4.09E-03	6.54E-04	4.34E-05	7.75E-06	3.90E-03	6.20E-04	2.97E-05	5.30E-06	3.90E-03	6.21E-04	1.59E-01	3.19E-02	2.53E-01	5.15E-02
927 Gridded	3.40E-03	5.81E-04	3.30E-06	5.51E-07	1.59E-03	2.88E-04	3.53E-03	6.18E-04	3.51E-03	6.13E-04	3.39E-03	5.79E-04	3.95E-03	7.39E-04	3.95E-03	7.39E-04	6.30E-03	1.08E-03	3.53E-03	6.18E-04	4.57E-05	7.65E-06	3.40E-03	5.80E-04	3.13E-05	5.23E-06	3.40E-03	5.81E-04	1.58E-01	2.78E-02	2.56E-01	4.80E-02
928 Gridded	2.77E-03	5.85E-04	3.65E-06	6.38E-07	1.37E-03	2.88E-04	2.93E-03	6.20E-04	2.90E-03	6.15E-04	2.76E-03	5.83E-04	3.62E-03	7.34E-04	3.62E-03	7.34E-04	5.13E-03	1.08E-03	2.93E-03	6.20E-04	5.06E-05	8.85E-06	2.77E-03	5.84E-04	3.46E-05	6.05E-06	2.77E-03	5.86E-04	1.57E-01	2.76E-02	3.03E-01	3.90E-02
929 Gridded	2.83E-03	5.68E-04	3.81E-06	8.04E-07	1.47E-03	2.77E-04	3.08E-03	6.00E-04	3.04E-03	5.96E-04	2.82E-03	5.66E-04	3.86E-03	7.11E-04	3.86E-03	7.11E-04	5.25E-03	1.05E-03	3.08E-03	6.00E-04	5.29E-05	1.12E-05	2.83E-03	5.67E-04	3.62E-05	7.63E-06	2.84E-03	5.68E-04	1.49E-01	3.32E-02	3.77E-01	4.56E-02
930 Gridded	3.63E-03	7.09E-04	3.96E-06	9.34E-07	1.80E-03	3.70E-04	3.86E-03	7.72E-04	3.83E-03	7.63E-04	3.61E-03	7.06E-04	4.62E-03	9.77E-04	4.62E-03	9.77E-04	6.72E-03	1.31E-03	3.86E-03	7.72E-04	5.49E-05	1.30E-05	3.62E-03	7.08E-04	3.76E-05	8.86E-06	3.63E-03	7.10E-04	1.63E-01	4.01E-02	4.43E-01	5.30E-02
931 Gridded	3.92E-03	8.52E-04	4.93E-06	9.10E-07	1.94E-03	4.24E-04	4.13E-03	9.09E-04	4.09E-03	9.01E-04	3.91E-03	8.49E-04	5.01E-03	1.09E-03	5.01E-03	1.09E-03	7.27E-03	1.58E-03	4.13E-03	9.09E-04	6.83E-05	1.26E-05	3.92E-03	8.51E-04	4.68E-05	8.64E-06	3.92E-03	8.53E-04	1.97E-01	4.88E-02	4.30E-01	7.09E-02
932 Gridded	4.25E-03	7.82E-04	5.81E-06	7.90E-07	2.09E-03	3.87E-04	4.50E-03	8.26E-04	4.47E-03	8.18E-04	4.24E-03	7.80E-04	5.51E-03	9.99E-04	5.51E-03	9.99E-04	7.88E-03	1.45E-03	4.50E-03	8.26E-04	8.05E-05	1.10E-05	4.24E-03	7.81E-04	5.51E-05	7.50E-06	4.25E-03	7.83E-04	2.28E-01	4.92E-02	3.27E-01	7.70E-02
933 Gridded	5.69E-03	7.85E-04	6.57E-06	8.47E-07	2.90E-03	3.94E-04	6.13E-03	8.40E-04	6.07E-03	8.32E-04	5.66E-03	7.82E-04	7.57E-03	1.02E-03	7.57E-03	1.02E-03	1.05E-02	1.45E-03	6.13E-03	8.40E-04	9.11E-05	1.18E-05	5.68E-03	7.84E-04	6.23E-05	8.04E-06	5.69E-03	7.85E-04	2.56E-01	4.74E-02	3.40E-01	6.38E-02
934 Gridded	7.17E-03	6.72E-04	6.92E-06	8.38E-07	3.56E-03	3.47E-04	7.64E-03	7.28E-04	7.57E-03	7.20E-04	7.14E-03	6.69E-04	9.15E-03	9.12E-04	9.15E-03	9.12E-04	1.33E-02	1.24E-03	7.64E-03	7.28E-04	9.60E-05	1.16E-05	7.16E-03	6.71E-04	6.57E-05	7.95E-06	7.17E-03	6.73E-04	2.82E-01	4.56E-02	4.58E-01	6.27E-02

Scenario 4 Results

935	Gridded	7.15E-03	6.69E-04	1.01E-05	6.80E-07	3.78E-03	3.35E-04	7.84E-03	7.15E-04	7.74E-03	7.09E-04	7.12E-03	6.67E-04	1.01E-02	8.64E-04	1.01E-02	8.64E-04	1.32E-02	1.24E-03	7.84E-03	7.15E-04	1.41E-04	9.43E-06	7.14E-03	6.68E-04	9.61E-05	6.45E-06	7.16E-03	6.70E-04	4.18E-01	4.27E-02	6.05E-01	6.35E-02
936	Gridded	1.24E-02	9.43E-04	1.28E-05	7.41E-07	6.22E-03	4.38E-04	1.33E-02	9.75E-04	1.32E-02	9.71E-04	1.24E-02	9.41E-04	1.61E-02	1.08E-03	1.61E-02	1.08E-03	2.30E-02	1.75E-03	1.33E-02	9.75E-04	1.77E-04	1.03E-05	1.24E-02	9.42E-04	1.21E-04	7.03E-06	1.24E-02	9.43E-04	4.45E-01	4.19E-02	4.60E-01	6.71E-02
937	Gridded	1.06E-02	6.21E-04	7.48E-06	7.38E-07	5.05E-03	3.18E-04	1.11E-02	6.71E-04	1.10E-02	6.64E-04	1.05E-02	6.18E-04	1.27E-02	8.33E-04	1.27E-02	8.33E-04	1.96E-02	1.15E-03	1.11E-02	6.71E-04	1.04E-04	1.02E-05	1.06E-02	6.20E-04	7.09E-05	7.01E-06	1.06E-02	6.22E-04	2.98E-01	5.78E-02	4.93E-01	9.48E-02
938	Gridded	6.81E-03	1.01E-03	6.72E-06	1.00E-06	3.38E-03	5.04E-04	7.25E-03	1.08E-03	7.19E-03	1.07E-03	6.79E-03	1.01E-03	8.68E-03	1.30E-03	8.68E-03	1.30E-03	1.26E-02	1.87E-03	7.25E-03	1.08E-03	9.32E-05	1.39E-05	6.80E-03	1.01E-03	6.38E-05	9.53E-06	6.82E-03	1.01E-03	3.65E-01	7.42E-02	6.30E-01	1.32E-01
939	Gridded	7.94E-03	8.76E-04	8.37E-06	1.20E-06	3.99E-03	4.36E-04	8.51E-03	9.34E-04	8.43E-03	9.26E-04	7.91E-03	8.73E-04	1.03E-02	1.12E-03	1.03E-02	1.12E-03	1.47E-02	1.62E-03	8.51E-03	9.34E-04	1.16E-04	1.66E-05	7.93E-03	8.75E-04	7.94E-05	1.14E-05	7.95E-03	8.77E-04	4.17E-01	5.99E-02	7.04E-01	1.02E-01
940	Gridded	6.26E-03	1.01E-03	1.01E-05	1.49E-06	3.17E-03	5.37E-04	6.72E-03	1.11E-03	6.66E-03	1.09E-03	6.23E-03	1.00E-03	8.22E-03	1.43E-03	8.22E-03	1.43E-03	1.16E-02	1.86E-03	6.72E-03	1.11E-03	1.40E-04	2.06E-05	6.25E-03	1.01E-03	9.59E-05	1.41E-05	6.26E-03	1.01E-03	3.86E-01	4.89E-02	6.33E-01	7.03E-02
941	Gridded	1.01E-02	1.17E-03	1.02E-05	9.80E-07	4.68E-03	5.63E-04	1.04E-02	1.23E-03	1.04E-02	1.22E-03	1.01E-02	1.17E-03	1.15E-02	1.42E-03	1.15E-02	1.42E-03	1.87E-02	2.18E-03	1.04E-02	1.23E-03	1.41E-04	1.36E-05	1.01E-02	1.17E-03	9.65E-05	9.30E-06	1.01E-02	1.17E-03	4.70E-01	4.77E-02	7.94E-01	6.03E-02
942	Gridded	9.23E-03	6.64E-04	7.09E-06	6.61E-07	4.42E-03	3.19E-04	9.67E-03	6.97E-04	9.61E-03	6.92E-04	9.21E-03	6.62E-04	1.11E-02	8.05E-04	1.11E-02	8.05E-04	1.71E-02	1.23E-03	9.67E-03	6.97E-04	9.83E-05	9.17E-06	9.22E-03	6.63E-04	6.73E-05	6.27E-06	9.24E-03	6.64E-04	3.82E-01	4.19E-02	6.54E-01	7.69E-02
943	Gridded	7.72E-03	5.93E-04	7.81E-06	7.76E-07	3.83E-03	2.97E-04	8.22E-03	6.34E-04	8.15E-03	6.28E-04	7.69E-03	5.90E-04	9.85E-03	7.68E-04	9.85E-03	7.68E-04	1.43E-02	1.10E-03	8.22E-03	6.34E-04	1.08E-04	1.08E-05	7.71E-03	5.92E-04	7.41E-05	7.36E-06	7.73E-03	5.93E-04	3.97E-01	5.57E-02	7.19E-01	7.94E-02
944	Gridded	6.72E-03	7.81E-04	8.08E-06	9.76E-07	3.27E-03	4.04E-04	7.09E-03	8.47E-04	7.04E-03	8.38E-04	6.70E-03	7.77E-04	8.31E-03	1.06E-03	8.31E-03	1.06E-03	1.25E-02	1.45E-03	7.09E-03	8.47E-04	1.12E-04	1.35E-05	6.71E-03	7.80E-04	7.67E-05	9.26E-06	6.72E-03	7.82E-04	4.04E-01	6.56E-02	1.10E+00	1.40E-01
945	Gridded	9.30E-03	7.87E-04	7.53E-06	9.10E-07	4.48E-03	4.02E-04	9.77E-03	8.48E-04	9.71E-03	8.40E-04	9.28E-03	7.84E-04	1.13E-02	1.05E-03	1.13E-02	1.05E-03	1.72E-02	1.46E-03	9.77E-03	8.48E-04	1.04E-04	1.26E-05	9.29E-03	7.86E-04	7.14E-05	8.64E-06	9.31E-03	7.88E-04	4.81E-01	5.81E-02	7.56E-01	9.12E-02
946	Gridded	5.71E-03	6.89E-04	7.49E-06	7.49E-07	2.60E-03	3.48E-04	5.78E-03	7.39E-04	5.77E-03	7.32E-04	5.71E-03	6.86E-04	6.53E-03	9.03E-04	6.53E-03	9.03E-04	1.06E-02	1.28E-03	5.78E-03	7.39E-04	1.04E-04	1.04E-05	5.71E-03	6.87E-04	7.10E-05	7.10E-06	5.71E-03	6.89E-04	3.22E-01	5.77E-02	9.48E-01	9.43E-02
947	Gridded	6.64E-03	5.98E-04	9.08E-06	7.41E-07	3.24E-03	2.96E-04	7.01E-03	6.36E-04	6.96E-03	6.30E-04	6.62E-03	5.96E-04	8.54E-03	7.58E-04	8.54E-03	7.58E-04	1.23E-02	1.11E-03	7.01E-03	6.36E-04	1.26E-04	1.03E-05	6.63E-03	5.97E-04	8.61E-05	7.03E-06	6.64E-03	5.99E-04	3.30E-01	4.89E-02	7.78E-01	8.66E-02
948	Gridded	7.68E-03	6.53E-04	7.31E-06	8.12E-07	3.78E-03	3.37E-04	8.15E-03	7.08E-04	8.08E-03	7.01E-04	7.66E-03	6.50E-04	9.65E-03	8.86E-04	9.65E-03	8.86E-04	1.42E-02	1.21E-03	8.15E-03	7.08E-04	1.01E-04	1.13E-05	7.67E-03	6.52E-04	6.94E-05	7.70E-06	7.69E-03	6.54E-04	3.55E-01	4.49E-02	5.52E-01	6.23E-02
949	Gridded	6.49E-03	7.44E-04	8.99E-06	6.89E-07	3.20E-03	3.68E-04	6.75E-03	7.91E-04	6.71E-03	7.84E-04	6.47E-03	7.42E-04	8.57E-03	9.42E-04	8.57E-03	9.42E-04	1.20E-02	1.38E-03	6.75E-03	7.91E-04	1.25E-04	9.56E-06	6.48E-03	7.43E-04	8.53E-05	6.54E-06	6.49E-03	7.45E-04	3.46E-01	3.38E-02	5.02E-01	4.85E-02
950	Gridded	4.82E-03	4.91E-04	9.00E-06	8.33E-07	2.70E-03	2.37E-04	5.43E-03	5.17E-04	5.34E-03	5.13E-04	4.79E-03	4.90E-04	7.40E-03	5.99E-04	7.40E-03	5.99E-04	8.91E-03	9.10E-04	5.43E-03	5.17E-04	1.25E-04	1.16E-05	4.81E-03	4.91E-04	8.54E-05	7.90E-06	4.83E-03	4.91E-04	3.04E-01	3.35E-02	5.10E-01	5.45E-02
951	Gridded	6.15E-03	8.40E-04	7.16E-06	8.37E-07	3.08E-03	4.19E-04	6.57E-03	8.97E-04	6.51E-03	8.89E-04	6.13E-03	8.37E-04	7.94E-03	1.08E-03	7.94E-03	1.08E-03	1.14E-02	1.56E-03	6.57E-03	8.97E-04	9.93E-05	1.16E-05	6.14E-03	8.39E-04	6.79E-05	7.95E-06	6.16E-03	8.41E-04	3.13E-01	5.01E-02	4.82E-01	5.65E-02
952	Gridded	5.85E-03	1.14E-03	8.76E-06	1.03E-06	3.12E-03	5.62E-04	6.44E-03	1.21E-03	6.36E-03	1.20E-03	5.81E-03	1.14E-03	8.36E-03	1.44E-03	8.36E-03	1.44E-03	1.08E-02	2.12E-03	6.44E-03	1.21E-03	1.21E-04	1.42E-05	5.83E-03	1.14E-03	8.31E-05	9.73E-06	5.85E-03	1.14E-03	3.05E-01	6.46E-02	4.95E-01	6.98E-02
953	Gridded	8.42E-03	1.08E-03	8.72E-06	1.07E-06	4.23E-03	5.27E-04	9.01E-03	1.14E-03	8.93E-03	1.13E-03	8.39E-03	1.07E-03	1.09E-02	1.35E-03	1.09E-02	1.35E-03	1.56E-02	1.99E-03	9.01E-03	1.14E-03	1.21E-04	1.48E-05	8.41E-03	1.07E-03	8.28E-05	1.02E-05	8.43E-03	1.08E-03	3.13E-01	6.91E-02	4.53E-01	8.78E-02
954	Gridded	8.19E-03	1.22E-03	7.78E-06	1.28E-06	3.98E-03	6.11E-04	8.63E-03	1.31E-03	8.57E-03	1.29E-03	8.16E-03	1.22E-03	1.01E-02	1.57E-03	1.01E-02	1.57E-03	1.52E-02	2.27E-03	8.63E-03	1.31E-03	1.08E-04	1.77E-05	8.18E-03	1.22E-03	7.38E-05	1.21E-05	8.19E-03	1.22E-03	3.37E-01	8.92E-02	5.30E-01	9.52E-02
955	Gridded	6.10E-03	1.51E-03	8.56E-06	1.63E-06	3.07E-03	7.64E-04	6.53E-03	1.62E-03	6.47E-03	1.61E-03	6.07E-03	1.51E-03	7.94E-03	1.98E-03	7.94E-03	1.98E-03	1.13E-02	2.80E-03	6.53E-03	1.62E-03	1.19E-04	2.27E-05	6.09E-03	1.51E-03	8.12E-05	1.55E-05	6.10E-03	1.52E-03	3.98E-01	9.31E-02	4.73E-01	8.90E-02
956	Gridded	6.25E-03	1.53E-03	6.31E-06	1.30E-06	3.03E-03	7.46E-04	6.59E-03	1.61E-03	6.54E-03	1.60E-03	6.23E-03	1.52E-03	7.69E-03	1.90E-03	7.69E-03	1.90E-03	1.16E-02	2.83E-03	6.59E-03	1.61E-03	8.75E-05	1.81E-05	6.24E-03	1.52E-03	5.98E-05	1.24E-05	6.25E-03	1.53E-03	3.43E-01	9.64E-02	5.06E-01	1.27E-01
957	Gridded	5.54E-03	1.48E-03	5.11E-06	1.41E-06	2.66E-03	7.35E-04	5.74E-03	1.58E-03	5.71E-03	1.56E-03	5.52E-03	1.48E-03	6.82E-03	1.89E-03	6.82E-03	1.89E-03	1.03E-02	2.75E-03	5.74E-03	1.58E-03	7.09E-05	1.96E-05	5.53E-03	1.48E-03	4.85E-05	1.34E-05	5.54E-03	1.48E-03	3.19E-01	1.05E-01	4.82E-01	1.45E-01
958	Gridded	4.60E-03	1.60E-03	4.43E-06	1.72E-06	2.26E-03	7.80E-04	4.88E-03	1.69E-03	4.84E-03	1.68E-03	4.58E-03	1.59E-03	5.78E-03	1.98E-03	5.78E-03	1.98E-03	8.52E-03	2.96E-03	4.88E-03	1.69E-03	6.14E-05	2.39E-05	4.59E-03	1.60E-03	4.20E-05	1.63E-05	4.60E-03	1.60E-03	3.06E-01	1.10E-01	4.41E-01	1.34E-01
959	Gridded	4.33E-03	1.42E-03	4.27E-06	1.66E-06	2.16E-03	7.27E-04	4.62E-03	1.53E-03	4.58E-03	1.52E-03	4.32E-03	1.42E-03	5.56E-03	1.90E-03	5.56E-03	1.90E-03	8.03E-03	2.63E-03	4.62E-03	1.53E-03	5.92E-05	2.31E-05	4.33E-03	1.42E-03	4.05E-05	1.58E-05	4.34E-03	1.42E-03	2.81E-01	9.68E-02	3.81E-01	1.25E-01
960	Gridded	3.46E-03	1.18E-03	3.82E-06	1.10E-06	1.67E-03	5.74E-04	3.64E-03	1.25E-03	3.61E-03	1.24E-03	3.45E-03	1.18E-03	4.32E-03	1.45E-03	4.32E-03	1.45E-03	6.42E-03	2.19E-03	3.64E-03	1.25E-03	5.29E-05	1.53E-05	3.46E-03	1.18E-03	3.62E-05	1.05E-05	3.46E-03	1.18E-03	2.31E-01	8.48E-02	3.08E-01	9.29E-02
961	Gridded	3.51E-03	1.10E-03	5.22E-06	9.61E-07	1.80E-03	5.26E-04	3.70E-03	1.16E-03	3.65E-03	1.15E-03	3.51E-03	1.10E-03	4.84E-03	1.32E-03	4.84E-03	1.32E-03	6.52E-03	2.05E-03	3.70E-03	1.16E-03	7.24E-05	1.33E-05	3.51E-03	1.10E-03	4.96E-05	9.12E-06	3.51E-03	1.11E-03	2.20E-01	6.91E-02	4.33E-01	8.02E-02
962	Gridded	3.88E-03	1.10E-03	5.02E-06	1.10E-06	2.02E-03	5.50E-04	4.21E-03	1.18E-03	4.17E-03	1.16E-03	3.86E-03	1.10E-03	5.31E-03	1.42E-03	5.31E-03	1.42E-03	7.18E-03	2.04E-03	4.21E-03	1.18E-03	6.96E-05	1.53E-05	3.87E-03	1.10E-03	4.77E-05	1.04E-05	3.88E-03	1.10E-03	3.08E-01	7.75E-02	5.12E-01	8.33E-02
963	Gridded	3.92E-03	1.18E-03	4.40E-06	1.09E-06	1.89E-03	5.83E-04	4.12E-03	1.25E-03	4.09E-03	1.24E-03	3.91E-03	1.18E-03	4.76E-03	1.49E-03	4.76E-03	1.49E-03	7.27E-03	2.19E-03	4.12E-03	1.25E-03	6.11E-05	1.51E-05	3.92E-03	1.18E-03	4.18E-05	1.03E-05	3.92E-03	1.18E-03	3.25E-01	7.65E-02	4.73E-01	7.54E-02
964	Gridded	3.95E-03	1.21E-03	4.37E-06	1.01E-06	1.89E-03	5.89E-04	4.14E-03	1.27E-03	4.11E-03	1.27E-03	3.94E-03	1.20E-03	4.76E-03	1.50E-03	4.76E-03	1.50E-03	7.32E-03	2.24E-03	4.14E-03	1.27E-03	6.06E-05	1.41E-05	3.94E-03	1.20E-03	4.15E-05	9.63E-06	3.95E-03	1.21E-03	3.03E-01	7.21E-02	3.62E-01	7.17E-02
965	Gridded	6.41E-03	1.23E-03	6.81E-06	9.34E-07	3.18E-03	5.92E-04	6.83E-03	1.29E-03	6.77E-03	1.28E-03	6.39E-03	1.22E-03	8.18E-03	1.50E-03	8.18E-03	1.50E-03	1.19E-02	2.28E-03	6.83E-03	1.29E-03	9.44E-05	1.30E-05	6.40E-03	1.23E-03	6.46E-05	8.86E-06	6.41E-03	1.23E-03	3.10E-01	7.08E-02	4.07E-01	8.62E-02
966	Gridded	1.03E-02	1.11E-03	1.09E-05	8.82E-07	5.17E-03	5.32E-04	1.10E-02	1.17E-03	1.09E-02	1.16E-03	1.02E-02	1.11E-03	1.34E-02	1.34E-03	1.34E-02	1.34E-03	1.91E-02	2.06E-03	1.10E-02	1.17E-03	1.51E-04	1.22E-05	1.03E-02	1.11E-03	1.03E-04	8.37E-06	1.03E-02	1.11E-03	5.00E-01	8.76E-02	4.93E-01	1.03E-01
967	Gridded	1.13E-02	1.23E-03	9.57E-06	9.93E-07	5.50E-03	5.99E-04	1.19E-02	1.30E-03	1.18E-02	1.29E-03	1.12E-02	1.23E-03	1.40E-02	1.52E-03	1.40E-02	1.52E-03	2.09E-02	2.29E-03	1.19E-02	1.30E-03	1.33E-04	1.38E-05	1.12E-02	1.23E-03	9.08E-05	9.43E-06	1.13E-02	1.23E-03	4.61E-01	9.72E-02	4.12E-01	1.13E-01
968	Gridded	8.71E-03	1.34E-03	9.08E-06	1.05E-06	4.33E-03	6.47E-04	9.28E-03	1.41E-03	9.20E-03	1.40E-03	8.68E-03	1.33E-03	1.11E-02	1.64E-03	1.11E-02	1.64E-03	1.61E-02	2.48E-03	9.28E-03	1.41E-03	1.26E-04	1.46E-05	8.69E-03	1.34E-03	8.61E-05	9.96E-06	8.71E-03	1.34E-03	4.19E-01	1.01E-01	5.21E-01	1.18E-01
969	Gridded	9.65E-03	1.40E-03	9.51E-06	1.07E-06	4.81E-03	6.76E-04	1.03E-02	1.47E-03	1.02E-02	1.46E-03	9.61E-03	1.40E-03	1.24E-02	1.71E-03	1.24E-02	1.71E-03	1.79E-02	2.60E-03	1.03E-02	1.47E-03	1.32E-04	1.48E-05	9.64E-03	1.40E-03	9.03E-05	1.01E-05	9.66E-03	1.40E-03	4.42E-01	1.00E-01	4.90E-01	1.17E-01
970	Gridded	4.45E-03	5.28E-04	3.97E-06	5.51E-07	2.10E-03	2.63E-04	4.63E-03	5.63E-04	4.60E-03	5.58E-04	4.44E-03	5.26E-04	5.24E-03	6.76E-04	5.24E-03	6.76E-04	8.25E-03	9.79E-04	4.63E-03	5.63E-04	5.51E-05	7.65E-06	4.44E-03	5.27E-04	3.77E-05	5.23E-06	4.45E-03	5.29E-04	2.28E-01	3.16E-02	3.85E-01	3.44E-02
971	Gridded	5.34E-03	5.55E-04	4.30E-06	5.57E-07	2.53E-03	2.73E-04	5.57E-03	5.89E-04	5.54E-03	5.84E-04	5.33E-03	5.53E-04	6.31E-03	6.98E-04	6.31E-03	6.98E-04	9.90E-03	1.03E-03	5.57E-03	5.89E-04	5.96E-05	7.73E-06	5.34E-03	5.54E-04	4.08E-05	5.29E-06	5.34E-03	5.55E-04	2.75E-01	3.34E-02	4.23E-01	3.75E-02
972	Gridded	5.65E-03	5.86E-04	4.22E-06	6.35E-07	2.69E-03	2.89E-04	5.90E-03	6.22E-04	5.87E-03	6.17E-04	5.64E-03	5.84E-04	6.73E-03	7.39E-04	6.73E-03	7.39E-04	1.05E-02	1.09E-03	5.90E-03	6.22E-04	5.85E-05	8.80E-06	5.64E-03	5.86E-04	4.00E-05	6.02E-06	5.65E-03	5.87E-04	2.87E-01	3.39E-02	4.02E-01	3.95E-02
973	Gridded	5.27E-03	5.95E-04	4.27E-06	6.73E-07	2.53E-03	2.94E-04	5.52E-03	6.33E-04	5.49E-03	6.27E-04	5.25E-03	5.93E-04	6.35E-03	7.53E-04	6.35E-03	7.53E-04	9.77E-03	1.10E-03	5.52E-03	6.33E-04	5.93E-05	9.33E-06	5.26E-03	5.95E-04	4.05E-05	6.38E-06	5.27E-03	5.96E-04	2.49E-01	3.32E-02	3.11E-01	4.00E-02
974	Gridded	4.43E-03	6.02E-04	4.25E-06	6.81E-07	2.19E-03	2.98E-04	4.69E-03	6.40E-04	4.65E-03	6.35E-04	4.42E-03	5.99E-04	5.62E-03	7.65E-04	5.62E-03	7.65E-04	8.21E-03	1.11E-03	4.69E-03	6.40E-04	5.90E-05	9.45E-06	4.43E-03	6.01E-04	4.04E-05	6.46E-06	4.43E-03	6.02E-04	2.03E-01	3.18E-02	2.25E-01	3.93E-02
975	Gridded	4.52E-03	6.38E-04	4.39E-06	6.99E-07	2.24E-03	3.17E-04	4.81E-03	6.80E-04	4.77E-03	6.74E-04	4.50E-03	6.36E-04	5.76E-03	8.18E-04	5.76E-03	8.18E-04	8.37E-03	1.18E-03	4.81E-03	6.80E-04	6.09E-05	9.70E-06	4.51E-03	6.37E-04	4.17E-05	6.64E-06	4.52E-03	6.39E-04	2.16E-01	3.11E-02	2.56E-01	3.84E-02
976	Gridded	4.35E-03	6.79E-04	4.81E-06	6.97E-07	2.15E-03	3.40E-04	4.62E-03	7.26E-04	4.58E-03	7.19E-04	4.33E-03	6.76E-04	5.52E-03	8.79E-04	5.52E-03	8.79E-04	8.05E-03	1.26E-03	4.62E-03	7.26E-04	6.68E-05	9.67E-06	4.34E-03	6.78E-04	4.57E-05	6.62E-06	4.35E-03	6.80E-04	2.09E-01	3.38E-02	2.80E-01	3.85E-02
977	Gridded	4.42E-03	7.37E-04	4.83E-06	6.98E-07	2.18E-03	3.65E-04	4.69E-03	7.85E-04	4.65E-03	7.78E-04	4.40E-03	7.35E-04	5.58E-03	9.37E-04	5.58E-03	9.37E-04	8.18E-03	1.37E-03	4.69E-03	7.85E-04	6.70E-05	9.68E-06	4.41E-03	7.36E-04	4.59E-05	6.62E-06	4.42E-03	7.38E-04	1.94E-01	3.92E-02	2.74E-01	5.09E-02
978	Gridded	4.43E-03	7.44E-04	4.24E-06	6.74E-07	2.15E-03	3.67E-04	4.67E-03	7.90E-04	4.64E-03	7.83E-04	4.41E-03	7.42E-04	5.47E-03	9.37E-04	5.47E-03	9.37E-04	8.21E-03	1.38E-03	4.67E-03	7.90E-04	5.89E-05	9.35E-06	4.42E-03	7.43E-04	4.03E-05	6.40E-06	4.43E-03	7.45E-04	1.70E-01	4.11E-02	3.00E-01	6.09E-02
979	Gridded	3.97E-03	7.06E-04	3.39E-06	6.42E-07	1.92E-03	3.46E-04	4.18E-03	7.47E-04	4.15E-03	7.41E-04	3.96E-03	7.04E-04	4.86E-03	8.82E-04	4.86E-03	8.82E-04	7.36E-03	1.31E-03	4.18E-03	7.47E-04	4.70E-05	8.91E-06	3.97E-03	7.05E-04	3.21E-05	6.09E-06	3.97E-03	7.06E-04	1.64E-01	3.86E-02	2.94E-01	6.38E-02
980	Gridded	3.67E-03	6.70E-04	3.24E-06	6.40E-07	1.76E-03	3.28E-04	3.85E-03	7.09E-04	3.83E-03	7.04E-04	3.66E-03	6.68E-04	4.43E-03	8.44E-04	4.43E-03	8.44E-04	6.81E-03	1.24E-03	3.85E-03	7.09E-04	4.49E-05	8.88E-06	3.67E-03	6.69E-04	3.07E-05	6.08E-06	3.68E-03	6.71E-04	1.71E-01	3.32E-02	3.42E-01	5.85E-02
981	Gridded	3.44E-03	6.93E-04	4.24E-06	7.96E-07	1.64E-03	3.41E-04	3.59E-03	7.35E-04	3.56E-03	7.29E-04	3.43E-03	6.90E-04	4.17E-03	8.72E-04	4.17E-03	8.72E-04	6.38E-03	1.28E-03	3.59E-03	7.35E-04	5.88E-05	1.10E-05	3.44E-03	6.92E-04	4.02E-05	7.55E-06	3.44E-03	6.93E-04	1.86E-01	3.41E-02	3.55E-01	4.74E-02
982	Gridded	3.50E-03	6.84E-04	4.66E-06	9.97E-07	1.78E-03	3.40E-04	3.77E-03	7.23E-04	3.73E-03	7.17E-04	3.49E-03	6.81E-04	4.63E-03	9.16E-04	4.63E-03	9.16E-04	6.49E-03	1.27E-03	3.77E-03	7.23E-04	6.46E-05	1.38E-05	3.50E-03	6.83E-04	4.42E-05	9.46E-06	3.51E-03	6.84E-04	1.92E-01	4.21E-02	4.48E-01	5.71E-02
983	Gridded	4.24E-03	7.98E-04	4.70E-06	1.01E-06	2.14E-03	4.13E-04	4.54E-03	8.66E-04	4.50E-03	8.56E-04	4.22E-03	7.94E-04	5.53E-03	1.09E-03	5.53E-03	1.09E-03	7.85E-03	1.48E-03	4.54E-03	8.66E-04	6.51E-05	1.40E-05	4.23E-03	7.96E-04	4.46E-05	9.55E-06	4.24E-03	7.98E-04	2.07E-01	5.13E-02	5.26E-01	6.83E-02
984	Gridded	5.64E-03	8.61E-04	5.82E-06	9.07E-07	2.83E-03	4.26E-04	6.04E-03	9.15E-04	5.98E-03	9.08E-04	5.62E-03	8.58E-04	7.31E-03	1.09E-03	7.31E-03	1.09E-03	1.05E-02	1.60E-03	6.04E-03	9.15E-04	8.08E-05	1.26E-05	5.63E-03	8.60E-04	5.53E-05	8.61E-06	5.65E-03	8.62E-04	2.39E-01	5.81E-02	4.96E-01	8.80E-02
985	Gridded	7.28E-03	8.37E-04	9.02E-06	8.73E-07	3.61E-03	4.20E-04	7.74E-03	8.96E-04	7.68E-03	8.88E-04	7.25E-03	8.34E-04	9.25E-03	1.09E-03	9.25E-03	1.09E-03	1.35E-02	1.55E-03	7.74E-03	8.96E-04	1.25E-04	1.21E-05	7.27E-03	8.36E-04	8.56E-05	8.28E-06	7.28E-03	8.38E-04	2.65E-01	5.48E-02	3.51E-01	8.81E-02
986	Gridded	7.26E-03	7.28E-04	6.81E-06	9.13E-07	3.54E-03	3.76E-04	7.67E-03	7.90E-04	7.62E-03	7.81E-04	7.24E-03	7.25E-04	9.02E-03	9.90E-04	9.02E-03	9.90E-04	1.35E-02	1.35E-03	7.67E-03	7.90E-04	9.44E-05	1.27E-05	7.25E-03	7.27E-04	6.46E-05	8.66E-06	7.26E-03	7.29E-04	2.64E-01	5.19E-02	3.76E-01	7.26E-02
987	Gridded	7.31E-03	8.06E-04	8.29E-06	7.67E-07	3.58E-03	3.86E-04	7.73E-03	8.45E-04	7.67E-03	8.39E-04	7.30E-03	8.03E-04	9.12E-03	9.71E-04	9.12E-03	9.71E-04	1.36E-02	1.49E-03	7.73E-03	8.45E-04	1.15E-04	1.06E-05	7.30E-03	8.05E-04	7.87E-05	7.28E-06	7.31E-03	8.06E-04	3.78E-01	5.11E-02	5.95E-01	7.65E-02
988	Gridded	1.17E-02	1.03E-03	1.36E-05	9.00E-07	5.97E-03	4.76E-04	1.26E-02	1.06E-03	1.25E-02	1.06E-03	1.16E-02	1.02E-03	1.56E-02	1.17E-03	1.56E-02	1.17E-03	2.16E-02	1.90E-03	1.26E-02	1.06E-03	1.89E-04	1.25E-05	1.17E-02	1.03E-03	1.29E-04	8.54E-06	1.17E-02	1.03E-03	4.70E-01	4.80E-02	5.61E-01	7.39E-02
989	Gridded	1.18E-02	7.70E-04	8.90E-06	8.02E-07	5.69E-03	3.73E-04	1.24E-02	8.12E-04	1.23E-02	8.06E-04	1.18E-02	7.68E-04	1.44E-02	9.45E-04	1.44E-02	9.45E-04	2.19E-02	1.43E-03	1.24E-02	8.12E-04	1.23E-04	1.11E-05	1.18E-02	7.69E-04	8.45E-05	7.61E-06	1.18E-02	7.71E-04	3.36E-01	6.82E-02	5.65E-01	1.11E-01
990	Gridded	6.95E-03	1.10E-03	7.08E-06	1.09E-06	3.48E-03	5.47E-04	7.43E-03	1.17E-03	7.36E-03	1.16E-03	6.92E-03	1.09E-03	8.98E-03	1.41E-03	8.98E-03	1.41E-03	1.29E-02	2.03E-03	7.43E-03	1.17E-03	9.81E-05	1.52E-05	6.94E-03	1.09E-03	6.71E-05	1.04E-05	6.96E-03	1.10E-03	4.19E-01	8.07E-02	6.79E-01	1.46E-01
991	Gridded	7.05E-03	7.50E-04	8.73E-06	1.55E-06	3.50E-03	4.31E-04	7.51E-03	8.55E-04	7.44E-03	8.40E-04	7.03E-03	7.44E-04	8.99E-03	1.19E-03	8.99E-03	1.19E-03	1.31E-02	1.39E-03	7.51E-03	8.55E-04	1.21E-04	2.15E-05	7.04E-03	7.48E-04	8.28E-05	1.47E-05	7.06E-03	7.51E-04	3.70E-01	5.83E-02	6.54E-01	9.02E-02
992	Gridded	8.12E-03	1.20E-03	9.90E-06	1.35E-06	4.18E-03	6.05E-04	8.79E-03	1.29E-03	8.69E-03	1.27E-03	8.08E-03	1.20E-03	1.10E-02	1.57E-03	1.10E-02	1.57E-03	1.50E-02	2.22E-03	8.79E-03	1.29E-03	1.37E-04	1.87E-05	8.10E-03	1.20E-03	9.40E-05	1.28E-05	8.13E-03	1.20E-03	4.28E-01	5.85E-02	8.62E-01	8.33E-02
993	Gridded	8.16E-03	8.95E-04	9.41E-06	6.82E-07	4.15E-03	4.31E-04	8.78E-03	9.40E-04	8.69E-03	9.33E-04	8.13E-03	8.92E-04	1.08E-02	1.09E-03	1.08E-02	1.09E-03	1.51E-02	1.66E-03	8.78E-03	9.40E-04	1.30E-04	9.45E-06	8.15E-03	8.94E-04	8.93E-05	6.47E-06	8.17E-03	8.95E-04	4.06E-01	4.99E-02	7.64E-01	8.81E-02
994	Gridded	9.27E-03	6.33E-04	9.10E-06	8.03E-07	4.61E-03	3.21E-04	9.88E-03	6.81E-04	9.79E-03	6.74E-04	9.23E-03	6.31E-04	1.19E-02	8.34E-04	1.19E-02	8.34E-04	1.72E-02	1.17E-03	9.88E-03	6.81E-04	1.26E-04	1.11E-05	9.25E-03	6.32E-04	8.63E-05	7.62E-06	9.27E-03	6.34E-04	4.77E-01	6.28E-02	8.55E-01	9.14E-02
995	Gridded	7.30E-03	8.83E-04	9.03E-06	1.13E-06	3.57E-03	4.58E-04	7.72E-03	9.59E-04	7.66E-03	9.48E-04	7.28E-03	8.78E-04	9.08E-03	1.21E-03	9.08E-03	1.21E-03	1.35E-02	1.63E-03	7.72E-03	9.59E-04	1.25E-04	1.57E-05	7.29E-03	8.81E-04	8.57E-05	1.07E-05	7.31E-03	8.83E-04	4.70E-01	8.11E-02	1.34E+00	1.66E-01
996	Gridded	9.27E-03	8.85E-04	8.50E-06	1.06E-06	4.44E-03	4.54E-04	9.71E-03	9.56E-04	9.65E-03	9.46E-04	9.25E-03	8.81E-04	1.11E-02	1.19E-03	1.11E-02	1.19E-03	1.72E-02	1.64E-03	9.71E-03	9.56E-04	1.18E-04	1.47E-05	9.26E-03	8.83E-04	8.07E-05	1.00E-05	9.28E-03	8.86E-04	5.15E-01	7.36E-02	8.61E-01	9.67E-02
997	Gridded	7.09E-03	8.53E-04	9.61E-06	8.61E-07	3.50E-03	4.26E-04	7.45E-03	9.11E-04	7.40E-03	9.03E-04	7.07E-03	8.49E-04	9.15E-03	1.10E-03	9.15E-03	1.10E-03	1.31E-02	1.58E-03	7.45E-03	9.11E-04	1.33E-04	1.19E-05	7.08E-03	8.51E-04	9.12E-05	8.17E-06	7.10E-03	8.53E-04	4.15E-01	6.72E-02	1.44E+00	1.32E-01
998	Gridded	8.46E-03	7.44E-04	1.02E-05	8.79E-07	4.35E-03	3.79E-04	9.15E-03	7.99E-04	9.05E-03	7.91E-04	8.42E-03	7.41E-04	1.14E-02	9.91E-04	1.14E-02	9.91E-04	1.57E-02	1.38E-03	9.15E-03	7.99E-04	1.42E-04	1.22E-05	8.45E-03	7.43E-04	9.70E-05	8.34E-06	8.47E-03	7.45E-04	4.20E-01	5.79E-02	9.21E-01	8.26E-02
999	Gridded	8.52E-03	9.51E-04	9.14E-06	1.01E-06	4.04E-03	4.79E-04	8.90E-03	1.02E-03	8.84E-03	1.01E-03	8.50E-03	9.48E-04	1.05E-02	1.24E-03	1.05E-02	1.24E-03	1.58E-02	1.76E-03	8.90E-03	1.02E-03	1.27E-04	1.41E-05	8.51E-03	9.50E-04	8.68E-05	9.61E-06	8.53E-03	9.52E-04	4.75E-01	5.24E-02	6.08E-01	6.73E-02
1000	Gridded	6.41E-03	6.98E-04	9.84E-06	8.72E-07	3.44E-03	3.37E-04	7.07E-03	7.34E-04	6.98E-03	7.29E-04	6.37E-03	6.96E-04	9.23E-03	8.50E-04	9.23E-03	8.50E-04	1.19E-02	1.29E-03	7.07E-03	7.34E-04	1.36E-04	1.21E-05	6.39E-03	6.97E-04	9.33E-05	8.28E-06	6.42E-03	6.98E-04	3.93E-01	3.98E-02	7.15E-01	6.66E-02
1001	Gridded	6.73E-03	8.88E-04	7.97E-06	9.35E-07	3.37E-03	4.45E-04	7.20E-03	9.50E-04	7.13E-03	9.41E-04	6.71E-03	8.84E-04	8.71E-03	1.15E-03	8.71E-03	1.15E-03	1.25E-02	1.64E-03	7.20E-03	9.50E-04	1.11E-04	1.30E-05	6.72E-03	8.86E-04	7.56E-05	8.87E-06	6.74E-03	8.88E-04	3.51E-01	5.52E-02	5.05E-01	6.50E-02
1002	Gridded	5.91E-03	1.23E-03	8.84E-06	1.10E-06	3.16E-03	6.03E-04	6.51E-03	1.30E-03	6.42E-03	1.29E-03	5.88E-03	1.22E-03	8.44E-03	1.54E-03	8.44E-03	1.54E-03	1.09E-02	2.27E-03	6.51E-03	1.30E-03	1.23E-04	1.53E-05	5.90E-03	1.22E-03	8.39E-05	1.05E-05	5.92E-03	1.23E-03	3.40E-01	7.00E-02	4.89E-01	7.68E-02
1003	Gridded	8.73E-03	1.10E-03	8.87E-06	1.17E-06	4.37E-03	5.41E-04	9.33E-03	1.16E-03	9.24E-03	1.15E-03	8.70E-03	1.09E-03	1.13E-02	1.39E-03	1.13E-02	1.39E-03	1.62E-02	2.03E-03	9.33E-03	1.16E-03	1.23E-04	1.63E-05	8.72E-03	1.09E-03	8.42E-05	1.11E-05	8.74E-03	1.10E-03	3.00E-01	7.55E-02	4.99E-01	9.54E-02
1004	Gridded	8.45E-03	1.36E-03	8.79E-06	1.51E-06	4.10E-03	6.71E-04	8.91E-03	1.44E-03	8.85E-03	1.43E-03	8.43E-03	1.35E-03	1.04E-02	1.74E-03	1.04E-02	1.74E-03	1.57E-02	2.51E-03	8.91E-03	1.44E-03	1.22E-04	2.09E-05	8.44E-03	1.35E-03	8.34E-05	1.43E-05	8.46E-03	1.36E-03	3.77E-01	9.99E-02	5.42E-01	1.03E-01
1005	Gridded	6.55E-03	1.69E-03	9.70E-06	1.65E-06	3.49E-03	8.41E-04	7.21E-03	1.80E-03	7.12E-03	1.79E-03	6.52E-03	1.68E-03	9.33E-03	2.16E-03	9.33E-03	2.16E-03	1.21E-02	3.13E-03	7.21E-03	1.80E-03	1.35E-04	2.28E-05	6.54E-03	1.69E-03	9.20E-05	1.56E-05	6.56E-03	1.69E-03	3.97E-01	9.24E-02	6.08E-01	1.22E-01
1006	Gridded	6.95E-03	1.63E-03	7.08E-06	1.54E-06	3.29E-03	7.98E-04	7.24E-03	1.72E-03	7.20E-03	1.71E-03	6.93E-03	1.62E-03	8.20E-03	2.04E-03	8.20E-03	2.04E-03	1.29E-02	3.02E-03	7.24E-03	1.72E-03	9.81E-05	2.14E-05	6.94E-03	1.63E-03	6.71E-05	1.46E-05	6.95E-03	1.63E-03	4.10E-01	1.14E-01	5.31E-01	1.58E-01
1007	Gridded	6.13E-03	2.20E-03	5.78E-06	2.17E-06	2.96E-03	1.07E-03	6.44E-03	2.32E-03	6.40E-03	2.31E-03	6.11E-03	2.19E-03	7.46E-03	2.72E-03	7.46E-03	2.72E-03	1.14E-02	4.08E-03	6.44E-03	2.32E-03	8.02E-05	3.01E-05	6.12E-03	2.20E-03	5.49E-05	2.06E-05	6.13E-03	2.20E-03	4.10E-01	1.43E-01	5.74E-01	1.82E-01
1008	Gridded	5.72E-03	1.94E-03	5.85E-06	2.23E-06	2.87E-03	9.90E-04	6.12E-03	2.09E-03	6.06E-03	2.07E-03	5.70E-03	1.93E-03	7.40E-03	2.58E-03	7.40E-03	2.58E-03	1.06E-02	3.60E-03	6.12E-03	2.09E-03	8.11E-05	3.09E-05	5.71E-03	1.94E-03	5.55E-05	2.12E-05	5.73E-03	1.94E-03	3.66E-01	1.31E-01	4.88E-01	1.67E-01
1009	Gridded	4.92E-03	1.75E-03	5.30E-06	1.48E-06	2.35E-03	8.46E-04	5.15E-03	1.84E-03	5.11E-03	1.83E-03	4.91E-03	1.75E-03	6.12E-03	2.14E-03	6.12E-03	2.14E-03	9.13E-03	3.25E-03	5.15E-03	1.84E-03	7.35E-05	2.05E-05	4.92E-03	1.75E-03	5.03E-05	1.41E-05	4.93E-03	1.75E-03	3.00E-01	1.16E-01	4.40E-01	1.18E-01
1010	Gridded	4.23E-03	1.38E-03	6.17E-06	1.28E-06	2.20E-03	6.52E-04	4.54E-03	1.44E-03	4.49E-03	1.43E-03	4.23E-03	1.37E-03	5.90E-03	1.63E-03	5.90E-03	1.63E-03	7.85E-03	2.55E-03	4.54E-03	1.44E-03	8.56E-05	1.78E-05	4.23E-03	1.38E-03	5.85E-05	1.22E-05	4.24E-03	1.38E-03	2.86E-01	9.11E-02	5.21E-01	1.01E-01
1011	Gridded	3.70E-03	1.08E-03	4.15E-06	1.08E-06	1.80E-03	5.37E-04	3.90E-03	1.15E-03	3.87E-03	1.14E-03	3.68E-03	1.07E-03	4.57E-03	1.38E-03	4.57E-03	1.38E-03	6.85E-03	1.99E-03	3.90E-03	1.15E-03	5.76E-05	1.49E-05	3.69E-03	1.07E-03	3.94E-05	1.02E-05	3.70E-03	1.08E-03	3.18E-01	7.46E-02	4.66E-01	7.62E-02
1012	Gridded	3.34E-03	1.02E-03	3.71E-06	9.33E-07	1.69E-03	5.04E-04	3.58E-03	1.08E-03	3.55E-03	1.08E-03	3.33E-03	1.02E-03	4.38E-03	1.29E-03	4.38E-03	1.29E-03	6.18E-03	1.89E-03	3.58E-03	1.08E-03	5.14E-05	1.29E-05	3.33E-03	1.02E-03	3.52E-05	8.86E-06	3.34E-03	1.02E-03	2.98E-01	6.23E-02	3.53E-01	7.47E-02
1013	Gridded	3.32E-03	8.99E-04	3.66E-06	7.51E-07	1.68E-03	4.39E-04	3.56E-03	9.50E-04	3.53E-03	9.43E-04	3.30E-03	8.97E-04	4.36E-03	1.11E-03	4.36E-03	1.11E-03	6.14E-03	1.67E-03	3.56E-03	9.50E-04	5.08E-05	1.04E-05	3.31E-03	8.98E-04	3.47E-05	7.13E-06	3.32E-03	9.00E-04	2.47E-01	6.56E-02	3.31E-01	8.44E-02
1014	Gridded	3.23E-03	7.37E-04	4.11E-06	6.46E-07	1.64E-03	3.57E-04	3.47E-03	7.76E-04	3.44E-03	7.70E-04	3.22E-03	7.34E-04	4.26E-03	9.03E-04	4.26E-03	9.03E-04	5.98E-03	1.37E-03	3.47E-03	7.76E-04	5.70E-05	8.96E-06	3.23E-03	7.36E-04	3.90E-05	6.13E-06	3.23E-03	7.37E-04	2.45E-01	7.11E-02	3.25E-01	9.00E-02
1015	Gridded	5.64E-03	7.61E-04	6.96E-06	6.94E-07	2.87E-03	3.75E-04	6.07E-03	8.08E-04	6.01E-03	8.01E-04	5.62E-03	7.58E-04	7.54E-03	9.60E-04	7.54E-03	9.60E-04	1.04E-02	1.41E-03	6.07E-03	8.08E-04	9.65E-05	9.63E-06	5.63E-03	7.60E-04	6.60E-05	6.59E-06	5.64E-03	7.61E-04	3.13E-01	7.59E-02	4.13E-01	9.55E-02
1016	Gridded	1.02E-02	8.86E-04	1.05E-05	7.88E-07	5.11E-03	4.34E-04	1.09E-02	9.38E-04	1.08E-02	9.31E-04	1.02E-02	8.83E-04	1.32E-02	1.11E-03	1.32E-02	1.11E-03	1.89E-02	1.64E-03	1.09E-02	9.38E-04	1.46E-04	1.09E-05	1.02E-02	8.85E-04	9.97E-05	7.48E-06	1.02E-02	8.87E-04	4.75E-01	8.25E-02	4.84E-01	1.03E-01
1017	Gridded	9.77E-03	1.01E-03	9.75E-06	9.09E-07	4.85E-03	4.91E-04	1.04E-02	1.07E-03	1.03E-02	1.06E-03	9.74E-03	1.01E-03	1.25E-02	1.25E-03	1.25E-02	1.25E-03	1.81E-02	1.87E-03	1.04E-02	1.07E-03	1.35E-04	1.26E-05	9.76E-03	1.01E-03	9.25E-05	8.63E-06	9.78E-03	1.01E-03	4.62E-01	8.41E-02	5.50E-01	1.05E-01
1018	Gridded	1.12E-02	1.56E-03	1.12E-05	1.15E-06	5.60E-03	7.51E-04	1.20E-02	1.64E-03	1.19E-02	1.63E-03	1.12E-02	1.56E-03	1.44E-02	1.89E-03	1.44E-02	1.89E-03	2.08E-02	2.90E-03	1.20E-02	1.64E-03	1.55E-04	1.59E-05	1.12E-02	1.56E-03	1.06E-04	1.09E-05	1.12E-02	1.56E-03	4.96E-01	1.01E-01	5.12E-01	1.17E-01
1019	Gridded	8.62E-03	1.78E-03	8.58E-06	1.26E-06	4.30E-03	8.51E-04	9.20E-03	1.86E-03	9.12E-03	1.85E-03	8.59E-03	1.77E-03	1.11E-02	2.14E-03	1.11E-02	2.14E-03	1.60E-02	3.30E-03	9.20E-03	1.86E-03	1.19E-04	1.75E-05	8.61E-03	1.78E-03	8.15E-05	1.20E-05	8.63E-03	1.78E-03	3.64E-01	9.69E-02	4.42E-01	1.07E-01
1020	Gridded	5.69E-03	1.53E-03	5.06E-06	1.14E-06	2.75E-03	7.35E-04	5.99E-03	1.60E-03	5.94E-03	1.59E-03	5.67E-03	1.52E-03	6.95E-03	1.85E-03	6.95E-03	1.85E-03	1.05E-02	2.83E-03	5.99E-03	1.60E-03	7.02E-05	1.58E-05	5.68E-03	1.52E-03	4.81E-05	1.08E-05	5.69E-03	1.53E-03	2.82E-01	7.72E-02	4.53E-01	9.54E-02
1021	Gridded	5.05E-03	7.86E-04	5.29E-06	7.75E-07	2.48E-03	3.84E-04	5.35E-03	8.31E-04	5.31E-03	8.24E-04	5.03E-03	7.83E-04	6.33E-03	9.77E-04	6.33E-03	9.77E-04	9.35E-03	1.46E-03	5.35E-03	8.31E-04	7.34E-05	1.07E-05	5.04E-03	7.85E-04	5.02E-05	7.35E-06	5.05E-03	7.86E-04	2.13E-01	3.60E-02	4.74E-01	5.01E-02
1022	Gridded	4.61E-03	7.56E-04	4.76E-06	7.26E-07	2.30E-03	3.71E-04	4.92E-03	8.01E-04	4.88E-03	7.95E-04	4.59E-03	7.54E-04	5.94E-03	9.48E-04	5.94E-03	9.48E-04	8.54E-03	1.40E-03	4.92E-03	8.01E-04	6.60E-05	1.01E-05	4.60E-03	7.55E-04	4.51E-05	6.89E-06	4.61E-03	7.57E-04	2.26E-01	3.67E-02	4.48E-01	5.06E-02
1023	Gridded	4.68E-03	6.58E-04	4.44E-06	6.40E-07	2.27E-03	3.26E-04	4.93E-03	7.00E-04	4.90E-03	6.94E-04	4.66E-03	6.56E-04	5.77E-03	8.36E-04	5.77E-03	8.36E-04	8.67E-03	1.22E-03	4.93E-03	7.00E-04	6.16E-05	8.87E-06	4.67E-03	6.57E-04	4.21E-05	6.07E-06	4.68E-03	6.59E-04	2.66E-01	3.60E-02	4.41E-01	4.76E-02
1024	Gridded	5.06E-03	5.49E-04	4.51E-06	5.62E-07	2.49E-03	2.74E-04	5.36E-03	5.86E-04	5.32E-03	5.81E-04	5.04E-03	5.47E-04	6.35E-03	7.07E-04	6.35E-03	7.07E-04	9.37E-03	1.02E-03	5.36E-03	5.86E-04	6.25E-05	7.79E-06	5.05E-03	5.48E-04	4.28E-05	5.33E-06	5.06E-03	5.50E-04	2.89E-01	3.44E-02	4.50E-01	3.93E-02
1025	Gridded	5.30E-03	5.21E-04	5.11E-06	5.53E-07	2.63E-03	2.55E-04	5.64E-03	5.51E-04	5.60E-03	5.47E-04	5.28E-03	5.20E-04	6.76E-03	6.48E-04	6.76E-03	6.48E-04	9.82E-03	9.66E-04	5.64E-03	5.51E-04	7.09E-05	7.67E-06	5.29E-03	5.21E-04	4.85E-05	5.25E-06	5.30E-03	5.22E-04	2.77E-01	3.47E-02	4.04E-01	4.10E-02
1026	Gridded	5.30E-03	5.57E-04	5.23E-06	6.13E-07	2.64E-03	2.75E-04	5.65E-03	5.92E-04	5.60E-03	5.87E-04	5.28E-03	5.55E-04	6.79E-03	7.06E-04	6.79E-03	7.06E-04	9.81E-03	1.03E-03	5.65E-03	5.92E-04	7.25E-05	8.51E-06	5.29E-03	5.56E-04	4.96E-05	5.82E-06	5.30E-03	5.57E-04	2.26E-01	3.50E-02	3.12E-01	4.26E-02
1027	Gridded	5.20E-03	6.11E-04	4.86E-06	6.73E-07	2.57E-03	3.03E-04	5.53E-03	6.50E-04	5.48E-03	6.45E-04	5.18E-03	6.09E-04	6.59E-03	7.77E-04	6.59E-03	7.77E-04	9.63E-03	1.13E-03	5.53E-03	6.50E-04	6.74E-05	9.34E-06	5.19E-03	6.10E-04	4.61E-05	6.39E-06	5.20E-03	6.12E-04	2.42E-01	3.60E-02	3.61E-01	4.50E-02
1028	Gridded	4.88E-03	6.76E-04	4.33E-06	7.39E-07	2.39E-03	3.36E-04	5.16E-03	7.20E-04	5.12E-03	7.14E-04	4.86E-03	6.74E-04	6.09E-03	8.62E-04	6.09E-03	8.62E-04	9.04E-03	1.25E-03	5.16E-03	7.20E-04	6.01E-05	1.03E-05	4.87E-03	6.75E-04	4.11E-05	7.02E-06	4.88E-03	6.77E-04	2.47E-01	3.73E-02	3.87E-01	4.73E-02
1029	Gridded	4.25E-03	7.23E-04	4.81E-06	7.93E-07	2.16E-03	3.60E-04	4.58E-03	7.71E-04	4.53E-03	7.64E-04	4.23E-03	7.21E-04	5.63E-03	9.37E-04	5.63E-03	9.37E-04	7.88E-03	1.34E-03	4.58E-03	7.71E-04	6.67E-05	1.10E-05	4.25E-03	7.22E-04	4.57E-05	7.52E-06	4.26E-03	7.24E-04	2.42E-01	4.06E-02	3.89E-01	4.74E-02

Scenario 4 Results

1030 Gridded	4.53E-03	7.37E-04	5.05E-06	8.02E-07	2.30E-03	3.62E-04	4.87E-03	7.82E-04	4.82E-03	7.75E-04	4.51E-03	7.35E-04	5.97E-03	9.41E-04	5.97E-03	9.41E-04	8.38E-03	1.37E-03	4.87E-03	7.82E-04	7.01E-05	1.11E-05	4.52E-03	7.36E-04	4.79E-05	7.61E-06	4.53E-03	7.38E-04	2.25E-01	4.76E-02	3.71E-01	6.15E-02
1031 Gridded	4.95E-03	8.35E-04	5.69E-06	8.62E-07	2.52E-03	4.10E-04	5.33E-03	8.85E-04	5.28E-03	8.78E-04	4.92E-03	8.33E-04	6.58E-03	1.05E-03	6.58E-03	1.05E-03	9.16E-03	1.55E-03	5.33E-03	8.85E-04	7.89E-05	1.20E-05	4.94E-03	8.34E-04	5.40E-05	8.18E-06	4.95E-03	8.36E-04	2.31E-01	5.30E-02	3.95E-01	7.79E-02
1032 Gridded	5.38E-03	9.30E-04	6.29E-06	9.20E-07	2.75E-03	4.55E-04	5.80E-03	9.84E-04	5.74E-03	9.76E-04	5.35E-03	9.27E-04	7.18E-03	1.16E-03	7.18E-03	1.16E-03	9.96E-03	1.72E-03	5.80E-03	9.84E-04	8.72E-05	1.28E-05	5.37E-03	9.28E-04	5.97E-05	8.73E-06	5.38E-03	9.30E-04	2.46E-01	5.38E-02	4.53E-01	8.80E-02
1033 Gridded	4.71E-03	8.67E-04	5.47E-06	8.33E-07	2.41E-03	4.25E-04	5.08E-03	9.19E-04	5.03E-03	9.11E-04	4.69E-03	8.65E-04	6.28E-03	1.08E-03	6.28E-03	1.08E-03	8.73E-03	1.61E-03	5.08E-03	9.19E-04	7.59E-05	1.16E-05	4.70E-03	8.66E-04	5.19E-05	7.91E-06	4.72E-03	8.68E-04	2.22E-01	4.62E-02	4.43E-01	8.26E-02
1034 Gridded	4.28E-03	7.58E-04	4.41E-06	8.94E-07	2.12E-03	3.74E-04	4.56E-03	8.05E-04	4.52E-03	7.98E-04	4.27E-03	7.55E-04	5.44E-03	9.59E-04	5.44E-03	9.59E-04	7.94E-03	1.40E-03	4.56E-03	8.05E-04	6.11E-05	1.24E-05	4.28E-03	7.57E-04	4.18E-05	8.48E-06	4.29E-03	7.58E-04	2.19E-01	4.26E-02	3.97E-01	6.41E-02
1035 Gridded	4.63E-03	7.22E-04	5.67E-06	1.05E-06	2.38E-03	3.64E-04	5.01E-03	7.64E-04	4.95E-03	7.58E-04	4.60E-03	7.19E-04	6.25E-03	9.75E-04	6.25E-03	9.75E-04	8.57E-03	1.34E-03	5.01E-03	7.64E-04	7.86E-05	1.45E-05	4.62E-03	7.21E-04	5.38E-05	9.92E-06	4.63E-03	7.22E-04	2.83E-01	5.06E-02	4.71E-01	7.19E-02
1036 Gridded	7.20E-03	8.46E-04	1.29E-05	1.01E-06	3.68E-03	4.34E-04	7.76E-03	9.14E-04	7.68E-03	9.05E-04	7.16E-03	8.43E-04	9.60E-03	1.13E-03	9.60E-03	1.13E-03	1.33E-02	1.57E-03	7.76E-03	9.14E-04	1.79E-04	1.40E-05	7.18E-03	8.45E-04	1.22E-04	9.55E-06	7.20E-03	8.47E-04	3.35E-01	6.84E-02	5.89E-01	9.50E-02
1037 Gridded	9.05E-03	8.15E-04	9.70E-06	8.52E-07	4.56E-03	4.10E-04	9.70E-03	8.73E-04	9.61E-03	8.65E-04	9.01E-03	8.12E-04	1.18E-02	1.06E-03	1.18E-02	1.06E-03	1.68E-02	1.51E-03	9.70E-03	8.73E-04	1.35E-04	1.18E-05	9.03E-03	8.14E-04	9.21E-05	8.08E-06	9.05E-03	8.16E-04	3.30E-01	7.19E-02	4.22E-01	1.19E-01
1038 Gridded	7.78E-03	8.38E-04	7.38E-06	1.01E-06	3.85E-03	4.23E-04	8.27E-03	8.99E-04	8.20E-03	8.90E-04	7.75E-03	8.35E-04	9.89E-03	1.11E-03	9.89E-03	1.11E-03	1.44E-02	1.55E-03	8.27E-03	8.99E-04	1.02E-04	1.40E-05	7.76E-03	8.37E-04	7.00E-05	9.58E-06	7.78E-03	8.39E-04	3.04E-01	6.47E-02	4.73E-01	1.02E-01
1039 Gridded	1.03E-02	1.00E-03	7.76E-06	9.53E-07	4.43E-03	4.74E-04	1.03E-02	1.05E-03	1.03E-02	1.04E-03	1.03E-02	1.00E-03	1.10E-02	1.18E-03	1.10E-02	1.18E-03	1.92E-02	1.86E-03	1.03E-02	1.05E-03	1.08E-04	1.32E-05	1.03E-02	1.00E-03	7.37E-05	9.04E-06	1.03E-02	1.00E-03	3.57E-01	6.57E-02	5.95E-01	1.00E-01
1040 Gridded	1.19E-02	1.09E-03	1.35E-05	1.12E-06	5.94E-03	5.07E-04	1.27E-02	1.13E-03	1.26E-02	1.12E-03	1.18E-02	1.09E-03	1.53E-02	1.26E-03	1.53E-02	1.26E-03	2.20E-02	2.02E-03	1.27E-02	1.13E-03	1.87E-04	1.56E-05	1.19E-02	1.09E-03	1.28E-04	1.07E-05	1.19E-02	1.09E-03	5.13E-01	5.56E-02	7.62E-01	8.83E-02
1041 Gridded	1.33E-02	1.12E-03	1.14E-05	9.38E-07	6.49E-03	5.47E-04	1.40E-02	1.18E-03	1.39E-02	1.18E-03	1.32E-02	1.12E-03	1.65E-02	1.39E-03	1.65E-02	1.39E-03	2.46E-02	2.08E-03	1.40E-02	1.18E-03	1.58E-04	1.30E-05	1.32E-02	1.12E-03	1.08E-04	8.90E-06	1.33E-02	1.12E-03	4.27E-01	8.35E-02	7.29E-01	1.37E-01
1042 Gridded	7.96E-03	1.20E-03	7.90E-06	1.19E-06	3.97E-03	5.97E-04	8.50E-03	1.28E-03	8.42E-03	1.27E-03	7.93E-03	1.19E-03	1.02E-02	1.54E-03	1.02E-02	1.54E-03	1.48E-02	2.22E-03	8.50E-03	1.28E-03	1.10E-04	1.65E-05	7.95E-03	1.19E-03	7.49E-05	1.13E-05	7.97E-03	1.20E-03	4.86E-01	9.21E-02	7.97E-01	1.71E-01
1043 Gridded	7.45E-03	9.14E-04	1.16E-05	1.74E-06	3.87E-03	5.15E-04	8.10E-03	1.03E-03	8.01E-03	1.01E-03	7.42E-03	9.07E-04	1.02E-02	1.41E-03	1.02E-02	1.41E-03	1.38E-02	1.69E-03	8.10E-03	1.03E-03	1.61E-04	2.42E-05	7.44E-03	9.11E-04	1.10E-04	1.65E-05	7.46E-03	9.15E-04	4.85E-01	7.18E-02	1.16E+00	1.12E-01
1044 Gridded	9.85E-03	1.19E-03	1.22E-05	9.86E-07	4.51E-03	5.78E-04	1.01E-02	1.25E-03	1.01E-02	1.24E-03	9.84E-03	1.18E-03	1.10E-02	1.47E-03	1.10E-02	1.47E-03	1.83E-02	2.20E-03	1.01E-02	1.25E-03	1.69E-04	1.37E-05	9.85E-03	1.19E-03	1.15E-04	9.36E-06	9.86E-03	1.19E-03	6.43E-01	5.98E-02	1.04E+00	8.30E-02
1045 Gridded	1.10E-02	8.13E-04	1.14E-05	8.80E-07	5.51E-03	4.11E-04	1.17E-02	8.72E-04	1.16E-02	8.64E-04	1.09E-02	8.10E-04	1.42E-02	1.07E-03	1.42E-02	1.07E-03	2.03E-02	1.51E-03	1.17E-02	8.72E-04	1.58E-04	1.22E-05	1.10E-02	8.12E-04	1.08E-04	8.35E-06	1.10E-02	8.14E-04	6.07E-01	6.64E-02	1.01E+00	1.41E-01
1046 Gridded	8.62E-03	9.30E-04	9.52E-06	1.23E-06	4.21E-03	4.86E-04	9.12E-03	1.01E-03	9.05E-03	1.00E-03	8.60E-03	9.26E-04	1.07E-02	1.28E-03	1.07E-02	1.28E-03	1.60E-02	1.72E-03	9.12E-03	1.01E-03	1.32E-04	1.71E-05	8.61E-03	9.28E-04	9.03E-05	1.17E-05	8.63E-03	9.31E-04	5.20E-01	9.91E-02	1.73E+00	2.13E-01
1047 Gridded	7.69E-03	9.29E-04	8.87E-06	1.16E-06	3.63E-03	4.80E-04	8.01E-03	1.01E-03	7.96E-03	9.96E-04	7.67E-03	9.25E-04	9.06E-03	1.26E-03	9.06E-03	1.26E-03	1.43E-02	1.72E-03	8.01E-03	1.01E-03	1.23E-04	1.61E-05	7.68E-03	9.27E-04	8.41E-05	1.10E-05	7.69E-03	9.30E-04	5.11E-01	8.89E-02	1.08E+00	1.15E-01
1048 Gridded	9.26E-03	9.59E-04	1.23E-05	9.82E-07	4.49E-03	4.77E-04	9.76E-03	1.02E-03	9.69E-03	1.01E-03	9.23E-03	9.56E-04	1.14E-02	1.23E-03	1.14E-02	1.23E-03	1.72E-02	1.78E-03	9.76E-03	1.02E-03	1.70E-04	1.36E-05	9.25E-03	9.58E-04	1.16E-04	9.32E-06	9.27E-03	9.60E-04	4.98E-01	7.44E-02	1.67E+00	1.51E-01
1049 Gridded	1.10E-02	1.03E-03	1.00E-05	1.36E-06	5.42E-03	5.38E-04	1.17E-02	1.12E-03	1.16E-02	1.11E-03	1.10E-02	1.03E-03	1.38E-02	1.42E-03	1.38E-02	1.42E-03	2.04E-02	1.91E-03	1.17E-02	1.12E-03	1.39E-04	1.88E-05	1.10E-02	1.03E-03	9.49E-05	1.29E-05	1.10E-02	1.03E-03	5.10E-01	7.95E-02	8.87E-01	1.17E-01
1050 Gridded	9.07E-03	1.08E-03	1.08E-05	8.78E-07	4.46E-03	5.24E-04	9.59E-03	1.14E-03	9.52E-03	1.13E-03	9.04E-03	1.07E-03	1.17E-02	1.33E-03	1.17E-02	1.33E-03	1.68E-02	2.00E-03	9.59E-03	1.14E-03	1.50E-04	1.22E-05	9.06E-03	1.08E-03	1.03E-04	8.33E-06	9.08E-03	1.08E-03	5.24E-01	5.03E-02	1.02E+00	8.60E-02
1051 Gridded	7.38E-03	9.57E-04	8.94E-06	1.08E-06	3.73E-03	4.86E-04	7.92E-03	1.03E-03	7.84E-03	1.02E-03	7.35E-03	9.53E-04	9.68E-03	1.27E-03	9.68E-03	1.27E-03	1.37E-02	1.77E-03	7.92E-03	1.03E-03	1.24E-04	1.50E-05	7.36E-03	9.55E-04	8.49E-05	1.03E-05	7.38E-03	9.58E-04	4.13E-01	6.57E-02	5.76E-01	8.44E-02
1052 Gridded	6.38E-03	1.43E-03	9.21E-06	1.29E-06	3.31E-03	7.03E-04	6.82E-03	1.52E-03	6.73E-03	1.50E-03	6.36E-03	1.42E-03	8.83E-03	1.80E-03	8.83E-03	1.80E-03	1.18E-02	2.65E-03	6.82E-03	1.52E-03	1.28E-04	1.79E-05	6.37E-03	1.43E-03	8.74E-05	1.22E-05	6.39E-03	1.43E-03	3.85E-01	8.20E-02	5.58E-01	9.47E-02
1053 Gridded	9.14E-03	1.30E-03	9.12E-06	1.43E-06	4.56E-03	6.47E-04	9.76E-03	1.38E-03	9.67E-03	1.37E-03	9.11E-03	1.29E-03	1.18E-02	1.67E-03	1.18E-02	1.67E-03	1.69E-02	2.40E-03	9.76E-03	1.38E-03	1.26E-04	1.98E-05	9.13E-03	1.30E-03	8.65E-05	1.35E-05	9.15E-03	1.30E-03	3.67E-01	9.25E-02	5.86E-01	1.13E-01
1054 Gridded	8.62E-03	1.59E-03	1.01E-05	1.73E-06	4.18E-03	8.02E-04	9.09E-03	1.70E-03	9.02E-03	1.69E-03	8.59E-03	1.58E-03	1.06E-02	2.08E-03	1.06E-02	2.08E-03	1.60E-02	2.94E-03	9.09E-03	1.70E-03	1.40E-04	2.40E-05	8.61E-03	1.58E-03	9.56E-05	1.64E-05	8.62E-03	1.59E-03	4.34E-01	1.10E-01	5.49E-01	1.07E-01
1055 Gridded	7.89E-03	1.60E-03	1.09E-05	1.36E-06	4.15E-03	7.77E-04	8.62E-03	1.69E-03	8.52E-03	1.67E-03	7.85E-03	1.59E-03	1.10E-02	1.97E-03	1.10E-02	1.97E-03	1.46E-02	2.96E-03	8.62E-03	1.69E-03	1.51E-04	1.88E-05	7.87E-03	1.59E-03	1.03E-04	1.29E-05	7.89E-03	1.60E-03	4.18E-01	1.09E-01	6.87E-01	1.48E-01
1056 Gridded	6.53E-03	2.19E-03	7.99E-06	2.09E-06	3.37E-03	1.08E-03	7.07E-03	2.33E-03	7.00E-03	2.31E-03	6.50E-03	2.19E-03	8.82E-03	2.75E-03	8.82E-03	2.75E-03	1.21E-02	4.07E-03	7.07E-03	2.33E-03	1.11E-04	2.90E-05	6.52E-03	2.19E-03	7.58E-05	1.98E-05	6.54E-03	2.20E-03	5.03E-01	1.46E-01	6.22E-01	1.96E-01
1057 Gridded	5.63E-03	2.04E-03	5.88E-06	2.34E-06	2.79E-03	9.92E-04	5.99E-03	2.15E-03	5.94E-03	2.14E-03	5.61E-03	2.04E-03	7.15E-03	2.59E-03	7.15E-03	2.59E-03	1.04E-02	3.79E-03	5.99E-03	2.15E-03	8.15E-05	3.25E-05	5.62E-03	2.04E-03	5.58E-05	2.22E-05	5.63E-03	2.05E-03	4.49E-01	1.42E-01	5.49E-01	1.80E-01
1058 Gridded	5.27E-03	1.92E-03	5.55E-06	1.56E-06	2.49E-03	9.25E-04	5.49E-03	2.02E-03	5.46E-03	2.00E-03	5.26E-03	1.91E-03	6.33E-03	2.33E-03	6.33E-03	2.33E-03	9.77E-03	3.56E-03	5.49E-03	2.02E-03	7.69E-05	2.16E-05	5.26E-03	1.92E-03	5.26E-05	1.48E-05	5.27E-03	1.92E-03	3.19E-01	1.25E-01	5.28E-01	1.21E-01
1059 Gridded	4.80E-03	1.55E-03	7.08E-06	1.60E-06	2.48E-03	7.54E-04	5.10E-03	1.61E-03	5.04E-03	1.60E-03	4.79E-03	1.55E-03	6.65E-03	1.96E-03	6.65E-03	1.96E-03	8.90E-03	2.87E-03	5.10E-03	1.61E-03	9.82E-05	2.22E-05	4.80E-03	1.55E-03	6.72E-05	1.52E-05	4.80E-03	1.55E-03	3.54E-01	1.12E-01	6.20E-01	1.19E-01
1060 Gridded	5.46E-03	1.69E-03	5.70E-06	1.57E-06	2.66E-03	8.36E-04	5.74E-03	1.80E-03	5.70E-03	1.78E-03	5.45E-03	1.69E-03	6.90E-03	2.14E-03	6.90E-03	2.14E-03	1.01E-02	3.14E-03	5.74E-03	1.80E-03	7.90E-05	2.18E-05	5.46E-03	1.69E-03	5.41E-05	1.49E-05	5.47E-03	1.69E-03	4.68E-01	1.03E-01	5.77E-01	1.05E-01
1061 Gridded	4.69E-03	1.19E-03	4.25E-06	1.01E-06	2.15E-03	5.81E-04	4.82E-03	1.26E-03	4.80E-03	1.25E-03	4.68E-03	1.18E-03	5.24E-03	1.48E-03	5.24E-03	1.48E-03	8.70E-03	2.20E-03	4.82E-03	1.26E-03	5.89E-05	1.40E-05	4.69E-03	1.19E-03	4.03E-05	9.55E-06	4.69E-03	1.19E-03	3.35E-01	8.36E-02	4.18E-01	1.08E-01
1062 Gridded	4.57E-03	8.27E-04	3.67E-06	7.33E-07	2.14E-03	4.01E-04	4.74E-03	8.72E-04	4.72E-03	8.65E-04	4.56E-03	8.24E-04	5.30E-03	1.02E-03	5.30E-03	1.02E-03	8.48E-03	1.53E-03	4.74E-03	8.72E-04	5.09E-05	1.02E-05	4.57E-03	8.26E-04	3.48E-05	6.96E-06	4.57E-03	8.27E-04	2.42E-01	7.99E-02	3.83E-01	1.03E-01
1063 Gridded	3.90E-03	7.39E-04	3.45E-06	7.07E-07	1.88E-03	3.67E-04	4.10E-03	7.87E-04	4.07E-03	7.80E-04	3.89E-03	7.37E-04	4.74E-03	9.42E-04	4.74E-03	9.42E-04	7.23E-03	1.37E-03	4.10E-03	7.87E-04	4.79E-05	9.81E-06	3.89E-03	7.38E-04	3.28E-05	6.71E-06	3.90E-03	7.40E-04	2.09E-01	7.51E-02	3.50E-01	9.74E-02
1064 Gridded	3.38E-03	7.83E-04	5.04E-06	7.35E-07	1.72E-03	3.88E-04	3.58E-03	8.33E-04	3.55E-03	8.26E-04	3.37E-03	7.80E-04	4.62E-03	9.94E-04	4.62E-03	9.94E-04	6.26E-03	1.45E-03	3.58E-03	8.33E-04	6.99E-05	1.02E-05	3.37E-03	7.82E-04	4.78E-05	6.98E-06	3.38E-03	7.84E-04	2.47E-01	7.42E-02	3.30E-01	9.59E-02
1065 Gridded	6.80E-03	8.10E-04	8.94E-06	8.27E-07	3.55E-03	4.00E-04	7.41E-03	8.61E-04	7.32E-03	8.54E-04	6.77E-03	8.07E-04	9.36E-03	1.02E-03	9.36E-03	1.02E-03	1.26E-02	1.50E-03	7.41E-03	8.61E-04	1.24E-04	1.15E-05	6.79E-03	8.09E-04	8.48E-05	7.85E-06	6.81E-03	8.11E-04	4.06E-01	6.91E-02	4.30E-01	8.86E-02
1066 Gridded	1.03E-02	8.42E-04	1.19E-05	9.08E-07	5.27E-03	4.16E-04	1.11E-02	8.94E-04	1.10E-02	8.86E-04	1.03E-02	8.39E-04	1.38E-02	1.08E-03	1.38E-02	1.08E-03	1.92E-02	1.56E-03	1.11E-02	8.94E-04	1.65E-04	1.26E-05	1.03E-02	8.41E-04	1.13E-04	8.62E-06	1.04E-02	8.43E-04	5.16E-01	6.25E-02	4.88E-01	7.84E-02
1067 Gridded	1.07E-02	8.67E-04	1.19E-05	8.03E-07	5.42E-03	4.28E-04	1.15E-02	9.20E-04	1.14E-02	9.13E-04	1.06E-02	8.64E-04	1.41E-02	1.09E-03	1.41E-02	1.09E-03	1.98E-02	1.61E-03	1.15E-02	9.20E-04	1.65E-04	1.11E-05	1.07E-02	8.66E-04	1.13E-04	7.62E-06	1.07E-02	8.67E-04	4.75E-01	5.68E-02	4.99E-01	9.59E-02
1068 Gridded	8.40E-03	1.44E-03	8.86E-06	1.20E-06	4.23E-03	7.00E-04	9.00E-03	1.52E-03	8.92E-03	1.50E-03	8.37E-03	1.43E-03	1.09E-02	1.78E-03	1.09E-02	1.78E-03	1.56E-02	2.66E-03	9.00E-03	1.52E-03	1.23E-04	1.66E-05	8.39E-03	1.43E-03	8.41E-05	1.14E-05	8.41E-03	1.44E-03	3.62E-01	8.35E-02	5.98E-01	1.27E-01
1069 Gridded	7.65E-03	1.66E-03	6.74E-06	1.62E-06	3.67E-03	8.11E-04	8.03E-03	1.75E-03	7.97E-03	1.74E-03	7.63E-03	1.65E-03	9.25E-03	2.06E-03	9.25E-03	2.06E-03	1.42E-02	3.07E-03	8.03E-03	1.75E-03	9.35E-05	2.25E-05	7.64E-03	1.66E-03	6.40E-05	1.54E-05	7.65E-03	1.66E-03	4.61E-01	1.00E-01	6.83E-01	1.33E-01
1070 Gridded	6.76E-03	1.45E-03	7.53E-06	1.83E-06	3.21E-03	7.04E-04	7.00E-03	1.53E-03	6.95E-03	1.52E-03	6.75E-03	1.45E-03	8.12E-03	1.79E-03	8.12E-03	1.79E-03	1.25E-02	2.69E-03	7.00E-03	1.53E-03	1.04E-04	2.54E-05	6.75E-03	1.45E-03	7.15E-05	1.74E-05	6.76E-03	1.45E-03	4.49E-01	9.66E-02	6.08E-01	1.14E-01
1071 Gridded	6.81E-03	1.20E-03	6.44E-06	1.60E-06	3.28E-03	6.29E-04	7.15E-03	1.31E-03	7.10E-03	1.30E-03	6.79E-03	1.20E-03	8.27E-03	1.66E-03	8.27E-03	1.66E-03	1.26E-02	2.23E-03	7.15E-03	1.31E-03	8.94E-05	2.22E-05	6.80E-03	1.20E-03	6.11E-05	1.52E-05	6.81E-03	1.20E-03	3.74E-01	7.96E-02	5.21E-01	8.67E-02
1072 Gridded	6.86E-03	1.18E-03	6.68E-06	9.22E-07	3.27E-03	5.70E-04	7.16E-03	1.24E-03	7.12E-03	1.23E-03	6.84E-03	1.17E-03	8.32E-03	1.44E-03	8.32E-03	1.44E-03	1.27E-02	2.18E-03	7.16E-03	1.24E-03	9.26E-05	1.28E-05	6.85E-03	1.18E-03	6.34E-05	8.75E-06	6.86E-03	1.18E-03	3.18E-01	4.32E-02	5.85E-01	7.14E-02
1073 Gridded	6.07E-03	9.92E-04	5.98E-06	8.47E-07	2.93E-03	4.85E-04	6.37E-03	1.05E-03	6.33E-03	1.04E-03	6.05E-03	9.88E-04	7.50E-03	1.23E-03	7.50E-03	1.23E-03	1.12E-02	1.84E-03	6.37E-03	1.05E-03	8.30E-05	1.17E-05	6.06E-03	9.90E-04	5.68E-05	8.04E-06	6.07E-03	9.92E-04	3.03E-01	4.25E-02	5.77E-01	7.06E-02
1074 Gridded	5.48E-03	8.53E-04	5.32E-06	7.97E-07	2.72E-03	4.22E-04	5.83E-03	9.07E-04	5.78E-03	9.00E-04	5.46E-03	8.50E-04	7.00E-03	1.08E-03	7.00E-03	1.08E-03	1.01E-02	1.58E-03	5.83E-03	9.07E-04	7.38E-05	1.11E-05	5.47E-03	8.52E-04	5.05E-05	7.56E-06	5.48E-03	8.54E-04	2.75E-01	4.30E-02	5.90E-01	6.80E-02
1075 Gridded	4.11E-03	6.78E-04	4.40E-06	6.57E-07	2.03E-03	3.35E-04	4.37E-03	7.21E-04	4.34E-03	7.15E-04	4.10E-03	6.76E-04	5.21E-03	8.57E-04	5.21E-03	8.57E-04	7.62E-03	1.26E-03	4.37E-03	7.21E-04	6.10E-05	9.12E-06	4.11E-03	6.78E-04	4.17E-05	6.24E-06	4.12E-03	6.79E-04	2.30E-01	3.98E-02	5.42E-01	6.09E-02
1076 Gridded	4.53E-03	6.81E-04	4.17E-06	6.53E-07	2.12E-03	3.38E-04	4.70E-03	7.25E-04	4.68E-03	7.19E-04	4.52E-03	6.79E-04	5.25E-03	8.66E-04	5.25E-03	8.66E-04	8.40E-03	1.26E-03	4.70E-03	7.25E-04	5.78E-05	9.05E-06	4.53E-03	6.80E-04	3.95E-05	6.19E-06	4.53E-03	6.82E-04	2.58E-01	3.95E-02	5.28E-01	5.92E-02
1077 Gridded	5.20E-03	6.31E-04	4.33E-06	6.23E-07	2.43E-03	3.14E-04	5.39E-03	6.73E-04	5.36E-03	6.67E-04	5.19E-03	6.29E-04	6.01E-03	8.10E-04	6.01E-03	8.10E-04	9.64E-03	1.17E-03	5.39E-03	6.73E-04	6.00E-05	8.64E-06	5.20E-03	6.30E-04	4.11E-05	5.91E-06	5.20E-03	6.32E-04	2.74E-01	3.79E-02	4.55E-01	5.40E-02
1078 Gridded	5.79E-03	5.89E-04	5.04E-06	6.02E-07	2.72E-03	2.95E-04	6.02E-03	6.29E-04	5.99E-03	6.24E-04	5.78E-03	5.86E-04	6.76E-03	7.61E-04	6.76E-03	7.61E-04	1.07E-02	1.09E-03	6.02E-03	6.29E-04	6.99E-05	8.35E-06	5.79E-03	5.88E-04	4.78E-05	5.72E-06	5.80E-03	5.89E-04	2.53E-01	3.86E-02	4.22E-01	4.65E-02
1079 Gridded	6.29E-03	6.51E-04	5.81E-06	5.86E-07	2.99E-03	3.17E-04	6.57E-03	6.87E-04	6.53E-03	6.82E-04	6.27E-03	6.49E-04	7.66E-03	8.05E-04	7.66E-03	8.05E-04	1.17E-02	1.21E-03	6.57E-03	6.87E-04	8.06E-05	8.12E-06	6.28E-03	6.50E-04	5.52E-05	5.56E-06	6.29E-03	6.51E-04	2.12E-01	4.10E-02	3.50E-01	5.10E-02
1080 Gridded	6.67E-03	7.19E-04	6.44E-06	6.57E-07	3.24E-03	3.52E-04	7.00E-03	7.61E-04	6.96E-03	7.56E-04	6.65E-03	7.17E-04	8.33E-03	8.98E-04	8.33E-03	8.98E-04	1.24E-02	1.33E-03	7.00E-03	7.61E-04	8.93E-05	9.11E-06	6.66E-03	7.19E-04	6.11E-05	6.23E-06	6.67E-03	7.20E-04	2.26E-01	4.38E-02	3.48E-01	5.60E-02
1081 Gridded	6.72E-03	7.49E-04	6.68E-06	7.33E-07	3.26E-03	3.68E-04	7.08E-03	7.94E-04	7.03E-03	7.88E-04	6.70E-03	7.46E-04	8.26E-03	9.42E-04	8.26E-03	9.42E-04	1.25E-02	1.39E-03	7.08E-03	7.94E-04	9.27E-05	1.02E-05	6.72E-03	7.48E-04	6.34E-05	6.95E-06	6.73E-03	7.49E-04	2.37E-01	4.57E-02	3.60E-01	6.03E-02
1082 Gridded	6.59E-03	7.78E-04	6.83E-06	8.15E-07	3.21E-03	3.84E-04	6.96E-03	8.26E-04	6.91E-03	8.20E-04	6.57E-03	7.75E-04	8.18E-03	9.84E-04	8.18E-03	9.84E-04	1.22E-02	1.44E-03	6.96E-03	8.26E-04	9.47E-05	1.13E-05	6.58E-03	7.77E-04	6.48E-05	7.74E-06	6.59E-03	7.78E-04	2.54E-01	4.85E-02	3.76E-01	6.55E-02
1083 Gridded	6.31E-03	9.36E-04	6.87E-06	9.27E-07	3.19E-03	4.63E-04	6.77E-03	9.95E-04	6.71E-03	9.87E-04	6.28E-03	9.33E-04	8.28E-03	1.19E-03	8.28E-03	1.19E-03	1.17E-02	1.74E-03	6.77E-03	9.95E-04	9.53E-05	1.29E-05	6.30E-03	9.35E-04	6.52E-05	8.79E-06	6.31E-03	9.37E-04	2.98E-01	6.42E-02	5.01E-01	7.57E-02
1084 Gridded	4.93E-03	1.01E-03	6.39E-06	9.46E-07	2.46E-03	5.00E-04	5.26E-03	1.08E-03	5.21E-03	1.07E-03	4.91E-03	1.01E-03	6.34E-03	1.28E-03	6.34E-03	1.28E-03	9.13E-03	1.87E-03	5.26E-03	1.08E-03	8.86E-05	1.31E-05	4.92E-03	1.01E-03	6.06E-05	8.98E-06	4.93E-03	1.01E-03	3.09E-01	7.43E-02	4.93E-01	1.01E-01
1085 Gridded	4.44E-03	1.02E-03	6.36E-06	9.44E-07	2.27E-03	5.06E-04	4.72E-03	1.09E-03	4.68E-03	1.08E-03	4.42E-03	1.02E-03	6.06E-03	1.30E-03	6.06E-03	1.30E-03	8.22E-03	1.90E-03	4.72E-03	1.09E-03	8.82E-05	1.31E-05	4.43E-03	1.02E-03	6.04E-05	8.95E-06	4.44E-03	1.03E-03	3.14E-01	7.54E-02	5.36E-01	1.19E-01
1086 Gridded	4.31E-03	9.66E-04	5.73E-06	9.18E-07	2.19E-03	4.76E-04	4.64E-03	1.03E-03	4.59E-03	1.02E-03	4.29E-03	9.62E-04	5.69E-03	1.22E-03	5.69E-03	1.22E-03	7.98E-03	1.79E-03	4.64E-03	1.03E-03	7.95E-05	1.27E-05	4.30E-03	9.64E-04	5.44E-05	8.71E-06	4.31E-03	9.66E-04	2.84E-01	6.67E-02	5.17E-01	1.23E-01
1087 Gridded	4.65E-03	8.42E-04	1.60E-05	1.01E-06	2.32E-03	4.18E-04	4.97E-03	8.97E-04	4.92E-03	8.89E-04	4.64E-03	8.39E-04	5.99E-03	1.07E-03	5.99E-03	1.07E-03	8.62E-03	1.56E-03	4.97E-03	8.97E-04	2.22E-04	1.40E-05	4.65E-03	8.41E-04	1.52E-04	9.56E-06	4.66E-03	8.42E-04	3.18E-01	5.49E-02	4.56E-01	1.01E-01
1088 Gridded	5.15E-03	8.94E-04	1.04E-05	1.09E-06	2.56E-03	4.51E-04	5.49E-03	9.58E-04	5.44E-03	9.49E-04	5.14E-03	8.90E-04	6.82E-03	1.17E-03	6.82E-03	1.17E-03	9.55E-03	1.66E-03	5.49E-03	9.58E-04	1.44E-04	1.51E-05	5.15E-03	8.92E-04	9.82E-05	1.03E-05	5.16E-03	8.95E-04	3.23E-01	6.89E-02	5.42E-01	9.49E-02
1089 Gridded	5.54E-03	1.01E-03	8.91E-06	1.07E-06	2.90E-03	5.10E-04	6.04E-03	1.09E-03	5.97E-03	1.08E-03	5.51E-03	1.01E-03	7.66E-03	1.32E-03	7.66E-03	1.32E-03	1.03E-02	1.88E-03	6.04E-03	1.09E-03	1.24E-04	1.48E-05	5.53E-03	1.01E-03	8.45E-05	1.01E-05	5.54E-03	1.01E-03	2.93E-01	9.56E-02	5.37E-01	1.41E-01
1090 Gridded	6.69E-03	1.04E-03	7.09E-06	1.16E-06	3.35E-03	5.23E-04	7.15E-03	1.11E-03	7.08E-03	1.10E-03	6.67E-03	1.04E-03	8.63E-03	1.36E-03	8.63E-03	1.36E-03	1.24E-02	1.93E-03	7.15E-03	1.11E-03	9.83E-05	1.61E-05	6.68E-03	1.04E-03	6.73E-05	1.10E-05	6.70E-03	1.04E-03	3.31E-01	9.23E-02	6.57E-01	1.72E-01
1091 Gridded	1.25E-02	1.12E-03	8.66E-06	1.20E-06	5.35E-03	5.24E-04	1.25E-02	1.16E-03	1.25E-02	1.16E-03	1.25E-02	1.12E-03	1.25E-02	1.36E-03	1.25E-02	1.36E-03	2.32E-02	2.08E-03	1.25E-02	1.16E-03	1.20E-04	1.67E-05	1.25E-02	1.12E-03	8.22E-05	1.14E-05	1.25E-02	1.12E-03	4.43E-01	8.61E-02	8.74E-01	1.33E-01
1092 Gridded	1.29E-02	1.24E-03	1.77E-05	1.30E-06	6.79E-03	5.73E-04	1.41E-02	1.28E-03	1.40E-02	1.27E-03	1.29E-02	1.23E-03	1.80E-02	1.41E-03	1.80E-02	1.41E-03	2.39E-02	2.29E-03	1.41E-02	1.28E-03	2.45E-04	1.80E-05	1.29E-02	1.24E-03	1.68E-04	1.23E-05	1.29E-02	1.24E-03	7.20E-01	7.28E-02	1.19E+00	1.25E-01
1093 Gridded	2.33E-02	1.63E-03	2.04E-05	1.54E-06	1.14E-02	8.05E-04	2.46E-02	1.73E-03	2.44E-02	1.71E-03	2.32E-02	1.62E-03	2.91E-02	2.06E-03	2.91E-02	2.06E-03	4.31E-02	3.01E-03	2.46E-02	1.73E-03	2.83E-04	2.13E-05	2.32E-02	1.62E-03	1.93E-04	1.46E-05	2.33E-02	1.63E-03	7.35E-01	1.09E-01	8.47E-01	1.78E-01
1094 Gridded	7.07E-03	1.09E-03	8.04E-06	1.53E-06	3.54E-03	5.36E-04	7.56E-03	1.15E-03	7.49E-03	1.14E-03	7.05E-03	1.08E-03	9.13E-03	1.37E-03	9.13E-03	1.37E-03	1.31E-02	2.01E-03	7.56E-03	1.15E-03	1.12E-04	2.12E-05	7.06E-03	1.08E-03	7.63E-05	1.45E-05	7.08E-03	1.09E-03	5.92E-01	1.15E-01	1.08E+00	2.21E-01
1095 Gridded	7.13E-03	1.12E-03	1.10E-05	1.50E-06	3.70E-03	5.87E-04	7.75E-03	1.22E-03	7.66E-03	1.21E-03	7.09E-03	1.12E-03	9.95E-03	1.55E-03	9.95E-03	1.55E-03	1.32E-02	2.08E-03	7.75E-03	1.22E-03	1.53E-04	2.08E-05	7.11E-03	1.12E-03	1.04E-04	1.42E-05	7.13E-03	1.12E-03	6.80E-01	8.95E-02	1.67E+00	1.35E-01
1096 Gridded	1.17E-02	9.60E-04	1.37E-05	1.12E-06	5.97E-03	4.91E-04	1.26E-02	1.04E-03	1.25E-02	1.03E-03	1.16E-02	9.56E-04	1.56E-02	1.28E-03	1.56E-02	1.28E-03	2.16E-02	1.78E-03	1.26E-02	1.04E-03	1.90E-04	1.56E-05	1.17E-02	9.58E-04	1.30E-04	1.07E-05	1.17E-02	9.61E-04	6.34E-01	9.00E-02	1.30E+00	1.80E-01
1097 Gridded	1.28E-02	9.62E-04	1.09E-05	1.20E-06	6.22E-03	4.82E-04	1.35E-02	1.03E-03	1.34E-02	1.02E-03	1.27E-02	9.59E-04	1.58E-02	1.25E-03	1.58E-02	1.25E-03	2.37E-02	1.78E-03	1.35E-02	1.03E-03	1.51E-04	1.66E-05	1.27E-02	9.61E-04	1.03E-04	1.13E-05	1.28E-02	9.63E-04	6.28E-01	1.14E-01	1.89E+00	2.41E-01
1098 Gridded	8.30E-03	8.72E-04	8.16E-06	1.16E-06	4.13E-03	4.55E-04	8.85E-03	9.50E-04	8.77E-03	9.39E-04	8.27E-03	8.67E-04	1.06E-02	1.20E-03	1.06E-02	1.20E-03	1.54E-02	1.61E-03	8.85E-03	9.50E-04	1.13E-04	1.61E-05	8.29E-03	8.70E-04	7.75E-05	1.10E-05	8.31E-03	8.72E-04	6.43E-01	1.05E-01	1.30E+00	1.42E-01
1099 Gridded	1.19E-02	9.67E-04	1.39E-05	1.15E-06	5.80E-03	4.95E-04	1.25E-02	1.04E-03	1.24E-02	1.03E-03	1.18E-02	9.63E-04	1.48E-02	1.30E-03	1.48E-02	1.30E-03	2.20E-02	1.79E-03	1.25E-02	1.04E-03	1.92E-04	1.59E-05	1.18E-02	9.66E-04	1.31E-04	1.09E-05	1.19E-02	9.68E-04	6.18E-01	8.55E-02	1.42E+00	1.43E-01
1100 Gridded	1.19E-02	1.36E-03	1.18E-05	1.39E-06	5.75E-03	6.82E-04	1.25E-02	1.46E-03	1.24E-02	1.44E-03	1.19E-02	1.36E-03	1.49E-02	1.76E-03	1.49E-02	1.76E-03	2.21E-02	2.52E-03	1.25E-02	1.46E-03	1.63E-04	1.93E-05	1.19E-02	1.36E-03	1.12E-04	1.32E-05	1.19E-02	1.36E-03	7.47E-01	7.72E-02	1.14E+00	9.80E-02
1101 Gridded	8.23E-03	1.06E-03	1.06E-05	1.36E-06	4.28E-03	5.49E-04	8.95E-03	1.15E-03	8.85E-03	1.14E-03	8.19E-03	1.05E-03	1.13E-02	1.45E-03	1.13E-02	1.45E-03	1.52E-02	1.96E-03	8.95E-03	1.15E-03	1.47E-04	1.88E-05	8.22E-03	1.06E-03	1.00E-04	1.29E-05	8.24E-03	1.06E-03	5.59E-01	8.44E-02	7.75E-01	1.20E-01
1102 Gridded	6.97E-03	1.64E-03	9.65E-06	1.52E-06	3.60E-03	8.10E-04	7.47E-03	1.74E-03	7.37E-03	1.73E-03	6.94E-03	1.63E-03	9.58E-03	2.07E-03	9.58E-03	2.07E-03	1.29E-02	3.04E-03	7.47E-03	1.74E-03	1.34E-04	2.11E-05	6.96E-03	1.64E-03	9.15E-05	1.45E-05	6.98E-03	1.64E-03	4.31E-01	1.02E-01	6.20E-01	1.23E-01
1103 Gridded	9.75E-03	1.62E-03	9.52E-06	1.73E-06	4.85E-03	8.18E-04	1.04E-02	1.74E-03	1.03E-02	1.72E-03	9.72E-03	1.62E-03	1.25E-02	2.12E-03	1.25E-02	2.12E-03	1.81E-02	3.01E-03	1.04E-02	1.74E-03	1.32E-04	2.40E-05	9.74E-03	1.62E-03	9.03E-05	1.64E-05	9.76E-03	1.62E-03	4.84E-01	1.19E-01	7.52E-01	1.33E-01
1104 Gridded	8.81E-03	1.96E-03	1.21E-05	1.90E-06	4.43E-03	9.74E-04	9.30E-03	2.09E-03	9.23E-03	2.07E-03	8.78E-03	1.95E-03	1.18E-02	2.50E-03	1.18E-02	2.50E-03	1.63E-02	3.63E-03	9.30E-03	2.09E-03	1.68E-04	2.64E-05	8.80E-03	1.96E-03	1.15E-04	1.81E-05	8.82E-03	1.96E-03	4.96E-01	1.17E-01	7.34E-01	1.56E-01
1105 Gridded	9.55E-03	1.77E-03	1.22E-05	1.88E-06	4.95E-03	8.89E-04	1.04E-02	1.90E-03	1.03E-02	1.88E-03	9.50E-03	1.76E-03	1.30E-02	2.30E-03	1.30E-02	2.30E-03	1.77E-02	3.28E-03	1.04E-02	1.90E-03	1.69E-04	2.60E-05	9.53E-03	1.77E-03	1.15E-04	1.78E-05	9.56E-03	1.77E-03	5.41E-01	1.39E-01	5.99E-01	1.88E-01
1106 Gridded	7.20E-03	2.17E-03	8.68E-06	2.32E-06	3.70E-03	1.06E-03	7.79E-03	2.29E-03	7.71E-03	2.28E-03	7.17E-03	2.17E-03	9.69E-03	2.68E-03	9.69E-03	2.68E-03	1.33E-02	4.03E-03	7.79E-03	2.29E-03	1.20E-04	3.21E-05	7.19E-03	2.17E-03	8.23E-05	2.20E-05	7.21E-03	2.17E-03	5.84E-01	1.46E-01	6.48E-01	1.88E-01
1107 Gridded	6.10E-03	2.30E-03	6.43E-06	1.77E-06	2.88E-03	1.10E-03	6.35E-03	2.41E-03	6.31E-03	2.39E-03	6.09E-03	2.29E-03	7.27E-03	2.77E-03	7.27E-03	2.77E-03	1.13E-02	4.26E-03	6.35E-03	2.41E-03	8.92E-05	2.45E-05	6.09E-03	2.30E-03	6.10E-05	1.68E-05	6.10E-03	2.30E-03	4.82E-01	1.44E-01	6.40E-01	1.42E-01
1108 Gridded	5.66E-03	1.71E-03	7.44E-06	1.81E-06	2.80E-03	8.60E-04	6.02E-03	1.83E-03	5.97E-03	1.81E-03	5.64E-03	1.70E-03	7.20E-03	2.23E-03	7.20E-03	2.23E-03	1.05E-02	3.16E-03	6.02E-03	1.83E-03	1.03E-04	2.51E-05	5.65E-03	1.70E-03	7.06E-05	1.72E-05	5.67E-03	1.71E-03	4.19E-01	1.27E-01	6.94E-01	1.25E-01
1109 Gridded	6.07E-03	1.88E-03	6.29E-06	1.62E-06	2.89E-03	9.21E-04	6.34E-03	1.99E-03	6.30E-03	1.98E-03	6.05E-03	1.88E-03	7.24E-03	2.35E-03	7.24E-03	2.35E-03	1.12E-02	3.49E-03	6.34E-03	1.99E-03	8.73E-05	2.25E-05	6.06E-03	1.88E-03	5.97E-05	1.54E-05	6.07E-03	1.88E-03	5.37E-01	1.10E-01	5.78E-01	1.46E-01
1110 Gridded	6.14E-03	1.32E-03	4.99E-06	1.11E-06	2.81E-03	6.38E-04	6.31E-03	1.39E-03	6.29E-03	1.38E-03	6.14E-03	1.32E-03	6.84E-03	1.61E-03	6.84E-03	1.61E-03	1.14E-02	2.45E-03	6.31E-03	1.39E-03	6.92E-05	1.53E-05	6.14E-03	1.32E-03	4.73E-05	1.05E-05	6.15E-03	1.32E-03	3.54E-01	1.19E-01	5.43E-01	1.52E-01
1111 Gridded	6.50E-03	1.15E-03	3.77E-06	1.06E-06	3.01E-03	5.67E-04	6.72E-03	1.22E-03	6.68E-03	1.21E-03	6.49E-03	1.14E-03	7.42E-03	1.45E-03	7.42E-03	1.45E-03	1.21E-02	2.13E-03	6.72E-03	1.22E-03	5.23E-05	1.47E-05	6.49E-03	1.15E-03	3.58E-05	1.00E-05	6.50E-03	1.15E-03	3.21E-01	1.11E-01	5.17E-01	1.42E-01
1112 Gridded	5.71E-03	9.83E-04	3.96E-06	9.30E-07	2.73E-03	4.87E-04	5.97E-03	1.05E-03	5.94E-03	1.04E-03	5.69E-03	9.79E-04	6.84E-03	1.25E-03	6.84E-03	1.25E-03	1.06E-02	1.82E-03	5.97E-03	1.05E-03	5.49E-05	1.29E-05	5.70E-03	9.81E-04	3.75E-05	8.83E-06	5.71E-03	9.83E-04	2.71E-01	8.91E-02	4.01E-01	1.15E-01
1113 Gridded	4.43E-03	8.12E-04	4.35E-06	8.09E-07	2.20E-03	4.05E-04	4.72E-03	8.67E-04	4.68E-03	8.59E-04	4.41E-03	8.09E-04	5.67E-03	1.04E-03	5.67E-03	1.04E-03	8.20E-03	1.50E-03	4.72E-03	8.67E-04	6.03E-05	1.12E-05	4.42E-03	8.11E-04	4.12E-05	7.68E-06	4.43E-03	8.13E-04	2.36E-01	6.51E-02	3.69E-01	8.41E-02
1114 Gridded	3.68E-03	7.61E-04	4.26E-06	7.83E-07	1.78E-03	3.82E-04	3.87E-03	8.14E-04	3.84E-03	8.07E-04	3.67E-03	7.58E-04	4.49E-03	9.86E-04	4.49E-03	9.86E-04	6.81E-03	1.41E-03	3.87E-03	8.14E-04	5.90E-05	1.09E-05	3.67E-03	7.60E-04	4.04E-05	7.43E-06	3.68E-03	7.62E-04	2.26E-01	5.14E-02	4.30E-01	6.42E-02
1115 Gridded	3.86E-03	6.90E-04	4.03E-06	7.52E-07	1.85E-03	3.49E-04	4.05E-03	7.40E-04	4.02E-03	7.33E-04	3.85E-03	6.87E-04	4.65E-03	9.05E-04	4.65E-03	9.05E-04	7.16E-03	1.28E-03	4.05E-03	7.40E-04	5.58E-05	1.04E-05	3.86E-03	6.88E-04	3.82E-05	7.14E-06	3.87E-03	6.90E-04	2.59E-01	5.54E-02	4.45E-01	8.66E-02
1116 Gridded	3.76E-03	5.82E-04	4.47E-06	6.84E-07	1.85E-03	2.98E-04	3.93E-03	6.28E-04	3.91E-03	6.22E-04	3.75E-03	5.79E-04	4.86E-03	7.78E-04	4.86E-03	7.78E-04	6.97E-03	1.08E-03	3.93E-03	6.28E-04	6.19E-05	9.49E-06	3.76E-03	5.81E-04	4.24E-05	6.49E-06	3.76E-03	5.82E-04	3.06E-01	6.75E-02	5.07E-01	1.02E-01
1117 Gridded	3.56E-03	5.47E-04	4.40E-06	7.11E-07	1.83E-03	2.74E-04	3.85E-03	5.84E-04	3.81E-03	5.79E-04	3.55E-03	5.45E-04	4.81E-03	7.08E-04	4.81E-03	7.08E-04	6.60E-03	1.01E-03	3.85E-03	5.84E-04	6.10E-05	9.86E-06	3.55E-03	5.46E-04	4.18E-05	6.74E-06	3.56E-03	5.47E-04	3.25E-01	7.44E-02	5.54E-01	1.05E-01
1118 Gridded	4.04E-03	6.42E-04	4.86E-06	8.81E-07	2.08E-03	3.37E-04	4.37E-03	7.01E-04	4.32E-03	6.93E-04	4.02E-03	6.39E-04	5.44E-03	8.94E-04	5.44E-03	8.94E-04	7.48E-03	1.19E-03	4.37E-03	7.01E-04	6.74E-05	1.22E-05	4.03E-03	6.41E-04	4.61E-05	8.36E-06	4.05E-03	6.43E-04	4.34E-01	7.20E-02	7.08E-01	8.90E-02
1119 Gridded	6.23E-03	1.06E-03	6.22E-06	1.31E-06	2.91E-03	5.48E-04	6.45E-03	1.15E-03	6.42E-03	1.14E-03	6.21E-03	1.06E-03	7.19E-03	1.44E-03	7.19E-03	1.44E-03	1.15E-02	1.97E-03	6.45E-03	1.15E-03	8.63E-05	1.82E-05	6.22E-03	1.06E-03	5.90E-05	1.25E-05	6.23E-03	1.06E-03	5.25E-01	7.21E-02	8.57E-01	7.14E-02
1120 Gridded	1.05E-02	1.59E-03	8.23E-06	1.68E-06	5.07E-03	7.98E-04	1.10E-02	1.70E-03	1.10E-02	1.68E-03	1.05E-02	1.58E-03	1.28E-02	2.07E-03	1.28E-02	2.07E-03	1.95E-02	2.94E-03	1.10E-02	1.70E-03	1.14E-04	2.33E-05	1.05E-02	1.58E-03	7.81E-05	1.60E-05	1.05E-02	1.59E-03	6.11E-01	7.09E-02	8.40E-01	8.41E-02
1121 Gridded	8.68E-03	1.13E-03	8.98E-06	1.10E-06	4.35E-03	5.61E-04	9.28E-03	1.20E-03	9.20E-03	1.19E-03	8.64E-03	1.12E-03	1.13E-02	1.44E-03	1.13E-02	1.44E-03	1.61E-02	2.09E-03	9.28E-03	1.20E-03	1.25E-04	1.53E-05	8.66E-03	1.13E-03	8.52E-05	1.04E-05	8.68E-03	1.13E-03	4.74E-01	5.26E-02	5.95E-01	6.27E-02
1122 Gridded	6.47E-03	9.21E-04	8.89E-06	9.54E-07	3.40E-03	4.53E-04	7.07E-03	9.77E-04	6.98E-03	9.69E-04	6.43E-03	9.18E-04	9.01E-03	1.16E-03	9.01E-03	1.16E-03	1.20E-02	1.71E-03	7.07E-03	9.77E-04	1.23E-04	1.32E-05	6.45E-03	9.20E-04	8.44E-05	9.05E-06	6.47E-03	9.22E-04	3.96E-01	4.71E-02	4.84E-01	5.50E-02
1123 Gridded	6.67E-03	8.88E-04	6.77E-06	1.20E-06	3.34E-03	4.46E-04	7.13E-03	9.50E-04	7.06E-03	9.42E-04	6.65E-03	8.85E-04	8.61E-03	1.15E-03	8.61E-03	1.15E-03	1.24E-02	1.64E-03	7.13E-03	9.50E-04	9.40E-05	1.67E-05	6.66E-03	8.87E-04	6.43E-05	1.14E-05	6.68E-03	8.89E-04	3.52E-01	5.69E-02	7.04E-01	1.10E-01
1124 Gridded	5.85E-03	7.43E-04	6.15E-06	1.08E-06	2.88E-03	3.70E-04	6.21E-03	7.86E-04	6.16E-03	7.78E-04	5.83E-03	7.41E-04	7.37E-03	9.63E-04	7.37E-03	9.63E-04	1.08E-02	1.38E-03	6.21E-03	7.86E-04	8.53E-05	1.50E-05	5.85E-03	7.42E-04	5.83E-05	1.03E-05	5.86E-03	7.44E-04	3.74E-01	5.33E-02	7.51E-01	1.13E-01

Scenario 4 Results

1125 Gridded	6.24E-03	8.45E-04	6.77E-06	1.09E-06	3.09E-03	4.08E-04	6.63E-03	8.89E-04	6.58E-03	8.83E-04	6.22E-03	8.43E-04	7.92E-03	1.03E-03	7.92E-03	1.03E-03	1.16E-02	1.57E-03	6.63E-03	8.89E-04	9.39E-05	1.51E-05	6.23E-03	8.44E-04	6.43E-05	1.03E-05	6.24E-03	8.46E-04	4.08E-01	5.16E-02	8.05E-01	1.15E-01
1126 Gridded	5.39E-03	7.93E-04	6.21E-06	8.91E-07	2.69E-03	3.86E-04	5.76E-03	8.37E-04	5.71E-03	8.31E-04	5.37E-03	7.91E-04	6.94E-03	9.80E-04	6.94E-03	9.80E-04	9.99E-03	1.47E-03	5.76E-03	8.37E-04	8.62E-05	1.24E-05	5.38E-03	7.92E-04	5.90E-05	8.46E-06	5.40E-03	7.94E-04	3.98E-01	5.01E-02	8.00E-01	1.15E-01
1127 Gridded	3.68E-03	6.18E-04	4.53E-06	6.05E-07	1.83E-03	3.05E-04	3.88E-03	6.56E-04	3.84E-03	6.51E-04	3.67E-03	6.15E-04	4.76E-03	7.81E-04	4.76E-03	7.81E-04	6.82E-03	1.14E-03	3.88E-03	6.56E-04	6.29E-05	8.39E-06	3.67E-03	6.17E-04	4.30E-05	5.74E-06	3.68E-03	6.18E-04	3.31E-01	4.67E-02	6.77E-01	1.01E-01
1128 Gridded	4.57E-03	5.49E-04	3.65E-06	5.47E-07	2.13E-03	2.72E-04	4.74E-03	5.84E-04	4.71E-03	5.79E-04	4.56E-03	5.47E-04	5.27E-03	7.00E-04	5.27E-03	7.00E-04	8.47E-03	1.02E-03	4.74E-03	5.84E-04	5.06E-05	7.58E-06	4.57E-03	5.48E-04	3.46E-05	5.19E-06	4.57E-03	5.49E-04	2.91E-01	4.49E-02	5.97E-01	9.02E-02
1129 Gridded	5.53E-03	6.09E-04	3.81E-06	5.93E-07	2.60E-03	3.03E-04	5.75E-03	6.49E-04	5.72E-03	6.43E-04	5.51E-03	6.07E-04	6.46E-03	7.79E-04	6.46E-03	7.79E-04	1.02E-02	1.13E-03	5.75E-03	6.49E-04	5.28E-05	8.23E-06	5.52E-03	6.08E-04	3.61E-05	5.63E-06	5.53E-03	6.10E-04	2.74E-01	4.34E-02	5.96E-01	7.98E-02
1130 Gridded	6.43E-03	6.53E-04	4.33E-06	6.49E-07	3.06E-03	3.26E-04	6.72E-03	6.97E-04	6.68E-03	6.91E-04	6.41E-03	6.50E-04	7.67E-03	8.39E-04	7.67E-03	8.39E-04	1.19E-02	1.21E-03	6.72E-03	6.97E-04	6.01E-05	9.00E-06	6.42E-03	6.52E-04	4.11E-05	6.16E-06	6.43E-03	6.53E-04	2.56E-01	4.36E-02	5.36E-01	6.75E-02
1131 Gridded	7.27E-03	6.56E-04	5.25E-06	6.80E-07	3.49E-03	3.29E-04	7.63E-03	7.02E-04	7.58E-03	6.95E-04	7.25E-03	6.53E-04	8.78E-03	8.51E-04	8.78E-03	8.51E-04	1.35E-02	1.22E-03	7.63E-03	7.02E-04	7.28E-05	9.43E-06	7.26E-03	6.55E-04	4.98E-05	6.45E-06	7.28E-03	6.56E-04	2.40E-01	4.50E-02	4.58E-01	6.35E-02
1132 Gridded	7.73E-03	6.26E-04	5.65E-06	6.73E-07	3.71E-03	3.06E-04	8.11E-03	6.61E-04	8.06E-03	6.56E-04	7.71E-03	6.24E-04	9.35E-03	7.96E-04	9.35E-03	7.96E-04	1.43E-02	1.16E-03	8.11E-03	6.61E-04	7.83E-05	9.33E-06	7.72E-03	6.25E-04	5.36E-05	6.38E-06	7.73E-03	6.27E-04	2.41E-01	4.66E-02	3.93E-01	6.07E-02
1133 Gridded	7.71E-03	6.69E-04	5.76E-06	6.85E-07	3.71E-03	3.28E-04	8.10E-03	7.08E-04	8.05E-03	7.02E-04	7.69E-03	6.66E-04	9.36E-03	8.36E-04	9.36E-03	8.36E-04	1.43E-02	1.24E-03	8.10E-03	7.08E-04	7.98E-05	9.50E-06	7.70E-03	6.68E-04	5.46E-05	6.50E-06	7.72E-03	6.69E-04	2.43E-01	5.20E-02	4.51E-01	6.99E-02
1134 Gridded	7.35E-03	7.78E-04	6.86E-06	7.93E-07	3.57E-03	3.89E-04	7.75E-03	8.31E-04	7.70E-03	8.24E-04	7.32E-03	7.75E-04	9.08E-03	1.00E-03	9.08E-03	1.00E-03	1.36E-02	1.44E-03	7.75E-03	8.31E-04	9.51E-05	1.10E-05	7.34E-03	7.76E-04	6.51E-05	7.52E-06	7.35E-03	7.78E-04	2.98E-01	6.14E-02	7.85E-01	8.37E-02
1135 Gridded	6.29E-03	8.91E-04	7.37E-06	9.16E-07	3.13E-03	4.46E-04	6.70E-03	9.53E-04	6.64E-03	9.44E-04	6.26E-03	8.87E-04	8.05E-03	1.15E-03	8.05E-03	1.15E-03	1.16E-02	1.65E-03	6.70E-03	9.53E-04	1.02E-04	1.27E-05	6.28E-03	8.89E-04	6.99E-05	8.69E-06	6.29E-03	8.91E-04	3.00E-01	6.36E-02	7.15E-01	9.00E-02
1136 Gridded	5.18E-03	9.86E-04	6.73E-06	1.05E-06	2.70E-03	4.96E-04	5.63E-03	1.06E-03	5.57E-03	1.05E-03	5.15E-03	9.82E-04	7.11E-03	1.29E-03	7.11E-03	1.29E-03	9.59E-03	1.83E-03	5.63E-03	1.06E-03	9.34E-05	1.45E-05	5.17E-03	9.84E-04	6.39E-05	9.93E-06	5.18E-03	9.87E-04	3.02E-01	7.52E-02	5.45E-01	9.47E-02
1137 Gridded	4.27E-03	1.07E-03	5.39E-06	1.12E-06	2.15E-03	5.36E-04	4.58E-03	1.14E-03	4.54E-03	1.13E-03	4.25E-03	1.06E-03	5.59E-03	1.39E-03	5.59E-03	1.39E-03	7.90E-03	1.97E-03	4.58E-03	1.14E-03	7.47E-05	1.56E-05	4.26E-03	1.06E-03	5.11E-05	1.07E-05	4.27E-03	1.07E-03	3.18E-01	9.47E-02	9.35E-01	1.05E-01
1138 Gridded	4.58E-03	1.13E-03	5.92E-06	1.15E-06	2.31E-03	5.65E-04	4.91E-03	1.21E-03	4.86E-03	1.20E-03	4.56E-03	1.12E-03	6.00E-03	1.46E-03	6.00E-03	1.46E-03	8.48E-03	2.09E-03	4.91E-03	1.21E-03	8.21E-05	1.60E-05	4.57E-03	1.13E-03	5.62E-05	1.09E-05	4.58E-03	1.13E-03	4.55E-01	1.08E-01	1.21E+00	1.50E-01
1139 Gridded	4.85E-03	1.08E-03	1.76E-05	1.08E-06	2.46E-03	5.39E-04	5.21E-03	1.15E-03	5.16E-03	1.14E-03	4.83E-03	1.08E-03	6.39E-03	1.39E-03	6.39E-03	1.39E-03	8.98E-03	2.00E-03	5.21E-03	1.15E-03	2.44E-04	1.50E-05	4.84E-03	1.08E-03	1.67E-04	1.02E-05	4.85E-03	1.08E-03	4.31E-01	9.92E-02	1.20E+00	1.84E-01
1140 Gridded	4.98E-03	1.01E-03	1.08E-05	1.16E-06	2.52E-03	5.14E-04	5.35E-03	1.09E-03	5.30E-03	1.08E-03	4.96E-03	1.00E-03	6.55E-03	1.34E-03	6.55E-03	1.34E-03	9.22E-03	1.87E-03	5.35E-03	1.09E-03	1.50E-04	1.61E-05	4.97E-03	1.01E-03	1.03E-04	1.10E-05	4.98E-03	1.01E-03	3.22E-01	7.09E-02	8.02E-01	1.61E-01
1141 Gridded	6.26E-03	1.22E-03	6.53E-06	1.38E-06	3.11E-03	6.22E-04	6.67E-03	1.32E-03	6.61E-03	1.30E-03	6.24E-03	1.22E-03	7.99E-03	1.62E-03	7.99E-03	1.62E-03	1.16E-02	2.27E-03	6.67E-03	1.32E-03	9.05E-05	1.92E-05	6.25E-03	1.22E-03	6.19E-05	1.31E-05	6.26E-03	1.23E-03	3.49E-01	9.98E-02	7.42E-01	1.43E-01
1142 Gridded	5.55E-03	1.36E-03	5.48E-06	1.54E-06	2.75E-03	6.90E-04	5.91E-03	1.46E-03	5.85E-03	1.45E-03	5.53E-03	1.35E-03	7.07E-03	1.80E-03	7.07E-03	1.80E-03	1.03E-02	2.51E-03	5.91E-03	1.46E-03	7.60E-05	2.13E-05	5.54E-03	1.35E-03	5.20E-05	1.46E-05	5.55E-03	1.36E-03	4.35E-01	1.34E-01	8.80E-01	1.98E-01
1143 Gridded	1.06E-02	1.20E-03	7.04E-06	1.44E-06	4.55E-03	6.17E-04	1.06E-02	1.30E-03	1.06E-02	1.29E-03	1.06E-02	1.20E-03	1.06E-02	1.61E-03	1.06E-02	1.61E-03	1.97E-02	2.22E-03	1.06E-02	1.30E-03	9.76E-05	2.00E-05	1.06E-02	1.20E-03	6.68E-05	1.37E-05	1.06E-02	1.20E-03	5.13E-01	1.05E-01	8.64E-01	2.04E-01
1144 Gridded	1.43E-02	1.34E-03	1.23E-05	1.07E-06	6.12E-03	6.13E-04	1.43E-02	1.38E-03	1.43E-02	1.37E-03	1.43E-02	1.34E-03	1.43E-02	1.49E-03	1.43E-02	1.49E-03	2.65E-02	2.49E-03	1.43E-02	1.38E-03	1.71E-04	1.48E-05	1.43E-02	1.34E-03	1.17E-04	1.01E-05	1.43E-02	1.34E-03	9.17E-01	9.34E-02	1.90E+00	1.71E-01
1145 Gridded	2.02E-02	1.43E-03	2.38E-05	1.65E-06	1.03E-02	7.30E-04	2.18E-02	1.54E-03	2.16E-02	1.53E-03	2.01E-02	1.43E-03	2.70E-02	1.90E-03	2.70E-02	1.90E-03	3.74E-02	2.65E-03	2.18E-02	1.54E-03	3.30E-04	2.29E-05	2.01E-02	1.43E-03	2.26E-04	1.56E-05	2.02E-02	1.43E-03	8.57E-01	1.31E-01	1.40E+00	2.06E-01
1146 Gridded	8.19E-03	8.12E-04	1.03E-05	1.82E-06	4.05E-03	4.74E-04	8.71E-03	9.30E-04	8.63E-03	9.13E-04	8.16E-03	8.09E-04	1.04E-02	1.33E-03	1.04E-02	1.33E-03	1.52E-02	1.50E-03	8.71E-03	9.30E-04	1.43E-04	2.52E-05	8.18E-03	8.11E-04	9.79E-05	1.72E-05	8.19E-03	8.12E-04	8.22E-01	1.34E-01	1.67E+00	2.69E-01
1147 Gridded	9.46E-03	1.09E-03	1.36E-05	1.38E-06	5.01E-03	5.38E-04	1.04E-02	1.16E-03	1.03E-02	1.15E-03	9.41E-03	1.08E-03	1.34E-02	1.38E-03	1.34E-02	1.38E-03	1.75E-02	2.02E-03	1.04E-02	1.16E-03	1.88E-04	1.92E-05	9.44E-03	1.09E-03	1.29E-04	1.31E-05	9.47E-03	1.09E-03	1.12E+00	9.59E-02	2.05E+00	1.45E-01
1148 Gridded	1.83E-02	1.20E-03	1.58E-05	1.35E-06	8.94E-03	6.09E-04	1.93E-02	1.29E-03	1.92E-02	1.28E-03	1.82E-02	1.19E-03	2.28E-02	1.59E-03	2.28E-02	1.59E-03	3.38E-02	2.22E-03	1.93E-02	1.29E-03	2.19E-04	1.87E-05	1.82E-02	1.20E-03	1.50E-04	1.28E-05	1.83E-02	1.20E-03	9.26E-01	1.21E-01	1.70E+00	1.84E-01
1149 Gridded	1.02E-02	8.39E-04	9.62E-06	1.09E-06	5.03E-03	4.20E-04	1.08E-02	8.96E-04	1.07E-02	8.88E-04	1.02E-02	8.36E-04	1.29E-02	1.08E-03	1.29E-02	1.08E-03	1.89E-02	1.55E-03	1.08E-02	8.96E-04	1.33E-04	1.51E-05	1.02E-02	8.38E-04	9.13E-05	1.03E-05	1.02E-02	8.40E-04	7.76E-01	1.09E-01	1.29E+00	1.67E-01
1150 Gridded	1.47E-02	1.20E-03	1.53E-05	1.65E-06	7.24E-03	6.32E-04	1.56E-02	1.32E-03	1.55E-02	1.30E-03	1.46E-02	1.20E-03	1.85E-02	1.68E-03	1.85E-02	1.68E-03	2.72E-02	2.23E-03	1.56E-02	1.32E-03	2.12E-04	2.28E-05	1.47E-02	1.20E-03	1.45E-04	1.56E-05	1.47E-02	1.21E-03	7.69E-01	1.19E-01	1.24E+00	1.67E-01
1151 Gridded	1.11E-02	1.17E-03	1.25E-05	1.47E-06	5.64E-03	5.63E-04	1.19E-02	1.23E-03	1.18E-02	1.22E-03	1.11E-02	1.17E-03	1.47E-02	1.42E-03	1.47E-02	1.42E-03	2.06E-02	2.17E-03	1.19E-02	1.23E-03	1.73E-04	2.04E-05	1.11E-02	1.17E-03	1.19E-04	1.40E-05	1.11E-02	1.17E-03	7.52E-01	9.99E-02	1.31E+00	1.56E-01
1152 Gridded	8.62E-03	2.25E-03	1.09E-05	2.20E-06	4.30E-03	1.12E-03	9.20E-03	2.40E-03	9.12E-03	2.38E-03	8.59E-03	2.24E-03	1.11E-02	2.88E-03	1.11E-02	2.88E-03	1.60E-02	4.17E-03	9.20E-03	2.40E-03	1.51E-04	3.06E-05	8.61E-03	2.25E-03	1.03E-04	2.09E-05	8.63E-03	2.25E-03	5.54E-01	1.51E-01	8.57E-01	1.87E-01
1153 Gridded	1.07E-02	2.30E-03	1.14E-05	2.51E-06	5.32E-03	1.16E-03	1.14E-02	2.47E-03	1.13E-02	2.45E-03	1.07E-02	2.29E-03	1.37E-02	3.02E-03	1.37E-02	3.02E-03	1.99E-02	4.26E-03	1.14E-02	2.47E-03	1.58E-04	3.49E-05	1.07E-02	2.30E-03	1.08E-04	2.39E-05	1.08E-02	2.30E-03	6.48E-01	1.62E-01	8.67E-01	1.67E-01
1154 Gridded	1.05E-02	1.98E-03	1.56E-05	2.18E-06	5.62E-03	9.56E-04	1.16E-02	2.08E-03	1.14E-02	2.07E-03	1.05E-02	1.97E-03	1.50E-02	2.42E-03	1.50E-02	2.42E-03	1.95E-02	3.67E-03	1.16E-02	2.08E-03	2.16E-04	3.03E-05	1.05E-02	1.98E-03	1.48E-04	2.07E-05	1.06E-02	1.98E-03	5.84E-01	1.51E-01	9.03E-01	2.18E-01
1155 Gridded	1.12E-02	2.56E-03	1.40E-05	2.54E-06	5.79E-03	1.25E-03	1.21E-02	2.70E-03	1.20E-02	2.68E-03	1.11E-02	2.55E-03	1.52E-02	3.17E-03	1.52E-02	3.17E-03	2.07E-02	4.74E-03	1.21E-02	2.70E-03	1.94E-04	3.53E-05	1.12E-02	2.55E-03	1.33E-04	2.41E-05	1.12E-02	2.56E-03	7.01E-01	1.66E-01	7.93E-01	2.14E-01
1156 Gridded	7.91E-03	2.16E-03	9.01E-06	1.70E-06	4.02E-03	1.03E-03	8.51E-03	2.26E-03	8.43E-03	2.25E-03	7.87E-03	2.16E-03	1.05E-02	2.58E-03	1.05E-02	2.58E-03	1.46E-02	4.01E-03	8.51E-03	2.26E-03	1.25E-04	2.36E-05	7.89E-03	2.16E-03	8.55E-05	1.62E-05	7.91E-03	2.16E-03	6.43E-01	1.35E-01	7.49E-01	1.51E-01
1157 Gridded	5.76E-03	1.66E-03	6.62E-06	1.73E-06	2.81E-03	8.32E-04	6.09E-03	1.77E-03	6.04E-03	1.76E-03	5.74E-03	1.65E-03	7.16E-03	2.15E-03	7.16E-03	2.15E-03	1.07E-02	3.07E-03	6.09E-03	1.77E-03	9.19E-05	2.41E-05	5.75E-03	1.66E-03	6.29E-05	1.65E-05	5.76E-03	1.66E-03	4.56E-01	1.23E-01	6.92E-01	1.56E-01
1158 Gridded	5.72E-03	1.52E-03	5.71E-06	1.30E-06	2.86E-03	7.39E-04	6.11E-03	1.61E-03	6.05E-03	1.59E-03	5.70E-03	1.52E-03	7.36E-03	1.88E-03	7.36E-03	1.88E-03	1.06E-02	2.82E-03	6.11E-03	1.61E-03	7.92E-05	1.80E-05	5.71E-03	1.52E-03	5.42E-05	1.23E-05	5.73E-03	1.52E-03	4.97E-01	1.38E-01	6.33E-01	1.85E-01
1159 Gridded	7.08E-03	1.54E-03	4.96E-06	1.44E-06	3.27E-03	7.61E-04	7.31E-03	1.64E-03	7.27E-03	1.62E-03	7.07E-03	1.53E-03	8.02E-03	1.95E-03	8.02E-03	1.95E-03	1.31E-02	2.85E-03	7.31E-03	1.64E-03	6.87E-05	2.00E-05	7.08E-03	1.54E-03	4.70E-05	1.37E-05	7.09E-03	1.54E-03	4.37E-01	1.48E-01	7.04E-01	1.87E-01
1160 Gridded	8.04E-03	1.70E-03	6.42E-06	1.56E-06	3.74E-03	8.40E-04	8.32E-03	1.81E-03	8.28E-03	1.79E-03	8.02E-03	1.70E-03	9.25E-03	2.15E-03	9.25E-03	2.15E-03	1.49E-02	3.15E-03	8.32E-03	1.81E-03	8.91E-05	2.17E-05	8.03E-03	1.70E-03	6.09E-05	1.48E-05	8.04E-03	1.70E-03	4.72E-01	1.40E-01	6.07E-01	1.65E-01
1161 Gridded	7.62E-03	1.63E-03	5.63E-06	1.50E-06	3.63E-03	8.03E-04	7.97E-03	1.73E-03	7.92E-03	1.71E-03	7.60E-03	1.62E-03	9.10E-03	2.06E-03	9.10E-03	2.06E-03	1.41E-02	3.01E-03	7.97E-03	1.73E-03	7.81E-05	2.08E-05	7.61E-03	1.62E-03	5.34E-05	1.43E-05	7.63E-03	1.63E-03	4.23E-01	1.07E-01	7.73E-01	1.18E-01
1162 Gridded	5.83E-03	1.01E-03	5.82E-06	1.08E-06	2.91E-03	5.08E-04	6.22E-03	1.08E-03	6.17E-03	1.07E-03	5.81E-03	1.00E-03	7.49E-03	1.32E-03	7.49E-03	1.32E-03	1.08E-02	1.87E-03	6.22E-03	1.08E-03	8.07E-05	1.50E-05	5.82E-03	1.01E-03	5.52E-05	1.03E-05	5.83E-03	1.01E-03	3.36E-01	6.06E-02	6.05E-01	9.19E-02
1163 Gridded	4.27E-03	6.78E-04	5.88E-06	8.23E-07	2.13E-03	3.49E-04	4.49E-03	7.34E-04	4.46E-03	7.26E-04	4.26E-03	6.75E-04	5.69E-03	9.14E-04	5.69E-03	9.14E-04	7.92E-03	1.26E-03	4.49E-03	7.34E-04	8.15E-05	1.14E-05	4.27E-03	6.77E-04	5.57E-05	7.81E-06	4.28E-03	6.79E-04	2.57E-01	5.77E-02	4.21E-01	8.09E-02
1164 Gridded	3.95E-03	5.72E-04	5.21E-06	6.22E-07	1.89E-03	2.86E-04	4.14E-03	6.11E-04	4.11E-03	6.06E-04	3.94E-03	5.70E-04	4.76E-03	7.38E-04	4.76E-03	7.38E-04	7.31E-03	1.06E-03	4.14E-03	6.11E-04	7.23E-05	8.63E-06	3.94E-03	5.71E-04	4.94E-05	5.91E-06	3.95E-03	5.72E-04	2.23E-01	5.24E-02	3.38E-01	6.48E-02
1165 Gridded	3.57E-03	5.50E-04	4.17E-06	5.82E-07	1.70E-03	2.74E-04	3.73E-03	5.87E-04	3.71E-03	5.82E-04	3.56E-03	5.48E-04	4.26E-03	7.06E-04	4.26E-03	7.06E-04	6.61E-03	1.02E-03	3.73E-03	5.87E-04	5.78E-05	8.08E-06	3.56E-03	5.49E-04	3.96E-05	5.53E-06	3.57E-03	5.50E-04	2.35E-01	4.98E-02	3.13E-01	5.45E-02
1166 Gridded	3.09E-03	5.20E-04	3.37E-06	5.76E-07	1.47E-03	2.61E-04	3.23E-03	5.54E-04	3.21E-03	5.50E-04	3.09E-03	5.19E-04	3.67E-03	6.80E-04	3.67E-03	6.80E-04	5.74E-03	9.64E-04	3.23E-03	5.54E-04	4.67E-05	7.99E-06	3.09E-03	5.20E-04	3.20E-05	5.47E-06	3.09E-03	5.21E-04	2.32E-01	4.72E-02	3.85E-01	4.64E-02
1167 Gridded	3.05E-03	4.82E-04	3.55E-06	5.12E-07	1.50E-03	2.40E-04	3.22E-03	5.13E-04	3.19E-03	5.08E-04	3.05E-03	4.80E-04	3.86E-03	6.23E-04	3.86E-03	6.23E-04	5.66E-03	8.93E-04	3.22E-03	5.13E-04	4.92E-05	7.11E-06	3.05E-03	4.81E-04	3.37E-05	4.86E-06	3.05E-03	4.82E-04	3.24E-01	4.10E-02	5.98E-01	4.50E-02
1168 Gridded	3.38E-03	4.43E-04	4.27E-06	4.56E-07	1.64E-03	2.19E-04	3.52E-03	4.71E-04	3.50E-03	4.67E-04	3.37E-03	4.41E-04	4.28E-03	5.61E-04	4.28E-03	5.61E-04	6.27E-03	8.21E-04	3.52E-03	4.71E-04	5.92E-05	6.32E-06	3.38E-03	4.42E-04	4.05E-05	4.32E-06	3.38E-03	4.43E-04	4.60E-01	4.44E-02	7.72E-01	6.37E-02
1169 Gridded	8.35E-03	5.23E-04	6.36E-06	7.19E-07	4.03E-03	2.59E-04	8.78E-03	5.56E-04	8.72E-03	5.51E-04	8.33E-03	5.21E-04	1.02E-02	6.63E-04	1.02E-02	6.63E-04	1.55E-02	9.69E-04	8.78E-03	5.56E-04	8.82E-05	9.97E-06	8.34E-03	5.22E-04	6.04E-05	6.82E-06	8.35E-03	5.23E-04	6.27E-01	5.41E-02	9.69E-01	6.45E-02
1170 Gridded	1.31E-02	7.87E-04	1.24E-05	1.24E-06	6.50E-03	4.25E-04	1.39E-02	8.70E-04	1.38E-02	8.59E-04	1.31E-02	7.82E-04	1.67E-02	1.14E-03	1.67E-02	1.14E-03	2.43E-02	1.46E-03	1.39E-02	8.70E-04	1.73E-04	1.72E-05	1.31E-02	7.85E-04	1.18E-04	1.18E-05	1.31E-02	7.88E-04	7.11E-01	5.83E-02	8.74E-01	6.82E-02
1171 Gridded	1.07E-02	9.75E-04	1.31E-05	1.30E-06	5.51E-03	5.10E-04	1.16E-02	1.06E-03	1.15E-02	1.05E-03	1.07E-02	9.71E-04	1.45E-02	1.35E-03	1.45E-02	1.35E-03	1.98E-02	1.81E-03	1.16E-02	1.06E-03	1.81E-04	1.80E-05	1.07E-02	9.73E-04	1.24E-04	1.23E-05	1.07E-02	9.76E-04	5.30E-01	5.88E-02	5.76E-01	6.92E-02
1172 Gridded	6.59E-03	8.35E-04	9.53E-06	9.80E-07	3.38E-03	4.27E-04	7.13E-03	9.01E-04	7.05E-03	8.92E-04	6.56E-03	8.31E-04	8.85E-03	1.12E-03	8.85E-03	1.12E-03	1.22E-02	1.55E-03	7.13E-03	9.01E-04	1.32E-04	1.36E-05	6.58E-03	8.33E-04	9.04E-05	9.30E-06	6.60E-03	8.36E-04	3.18E-01	5.03E-02	5.25E-01	5.90E-02
1173 Gridded	5.75E-03	6.83E-04	7.72E-06	7.18E-07	3.00E-03	3.43E-04	6.26E-03	7.31E-04	6.18E-03	7.25E-04	5.73E-03	6.80E-04	7.95E-03	8.89E-04	7.95E-03	8.89E-04	1.07E-02	1.27E-03	6.26E-03	7.31E-04	1.07E-04	9.95E-06	5.75E-03	6.82E-04	7.33E-05	6.81E-06	5.76E-03	6.84E-04	2.42E-01	4.36E-02	4.72E-01	5.08E-02
1174 Gridded	6.16E-03	6.39E-04	6.12E-06	6.76E-07	3.07E-03	3.10E-04	6.56E-03	6.74E-04	6.51E-03	6.69E-04	6.13E-03	6.38E-04	7.89E-03	7.84E-04	7.89E-03	7.84E-04	1.14E-02	1.19E-03	6.56E-03	6.74E-04	8.49E-05	9.37E-06	6.15E-03	6.39E-04	5.81E-05	6.41E-06	6.16E-03	6.40E-04	3.75E-01	8.47E-02	9.49E-01	1.91E-01
1175 Gridded	5.66E-03	6.31E-04	5.78E-06	6.50E-07	2.83E-03	3.07E-04	6.05E-03	6.66E-04	6.00E-03	6.61E-04	5.64E-03	6.29E-04	7.32E-03	7.80E-04	7.32E-03	7.80E-04	1.05E-02	1.17E-03	6.05E-03	6.66E-04	8.01E-05	9.02E-06	5.65E-03	6.30E-04	5.48E-05	6.17E-06	5.67E-03	6.31E-04	3.83E-01	8.61E-02	9.68E-01	1.92E-01
1176 Gridded	5.34E-03	6.55E-04	5.63E-06	6.79E-07	2.69E-03	3.20E-04	5.72E-03	6.93E-04	5.67E-03	6.87E-04	5.32E-03	6.52E-04	6.95E-03	8.16E-04	6.95E-03	8.16E-04	9.89E-03	1.21E-03	5.72E-03	6.93E-04	7.81E-05	9.41E-06	5.33E-03	6.54E-04	5.34E-05	6.44E-06	5.35E-03	6.55E-04	3.97E-01	8.86E-02	1.00E+00	1.96E-01
1177 Gridded	4.75E-03	6.50E-04	5.22E-06	6.96E-07	2.40E-03	3.20E-04	5.10E-03	6.90E-04	5.05E-03	6.85E-04	4.73E-03	6.48E-04	6.24E-03	8.19E-04	6.24E-03	8.19E-04	8.80E-03	1.21E-03	5.10E-03	6.90E-04	7.24E-05	9.65E-06	4.74E-03	6.50E-04	4.95E-05	6.60E-06	4.75E-03	6.51E-04	4.04E-01	8.87E-02	1.01E+00	1.94E-01
1178 Gridded	3.83E-03	5.42E-04	4.16E-06	6.24E-07	1.90E-03	2.70E-04	4.08E-03	5.78E-04	4.04E-03	5.73E-04	3.82E-03	5.40E-04	4.87E-03	6.96E-04	4.87E-03	6.96E-04	7.10E-03	1.00E-03	4.08E-03	5.78E-04	5.77E-05	8.66E-06	3.83E-03	5.41E-04	3.95E-05	5.92E-06	3.83E-03	5.42E-04	3.78E-01	8.05E-02	9.25E-01	1.76E-01
1179 Gridded	3.58E-03	5.13E-04	3.69E-06	6.24E-07	1.80E-03	2.58E-04	3.83E-03	5.49E-04	3.80E-03	5.44E-04	3.57E-03	5.11E-04	4.64E-03	6.66E-04	4.64E-03	6.66E-04	6.64E-03	9.51E-04	3.83E-03	5.49E-04	5.11E-05	8.65E-06	3.58E-03	5.13E-04	3.50E-05	5.92E-06	3.59E-03	5.14E-04	3.69E-01	7.66E-02	8.69E-01	1.67E-01
1180 Gridded	3.88E-03	4.95E-04	3.70E-06	6.20E-07	1.84E-03	2.49E-04	4.05E-03	5.30E-04	4.03E-03	5.25E-04	3.87E-03	4.93E-04	4.60E-03	6.45E-04	4.60E-03	6.45E-04	7.20E-03	9.17E-04	4.05E-03	5.30E-04	5.13E-05	8.60E-06	3.88E-03	4.94E-04	3.51E-05	5.89E-06	3.88E-03	4.95E-04	3.69E-01	7.21E-02	7.98E-01	1.55E-01
1181 Gridded	4.41E-03	4.51E-04	3.67E-06	5.59E-07	2.12E-03	2.28E-04	4.63E-03	4.85E-04	4.60E-03	4.80E-04	4.40E-03	4.49E-04	5.36E-03	5.93E-04	5.36E-03	5.93E-04	8.17E-03	8.36E-04	4.63E-03	4.85E-04	5.09E-05	7.75E-06	4.40E-03	4.51E-04	3.48E-05	5.30E-06	4.41E-03	4.52E-04	3.81E-01	6.34E-02	7.56E-01	1.34E-01
1182 Gridded	4.42E-03	4.02E-04	3.82E-06	4.33E-07	2.16E-03	2.02E-04	4.68E-03	4.30E-04	4.64E-03	4.26E-04	4.41E-03	4.00E-04	5.52E-03	5.22E-04	5.52E-03	5.22E-04	8.19E-03	7.44E-04	4.68E-03	4.30E-04	5.30E-05	6.01E-06	4.41E-03	4.01E-04	3.63E-05	4.11E-06	4.42E-03	4.02E-04	3.41E-01	5.09E-02	6.54E-01	1.22E-01
1183 Gridded	3.98E-03	4.02E-04	3.94E-06	4.53E-07	1.98E-03	2.04E-04	4.25E-03	4.33E-04	4.21E-03	4.28E-04	3.97E-03	4.00E-04	5.11E-03	5.32E-04	5.11E-03	5.32E-04	7.37E-03	7.45E-04	4.25E-03	4.33E-04	5.47E-05	6.28E-06	3.97E-03	4.01E-04	3.74E-05	4.30E-06	3.98E-03	4.02E-04	3.02E-01	4.49E-02	6.01E-01	1.16E-01
1184 Gridded	3.18E-03	4.31E-04	3.82E-06	5.10E-07	1.63E-03	2.21E-04	3.44E-03	4.65E-04	3.40E-03	4.60E-04	3.16E-03	4.29E-04	4.27E-03	5.77E-04	4.27E-03	5.77E-04	5.89E-03	7.97E-04	3.44E-03	4.65E-04	5.30E-05	7.07E-06	3.17E-03	4.30E-04	3.63E-05	4.83E-06	3.18E-03	4.31E-04	3.27E-01	4.79E-02	6.63E-01	1.22E-01
1185 Gridded	2.82E-03	4.52E-04	3.46E-06	5.55E-07	1.43E-03	2.33E-04	3.03E-03	4.89E-04	3.00E-03	4.84E-04	2.81E-03	4.50E-04	3.72E-03	6.11E-04	3.72E-03	6.11E-04	5.22E-03	8.36E-04	3.03E-03	4.89E-04	4.80E-05	7.69E-06	2.81E-03	4.51E-04	3.28E-05	5.26E-06	2.82E-03	4.52E-04	3.21E-01	4.99E-02	6.54E-01	1.14E-01
1186 Gridded	3.19E-03	5.27E-04	3.60E-06	6.37E-07	1.61E-03	2.71E-04	3.42E-03	5.70E-04	3.39E-03	5.64E-04	3.18E-03	5.24E-04	4.20E-03	7.09E-04	4.20E-03	7.09E-04	5.91E-03	9.75E-04	3.42E-03	5.70E-04	5.00E-05	8.84E-06	3.19E-03	5.26E-04	3.42E-05	6.05E-06	3.19E-03	5.27E-04	3.60E-01	5.26E-02	9.07E-01	1.02E-01
1187 Gridded	3.82E-03	6.93E-04	4.21E-06	8.42E-07	1.94E-03	3.56E-04	4.11E-03	7.50E-04	4.07E-03	7.42E-04	3.81E-03	6.90E-04	5.03E-03	9.34E-04	5.03E-03	9.34E-04	7.08E-03	1.28E-03	4.11E-03	7.50E-04	5.84E-05	1.17E-05	3.82E-03	6.92E-04	4.00E-05	7.99E-06	3.83E-03	6.94E-04	4.66E-01	6.07E-02	1.17E+00	1.00E-01
1188 Gridded	4.15E-03	8.78E-04	4.75E-06	1.03E-06	2.12E-03	4.49E-04	4.47E-03	9.47E-04	4.43E-03	9.38E-04	4.14E-03	8.74E-04	5.51E-03	1.17E-03	5.51E-03	1.17E-03	7.69E-03	1.63E-03	4.47E-03	9.47E-04	6.59E-05	1.43E-05	4.15E-03	8.76E-04	4.51E-05	9.79E-06	4.16E-03	8.78E-04	6.23E-01	6.80E-02	1.35E+00	9.27E-02
1189 Gridded	4.93E-03	1.09E-03	5.31E-06	1.27E-06	2.47E-03	5.59E-04	5.28E-03	1.18E-03	5.23E-03	1.17E-03	4.91E-03	1.09E-03	6.39E-03	1.46E-03	6.39E-03	1.46E-03	9.14E-03	2.03E-03	5.28E-03	1.18E-03	7.36E-05	1.77E-05	4.93E-03	1.09E-03	5.04E-05	1.21E-05	4.94E-03	1.10E-03	7.44E-01	7.46E-02	1.65E+00	1.05E-01
1190 Gridded	5.97E-03	1.30E-03	6.39E-06	1.49E-06	3.01E-03	6.63E-04	6.40E-03	1.40E-03	6.34E-03	1.39E-03	5.95E-03	1.29E-03	7.80E-03	1.73E-03	7.80E-03	1.73E-03	1.11E-02	2.41E-03	6.40E-03	1.40E-03	8.86E-05	2.07E-05	5.96E-03	1.30E-03	6.06E-05	1.42E-05	5.97E-03	1.30E-03	6.70E-01	1.08E-01	1.78E+00	1.24E-01
1191 Gridded	7.11E-03	1.28E-03	1.08E-05	1.52E-06	3.58E-03	6.54E-04	7.63E-03	1.38E-03	7.55E-03	1.36E-03	7.09E-03	1.27E-03	9.29E-03	1.71E-03	9.29E-03	1.71E-03	1.32E-02	2.36E-03	7.63E-03	1.38E-03	1.49E-04	2.10E-05	7.10E-03	1.27E-03	1.02E-04	1.44E-05	7.12E-03	1.28E-03	8.55E-01	1.44E-01	1.95E+00	1.55E-01
1192 Gridded	8.14E-03	1.08E-03	1.19E-05	1.34E-06	4.09E-03	5.54E-04	8.71E-03	1.17E-03	8.63E-03	1.15E-03	8.11E-03	1.08E-03	1.06E-02	1.45E-03	1.06E-02	1.45E-03	1.51E-02	2.00E-03	8.71E-03	1.17E-03	1.65E-04	1.86E-05	8.13E-03	1.08E-03	1.13E-04	1.27E-05	8.15E-03	1.08E-03	4.23E-01	1.39E-01	1.13E+00	2.51E-01
1193 Gridded	8.53E-03	1.36E-03	9.86E-06	1.65E-06	4.26E-03	6.94E-04	9.11E-03	1.47E-03	9.02E-03	1.45E-03	8.50E-03	1.36E-03	1.10E-02	1.81E-03	1.10E-02	1.81E-03	1.58E-02	2.52E-03	9.11E-03	1.47E-03	1.37E-04	2.28E-05	8.52E-03	1.36E-03	9.35E-05	1.56E-05	8.54E-03	1.36E-03	4.21E-01	1.03E-01	1.26E+00	2.53E-01
1194 Gridded	7.63E-03	1.57E-03	7.29E-06	2.03E-06	3.79E-03	8.17E-04	8.12E-03	1.71E-03	8.05E-03	1.69E-03	7.60E-03	1.57E-03	9.72E-03	2.15E-03	9.72E-03	2.15E-03	1.41E-02	2.91E-03	8.12E-03	1.71E-03	1.01E-04	2.81E-05	7.62E-03	1.57E-03	6.92E-05	1.92E-05	7.64E-03	1.58E-03	4.59E-01	1.38E-01	1.28E+00	1.75E-01
1195 Gridded	6.03E-03	1.54E-03	6.97E-06	1.91E-06	2.95E-03	7.95E-04	6.20E-03	1.67E-03	6.13E-03	1.65E-03	6.03E-03	1.53E-03	7.73E-03	2.09E-03	7.73E-03	2.09E-03	1.12E-02	2.85E-03	6.20E-03	1.67E-03	9.67E-05	2.65E-05	6.03E-03	1.54E-03	6.62E-05	1.81E-05	6.03E-03	1.54E-03	5.24E-01	1.63E-01	1.34E+00	2.46E-01
1196 Gridded	6.68E-03	1.56E-03	7.12E-06	2.14E-06	2.95E-03	8.19E-04	6.68E-03	1.70E-03	6.68E-03	1.68E-03	6.68E-03	1.55E-03	7.61E-03	2.17E-03	7.61E-03	2.17E-03	1.24E-02	2.88E-03	6.68E-03	1.70E-03	9.87E-05	2.97E-05	6.68E-03	1.56E-03	6.75E-05	2.03E-05	6.68E-03	1.56E-03	1.35E+00	1.23E-01	1.29E+00	1.84E-01
1197 Gridded	1.64E-02	1.58E-03	1.48E-05	2.03E-06	7.21E-03	8.22E-04	1.66E-02	1.72E-03	1.66E-02	1.70E-03	1.64E-02	1.58E-03	1.71E-02	2.17E-03	1.71E-02	2.17E-03	3.05E-02	2.93E-03	1.66E-02	1.72E-03	2.05E-04	2.81E-05	1.64E-02	1.58E-03	1.40E-04	1.92E-05	1.64E-02	1.59E-03	8.67E-01	1.66E-01	2.97E+00	2.55E-01
1198 Gridded	1.23E-02	9.74E-04	1.59E-05	1.36E-06	6.04E-03	5.04E-04	1.30E-02	1.06E-03	1.29E-02	1.05E-03	1.23E-02	9.69E-04	1.54E-02	1.32E-03	1.54E-02	1.32E-03	2.28E-02	1.80E-03	1.30E-02	1.06E-03	2.20E-04	1.89E-05	1.23E-02	9.72E-04	1.51E-04	1.29E-05	1.23E-02	9.75E-04	1.24E+00	1.38E-01	1.93E+00	2.27E-01
1199 Gridded	2.45E-02	1.46E-03	2.08E-05	2.01E-06	1.20E-02	7.66E-04	2.59E-02	1.59E-03	2.57E-02	1.57E-03	2.45E-02	1.45E-03	3.05E-02	2.03E-03	3.05E-02	2.03E-03	4.55E-02	2.70E-03	2.59E-02	1.59E-03	2.88E-04	2.78E-05	2.45E-02	1.45E-03	1.97E-04	1.91E-05	2.46E-02	1.46E-03	1.29E+00	1.42E-01	2.94E+00	2.25E-01
1200 Gridded	1.42E-02	9.03E-04	1.47E-05	1.19E-06	7.11E-03	4.60E-04	1.52E-02	9.72E-04	1.50E-02	9.62E-04	1.41E-02	8.99E-04	1.84E-02	1.20E-03	1.84E-02	1.20E-03	2.62E-02	1.67E-03	1.52E-02	9.72E-04	2.04E-04	1.65E-05	1.41E-02	9.01E-04	1.40E-04	1.13E-05	1.42E-02	9.04E-04	1.05E+00	1.05E-01	1.81E+00	1.61E-01
1201 Gridded	1.69E-02	1.76E-03	1.51E-05	1.41E-06	8.28E-03	8.52E-04	1.79E-02	1.85E-03	1.78E-02	1.84E-03	1.69E-02	1.75E-03	2.11E-02	2.16E-03	2.11E-02	2.16E-03	3.14E-02	3.26E-03	1.79E-02	1.85E-03	2.10E-04	1.95E-05	1.69E-02	1.75E-03	1.44E-04	1.34E-05	1.69E-02	1.76E-03	8.32E-01	1.06E-01	1.33E+00	1.51E-01
1202 Gridded	1.03E-02	2.68E-03	1.39E-05	2.36E-06	5.07E-03	1.31E-03	1.09E-02	2.84E-03	1.08E-02	2.82E-03	1.02E-02	2.67E-03	1.31E-02	3.35E-03	1.31E-02	3.35E-03	1.90E-02	4.96E-03	1.09E-02	2.84E-03	1.93E-04	3.27E-05	1.03E-02	2.68E-03	1.32E-04	2.24E-05	1.03E-02	2.68E-03	6.33E-01	1.91E-01	1.16E+00	2.57E-01
1203 Gridded	1.40E-02	3.40E-03	1.69E-05	3.21E-06	7.17E-03	1.68E-03	1.51E-02	3.61E-03	1.49E-02	3.58E-03	1.39E-02	3.38E-03	1.88E-02	4.32E-03	1.88E-02	4.32E-03	2.58E-02	6.29E-03	1.51E-02	3.61E-03	2.34E-04	4.46E-05	1.39E-02	3.39E-03	1.60E-04	3.05E-05	1.40E-02	3.40E-03	9.52E-01	2.19E-01	1.47E+00	3.41E-01
1204 Gridded	1.47E-02	3.68E-03	2.09E-05	3.53E-06	7.79E-03	1.80E-03	1.61E-02	3.90E-03	1.59E-02	3.87E-03	1.46E-02	3.67E-03	2.07E-02	4.60E-03	2.07E-02	4.60E-03	2.73E-02	6.82E-03	1.61E-02	3.90E-03	2.89E-04	4.89E-05	1.47E-02	3.68E-03	1.98E-04	3.35E-05	1.47E-02	3.68E-03	8.83E-01	2.37E-01	1.14E+00	3.01E-01
1205 Gridded	1.34E-02	2.77E-03	1.58E-05	2.33E-06	6.86E-03	1.32E-03	1.45E-02	2.90E-03	1.43E-02	2.88E-03	1.33E-02	2.76E-03	1.79E-02	3.33E-03	1.79E-02	3.33E-03	2.48E-02	5.13E-03	1.45E-02	2.90E-03	2.19E-04	3.24E-05	1.34E-02	2.76E-03	1.50E-04	2.21E-05	1.34E-02	2.77E-03	8.89E-01	1.71E-01	1.00E+00	1.99E-01
1206 Gridded	8.06E-03	1.83E-03	8.50E-06	1.70E-06	4.05E-03	8.98E-04	8.63E-03	1.93E-03	8.55E-03	1.91E-03	8.03E-03	1.82E-03	1.05E-02	2.30E-03	1.05E-02	2.30E-03	1.49E-02	3.39E-03	8.63E-03	1.93E-03	1.18E-04	2.35E-05	8.05E-03	1.82E-03	8.07E-05	1.61E-05	8.07E-03	1.83E-03	6.35E-01	1.59E-01	8.02E-01	2.32E-01
1207 Gridded	7.21E-03	1.48E-03	6.93E-06	1.54E-06	3.58E-03	7.41E-04	7.68E-03	1.58E-03	7.61E-03	1.56E-03	7.18E-03	1.47E-03	9.19E-03	1.92E-03	9.19E-03	1.92E-03	1.34E-02	2.73E-03	7.68E-03	1.58E-03	9.61E-05	2.13E-05	7.20E-03	1.47E-03	6.57E-05	1.46E-05	7.21E-03	1.48E-03	3.73E-01	1.49E-01	7.06E-01	1.96E-01
1208 Gridded	7.61E-03	1.44E-03	6.69E-06	1.54E-06	3.57E-03	7.28E-04	7.90E-03	1.55E-03	7.86E-03	1.53E-03	7.59E-03	1.44E-03	8.85E-03	1.89E-03	8.85E-03	1.89E-03	1.41E-02	2.68E-03	7.90E-03	1.55E-03	9.28E-05	2.13E-05	7.60E-03	1.44E-03	6.35E-05	1.46E-05	7.61E-03	1.45E-03	3.84E-01	1.24E-01	8.30E-01	1.45E-01
1209 Gridded	8.34E-03	1.44E-03	6.56E-06	1.55E-06	3.96E-03	7.26E-04	8.71E-03	1.54E-03	8.66E-03	1.53E-03	8.32E-03	1.43E-03	9.90E-03	1.88E-03	9.90E-03	1.88E-03	1.55E-02	2.67E-03	8.71E-03	1.54E-03	9.10E-05	2.14E-05	8.33E-03	1.44E-03	6.23E-05	1.47E-05	8.35E-03	1.44E-03	4.68E-01	9.41E-02	9.21E-01	1.09E-01
1210 Gridded	7.64E-03	1.11E-03	6.49E-06	1.27E-06	3.73E-03	5.67E-04	8.08E-03	1.20E-03	8.02E-03	1.19E-03	7.62E-03	1.11E-03	9.50E-03	1.48E-03	9.50E-03	1.48E-03	1.42E-02	2.06E-03	8.08E-03	1.20E-03	9.00E-05	1.76E-05	7.63E-03	1.11E-03	6.16E-05	1.20E-05	7.65E-03	1.11E-03	4.39E-01	9.12E-02	7.44E-01	1.34E-01
1211 Gridded	5.92E-03	9.47E-04	7.10E-06	9.52E-07	3.04E-03	4.73E-04	6.40E-03	1.01E-03	6.33E-03	1.00E-03	5.90E-03	9.43E-04	7.96E-03	1.22E-03	7.96E-03	1.22E-03	1.10E-02	1.75E-03	6.40E-03	1.01E-03	9.84E-05	1.32E-05	5.91E-03	9.46E-04	6.73E-05	9.04E-06	5.93E-03	9.48E-04	3.98E-01	8.60E-02	7.49E-01	1.01E-01
1212 Gridded	4.08E-03	8.77E-04	7.11E-06	8.44E-07	2.25E-03	4.35E-04	4.56E-03	9.34E-04	4.49E-03	9.26E-04	4.05E-03	8.74E-04	6.11E-03	1.12E-03	6.11E-03	1.12E-03	7.54E-03	1.62E-03	4.56E-03	9.34E-04	9.86E-05	1.17E-05	4.07E-03	8.76E-04	6.75E-05	8.01E-06	4.08E-03	8.77E-04	3.51E-01	6.58E-02	5.17E-01	6.03E-02
1213 Gridded	3.73E-03	7.80E-04	6.56E-06	7.30E-07	1.89E-03	3.86E-04	4.01E-03	8.29E-04	3.97E-03	8.22E-04	3.72E-03	7.77E-04	4.92E-03	9.89E-04	4.92E-03	9.89E-04	6.91E-03	1.45E-03	4.01E-03	8.29E-04	9.10E-05	1.01E-05	3.73E-03	7.79E-04	6.23E-05	6.93E-06	3.74E-03	7.80E-04	2.56E-01	4.87E-02	5.09E-01	5.34E-02
1214 Gridded	3.86E-03	6.70E-04	5.26E-06	6.06E-07	1.95E-03	3.30E-04	4.15E-03	7.11E-04	4.11E-03	7.05E-04	3.85E-03	6.67E-04	5.08E-03	8.43E-04	5.08E-03	8.43E-04	7.15E-03	1.24E-03	4.15E-03	7.11E-04	7.29E-05	8.40E-06	3.85E-03	6.69E-04	4.99E-05	5.75E-06	3.86E-03	6.70E-04	2.54E-01	3.82E-02	4.54E-01	4.80E-02
1215 Gridded	3.63E-03	5.55E-04	4.22E-06	4.91E-07	1.86E-03	2.72E-04	3.92E-03	5.88E-04	3.88E-03	5.83E-04	3.62E-03	5.53E-04	4.84E-03	6.95E-04	4.84E-03	6.95E-04	6.73E-03	1.03E-03	3.92E-03	5.88E-04	5.86E-05	6.81E-06	3.63E-03	5.54E-04	4.01E-05	4.66E-06	3.64E-03	5.55E-04	2.33E-01	3.68E-02	4.29E-01	4.40E-02
1216 Gridded	3.18E-03	4.85E-04	4.11E-06	4.80E-07	1.60E-03	2.42E-04	3.41E-03	5.17E-04	3.38E-03	5.13E-04	3.16E-03	4.83E-04	4.23E-03	6.23E-04	4.23E-03	6.23E-04	5.88E-03	8.99E-04	3.41E-03	5.17E-04	5.70E-05	6.66E-06	3.17E-03	4.84E-04	3.90E-05	4.56E-06	3.18E-03	4.85E-04	3.00E-01	3.82E-02	4.94E-01	4.47E-02
1217 Gridded	3.23E-03	5.38E-04	3.98E-06	5.05E-07	1.62E-03	2.66E-04	3.45E-03	5.72E-04	3.42E-03	5.67E-04	3.22E-03	5.36E-04	4.18E-03	6.83E-04	4.18E-03	6.83E-04	5.98E-03	9.97E-04	3.45E-03	5.72E-04	5.52E-05	7.01E-06	3.22E-03	5.37E-04	3.78E-05	4.79E-06	3.23E-03	5.38E-04	4.00E-01	4.33E-02	6.05E-01	5.12E-02
1218 Gridded	5.60E-03	5.72E-04	4.65E-06	5.88E-07	2.73E-03	2.81E-04	5.91E-03	6.07E-04	5.87E-03	6.02E-04	5.58E-03	5.70E-04	6.93E-03	7.19E-04	6.93E-03	7.19E-04	1.04E-02	1.06E-03	5.91E-03	6.07E-04	6.44E-05	8.15E-06	5.59E-03	5.71E-04	4.41E-05	5.58E-06	5.60E-03	5.72E-04	5.04E-01	4.67E-02	7.66E-01	5.73E-02
1219 Gridded	1.01E-02	6.66E-04	9.20E-06	7.21E-07	4.96E-03	3.33E-04	1.07E-02	7.11E-04	1.06E-02	7.05E-04	1.00E-02	6.64E-04	1.27E-02	8.57E-04	1.27E-02	8.57E-04	1.87E-02	1.23E-03	1.07E-02	7.11E-04	1.28E-04	1.00E-05	1.01E-02	6.65E-04	8.73E-05	6.84E-06	1.01E-02	6.67E-04	7.09E-01	5.65E-02	1.06E+00	7.54E-02

Scenario 4 Results

1220	Gridded	1.02E-02	7.09E-04	1.08E-05	8.00E-07	5.15E-03	3.58E-04	1.10E-02	7.60E-04	1.09E-02	7.53E-04	1.02E-02	7.06E-04	1.33E-02	9.27E-04	1.33E-02	9.27E-04	1.90E-02	1.31E-03	1.10E-02	7.60E-04	1.50E-04	1.11E-05	1.02E-02	7.08E-04	1.03E-04	7.59E-06	1.03E-02	7.10E-04	6.50E-01	5.86E-02	8.25E-01	7.12E-02
1221	Gridded	1.06E-02	1.03E-03	1.14E-05	9.30E-07	5.33E-03	5.08E-04	1.13E-02	1.10E-03	1.12E-02	1.09E-03	1.05E-02	1.03E-03	1.38E-02	1.30E-03	1.38E-02	1.30E-03	1.96E-02	1.91E-03	1.13E-02	1.10E-03	1.58E-04	1.29E-05	1.06E-02	1.03E-03	1.08E-04	8.82E-06	1.06E-02	1.03E-03	5.06E-01	6.36E-02	6.27E-01	7.49E-02
1222	Gridded	7.56E-03	7.98E-04	7.35E-06	6.06E-07	3.71E-03	3.85E-04	8.01E-03	8.39E-04	7.94E-03	8.33E-04	7.53E-03	7.96E-04	9.47E-03	9.71E-04	9.47E-03	9.71E-04	1.40E-02	1.48E-03	8.01E-03	8.39E-04	1.02E-04	8.40E-06	7.55E-03	7.97E-04	6.97E-05	5.75E-06	7.56E-03	7.98E-04	2.89E-01	5.02E-02	4.36E-01	6.05E-02
1223	Gridded	4.59E-03	6.16E-04	5.93E-06	4.85E-07	2.39E-03	2.98E-04	4.99E-03	6.49E-04	4.94E-03	6.44E-04	4.57E-03	6.14E-04	6.29E-03	7.55E-04	6.29E-03	7.55E-04	8.50E-03	1.14E-03	4.99E-03	6.49E-04	8.22E-05	6.73E-06	4.58E-03	6.15E-04	5.63E-05	4.60E-06	4.60E-03	6.16E-04	2.48E-01	3.80E-02	3.60E-01	4.59E-02
1224	Gridded	6.07E-03	5.76E-04	6.15E-06	4.54E-07	2.86E-03	2.79E-04	6.32E-03	6.06E-04	6.28E-03	6.02E-04	6.06E-03	5.74E-04	7.13E-03	7.06E-04	7.13E-03	7.06E-04	1.13E-02	1.07E-03	6.32E-03	6.06E-04	8.53E-05	6.29E-06	6.07E-03	5.75E-04	5.84E-05	4.31E-06	6.07E-03	5.76E-04	3.07E-01	3.54E-02	4.98E-01	4.33E-02
1225	Gridded	3.72E-03	7.00E-04	4.39E-06	8.43E-07	1.89E-03	3.57E-04	3.98E-03	7.55E-04	3.94E-03	7.47E-04	3.71E-03	6.97E-04	4.94E-03	9.32E-04	4.94E-03	9.32E-04	6.89E-03	1.30E-03	3.98E-03	7.55E-04	6.09E-05	1.17E-05	3.71E-03	6.99E-04	4.16E-05	8.00E-06	3.72E-03	7.01E-04	3.09E-01	7.42E-02	7.44E-01	1.17E-01
1226	Gridded	4.11E-03	7.34E-04	4.60E-06	8.84E-07	2.02E-03	3.74E-04	4.36E-03	7.91E-04	4.32E-03	7.83E-04	4.09E-03	7.30E-04	5.17E-03	9.76E-04	5.17E-03	9.76E-04	7.61E-03	1.36E-03	4.36E-03	7.91E-04	6.38E-05	1.23E-05	4.10E-03	7.32E-04	4.36E-05	8.39E-06	4.11E-03	7.34E-04	3.36E-01	7.94E-02	7.99E-01	1.25E-01
1227	Gridded	3.99E-03	6.64E-04	4.32E-06	8.35E-07	1.97E-03	3.41E-04	4.24E-03	7.18E-04	4.21E-03	7.10E-04	3.98E-03	6.61E-04	5.06E-03	8.92E-04	5.06E-03	8.92E-04	7.39E-03	1.23E-03	4.24E-03	7.18E-04	6.00E-05	1.16E-05	3.98E-03	6.63E-04	4.10E-05	7.92E-06	3.99E-03	6.65E-04	3.50E-01	8.17E-02	7.98E-01	1.27E-01
1228	Gridded	4.30E-03	6.80E-04	4.61E-06	8.63E-07	2.13E-03	3.50E-04	4.58E-03	7.36E-04	4.54E-03	7.28E-04	4.29E-03	6.77E-04	5.48E-03	9.15E-04	5.48E-03	9.15E-04	7.97E-03	1.26E-03	4.58E-03	7.36E-04	6.39E-05	1.20E-05	4.30E-03	6.79E-04	4.37E-05	8.19E-06	4.31E-03	6.81E-04	3.85E-01	8.80E-02	8.54E-01	1.37E-01
1229	Gridded	4.16E-03	5.95E-04	4.26E-06	7.99E-07	2.07E-03	3.08E-04	4.43E-03	6.46E-04	4.40E-03	6.39E-04	4.15E-03	5.92E-04	5.32E-03	8.11E-04	5.32E-03	8.11E-04	7.71E-03	1.10E-03	4.43E-03	6.46E-04	5.91E-05	1.11E-05	4.16E-03	5.94E-04	4.04E-05	7.58E-06	4.17E-03	5.96E-04	4.02E-01	9.06E-02	8.48E-01	1.40E-01
1230	Gridded	4.92E-03	6.31E-04	4.75E-06	8.52E-07	2.45E-03	3.27E-04	5.24E-03	6.85E-04	5.20E-03	6.77E-04	4.90E-03	6.28E-04	6.28E-03	8.60E-04	6.28E-03	8.60E-04	9.12E-03	1.17E-03	5.24E-03	6.85E-04	6.59E-05	1.18E-05	4.92E-03	6.30E-04	4.51E-05	8.08E-06	4.93E-03	6.31E-04	4.61E-01	1.02E-01	9.44E-01	1.60E-01
1231	Gridded	4.47E-03	6.12E-04	4.57E-06	7.51E-07	2.24E-03	3.02E-04	4.77E-03	6.50E-04	4.73E-03	6.44E-04	4.45E-03	6.10E-04	5.77E-03	7.72E-04	5.77E-03	7.72E-04	8.27E-03	1.13E-03	4.77E-03	6.50E-04	6.34E-05	1.04E-05	4.46E-03	6.11E-04	4.34E-05	7.13E-06	4.47E-03	6.12E-04	4.90E-01	1.04E-01	9.09E-01	1.63E-01
1232	Gridded	3.38E-03	5.58E-04	3.85E-06	6.06E-07	1.72E-03	2.77E-04	3.64E-03	5.94E-04	3.60E-03	5.89E-04	3.36E-03	5.56E-04	4.48E-03	7.11E-04	4.48E-03	7.11E-04	6.25E-03	1.03E-03	3.64E-03	5.94E-04	5.34E-05	8.40E-06	3.37E-03	5.57E-04	3.65E-05	5.75E-06	3.38E-03	5.58E-04	4.87E-01	9.71E-02	8.06E-01	1.51E-01
1233	Gridded	2.66E-03	5.11E-04	3.14E-06	5.12E-07	1.33E-03	2.55E-04	2.84E-03	5.46E-04	2.82E-03	5.41E-04	2.65E-03	5.09E-04	3.45E-03	6.58E-04	3.45E-03	6.58E-04	4.92E-03	9.47E-04	2.84E-03	5.46E-04	4.35E-05	7.10E-06	2.65E-03	5.11E-04	2.98E-05	4.86E-06	2.66E-03	5.12E-04	4.60E-01	8.79E-02	8.16E-01	1.36E-01
1234	Gridded	2.76E-03	4.55E-04	3.02E-06	4.79E-07	1.40E-03	2.29E-04	2.97E-03	4.87E-04	2.94E-03	4.83E-04	2.75E-03	4.53E-04	3.63E-03	5.92E-04	3.63E-03	5.92E-04	5.11E-03	8.42E-04	2.97E-03	4.87E-04	4.19E-05	6.64E-06	2.76E-03	4.54E-04	2.86E-05	4.55E-06	2.76E-03	4.55E-04	3.87E-01	7.19E-02	7.60E-01	1.10E-01
1235	Gridded	2.94E-03	4.58E-04	3.27E-06	4.96E-07	1.49E-03	2.31E-04	3.17E-03	4.91E-04	3.13E-03	4.86E-04	2.93E-03	4.56E-04	3.88E-03	6.00E-04	3.88E-03	6.00E-04	5.45E-03	8.48E-04	3.17E-03	4.91E-04	4.53E-05	6.87E-06	2.94E-03	4.57E-04	3.10E-05	4.70E-06	2.95E-03	4.58E-04	3.56E-01	6.70E-02	7.21E-01	1.04E-01
1236	Gridded	3.10E-03	4.56E-04	3.50E-06	5.09E-07	1.58E-03	2.32E-04	3.34E-03	4.91E-04	3.31E-03	4.86E-04	3.09E-03	4.55E-04	4.11E-03	6.02E-04	4.11E-03	6.02E-04	5.75E-03	8.45E-04	3.34E-03	4.91E-04	4.86E-05	7.05E-06	3.10E-03	4.56E-04	3.32E-05	4.83E-06	3.11E-03	4.57E-04	3.06E-01	6.08E-02	6.44E-01	9.56E-02
1237	Gridded	3.29E-03	4.75E-04	3.79E-06	5.42E-07	1.68E-03	2.42E-04	3.54E-03	5.12E-04	3.51E-03	5.07E-04	3.27E-03	4.73E-04	4.37E-03	6.30E-04	4.37E-03	6.30E-04	6.09E-03	8.80E-04	3.54E-03	5.12E-04	5.25E-05	7.52E-06	3.28E-03	4.74E-04	3.60E-05	5.15E-06	3.29E-03	4.76E-04	2.99E-01	6.17E-02	6.76E-01	9.98E-02
1238	Gridded	3.49E-03	5.07E-04	4.13E-06	5.94E-07	1.79E-03	2.59E-04	3.77E-03	5.45E-04	3.73E-03	5.40E-04	3.48E-03	5.05E-04	4.67E-03	6.76E-04	4.67E-03	6.76E-04	6.47E-03	9.39E-04	3.77E-03	5.45E-04	5.72E-05	8.24E-06	3.49E-03	5.06E-04	3.91E-05	5.64E-06	3.50E-03	5.07E-04	3.34E-01	6.89E-02	7.90E-01	1.17E-01
1239	Gridded	3.81E-03	5.45E-04	4.33E-06	6.51E-07	1.93E-03	2.77E-04	4.09E-03	5.87E-04	4.05E-03	5.81E-04	3.79E-03	5.42E-04	5.04E-03	7.23E-04	5.04E-03	7.23E-04	7.05E-03	1.01E-03	4.09E-03	5.87E-04	6.00E-05	9.02E-06	3.80E-03	5.44E-04	4.10E-05	6.17E-06	3.81E-03	5.45E-04	3.29E-01	6.84E-02	8.67E-01	1.22E-01
1240	Gridded	4.44E-03	5.91E-04	4.96E-06	7.81E-07	2.25E-03	3.08E-04	4.78E-03	6.42E-04	4.73E-03	6.35E-04	4.42E-03	5.88E-04	5.86E-03	8.13E-04	5.86E-03	8.13E-04	8.22E-03	1.09E-03	4.78E-03	6.42E-04	6.88E-05	1.08E-05	4.43E-03	5.90E-04	4.71E-05	7.41E-06	4.44E-03	5.92E-04	3.57E-01	7.27E-02	1.08E+00	1.41E-01
1241	Gridded	4.83E-03	6.90E-04	5.66E-06	8.94E-07	2.47E-03	3.59E-04	5.22E-03	7.51E-04	5.16E-03	7.42E-04	4.81E-03	6.87E-04	6.46E-03	9.46E-04	6.46E-03	9.46E-04	8.95E-03	1.28E-03	5.22E-03	7.51E-04	7.85E-05	1.24E-05	4.83E-03	6.89E-04	5.37E-05	8.49E-06	4.84E-03	6.91E-04	5.20E-01	8.07E-02	1.11E+00	1.39E-01
1242	Gridded	5.56E-03	9.15E-04	6.90E-06	1.00E-06	2.87E-03	4.63E-04	6.03E-03	9.83E-04	5.96E-03	9.73E-04	5.53E-03	9.11E-04	7.54E-03	1.20E-03	7.54E-03	1.20E-03	1.03E-02	1.69E-03	6.03E-03	9.83E-04	9.57E-05	1.39E-05	5.55E-03	9.14E-04	6.55E-05	9.53E-06	5.57E-03	9.16E-04	1.29E+00	8.50E-02	2.35E+00	1.24E-01
1243	Gridded	7.09E-03	1.15E-03	8.02E-06	1.36E-06	3.54E-03	5.88E-04	7.57E-03	1.24E-03	7.50E-03	1.23E-03	7.06E-03	1.14E-03	9.12E-03	1.54E-03	9.12E-03	1.54E-03	1.31E-02	2.13E-03	7.57E-03	1.24E-03	1.11E-04	1.88E-05	7.08E-03	1.15E-03	7.61E-05	1.29E-05	7.09E-03	1.15E-03	1.14E+00	8.76E-02	3.17E+00	2.29E-01
1244	Gridded	9.74E-03	1.20E-03	9.89E-06	1.51E-06	4.87E-03	6.19E-04	1.04E-02	1.30E-03	1.03E-02	1.28E-03	9.71E-03	1.19E-03	1.26E-02	1.63E-03	1.26E-02	1.63E-03	1.80E-02	2.22E-03	1.04E-02	1.30E-03	1.37E-04	2.10E-05	9.73E-03	1.20E-03	9.38E-05	1.44E-05	9.75E-03	1.20E-03	7.99E-01	1.10E-01	3.22E+00	1.38E-01
1245	Gridded	1.10E-02	1.36E-03	1.10E-05	1.81E-06	5.49E-03	7.12E-04	1.17E-02	1.48E-03	1.16E-02	1.47E-03	1.10E-02	1.36E-03	1.42E-02	1.88E-03	1.42E-02	1.88E-03	2.04E-02	2.52E-03	1.17E-02	1.48E-03	1.53E-04	2.51E-05	1.10E-02	1.36E-03	1.05E-04	1.72E-05	1.10E-02	1.36E-03	5.27E-01	1.40E-01	1.37E+00	1.43E-01
1246	Gridded	9.33E-03	1.92E-03	1.03E-05	2.56E-06	4.62E-03	1.00E-03	9.92E-03	2.09E-03	9.84E-03	2.07E-03	9.30E-03	1.91E-03	1.18E-02	2.65E-03	1.18E-02	2.65E-03	1.73E-02	3.55E-03	9.92E-03	2.09E-03	1.43E-04	3.55E-05	9.32E-03	1.91E-03	9.81E-05	2.43E-05	9.34E-03	1.92E-03	5.89E-01	1.59E-01	1.53E+00	1.77E-01
1247	Gridded	6.18E-03	1.98E-03	7.78E-06	2.58E-06	3.18E-03	1.03E-03	6.69E-03	2.16E-03	6.62E-03	2.13E-03	6.15E-03	1.97E-03	8.35E-03	2.72E-03	8.35E-03	2.72E-03	1.14E-02	3.67E-03	6.69E-03	2.16E-03	1.08E-04	3.57E-05	6.17E-03	1.98E-03	7.38E-05	2.45E-05	6.18E-03	1.98E-03	6.92E-01	1.88E-01	2.27E+00	1.90E-01
1248	Gridded	8.43E-03	2.42E-03	1.14E-05	3.05E-06	4.25E-03	1.25E-03	8.79E-03	2.62E-03	8.69E-03	2.60E-03	8.41E-03	2.41E-03	1.13E-02	3.29E-03	1.13E-02	3.29E-03	1.56E-02	4.48E-03	8.79E-03	2.62E-03	1.58E-04	4.23E-05	8.42E-03	2.41E-03	1.08E-04	2.90E-05	8.43E-03	2.42E-03	8.33E-01	2.40E-01	3.07E+00	2.44E-01
1249	Gridded	1.43E-02	1.86E-03	2.09E-05	2.61E-06	7.51E-03	9.81E-04	1.56E-02	2.04E-03	1.54E-02	2.01E-03	1.42E-02	1.85E-03	1.99E-02	2.61E-03	1.99E-02	2.61E-03	2.64E-02	3.44E-03	1.56E-02	2.04E-03	2.91E-04	3.62E-05	1.42E-02	1.86E-03	1.99E-04	2.48E-05	1.43E-02	1.86E-03	9.79E-01	2.46E-01	1.89E+00	3.54E-01
1250	Gridded	1.95E-02	1.50E-03	1.65E-05	3.13E-06	9.53E-03	8.64E-04	2.06E-02	1.71E-03	2.05E-02	1.68E-03	1.95E-02	1.49E-03	2.42E-02	2.40E-03	2.42E-02	2.40E-03	3.62E-02	2.77E-03	2.06E-02	1.71E-03	2.28E-04	4.34E-05	1.95E-02	1.50E-03	1.56E-04	2.97E-05	1.95E-02	1.50E-03	1.24E+00	2.14E-01	1.92E+00	2.19E-01
1251	Gridded	2.02E-02	1.44E-03	1.87E-05	2.49E-06	9.96E-03	7.94E-04	2.14E-02	1.61E-03	2.12E-02	1.59E-03	2.01E-02	1.43E-03	2.55E-02	2.16E-03	2.55E-02	2.16E-03	3.74E-02	2.67E-03	2.14E-02	1.61E-03	2.60E-04	3.46E-05	2.01E-02	1.44E-03	1.78E-04	2.37E-05	2.02E-02	1.44E-03	1.61E+00	1.89E-01	4.82E+00	3.30E-01
1252	Gridded	1.35E-02	2.44E-03	1.83E-05	4.02E-06	6.68E-03	1.26E-03	1.43E-02	2.65E-03	1.42E-02	2.62E-03	1.34E-02	2.43E-03	1.71E-02	3.33E-03	1.71E-02	3.33E-03	2.50E-02	4.51E-03	1.43E-02	2.65E-03	2.53E-04	5.57E-05	1.35E-02	2.43E-03	1.73E-04	3.81E-05	1.35E-02	2.44E-03	8.66E-01	2.24E-01	2.12E+00	3.88E-01
1253	Gridded	2.51E-02	5.54E-03	3.00E-05	6.14E-06	1.29E-02	2.81E-03	2.71E-02	5.96E-03	2.68E-02	5.90E-03	2.50E-02	5.52E-03	3.37E-02	7.30E-03	3.37E-02	7.30E-03	4.65E-02	1.03E-02	2.71E-02	5.96E-03	4.16E-04	8.51E-05	2.51E-02	5.53E-03	2.84E-04	5.82E-05	2.51E-02	5.55E-03	1.55E+00	4.08E-01	2.09E+00	3.85E-01
1254	Gridded	2.17E-02	4.33E-03	2.76E-05	3.07E-06	1.12E-02	2.06E-03	2.35E-02	4.52E-03	2.33E-02	4.49E-03	2.16E-02	4.32E-03	2.96E-02	5.15E-03	2.96E-02	5.15E-03	4.01E-02	8.03E-03	2.35E-02	4.52E-03	3.83E-04	4.26E-05	2.16E-02	4.32E-03	2.62E-04	2.92E-05	2.17E-02	4.33E-03	1.41E+00	2.58E-01	1.69E+00	4.02E-01
1255	Gridded	1.37E-02	2.95E-03	1.38E-05	3.21E-06	6.83E-03	1.49E-03	1.46E-02	3.16E-03	1.45E-02	3.13E-03	1.36E-02	2.94E-03	1.76E-02	3.87E-03	1.76E-02	3.87E-03	2.53E-02	5.46E-03	1.46E-02	3.16E-03	1.91E-04	4.45E-05	1.37E-02	2.94E-03	1.31E-04	3.04E-05	1.37E-02	2.95E-03	9.11E-01	2.91E-01	1.37E+00	3.24E-01
1256	Gridded	1.11E-02	2.41E-03	1.06E-05	2.51E-06	5.33E-03	1.21E-03	1.17E-02	2.58E-03	1.16E-02	2.55E-03	1.11E-02	2.40E-03	1.34E-02	3.12E-03	1.34E-02	3.12E-03	2.07E-02	4.46E-03	1.17E-02	2.58E-03	1.46E-04	3.48E-05	1.11E-02	2.40E-03	1.00E-04	2.38E-05	1.12E-02	2.41E-03	7.28E-01	1.78E-01	1.28E+00	1.61E-01
1257	Gridded	9.97E-03	1.61E-03	1.04E-05	1.78E-06	5.01E-03	8.16E-04	1.07E-02	1.73E-03	1.06E-02	1.71E-03	9.94E-03	1.61E-03	1.30E-02	2.12E-03	1.30E-02	2.12E-03	1.85E-02	2.99E-03	1.07E-02	1.73E-03	1.45E-04	2.46E-05	9.96E-03	1.61E-03	9.89E-05	1.69E-05	9.98E-03	1.61E-03	5.30E-01	1.09E-01	1.37E+00	1.20E-01
1258	Gridded	9.34E-03	1.47E-03	8.84E-06	1.44E-06	4.63E-03	7.31E-04	9.94E-03	1.57E-03	9.85E-03	1.55E-03	9.31E-03	1.46E-03	1.19E-02	1.88E-03	1.19E-02	1.88E-03	1.73E-02	2.72E-03	9.94E-03	1.57E-03	1.23E-04	1.99E-05	9.33E-03	1.47E-03	8.39E-05	1.36E-05	9.35E-03	1.47E-03	5.51E-01	8.48E-02	1.26E+00	8.04E-02
1259	Gridded	7.86E-03	1.35E-03	7.07E-06	1.21E-06	3.87E-03	6.66E-04	8.34E-03	1.44E-03	8.27E-03	1.42E-03	7.84E-03	1.35E-03	9.87E-03	1.70E-03	9.87E-03	1.70E-03	1.46E-02	2.51E-03	8.34E-03	1.44E-03	9.81E-05	1.67E-05	7.85E-03	1.35E-03	6.71E-05	1.15E-05	7.87E-03	1.36E-03	5.59E-01	6.77E-02	1.01E+00	6.71E-02
1260	Gridded	6.18E-03	1.16E-03	7.41E-06	9.76E-07	3.02E-03	5.64E-04	6.53E-03	1.22E-03	6.48E-03	1.21E-03	6.16E-03	1.15E-03	7.69E-03	1.44E-03	7.69E-03	1.44E-03	1.15E-02	2.14E-03	6.53E-03	1.22E-03	1.03E-04	1.35E-05	6.17E-03	1.15E-03	7.03E-05	9.26E-06	6.18E-03	1.16E-03	4.48E-01	5.48E-02	6.74E-01	6.59E-02
1261	Gridded	5.47E-03	9.00E-04	6.91E-06	7.36E-07	2.76E-03	4.38E-04	5.87E-03	9.49E-04	5.81E-03	9.42E-04	5.45E-03	8.97E-04	7.15E-03	1.11E-03	7.15E-03	1.11E-03	1.01E-02	1.67E-03	5.87E-03	9.49E-04	9.59E-05	1.02E-05	5.46E-03	8.99E-04	6.56E-05	6.99E-06	5.48E-03	9.00E-04	3.85E-01	5.79E-02	6.68E-01	6.59E-02
1262	Gridded	5.31E-03	7.36E-04	5.88E-06	7.46E-07	2.67E-03	3.68E-04	5.69E-03	7.86E-04	5.63E-03	7.79E-04	5.29E-03	7.33E-04	6.90E-03	9.49E-04	6.90E-03	9.49E-04	9.84E-03	1.36E-03	5.69E-03	7.86E-04	8.15E-05	1.03E-05	5.30E-03	7.35E-04	5.58E-05	7.08E-06	5.32E-03	7.36E-04	4.41E-01	6.31E-02	9.13E-01	6.94E-02
1263	Gridded	4.99E-03	7.96E-04	5.79E-06	7.52E-07	2.49E-03	3.94E-04	5.32E-03	8.47E-04	5.27E-03	8.40E-04	4.98E-03	7.93E-04	6.44E-03	1.01E-03	6.44E-03	1.01E-03	9.25E-03	1.47E-03	5.32E-03	8.47E-04	8.03E-05	1.04E-05	4.99E-03	7.95E-04	5.50E-05	7.14E-06	4.99E-03	7.96E-04	6.06E-01	6.58E-02	9.75E-01	7.51E-02
1264	Gridded	4.57E-03	7.76E-04	5.82E-06	7.39E-07	2.35E-03	3.83E-04	4.92E-03	8.24E-04	4.86E-03	8.17E-04	4.55E-03	7.73E-04	6.19E-03	9.80E-04	6.19E-03	9.80E-04	8.47E-03	1.44E-03	4.92E-03	8.24E-04	8.07E-05	1.02E-05	4.56E-03	7.75E-04	5.52E-05	7.01E-06	4.57E-03	7.76E-04	6.11E-01	6.16E-02	7.58E-01	6.67E-02
1265	Gridded	4.89E-03	7.69E-04	6.58E-06	7.70E-07	2.48E-03	3.78E-04	5.26E-03	8.16E-04	5.20E-03	8.09E-04	4.87E-03	7.66E-04	6.43E-03	9.67E-04	6.43E-03	9.67E-04	9.06E-03	1.42E-03	5.26E-03	8.16E-04	9.12E-05	1.07E-05	4.89E-03	7.68E-04	6.24E-05	7.30E-06	4.90E-03	7.70E-04	5.54E-01	5.91E-02	5.39E-01	6.52E-02
1266	Gridded	4.53E-03	6.21E-04	4.44E-06	5.73E-07	2.24E-03	3.07E-04	4.82E-03	6.60E-04	4.78E-03	6.55E-04	4.51E-03	6.19E-04	5.76E-03	7.85E-04	5.76E-03	7.85E-04	8.39E-03	1.15E-03	4.82E-03	6.60E-04	6.15E-05	7.94E-06	4.52E-03	6.21E-04	4.21E-05	5.44E-06	4.53E-03	6.22E-04	3.08E-01	4.40E-02	4.28E-01	4.95E-02
1267	Gridded	4.61E-03	5.67E-04	4.39E-06	5.24E-07	2.29E-03	2.80E-04	4.91E-03	6.02E-04	4.87E-03	5.97E-04	4.60E-03	5.65E-04	5.87E-03	7.17E-04	5.87E-03	7.17E-04	8.55E-03	1.05E-03	4.91E-03	6.02E-04	6.09E-05	7.27E-06	4.61E-03	5.66E-04	4.17E-05	4.98E-06	4.62E-03	5.67E-04	3.46E-01	3.95E-02	4.97E-01	5.11E-02
1268	Gridded	6.71E-03	5.81E-04	6.83E-06	5.94E-07	3.36E-03	2.87E-04	7.17E-03	6.17E-04	7.11E-03	6.12E-04	6.69E-03	5.79E-04	8.67E-03	7.38E-04	8.67E-03	7.38E-04	1.24E-02	1.08E-03	7.17E-03	6.17E-04	9.47E-05	8.23E-06	6.70E-03	5.81E-04	6.48E-05	5.63E-06	6.72E-03	5.82E-04	4.85E-01	4.84E-02	6.87E-01	6.21E-02
1269	Gridded	8.25E-03	6.48E-04	9.02E-06	7.02E-07	4.17E-03	3.28E-04	8.85E-03	6.96E-04	8.77E-03	6.89E-04	8.21E-03	6.46E-04	1.08E-02	8.50E-04	1.08E-02	8.50E-04	1.53E-02	1.20E-03	8.85E-03	6.96E-04	1.25E-04	9.73E-06	8.23E-03	6.47E-04	8.56E-05	6.66E-06	8.25E-03	6.49E-04	5.84E-01	5.61E-02	8.49E-01	7.20E-02
1270	Gridded	5.93E-03	6.14E-04	7.40E-06	6.48E-07	3.06E-03	3.02E-04	6.43E-03	6.51E-04	6.36E-03	6.46E-04	5.90E-03	6.12E-04	8.05E-03	7.70E-04	8.05E-03	7.70E-04	1.10E-02	1.14E-03	6.43E-03	6.51E-04	1.03E-04	8.99E-06	5.92E-03	6.13E-04	7.02E-05	6.15E-06	5.94E-03	6.14E-04	5.15E-01	5.57E-02	6.97E-01	6.83E-02
1271	Gridded	5.77E-03	6.83E-04	5.10E-06	5.98E-07	2.77E-03	3.35E-04	6.05E-03	7.23E-04	6.01E-03	7.18E-04	5.75E-03	6.81E-04	6.97E-03	8.54E-04	6.97E-03	8.54E-04	1.07E-02	1.27E-03	6.05E-03	7.23E-04	7.07E-05	8.29E-06	5.76E-03	6.82E-04	4.84E-05	5.67E-06	5.77E-03	6.83E-04	3.17E-01	4.99E-02	5.62E-01	5.61E-02
1272	Gridded	1.16E-02	9.71E-04	9.42E-06	8.21E-07	5.60E-03	4.74E-04	1.22E-02	1.03E-03	1.21E-02	1.02E-03	1.16E-02	9.68E-04	1.41E-02	1.21E-03	1.41E-02	1.21E-03	2.16E-02	1.80E-03	1.22E-02	1.03E-03	1.31E-04	1.14E-05	1.16E-02	9.69E-04	8.93E-05	7.79E-06	1.17E-02	9.71E-04	5.14E-01	6.05E-02	9.00E-01	7.53E-02
1273	Gridded	9.88E-03	7.71E-04	8.48E-06	6.68E-07	4.83E-03	3.78E-04	1.05E-02	8.16E-04	1.04E-02	8.10E-04	9.85E-03	7.68E-04	1.23E-02	9.62E-04	1.23E-02	9.62E-04	1.83E-02	1.43E-03	1.05E-02	8.16E-04	1.18E-04	9.27E-06	9.87E-03	7.70E-04	8.05E-05	6.34E-06	9.89E-03	7.71E-04	5.33E-01	4.86E-02	9.70E-01	6.02E-02
1274	Gridded	6.34E-03	5.42E-04	6.63E-06	4.84E-07	3.18E-03	2.67E-04	6.78E-03	5.75E-04	6.72E-03	5.70E-04	6.31E-03	5.40E-04	8.23E-03	6.81E-04	8.23E-03	6.81E-04	1.17E-02	1.00E-03	6.78E-03	5.75E-04	9.19E-05	6.72E-06	6.33E-03	5.42E-04	6.29E-05	4.60E-06	6.34E-03	5.43E-04	4.89E-01	3.51E-02	8.91E-01	4.25E-02
1275	Gridded	7.26E-03	6.92E-04	9.65E-06	7.91E-07	3.80E-03	3.39E-04	7.92E-03	7.33E-04	7.82E-03	7.27E-04	7.23E-03	6.90E-04	1.00E-02	8.65E-04	1.00E-02	8.65E-04	1.34E-02	1.28E-03	7.92E-03	7.33E-04	1.34E-04	1.10E-05	7.25E-03	6.91E-04	9.16E-05	7.51E-06	7.27E-03	6.93E-04	6.45E-01	4.35E-02	1.19E+00	5.31E-02
1276	Gridded	4.87E-03	7.14E-04	4.73E-06	8.98E-07	2.42E-03	3.63E-04	5.19E-03	7.69E-04	5.14E-03	7.61E-04	4.85E-03	7.11E-04	6.22E-03	9.47E-04	6.22E-03	9.47E-04	9.02E-03	1.32E-03	5.19E-03	7.69E-04	6.56E-05	1.25E-05	4.86E-03	7.13E-04	4.49E-05	8.52E-06	4.87E-03	7.14E-04	2.81E-01	5.95E-02	6.90E-01	1.19E-01
1277	Gridded	5.27E-03	7.25E-04	5.17E-06	9.19E-07	2.62E-03	3.70E-04	5.62E-03	7.82E-04	5.57E-03	7.74E-04	5.25E-03	7.22E-04	6.75E-03	9.64E-04	6.75E-03	9.64E-04	9.77E-03	1.34E-03	5.62E-03	7.82E-04	7.17E-05	1.27E-05	5.26E-03	7.24E-04	4.91E-05	8.72E-06	5.28E-03	7.26E-04	3.02E-01	6.22E-02	7.30E-01	1.25E-01
1278	Gridded	5.41E-03	6.99E-04	5.42E-06	9.02E-07	2.70E-03	3.58E-04	5.78E-03	7.55E-04	5.73E-03	7.47E-04	5.39E-03	6.96E-04	6.97E-03	9.35E-04	6.97E-03	9.35E-04	1.00E-02	1.29E-03	5.78E-03	7.55E-04	7.52E-05	1.25E-05	5.41E-03	6.98E-04	5.15E-05	8.56E-06	5.42E-03	7.00E-04	3.20E-01	6.30E-02	7.45E-01	1.27E-01
1279	Gridded	6.45E-03	8.31E-04	6.47E-06	1.05E-06	3.22E-03	4.24E-04	6.89E-03	8.96E-04	6.83E-03	8.86E-04	6.43E-03	8.27E-04	8.31E-03	1.11E-03	8.31E-03	1.11E-03	1.20E-02	1.54E-03	6.89E-03	8.96E-04	8.98E-05	1.45E-05	6.44E-03	8.30E-04	6.14E-05	9.95E-06	6.46E-03	8.32E-04	3.80E-01	7.21E-02	8.47E-01	1.44E-01
1280	Gridded	7.54E-03	9.73E-04	7.59E-06	1.20E-06	3.77E-03	4.95E-04	8.05E-03	1.05E-03	7.98E-03	1.04E-03	7.51E-03	9.69E-04	9.72E-03	1.29E-03	9.72E-03	1.29E-03	1.40E-02	1.80E-03	8.05E-03	1.05E-03	1.05E-04	1.67E-05	7.53E-03	9.72E-04	7.20E-05	1.14E-05	7.55E-03	9.74E-04	4.40E-01	8.15E-02	9.52E-01	1.61E-01
1281	Gridded	7.92E-03	9.96E-04	8.12E-06	1.24E-06	3.97E-03	5.08E-04	8.47E-03	1.07E-03	8.39E-03	1.06E-03	7.89E-03	9.92E-04	1.02E-02	1.32E-03	1.02E-02	1.32E-03	1.47E-02	1.85E-03	8.47E-03	1.07E-03	1.13E-04	1.72E-05	7.91E-03	9.95E-04	7.71E-05	1.18E-05	7.93E-03	9.97E-04	4.82E-01	8.70E-02	1.00E+00	1.71E-01
1282	Gridded	5.96E-03	7.23E-04	6.69E-06	9.39E-07	3.03E-03	3.72E-04	6.42E-03	7.82E-04	6.35E-03	7.74E-04	5.94E-03	7.20E-04	7.88E-03	9.73E-04	7.88E-03	9.73E-04	1.10E-02	1.34E-03	6.42E-03	7.82E-04	9.28E-05	1.30E-05	5.95E-03	7.22E-04	6.35E-05	8.91E-06	5.97E-03	7.24E-04	4.41E-01	7.82E-02	1.00E+00	1.50E-01
1283	Gridded	4.34E-03	6.35E-04	5.36E-06	7.94E-07	2.24E-03	3.28E-04	4.70E-03	6.89E-04	4.65E-03	6.81E-04	4.32E-03	6.32E-04	5.88E-03	8.63E-04	5.88E-03	8.63E-04	8.04E-03	1.18E-03	4.70E-03	6.89E-04	7.44E-05	1.10E-05	4.33E-03	6.34E-04	5.09E-05	7.53E-06	4.35E-03	6.36E-04	3.91E-01	6.98E-02	9.78E-01	1.31E-01
1284	Gridded	3.28E-03	6.11E-04	4.47E-06	7.75E-07	1.72E-03	3.17E-04	3.59E-03	6.63E-04	3.54E-03	6.56E-04	3.27E-03	6.08E-04	4.56E-03	8.33E-04	4.56E-03	8.33E-04	6.08E-03	1.13E-03	3.59E-03	6.63E-04	6.20E-05	1.07E-05	3.28E-03	6.10E-04	4.24E-05	7.35E-06	3.29E-03	6.11E-04	3.56E-01	6.62E-02	1.03E+00	1.21E-01
1285	Gridded	2.92E-03	5.87E-04	3.41E-06	7.43E-07	1.49E-03	3.04E-04	3.15E-03	6.37E-04	3.12E-03	6.30E-04	2.91E-03	5.84E-04	3.90E-03	8.00E-04	3.90E-03	8.00E-04	5.42E-03	1.09E-03	3.15E-03	6.37E-04	4.72E-05	1.03E-05	2.92E-03	5.86E-04	3.23E-05	7.05E-06	2.93E-03	5.88E-04	2.82E-01	5.75E-02	8.50E-01	1.01E-01
1286	Gridded	2.90E-03	6.04E-04	3.46E-06	7.58E-07	1.49E-03	3.12E-04	3.13E-03	6.55E-04	3.10E-03	6.48E-04	2.88E-03	6.01E-04	3.89E-03	8.21E-04	3.89E-03	8.21E-04	5.36E-03	1.12E-03	3.13E-03	6.55E-04	4.80E-05	1.05E-05	2.89E-03	6.03E-04	3.28E-05	7.19E-06	2.90E-03	6.05E-04	2.41E-01	5.34E-02	6.45E-01	8.95E-02
1287	Gridded	2.97E-03	6.54E-04	3.64E-06	8.26E-07	1.53E-03	3.39E-04	3.22E-03	7.10E-04	3.18E-03	7.02E-04	2.96E-03	6.51E-04	4.01E-03	8.91E-04	4.01E-03	8.91E-04	5.50E-03	1.21E-03	3.22E-03	7.10E-04	5.04E-05	1.15E-05	2.97E-03	6.53E-04	3.45E-05	7.84E-06	2.98E-03	6.55E-04	2.43E-01	5.74E-02	6.10E-01	9.06E-02
1288	Gridded	3.13E-03	7.10E-04	3.81E-06	9.01E-07	1.60E-03	3.68E-04	3.38E-03	7.71E-04	3.34E-03	7.62E-04	3.11E-03	7.06E-04	4.18E-03	9.68E-04	4.18E-03	9.68E-04	5.79E-03	1.31E-03	3.38E-03	7.71E-04	5.28E-05	1.25E-05	3.12E-03	7.08E-04	3.62E-05	8.55E-06	3.13E-03	7.10E-04	2.47E-01	6.20E-02	6.53E-01	9.31E-02
1289	Gridded	3.46E-03	7.85E-04	4.13E-06	1.01E-06	1.77E-03	4.08E-04	3.74E-03	8.53E-04	3.70E-03	8.44E-04	3.44E-03	7.81E-04	4.64E-03	1.08E-03	4.64E-03	1.08E-03	6.41E-03	1.45E-03	3.74E-03	8.53E-04	5.73E-05	1.41E-05	3.45E-03	7.83E-04	3.92E-05	9.62E-06	3.46E-03	7.86E-04	2.83E-01	7.07E-02	7.85E-01	1.07E-01
1290	Gridded	3.88E-03	8.75E-04	4.72E-06	1.16E-06	2.00E-03	4.57E-04	4.20E-03	9.53E-04	4.15E-03	9.42E-04	3.86E-03	8.71E-04	5.23E-03	1.21E-03	5.23E-03	1.21E-03	7.18E-03	1.62E-03	4.20E-03	9.53E-04	6.55E-05	1.61E-05	3.87E-03	8.73E-04	4.48E-05	1.10E-05	3.88E-03	8.76E-04	3.53E-01	8.35E-02	1.02E+00	1.30E-01
1291	Gridded	4.37E-03	9.71E-04	5.45E-06	1.33E-06	2.26E-03	5.10E-04	4.74E-03	1.06E-03	4.69E-03	1.05E-03	4.35E-03	9.66E-04	5.94E-03	1.35E-03	5.94E-03	1.35E-03	8.10E-03	1.80E-03	4.74E-03	1.06E-03	7.56E-05	1.85E-05	4.37E-03	9.69E-04	5.17E-05	1.27E-05	4.38E-03	9.72E-04	4.53E-01	9.95E-02	1.36E+00	1.59E-01
1292	Gridded	4.87E-03	1.00E-03	6.03E-06	1.39E-06	2.45E-03	5.29E-04	5.21E-03	1.10E-03	5.17E-03	1.08E-03	4.85E-03	9.98E-04	6.35E-03	1.40E-03	6.35E-03	1.40E-03	9.03E-03	1.86E-03	5.21E-03	1.10E-03	8.37E-05	1.93E-05	4.86E-03	1.00E-03	5.72E-05	1.32E-05	4.88E-03	1.00E-03	4.37E-01	1.06E-01	1.40E+00	1.70E-01
1293	Gridded	5.51E-03	9.90E-04	6.32E-06	1.37E-06	2.78E-03	5.21E-04	5.91E-03	1.08E-03	5.86E-03	1.07E-03	5.49E-03	9.85E-04	7.22E-03	1.38E-03	7.22E-03	1.38E-03	1.02E-02	1.83E-03	5.91E-03	1.08E-03	8.76E-05	1.90E-05	5.50E-03	9.88E-04	6.00E-05	1.30E-05	5.51E-03	9.91E-04	3.76E-01	1.02E-01	1.11E+00	1.63E-01
1294	Gridded	6.01E-03	9.61E-04	7.02E-06	1.34E-06	3.07E-03	5.06E-04	6.49E-03	1.05E-03	6.42E-03	1.04E-03	5.99E-03	9.56E-04	8.02E-03	1.34E-03	8.02E-03	1.34E-03	1.11E-02	1.78E-03	6.49E-03	1.05E-03	9.73E-05	1.86E-05	6.00E-03	9.59E-04	6.66E-05	1.27E-05	6.02E-03	9.62E-04	4.26E-01	9.78E-02	7.55E-01	1.58E-01
1295	Gridded	6.51E-03	9.95E-04	8.19E-06	1.32E-06	3.37E-03	5.17E-04	7.07E-03	1.08E-03	6.99E-03	1.07E-03	6.48E-03	9.91E-04	8.86E-03	1.36E-03	8.86E-03	1.36E-03	1.21E-02	1.84E-03	7.07E-03	1.08E-03	1.14E-04	1.83E-05	6.50E-03	9.94E-04	7.77E-05	1.25E-05	6.52E-03	9.96E-04	1.04E+00	9.79E-02	9.97E-01	1.62E-01
1296	Gridded	7.28E-03	1.11E-03	9.60E-06	1.47E-06	3.61E-03	5.77E-04	7.74E-03	1.21E-03	7.67E-03	1.20E-03	7.26E-03	1.11E-03	9.59E-03	1.52E-03	9.59E-03	1.52E-03	1.35E-02	2.06E-03	7.74E-03	1.21E-03	1.33E-04	2.04E-05	7.27E-03	1.11E-03	9.11E-05	1.39E-05	7.29E-03	1.11E-03	1.05E+00	1.06E-01	8.60E-01	1.79E-01
1297	Gridded	8.38E-03	1.37E-03	9.84E-06	1.85E-06	4.11E-03	7.17E-04	8.88E-03	1.49E-03	8.81E-03	1.48E-03	8.35E-03	1.36E-03	1.05E-02	1.90E-03	1.05E-02	1.90E-03	1.55E-02	2.53E-03	8.88E-03	1.49E-03	1.36E-04	2.56E-05	8.37E-03	1.37E-03	9.34E-05	1.75E-05	8.39E-03	1.37E-03	6.32E-01	1.26E-01	1.09E+00	2.00E-01
1298	Gridded	7.74E-03	1.63E-03	1.06E-05	2.24E-06	4.07E-03	8.34E-04	8.46E-03	1.76E-03	8.36E-03	1.74E-03	7.70E-03	1.63E-03	1.08E-02	2.17E-03	1.08E-02	2.17E-03	1.43E-02	3.03E-03	8.46E-03	1.76E-03	1.47E-04	3.10E-05	7.73E-03	1.63E-03	1.00E-04	2.12E-05	7.75E-03	1.64E-03	6.77E-01	1.72E-01	1.09E+00	2.23E-01
1299	Gridded	6.93E-03	1.57E-03	1.02E-05	2.06E-06	3.63E-03	8.17E-04	7.56E-03	1.70E-03	7.48E-03	1.69E-03	6.90E-03	1.56E-03	9.61E-03	2.16E-03	9.61E-03	2.16E-03	1.28E-02	2.90E-03	7.56E-03	1.70E-03	1.41E-04	2.86E-05	6.92E-03	1.56E-03	9.66E-05	1.96E-05	6.94E-03	1.57E-03	7.25E-01	2.06E-01	1.13E+00	2.17E-01
1300	Gridded	9.27E-03	2.02E-03	9.03E-06	2.31E-06	4.61E-03	1.03E-03	9.88E-03	2.17E-03	9.79E-03	2.15E-03	9.23E-03	2.01E-03	1.19E-02	2.68E-03	1.19E-02	2.68E-03	1.72E-02	3.74E-03	9.88E-03	2.17E-03	1.25E-04	3.20E-05	9.25E-03	2.01E-03	8.57E-05	2.19E-05	9.27E-03	2.02E-03	7.82E-01	2.74E-01	8.00E-01	2.12E-01
1301	Gridded	5.04E-03	7.44E-04	5.94E-06	8.04E-07	2.44E-03	3.28E-04	5.23E-03	7.53E-04	5.19E-03	7.51E-04	5.03E-03	7.44E-04	6.27E-03	7.81E-04	6.27E-03	7.81E-04	9.35E-03	1.38E-03	5.23E-03	7.53E-04	8.23E-05	1.12E-05	5.04E-03	7.44E-04	5.63E-05	7.63E-06	5.04E-03	7.44E-04	6.94E-01	1.18E-01	1.41E+00	7.93E-02
1302	Gridded	2.76E-02	3.64E-03	2.58E-05	3.87E-06	1.18E-02	1.57E-03	2.76E-02	3.65E-03	2.76E-02	3.64E-03	2.76E-02	3.64E-03	2.76E-02	3.66E-03	2.76E-02	3.66E-03	5.12E-02	6.76E-03	2.76E-02	3.65E-03	3.58E-04	5.37E-05	2.76E-02	3.64E-03	2.45E-04	3.68E-05	2.76E-02	3.64E-03	1.02E+00	3.67E-01	1.97E+00	1.17E-01
1303	Gridded	1.65E-02	2.68E-03	2.14E-05	1.65E-06	7.25E-03	1.19E-03	1.67E-02	2.69E-03	1.66E-02	2.68E-03	1.65E-02	2.68E-03	1.90E-02	2.93E-03	1.90E-02	2.93E-03	3.06E-02	4.97E-03	1.67E-02	2.69E-03	2.96E-04	2.29E-05	1.65E-02	2.68E-03	2.03E-04	1.57E-05	1.65E-02	2.68E-03	1.51E+00	2.75E-01	1.99E+00	1.64E-01
1304	Gridded	2.28E-02	3.09E-03	2.24E-05	3.32E-06	1.11E-02	1.56E-03	2.40E-02	3.31E-03	2.39E-02	3.28E-03	2.27E-02	3.08E-03	2.81E-02	4.04E-03	2.81E-02	4.04E-03	4.23E-02	5.72E-03	2.40E-02	3.31E-03	3.11E-04	4.61E-05	2.28E-02	3.08E-03	2.13E-04	3.15E-05	2.28E-02	3.09E-03	1.31E+00	2.59E-01	2.44E+00	2.39E-01
1305	Gridded	1.57E-02	3.18E-03	1.32E-05	2.29E-06	7.47E-03	1.52E-03	1.64E-02	3.33E-03	1.63E-02	3.31E-03	1.57E-02	3.17E-03	1.87E-02	3.84E-03	1.87E-02	3.84E-03	2.91E-02	5.89E-03	1.64E-02	3.33E-03	1.83E-04	3.18E-05	1.57E-02	3.18E-03	1.25E-04	2.18E-05	1.57E-02	3.18E-03	8.79E-01	1.45E-01	3.29E+00	1.68E-01
1306	Gridded	1.27E-02	2.19E-03	1.03E-05	1.36E-06	6.14E-03	1.04E-03	1.34E-02	2.28E-03	1.33E-02	2.27E-03	1.27E-02	2.19E-03	1.55E-02	2.58E-03	1.55E-02	2.58E-03	2.36E-02	4.07E-03	1.34E-02	2.28E-03	1.43E-04	1.89E-05	1.27E-02	2.19E-03	9.79E-05	1.29E-05	1.27E-02	2.19E-03	1.06E+00	9.98E-02	2.89E+00	1.46E-01
1307	Gridded	9.98E-03	1.48E-03	1.01E-05	1.36E-06	4.79E-03	6.94E-04	1.05E-02	1.54E-03	1.04E-02	1.53E-03	9.96E-03	1.47E-03	1.24E-02	1.72E-03	1.24E-02	1.72E-03	1.85E-02	2.74E-03	1.05E-02	1.54E-03	1.39E-04	1.89E-05	9.97E-03	1.48E-03	9.54E-05	1.29E-05	9.99E-03	1.48E-03	1.00E+00	1.01E-01	1.97E+00	1.45E-01
1308	Gridded	8.92E-03	1.00E-03	9.07E-06	1.06E-06	4.44E-03	5.05E-04	9.51E-03	1.07E-03	9.43E-03	1.06E-03	8.89E-03	9.99E-04	1.14E-02	1.31E-03	1.14E-02	1.31E-03	1.65E-02	1.86E-03	9.51E-03	1.07E-03	1.26E-04	1.46E-05	8.91E-03	1.00E-03	8.61E-05	1.00E-05	8.93E-03	1.00E-03	7.50E-01	7.72E-02	1.08E+00	1.07E-01
1309	Gridded	8.01E-03	8.36E-04	7.93E-06	8.45E-07	3.99E-03	4.18E-04	8.55E-03	8.93E-04	8.47E-03	8.85E-04	7.98E-03	8.33E-04	1.03E-02	1.08E-03	1.03E-02	1.08E-03	1.48E-02	1.55E-03	8.55E-03	8.93E-04	1.10E-04	1.17E-05	8.00E-03	8.35E-04	7.52E-05	8.02E-06	8.02E-03	8.37E-04	5.79E-01	6.36E-02	8.28E-01	8.50E-02
1310	Gridded	7.33E-03	7.56E-04	7.08E-06	7.62E-07	3.64E-03	3.76E-04	7.81E-03	8.06E-04	7.74E-03	7.99E-04	7.30E-03	7.54E-04	9.36E-03	9.68E-04	9.36E-03	9.68E-04	1.36E-02	1.40E-03	7.81E-03	8.06E-04	9.82E-05	1.06E-05	7.32E-03	7.55E-04	6.72E-05	7.23E-06	7.33E-03	7.57E-04	5.18E-01	5.82E-02	7.24E-01	7.54E-02
1311	Gridded	6.61E-03	6.98E-04	6.36E-06	7.48E-07	3.28E-03	3.52E-04	7.04E-03	7.48E-04	6.98E-03	7.41E-04	6.59E-03	6.95E-04	8.43E-03	9.12E-04	8.43E-03	9.12E-04	1.22E-02	1.29E-03	7.04E-03	7.48E-04	8.82E-05	1.04E-05	6.60E-03	6.97E-04	6.03E-05	7.10E-06	6.62E-03	6.99E-04	4.51E-01	5.43E-02	6.28E-01	6.83E-02
1312	Gridded	6.12E-03	7.33E-04	5.83E-06	7.86E-07	3.03E-03	3.70E-04	6.51E-03	7.86E-04	6.46E-03	7.79E-04	6.10E-03	7.31E-04	7.79E-03	9.58E-04	7.79E-03	9.58E-04	1.13E-02	1.36E-03	6.51E-03	7.86E-04	8.08E-05	1.09E-05	6.11E-03	7.32E-04	5.53E-05	7.45E-06	6.12E-03	7.34E-04	3.99E-01	5.52E-02	5.60E-01	6.96E-02
1313	Gridded	5.56E-03	7.01E-04	5.24E-06	7.35E-07	2.75E-03	3.52E-04	5.91E-03	7.51E-04	5.86E-03	7.44E-04	5.54E-03	6.99E-04	7.06E-03	9.12E-04	7.06E-03	9.12E-04	1.03E-02	1.30E-03	5.91E-03	7.51E-04	7.27E-05	1.02E-05	5.55E-03	7.00E-04	4.97E-05	6.97E-06	5.56E-03	7.02E-04	4.01E-01	5.40E-02	5.39E-01	6.76E-02
1314	Gridded	5.93E-03	7.74E-04	6.32E-06	7.87E-07	2.99E-03	3.87E-04	6.35E-03	8.27E-04	6.29E-03	8.20E-04	5.90E-03	7.71E-04	7.74E-03	1.00E-03	7.74E-03	1.00E-03	1.10E-02	1.43E-03	6.35E-03	8.27E-04	8.77E-05	1.09E-05	5.92E-03	7.73E-04	6.00E-05	7.47E-06	5.93E-03	7.75E-04	4.89E-01	6.13E-02	6.33E-01	7.61E-02

Scenario 4 Results

1315	Gridded	6.45E-03	7.40E-04	7.00E-06	7.36E-07	3.26E-03	3.69E-04	6.92E-03	7.90E-04	6.85E-03	7.83E-04	6.42E-03	7.37E-04	8.45E-03	9.51E-04	8.45E-03	9.51E-04	1.19E-02	1.37E-03	6.92E-03	7.90E-04	9.71E-05	1.02E-05	6.44E-03	7.39E-04	6.64E-05	6.98E-06	6.45E-03	7.40E-04	4.41E-01	5.80E-02	5.52E-01	7.12E-02
1316	Gridded	7.11E-03	7.87E-04	8.14E-06	7.91E-07	3.62E-03	3.91E-04	7.65E-03	8.38E-04	7.58E-03	8.31E-04	7.07E-03	7.84E-04	9.44E-03	1.00E-03	9.44E-03	1.00E-03	1.32E-02	1.46E-03	7.65E-03	8.38E-04	1.13E-04	1.10E-05	7.09E-03	7.86E-04	7.72E-05	7.51E-06	7.11E-03	7.88E-04	4.54E-01	6.12E-02	5.86E-01	7.64E-02
1317	Gridded	4.61E-03	6.49E-04	5.79E-06	6.46E-07	2.39E-03	3.22E-04	5.00E-03	6.91E-04	4.95E-03	6.85E-04	4.59E-03	6.46E-04	6.27E-03	8.27E-04	6.27E-03	8.27E-04	8.54E-03	1.20E-03	5.00E-03	6.91E-04	8.02E-05	8.96E-06	4.60E-03	6.48E-04	5.49E-05	6.13E-06	4.62E-03	6.49E-04	3.43E-01	5.08E-02	4.79E-01	6.40E-02
1318	Gridded	3.48E-03	4.84E-04	4.84E-06	4.70E-07	1.82E-03	2.40E-04	3.77E-03	5.15E-04	3.72E-03	5.11E-04	3.46E-03	4.82E-04	4.83E-03	6.17E-04	4.83E-03	6.17E-04	6.44E-03	8.97E-04	3.77E-03	5.15E-04	6.71E-05	6.52E-06	3.47E-03	4.83E-04	4.59E-05	4.46E-06	3.48E-03	4.84E-04	2.46E-01	3.90E-02	3.56E-01	4.82E-02
1319	Gridded	4.22E-03	5.01E-04	4.89E-06	4.74E-07	2.15E-03	2.48E-04	4.55E-03	5.33E-04	4.50E-03	5.28E-04	4.20E-03	4.99E-04	5.62E-03	6.36E-04	5.62E-03	6.36E-04	7.81E-03	9.28E-04	4.55E-03	5.33E-04	6.78E-05	6.57E-06	4.21E-03	5.00E-04	4.64E-05	4.49E-06	4.22E-03	5.01E-04	2.92E-01	4.39E-02	5.26E-01	5.37E-02
1320	Gridded	5.15E-03	5.10E-04	6.43E-06	4.74E-07	2.66E-03	2.52E-04	5.59E-03	5.42E-04	5.53E-03	5.38E-04	5.13E-03	5.09E-04	7.00E-03	6.46E-04	7.00E-03	6.46E-04	9.54E-03	9.46E-04	5.59E-03	5.42E-04	8.92E-05	6.57E-06	5.14E-03	5.10E-04	6.11E-05	4.50E-06	5.16E-03	5.11E-04	4.08E-01	4.57E-02	7.81E-01	5.43E-02
1321	Gridded	5.61E-03	5.14E-04	7.61E-06	5.83E-07	2.94E-03	2.54E-04	6.12E-03	5.46E-04	6.05E-03	5.42E-04	5.58E-03	5.12E-04	7.79E-03	6.49E-04	7.79E-03	6.49E-04	1.04E-02	9.53E-04	6.12E-03	5.46E-04	1.05E-04	8.09E-06	5.60E-03	5.14E-04	7.22E-05	5.53E-06	5.62E-03	5.15E-04	5.31E-01	4.25E-02	9.65E-01	5.87E-02
1322	Gridded	6.28E-03	5.77E-04	9.24E-06	7.96E-07	3.35E-03	2.85E-04	6.91E-03	6.12E-04	6.82E-03	6.08E-04	6.25E-03	5.75E-04	8.93E-03	7.61E-04	8.93E-03	7.61E-04	1.16E-02	1.07E-03	6.91E-03	6.12E-04	1.28E-04	1.10E-05	6.27E-03	5.77E-04	8.77E-05	7.56E-06	6.29E-03	5.78E-04	6.57E-01	4.39E-02	1.14E+00	6.43E-02
1323	Gridded	8.17E-03	9.15E-04	1.30E-05	1.30E-06	4.42E-03	4.84E-04	9.05E-03	1.00E-03	8.92E-03	9.91E-04	8.12E-03	9.10E-04	1.19E-02	1.29E-03	1.19E-02	1.29E-03	1.51E-02	1.69E-03	9.05E-03	1.00E-03	1.80E-04	1.81E-05	8.15E-03	9.13E-04	1.23E-04	1.24E-05	8.18E-03	9.16E-04	7.95E-01	5.75E-02	1.34E+00	7.62E-02
1324	Gridded	9.34E-03	9.20E-04	1.13E-05	1.29E-06	4.80E-03	4.86E-04	1.01E-02	1.01E-03	9.99E-03	9.95E-04	9.30E-03	9.15E-04	1.26E-02	1.29E-03	1.26E-02	1.29E-03	1.73E-02	1.70E-03	1.01E-02	1.01E-03	1.56E-04	1.79E-05	9.32E-03	9.18E-04	1.07E-04	1.23E-05	9.35E-03	9.21E-04	6.98E-01	5.61E-02	1.13E+00	7.33E-02
1325	Gridded	5.82E-03	5.12E-04	7.42E-06	7.59E-07	3.02E-03	2.73E-04	6.32E-03	5.63E-04	6.25E-03	5.56E-04	5.80E-03	5.09E-04	7.95E-03	7.29E-04	7.95E-03	7.29E-04	1.08E-02	9.47E-04	6.32E-03	5.63E-04	1.03E-04	1.05E-05	5.81E-03	5.11E-04	7.04E-05	7.20E-06	5.83E-03	5.12E-04	4.82E-01	4.12E-02	7.36E-01	5.99E-02
1326	Gridded	8.02E-03	6.41E-04	9.94E-06	8.98E-07	4.14E-03	3.38E-04	8.69E-03	7.02E-04	8.59E-03	6.93E-04	7.98E-03	6.38E-04	1.09E-02	8.99E-04	1.09E-02	8.99E-04	1.48E-02	1.19E-03	8.69E-03	7.02E-04	1.38E-04	1.25E-05	8.00E-03	6.40E-04	9.43E-05	8.52E-06	8.03E-03	6.42E-04	5.71E-01	4.86E-02	8.37E-01	6.99E-02
1327	Gridded	4.78E-03	5.83E-04	5.61E-06	7.95E-07	2.39E-03	2.92E-04	5.11E-03	6.18E-04	5.07E-03	6.13E-04	4.77E-03	5.81E-04	6.18E-03	7.78E-04	6.18E-03	7.78E-04	8.86E-03	1.08E-03	5.11E-03	6.18E-04	7.78E-05	1.10E-05	4.78E-03	5.83E-04	5.32E-05	7.55E-06	4.79E-03	5.84E-04	3.10E-01	8.50E-02	7.38E-01	1.54E-01
1328	Gridded	4.22E-03	5.45E-04	4.90E-06	7.11E-07	2.12E-03	2.74E-04	4.52E-03	5.83E-04	4.48E-03	5.78E-04	4.21E-03	5.42E-04	5.49E-03	7.10E-04	5.49E-03	7.10E-04	7.82E-03	1.01E-03	4.52E-03	5.83E-04	6.79E-05	9.86E-06	4.22E-03	5.44E-04	4.65E-05	6.75E-06	4.23E-03	5.45E-04	2.98E-01	8.31E-02	7.29E-01	1.53E-01
1329	Gridded	4.15E-03	5.55E-04	4.57E-06	6.97E-07	2.09E-03	2.80E-04	4.45E-03	5.95E-04	4.41E-03	5.89E-04	4.14E-03	5.53E-04	5.41E-03	7.24E-04	5.41E-03	7.24E-04	7.69E-03	1.03E-03	4.45E-03	5.95E-04	6.34E-05	9.66E-06	4.15E-03	5.54E-04	4.34E-05	6.61E-06	4.16E-03	5.56E-04	3.00E-01	8.57E-02	8.27E-01	1.59E-01
1330	Gridded	5.58E-03	6.54E-04	5.63E-06	8.75E-07	2.79E-03	3.29E-04	5.96E-03	7.00E-04	5.91E-03	6.94E-04	5.56E-03	6.51E-04	7.20E-03	8.53E-04	7.20E-03	8.53E-04	1.03E-02	1.21E-03	5.96E-03	7.00E-04	7.80E-05	1.21E-05	5.58E-03	6.53E-04	5.34E-05	8.31E-06	5.59E-03	6.54E-04	3.58E-01	1.03E-01	9.57E-01	1.89E-01
1331	Gridded	6.54E-03	7.27E-04	6.44E-06	9.87E-07	3.26E-03	3.66E-04	6.97E-03	7.77E-04	6.91E-03	7.69E-04	6.51E-03	7.24E-04	8.38E-03	9.75E-04	8.38E-03	9.75E-04	1.21E-02	1.35E-03	6.97E-03	7.77E-04	8.93E-05	1.37E-05	6.53E-03	7.26E-04	6.11E-05	9.36E-06	6.54E-03	7.27E-04	4.13E-01	1.14E-01	9.80E-01	2.07E-01
1332	Gridded	5.63E-03	6.94E-04	5.74E-06	8.68E-07	2.82E-03	3.50E-04	6.01E-03	7.44E-04	5.96E-03	7.37E-04	5.61E-03	6.92E-04	7.27E-03	9.06E-04	7.27E-03	9.06E-04	1.04E-02	1.29E-03	6.01E-03	7.44E-04	7.96E-05	1.20E-05	5.62E-03	6.93E-04	5.44E-05	8.24E-06	5.63E-03	6.95E-04	4.14E-01	1.13E-01	1.15E+00	2.08E-01
1333	Gridded	4.17E-03	6.23E-04	4.57E-06	6.94E-07	2.11E-03	3.15E-04	4.48E-03	6.69E-04	4.44E-03	6.63E-04	4.16E-03	6.21E-04	5.48E-03	8.17E-04	5.48E-03	8.17E-04	7.73E-03	1.15E-03	4.48E-03	6.69E-04	6.34E-05	9.63E-06	4.17E-03	6.22E-04	4.34E-05	6.59E-06	4.18E-03	6.24E-04	3.74E-01	1.03E-01	1.05E+00	1.89E-01
1334	Gridded	3.23E-03	5.94E-04	3.78E-06	6.67E-07	1.65E-03	3.02E-04	3.48E-03	6.39E-04	3.45E-03	6.33E-04	3.21E-03	5.92E-04	4.31E-03	7.86E-04	4.31E-03	7.86E-04	5.97E-03	1.10E-03	3.48E-03	6.39E-04	5.25E-05	9.26E-06	3.22E-03	5.93E-04	3.59E-05	6.33E-06	3.23E-03	5.95E-04	3.74E-01	9.54E-02	8.81E-01	1.74E-01
1335	Gridded	2.81E-03	5.60E-04	3.01E-06	6.33E-07	1.42E-03	2.84E-04	3.01E-03	6.02E-04	2.99E-03	5.96E-04	2.80E-03	5.58E-04	3.67E-03	7.40E-04	3.67E-03	7.40E-04	5.21E-03	1.04E-03	3.01E-03	6.02E-04	4.18E-05	8.77E-06	2.81E-03	5.59E-04	2.86E-05	6.00E-06	2.81E-03	5.61E-04	3.40E-01	7.62E-02	8.19E-01	1.36E-01
1336	Gridded	2.87E-03	5.86E-04	3.12E-06	6.49E-07	1.45E-03	2.96E-04	3.08E-03	6.29E-04	3.05E-03	6.23E-04	2.86E-03	5.83E-04	3.76E-03	7.68E-04	3.76E-03	7.68E-04	5.32E-03	1.08E-03	3.08E-03	6.29E-04	4.32E-05	9.00E-06	2.87E-03	5.85E-04	2.96E-05	6.16E-06	2.87E-03	5.86E-04	3.01E-01	6.90E-02	7.95E-01	1.20E-01
1337	Gridded	3.01E-03	6.31E-04	3.25E-06	6.85E-07	1.51E-03	3.19E-04	3.22E-03	6.77E-04	3.19E-03	6.71E-04	3.00E-03	6.28E-04	3.89E-03	8.27E-04	3.89E-03	8.27E-04	5.57E-03	1.17E-03	3.22E-03	6.77E-04	4.51E-05	9.50E-06	3.00E-03	6.30E-04	3.09E-05	6.50E-06	3.01E-03	6.32E-04	2.98E-01	6.53E-02	6.51E-01	1.10E-01
1338	Gridded	3.21E-03	6.92E-04	3.52E-06	7.46E-07	1.61E-03	3.49E-04	3.43E-03	7.43E-04	3.40E-03	7.36E-04	3.20E-03	6.90E-04	4.15E-03	9.06E-04	4.15E-03	9.06E-04	5.95E-03	1.28E-03	3.43E-03	7.43E-04	4.89E-05	1.03E-05	3.21E-03	6.91E-04	3.34E-05	7.08E-06	3.21E-03	6.93E-04	3.02E-01	6.34E-02	5.96E-01	1.02E-01
1339	Gridded	3.45E-03	7.73E-04	3.86E-06	8.28E-07	1.73E-03	3.90E-04	3.69E-03	8.29E-04	3.65E-03	8.21E-04	3.43E-03	7.70E-04	4.46E-03	1.01E-03	4.46E-03	1.01E-03	6.39E-03	1.43E-03	3.69E-03	8.29E-04	5.35E-05	1.15E-05	3.44E-03	7.72E-04	3.66E-05	7.85E-06	3.45E-03	7.74E-04	3.17E-01	6.39E-02	6.04E-01	9.94E-02
1340	Gridded	3.99E-03	9.37E-04	4.54E-06	9.97E-07	2.00E-03	4.72E-04	4.26E-03	1.00E-03	4.23E-03	9.95E-04	3.98E-03	9.34E-04	5.15E-03	1.22E-03	5.15E-03	1.22E-03	7.39E-03	1.74E-03	4.26E-03	1.00E-03	6.30E-05	1.38E-05	3.98E-03	9.36E-04	4.31E-05	9.46E-06	3.99E-03	9.38E-04	4.40E-01	9.02E-02	7.83E-01	1.37E-01
1341	Gridded	4.49E-03	1.10E-03	5.19E-06	1.16E-06	2.24E-03	5.55E-04	4.79E-03	1.18E-03	4.75E-03	1.17E-03	4.47E-03	1.10E-03	5.84E-03	1.44E-03	5.84E-03	1.44E-03	8.32E-03	2.04E-03	4.79E-03	1.18E-03	7.20E-05	1.61E-05	4.48E-03	1.10E-03	4.93E-05	1.10E-05	4.49E-03	1.10E-03	5.34E-01	1.07E-01	1.02E+00	1.62E-01
1342	Gridded	4.98E-03	1.26E-03	5.86E-06	1.32E-06	2.50E-03	6.36E-04	5.31E-03	1.35E-03	5.26E-03	1.34E-03	4.96E-03	1.26E-03	6.54E-03	1.64E-03	6.54E-03	1.64E-03	9.23E-03	2.34E-03	5.31E-03	1.35E-03	8.12E-05	1.83E-05	4.97E-03	1.26E-03	5.56E-05	1.25E-05	4.99E-03	1.27E-03	6.17E-01	1.18E-01	1.46E+00	1.77E-01
1343	Gridded	5.29E-03	1.37E-03	6.31E-06	1.43E-06	2.66E-03	6.87E-04	5.64E-03	1.46E-03	5.59E-03	1.45E-03	5.27E-03	1.36E-03	6.97E-03	1.78E-03	6.97E-03	1.78E-03	9.81E-03	2.53E-03	5.64E-03	1.46E-03	8.75E-05	1.99E-05	5.28E-03	1.36E-03	5.99E-05	1.36E-05	5.30E-03	1.37E-03	6.25E-01	1.15E-01	1.62E+00	1.60E-01
1344	Gridded	5.59E-03	1.48E-03	6.71E-06	1.58E-06	2.78E-03	7.46E-04	5.95E-03	1.59E-03	5.90E-03	1.57E-03	5.57E-03	1.48E-03	7.30E-03	1.93E-03	7.30E-03	1.93E-03	1.04E-02	2.75E-03	5.95E-03	1.59E-03	9.31E-05	2.19E-05	5.58E-03	1.48E-03	6.37E-05	1.50E-05	5.60E-03	1.49E-03	6.27E-01	1.11E-01	1.70E+00	1.55E-01
1345	Gridded	5.52E-03	1.54E-03	6.91E-06	1.70E-06	2.73E-03	7.72E-04	5.87E-03	1.64E-03	5.82E-03	1.63E-03	5.50E-03	1.53E-03	7.03E-03	1.99E-03	7.03E-03	1.99E-03	1.02E-02	2.85E-03	5.87E-03	1.64E-03	9.59E-05	2.36E-05	5.51E-03	1.53E-03	6.56E-05	1.61E-05	5.52E-03	1.54E-03	5.34E-01	1.08E-01	1.35E+00	1.43E-01
1346	Gridded	5.53E-03	1.64E-03	7.82E-06	1.94E-06	2.72E-03	8.23E-04	5.86E-03	1.76E-03	5.82E-03	1.74E-03	5.52E-03	1.64E-03	6.97E-03	2.14E-03	6.97E-03	2.14E-03	1.03E-02	3.04E-03	5.86E-03	1.76E-03	1.08E-04	2.69E-05	5.53E-03	1.64E-03	7.42E-05	1.84E-05	5.54E-03	1.64E-03	5.36E-01	1.19E-01	1.35E+00	1.38E-01
1347	Gridded	7.31E-03	1.83E-03	8.53E-06	2.27E-06	3.57E-03	9.43E-04	7.73E-03	1.98E-03	7.67E-03	1.96E-03	7.29E-03	1.82E-03	9.10E-03	2.48E-03	9.10E-03	2.48E-03	1.36E-02	3.38E-03	7.73E-03	1.98E-03	1.18E-04	3.15E-05	7.30E-03	1.82E-03	8.09E-05	2.15E-05	7.32E-03	1.83E-03	6.43E-01	1.35E-01	1.36E+00	1.26E-01
1348	Gridded	8.26E-03	2.07E-03	9.40E-06	2.62E-06	4.02E-03	1.07E-03	8.72E-03	2.24E-03	8.66E-03	2.22E-03	8.24E-03	2.06E-03	1.02E-02	2.82E-03	1.02E-02	2.82E-03	1.53E-02	3.83E-03	8.72E-03	2.24E-03	1.30E-04	3.63E-05	8.25E-03	2.06E-03	8.92E-05	2.48E-05	8.27E-03	2.07E-03	6.87E-01	1.49E-01	9.20E-01	1.62E-01
1349	Gridded	7.19E-03	2.13E-03	1.09E-05	2.84E-06	3.57E-03	1.11E-03	7.64E-03	2.32E-03	7.57E-03	2.29E-03	7.17E-03	2.12E-03	9.67E-03	2.92E-03	9.67E-03	2.92E-03	1.33E-02	3.95E-03	7.64E-03	2.32E-03	1.52E-04	3.94E-05	7.18E-03	2.13E-03	1.04E-04	2.70E-05	7.20E-03	2.14E-03	6.26E-01	1.57E-01	1.50E+00	2.05E-01
1350	Gridded	6.04E-03	1.72E-03	1.08E-05	2.98E-06	3.12E-03	9.19E-04	6.49E-03	1.86E-03	6.43E-03	1.84E-03	6.01E-03	1.71E-03	8.44E-03	2.51E-03	8.44E-03	2.51E-03	1.12E-02	3.18E-03	6.49E-03	1.86E-03	1.49E-04	4.13E-05	6.03E-03	1.71E-03	1.02E-04	2.83E-05	6.04E-03	1.72E-03	7.20E-01	2.01E-01	1.61E+00	1.99E-01
1351	Gridded	7.55E-03	1.37E-03	7.56E-06	1.40E-06	3.45E-03	6.63E-04	7.76E-03	1.44E-03	7.73E-03	1.43E-03	7.54E-03	1.36E-03	8.42E-03	1.68E-03	8.42E-03	1.68E-03	1.40E-02	2.53E-03	7.76E-03	1.44E-03	1.05E-04	1.95E-05	7.55E-03	1.36E-03	7.18E-05	1.33E-05	7.55E-03	1.37E-03	7.35E-01	2.10E-01	9.14E-01	2.16E-01
1352	Gridded	9.54E-02	1.08E-02	7.88E-06	7.20E-07	4.09E-02	4.62E-03	9.54E-02	1.08E-02	9.54E-02	1.08E-02	9.54E-02	1.08E-02	9.54E-02	1.08E-02	9.54E-02	1.08E-02	1.77E-01	2.00E-02	9.54E-02	1.08E-02	1.09E-04	9.98E-06	9.54E-02	1.08E-02	7.48E-05	6.83E-06	9.54E-02	1.08E-02	1.77E+00	2.04E-01	1.44E+00	1.08E-01
1353	Gridded	7.73E-02	7.92E-03	7.95E-06	1.15E-06	3.34E-02	3.42E-03	7.76E-02	7.95E-03	7.75E-02	7.95E-03	7.73E-02	7.92E-03	7.83E-02	8.04E-03	7.83E-02	8.04E-03	1.44E-01	1.47E-02	7.76E-02	7.95E-03	1.10E-04	1.60E-05	7.73E-02	7.92E-03	7.54E-05	1.10E-05	7.73E-02	7.92E-03	2.05E+00	2.04E-01	4.16E+00	2.04E-01
1354	Gridded	2.54E-02	3.53E-03	1.78E-05	2.61E-06	1.21E-02	1.70E-03	2.65E-02	3.71E-03	2.64E-02	3.68E-03	2.53E-02	3.52E-03	3.04E-02	4.28E-03	3.04E-02	4.28E-03	4.70E-02	6.55E-03	2.65E-02	3.71E-03	2.47E-04	3.62E-05	2.53E-02	3.53E-03	1.69E-04	2.48E-05	2.54E-02	3.53E-03	1.24E+00	1.82E-01	3.07E+00	1.91E-01
1355	Gridded	1.42E-02	1.74E-03	1.60E-05	1.90E-06	6.74E-03	8.56E-04	1.48E-02	1.83E-03	1.47E-02	1.82E-03	1.42E-02	1.74E-03	1.68E-02	2.23E-03	1.68E-02	2.23E-03	2.64E-02	3.23E-03	1.48E-02	1.83E-03	2.21E-04	2.64E-05	1.42E-02	1.74E-03	1.51E-04	1.80E-05	1.42E-02	1.74E-03	1.21E+00	1.56E-01	1.53E+00	1.94E-01
1356	Gridded	1.18E-02	1.44E-03	1.39E-05	1.56E-06	5.84E-03	7.22E-04	1.26E-02	1.54E-03	1.25E-02	1.52E-03	1.18E-02	1.43E-03	1.50E-02	1.87E-03	1.50E-02	1.87E-03	2.19E-02	2.66E-03	1.26E-02	1.54E-03	1.92E-04	2.17E-05	1.18E-02	1.43E-03	1.32E-04	1.48E-05	1.18E-02	1.44E-03	7.00E-01	1.28E-01	1.14E+00	1.32E-01
1357	Gridded	8.75E-03	1.14E-03	1.16E-05	1.35E-06	4.40E-03	5.85E-04	9.37E-03	1.23E-03	9.28E-03	1.22E-03	8.71E-03	1.14E-03	1.14E-02	1.53E-03	1.14E-02	1.53E-03	1.62E-02	2.12E-03	9.37E-03	1.23E-03	1.61E-04	1.87E-05	8.73E-03	1.14E-03	1.10E-04	1.28E-05	8.76E-03	1.15E-03	5.65E-01	9.70E-02	7.54E-01	1.05E-01
1358	Gridded	7.52E-03	1.07E-03	1.05E-05	1.22E-06	3.92E-03	5.43E-04	8.18E-03	1.15E-03	8.09E-03	1.14E-03	7.48E-03	1.06E-03	1.04E-02	1.42E-03	1.04E-02	1.42E-03	1.39E-02	1.97E-03	8.18E-03	1.15E-03	1.46E-04	1.69E-05	7.51E-03	1.06E-03	9.99E-05	1.16E-05	7.53E-03	1.07E-03	5.56E-01	8.00E-02	1.29E+00	1.08E-01
1359	Gridded	6.80E-03	8.02E-04	9.07E-06	9.10E-07	3.56E-03	4.08E-04	7.41E-03	8.64E-04	7.33E-03	8.55E-04	6.77E-03	7.99E-04	9.40E-03	1.06E-03	9.40E-03	1.06E-03	1.26E-02	1.49E-03	7.41E-03	8.64E-04	1.26E-04	1.26E-05	6.79E-03	8.01E-04	8.60E-05	8.63E-06	6.81E-03	8.03E-04	5.05E-01	5.72E-02	6.99E-01	7.98E-02
1360	Gridded	6.07E-03	6.58E-04	7.84E-06	7.38E-07	3.15E-03	3.34E-04	6.59E-03	7.08E-04	6.52E-03	7.01E-04	6.04E-03	6.56E-04	8.31E-03	8.70E-04	8.31E-03	8.70E-04	1.12E-02	1.22E-03	6.59E-03	7.08E-04	1.09E-04	1.02E-05	6.05E-03	6.57E-04	7.44E-05	7.01E-06	6.07E-03	6.59E-04	4.55E-01	4.48E-02	5.85E-01	7.29E-02
1361	Gridded	5.37E-03	6.12E-04	6.82E-06	6.34E-07	2.78E-03	2.98E-04	5.83E-03	6.46E-04	5.77E-03	6.42E-04	5.35E-03	6.10E-04	7.32E-03	7.58E-04	7.32E-03	7.58E-04	9.94E-03	1.13E-03	5.83E-03	6.46E-04	9.46E-05	8.79E-06	5.36E-03	6.11E-04	6.47E-05	6.01E-06	5.38E-03	6.12E-04	4.13E-01	4.50E-02	5.55E-01	8.06E-02
1362	Gridded	4.75E-03	5.98E-04	5.92E-06	5.67E-07	2.46E-03	2.92E-04	5.15E-03	6.32E-04	5.10E-03	6.27E-04	4.73E-03	5.96E-04	6.45E-03	7.43E-04	6.45E-03	7.43E-04	8.80E-03	1.11E-03	5.15E-03	6.32E-04	8.21E-05	7.86E-06	4.74E-03	5.97E-04	5.62E-05	5.38E-06	4.76E-03	5.98E-04	3.75E-01	4.64E-02	5.98E-01	8.35E-02
1363	Gridded	4.18E-03	5.88E-04	5.15E-06	5.89E-07	2.16E-03	2.88E-04	4.53E-03	6.23E-04	4.48E-03	6.18E-04	4.17E-03	5.86E-04	5.66E-03	7.34E-04	5.66E-03	7.34E-04	7.75E-03	1.09E-03	4.53E-03	6.23E-04	7.14E-05	8.17E-06	4.18E-03	5.88E-04	4.88E-05	5.59E-06	4.19E-03	5.89E-04	3.90E-01	5.18E-02	7.16E-01	9.26E-02
1364	Gridded	4.12E-03	5.63E-04	5.20E-06	6.20E-07	2.13E-03	2.76E-04	4.47E-03	5.96E-04	4.42E-03	5.91E-04	4.10E-03	5.61E-04	5.60E-03	7.03E-04	5.60E-03	7.03E-04	7.62E-03	1.04E-03	4.47E-03	5.96E-04	7.21E-05	8.60E-06	4.11E-03	5.62E-04	4.93E-05	5.89E-06	4.12E-03	5.63E-04	4.22E-01	5.35E-02	7.79E-01	9.38E-02
1365	Gridded	5.35E-03	6.11E-04	6.90E-06	7.71E-07	2.78E-03	3.16E-04	5.82E-03	6.63E-04	5.75E-03	6.56E-04	5.33E-03	6.08E-04	7.33E-03	8.32E-04	7.33E-03	8.32E-04	9.91E-03	1.13E-03	5.82E-03	6.63E-04	9.57E-05	1.07E-05	5.34E-03	6.10E-04	6.55E-05	7.31E-06	5.36E-03	6.12E-04	5.26E-01	6.36E-02	9.97E-01	1.09E-01
1366	Gridded	4.57E-03	5.55E-04	6.05E-06	6.83E-07	2.39E-03	2.86E-04	4.98E-03	6.01E-04	4.92E-03	5.95E-04	4.55E-03	5.53E-04	6.30E-03	7.51E-04	6.30E-03	7.51E-04	8.46E-03	1.03E-03	4.98E-03	6.01E-04	8.39E-05	9.47E-06	4.56E-03	5.54E-04	5.74E-05	6.48E-06	4.57E-03	5.56E-04	4.80E-01	5.65E-02	9.32E-01	9.47E-02
1367	Gridded	4.64E-03	5.62E-04	5.92E-06	6.74E-07	2.41E-03	2.88E-04	5.04E-03	6.07E-04	4.99E-03	6.01E-04	4.62E-03	5.59E-04	6.34E-03	7.55E-04	6.34E-03	7.55E-04	8.60E-03	1.04E-03	5.04E-03	6.07E-04	8.22E-05	9.34E-06	4.64E-03	5.61E-04	5.62E-05	6.39E-06	4.65E-03	5.62E-04	4.90E-01	5.59E-02	9.97E-01	9.21E-02
1368	Gridded	4.65E-03	4.92E-04	5.90E-06	5.83E-07	2.41E-03	2.52E-04	5.05E-03	5.31E-04	4.99E-03	5.26E-04	4.63E-03	4.90E-04	6.34E-03	6.59E-04	6.34E-03	6.59E-04	8.61E-03	9.11E-04	5.05E-03	5.31E-04	8.18E-05	8.09E-06	4.64E-03	4.91E-04	5.60E-05	5.53E-06	4.65E-03	4.92E-04	4.52E-01	5.07E-02	9.99E-01	8.33E-02
1369	Gridded	4.56E-03	3.78E-04	5.78E-06	3.63E-07	2.36E-03	1.86E-04	4.95E-03	4.02E-04	4.90E-03	3.98E-04	4.54E-03	3.77E-04	6.21E-03	4.77E-04	6.21E-03	4.77E-04	8.44E-03	7.01E-04	4.95E-03	4.02E-04	8.01E-05	5.03E-06	4.55E-03	3.78E-04	5.48E-05	3.44E-06	4.56E-03	3.79E-04	3.22E-01	3.68E-02	7.95E-01	6.19E-02
1370	Gridded	4.43E-03	3.64E-04	5.62E-06	4.02E-07	2.29E-03	1.80E-04	4.81E-03	3.87E-04	4.75E-03	3.84E-04	4.40E-03	3.63E-04	6.03E-03	4.60E-04	6.03E-03	4.60E-04	8.19E-03	6.75E-04	4.81E-03	3.87E-04	7.79E-05	5.57E-06	4.42E-03	3.64E-04	5.33E-05	3.81E-06	4.43E-03	3.65E-04	3.97E-01	4.34E-02	9.84E-01	7.35E-02
1371	Gridded	4.25E-03	3.45E-04	5.39E-06	4.11E-07	2.20E-03	1.70E-04	4.62E-03	3.67E-04	4.56E-03	3.64E-04	4.23E-03	3.44E-04	5.80E-03	4.37E-04	5.80E-03	4.37E-04	7.87E-03	6.40E-04	4.62E-03	3.67E-04	7.48E-05	5.70E-06	4.24E-03	3.45E-04	5.12E-05	3.90E-06	4.26E-03	3.45E-04	4.54E-01	4.76E-02	1.10E+00	8.17E-02
1372	Gridded	4.02E-03	3.31E-04	5.09E-06	4.35E-07	2.08E-03	1.70E-04	4.37E-03	3.54E-04	4.32E-03	3.49E-04	4.00E-03	3.29E-04	5.48E-03	4.49E-04	5.48E-03	4.49E-04	7.45E-03	6.13E-04	4.37E-03	3.54E-04	7.05E-05	6.03E-06	4.02E-03	3.30E-04	4.83E-05	4.12E-06	4.03E-03	3.31E-04	5.10E-01	5.22E-02	1.21E+00	9.15E-02
1373	Gridded	3.96E-03	3.59E-04	5.17E-06	4.74E-07	2.06E-03	1.87E-04	4.31E-03	3.91E-04	4.26E-03	3.87E-04	3.94E-03	3.57E-04	5.44E-03	4.95E-04	5.44E-03	4.95E-04	7.33E-03	6.65E-04	4.31E-03	3.91E-04	7.17E-05	6.58E-06	3.95E-03	3.59E-04	4.91E-05	4.50E-06	3.96E-03	3.60E-04	5.41E-01	5.54E-02	1.24E+00	9.59E-02
1374	Gridded	4.41E-03	3.83E-04	5.62E-06	5.25E-07	2.29E-03	1.98E-04	4.79E-03	4.16E-04	4.74E-03	4.11E-04	4.39E-03	3.82E-04	6.02E-03	5.22E-04	6.02E-03	5.22E-04	8.17E-03	7.10E-04	4.79E-03	4.16E-04	7.80E-05	7.28E-06	4.40E-03	3.83E-04	5.34E-05	4.98E-06	4.42E-03	3.84E-04	5.41E-01	5.49E-02	1.14E+00	9.04E-02
1375	Gridded	5.66E-03	5.48E-04	6.49E-06	7.34E-07	2.88E-03	2.72E-04	6.10E-03	5.83E-04	6.03E-03	5.78E-04	5.63E-03	5.46E-04	7.52E-03	6.98E-04	7.52E-03	6.98E-04	1.05E-02	1.02E-03	6.10E-03	5.83E-04	9.01E-05	1.02E-05	5.65E-03	5.47E-04	6.16E-05	6.97E-06	5.66E-03	5.48E-04	5.39E-01	5.59E-02	1.06E+00	8.71E-02
1376	Gridded	4.06E-03	3.53E-04	5.05E-06	5.33E-07	2.10E-03	1.89E-04	4.40E-03	3.89E-04	4.35E-03	3.84E-04	4.04E-03	3.51E-04	5.51E-03	5.06E-04	5.51E-03	5.06E-04	7.52E-03	6.53E-04	4.40E-03	3.89E-04	7.00E-05	7.39E-06	4.05E-03	3.52E-04	4.79E-05	5.06E-06	4.07E-03	3.54E-04	4.36E-01	4.24E-02	8.23E-01	6.69E-02
1377	Gridded	3.72E-03	3.45E-04	5.16E-06	5.29E-07	1.96E-03	1.85E-04	4.07E-03	3.81E-04	4.02E-03	3.76E-04	3.70E-03	3.43E-04	5.20E-03	4.97E-04	5.20E-03	4.97E-04	6.89E-03	6.38E-04	4.07E-03	3.81E-04	7.16E-05	7.34E-06	3.72E-03	3.44E-04	4.90E-05	5.02E-06	3.73E-03	3.45E-04	3.91E-01	3.80E-02	6.90E-01	5.88E-02
1378	Gridded	5.02E-03	8.54E-04	5.56E-06	7.09E-07	2.55E-03	4.16E-04	5.40E-03	9.02E-04	5.35E-03	8.96E-04	5.00E-03	8.52E-04	6.62E-03	1.06E-03	6.62E-03	1.06E-03	9.30E-03	1.58E-03	5.40E-03	9.02E-04	7.71E-05	9.83E-06	5.01E-03	8.53E-04	5.28E-05	6.73E-06	5.03E-03	8.55E-04	4.06E-01	7.97E-02	9.17E-01	1.43E-01
1379	Gridded	4.30E-03	8.05E-04	4.89E-06	6.69E-07	2.19E-03	3.92E-04	4.63E-03	8.50E-04	4.59E-03	8.44E-04	4.28E-03	8.02E-04	5.70E-03	9.97E-04	5.70E-03	9.97E-04	7.97E-03	1.49E-03	4.63E-03	8.50E-04	6.78E-05	9.28E-06	4.29E-03	8.04E-04	4.64E-05	6.35E-06	4.31E-03	8.05E-04	3.98E-01	7.58E-02	9.68E-01	1.33E-01
1380	Gridded	3.92E-03	7.80E-04	4.52E-06	6.50E-07	2.00E-03	3.80E-04	4.23E-03	8.24E-04	4.18E-03	8.18E-04	3.90E-03	7.78E-04	5.21E-03	9.67E-04	5.21E-03	9.67E-04	7.26E-03	1.45E-03	4.23E-03	8.24E-04	6.26E-05	9.02E-06	3.91E-03	7.80E-04	4.28E-05	6.17E-06	3.92E-03	7.81E-04	4.03E-01	7.22E-02	9.91E-01	1.24E-01
1381	Gridded	4.93E-03	8.63E-04	5.34E-06	7.09E-07	2.49E-03	4.20E-04	5.29E-03	9.11E-04	5.24E-03	9.04E-04	4.91E-03	8.60E-04	6.46E-03	1.07E-03	6.46E-03	1.07E-03	9.13E-03	1.60E-03	5.29E-03	9.11E-04	7.41E-05	9.83E-06	4.92E-03	8.62E-04	5.07E-05	6.73E-06	4.93E-03	8.63E-04	4.61E-01	7.95E-02	1.08E+00	1.38E-01
1382	Gridded	4.97E-03	8.75E-04	5.30E-06	7.16E-07	2.50E-03	4.26E-04	5.33E-03	9.23E-04	5.28E-03	9.16E-04	4.95E-03	8.72E-04	6.49E-03	1.08E-03	6.49E-03	1.08E-03	9.21E-03	1.62E-03	5.33E-03	9.23E-04	7.35E-05	9.93E-06	4.96E-03	8.74E-04	5.03E-05	6.80E-06	4.97E-03	8.75E-04	4.79E-01	8.16E-02	1.07E+00	1.40E-01
1383	Gridded	4.09E-03	8.20E-04	4.57E-06	6.77E-07	2.07E-03	3.99E-04	4.39E-03	8.66E-04	4.35E-03	8.59E-04	4.08E-03	8.17E-04	5.37E-03	1.01E-03	5.37E-03	1.01E-03	7.58E-03	1.52E-03	4.39E-03	8.66E-04	6.34E-05	9.39E-06	4.09E-03	8.19E-04	4.34E-05	6.43E-06	4.10E-03	8.20E-04	4.59E-01	7.74E-02	9.80E-01	1.31E-01
1384	Gridded	3.20E-03	7.58E-04	3.81E-06	6.37E-07	1.63E-03	3.70E-04	3.45E-03	8.01E-04	3.41E-03	7.95E-04	3.19E-03	7.56E-04	4.24E-03	9.40E-04	4.24E-03	9.40E-04	5.93E-03	1.41E-03	3.45E-03	8.01E-04	5.28E-05	8.83E-06	3.20E-03	7.57E-04	3.61E-05	6.04E-06	3.20E-03	7.59E-04	4.32E-01	7.17E-02	8.52E-01	1.19E-01
1385	Gridded	2.93E-03	6.87E-04	3.04E-06	6.08E-07	1.26E-03	3.36E-04	2.93E-03	7.27E-04	2.93E-03	7.21E-04	2.93E-03	6.85E-04	3.13E-03	8.56E-04	3.13E-03	8.56E-04	5.45E-03	1.27E-03	2.93E-03	7.27E-04	4.21E-05	8.44E-06	2.93E-03	6.86E-04	2.88E-05	5.77E-06	2.93E-03	6.88E-04	3.83E-01	6.45E-02	6.59E-01	1.04E-01
1386	Gridded	2.91E-03	5.87E-04	2.72E-06	5.59E-07	1.25E-03	2.89E-04	2.91E-03	6.22E-04	2.91E-03	6.17E-04	2.91E-03	5.85E-04	3.16E-03	7.37E-04	3.16E-03	7.37E-04	5.40E-03	1.09E-03	2.91E-03	6.22E-04	3.77E-05	7.75E-06	2.91E-03	5.86E-04	2.58E-05	5.30E-06	2.91E-03	5.87E-04	2.97E-01	5.56E-02	5.15E-01	8.23E-02
1387	Gridded	2.92E-03	5.44E-04	2.90E-06	5.58E-07	1.28E-03	2.69E-04	2.92E-03	5.78E-04	2.92E-03	5.73E-04	2.92E-03	5.42E-04	3.34E-03	6.88E-04	3.34E-03	6.88E-04	5.43E-03	1.01E-03	2.92E-03	5.78E-04	4.02E-05	7.74E-06	2.92E-03	5.44E-04	2.75E-05	5.29E-06	2.92E-03	5.45E-04	2.62E-01	5.71E-02	6.00E-01	7.99E-02
1388	Gridded	2.95E-03	5.11E-04	3.31E-06	5.66E-07	1.47E-03	2.53E-04	3.11E-03	5.44E-04	3.08E-03	5.39E-04	2.95E-03	5.09E-04	3.84E-03	6.60E-04	3.84E-03	6.60E-04	5.49E-03	9.47E-04	3.11E-03	5.44E-04	4.59E-05	7.85E-06	2.95E-03	5.10E-04	3.14E-05	5.37E-06	2.95E-03	5.11E-04	2.89E-01	5.94E-02	6.20E-01	8.00E-02
1389	Gridded	3.30E-03	5.11E-04	3.91E-06	5.70E-07	1.69E-03	2.59E-04	3.56E-03	5.50E-04	3.52E-03	5.44E-04	3.28E-03	5.09E-04	4.42E-03	6.74E-04	4.42E-03	6.74E-04	6.10E-03	9.47E-04	3.56E-03	5.50E-04	5.43E-05	7.91E-06	3.29E-03	5.10E-04	3.71E-05	5.41E-06	3.30E-03	5.12E-04	2.80E-01	5.95E-02	5.92E-01	7.70E-02
1390	Gridded	3.71E-03	5.36E-04	4.59E-06	5.94E-07	1.91E-03	2.72E-04	4.02E-03	5.76E-04	3.97E-03	5.71E-04	3.69E-03	5.34E-04	5.02E-03	7.07E-04	5.02E-03	7.07E-04	6.87E-03	9.93E-04	4.02E-03	5.76E-04	6.36E-05	8.24E-06	3.70E-03	5.35E-04	4.35E-05	5.64E-06	3.71E-03	5.37E-04	2.80E-01	6.18E-02	5.87E-01	7.60E-02
1391	Gridded	4.45E-03	6.11E-04	5.60E-06	7.09E-07	2.30E-03	3.12E-04	4.83E-03	6.59E-04	4.78E-03	6.52E-04	4.43E-03	6.09E-04	6.06E-03	8.14E-04	6.06E-03	8.14E-04	8.25E-03	1.13E-03	4.83E-03	6.59E-04	7.77E-05	9.84E-06	4.45E-03	6.10E-04	5.32E-05	6.73E-06	4.46E-03	6.12E-04	3.82E-01	7.65E-02	9.12E-01	8.83E-02
1392	Gridded	4.71E-03	6.36E-04	6.09E-06	7.36E-07	2.45E-03	3.24E-04	5.12E-03	6.85E-04	5.06E-03	6.79E-04	4.68E-03	6.33E-04	6.45E-03	8.47E-04	6.45E-03	8.47E-04	8.71E-03	1.18E-03	5.12E-03	6.85E-04	8.44E-05	1.02E-05	4.70E-03	6.35E-04	5.78E-05	6.98E-06	4.71E-03	6.36E-04	4.01E-01	7.81E-02	8.63E-01	9.24E-02
1393	Gridded	4.85E-03	6.79E-04	6.37E-06	8.19E-07	2.53E-03	3.48E-04	5.28E-03	7.33E-04	5.22E-03	7.26E-04	4.82E-03	6.76E-04	6.67E-03	9.08E-04	6.67E-03	9.08E-04	8.97E-03	1.26E-03	5.28E-03	7.33E-04	8.83E-05	1.14E-05	4.84E-03	6.78E-04	6.04E-05	7.78E-06	4.85E-03	6.80E-04	4.90E-01	8.16E-02	9.37E-01	1.10E-01
1394	Gridded	4.81E-03	7.01E-04	5.69E-06	7.92E-07	2.41E-03	3.56E-04	5.14E-03	7.54E-04	5.09E-03	7.47E-04	4.79E-03	6.98E-04	6.21E-03	9.27E-04	6.21E-03	9.27E-04	8.91E-03	1.30E-03	5.14E-03	7.54E-04	7.89E-05	1.10E-05	4.80E-03	6.99E-04	5.40E-05	7.52E-06	4.81E-03	7.01E-04	4.32E-01	7.42E-02	7.86E-01	9.47E-02
1395	Gridded	4.71E-03	7.44E-04	5.86E-06	1.01E-06	2.33E-03	3.84E-04	5.01E-03	7.99E-04	4.97E-03	7.91E-04	4.69E-03	7.41E-04	5.98E-03	1.02E-03	5.98E-03	1.02E-03	8.73E-03	1.38E-03	5.01E-03	7.99E-04	8.12E-05	1.40E-05	4.70E-03	7.42E-04	5.56E-05	9.55E-06	4.71E-03	7.44E-04	3.90E-01	6.94E-02	6.93E-01	9.37E-02
1396	Gridded	5.75E-03	9.57E-04	7.36E-06	1.36E-06	2.98E-03	5.06E-04	6.25E-03	1.05E-03	6.18E-03	1.04E-03	5.72E-03	9.52E-04	7.86E-03	1.35E-03	7.86E-03	1.35E-03	1.06E-02	1.77E-03	6.25E-03	1.05E-03	1.02E-04	1.88E-05	5.74E-03	9.55E-04	6.98E-05	1.29E-05	5.76E-03	9.58E-04	4.96E-01	8.14E-02	8.63E-01	1.55E-01
1397	Gridded	7.70E-03	1.21E-03	8.47E-06	1.71E-06	3.90E-03	6.39E-04	8.28E-03	1.32E-03	8.20E-03	1.31E-03	7.67E-03	1.20E-03	1.01E-02	1.70E-03	1.01E-02	1.70E-03	1.43E-02	2.24E-03	8.28E-03	1.32E-03	1.17E-04	2.37E-05	7.69E-03	1.21E-03	8.04E-05	1.62E-05	7.71E-03	1.21E-03	6.06E-01	1.03E-01	1.01E+00	1.31E-01
1398	Gridded	7.82E-03	1.30E-03	9.82E-06	1.72E-06	3.75E-03	6.81E-04	8.20E-03	1.42E-03	8.15E-03	1.40E-03	7.80E-03	1.30E-03	9.45E-03	1.80E-03	9.45E-03	1.80E-03	1.45E-02	2.42E-03	8.20E-03	1.42E-03	1.36E-04	2.39E-05	7.81E-03	1.30E-03	9.32E-05	1.64E-05	7.82E-03	1.31E-03	6.53E-01	1.17E-01	7.95E-01	1.69E-01
1399	Gridded	7.55E-03	1.25E-03	1.26E-05	1.64E-06	3.77E-03	6.31E-04	8.06E-03	1.34E-03	7.98E-03	1.33E-03	7.52E-03	1.24E-03	1.01E-02	1.64E-03	1.01E-02	1.64E-03	1.40E-02	2.31E-03	8.06E-03	1.34E-03	1.74E-04	2.27E-05	7.54E-03	1.25E-03	1.19E-04	1.55E-05	7.55E-03	1.25E-03	7.10E-01	1.32E-01	9.09E-01	2.30E-01
1400	Gridded	7.90E-03	1.46E-03	1.02E-05	1.90E-06	3.98E-03	7.46E-04	8.46E-03	1.57E-03	8.38E-03	1.56E-03	7.86E-03	1.45E-03	1.03E-02	1.95E-03	1.03E-02	1.95E-03	1.46E-02	2.70E-03	8.46E-03	1.57E-03	1.41E-04	2.63E-05	7.88E-03	1.45E-03	9.67E-05	1.80E-05	7.90E-03	1.46E-03	7.48E-01	2.38E-01	9.74E-01	2.64E-01
1401	Gridded	9.28E-03	1.31E-03	1.23E-05	1.80E-06	4.67E-03	6.91E-04	9.94E-03	1.44E-03	9.85E-03	1.42E-03	9.24E-03	1.31E-03	1.21E-02	1.83E-03	1.21E-02	1.83E-03	1.72E-02	2.43E-03	9.94E-03	1.44E-03	1.71E-04	2.50E-05	9.26E-03	1.31E-03	1.17E-04	1.71E-05	9.29E-03	1.32E-03	8.97E-01	1.78E-01	1.47E+00	1.95E-01
1402	Gridded	1.03E-02	1.68E-03	1.54E-05	2.32E-06	4.91E-03	8.82E-04	1.07E-02	1.84E-03	1.07E-02	1.81E-03	1.02E-02	1.67E-03	1.23E-02	2.33E-03	1.23E-02	2.33E-03	1.90E-02	3.11E-03	1.07E-02	1.84E-03	2.14E-04	3.22E-05	1.02E-02	1.68E-03	1.46E-04	2.20E-05	1.03E-02	1.68E-03	9.95E-01	3.07E-01	9.42E-01	2.87E-01
1403	Gridded	1.29E-02	1.43E-03	1.02E-05	1.30E-06	5.53E-03	6.66E-04	1.29E-02	1.48E-03	1.29E-02	1.47E-03	1.29E-02	1.43E-03	1.29E-02	1.65E-03	1.29E-02	1.65E-03	2.39E-02	2.65E-03	1.29E-02	1.48E-03	1.42E-04	1.80E-05	1.29E-02	1.43E-03	9.71E-05	1.23E-05	1.29E-02	1.43E-03	1.15E+00	2.11E-01	1.00E+00	2.00E-01
1404	Gridded	1.38E-02	9.19E-04	9.34E-06	1.12E-06	6.51E-03	4.37E-04	1.44E-02	9.60E-04	1.43E-02	9.54E-04	1.38E-02	9.17E-04	1.62E-02	1.09E-03	1.62E-02	1.09E-03	2.57E-02	1.70E-03	1.44E-02	9.60E-04	1.30E-04	1.56E-05	1.38E-02	9.18E-04	8.86E-05	1.06E-05	1.38E-02	9.20E-04	9.62E-01	1.85E-01	1.32E+00	1.63E-01
1405	Gridded	7.18E-03	1.04E-03	8.59E-06	1.79E-06	3.57E-03	5.72E-04	7.63E-03	1.16E-03	7.56E-03	1.14E-03	7.15E-03	1.03E-03	9.36E-03	1.55E-03	9.36E-03	1.55E-03	1.33E-02	1.92E-03	7.63E-03	1.16E-03	1.19E-04	2.48E-05	7.17E-03	1.04E-03	8.15E-05	1.70E-05	7.18E-03	1.04E-03	1.69E+00	1.32E-01	2.62E+00	1.47E-01
1406	Gridded	9.83E-03	1.30E-03	1.03E-05	1.43E-06	4.92E-03	6.60E-04	1.05E-02	1.40E-03	1.04E-02	1.39E-03	9.79E-03	1.30E-03	1.27E-02	1.71E-03	1.27E-02	1.71E-03	1.82E-02	2.42E-03	1.05E-02	1.40E-03	1.43E-04	1.99E-05	9.81E-03	1.30E-03	9.79E-05	1.36E-05	9.84E-03	1.31E-03	1.25E+00	2.24E-01	6.05E+00	2.72E-01
1407	Gridded	1.10E-02	1.06E-03	1.09E-05	1.17E-06	5.47E-03	5.31E-04	1.17E-02	1.13E-03	1.16E-02	1.12E-03	1.09E-02	1.06E-03	1.41E-02	1.37E-03	1.41E-02	1.37E-03	2.03E-02	1.96E-03	1.17E-02	1.13E-03	1.51E-04	1.63E-05	1.10E-02	1.06E-03	1.04E-04	1.11E-05	1.10E-02	1.06E-03	9.16E-01	9.85E-02	1.38E+00	1.28E-01
1408	Gridded	9.04E-03	1.01E-03	1.20E-05	9.93E-07	4.47E-03	5.02E-04	9.61E-03	1.08E-03	9.53E-03	1.07E-03	9.01E-03	1.01E-03	1.17E-02	1.29E-03	1.17E-02	1.29E-03	1.67E-02	1.87E-03	9.61E-03	1.08E-03	1.67E-04	1.38E-05	9.03E-03	1.01E-03	1.14E-04	9.43E-06	9.05E-03	1.01E-03	7.82E-01	1.10E-01	1.61E+00	1.16E-01
1409	Gridded	8.09E-03	8.73E-04	9.55E-06	9.66E-07	4.11E-03	4.39E-04	8.67E-03	9.35E-04	8.58E-03	9.26E-04	8.06E-03	8.69E-04	1.08E-02	1.14E-03	1.08E-02	1.14E-03	1.50E-02	1.62E-03	8.67E-03	9.35E-04	1.33E-04	1.34E-05	8.08E-03	8.72E-04	9.07E-05	9.17E-06	8.09E-03	8.74E-04	8.53E-01	1.33E-01	1.30E+00	1.66E-01

Scenario 4 Results

1410	Gridded	6.79E-03	7.44E-04	8.28E-06	8.34E-07	3.43E-03	3.78E-04	7.29E-03	8.01E-04	7.22E-03	7.93E-04	6.76E-03	7.41E-04	8.92E-03	9.84E-04	8.92E-03	9.84E-04	1.26E-02	1.38E-03	7.29E-03	8.01E-04	1.15E-04	1.16E-05	6.78E-03	7.43E-04	7.86E-05	7.92E-06	6.79E-03	7.45E-04	4.38E-01	9.88E-02	9.08E-01	1.44E-01
1411	Gridded	6.53E-03	6.88E-04	7.48E-06	7.14E-07	3.25E-03	3.35E-04	6.96E-03	7.26E-04	6.90E-03	7.21E-04	6.51E-03	6.86E-04	8.36E-03	8.51E-04	8.36E-03	8.51E-04	1.21E-02	1.28E-03	6.96E-03	7.26E-04	1.04E-04	9.91E-06	6.52E-03	6.87E-04	7.10E-05	6.78E-06	6.54E-03	6.88E-04	4.07E-01	6.59E-02	7.41E-01	1.04E-01
1412	Gridded	6.74E-03	6.84E-04	6.69E-06	6.08E-07	3.34E-03	3.35E-04	7.16E-03	7.24E-04	7.10E-03	7.18E-04	6.71E-03	6.82E-04	8.56E-03	8.54E-04	8.56E-03	8.54E-04	1.25E-02	1.27E-03	7.16E-03	7.24E-04	9.28E-05	8.43E-06	6.73E-03	6.83E-04	6.35E-05	5.77E-06	6.74E-03	6.84E-04	3.79E-01	4.98E-02	6.47E-01	9.07E-02
1413	Gridded	6.85E-03	6.45E-04	6.51E-06	5.85E-07	3.38E-03	3.18E-04	7.27E-03	6.85E-04	7.21E-03	6.79E-04	6.83E-03	6.43E-04	8.64E-03	8.13E-04	8.64E-03	8.13E-04	1.27E-02	1.20E-03	7.27E-03	6.85E-04	9.03E-05	8.11E-06	6.84E-03	6.45E-04	6.18E-05	5.55E-06	6.86E-03	6.46E-04	3.40E-01	4.68E-02	5.37E-01	8.94E-02
1414	Gridded	6.81E-03	6.02E-04	6.40E-06	5.53E-07	3.35E-03	2.97E-04	7.22E-03	6.39E-04	7.16E-03	6.34E-04	6.79E-03	6.00E-04	8.54E-03	7.60E-04	8.54E-03	7.60E-04	1.26E-02	1.12E-03	7.22E-03	6.39E-04	8.87E-05	7.67E-06	6.80E-03	6.01E-04	6.07E-05	5.25E-06	6.82E-03	6.02E-04	3.01E-01	4.24E-02	5.14E-01	8.13E-02
1415	Gridded	6.68E-03	5.78E-04	6.34E-06	5.36E-07	3.27E-03	2.86E-04	7.07E-03	6.14E-04	7.01E-03	6.09E-04	6.66E-03	5.76E-04	8.33E-03	7.32E-04	8.33E-03	7.32E-04	1.24E-02	1.07E-03	7.07E-03	6.14E-04	8.79E-05	7.43E-06	6.67E-03	5.77E-04	6.01E-05	5.08E-06	6.69E-03	5.79E-04	3.55E-01	4.11E-02	6.36E-01	7.84E-02
1416	Gridded	6.43E-03	5.23E-04	6.25E-06	4.94E-07	3.13E-03	2.59E-04	6.79E-03	5.57E-04	6.74E-03	5.52E-04	6.41E-03	5.22E-04	7.96E-03	6.65E-04	7.96E-03	6.65E-04	1.19E-02	9.70E-04	6.79E-03	5.57E-04	8.67E-05	6.85E-06	6.42E-03	5.23E-04	5.93E-05	4.69E-06	6.43E-03	5.24E-04	3.95E-01	4.04E-02	5.98E-01	6.36E-02
1417	Gridded	6.18E-03	4.72E-04	6.14E-06	4.91E-07	3.00E-03	2.34E-04	6.51E-03	5.02E-04	6.47E-03	4.98E-04	6.16E-03	4.70E-04	7.60E-03	6.00E-04	7.60E-03	6.00E-04	1.15E-02	8.75E-04	6.51E-03	5.02E-04	8.52E-05	6.81E-06	6.17E-03	4.71E-04	5.83E-05	4.66E-06	6.18E-03	4.72E-04	4.14E-01	4.05E-02	5.57E-01	6.47E-02
1418	Gridded	5.97E-03	4.39E-04	5.99E-06	4.79E-07	2.89E-03	2.22E-04	6.29E-03	4.71E-04	6.24E-03	4.67E-04	5.96E-03	4.37E-04	7.31E-03	5.76E-04	7.31E-03	5.76E-04	1.11E-02	8.13E-04	6.29E-03	4.71E-04	8.31E-05	6.64E-06	5.97E-03	4.38E-04	5.68E-05	4.55E-06	5.98E-03	4.40E-04	4.06E-01	3.84E-02	5.11E-01	6.15E-02
1419	Gridded	5.80E-03	3.60E-04	5.80E-06	3.95E-07	2.80E-03	1.82E-04	6.10E-03	3.86E-04	6.06E-03	3.82E-04	5.79E-03	3.59E-04	7.08E-03	4.73E-04	7.08E-03	4.73E-04	1.08E-02	6.68E-04	6.10E-03	3.86E-04	8.04E-05	5.48E-06	5.80E-03	3.60E-04	5.50E-05	3.75E-06	5.81E-03	3.61E-04	3.53E-01	3.09E-02	3.94E-01	4.90E-02
1420	Gridded	5.66E-03	3.08E-04	5.58E-06	3.19E-07	2.73E-03	1.53E-04	5.96E-03	3.28E-04	5.91E-03	3.25E-04	5.65E-03	3.07E-04	6.90E-03	3.92E-04	6.90E-03	3.92E-04	1.05E-02	5.70E-04	5.96E-03	3.28E-04	7.73E-05	4.43E-06	5.66E-03	3.07E-04	5.29E-05	3.03E-06	5.67E-03	3.08E-04	3.15E-01	2.41E-02	3.59E-01	3.78E-02
1421	Gridded	5.43E-03	3.12E-04	5.33E-06	3.45E-07	2.63E-03	1.58E-04	5.72E-03	3.35E-04	5.68E-03	3.32E-04	5.42E-03	3.11E-04	6.66E-03	4.11E-04	6.66E-03	4.11E-04	1.01E-02	5.78E-04	5.72E-03	3.35E-04	7.39E-05	4.79E-06	5.43E-03	3.11E-04	5.06E-05	3.28E-06	5.44E-03	3.12E-04	3.57E-01	2.53E-02	3.99E-01	3.91E-02
1422	Gridded	5.01E-03	3.14E-04	5.05E-06	3.51E-07	2.44E-03	1.60E-04	5.29E-03	3.38E-04	5.25E-03	3.35E-04	4.99E-03	3.13E-04	6.20E-03	4.15E-04	6.20E-03	4.15E-04	9.28E-03	5.82E-04	5.29E-03	3.38E-04	7.00E-05	4.87E-06	5.00E-03	3.14E-04	4.79E-05	3.33E-06	5.01E-03	3.15E-04	3.94E-01	2.66E-02	4.38E-01	3.77E-02
1423	Gridded	4.42E-03	3.27E-04	4.71E-06	3.71E-07	2.17E-03	1.66E-04	4.68E-03	3.52E-04	4.64E-03	3.48E-04	4.40E-03	3.25E-04	5.53E-03	4.33E-04	5.53E-03	4.33E-04	8.19E-03	6.05E-04	4.68E-03	3.52E-04	6.53E-05	5.15E-06	4.41E-03	3.26E-04	4.47E-05	3.52E-06	4.42E-03	3.27E-04	4.55E-01	2.94E-02	4.71E-01	3.72E-02
1424	Gridded	3.69E-03	4.60E-04	4.30E-06	5.25E-07	1.82E-03	2.34E-04	3.92E-03	4.95E-04	3.89E-03	4.90E-04	3.68E-03	4.58E-04	4.68E-03	6.10E-04	4.68E-03	6.10E-04	6.84E-03	8.52E-04	3.92E-03	4.95E-04	5.96E-05	7.28E-06	3.69E-03	4.59E-04	4.08E-05	4.98E-06	3.69E-03	4.60E-04	5.14E-01	3.30E-02	5.68E-01	4.69E-02
1425	Gridded	6.03E-03	8.58E-04	8.08E-06	9.57E-07	3.16E-03	4.35E-04	6.58E-03	9.23E-04	6.50E-03	9.14E-04	6.00E-03	8.55E-04	8.35E-03	1.13E-03	8.35E-03	1.13E-03	1.12E-02	1.59E-03	6.58E-03	9.23E-04	1.12E-04	1.33E-05	6.02E-03	8.57E-04	7.67E-05	9.08E-06	6.04E-03	8.59E-04	5.20E-01	4.85E-02	6.07E-01	6.96E-02
1426	Gridded	6.82E-03	9.79E-04	9.58E-06	1.08E-06	3.60E-03	4.95E-04	7.47E-03	1.05E-03	7.38E-03	1.04E-03	6.79E-03	9.75E-04	9.57E-03	1.29E-03	9.57E-03	1.29E-03	1.26E-02	1.81E-03	7.47E-03	1.05E-03	1.33E-04	1.49E-05	6.81E-03	9.77E-04	9.09E-05	1.02E-05	6.83E-03	9.80E-04	4.21E-01	4.90E-02	5.47E-01	6.94E-02
1427	Gridded	3.89E-03	5.13E-04	5.89E-06	5.82E-07	2.08E-03	2.61E-04	4.28E-03	5.52E-04	4.23E-03	5.47E-04	3.86E-03	5.11E-04	5.57E-03	6.80E-04	5.57E-03	6.80E-04	7.19E-03	9.50E-04	4.28E-03	5.52E-04	8.17E-05	8.07E-06	3.88E-03	5.12E-04	5.59E-05	5.52E-06	3.89E-03	5.13E-04	3.01E-01	2.81E-02	4.91E-01	4.00E-02
1428	Gridded	3.35E-03	4.58E-04	5.57E-06	5.35E-07	1.83E-03	2.34E-04	3.73E-03	4.94E-04	3.67E-03	4.89E-04	3.33E-03	4.56E-04	4.95E-03	6.11E-04	4.95E-03	6.11E-04	6.20E-03	8.48E-04	3.73E-03	4.94E-04	7.72E-05	7.42E-06	3.34E-03	4.57E-04	5.28E-05	5.08E-06	3.36E-03	4.58E-04	2.89E-01	2.50E-02	4.72E-01	3.34E-02
1429	Gridded	5.44E-03	6.64E-04	5.53E-06	6.42E-07	2.72E-03	3.30E-04	5.81E-03	7.08E-04	5.76E-03	7.02E-04	5.42E-03	6.62E-04	7.02E-03	8.48E-04	7.02E-03	8.48E-04	1.01E-02	1.23E-03	5.81E-03	7.08E-04	7.67E-05	8.90E-06	5.43E-03	6.63E-04	5.25E-05	6.09E-06	5.44E-03	6.65E-04	4.08E-01	6.35E-02	1.04E+00	1.08E-01
1430	Gridded	4.59E-03	6.13E-04	4.90E-06	5.55E-07	2.30E-03	2.99E-04	4.91E-03	6.46E-04	4.86E-03	6.41E-04	4.57E-03	6.12E-04	5.96E-03	7.65E-04	5.96E-03	7.65E-04	8.50E-03	1.14E-03	4.91E-03	6.46E-04	6.79E-05	7.70E-06	4.58E-03	6.13E-04	4.65E-05	5.27E-06	4.59E-03	6.14E-04	4.20E-01	6.01E-02	9.95E-01	1.00E-01
1431	Gridded	3.41E-03	5.57E-04	3.94E-06	5.04E-07	1.72E-03	2.74E-04	3.66E-03	5.91E-04	3.63E-03	5.86E-04	3.40E-03	5.55E-04	4.48E-03	7.02E-04	4.48E-03	7.02E-04	6.32E-03	1.03E-03	3.66E-03	5.91E-04	5.46E-05	6.98E-06	3.41E-03	5.57E-04	3.73E-05	4.78E-06	3.41E-03	5.58E-04	4.08E-01	5.28E-02	8.65E-01	8.48E-02
1432	Gridded	3.52E-03	5.81E-04	4.10E-06	5.65E-07	1.77E-03	2.87E-04	3.76E-03	6.15E-04	3.73E-03	6.10E-04	3.50E-03	5.79E-04	4.57E-03	7.39E-04	4.57E-03	7.39E-04	6.52E-03	1.08E-03	3.76E-03	6.15E-04	5.68E-05	7.84E-06	3.51E-03	5.80E-04	3.89E-05	5.36E-06	3.52E-03	5.81E-04	4.10E-01	5.27E-02	7.69E-01	8.22E-02
1433	Gridded	3.15E-03	5.75E-04	3.78E-06	6.16E-07	1.57E-03	2.85E-04	3.36E-03	6.08E-04	3.33E-03	6.04E-04	3.13E-03	5.73E-04	4.06E-03	7.40E-04	4.06E-03	7.40E-04	5.83E-03	1.07E-03	3.36E-03	6.08E-04	5.24E-05	8.54E-06	3.14E-03	5.74E-04	3.59E-05	5.84E-06	3.15E-03	5.76E-04	3.71E-01	5.10E-02	6.06E-01	7.54E-02
1434	Gridded	3.73E-03	6.64E-04	4.36E-06	8.10E-07	1.84E-03	3.42E-04	3.96E-03	7.18E-04	3.93E-03	7.11E-04	3.71E-03	6.61E-04	4.71E-03	8.96E-04	4.71E-03	8.96E-04	6.91E-03	1.23E-03	3.96E-03	7.18E-04	6.05E-05	1.12E-05	3.72E-03	6.63E-04	4.14E-05	7.68E-06	3.73E-03	6.64E-04	4.06E-01	5.41E-02	6.53E-01	9.19E-02
1435	Gridded	3.40E-03	6.25E-04	4.47E-06	8.24E-07	1.77E-03	3.18E-04	3.70E-03	6.61E-04	3.66E-03	6.54E-04	3.38E-03	6.24E-04	4.68E-03	8.41E-04	4.68E-03	8.41E-04	6.29E-03	1.16E-03	3.70E-03	6.61E-04	6.21E-05	1.14E-05	3.39E-03	6.25E-04	4.25E-05	7.82E-06	3.40E-03	6.26E-04	4.00E-01	5.63E-02	7.03E-01	8.75E-02
1436	Gridded	2.83E-03	5.41E-04	3.62E-06	6.70E-07	1.44E-03	2.61E-04	3.05E-03	5.69E-04	3.02E-03	5.65E-04	2.82E-03	5.40E-04	3.76E-03	6.60E-04	3.76E-03	6.60E-04	5.24E-03	1.00E-03	3.05E-03	5.69E-04	5.03E-05	9.29E-06	2.83E-03	5.40E-04	3.44E-05	6.36E-06	2.83E-03	5.41E-04	3.37E-01	5.15E-02	6.76E-01	7.60E-02
1437	Gridded	3.06E-03	4.36E-04	3.58E-06	4.86E-07	1.56E-03	2.10E-04	3.30E-03	4.58E-04	3.27E-03	4.55E-04	3.05E-03	4.34E-04	4.09E-03	5.29E-04	4.09E-03	5.29E-04	5.67E-03	8.07E-04	3.30E-03	4.58E-04	4.96E-05	6.73E-06	3.05E-03	4.35E-04	3.40E-05	4.61E-06	3.06E-03	4.36E-04	2.82E-01	4.50E-02	5.34E-01	6.16E-02
1438	Gridded	3.29E-03	4.13E-04	3.91E-06	4.79E-07	1.68E-03	1.98E-04	3.55E-03	4.32E-04	3.51E-03	4.30E-04	3.27E-03	4.11E-04	4.41E-03	5.19E-04	4.41E-03	5.19E-04	6.09E-03	7.65E-04	3.55E-03	4.32E-04	5.42E-05	6.65E-06	3.28E-03	4.12E-04	3.71E-05	4.55E-06	3.29E-03	4.13E-04	2.95E-01	4.56E-02	6.41E-01	6.81E-02
1439	Gridded	3.26E-03	3.73E-04	3.98E-06	4.66E-07	1.68E-03	1.93E-04	3.53E-03	4.05E-04	3.49E-03	4.00E-04	3.25E-03	3.72E-04	4.40E-03	5.07E-04	4.40E-03	5.07E-04	6.04E-03	6.91E-04	3.53E-03	4.05E-04	5.51E-05	6.46E-06	3.25E-03	3.73E-04	3.77E-05	4.42E-06	3.26E-03	3.74E-04	2.84E-01	4.20E-02	5.77E-01	6.30E-02
1440	Gridded	3.00E-03	3.82E-04	3.80E-06	4.71E-07	1.56E-03	1.97E-04	3.26E-03	4.14E-04	3.22E-03	4.10E-04	2.99E-03	3.80E-04	4.09E-03	5.17E-04	4.09E-03	5.17E-04	5.56E-03	7.08E-04	3.26E-03	4.14E-04	5.26E-05	6.53E-06	3.00E-03	3.82E-04	3.60E-05	4.46E-06	3.01E-03	3.83E-04	2.51E-01	3.96E-02	4.99E-01	5.87E-02
1441	Gridded	2.78E-03	4.62E-04	3.43E-06	5.73E-07	1.42E-03	2.39E-04	3.00E-03	5.01E-04	2.97E-03	4.95E-04	2.77E-03	4.60E-04	3.71E-03	6.26E-04	3.71E-03	6.26E-04	5.14E-03	8.55E-04	3.00E-03	5.01E-04	4.76E-05	7.95E-06	2.77E-03	4.61E-04	3.25E-05	5.44E-06	2.78E-03	4.62E-04	2.70E-01	4.34E-02	5.50E-01	5.83E-02
1442	Gridded	3.49E-03	5.61E-04	4.29E-06	6.99E-07	1.78E-03	2.90E-04	3.76E-03	6.08E-04	3.72E-03	6.02E-04	3.48E-03	5.59E-04	4.62E-03	7.61E-04	4.62E-03	7.61E-04	6.47E-03	1.04E-03	3.76E-03	6.08E-04	5.95E-05	9.69E-06	3.49E-03	5.60E-04	4.07E-05	6.63E-06	3.50E-03	5.62E-04	3.06E-01	4.83E-02	5.87E-01	8.47E-02
1443	Gridded	4.26E-03	6.77E-04	5.29E-06	8.35E-07	2.15E-03	3.49E-04	4.57E-03	7.34E-04	4.53E-03	7.26E-04	4.24E-03	6.74E-04	5.56E-03	9.16E-04	5.56E-03	9.16E-04	7.89E-03	1.25E-03	4.57E-03	7.34E-04	7.33E-05	1.16E-05	4.26E-03	6.76E-04	5.02E-05	7.93E-06	4.27E-03	6.78E-04	3.59E-01	5.57E-02	7.03E-01	1.18E-01
1444	Gridded	4.71E-03	7.72E-04	5.71E-06	9.31E-07	2.35E-03	3.97E-04	5.03E-03	8.35E-04	4.98E-03	8.26E-04	4.69E-03	7.69E-04	6.05E-03	1.04E-03	6.05E-03	1.04E-03	8.73E-03	1.43E-03	5.03E-03	8.35E-04	7.92E-05	1.29E-05	4.70E-03	7.71E-04	5.42E-05	8.83E-06	4.71E-03	7.73E-04	3.56E-01	6.17E-02	7.02E-01	1.11E-01
1445	Gridded	4.68E-03	8.46E-04	5.58E-06	9.74E-07	2.31E-03	4.31E-04	4.96E-03	9.12E-04	4.93E-03	9.02E-04	4.67E-03	8.42E-04	6.00E-03	1.12E-03	6.00E-03	1.12E-03	8.68E-03	1.57E-03	4.96E-03	9.12E-04	7.74E-05	1.35E-05	4.68E-03	8.44E-04	5.30E-05	9.25E-06	4.69E-03	8.47E-04	3.65E-01	6.04E-02	6.00E-01	9.40E-02
1446	Gridded	5.15E-03	8.46E-04	6.06E-06	1.03E-06	2.64E-03	4.28E-04	5.56E-03	9.08E-04	5.50E-03	9.00E-04	5.13E-03	8.43E-04	6.89E-03	1.11E-03	6.89E-03	1.11E-03	9.54E-03	1.57E-03	5.56E-03	9.08E-04	8.40E-05	1.43E-05	5.14E-03	8.45E-04	5.75E-05	9.80E-06	5.16E-03	8.47E-04	4.01E-01	7.03E-02	5.40E-01	1.20E-01
1447	Gridded	5.78E-03	9.79E-04	7.68E-06	1.18E-06	3.02E-03	5.03E-04	6.30E-03	1.06E-03	6.23E-03	1.05E-03	5.75E-03	9.74E-04	7.98E-03	1.32E-03	7.98E-03	1.32E-03	1.07E-02	1.81E-03	6.30E-03	1.06E-03	1.06E-04	1.64E-05	5.77E-03	9.77E-04	7.28E-05	1.12E-05	5.79E-03	9.80E-04	4.20E-01	1.04E-01	5.71E-01	1.41E-01
1448	Gridded	7.16E-03	1.16E-03	9.21E-06	1.51E-06	3.70E-03	5.94E-04	7.73E-03	1.25E-03	7.64E-03	1.24E-03	7.14E-03	1.15E-03	9.75E-03	1.55E-03	9.75E-03	1.55E-03	1.33E-02	2.15E-03	7.73E-03	1.25E-03	1.28E-04	2.09E-05	7.15E-03	1.16E-03	8.74E-05	1.43E-05	7.17E-03	1.16E-03	5.22E-01	1.32E-01	7.12E-01	1.90E-01
1449	Gridded	6.68E-03	1.18E-03	9.73E-06	2.01E-06	3.55E-03	6.49E-04	7.34E-03	1.32E-03	7.24E-03	1.30E-03	6.64E-03	1.18E-03	9.47E-03	1.76E-03	9.47E-03	1.76E-03	1.24E-02	2.19E-03	7.34E-03	1.32E-03	1.35E-04	2.79E-05	6.66E-03	1.18E-03	9.23E-05	1.91E-05	6.69E-03	1.18E-03	5.66E-01	1.73E-01	6.57E-01	1.98E-01
1450	Gridded	6.94E-03	1.47E-03	1.09E-05	1.88E-06	3.48E-03	7.63E-04	7.42E-03	1.60E-03	7.36E-03	1.58E-03	6.92E-03	1.46E-03	9.07E-03	2.01E-03	9.07E-03	2.01E-03	1.29E-02	2.72E-03	7.42E-03	1.60E-03	1.52E-04	2.61E-05	6.93E-03	1.47E-03	1.04E-04	1.79E-05	6.95E-03	1.47E-03	6.35E-01	1.64E-01	8.55E-01	1.61E-01
1451	Gridded	1.04E-02	1.30E-03	1.05E-05	1.52E-06	5.19E-03	6.56E-04	1.11E-02	1.39E-03	1.10E-02	1.38E-03	1.03E-02	1.29E-03	1.34E-02	1.70E-03	1.34E-02	1.70E-03	1.92E-02	2.41E-03	1.11E-02	1.39E-03	1.45E-04	2.11E-05	1.04E-02	1.30E-03	9.93E-05	1.44E-05	1.04E-02	1.30E-03	7.27E-01	1.50E-01	1.23E+00	1.44E-01
1452	Gridded	9.86E-03	2.15E-03	1.43E-05	2.76E-06	4.73E-03	1.10E-03	1.03E-02	2.33E-03	1.02E-02	2.30E-03	9.84E-03	2.14E-03	1.22E-02	2.89E-03	1.22E-02	2.89E-03	1.83E-02	3.98E-03	1.03E-02	2.33E-03	1.98E-04	3.83E-05	9.85E-03	2.15E-03	1.36E-04	2.62E-05	9.86E-03	2.15E-03	8.73E-01	2.56E-01	9.95E-01	3.62E-01
1453	Gridded	1.38E-02	1.81E-03	1.25E-05	2.07E-06	6.23E-03	8.41E-04	1.41E-02	1.85E-03	1.41E-02	1.84E-03	1.38E-02	1.81E-03	1.51E-02	2.12E-03	1.51E-02	2.12E-03	2.56E-02	3.36E-03	1.41E-02	1.85E-03	1.74E-04	2.87E-05	1.38E-02	1.81E-03	1.19E-04	1.96E-05	1.38E-02	1.81E-03	8.16E-01	1.65E-01	8.74E-01	1.91E-01
1454	Gridded	8.49E-03	7.90E-04	1.09E-05	1.43E-06	4.12E-03	4.40E-04	8.95E-03	8.86E-04	8.89E-03	8.73E-04	8.47E-03	7.84E-04	1.04E-02	1.20E-03	1.04E-02	1.20E-03	1.57E-02	1.46E-03	8.95E-03	8.86E-04	1.51E-04	1.98E-05	8.49E-03	7.88E-04	1.03E-04	1.36E-05	8.50E-03	7.91E-04	7.40E-01	2.07E-01	1.23E+00	1.95E-01
1455	Gridded	7.29E-03	1.29E-03	1.05E-05	1.14E-06	3.79E-03	6.33E-04	7.93E-03	1.37E-03	7.84E-03	1.36E-03	7.25E-03	1.29E-03	1.00E-02	1.62E-03	1.00E-02	1.62E-03	1.35E-02	2.39E-03	7.93E-03	1.37E-03	1.46E-04	1.59E-05	7.27E-03	1.29E-03	9.96E-05	1.09E-05	7.30E-03	1.29E-03	8.17E-01	1.68E-01	1.44E+00	1.72E-01
1456	Gridded	8.77E-03	1.31E-03	1.07E-05	1.34E-06	4.51E-03	6.47E-04	9.49E-03	1.39E-03	9.39E-03	1.38E-03	8.73E-03	1.31E-03	1.18E-02	1.66E-03	1.18E-02	1.66E-03	1.62E-02	2.43E-03	9.49E-03	1.39E-03	1.48E-04	1.86E-05	8.75E-03	1.31E-03	1.01E-04	1.27E-05	8.78E-03	1.31E-03	1.05E+00	1.55E-01	1.61E+00	1.23E-01
1457	Gridded	8.40E-03	1.05E-03	7.05E-06	1.16E-06	4.09E-03	5.34E-04	8.87E-03	1.13E-03	8.80E-03	1.12E-03	8.37E-03	1.05E-03	1.04E-02	1.39E-03	1.04E-02	1.39E-03	1.56E-02	1.95E-03	8.87E-03	1.13E-03	9.77E-05	1.61E-05	8.39E-03	1.05E-03	6.69E-05	1.10E-05	8.40E-03	1.05E-03	1.03E+00	1.18E-01	1.83E+00	1.37E-01
1458	Gridded	9.21E-03	1.85E-03	9.10E-06	1.64E-06	4.59E-03	9.07E-04	9.82E-03	1.96E-03	9.74E-03	1.94E-03	9.18E-03	1.84E-03	1.18E-02	2.32E-03	1.18E-02	2.32E-03	1.71E-02	3.42E-03	9.82E-03	1.96E-03	1.26E-04	2.28E-05	9.20E-03	1.84E-03	8.63E-05	1.56E-05	9.22E-03	1.85E-03	8.24E-01	1.85E-01	3.39E+00	2.12E-01
1459	Gridded	1.01E-02	1.17E-03	1.04E-05	1.13E-06	5.07E-03	5.82E-04	1.08E-02	1.25E-03	1.07E-02	1.24E-03	1.01E-02	1.17E-03	1.31E-02	1.50E-03	1.31E-02	1.50E-03	1.87E-02	2.17E-03	1.08E-02	1.25E-03	1.44E-04	1.57E-05	1.01E-02	1.17E-03	9.82E-05	1.08E-05	1.01E-02	1.17E-03	5.13E-01	1.40E-01	1.04E+00	1.96E-01
1460	Gridded	1.05E-02	1.02E-03	1.09E-05	1.01E-06	5.12E-03	4.89E-04	1.11E-02	1.07E-03	1.10E-02	1.06E-03	1.04E-02	1.02E-03	1.30E-02	1.24E-03	1.30E-02	1.24E-03	1.94E-02	1.89E-03	1.11E-02	1.07E-03	1.51E-04	1.40E-05	1.05E-02	1.02E-03	1.04E-04	9.61E-06	1.05E-02	1.02E-03	6.59E-01	9.68E-02	1.07E+00	1.11E-01
1461	Gridded	9.70E-03	9.42E-04	8.39E-06	1.08E-06	4.75E-03	4.80E-04	1.03E-02	1.01E-03	1.02E-02	1.00E-03	9.67E-03	9.38E-04	1.21E-02	1.25E-03	1.21E-02	1.25E-03	1.80E-02	1.74E-03	1.03E-02	1.01E-03	1.16E-04	1.49E-05	9.69E-03	9.40E-04	7.96E-05	1.02E-05	9.70E-03	9.43E-04	6.03E-01	7.43E-02	1.27E+00	1.15E-01
1462	Gridded	8.08E-03	7.82E-04	7.31E-06	9.48E-07	3.96E-03	4.02E-04	8.56E-03	8.46E-04	8.49E-03	8.37E-04	8.05E-03	7.79E-04	1.01E-02	1.05E-03	1.01E-02	1.05E-03	1.50E-02	1.45E-03	8.56E-03	8.46E-04	1.01E-04	1.31E-05	8.06E-03	7.81E-04	6.93E-05	8.99E-06	8.08E-03	7.83E-04	5.56E-01	6.84E-02	9.29E-01	8.03E-02
1463	Gridded	6.64E-03	5.89E-04	6.61E-06	7.48E-07	3.31E-03	3.05E-04	7.08E-03	6.39E-04	7.02E-03	6.32E-04	6.61E-03	5.86E-04	8.53E-03	8.03E-04	8.53E-03	8.03E-04	1.23E-02	1.09E-03	7.08E-03	6.39E-04	9.17E-05	1.04E-05	6.63E-03	5.88E-04	6.28E-05	7.10E-06	6.64E-03	5.89E-04	5.11E-01	7.22E-02	9.07E-01	8.64E-02
1464	Gridded	6.22E-03	4.68E-04	6.31E-06	5.05E-07	3.11E-03	2.33E-04	6.65E-03	4.99E-04	6.59E-03	4.95E-04	6.20E-03	4.66E-04	8.03E-03	6.01E-04	8.03E-03	6.01E-04	1.15E-02	8.66E-04	6.65E-03	4.99E-04	8.75E-05	7.00E-06	6.21E-03	4.67E-04	5.99E-05	4.79E-06	6.22E-03	4.68E-04	4.22E-01	6.49E-02	8.25E-01	8.71E-02
1465	Gridded	5.85E-03	4.82E-04	6.05E-06	4.89E-07	2.93E-03	2.41E-04	6.26E-03	5.15E-04	6.20E-03	5.11E-04	5.83E-03	4.81E-04	7.58E-03	6.22E-04	7.58E-03	6.22E-04	1.08E-02	8.94E-04	6.26E-03	5.15E-04	8.39E-05	6.78E-06	5.84E-03	4.82E-04	5.74E-05	4.64E-06	5.85E-03	4.83E-04	3.55E-01	5.51E-02	6.96E-01	7.96E-02
1466	Gridded	6.46E-03	5.02E-04	5.96E-06	5.13E-07	3.19E-03	2.51E-04	6.86E-03	5.37E-04	6.80E-03	5.32E-04	6.43E-03	5.00E-04	8.16E-03	6.49E-04	8.16E-03	6.49E-04	1.20E-02	9.30E-04	6.86E-03	5.37E-04	8.26E-05	7.12E-06	6.45E-03	5.01E-04	5.65E-05	4.87E-06	6.46E-03	5.02E-04	3.44E-01	4.67E-02	5.67E-01	7.64E-02
1467	Gridded	6.88E-03	5.18E-04	6.17E-06	5.31E-07	3.38E-03	2.60E-04	7.30E-03	5.54E-04	7.24E-03	5.49E-04	6.86E-03	5.16E-04	8.65E-03	6.70E-04	8.65E-03	6.70E-04	1.28E-02	9.60E-04	7.30E-03	5.54E-04	8.55E-05	7.36E-06	6.87E-03	5.17E-04	5.85E-05	5.04E-06	6.89E-03	5.18E-04	3.39E-01	4.27E-02	5.47E-01	7.28E-02
1468	Gridded	7.07E-03	5.34E-04	6.17E-06	5.37E-07	3.47E-03	2.67E-04	7.49E-03	5.71E-04	7.43E-03	5.65E-04	7.05E-03	5.32E-04	8.84E-03	6.88E-04	8.84E-03	6.88E-04	1.31E-02	9.90E-04	7.49E-03	5.71E-04	8.56E-05	7.44E-06	7.06E-03	5.34E-04	5.85E-05	5.09E-06	7.07E-03	5.35E-04	3.37E-01	4.88E-02	5.15E-01	8.38E-02
1469	Gridded	7.11E-03	5.31E-04	6.08E-06	5.17E-07	3.48E-03	2.64E-04	7.52E-03	5.66E-04	7.47E-03	5.61E-04	7.09E-03	5.29E-04	8.85E-03	6.79E-04	8.85E-03	6.79E-04	1.32E-02	9.84E-04	7.52E-03	5.66E-04	8.43E-05	7.17E-06	7.10E-03	5.30E-04	5.77E-05	4.91E-06	7.12E-03	5.32E-04	3.25E-01	5.23E-02	4.92E-01	9.74E-02
1470	Gridded	6.86E-03	3.62E-04	5.81E-06	3.62E-07	3.35E-03	1.81E-04	7.25E-03	3.87E-04	7.20E-03	3.83E-04	6.84E-03	3.61E-04	8.53E-03	4.66E-04	8.53E-03	4.66E-04	1.27E-02	6.71E-04	7.25E-03	3.87E-04	8.06E-05	5.02E-06	6.85E-03	3.62E-04	5.52E-05	3.44E-06	6.86E-03	3.63E-04	3.16E-01	3.85E-02	4.14E-01	7.39E-02
1471	Gridded	6.59E-03	3.22E-04	5.69E-06	2.92E-07	3.23E-03	1.58E-04	6.98E-03	3.41E-04	6.92E-03	3.39E-04	6.57E-03	3.21E-04	8.22E-03	4.05E-04	8.22E-03	4.05E-04	1.22E-02	5.96E-04	6.98E-03	3.41E-04	7.89E-05	4.05E-06	6.58E-03	3.21E-04	5.40E-05	2.77E-06	6.60E-03	3.22E-04	3.17E-01	3.02E-02	3.81E-01	5.80E-02
1472	Gridded	6.13E-03	3.14E-04	5.70E-06	2.88E-07	3.03E-03	1.55E-04	6.51E-03	3.33E-04	6.46E-03	3.30E-04	6.11E-03	3.13E-04	7.76E-03	3.96E-04	7.76E-03	3.96E-04	1.14E-02	5.81E-04	6.51E-03	3.33E-04	7.90E-05	3.99E-06	6.12E-03	3.13E-04	5.40E-05	2.73E-06	6.13E-03	3.14E-04	3.21E-01	2.94E-02	3.80E-01	5.63E-02
1473	Gridded	5.46E-03	2.97E-04	5.49E-06	2.75E-07	2.73E-03	1.47E-04	5.83E-03	3.16E-04	5.78E-03	3.13E-04	5.44E-03	2.96E-04	7.04E-03	3.76E-04	7.04E-03	3.76E-04	1.01E-02	5.51E-04	5.83E-03	3.16E-04	7.62E-05	3.81E-06	5.45E-03	2.97E-04	5.21E-05	2.61E-06	5.47E-03	2.98E-04	3.19E-01	2.64E-02	4.23E-01	4.94E-02
1474	Gridded	4.73E-03	2.85E-04	5.04E-06	2.69E-07	2.38E-03	1.41E-04	5.07E-03	3.03E-04	5.02E-03	3.00E-04	4.71E-03	2.84E-04	6.17E-03	3.61E-04	6.17E-03	3.61E-04	8.75E-03	5.28E-04	5.07E-03	3.03E-04	6.98E-05	3.72E-06	4.72E-03	2.85E-04	4.78E-05	2.55E-06	4.73E-03	2.85E-04	3.11E-01	2.64E-02	4.68E-01	4.46E-02
1475	Gridded	3.93E-03	3.40E-04	4.55E-06	3.80E-07	1.99E-03	1.68E-04	4.22E-03	3.62E-04	4.18E-03	3.59E-04	3.91E-03	3.39E-04	5.18E-03	4.32E-04	5.18E-03	4.32E-04	7.27E-03	6.30E-04	4.22E-03	3.62E-04	6.31E-05	5.27E-06	3.92E-03	3.40E-04	4.32E-05	3.60E-06	3.93E-03	3.40E-04	3.00E-01	3.76E-02	5.20E-01	5.20E-02
1476	Gridded	5.41E-03	5.88E-04	6.82E-06	5.29E-07	2.76E-03	2.90E-04	5.83E-03	6.24E-04	5.77E-03	6.19E-04	5.39E-03	5.86E-04	7.21E-03	7.40E-04	7.21E-03	7.40E-04	1.00E-02	1.09E-03	5.83E-03	6.24E-04	9.46E-05	7.34E-06	5.40E-03	5.88E-04	6.47E-05	5.02E-06	5.41E-03	5.89E-04	3.55E-01	5.18E-02	5.63E-01	8.57E-02
1477	Gridded	5.48E-03	5.95E-04	6.32E-06	5.29E-07	2.80E-03	2.92E-04	5.91E-03	6.31E-04	5.85E-03	6.26E-04	5.46E-03	5.93E-04	7.29E-03	7.47E-04	7.29E-03	7.47E-04	1.01E-02	1.10E-03	5.91E-03	6.31E-04	8.77E-05	7.33E-06	5.47E-03	5.94E-04	6.00E-05	5.02E-06	5.49E-03	5.96E-04	3.15E-01	5.12E-02	5.71E-01	8.63E-02
1478	Gridded	3.52E-03	3.85E-04	4.20E-06	3.53E-07	1.80E-03	1.90E-04	3.80E-03	4.08E-04	3.76E-03	4.05E-04	3.50E-03	3.83E-04	4.72E-03	4.86E-04	4.72E-03	4.86E-04	6.52E-03	7.13E-04	3.80E-03	4.08E-04	5.82E-05	4.90E-06	3.51E-03	3.84E-04	3.98E-05	3.35E-06	3.52E-03	3.85E-04	2.27E-01	3.53E-02	5.53E-01	5.82E-02
1479	Gridded	2.97E-03	3.24E-04	3.71E-06	3.09E-07	1.53E-03	1.61E-04	3.22E-03	3.45E-04	3.18E-03	3.42E-04	2.95E-03	3.22E-04	4.03E-03	4.12E-04	4.03E-03	4.12E-04	5.50E-03	6.00E-04	3.22E-03	3.45E-04	5.15E-05	4.29E-06	2.96E-03	3.23E-04	3.52E-05	2.94E-06	2.97E-03	3.24E-04	2.03E-01	3.03E-02	5.24E-01	4.81E-02
1480	Gridded	4.38E-03	5.98E-04	4.62E-06	8.55E-07	2.20E-03	3.17E-04	4.69E-03	6.56E-04	4.65E-03	6.48E-04	4.36E-03	5.95E-04	5.70E-03	8.43E-04	5.70E-03	8.43E-04	8.12E-03	1.11E-03	4.69E-03	6.56E-04	6.41E-05	1.19E-05	4.37E-03	5.97E-04	4.39E-05	8.11E-06	4.38E-03	5.99E-04	3.14E-01	4.73E-02	6.08E-01	8.92E-02
1481	Gridded	5.33E-03	6.14E-04	5.18E-06	9.88E-07	2.65E-03	3.33E-04	5.68E-03	6.81E-04	5.63E-03	6.72E-04	5.31E-03	6.11E-04	6.82E-03	8.97E-04	6.82E-03	8.97E-04	9.88E-03	1.14E-03	5.68E-03	6.81E-04	7.19E-05	1.37E-05	5.33E-03	6.13E-04	4.92E-05	9.37E-06	5.34E-03	6.15E-04	3.38E-01	5.49E-02	6.53E-01	9.50E-02
1482	Gridded	3.73E-03	4.18E-04	3.64E-06	6.98E-07	1.85E-03	2.15E-04	3.97E-03	4.37E-04	3.94E-03	4.34E-04	3.71E-03	4.17E-04	4.77E-03	5.86E-04	4.77E-03	5.86E-04	6.90E-03	7.75E-04	3.97E-03	4.37E-04	5.05E-05	9.68E-06	3.72E-03	4.18E-04	3.45E-05	6.62E-06	3.73E-03	4.18E-04	2.94E-01	4.77E-02	5.68E-01	6.79E-02
1483	Gridded	2.98E-03	3.61E-04	2.83E-06	5.52E-07	1.48E-03	1.81E-04	3.17E-03	3.80E-04	3.14E-03	3.76E-04	2.97E-03	3.60E-04	3.79E-03	4.73E-04	3.79E-03	4.73E-04	5.52E-03	6.70E-04	3.17E-03	3.80E-04	3.92E-05	7.66E-06	2.97E-03	3.61E-04	2.68E-05	5.24E-06	2.98E-03	3.61E-04	2.82E-01	4.49E-02	5.17E-01	6.28E-02
1484	Gridded	2.68E-03	3.54E-04	3.05E-06	4.71E-07	1.32E-03	1.83E-04	2.84E-03	3.84E-04	2.82E-03	3.80E-04	2.67E-03	3.53E-04	3.36E-03	4.79E-04	3.36E-03	4.79E-04	4.97E-03	6.56E-04	2.84E-03	3.84E-04	4.22E-05	6.53E-06	2.68E-03	3.54E-04	2.89E-05	4.47E-06	2.68E-03	3.55E-04	2.93E-01	4.60E-02	5.23E-01	6.44E-02
1485	Gridded	3.66E-03	4.77E-04	4.28E-06	5.71E-07	1.87E-03	2.39E-04	3.95E-03	5.11E-04	3.91E-03	5.06E-04	3.65E-03	4.75E-04	4.89E-03	6.19E-04	4.89E-03	6.19E-04	6.78E-03	8.84E-04	3.95E-03	5.11E-04	5.94E-05	7.92E-06	3.66E-03	4.76E-04	4.06E-05	5.42E-06	3.67E-03	4.78E-04	3.67E-01	5.86E-02	7.11E-01	8.28E-02
1486	Gridded	3.99E-03	4.84E-04	4.30E-06	5.79E-07	2.01E-03	2.41E-04	4.28E-03	5.16E-04	4.24E-03	5.11E-04	3.97E-03	4.82E-04	5.22E-03	6.21E-04	5.22E-03	6.21E-04	7.39E-03	8.96E-04	4.28E-03	5.16E-04	5.97E-05	8.03E-06	3.98E-03	4.83E-04	4.08E-05	5.50E-06	3.99E-03	4.84E-04	3.79E-01	6.16E-02	7.95E-01	8.67E-02
1487	Gridded	2.83E-03	3.58E-04	3.38E-06	4.45E-07	1.43E-03	1.79E-04	3.03E-03	3.82E-04	3.01E-03	3.79E-04	2.82E-03	3.56E-04	3.70E-03	4.65E-04	3.70E-03	4.65E-04	5.24E-03	6.63E-04	3.03E-03	3.82E-04	4.69E-05	6.17E-06	2.83E-03	3.57E-04	3.21E-05	4.22E-06	2.83E-03	3.58E-04	3.43E-01	5.37E-02	7.42E-01	7.40E-02
1488	Gridded	2.49E-03	3.94E-04	3.20E-06	4.62E-07	1.29E-03	2.02E-04	2.71E-03	4.26E-04	2.68E-03	4.21E-04	2.48E-03	3.93E-04	3.41E-03	5.27E-04	3.41E-03	5.27E-04	4.61E-03	7.30E-04	2.71E-03	4.26E-04	4.44E-05	6.41E-06	2.48E-03	3.94E-04	3.04E-05	4.38E-06	2.49E-03	3.95E-04	3.16E-01	4.93E-02	6.69E-01	6.86E-02
1489	Gridded	2.81E-03	4.42E-04	3.57E-06	5.15E-07	1.46E-03	2.26E-04	3.05E-03	4.76E-04	3.02E-03	4.71E-04	2.80E-03	4.40E-04	3.83E-03	5.89E-04	3.83E-03	5.89E-04	5.20E-03	8.18E-04	3.05E-03	4.76E-04	4.96E-05	7.14E-06	2.80E-03	4.41E-04	3.39E-05	4.89E-06	2.81E-03	4.42E-04	2.56E-01	4.08E-02	5.33E-01	7.73E-02
1490	Gridded	3.23E-03	5.01E-04	4.01E-06	5.77E-07	1.67E-03	2.56E-04	3.50E-03	5.40E-04	3.46E-03	5.35E-04	3.22E-03	4.99E-04	4.38E-03	6.67E-04	4.38E-03	6.67E-04	5.98E-03	9.28E-04	3.50E-03	5.40E-04	5.55E-05	8.01E-06	3.23E-03	5.00E-04	3.80E-05	5.48E-06	3.24E-03	5.02E-04	2.83E-01	4.26E-02	5.49E-01	9.08E-02
1491	Gridded	3.50E-03	5.51E-04	4.19E-06	6.23E-07	1.80E-03	2.80E-04	3.78E-03	5.93E-04	3.74E-03	5.87E-04	3.48E-03	5.49E-04	4.70E-03	7.29E-04	4.70E-03	7.29E-04	6.48E-03	1.02E-03	3.78E-03	5.93E-04	5.82E-05	8.64E-06	3.49E-03	5.50E-04	3.98E-05	5.91E-06	3.50E-03	5.51E-04	2.76E-01	4.77E-02	5.32E-01	9.58E-02
1492	Gridded	3.82E-03	6.11E-04	4.43E-06	6.67E-07	1.94E-03	3.09E-04	4.11E-03	6.57E-04	4.07E-03	6.50E-04	3.80E-03	6.09E-04	5.06E-03	8.03E-04	5.06E-03	8.03E-04	7.07E-03	1.13E-03	4.11E-03	6.57E-04	6.15E-05	9.25E-06	3.81E-03	6.11E-04	4.21E-05	6.33E-06	3.82E-03	6.12E-04	3.49E-01	5.88E-02	7.02E-01	1.03E-01
1493	Gridded	4.08E-03	6.28E-04	4.75E-06	7.29E-07	2.08E-03	3.16E-04	4.40E-03	6.72E-04	4.35E-03	6.66E-04	4.06E-03	6.25E-04	5.44E-03	8.26E-04	5.44E-03	8.26E-04	7.55E-03	1.16E-03	4.40E-03	6.72E-04	6.58E-05	1.01E-05	4.07E-03	6.27E-04	4.50E-05	6.91E-06	4.08E-03	6.28E-04	3.62E-01	5.83E-02	7.01E-01	8.60E-02
1494	Gridded	4.46E-03	7.06E-04	4.87E-06	8.04E-07	2.25E-03	3.59E-04	4.78E-03	7.60E-04	4.74E-03	7.52E-04	4.44E-03	7.03E-04	5.83E-03	9.34E-04	5.83E-03	9.34E-04	8.26E-03	1.31E-03	4.78E-03	7.60E-04	6.75E-05	1.12E-05	4.45E-03	7.05E-04	4.62E-05	7.63E-06	4.46E-03	7.06E-04	3.42E-01	6.64E-02	7.00E-01	1.07E-01
1495	Gridded	4.22E-03	7.31E-04	4.94E-06	8.25E-07	2.12E-03	3.69E-04	4.52E-03	7.84E-04	4.48E-03	7.77E-04	4.21E-03	7.28E-04	5.49E-03	9.56E-04	5.49E-03	9.56E-04	7.83E-03	1.35E-03	4.52E-03	7.84E-04	6.85E-05	1.14E-05	4.22E-03	7.30E-04	4.69E-05	7.83E-06	4.23E-03	7.32E-04	2.86E-01	7.59E-02	4.95E-01	1.06E-01
1496	Gridded	4.86E-03	7.94E-04	5.57E-06	9.51E-07	2.45E-03	4.05E-04	5.21E-03	8.56E-04	5.16E-03	8.48E-04	4.84E-03	7.91E-04	6.33E-03	1.06E-03	6.33E-03	1.06E-03	9.01E-03	1.47E-03	5.21E-03	8.56E-04	7.72E-05	1.32E-05	4.86E-03	7.93E-04	5.28E-05	9.02E-06	4.87E-03	7.95E-04	3.29E-01	7.52E-02	4.64E-01	1.16E-01
1497	Gridded	4.92E-03	8.85E-04	5.56E-06	1.26E-06	2.49E-03	4.50E-04	5.29E-03	9.50E-04	5.23E-03	9.41E-04	4.90E-03	8.81E-04	6.46E-03	1.20E-03	6.46E-03	1.20E-03	9.12E-03	1.64E-03	5.29E-03	9.50E-04	7.71E-05	1.75E-05	4.91E-03	8.83E-04	5.27E-05	1.19E-05	4.93E-03	8.85E-04	3.71E-01	9.93E-02	4.13E-01	1.30E-01
1498	Gridded	4.86E-03	1.16E-03	6.34E-06	1.63E-06	2.53E-03	6.10E-04	5.27E-03	1.26E-03	5.21E-03	1.25E-03	4.84E-03	1.15E-03	6.66E-03	1.62E-03	6.66E-03	1.62E-03	9.00E-03	2.14E-03	5.27E-03	1.26E-03	8.79E-05	2.25E-05	4.85E-03	1.15E-03	6.02E-05	1.54E-05	4.86E-03	1.16E-03	4.15E-01	1.22E-01	6.10E-01	1.51E-01
1499	Gridded	6.03E-03	1.40E-03	7.44E-06	1.71E-06	3.04E-03	7.22E-04	6.47E-03	1.52E-03	6.41E-03	1.50E-03	6.00E-03	1.40E-03	7.90E-03	1.89E-03	7.90E-03	1.89E-03	1.12E-02	2.60E-03	6.47E-03	1.52E-03	1.03E-04	2.38E-05	6.02E-03	1.40E-03	7.06E-05	1.63E-05	6.03E-03	1.40E-03	4.44E-01	1.30E-01	6.26E-01	1.58E-01
1500	Gridded	6.88E-03	9.69E-04	8.70E-06	1.25E-06	3.53E-03	4.79E-04	7.41E-03	1.03E-03	7.33E-03	1.02E-03	6.85E-03	9.65E-04	9.28E-03	1.26E-03	9.28E-03	1.26E-03	1.27E-02	1.79E-03	7.41E-03	1.03E-03	1.21E-04	1.73E-05	6.87E-03	9.67E-04	8.26E-05	1.18E-05	6.88E-03	9.69E-04	4.76E-01	1.00E-01	7.48E-01	1.44E-01
1501	Gridded	7.00E-03	1.02E-03	7.46E-06	1.11E-06	3.43E-03	5.07E-04	7.41E-03	1.08E-03	7.36E-03	1.07E-03	6.98E-03	1.01E-03	8.75E-03	1.31E-03	8.75E-03	1.31E-03	1.30E-02	1.88E-03	7.41E-03	1.08E-03	1.03E-04	1.54E-05	6.99E-03	1.01E-03	7.07E-05	1.05E-05	7.01E-03	1.02E-03	5.26E-01	9.58E-02	8.19E-01	1.12E-01
1502	Gridded	7.59E-03	1.51E-03	9.81E-06	1.92E-06	3.66E-03	7.68E-04	7.98E-03	1.63E-03	7.92E-03	1.61E-03	7.57E-03	1.51E-03	9.24E-03	2.00E-03	9.24E-03	2.00E-03	1.41E-02	2.80E-03	7.98E-03	1.63E-03	1.36E-04	2.66E-05	7.58E-03	1.51E-03	9.31E-05	1.82E-05	7.60E-03	1.51E-03	5.89E-01	1.47E-01	8.80E-01	2.24E-01
1503	Gridded	1.06E-02	2.37E-03	1.19E-05	2.24E-06	5.02E-03	1.18E-03	1.11E-02	2.53E-03	1.10E-02	2.50E-03	1.06E-02	2.37E-03	1.26E-02	3.02E-03	1.26E-02	3.02E-03	1.97E-02	4.40E-03	1.11E-02	2.53E-03	1.64E-04	3.11E-05	1.06E-02	2.37E-03	1.13E-04	2.13E-05	1.06E-02	2.38E-03	6.89E-01	2.04E-01	1.22E+00	1.75E-01
1504	Gridded	8.18E-03	1.53E-03	9.06E-06	2.09E-06	3.97E-03	8.01E-04	8.62E-03	1.67E-03	8.55E-03	1.65E-03	8.15E-03	1.52E-03	1.00E-02	2.12E-03	1.00E-02	2.12E-03	1.52E-02	2.82E-03	8.62E-03	1.67E-03	1.26E-04	2.90E-05	8.17E-03	1.52E-03	8.60E-05	1.98E-05	8.18E-03	1.53E-03	7.49E-01	2.01E-01	8.25E-01	2.20E-01

Scenario 4 Results

1505	Gridded	1.12E-02	1.30E-03	9.06E-06	1.98E-06	5.43E-03	6.85E-04	1.18E-02	1.42E-03	1.17E-02	1.40E-03	1.11E-02	1.29E-03	1.38E-02	1.82E-03	1.38E-02	1.82E-03	2.07E-02	2.41E-03	1.18E-02	1.42E-03	1.26E-04	2.74E-05	1.12E-02	1.30E-03	8.60E-05	1.88E-05	1.12E-02	1.30E-03	7.84E-01	2.58E-01	1.00E+00	2.80E-01
1506	Gridded	7.94E-03	1.58E-03	8.18E-06	1.49E-06	3.90E-03	7.83E-04	8.42E-03	1.68E-03	8.35E-03	1.67E-03	7.91E-03	1.58E-03	9.97E-03	2.01E-03	9.97E-03	2.01E-03	1.47E-02	2.93E-03	8.42E-03	1.68E-03	1.13E-04	2.06E-05	7.93E-03	1.58E-03	7.76E-05	1.41E-05	7.95E-03	1.58E-03	7.66E-01	2.42E-01	1.60E+00	2.42E-01
1507	Gridded	1.04E-02	7.12E-04	9.15E-06	9.00E-07	5.10E-03	3.69E-04	1.10E-02	7.72E-04	1.09E-02	7.64E-04	1.04E-02	7.08E-04	1.30E-02	9.70E-04	1.30E-02	9.70E-04	1.93E-02	1.32E-03	1.10E-02	7.72E-04	1.27E-04	1.25E-05	1.04E-02	7.10E-04	8.68E-05	8.54E-06	1.04E-02	7.12E-04	5.53E-01	8.98E-02	9.76E-01	1.16E-01
1508	Gridded	1.20E-02	1.36E-03	1.16E-05	1.23E-06	5.95E-03	6.70E-04	1.27E-02	1.44E-03	1.26E-02	1.43E-03	1.19E-02	1.36E-03	1.53E-02	1.71E-03	1.53E-02	1.71E-03	2.21E-02	2.52E-03	1.27E-02	1.44E-03	1.61E-04	1.70E-05	1.19E-02	1.36E-03	1.10E-04	1.16E-05	1.20E-02	1.36E-03	8.28E-01	1.34E-01	1.27E+00	1.40E-01
1509	Gridded	8.04E-03	7.46E-04	7.43E-06	1.06E-06	3.97E-03	3.95E-04	8.55E-03	8.18E-04	8.48E-03	8.08E-04	8.02E-03	7.42E-04	1.02E-02	1.05E-03	1.02E-02	1.05E-03	1.49E-02	1.38E-03	8.55E-03	8.18E-04	1.03E-04	1.47E-05	8.03E-03	7.44E-04	7.05E-05	1.01E-05	8.05E-03	7.47E-04	8.79E-01	9.19E-02	1.55E+00	1.15E-01
1510	Gridded	6.10E-03	1.44E-03	5.95E-06	1.33E-06	3.04E-03	7.12E-04	6.51E-03	1.53E-03	6.45E-03	1.52E-03	6.08E-03	1.44E-03	7.81E-03	1.82E-03	7.81E-03	1.82E-03	1.13E-02	2.67E-03	6.51E-03	1.53E-03	8.25E-05	1.85E-05	6.10E-03	1.44E-03	5.65E-05	1.27E-05	6.11E-03	1.44E-03	4.75E-01	1.47E-01	1.19E+00	1.43E-01
1511	Gridded	7.94E-03	1.68E-03	7.84E-06	1.55E-06	3.96E-03	8.30E-04	8.47E-03	1.79E-03	8.39E-03	1.77E-03	7.91E-03	1.67E-03	1.02E-02	2.13E-03	1.02E-02	2.13E-03	1.47E-02	3.11E-03	8.47E-03	1.79E-03	1.09E-04	2.15E-05	7.93E-03	1.68E-03	7.44E-05	1.47E-05	7.94E-03	1.68E-03	5.06E-01	1.29E-01	8.67E-01	1.38E-01
1512	Gridded	8.03E-03	8.83E-04	8.24E-06	8.57E-07	4.02E-03	4.39E-04	8.59E-03	9.40E-04	8.51E-03	9.32E-04	8.00E-03	8.79E-04	1.04E-02	1.13E-03	1.04E-02	1.13E-03	1.49E-02	1.64E-03	8.59E-03	9.40E-04	1.14E-04	1.19E-05	8.02E-03	8.81E-04	7.82E-05	8.14E-06	8.04E-03	8.83E-04	5.17E-01	8.60E-02	7.91E-01	1.29E-01
1513	Gridded	7.36E-03	8.02E-04	7.88E-06	6.13E-07	3.71E-03	3.82E-04	7.89E-03	8.39E-04	7.82E-03	8.33E-04	7.33E-03	8.00E-04	9.62E-03	9.57E-04	9.62E-03	9.57E-04	1.36E-02	1.49E-03	7.89E-03	8.39E-04	1.09E-04	8.50E-06	7.35E-03	8.01E-04	7.48E-05	5.82E-06	7.36E-03	8.02E-04	4.39E-01	5.53E-02	7.22E-01	6.06E-02
1514	Gridded	6.55E-03	6.80E-04	7.31E-06	7.02E-07	3.32E-03	3.41E-04	7.05E-03	7.28E-04	6.98E-03	7.21E-04	6.53E-03	6.78E-04	8.65E-03	8.81E-04	8.65E-03	8.81E-04	1.21E-02	1.26E-03	7.05E-03	7.28E-04	1.01E-04	9.73E-06	6.54E-03	6.79E-04	6.94E-05	6.66E-06	6.56E-03	6.81E-04	4.64E-01	6.53E-02	7.29E-01	8.82E-02
1515	Gridded	6.36E-03	7.21E-04	6.71E-06	7.65E-07	3.12E-03	3.63E-04	6.74E-03	7.72E-04	6.68E-03	7.65E-04	6.33E-03	7.18E-04	7.97E-03	9.40E-04	7.97E-03	9.40E-04	1.18E-02	1.34E-03	6.74E-03	7.72E-04	9.31E-05	1.06E-05	6.35E-03	7.20E-04	6.37E-05	7.26E-06	6.36E-03	7.21E-04	3.65E-01	4.35E-02	6.69E-01	6.54E-02
1516	Gridded	5.88E-03	6.46E-04	6.18E-06	7.15E-07	2.89E-03	3.28E-04	6.24E-03	6.95E-04	6.19E-03	6.88E-04	5.86E-03	6.44E-04	7.39E-03	8.51E-04	7.39E-03	8.51E-04	1.09E-02	1.20E-03	6.24E-03	6.95E-04	8.57E-05	9.92E-06	5.88E-03	6.45E-04	5.86E-05	6.79E-06	5.89E-03	6.47E-04	3.22E-01	4.28E-02	6.15E-01	5.71E-02
1517	Gridded	5.29E-03	5.86E-04	5.72E-06	6.66E-07	2.60E-03	2.98E-04	5.61E-03	6.31E-04	5.56E-03	6.25E-04	5.27E-03	5.84E-04	6.65E-03	7.77E-04	6.65E-03	7.77E-04	9.80E-03	1.09E-03	5.61E-03	6.31E-04	7.93E-05	9.24E-06	5.28E-03	5.85E-04	5.43E-05	6.32E-06	5.29E-03	5.87E-04	3.47E-01	4.80E-02	5.54E-01	6.89E-02
1518	Gridded	4.66E-03	4.56E-04	5.31E-06	5.36E-07	2.30E-03	2.33E-04	4.94E-03	4.92E-04	4.90E-03	4.87E-04	4.64E-03	4.54E-04	6.01E-03	6.10E-04	6.01E-03	6.10E-04	8.63E-03	8.44E-04	4.94E-03	4.92E-04	7.36E-05	7.44E-06	4.65E-03	4.55E-04	5.03E-05	5.09E-06	4.66E-03	4.56E-04	3.35E-01	5.13E-02	6.19E-01	6.49E-02
1519	Gridded	4.16E-03	4.02E-04	4.90E-06	4.13E-07	2.13E-03	2.00E-04	4.49E-03	4.28E-04	4.45E-03	4.25E-04	4.14E-03	4.01E-04	5.57E-03	5.12E-04	5.57E-03	5.12E-04	7.71E-03	7.46E-04	4.49E-03	4.28E-04	6.79E-05	5.73E-06	4.16E-03	4.02E-04	4.65E-05	3.92E-06	4.17E-03	4.03E-04	3.37E-01	5.28E-02	6.01E-01	7.32E-02
1520	Gridded	4.04E-03	4.74E-04	4.49E-06	5.41E-07	2.03E-03	2.34E-04	4.33E-03	5.04E-04	4.29E-03	4.99E-04	4.02E-03	4.72E-04	5.27E-03	6.01E-04	5.27E-03	6.01E-04	7.48E-03	8.77E-04	4.33E-03	5.04E-04	6.23E-05	7.50E-06	4.03E-03	4.73E-04	4.27E-05	5.13E-06	4.04E-03	4.74E-04	3.74E-01	5.64E-02	6.25E-01	8.33E-02
1521	Gridded	3.89E-03	4.41E-04	4.10E-06	4.83E-07	1.94E-03	2.19E-04	4.15E-03	4.69E-04	4.11E-03	4.65E-04	3.87E-03	4.39E-04	5.00E-03	5.62E-04	5.00E-03	5.62E-04	7.20E-03	8.17E-04	4.15E-03	4.69E-04	5.68E-05	6.69E-06	3.88E-03	4.40E-04	3.89E-05	4.58E-06	3.89E-03	4.41E-04	2.84E-01	4.50E-02	4.64E-01	7.01E-02
1522	Gridded	3.90E-03	3.52E-04	4.02E-06	3.46E-07	1.96E-03	1.75E-04	4.17E-03	3.75E-04	4.13E-03	3.72E-04	3.89E-03	3.50E-04	5.05E-03	4.51E-04	5.05E-03	4.51E-04	7.23E-03	6.51E-04	4.17E-03	3.75E-04	5.57E-05	4.80E-06	3.90E-03	3.51E-04	3.81E-05	3.29E-06	3.90E-03	3.52E-04	2.62E-01	2.99E-02	4.05E-01	5.06E-02
1523	Gridded	3.78E-03	3.49E-04	4.26E-06	3.43E-07	1.92E-03	1.74E-04	4.06E-03	3.72E-04	4.02E-03	3.69E-04	3.76E-03	3.47E-04	5.00E-03	4.47E-04	5.00E-03	4.47E-04	6.99E-03	6.46E-04	4.06E-03	3.72E-04	5.91E-05	4.76E-06	3.77E-03	3.48E-04	4.04E-05	3.26E-06	3.78E-03	3.49E-04	2.41E-01	2.68E-02	3.26E-01	4.68E-02
1524	Gridded	3.51E-03	3.38E-04	4.28E-06	3.30E-07	1.80E-03	1.68E-04	3.79E-03	3.60E-04	3.75E-03	3.57E-04	3.49E-03	3.37E-04	4.73E-03	4.33E-04	4.73E-03	4.33E-04	6.49E-03	6.27E-04	3.79E-03	3.60E-04	5.93E-05	4.57E-06	3.50E-03	3.38E-04	4.06E-05	3.13E-06	3.51E-03	3.38E-04	2.34E-01	2.70E-02	3.29E-01	4.30E-02
1525	Gridded	3.17E-03	3.36E-04	4.03E-06	3.20E-07	1.64E-03	1.67E-04	3.44E-03	3.57E-04	3.40E-03	3.54E-04	3.15E-03	3.35E-04	4.32E-03	4.27E-04	4.32E-03	4.27E-04	5.86E-03	6.22E-04	3.44E-03	3.57E-04	5.59E-05	4.44E-06	3.16E-03	3.35E-04	3.82E-05	3.04E-06	3.17E-03	3.36E-04	2.40E-01	2.93E-02	3.38E-01	4.92E-02
1526	Gridded	3.29E-03	4.17E-04	3.60E-06	3.72E-07	1.65E-03	2.05E-04	3.52E-03	4.42E-04	3.49E-03	4.39E-04	3.28E-03	4.16E-04	4.27E-03	5.24E-04	4.27E-03	5.24E-04	6.09E-03	7.73E-04	3.52E-03	4.42E-04	4.99E-05	5.15E-06	3.28E-03	4.17E-04	3.42E-05	3.53E-06	3.29E-03	4.17E-04	2.44E-01	3.82E-02	3.85E-01	6.71E-02
1527	Gridded	5.12E-03	5.60E-04	5.10E-06	5.78E-07	2.55E-03	2.72E-04	5.46E-03	5.91E-04	5.41E-03	5.87E-04	5.10E-03	5.59E-04	6.58E-03	6.91E-04	6.58E-03	6.91E-04	9.48E-03	1.04E-03	5.46E-03	5.91E-04	7.07E-05	8.01E-06	5.11E-03	5.60E-04	4.84E-05	5.48E-06	5.12E-03	5.61E-04	3.50E-01	4.91E-02	6.04E-01	9.14E-02
1528	Gridded	4.27E-03	4.48E-04	4.23E-06	5.16E-07	2.13E-03	2.28E-04	4.56E-03	4.83E-04	4.52E-03	4.78E-04	4.26E-03	4.46E-04	5.48E-03	5.96E-04	5.48E-03	5.96E-04	7.91E-03	8.30E-04	4.56E-03	4.83E-04	5.86E-05	7.15E-06	4.27E-03	4.47E-04	4.01E-05	4.89E-06	4.27E-03	4.48E-04	2.97E-01	4.17E-02	5.71E-01	8.04E-02
1529	Gridded	3.01E-03	3.23E-04	3.07E-06	3.85E-07	1.51E-03	1.66E-04	3.22E-03	3.49E-04	3.19E-03	3.46E-04	3.00E-03	3.22E-04	3.89E-03	4.34E-04	3.89E-03	4.34E-04	5.58E-03	5.99E-04	3.22E-03	3.49E-04	4.26E-05	5.34E-06	3.01E-03	3.23E-04	2.91E-05	3.66E-06	3.02E-03	3.24E-04	2.27E-01	3.19E-02	4.51E-01	6.16E-02
1530	Gridded	2.89E-03	3.21E-04	3.04E-06	3.76E-07	1.45E-03	1.64E-04	3.10E-03	3.46E-04	3.07E-03	3.43E-04	2.88E-03	3.20E-04	3.76E-03	4.29E-04	3.76E-03	4.29E-04	5.36E-03	5.95E-04	3.10E-03	3.46E-04	4.22E-05	5.22E-06	2.89E-03	3.21E-04	2.89E-05	3.57E-06	2.89E-03	3.21E-04	2.33E-01	2.93E-02	4.51E-01	5.69E-02
1531	Gridded	3.96E-03	4.86E-04	4.10E-06	5.41E-07	1.98E-03	2.40E-04	4.23E-03	5.16E-04	4.19E-03	5.12E-04	3.94E-03	4.85E-04	5.11E-03	6.14E-04	5.11E-03	6.14E-04	7.33E-03	9.01E-04	4.23E-03	5.16E-04	5.69E-05	7.50E-06	3.95E-03	4.86E-04	3.89E-05	5.13E-06	3.96E-03	4.87E-04	2.76E-01	5.17E-02	5.78E-01	7.01E-02
1532	Gridded	3.74E-03	4.39E-04	3.95E-06	4.91E-07	1.86E-03	2.16E-04	3.99E-03	4.66E-04	3.95E-03	4.62E-04	3.73E-03	4.38E-04	4.78E-03	5.52E-04	4.78E-03	5.52E-04	6.93E-03	8.14E-04	3.99E-03	4.66E-04	5.48E-05	6.81E-06	3.73E-03	4.39E-04	3.75E-05	4.66E-06	3.74E-03	4.39E-04	2.82E-01	5.11E-02	6.61E-01	7.02E-02
1533	Gridded	3.48E-03	4.00E-04	3.81E-06	4.48E-07	1.72E-03	1.96E-04	3.69E-03	4.24E-04	3.66E-03	4.20E-04	3.46E-03	3.99E-04	4.39E-03	5.10E-04	4.39E-03	5.10E-04	6.44E-03	7.41E-04	3.69E-03	4.24E-04	5.28E-05	6.21E-06	3.47E-03	4.00E-04	3.61E-05	4.25E-06	3.48E-03	4.00E-04	3.03E-01	5.10E-02	7.09E-01	7.04E-02
1534	Gridded	2.61E-03	3.66E-04	3.39E-06	3.82E-07	1.36E-03	1.84E-04	2.84E-03	3.91E-04	2.81E-03	3.88E-04	2.60E-03	3.64E-04	3.58E-03	4.75E-04	3.58E-03	4.75E-04	4.83E-03	6.77E-04	2.84E-03	3.91E-04	4.70E-05	5.29E-06	2.60E-03	3.65E-04	3.21E-05	3.62E-06	2.61E-03	3.66E-04	2.86E-01	4.65E-02	6.67E-01	6.28E-02
1535	Gridded	2.27E-03	3.50E-04	2.71E-06	3.83E-07	1.17E-03	1.77E-04	2.46E-03	3.76E-04	2.43E-03	3.72E-04	2.26E-03	3.49E-04	3.05E-03	4.60E-04	3.05E-03	4.60E-04	4.21E-03	6.49E-04	2.46E-03	3.76E-04	3.77E-05	5.31E-06	2.27E-03	3.50E-04	2.58E-05	3.63E-06	2.28E-03	3.51E-04	2.50E-01	4.04E-02	5.86E-01	5.51E-02
1536	Gridded	2.64E-03	3.92E-04	3.09E-06	4.38E-07	1.35E-03	1.99E-04	2.85E-03	4.22E-04	2.82E-03	4.18E-04	2.63E-03	3.91E-04	3.53E-03	5.18E-04	3.53E-03	5.18E-04	4.89E-03	7.27E-04	2.85E-03	4.22E-04	4.29E-05	6.08E-06	2.63E-03	3.92E-04	2.94E-05	4.16E-06	2.64E-03	3.93E-04	2.73E-01	4.10E-02	5.88E-01	8.23E-02
1537	Gridded	3.01E-03	4.36E-04	3.61E-06	4.99E-07	1.53E-03	2.22E-04	3.25E-03	4.70E-04	3.21E-03	4.65E-04	3.00E-03	4.34E-04	4.00E-03	5.79E-04	4.00E-03	5.79E-04	5.58E-03	8.08E-04	3.25E-03	4.70E-04	5.00E-05	6.92E-06	3.01E-03	4.35E-04	3.42E-05	4.73E-06	3.02E-03	4.36E-04	3.23E-01	5.05E-02	6.76E-01	1.13E-01
1538	Gridded	3.12E-03	4.35E-04	3.50E-06	4.74E-07	1.58E-03	2.20E-04	3.35E-03	4.66E-04	3.32E-03	4.62E-04	3.10E-03	4.33E-04	4.12E-03	5.70E-04	4.12E-03	5.70E-04	5.77E-03	8.05E-04	3.35E-03	4.66E-04	4.86E-05	6.57E-06	3.11E-03	4.34E-04	3.32E-05	4.50E-06	3.12E-03	4.35E-04	3.07E-01	5.18E-02	6.15E-01	1.06E-01
1539	Gridded	3.11E-03	4.50E-04	3.41E-06	4.79E-07	1.58E-03	2.27E-04	3.34E-03	4.82E-04	3.31E-03	4.78E-04	3.10E-03	4.48E-04	4.09E-03	5.87E-04	4.09E-03	5.87E-04	5.77E-03	8.34E-04	3.34E-03	4.82E-04	4.73E-05	6.64E-06	3.11E-03	4.49E-04	3.24E-05	4.55E-06	3.12E-03	4.50E-04	2.98E-01	5.01E-02	5.68E-01	9.92E-02
1540	Gridded	3.10E-03	4.53E-04	3.49E-06	5.03E-07	1.58E-03	2.27E-04	3.34E-03	4.85E-04	3.30E-03	4.80E-04	3.09E-03	4.51E-04	4.10E-03	5.88E-04	4.10E-03	5.88E-04	5.74E-03	8.39E-04	3.34E-03	4.85E-04	4.83E-05	6.98E-06	3.10E-03	4.52E-04	3.31E-05	4.77E-06	3.10E-03	4.53E-04	2.61E-01	4.59E-02	5.40E-01	8.28E-02
1541	Gridded	3.45E-03	5.03E-04	3.70E-06	6.10E-07	1.74E-03	2.54E-04	3.70E-03	5.40E-04	3.67E-03	5.35E-04	3.44E-03	5.01E-04	4.51E-03	6.61E-04	4.51E-03	6.61E-04	6.39E-03	9.31E-04	3.70E-03	5.40E-04	5.13E-05	8.45E-06	3.45E-03	5.02E-04	3.51E-05	5.78E-06	3.45E-03	5.03E-04	2.75E-01	4.59E-02	6.28E-01	6.86E-02
1542	Gridded	3.78E-03	6.23E-04	3.85E-06	7.90E-07	1.89E-03	3.23E-04	4.03E-03	6.77E-04	4.00E-03	6.69E-04	3.76E-03	6.21E-04	4.86E-03	8.50E-04	4.86E-03	8.50E-04	7.00E-03	1.15E-03	4.03E-03	6.77E-04	5.35E-05	1.10E-05	3.77E-03	6.22E-04	3.66E-05	7.49E-06	3.78E-03	6.24E-04	3.42E-01	5.98E-02	7.92E-01	9.11E-02
1543	Gridded	3.78E-03	7.28E-04	3.79E-06	8.79E-07	1.88E-03	3.74E-04	4.03E-03	7.88E-04	4.00E-03	7.79E-04	3.76E-03	7.25E-04	4.85E-03	9.80E-04	4.85E-03	9.80E-04	7.00E-03	1.35E-03	4.03E-03	7.88E-04	5.26E-05	1.22E-05	3.77E-03	7.27E-04	3.60E-05	8.34E-06	3.78E-03	7.29E-04	4.08E-01	7.30E-02	9.16E-01	1.02E-01
1544	Gridded	3.99E-03	6.64E-04	4.39E-06	7.87E-07	2.02E-03	3.40E-04	4.28E-03	7.16E-04	4.24E-03	7.09E-04	3.97E-03	6.61E-04	5.24E-03	8.88E-04	5.24E-03	8.88E-04	7.38E-03	1.23E-03	4.28E-03	7.16E-04	6.08E-05	1.09E-05	3.98E-03	6.63E-04	4.16E-05	7.47E-06	3.99E-03	6.64E-04	3.15E-01	7.05E-02	6.31E-01	9.67E-02
1545	Gridded	4.38E-03	7.34E-04	4.73E-06	9.73E-07	2.18E-03	3.83E-04	4.66E-03	8.00E-04	4.62E-03	7.91E-04	4.36E-03	7.31E-04	5.60E-03	1.01E-03	5.60E-03	1.01E-03	8.11E-03	1.36E-03	4.66E-03	8.00E-04	6.55E-05	1.35E-05	4.37E-03	7.33E-04	4.48E-05	9.24E-06	4.38E-03	7.35E-04	3.20E-01	7.72E-02	5.41E-01	1.10E-01
1546	Gridded	4.80E-03	9.47E-04	4.97E-06	1.22E-06	2.41E-03	4.92E-04	5.13E-03	1.03E-03	5.09E-03	1.02E-03	4.78E-03	9.43E-04	6.22E-03	1.30E-03	6.22E-03	1.30E-03	8.89E-03	1.75E-03	5.13E-03	1.03E-03	6.89E-05	1.70E-05	4.79E-03	9.46E-04	4.71E-05	1.16E-05	4.80E-03	9.48E-04	2.97E-01	9.28E-02	6.39E-01	1.15E-01
1547	Gridded	4.62E-03	1.17E-03	5.58E-06	1.47E-06	2.38E-03	6.07E-04	5.00E-03	1.27E-03	4.95E-03	1.26E-03	4.60E-03	1.17E-03	6.22E-03	1.60E-03	6.22E-03	1.60E-03	8.56E-03	2.17E-03	5.00E-03	1.27E-03	7.73E-05	2.04E-05	4.62E-03	1.17E-03	5.29E-05	1.40E-05	4.63E-03	1.17E-03	4.14E-01	1.02E-01	1.08E+00	1.46E-01
1548	Gridded	4.96E-03	1.25E-03	5.41E-06	1.47E-06	2.51E-03	6.38E-04	5.33E-03	1.35E-03	5.28E-03	1.33E-03	4.94E-03	1.24E-03	6.52E-03	1.67E-03	6.52E-03	1.67E-03	9.20E-03	2.31E-03	5.33E-03	1.35E-03	7.51E-05	2.05E-05	4.96E-03	1.24E-03	5.14E-05	1.40E-05	4.97E-03	1.25E-03	3.56E-01	1.09E-01	7.90E-01	1.46E-01
1549	Gridded	5.53E-03	1.07E-03	6.61E-06	1.09E-06	2.81E-03	5.36E-04	5.95E-03	1.15E-03	5.89E-03	1.14E-03	5.50E-03	1.07E-03	7.32E-03	1.38E-03	7.32E-03	1.38E-03	1.02E-02	1.99E-03	5.95E-03	1.15E-03	9.16E-05	1.51E-05	5.52E-03	1.07E-03	6.27E-05	1.03E-05	5.53E-03	1.07E-03	3.56E-01	8.53E-02	6.11E-01	1.19E-01
1550	Gridded	5.82E-03	8.54E-04	6.83E-06	9.28E-07	2.95E-03	4.32E-04	6.25E-03	9.17E-04	6.19E-03	9.08E-04	5.80E-03	8.51E-04	7.66E-03	1.12E-03	7.66E-03	1.12E-03	1.08E-02	1.58E-03	6.25E-03	9.17E-04	9.47E-05	1.29E-05	5.81E-03	8.53E-04	6.48E-05	8.80E-06	5.83E-03	8.55E-04	3.85E-01	9.02E-02	5.61E-01	1.22E-01
1551	Gridded	5.44E-03	7.57E-04	5.92E-06	8.60E-07	2.71E-03	3.78E-04	5.78E-03	8.08E-04	5.73E-03	8.01E-04	5.42E-03	7.54E-04	6.99E-03	9.75E-04	6.99E-03	9.75E-04	1.01E-02	1.40E-03	5.78E-03	8.08E-04	8.21E-05	1.19E-05	5.43E-03	7.55E-04	5.62E-05	8.16E-06	5.44E-03	7.57E-04	4.14E-01	7.57E-02	6.64E-01	9.50E-02
1552	Gridded	6.16E-03	1.13E-03	7.82E-06	1.47E-06	2.99E-03	5.71E-04	6.49E-03	1.21E-03	6.44E-03	1.20E-03	6.14E-03	1.13E-03	7.59E-03	1.48E-03	7.59E-03	1.48E-03	1.14E-02	2.09E-03	6.49E-03	1.21E-03	1.08E-04	2.03E-05	6.15E-03	1.13E-03	7.42E-05	1.39E-05	6.16E-03	1.13E-03	4.41E-01	9.81E-02	4.99E-01	1.53E-01
1553	Gridded	7.43E-03	1.81E-03	8.76E-06	2.25E-06	3.80E-03	9.34E-04	8.02E-03	1.96E-03	7.94E-03	1.94E-03	7.40E-03	1.80E-03	9.94E-03	2.45E-03	9.94E-03	2.45E-03	1.38E-02	3.35E-03	8.02E-03	1.96E-03	1.21E-04	3.12E-05	7.42E-03	1.81E-03	8.31E-05	2.13E-05	7.44E-03	1.81E-03	4.93E-01	1.85E-01	8.27E-01	1.74E-01
1554	Gridded	8.02E-03	1.03E-03	6.65E-06	1.32E-06	3.91E-03	4.91E-04	8.47E-03	1.08E-03	8.40E-03	1.07E-03	7.99E-03	1.02E-03	9.92E-03	1.25E-03	9.92E-03	1.25E-03	1.49E-02	1.90E-03	8.47E-03	1.08E-03	9.22E-05	1.83E-05	8.01E-03	1.03E-03	6.31E-05	1.25E-05	8.02E-03	1.03E-03	4.69E-01	9.52E-02	7.97E-01	1.13E-01
1555	Gridded	7.95E-03	1.16E-03	9.83E-06	1.39E-06	4.10E-03	5.67E-04	8.61E-03	1.23E-03	8.52E-03	1.22E-03	7.91E-03	1.15E-03	1.08E-02	1.45E-03	1.08E-02	1.45E-03	1.47E-02	2.14E-03	8.61E-03	1.23E-03	1.36E-04	1.93E-05	7.93E-03	1.16E-03	9.33E-05	1.32E-05	7.95E-03	1.16E-03	4.79E-01	1.29E-01	6.94E-01	1.35E-01
1556	Gridded	1.08E-02	1.09E-03	9.07E-06	1.66E-06	5.25E-03	5.63E-04	1.14E-02	1.18E-03	1.13E-02	1.17E-03	1.07E-02	1.08E-03	1.34E-02	1.48E-03	1.34E-02	1.48E-03	1.99E-02	2.02E-03	1.14E-02	1.18E-03	1.26E-04	2.31E-05	1.07E-02	1.09E-03	8.60E-05	1.58E-05	1.08E-02	1.09E-03	5.57E-01	1.91E-01	7.33E-01	2.17E-01
1557	Gridded	8.41E-03	1.23E-03	8.55E-06	1.65E-06	4.21E-03	6.45E-04	8.99E-03	1.35E-03	8.91E-03	1.33E-03	8.38E-03	1.23E-03	1.09E-02	1.71E-03	1.09E-02	1.71E-03	1.56E-02	2.28E-03	8.99E-03	1.35E-03	1.19E-04	2.28E-05	8.40E-03	1.23E-03	8.12E-05	1.56E-05	8.42E-03	1.24E-03	6.18E-01	1.92E-01	1.24E+00	1.89E-01
1558	Gridded	1.02E-02	1.01E-03	1.01E-05	9.87E-07	5.09E-03	4.88E-04	1.09E-02	1.06E-03	1.08E-02	1.06E-03	1.02E-02	1.01E-03	1.31E-02	1.23E-03	1.31E-02	1.23E-03	1.89E-02	1.87E-03	1.09E-02	1.06E-03	1.41E-04	1.37E-05	1.02E-02	1.01E-03	9.61E-05	9.37E-06	1.02E-02	1.01E-03	5.18E-01	1.34E-01	6.46E-01	1.52E-01
1559	Gridded	1.07E-02	8.54E-04	1.16E-05	1.06E-06	5.41E-03	4.41E-04	1.15E-02	9.26E-04	1.14E-02	9.16E-04	1.07E-02	8.50E-04	1.40E-02	1.16E-03	1.40E-02	1.16E-03	1.98E-02	1.58E-03	1.15E-02	9.26E-04	1.60E-04	1.47E-05	1.07E-02	8.53E-04	1.10E-04	1.00E-05	1.07E-02	8.55E-04	5.41E-01	7.99E-02	9.40E-01	8.84E-02
1560	Gridded	9.94E-03	1.10E-03	1.01E-05	9.91E-07	4.97E-03	5.40E-04	1.06E-02	1.16E-03	1.05E-02	1.15E-03	9.90E-03	1.09E-03	1.28E-02	1.38E-03	1.28E-02	1.38E-03	1.84E-02	2.03E-03	1.06E-02	1.16E-03	1.40E-04	1.37E-05	9.92E-03	1.09E-03	9.55E-05	9.41E-06	9.95E-03	1.10E-03	6.82E-01	1.09E-01	1.17E+00	1.24E-01
1561	Gridded	7.23E-03	6.95E-04	7.03E-06	8.81E-07	3.60E-03	3.60E-04	7.70E-03	7.55E-04	7.64E-03	7.46E-04	7.20E-03	6.92E-04	9.24E-03	9.47E-04	9.24E-03	9.47E-04	1.34E-02	1.29E-03	7.70E-03	7.55E-04	9.75E-05	1.22E-05	7.22E-03	6.94E-04	6.67E-05	8.36E-06	7.24E-03	6.96E-04	7.08E-01	6.91E-02	1.25E+00	8.82E-02
1562	Gridded	5.31E-03	1.40E-03	5.21E-06	1.33E-06	2.64E-03	6.93E-04	5.66E-03	1.49E-03	5.61E-03	1.47E-03	5.29E-03	1.39E-03	6.80E-03	1.78E-03	6.80E-03	1.78E-03	9.83E-03	2.59E-03	5.66E-03	1.49E-03	7.23E-05	1.84E-05	5.30E-03	1.40E-03	4.94E-05	1.26E-05	5.31E-03	1.40E-03	4.73E-01	1.03E-01	1.07E+00	9.59E-02
1563	Gridded	5.27E-03	1.49E-03	4.98E-06	1.41E-06	2.60E-03	7.40E-04	5.60E-03	1.59E-03	5.55E-03	1.58E-03	5.26E-03	1.49E-03	6.65E-03	1.90E-03	6.65E-03	1.90E-03	9.77E-03	2.77E-03	5.60E-03	1.59E-03	6.90E-05	1.95E-05	5.27E-03	1.49E-03	4.72E-05	1.34E-05	5.28E-03	1.50E-03	4.42E-01	9.59E-02	6.60E-01	1.32E-01
1564	Gridded	5.75E-03	1.15E-03	5.83E-06	1.08E-06	2.88E-03	5.71E-04	6.14E-03	1.23E-03	6.09E-03	1.22E-03	5.73E-03	1.15E-03	7.42E-03	1.46E-03	7.42E-03	1.46E-03	1.07E-02	2.14E-03	6.14E-03	1.23E-03	8.08E-05	1.49E-05	5.74E-03	1.15E-03	5.53E-05	1.02E-05	5.75E-03	1.16E-03	4.28E-01	8.71E-02	7.72E-01	1.03E-01
1565	Gridded	5.85E-03	6.58E-04	6.13E-06	6.31E-07	2.94E-03	3.27E-04	6.26E-03	7.00E-04	6.20E-03	6.94E-04	5.82E-03	6.55E-04	7.60E-03	8.39E-04	7.60E-03	8.39E-04	1.08E-02	1.22E-03	6.26E-03	7.00E-04	8.50E-05	8.75E-06	5.84E-03	6.57E-04	5.81E-05	5.99E-06	5.85E-03	6.58E-04	3.74E-01	5.48E-02	5.48E-01	8.12E-02
1566	Gridded	5.62E-03	8.03E-04	6.08E-06	5.57E-07	2.84E-03	3.84E-04	6.03E-03	8.41E-04	5.97E-03	8.36E-04	5.60E-03	8.01E-04	7.36E-03	9.63E-04	7.36E-03	9.63E-04	1.04E-02	1.49E-03	6.03E-03	8.41E-04	8.44E-05	7.73E-06	5.61E-03	8.02E-04	5.77E-05	5.29E-06	5.63E-03	8.04E-04	3.36E-01	4.32E-02	5.48E-01	5.27E-02
1567	Gridded	5.25E-03	6.00E-04	5.88E-06	4.53E-07	2.67E-03	2.80E-04	5.65E-03	6.21E-04	5.60E-03	6.18E-04	5.23E-03	5.99E-04	6.94E-03	6.91E-04	6.94E-03	6.91E-04	9.73E-03	1.11E-03	5.65E-03	6.21E-04	8.15E-05	6.28E-06	5.25E-03	6.00E-04	5.58E-05	4.30E-06	5.26E-03	6.00E-04	3.36E-01	5.00E-02	6.04E-01	6.07E-02
1568	Gridded	4.87E-03	5.86E-04	5.58E-06	5.74E-07	2.48E-03	2.92E-04	5.24E-03	6.25E-04	5.19E-03	6.20E-04	4.85E-03	5.84E-04	6.47E-03	7.51E-04	6.47E-03	7.51E-04	9.01E-03	1.09E-03	5.24E-03	6.25E-04	7.74E-05	7.96E-06	4.86E-03	5.85E-04	5.30E-05	5.45E-06	4.87E-03	5.87E-04	3.64E-01	4.91E-02	6.40E-01	6.84E-02
1569	Gridded	4.55E-03	6.33E-04	5.25E-06	6.36E-07	2.30E-03	3.16E-04	4.85E-03	6.76E-04	4.80E-03	6.70E-04	4.54E-03	6.30E-04	6.00E-03	8.15E-04	6.00E-03	8.15E-04	8.44E-03	1.17E-03	4.85E-03	6.76E-04	7.28E-05	8.82E-06	4.55E-03	6.32E-04	4.98E-05	6.03E-06	4.56E-03	6.33E-04	2.75E-01	3.75E-02	5.07E-01	5.07E-02
1570	Gridded	4.21E-03	6.07E-04	4.90E-06	6.31E-07	2.13E-03	3.05E-04	4.48E-03	6.50E-04	4.44E-03	6.44E-04	4.19E-03	6.05E-04	5.55E-03	7.88E-04	5.55E-03	7.88E-04	7.79E-03	1.13E-03	4.48E-03	6.50E-04	6.79E-05	8.75E-06	4.20E-03	6.06E-04	4.65E-05	5.98E-06	4.21E-03	6.08E-04	2.55E-01	3.47E-02	4.57E-01	5.23E-02
1571	Gridded	4.08E-03	5.82E-04	4.54E-06	6.06E-07	2.04E-03	2.88E-04	4.35E-03	6.19E-04	4.31E-03	6.14E-04	4.06E-03	5.80E-04	5.26E-03	7.42E-04	5.26E-03	7.42E-04	7.55E-03	1.08E-03	4.35E-03	6.19E-04	6.30E-05	8.40E-06	4.07E-03	5.81E-04	4.31E-05	5.75E-06	4.08E-03	5.82E-04	3.80E-01	4.29E-02	4.32E-01	7.29E-02
1572	Gridded	3.81E-03	6.34E-04	4.17E-06	5.90E-07	1.87E-03	3.13E-04	4.02E-03	6.74E-04	3.99E-03	6.68E-04	3.80E-03	6.31E-04	4.83E-03	8.03E-04	4.83E-03	8.03E-04	7.06E-03	1.17E-03	4.02E-03	6.74E-04	5.78E-05	8.18E-06	3.80E-03	6.33E-04	3.95E-05	5.60E-06	3.81E-03	6.34E-04	3.71E-01	5.36E-02	5.36E-01	8.45E-02
1573	Gridded	3.23E-03	3.40E-04	3.77E-06	3.88E-07	1.65E-03	1.73E-04	3.48E-03	3.66E-04	3.45E-03	3.62E-04	3.22E-03	3.38E-04	4.31E-03	4.51E-04	4.31E-03	4.51E-04	5.98E-03	6.29E-04	3.48E-03	3.66E-04	5.22E-05	5.38E-06	3.22E-03	3.39E-04	3.57E-05	3.68E-06	3.23E-03	3.40E-04	2.04E-01	3.52E-02	3.41E-01	4.74E-02
1574	Gridded	2.94E-03	2.88E-04	3.34E-06	3.14E-07	1.50E-03	1.45E-04	3.17E-03	3.08E-04	3.13E-03	3.05E-04	2.93E-03	2.87E-04	3.90E-03	3.74E-04	3.90E-03	3.74E-04	5.44E-03	5.33E-04	3.17E-03	3.08E-04	4.63E-05	4.36E-06	2.93E-03	2.88E-04	3.17E-05	2.98E-06	2.94E-03	2.88E-04	2.30E-01	3.49E-02	3.72E-01	4.93E-02
1575	Gridded	2.65E-03	2.95E-04	2.90E-06	3.08E-07	1.34E-03	1.48E-04	2.85E-03	3.15E-04	2.82E-03	3.12E-04	2.64E-03	2.94E-04	3.48E-03	3.81E-04	3.48E-03	3.81E-04	4.91E-03	5.46E-04	2.85E-03	3.15E-04	4.02E-05	4.27E-06	2.65E-03	2.94E-04	2.75E-05	2.92E-06	2.66E-03	2.95E-04	2.62E-01	3.37E-02	4.26E-01	5.00E-02
1576	Gridded	2.53E-03	3.02E-04	2.77E-06	3.26E-07	1.26E-03	1.49E-04	2.70E-03	3.21E-04	2.68E-03	3.18E-04	2.52E-03	3.01E-04	3.25E-03	3.83E-04	3.25E-03	3.83E-04	4.69E-03	5.59E-04	2.70E-03	3.21E-04	3.84E-05	4.52E-06	2.53E-03	3.01E-04	2.63E-05	3.09E-06	2.53E-03	3.02E-04	2.88E-01	3.07E-02	4.57E-01	4.58E-02
1577	Gridded	3.14E-03	3.55E-04	4.07E-06	4.09E-07	1.63E-03	1.76E-04	3.41E-03	3.78E-04	3.37E-03	3.74E-04	3.12E-03	3.54E-04	4.30E-03	4.57E-04	4.30E-03	4.57E-04	5.81E-03	6.58E-04	3.41E-03	3.78E-04	5.65E-05	5.67E-06	3.13E-03	3.55E-04	3.87E-05	3.88E-06	3.14E-03	3.55E-04	3.67E-01	3.29E-02	5.81E-01	5.18E-02
1578	Gridded	4.84E-03	4.53E-04	6.12E-06	5.15E-07	2.51E-03	2.31E-04	5.26E-03	4.88E-04	5.20E-03	4.83E-04	4.82E-03	4.52E-04	6.60E-03	6.01E-04	6.60E-03	6.01E-04	8.97E-03	8.40E-04	5.26E-03	4.88E-04	8.49E-05	7.14E-06	4.83E-03	4.53E-04	5.81E-05	4.88E-06	4.85E-03	4.54E-04	4.40E-01	3.59E-02	7.12E-01	5.60E-02
1579	Gridded	4.26E-03	4.20E-04	5.37E-06	4.03E-07	2.20E-03	2.07E-04	4.62E-03	4.46E-04	4.57E-03	4.43E-04	4.24E-03	4.19E-04	5.79E-03	5.31E-04	5.79E-03	5.31E-04	7.88E-03	7.78E-04	4.62E-03	4.46E-04	7.44E-05	5.59E-06	4.25E-03	4.20E-04	5.09E-05	3.82E-06	4.26E-03	4.20E-04	3.76E-01	3.07E-02	6.18E-01	4.55E-02
1580	Gridded	3.39E-03	3.64E-04	4.36E-06	3.35E-07	1.76E-03	1.80E-04	3.69E-03	3.86E-04	3.64E-03	3.83E-04	3.37E-03	3.63E-04	4.64E-03	4.60E-04	4.64E-03	4.60E-04	6.28E-03	6.74E-04	3.69E-03	3.86E-04	6.05E-05	4.65E-06	3.38E-03	3.63E-04	4.14E-05	3.18E-06	3.39E-03	3.64E-04	3.10E-01	2.80E-02	5.20E-01	4.04E-02
1581	Gridded	3.83E-03	3.98E-04	4.96E-06	3.68E-07	1.99E-03	1.96E-04	4.16E-03	4.22E-04	4.12E-03	4.19E-04	3.81E-03	3.97E-04	5.25E-03	5.00E-04	5.25E-03	5.00E-04	7.09E-03	7.38E-04	4.16E-03	4.22E-04	6.87E-05	5.10E-06	3.82E-03	3.98E-04	4.70E-05	3.49E-06	3.83E-03	3.99E-04	3.04E-01	3.19E-02	5.25E-01	4.93E-02
1582	Gridded	4.71E-03	5.09E-04	5.25E-06	4.93E-07	2.34E-03	2.52E-04	5.02E-03	5.41E-04	4.98E-03	5.36E-04	4.69E-03	5.07E-04	6.03E-03	6.47E-04	6.03E-03	6.47E-04	8.73E-03	9.43E-04	5.02E-03	5.41E-04	7.29E-05	6.84E-06	4.70E-03	5.08E-04	4.99E-05	4.68E-06	4.71E-03	5.09E-04	3.12E-01	4.72E-02	8.05E-01	6.96E-02
1583	Gridded	3.38E-03	4.71E-04	4.25E-06	4.79E-07	1.70E-03	2.36E-04	3.60E-03	5.03E-04	3.57E-03	4.99E-04	3.36E-03	4.69E-04	4.46E-03	6.08E-04	4.46E-03	6.08E-04	6.26E-03	8.72E-04	3.60E-03	5.03E-04	5.89E-05	6.65E-06	3.37E-03	4.70E-04	4.03E-05	4.55E-06	3.38E-03	4.71E-04	2.92E-01	4.13E-02	6.72E-01	8.60E-02
1584	Gridded	3.06E-03	4.28E-04	3.69E-06	4.60E-07	1.57E-03	2.16E-04	3.31E-03	4.59E-04	3.27E-03	4.55E-04	3.04E-03	4.26E-04	4.11E-03	5.60E-04	4.11E-03	5.60E-04	5.66E-03	7.92E-04	3.31E-03	4.59E-04	5.11E-05	6.38E-06	3.05E-03	4.27E-04	3.50E-05	4.37E-06	3.06E-03	4.28E-04	2.72E-01	4.37E-02	6.13E-01	9.63E-02
1585	Gridded	3.39E-03	4.35E-04	3.81E-06	4.86E-07	1.72E-03	2.21E-04	3.65E-03	4.68E-04	3.61E-03	4.63E-04	3.37E-03	4.33E-04	4.48E-03	5.74E-04	4.48E-03	5.74E-04	6.28E-03	8.05E-04	3.65E-03	4.68E-04	5.28E-05	6.74E-06	3.38E-03	4.34E-04	3.61E-05	4.61E-06	3.39E-03	4.35E-04	3.09E-01	5.27E-02	6.48E-01	1.14E-01
1586	Gridded	2.88E-03	4.01E-04	3.15E-06	4.78E-07	1.45E-03	2.05E-04	3.09E-03	4.33E-04	3.06E-03	4.28E-04	2.87E-03	3.99E-04	3.77E-03	5.38E-04	3.77E-03	5.38E-04	5.33E-03	7.42E-04	3.09E-03	4.33E-04	4.37E-05	6.63E-06	2.87E-03	4.00E-04	2.99E-05	4.54E-06	2.88E-03	4.01E-04	3.18E-01	5.58E-02	6.34E-01	1.14E-01
1587	Gridded	2.63E-03	3.63E-04	2.80E-06	4.37E-07	1.32E-03	1.86E-04	2.81E-03	3.91E-04	2.79E-03	3.87E-04	2.62E-03	3.62E-04	3.41E-03	4.87E-04	3.41E-03	4.87E-04	4.87E-03	6.72E-04	2.81E-03	3.91E-04	3.88E-05	6.06E-06	2.62E-03	3.62E-04	2.66E-05	4.14E-06	2.63E-03	3.63E-04	2.79E-01	4.70E-02	5.76E-01	9.45E-02
1588	Gridded	2.80E-03	4.20E-04	2.95E-06	5.08E-07	1.41E-03	2.16E-04	3.00E-03	4.54E-04	2.97E-03	4.49E-04	2.78E-03	4.18E-04	3.64E-03	5.65E-04	3.64E-03	5.65E-04	5.18E-03	7.77E-04	3.00E-03	4.54E-04	4.09E-05	7.04E-06	2.79E-03	4.19E-04	2.80E-05	4.82E-06	2.80E-03	4.20E-04	2.44E-01	4.36E-02	5.62E-01	8.14E-02
1589	Gridded	2.89E-03	4.70E-04	2.94E-06	5.67E-07	1.45E-03	2.42E-04	3.09E-03	5.08E-04	3.06E-03	5.03E-04	2.88E-03	4.68E-04	3.73E-03	6.33E-04	3.73E-03	6.33E-04	5.35E-03	8.71E-04	3.09E-03	5.08E-04	4.08E-05	7.87E-06	2.88E-03	4.69E-04	2.79E-05	5.38E-06	2.89E-03	4.71E-04	2.42E-01	4.01E-02	5.60E-01	6.18E-02
1590	Gridded	2.87E-03	5.34E-04	2.87E-06	6.33E-07	1.43E-03	2.74E-04	3.06E-03	5.77E-04	3.04E-03	5.71E-04	2.86E-03	5.32E-04	3.67E-03	7.16E-04	3.67E-03	7.16E-04	5.32E-03	9.89E-04	3.06E-03	5.77E-04	3.99E-05	8.78E-06	2.87E-03	5.33E-04	2.73E-05	6.01E-06	2.88E-03	5.35E-04	2.29E-01	4.65E-02	5.86E-01	6.86E-02
1591	Gridded	2.80E-03	5.73E-04	2.79E-06	6.63E-07	1.40E-03	2.92E-04	2.99E-03	6.17E-04	2.96E-03	6.11E-04	2.79E-03	5.70E-04	3.59E-03	7.63E-04	3.59E-03	7.63E-04	5.19E-03	1.06E-03	2.99E-03	6.17E-04	3.87E-05	9.19E-06	2.80E-03	5.72E-04	2.65E-05	6.29E-06	2.81E-03	5.73E-04	2.56E-01	5.32E-02	4.95E-01	7.44E-02
1592	Gridded	3.10E-03	6.20E-04	3.39E-06	6.84E-07	1.57E-03	3.14E-04	3.33E-03	6.66E-04	3.30E-03	6.60E-04	3.09E-03	6.17E-04	4.07E-03	8.16E-04	4.07E-03	8.16E-04	5.75E-03	1.15E-03	3.33E-03	6.66E-04	4.71E-05	9.49E-06	3.10E-03	6.19E-04	3.22E-05	6.49E-06	3.11E-03	6.21E-04	2.89E-01	5.89E-02	7.02E-01	7.62E-02
1593	Gridded	3.66E-03	6.75E-04	3.69E-06	8.02E-07	1.83E-03	3.46E-04	3.91E-03	7.29E-04	3.87E-03	7.21E-04	3.64E-03	6.72E-04	4.72E-03	9.04E-04	4.72E-03	9.04E-04	6.78E-03	1.25E-03	3.91E-03	7.29E-04	5.12E-05	1.11E-05	3.65E-03	6.74E-04	3.50E-05	7.61E-06	3.66E-03	6.75E-04	3.40E-01	6.40E-02	6.92E-01	9.27E-02
1594	Gridded	3.91E-03	8.04E-04	4.26E-06	9.47E-07	1.97E-03	4.11E-04	4.19E-03	8.68E-04	4.15E-03	8.59E-04	3.89E-03	8.00E-04	5.13E-03	1.07E-03	5.13E-03	1.07E-03	7.23E-03	1.49E-03	4.19E-03	8.68E-04	5.91E-05	1.31E-05	3.90E-03	8.02E-04	4.04E-05	8.99E-06	3.91E-03	8.04E-04	3.80E-01	7.48E-02	6.46E-01	1.01E-01
1595	Gridded	3.98E-03	8.73E-04	3.90E-06	1.05E-06	1.98E-03	4.48E-04	4.24E-03	9.44E-04	4.20E-03	9.34E-04	3.96E-03	8.69E-04	5.09E-03	1.17E-03	5.09E-03	1.17E-03	7.37E-03	1.62E-03	4.24E-03	9.44E-04	5.41E-05	1.45E-05	3.97E-03	8.71E-04	3.70E-05	9.92E-06	3.98E-03	8.74E-04	3.03E-01	7.65E-02	6.28E-01	9.66E-02
1596	Gridded	3.79E-03	9.65E-04	4.31E-06	1.15E-06	1.93E-03	4.95E-04	4.08E-03	1.04E-03	4.03E-03	1.03E-03	3.77E-03	9.61E-04	5.02E-03	1.29E-03	5.02E-03	1.29E-03	7.01E-03	1.79E-03	4.08E-03	1.04E-03	5.97E-05	1.59E-05	3.78E-03	9.64E-04	4.09E-05	1.09E-05	3.79E-03	9.66E-04	3.12E-01	7.70E-02	7.64E-01	1.11E-01
1597	Gridded	3.90E-03	1.04E-03	4.23E-06	1.20E-06	1.97E-03	5.32E-04	4.19E-03	1.12E-03	4.15E-03	1.11E-03	3.89E-03	1.04E-03	5.11E-03	1.39E-03	5.11E-03	1.39E-03	7.23E-03	1.93E-03	4.19E-03	1.12E-03	5.86E-05	1.67E-05	3.89E-03	1.04E-03	4.01E-05	1.14E-05	3.90E-03	1.04E-03	2.97E-01	8.71E-02	7.90E-01	1.22E-01
1598	Gridded	4.57E-03	1.11E-03	5.16E-06	1.14E-06	2.29E-03	5.56E-04	4.89E-03	1.19E-03	4.84E-03	1.18E-03	4.55E-03	1.11E-03	5.92E-03	1.44E-03	5.92E-03	1.44E-03	8.47E-03	2.06E-03	4.89E-03	1.19E-03	7.16E-05	1.58E-05	4.56E-03	1.11E-03	4.90E-05	1.08E-05	4.57E-03	1.11E-03	3.35E-01	8.67E-02	7.09E-01	1.15E-01
1599	Gridded	5.39E-03	8.47E-04	5.71E-06	1.05E-06	2.71E-03	4.37E-04	5.78E-03	9.18E-04	5.72E-03	9.08E-04	5.37E-03	8.43E-04	7.03E-03	1.15E-03	7.03E-03	1.15E-03	9.99E-03	1.57E-03	5.78E-03	9.18E-04	7.92E-05	1.45E-05	5.38E-03	8.46E-04	5.42E-05	9.95E-06	5.40E-03	8.48E-04	4.09E-01	9.54E-02	9.88E-01	1.71E-01

Scenario 4 Results

1600 Gridded	5.45E-03	7.91E-04	5.96E-06	9.14E-07	2.76E-03	3.95E-04	5.85E-03	8.45E-04	5.80E-03	8.37E-04	5.43E-03	7.88E-04	7.16E-03	1.02E-03	7.16E-03	1.02E-03	1.01E-02	1.47E-03	5.85E-03	8.45E-04	8.27E-05	1.27E-05	5.44E-03	7.90E-04	5.66E-05	8.67E-06	5.46E-03	7.92E-04	3.69E-01	1.02E-01	7.56E-01	1.42E-01
1601 Gridded	5.28E-03	6.59E-04	5.73E-06	8.78E-07	2.64E-03	3.30E-04	5.64E-03	7.04E-04	5.59E-03	6.98E-04	5.26E-03	6.56E-04	6.80E-03	8.50E-04	6.80E-03	8.50E-04	9.78E-03	1.22E-03	5.64E-03	7.04E-04	7.95E-05	1.22E-05	5.27E-03	6.58E-04	5.44E-05	8.33E-06	5.28E-03	6.60E-04	3.61E-01	7.29E-02	6.11E-01	1.07E-01
1602 Gridded	5.56E-03	8.87E-04	6.90E-06	1.32E-06	2.74E-03	4.46E-04	5.89E-03	9.50E-04	5.84E-03	9.42E-04	5.54E-03	8.84E-04	7.13E-03	1.16E-03	7.13E-03	1.16E-03	1.03E-02	1.64E-03	5.89E-03	9.50E-04	9.57E-05	1.84E-05	5.55E-03	8.86E-04	6.55E-05	1.26E-05	5.56E-03	8.88E-04	3.86E-01	7.82E-02	5.95E-01	1.18E-01
1603 Gridded	6.20E-03	1.77E-03	7.81E-06	2.00E-06	3.13E-03	8.98E-04	6.65E-03	1.90E-03	6.58E-03	1.89E-03	6.17E-03	1.77E-03	8.10E-03	2.33E-03	8.10E-03	2.33E-03	1.15E-02	3.28E-03	6.65E-03	1.90E-03	1.08E-04	2.77E-05	6.19E-03	1.77E-03	7.41E-05	1.89E-05	6.20E-03	1.77E-03	4.26E-01	1.85E-01	4.74E-01	2.19E-01
1604 Gridded	7.04E-03	1.44E-03	7.11E-06	1.14E-06	3.52E-03	6.92E-04	7.52E-03	1.51E-03	7.45E-03	1.50E-03	7.01E-03	1.44E-03	9.07E-03	1.74E-03	9.07E-03	1.74E-03	1.30E-02	2.67E-03	7.52E-03	1.51E-03	9.86E-05	1.58E-05	7.03E-03	1.44E-03	6.75E-05	1.08E-05	7.04E-03	1.44E-03	4.77E-01	9.62E-02	9.08E-01	1.05E-01
1605 Gridded	6.24E-03	1.15E-03	6.31E-06	1.48E-06	3.03E-03	5.90E-04	6.58E-03	1.24E-03	6.53E-03	1.23E-03	6.22E-03	1.14E-03	7.69E-03	1.55E-03	7.69E-03	1.55E-03	1.16E-02	2.12E-03	6.58E-03	1.24E-03	8.76E-05	2.05E-05	6.23E-03	1.14E-03	5.99E-05	1.40E-05	6.24E-03	1.15E-03	4.06E-01	1.07E-01	5.17E-01	1.27E-01
1606 Gridded	8.94E-03	8.88E-04	9.61E-06	1.10E-06	4.51E-03	4.59E-04	9.59E-03	9.63E-04	9.50E-03	9.52E-04	8.91E-03	8.84E-04	1.17E-02	1.20E-03	1.17E-02	1.20E-03	1.66E-02	1.64E-03	9.59E-03	9.63E-04	1.33E-04	1.53E-05	8.93E-03	8.86E-04	9.12E-05	1.05E-05	8.95E-03	8.89E-04	4.12E-01	1.01E-01	6.36E-01	1.11E-01
1607 Gridded	9.15E-03	8.70E-04	8.24E-06	1.35E-06	4.50E-03	4.64E-04	9.71E-03	9.53E-04	9.63E-03	9.40E-04	9.12E-03	8.66E-04	1.15E-02	1.25E-03	1.15E-02	1.25E-03	1.70E-02	1.61E-03	9.71E-03	9.53E-04	1.14E-04	1.87E-05	9.14E-03	8.68E-04	7.82E-05	1.28E-05	9.16E-03	8.71E-04	4.47E-01	1.41E-01	6.62E-01	1.64E-01
1608 Gridded	7.37E-03	1.17E-03	8.07E-06	1.67E-06	3.73E-03	6.20E-04	7.91E-03	1.28E-03	7.83E-03	1.27E-03	7.34E-03	1.16E-03	9.68E-03	1.65E-03	9.68E-03	1.65E-03	1.36E-02	2.17E-03	7.91E-03	1.28E-03	1.12E-04	2.32E-05	7.35E-03	1.17E-03	7.66E-05	1.59E-05	7.37E-03	1.17E-03	5.29E-01	1.38E-01	9.15E-01	1.53E-01
1609 Gridded	7.00E-03	1.18E-03	7.28E-06	1.26E-06	3.52E-03	5.95E-04	7.50E-03	1.27E-03	7.43E-03	1.25E-03	6.98E-03	1.18E-03	9.09E-03	1.54E-03	9.09E-03	1.54E-03	1.30E-02	2.19E-03	7.50E-03	1.27E-03	1.01E-04	1.75E-05	6.99E-03	1.18E-03	6.91E-05	1.20E-05	7.01E-03	1.18E-03	4.43E-01	1.13E-01	1.00E+00	1.21E-01
1610 Gridded	8.68E-03	4.94E-04	8.31E-06	6.63E-07	4.30E-03	2.45E-04	9.24E-03	5.26E-04	9.16E-03	5.22E-04	8.64E-03	4.93E-04	1.11E-02	6.29E-04	1.11E-02	6.29E-04	1.61E-02	9.16E-04	9.24E-03	5.26E-04	1.15E-04	9.20E-06	8.66E-03	4.94E-04	7.88E-05	6.29E-06	8.68E-03	4.95E-04	3.95E-01	6.81E-02	1.23E+00	1.03E-01
1611 Gridded	1.10E-02	9.49E-04	1.15E-05	1.05E-06	5.54E-03	4.77E-04	1.18E-02	1.02E-03	1.17E-02	1.01E-03	1.10E-02	9.45E-04	1.43E-02	1.23E-03	1.43E-02	1.23E-03	2.05E-02	1.76E-03	1.18E-02	1.02E-03	1.59E-04	1.46E-05	1.10E-02	9.47E-04	1.09E-04	9.98E-06	1.11E-02	9.49E-04	4.80E-01	8.43E-02	1.19E+00	8.76E-02
1612 Gridded	7.56E-03	9.11E-04	8.14E-06	8.30E-07	3.82E-03	4.49E-04	8.11E-03	9.67E-04	8.03E-03	9.59E-04	7.53E-03	9.07E-04	9.89E-03	1.15E-03	9.89E-03	1.15E-03	1.40E-02	1.69E-03	8.11E-03	9.67E-04	1.13E-04	1.15E-05	7.55E-03	9.09E-04	7.72E-05	7.88E-06	7.57E-03	9.11E-04	6.03E-01	9.36E-02	9.86E-01	1.15E-01
1613 Gridded	6.03E-03	7.05E-04	6.15E-06	8.32E-07	3.02E-03	3.61E-04	6.45E-03	7.61E-04	6.39E-03	7.53E-04	6.01E-03	7.02E-04	7.79E-03	9.43E-04	7.79E-03	9.43E-04	1.12E-02	1.31E-03	6.45E-03	7.61E-04	8.53E-05	1.15E-05	6.02E-03	7.04E-04	5.84E-05	7.90E-06	6.04E-03	7.06E-04	5.47E-01	5.98E-02	9.11E-01	7.65E-02
1614 Gridded	5.05E-03	1.33E-03	5.38E-06	1.29E-06	2.52E-03	6.61E-04	5.39E-03	1.42E-03	5.35E-03	1.40E-03	5.03E-03	1.32E-03	6.50E-03	1.70E-03	6.50E-03	1.70E-03	9.36E-03	2.46E-03	5.39E-03	1.42E-03	7.47E-05	1.78E-05	5.04E-03	1.33E-03	5.11E-05	1.22E-05	5.06E-03	1.33E-03	4.07E-01	7.79E-02	8.41E-01	8.24E-02
1615 Gridded	4.10E-03	1.02E-03	4.08E-06	9.77E-07	2.01E-03	5.04E-04	4.34E-03	1.08E-03	4.31E-03	1.07E-03	4.08E-03	1.01E-03	5.14E-03	1.30E-03	5.14E-03	1.30E-03	7.59E-03	1.88E-03	4.34E-03	1.08E-03	5.66E-05	1.36E-05	4.09E-03	1.01E-03	3.87E-05	9.27E-06	4.10E-03	1.02E-03	3.01E-01	8.44E-02	4.63E-01	1.01E-01
1616 Gridded	3.66E-03	1.11E-03	4.25E-06	1.04E-06	1.82E-03	5.47E-04	3.90E-03	1.18E-03	3.87E-03	1.17E-03	3.65E-03	1.10E-03	4.71E-03	1.40E-03	4.71E-03	1.40E-03	6.78E-03	2.05E-03	3.90E-03	1.18E-03	5.89E-05	1.44E-05	3.66E-03	1.10E-03	4.03E-05	9.84E-06	3.66E-03	1.11E-03	3.97E-01	6.95E-02	5.97E-01	7.24E-02
1617 Gridded	4.02E-03	8.26E-04	4.34E-06	7.77E-07	2.02E-03	4.09E-04	4.30E-03	8.78E-04	4.26E-03	8.71E-04	4.00E-03	8.23E-04	5.22E-03	1.05E-03	5.22E-03	1.05E-03	7.44E-03	1.53E-03	4.30E-03	8.78E-04	6.02E-05	1.08E-05	4.01E-03	8.25E-04	4.12E-05	7.38E-06	4.02E-03	8.26E-04	3.49E-01	6.03E-02	6.11E-01	7.51E-02
1618 Gridded	4.11E-03	5.77E-04	4.41E-06	5.75E-07	2.07E-03	2.88E-04	4.41E-03	6.16E-04	4.37E-03	6.11E-04	4.10E-03	5.75E-04	5.38E-03	7.42E-04	5.38E-03	7.42E-04	7.62E-03	1.07E-03	4.41E-03	6.16E-04	6.11E-05	7.97E-06	4.11E-03	5.76E-04	4.18E-05	5.45E-06	4.12E-03	5.78E-04	3.27E-01	3.87E-02	4.70E-01	5.60E-02
1619 Gridded	4.02E-03	8.27E-04	4.44E-06	6.11E-07	2.04E-03	3.98E-04	4.32E-03	8.68E-04	4.28E-03	8.63E-04	4.00E-03	8.25E-04	5.29E-03	1.00E-03	5.29E-03	1.00E-03	7.45E-03	1.53E-03	4.32E-03	8.68E-04	6.16E-05	8.47E-06	4.01E-03	8.26E-04	4.22E-05	5.80E-06	4.02E-03	8.28E-04	2.83E-01	3.92E-02	4.78E-01	5.72E-02
1620 Gridded	3.83E-03	7.63E-04	4.34E-06	4.39E-07	1.95E-03	3.58E-04	4.12E-03	7.93E-04	4.08E-03	7.89E-04	3.81E-03	7.62E-04	5.08E-03	8.89E-04	5.08E-03	8.89E-04	7.10E-03	1.42E-03	4.12E-03	7.93E-04	6.03E-05	6.08E-06	3.82E-03	7.63E-04	4.12E-05	4.16E-06	3.83E-03	7.64E-04	2.84E-01	4.72E-02	4.96E-01	5.32E-02
1621 Gridded	3.60E-03	4.97E-04	4.17E-06	4.12E-07	1.84E-03	2.30E-04	3.88E-03	5.13E-04	3.84E-03	5.11E-04	3.58E-03	4.96E-04	4.79E-03	5.64E-04	4.79E-03	5.64E-04	6.66E-03	9.23E-04	3.88E-03	5.13E-04	5.78E-05	5.71E-06	3.59E-03	4.97E-04	3.96E-05	3.91E-06	3.60E-03	4.98E-04	3.11E-01	4.45E-02	4.79E-01	5.84E-02
1622 Gridded	3.42E-03	5.31E-04	3.93E-06	5.10E-07	1.71E-03	2.64E-04	3.62E-03	5.66E-04	3.59E-03	5.61E-04	3.41E-03	5.29E-04	4.46E-03	6.77E-04	4.46E-03	6.77E-04	6.33E-03	9.84E-04	3.62E-03	5.66E-04	5.45E-05	7.08E-06	3.41E-03	5.30E-04	3.73E-05	4.84E-06	3.42E-03	5.32E-04	3.63E-01	4.17E-02	6.13E-01	5.80E-02
1623 Gridded	5.36E-03	6.02E-04	6.41E-06	5.89E-07	2.75E-03	3.00E-04	5.80E-03	6.42E-04	5.74E-03	6.36E-04	5.34E-03	6.00E-04	7.20E-03	7.71E-04	7.20E-03	7.71E-04	9.93E-03	1.12E-03	5.80E-03	6.42E-04	8.89E-05	8.17E-06	5.35E-03	6.01E-04	6.08E-05	5.59E-06	5.37E-03	6.03E-04	3.68E-01	4.28E-02	6.56E-01	5.49E-02
1624 Gridded	3.43E-03	5.14E-04	3.42E-06	5.24E-07	1.71E-03	2.57E-04	3.66E-03	5.50E-04	3.63E-03	5.45E-04	3.41E-03	5.12E-04	4.41E-03	6.65E-04	4.41E-03	6.65E-04	6.35E-03	9.53E-04	3.66E-03	5.50E-04	4.75E-05	7.27E-06	3.42E-03	5.14E-04	3.25E-05	4.97E-06	3.43E-03	5.15E-04	1.81E-01	2.91E-02	3.54E-01	4.30E-02
1625 Gridded	3.42E-03	4.46E-04	3.35E-06	4.69E-07	1.70E-03	2.24E-04	3.65E-03	4.78E-04	3.62E-03	4.73E-04	3.41E-03	4.44E-04	4.38E-03	5.80E-04	4.38E-03	5.80E-04	6.34E-03	8.26E-04	3.65E-03	4.78E-04	4.64E-05	6.50E-06	3.42E-03	4.45E-04	3.18E-05	4.45E-06	3.43E-03	4.47E-04	1.64E-01	2.53E-02	3.26E-01	3.90E-02
1626 Gridded	3.52E-03	4.02E-04	3.29E-06	4.31E-07	1.74E-03	2.03E-04	3.74E-03	4.31E-04	3.71E-03	4.27E-04	3.51E-03	4.00E-04	4.46E-03	5.26E-04	4.46E-03	5.26E-04	6.52E-03	7.45E-04	3.74E-03	4.31E-04	4.57E-05	5.98E-06	3.51E-03	4.01E-04	3.12E-05	4.09E-06	3.52E-03	4.02E-04	1.96E-01	3.01E-02	3.07E-01	3.98E-02
1627 Gridded	3.44E-03	3.48E-04	3.18E-06	3.74E-07	1.70E-03	1.73E-04	3.66E-03	3.71E-04	3.63E-03	3.68E-04	3.43E-03	3.47E-04	4.35E-03	4.49E-04	4.35E-03	4.49E-04	6.38E-03	6.45E-04	3.66E-03	3.71E-04	4.41E-05	5.18E-06	3.44E-03	3.48E-04	3.01E-05	3.54E-06	3.44E-03	3.48E-04	1.93E-01	3.24E-02	2.69E-01	3.99E-02
1628 Gridded	3.30E-03	3.94E-04	3.04E-06	3.68E-07	1.63E-03	1.95E-04	3.50E-03	4.19E-04	3.47E-03	4.15E-04	3.29E-03	3.92E-04	4.17E-03	4.99E-04	4.17E-03	4.99E-04	6.11E-03	7.30E-04	3.50E-03	4.19E-04	4.22E-05	5.10E-06	3.29E-03	3.93E-04	2.89E-05	3.49E-06	3.30E-03	3.94E-04	2.07E-01	3.76E-02	3.16E-01	5.06E-02
1629 Gridded	3.33E-03	5.38E-04	4.12E-06	4.81E-07	1.62E-03	2.64E-04	3.52E-03	5.70E-04	3.49E-03	5.66E-04	3.32E-03	5.36E-04	4.13E-03	6.76E-04	4.13E-03	6.76E-04	6.17E-03	9.96E-04	3.52E-03	5.70E-04	5.72E-05	6.68E-06	3.33E-03	5.37E-04	3.91E-05	4.57E-06	3.33E-03	5.38E-04	3.08E-01	4.76E-02	4.94E-01	7.63E-02
1630 Gridded	2.71E-03	3.69E-04	2.95E-06	3.50E-07	1.35E-03	1.82E-04	2.89E-03	3.92E-04	2.86E-03	3.89E-04	2.70E-03	3.68E-04	3.46E-03	4.67E-04	3.46E-03	4.67E-04	5.02E-03	6.84E-04	2.89E-03	3.92E-04	4.09E-05	4.86E-06	2.71E-03	3.69E-04	2.80E-05	3.33E-06	2.71E-03	3.69E-04	2.89E-01	3.64E-02	4.53E-01	6.48E-02
1631 Gridded	2.39E-03	2.85E-04	2.40E-06	3.30E-07	1.19E-03	1.45E-04	2.55E-03	3.07E-04	2.53E-03	3.04E-04	2.38E-03	2.83E-04	3.08E-03	3.79E-04	3.08E-03	3.79E-04	4.43E-03	5.27E-04	2.55E-03	3.07E-04	3.33E-05	4.58E-06	2.39E-03	2.84E-04	2.28E-05	3.13E-06	2.39E-03	2.85E-04	2.86E-01	2.94E-02	4.26E-01	5.73E-02
1632 Gridded	2.21E-03	3.48E-04	2.51E-06	3.93E-07	1.07E-03	1.77E-04	2.31E-03	3.74E-04	2.30E-03	3.70E-04	2.20E-03	3.46E-04	2.76E-03	4.60E-04	2.76E-03	4.60E-04	4.09E-03	6.44E-04	2.31E-03	3.74E-04	3.49E-05	5.45E-06	2.21E-03	3.47E-04	2.39E-05	3.73E-06	2.21E-03	3.48E-04	3.42E-01	3.13E-02	5.11E-01	6.31E-02
1633 Gridded	5.92E-03	5.41E-04	5.55E-06	5.57E-07	2.91E-03	2.71E-04	6.27E-03	5.79E-04	6.22E-03	5.73E-04	5.90E-03	5.39E-04	7.42E-03	7.01E-04	7.42E-03	7.01E-04	1.10E-02	1.00E-03	6.27E-03	5.79E-04	7.70E-05	7.72E-06	5.91E-03	5.40E-04	5.27E-05	5.28E-06	5.92E-03	5.42E-04	3.15E-01	5.81E-02	7.10E-01	1.21E-01
1634 Gridded	4.31E-03	4.32E-04	3.94E-06	4.90E-07	2.13E-03	2.20E-04	4.58E-03	4.65E-04	4.54E-03	4.61E-04	4.30E-03	4.30E-04	5.44E-03	5.73E-04	5.44E-03	5.73E-04	7.99E-03	8.00E-04	4.58E-03	4.65E-04	5.47E-05	6.80E-06	4.31E-03	4.31E-04	3.74E-05	4.65E-06	4.31E-03	4.33E-04	3.22E-01	5.70E-02	7.91E-01	1.21E-01
1635 Gridded	3.06E-03	4.59E-04	3.92E-06	5.04E-07	1.58E-03	2.32E-04	3.32E-03	4.93E-04	3.28E-03	4.88E-04	3.05E-03	4.57E-04	4.16E-03	6.03E-04	4.16E-03	6.03E-04	5.67E-03	8.49E-04	3.32E-03	4.93E-04	5.43E-05	6.99E-06	3.06E-03	4.58E-04	3.72E-05	4.78E-06	3.07E-03	4.59E-04	2.98E-01	5.15E-02	7.28E-01	1.04E-01
1636 Gridded	3.60E-03	5.44E-04	4.95E-06	5.91E-07	1.89E-03	2.75E-04	3.94E-03	5.84E-04	3.89E-03	5.78E-04	3.59E-03	5.42E-04	5.02E-03	7.13E-04	5.02E-03	7.13E-04	6.67E-03	1.01E-03	3.94E-03	5.84E-04	6.86E-05	8.19E-06	3.60E-03	5.43E-04	4.69E-05	5.61E-06	3.61E-03	5.45E-04	3.10E-01	4.97E-02	7.51E-01	9.79E-02
1637 Gridded	3.55E-03	5.83E-04	4.50E-06	6.32E-07	1.84E-03	2.95E-04	3.85E-03	6.26E-04	3.81E-03	6.20E-04	3.53E-03	5.81E-04	4.83E-03	7.64E-04	4.83E-03	7.64E-04	6.57E-03	1.08E-03	3.85E-03	6.26E-04	6.24E-05	8.76E-06	3.54E-03	5.83E-04	4.27E-05	6.00E-06	3.55E-03	5.84E-04	2.99E-01	4.59E-02	6.80E-01	7.68E-02
1638 Gridded	2.80E-03	6.01E-04	3.26E-06	6.48E-07	1.43E-03	3.03E-04	3.02E-03	6.45E-04	2.99E-03	6.38E-04	2.79E-03	5.99E-04	3.73E-03	7.86E-04	3.73E-03	7.86E-04	5.18E-03	1.11E-03	3.02E-03	6.45E-04	4.52E-05	8.98E-06	2.79E-03	6.00E-04	3.09E-05	6.15E-06	2.80E-03	6.01E-04	2.66E-01	4.49E-02	6.94E-01	6.99E-02
1639 Gridded	2.29E-03	5.53E-04	2.43E-06	6.00E-07	1.14E-03	2.79E-04	2.45E-03	5.94E-04	2.42E-03	5.88E-04	2.29E-03	5.51E-04	2.93E-03	7.25E-04	2.93E-03	7.25E-04	4.25E-03	1.02E-03	2.45E-03	5.94E-04	3.37E-05	8.32E-06	2.29E-03	5.52E-04	2.31E-05	5.69E-06	2.30E-03	5.53E-04	2.36E-01	4.64E-02	5.52E-01	6.46E-02
1640 Gridded	2.46E-03	5.46E-04	2.66E-06	5.81E-07	1.24E-03	2.75E-04	2.64E-03	5.86E-04	2.62E-03	5.80E-04	2.45E-03	5.44E-04	3.22E-03	7.13E-04	3.22E-03	7.13E-04	4.56E-03	1.01E-03	2.64E-03	5.86E-04	3.69E-05	8.06E-06	2.46E-03	5.46E-04	2.53E-05	5.51E-06	2.46E-03	5.47E-04	2.36E-01	4.86E-02	4.94E-01	6.44E-02
1641 Gridded	2.83E-03	5.23E-04	2.91E-06	5.98E-07	1.42E-03	2.64E-04	3.03E-03	5.60E-04	3.00E-03	5.55E-04	2.82E-03	5.21E-04	3.67E-03	6.88E-04	3.67E-03	6.88E-04	5.25E-03	9.69E-04	3.03E-03	5.60E-04	4.03E-05	8.30E-06	2.83E-03	5.22E-04	2.76E-05	5.68E-06	2.84E-03	5.24E-04	2.48E-01	4.77E-02	6.29E-01	6.83E-02
1642 Gridded	3.02E-03	6.38E-04	3.25E-06	7.19E-07	1.50E-03	3.24E-04	3.21E-03	6.86E-04	3.19E-03	6.79E-04	3.01E-03	6.35E-04	3.86E-03	8.44E-04	3.86E-03	8.44E-04	5.59E-03	1.18E-03	3.21E-03	6.86E-04	4.51E-05	9.97E-06	3.01E-03	6.37E-04	3.09E-05	6.82E-06	3.02E-03	6.38E-04	3.20E-01	5.71E-02	5.83E-01	8.03E-02
1643 Gridded	3.54E-03	7.76E-04	3.85E-06	9.35E-07	1.77E-03	3.94E-04	3.79E-03	8.34E-04	3.75E-03	8.26E-04	3.53E-03	7.73E-04	4.58E-03	1.02E-03	4.58E-03	1.02E-03	6.56E-03	1.44E-03	3.79E-03	8.34E-04	5.34E-05	1.30E-05	3.54E-03	7.75E-04	3.65E-05	8.87E-06	3.54E-03	7.77E-04	3.53E-01	6.71E-02	7.41E-01	8.78E-02
1644 Gridded	3.59E-03	8.81E-04	4.37E-06	1.16E-06	1.78E-03	4.60E-04	3.82E-03	9.59E-04	3.79E-03	9.48E-04	3.58E-03	8.77E-04	4.56E-03	1.21E-03	4.56E-03	1.21E-03	6.65E-03	1.63E-03	3.82E-03	9.59E-04	6.06E-05	1.61E-05	3.58E-03	8.79E-04	4.15E-05	1.10E-05	3.59E-03	8.82E-04	4.12E-01	6.95E-02	9.07E-01	1.26E-01
1645 Gridded	3.51E-03	8.94E-04	3.79E-06	1.05E-06	1.77E-03	4.55E-04	3.77E-03	9.63E-04	3.73E-03	9.53E-04	3.50E-03	8.90E-04	4.60E-03	1.19E-03	4.60E-03	1.19E-03	6.51E-03	1.66E-03	3.77E-03	9.63E-04	5.25E-05	1.46E-05	3.51E-03	8.92E-04	3.59E-05	9.99E-06	3.52E-03	8.95E-04	3.79E-01	6.98E-02	7.95E-01	1.02E-01
1646 Gridded	3.34E-03	9.30E-04	3.50E-06	1.06E-06	1.66E-03	4.73E-04	3.56E-03	1.00E-03	3.53E-03	9.92E-04	3.33E-03	9.26E-04	4.27E-03	1.23E-03	4.27E-03	1.23E-03	6.19E-03	1.72E-03	3.56E-03	1.00E-03	4.85E-05	1.47E-05	3.34E-03	9.29E-04	3.32E-05	1.00E-05	3.34E-03	9.31E-04	2.99E-01	7.69E-02	7.17E-01	1.10E-01
1647 Gridded	3.71E-03	9.14E-04	3.95E-06	9.61E-07	1.87E-03	4.60E-04	3.97E-03	9.79E-04	3.94E-03	9.70E-04	3.69E-03	9.10E-04	4.84E-03	1.19E-03	4.84E-03	1.19E-03	6.86E-03	1.69E-03	3.97E-03	9.79E-04	5.48E-05	1.33E-05	3.70E-03	9.13E-04	3.75E-05	9.12E-06	3.71E-03	9.15E-04	2.63E-01	7.15E-02	7.10E-01	9.92E-02
1648 Gridded	3.73E-03	7.14E-04	4.22E-06	7.84E-07	1.86E-03	3.56E-04	3.97E-03	7.62E-04	3.94E-03	7.55E-04	3.71E-03	7.12E-04	4.86E-03	9.18E-04	4.86E-03	9.18E-04	6.90E-03	1.32E-03	3.97E-03	7.62E-04	5.86E-05	1.09E-05	3.72E-03	7.13E-04	4.01E-05	7.44E-06	3.73E-03	7.15E-04	2.56E-01	5.36E-02	5.16E-01	9.34E-02
1649 Gridded	3.94E-03	6.39E-04	4.34E-06	7.19E-07	1.98E-03	3.22E-04	4.21E-03	6.85E-04	4.17E-03	6.78E-04	3.93E-03	6.36E-04	5.12E-03	8.33E-04	5.12E-03	8.33E-04	7.31E-03	1.18E-03	4.21E-03	6.85E-04	6.01E-05	9.97E-06	3.94E-03	6.38E-04	4.11E-05	6.82E-06	3.95E-03	6.39E-04	2.95E-01	7.53E-02	5.33E-01	1.23E-01
1650 Gridded	4.66E-03	6.27E-04	4.95E-06	7.83E-07	2.31E-03	3.12E-04	4.96E-03	6.68E-04	4.91E-03	6.63E-04	4.64E-03	6.25E-04	5.91E-03	8.03E-04	5.91E-03	8.03E-04	8.64E-03	1.16E-03	4.96E-03	6.68E-04	6.87E-05	1.09E-05	4.65E-03	6.26E-04	4.70E-05	7.43E-06	4.66E-03	6.27E-04	3.27E-01	8.70E-02	7.31E-01	1.20E-01
1651 Gridded	4.98E-03	6.35E-04	5.54E-06	8.84E-07	2.45E-03	3.35E-04	5.29E-03	6.95E-04	5.24E-03	6.86E-04	4.96E-03	6.32E-04	6.28E-03	8.88E-04	6.28E-03	8.88E-04	9.23E-03	1.18E-03	5.29E-03	6.95E-04	7.69E-05	1.23E-05	4.97E-03	6.34E-04	5.26E-05	8.39E-06	4.98E-03	6.36E-04	3.21E-01	7.41E-02	8.28E-01	1.24E-01
1652 Gridded	5.31E-03	7.31E-04	6.18E-06	1.22E-06	2.61E-03	3.86E-04	5.63E-03	7.83E-04	5.58E-03	7.75E-04	5.29E-03	7.29E-04	6.73E-03	1.05E-03	6.73E-03	1.05E-03	9.84E-03	1.35E-03	5.63E-03	7.83E-04	8.57E-05	1.70E-05	5.30E-03	7.30E-04	5.86E-05	1.16E-05	5.31E-03	7.32E-04	3.54E-01	8.79E-02	7.92E-01	1.20E-01
1653 Gridded	5.58E-03	1.66E-03	6.43E-06	2.01E-06	2.83E-03	8.51E-04	6.00E-03	1.79E-03	5.94E-03	1.77E-03	5.56E-03	1.65E-03	7.34E-03	2.23E-03	7.34E-03	2.23E-03	1.03E-02	3.07E-03	6.00E-03	1.79E-03	8.92E-05	2.79E-05	5.58E-03	1.65E-03	6.10E-05	1.91E-05	5.59E-03	1.66E-03	3.67E-01	1.59E-01	7.22E-01	2.22E-01
1654 Gridded	6.38E-03	1.66E-03	6.59E-06	1.54E-06	3.16E-03	8.18E-04	6.77E-03	1.76E-03	6.72E-03	1.75E-03	6.36E-03	1.65E-03	8.10E-03	2.10E-03	8.10E-03	2.10E-03	1.18E-02	3.07E-03	6.77E-03	1.76E-03	9.13E-05	2.13E-05	6.37E-03	1.65E-03	6.25E-05	1.46E-05	6.39E-03	1.66E-03	4.02E-01	1.17E-01	6.23E-01	1.31E-01
1655 Gridded	6.85E-03	8.16E-04	6.54E-06	1.18E-06	3.40E-03	4.30E-04	7.29E-03	8.87E-04	7.23E-03	8.76E-04	6.83E-03	8.14E-04	8.73E-03	1.15E-03	8.73E-03	1.15E-03	1.27E-02	1.51E-03	7.29E-03	8.87E-04	9.07E-05	1.64E-05	6.84E-03	8.16E-04	6.21E-05	1.12E-05	6.86E-03	8.17E-04	4.14E-01	8.82E-02	9.00E-01	1.23E-01
1656 Gridded	4.42E-03	1.08E-03	5.45E-06	1.24E-06	2.21E-03	5.50E-04	4.66E-03	1.16E-03	4.63E-03	1.15E-03	4.40E-03	1.07E-03	5.82E-03	1.43E-03	5.82E-03	1.43E-03	8.19E-03	2.00E-03	4.66E-03	1.16E-03	7.56E-05	1.72E-05	4.41E-03	1.08E-03	5.17E-05	1.17E-05	4.42E-03	1.08E-03	3.79E-01	1.12E-01	7.63E-01	1.35E-01
1657 Gridded	8.87E-03	7.62E-04	8.92E-06	9.46E-07	4.43E-03	3.86E-04	9.47E-03	8.19E-04	9.39E-03	8.11E-04	8.84E-03	7.59E-04	1.14E-02	1.00E-03	1.14E-02	1.00E-03	1.64E-02	1.41E-03	9.47E-03	8.19E-04	1.24E-04	1.31E-05	8.86E-03	7.61E-04	8.47E-05	8.98E-06	8.88E-03	7.63E-04	3.96E-01	8.60E-02	5.88E-01	9.55E-02
1658 Gridded	7.61E-03	8.25E-04	7.37E-06	1.25E-06	3.78E-03	4.42E-04	8.11E-03	9.09E-04	8.04E-03	8.97E-04	7.58E-03	8.20E-04	9.72E-03	1.18E-03	9.72E-03	1.18E-03	1.41E-02	1.53E-03	8.11E-03	9.09E-04	1.02E-04	1.73E-05	7.60E-03	8.23E-04	6.99E-05	1.19E-05	7.62E-03	8.26E-04	3.87E-01	1.20E-01	7.00E-01	1.43E-01
1659 Gridded	5.78E-03	9.97E-04	6.63E-06	1.46E-06	2.95E-03	5.31E-04	6.23E-03	1.10E-03	6.17E-03	1.08E-03	5.76E-03	9.92E-04	7.68E-03	1.42E-03	7.68E-03	1.42E-03	1.07E-02	1.85E-03	6.23E-03	1.10E-03	9.19E-05	2.03E-05	5.77E-03	9.95E-04	6.29E-05	1.39E-05	5.79E-03	9.99E-04	4.10E-01	1.26E-01	7.52E-01	1.47E-01
1660 Gridded	7.16E-03	8.95E-04	6.60E-06	1.17E-06	3.53E-03	4.53E-04	7.61E-03	9.42E-04	7.54E-03	9.35E-04	7.14E-03	8.92E-04	9.05E-03	1.20E-03	9.05E-03	1.20E-03	1.33E-02	1.66E-03	7.61E-03	9.42E-04	9.15E-05	1.62E-05	7.15E-03	8.94E-04	6.26E-05	1.11E-05	7.17E-03	8.95E-04	3.58E-01	7.05E-02	7.98E-01	1.05E-01
1661 Gridded	7.08E-03	7.28E-04	6.58E-06	7.34E-07	3.50E-03	3.57E-04	7.52E-03	7.71E-04	7.46E-03	7.65E-04	7.05E-03	7.25E-04	8.96E-03	9.12E-04	8.96E-03	9.12E-04	1.31E-02	1.35E-03	7.52E-03	7.71E-04	9.13E-05	1.02E-05	7.07E-03	7.27E-04	6.25E-05	6.97E-06	7.08E-03	7.28E-04	4.59E-01	8.30E-02	1.46E+00	1.22E-01
1662 Gridded	7.95E-03	6.78E-04	8.40E-06	8.11E-07	4.00E-03	3.48E-04	8.52E-03	7.32E-04	8.44E-03	7.25E-04	7.92E-03	6.75E-04	1.04E-02	9.10E-04	1.04E-02	9.10E-04	1.47E-02	1.25E-03	8.52E-03	7.32E-04	1.17E-04	1.13E-05	7.94E-03	6.76E-04	7.97E-05	7.70E-06	7.96E-03	6.78E-04	3.70E-01	6.68E-02	7.38E-01	7.84E-02
1663 Gridded	9.87E-03	9.27E-04	1.01E-05	9.99E-07	4.95E-03	4.63E-04	1.06E-02	9.90E-04	1.05E-02	9.81E-04	9.84E-03	9.24E-04	1.28E-02	1.19E-03	1.28E-02	1.19E-03	1.83E-02	1.72E-03	1.06E-02	9.90E-04	1.41E-04	1.39E-05	9.86E-03	9.26E-04	9.63E-05	9.48E-06	9.88E-03	9.28E-04	5.26E-01	7.96E-02	7.91E-01	8.83E-02
1664 Gridded	5.58E-03	7.15E-04	6.29E-06	6.59E-07	2.83E-03	3.53E-04	6.00E-03	7.60E-04	5.94E-03	7.54E-04	5.55E-03	7.13E-04	7.38E-03	9.04E-04	7.38E-03	9.04E-04	1.03E-02	1.33E-03	6.00E-03	7.60E-04	8.72E-05	9.14E-06	5.57E-03	7.14E-04	5.96E-05	6.25E-06	5.58E-03	7.16E-04	5.13E-01	7.58E-02	8.11E-01	9.59E-02
1665 Gridded	4.76E-03	6.83E-04	5.56E-06	7.59E-07	2.39E-03	3.46E-04	5.08E-03	7.34E-04	5.04E-03	7.27E-04	4.74E-03	6.80E-04	6.20E-03	9.00E-04	6.20E-03	9.00E-04	8.82E-03	1.26E-03	5.08E-03	7.34E-04	7.72E-05	1.05E-05	4.75E-03	6.81E-04	5.28E-05	7.20E-06	4.77E-03	6.83E-04	3.80E-01	5.21E-02	6.08E-01	6.69E-02
1666 Gridded	4.42E-03	1.02E-03	5.36E-06	1.00E-06	2.18E-03	5.06E-04	4.70E-03	1.08E-03	4.66E-03	1.07E-03	4.41E-03	1.01E-03	5.61E-03	1.30E-03	5.61E-03	1.30E-03	8.20E-03	1.88E-03	4.70E-03	1.08E-03	7.43E-05	1.39E-05	4.42E-03	1.01E-03	5.09E-05	9.50E-06	4.43E-03	1.02E-03	2.93E-01	5.68E-02	5.74E-01	6.42E-02
1667 Gridded	4.06E-03	9.75E-04	4.24E-06	9.05E-07	2.04E-03	4.82E-04	4.35E-03	1.04E-03	4.31E-03	1.03E-03	4.05E-03	9.72E-04	5.28E-03	1.23E-03	5.28E-03	1.23E-03	7.53E-03	1.81E-03	4.35E-03	1.04E-03	5.88E-05	1.25E-05	4.06E-03	9.74E-04	4.02E-05	8.58E-06	4.07E-03	9.76E-04	2.85E-01	6.94E-02	4.10E-01	7.61E-02
1668 Gridded	3.09E-03	1.01E-03	4.44E-06	9.55E-07	1.56E-03	5.01E-04	3.32E-03	1.08E-03	3.29E-03	1.07E-03	3.08E-03	1.01E-03	4.06E-03	1.28E-03	4.06E-03	1.28E-03	5.72E-03	1.87E-03	3.32E-03	1.08E-03	6.16E-05	1.32E-05	3.08E-03	1.01E-03	4.21E-05	9.06E-06	3.09E-03	1.01E-03	2.97E-01	5.55E-02	4.32E-01	7.43E-02
1669 Gridded	3.59E-03	9.71E-04	4.63E-06	9.10E-07	1.78E-03	4.80E-04	3.82E-03	1.03E-03	3.79E-03	1.02E-03	3.58E-03	9.68E-04	4.58E-03	1.23E-03	4.58E-03	1.23E-03	6.65E-03	1.80E-03	3.82E-03	1.03E-03	6.42E-05	1.26E-05	3.58E-03	9.70E-04	4.39E-05	8.64E-06	3.59E-03	9.72E-04	3.39E-01	6.02E-02	5.18E-01	6.74E-02
1670 Gridded	3.36E-03	6.69E-04	4.62E-06	6.36E-07	1.67E-03	3.32E-04	3.58E-03	7.12E-04	3.55E-03	7.06E-04	3.35E-03	6.67E-04	4.29E-03	8.51E-04	4.29E-03	8.51E-04	6.23E-03	1.24E-03	3.58E-03	7.12E-04	6.41E-05	8.81E-06	3.36E-03	6.68E-04	4.39E-05	6.03E-06	3.36E-03	6.69E-04	2.90E-01	4.67E-02	4.94E-01	5.95E-02
1671 Gridded	2.97E-03	5.50E-04	4.48E-06	5.71E-07	1.48E-03	2.76E-04	3.16E-03	5.89E-04	3.14E-03	5.83E-04	2.96E-03	5.48E-04	3.79E-03	7.13E-04	3.79E-03	7.13E-04	5.51E-03	1.02E-03	3.16E-03	5.89E-04	6.22E-05	7.91E-06	2.97E-03	5.49E-04	4.26E-05	5.41E-06	2.97E-03	5.50E-04	3.02E-01	3.11E-02	4.09E-01	4.36E-02
1672 Gridded	3.00E-03	8.17E-04	4.21E-06	6.52E-07	1.49E-03	3.96E-04	3.20E-03	8.61E-04	3.17E-03	8.55E-04	2.99E-03	8.14E-04	3.83E-03	1.00E-03	3.83E-03	1.00E-03	5.57E-03	1.51E-03	3.20E-03	8.61E-04	5.84E-05	9.04E-06	3.00E-03	8.16E-04	4.00E-05	6.19E-06	3.01E-03	8.17E-04	2.76E-01	4.17E-02	5.15E-01	6.54E-02
1673 Gridded	3.46E-03	9.08E-04	4.17E-06	5.75E-07	1.78E-03	4.30E-04	3.74E-03	9.46E-04	3.71E-03	9.41E-04	3.45E-03	9.06E-04	4.66E-03	1.07E-03	4.66E-03	1.07E-03	6.41E-03	1.68E-03	3.74E-03	9.46E-04	5.78E-05	7.98E-06	3.46E-03	9.07E-04	3.95E-05	5.46E-06	3.47E-03	9.08E-04	3.60E-01	4.61E-02	5.44E-01	7.16E-02
1674 Gridded	3.16E-03	6.90E-04	3.57E-06	3.76E-07	1.60E-03	3.21E-04	3.39E-03	7.15E-04	3.36E-03	7.11E-04	3.14E-03	6.89E-04	4.17E-03	7.94E-04	4.17E-03	7.94E-04	5.85E-03	1.28E-03	3.39E-03	7.15E-04	4.95E-05	5.22E-06	3.15E-03	6.90E-04	3.39E-05	3.57E-06	3.16E-03	6.91E-04	3.11E-01	4.62E-02	5.52E-01	5.73E-02
1675 Gridded	2.91E-03	4.66E-04	3.19E-06	3.92E-07	1.44E-03	2.14E-04	3.10E-03	4.80E-04	3.07E-03	4.78E-04	2.90E-03	4.65E-04	3.71E-03	5.30E-04	3.71E-03	5.30E-04	5.40E-03	8.64E-04	3.10E-03	4.80E-04	4.43E-05	5.43E-06	2.91E-03	4.65E-04	3.03E-05	3.72E-06	2.92E-03	4.66E-04	3.43E-01	4.14E-02	4.31E-01	5.57E-02
1676 Gridded	2.74E-03	4.27E-04	2.73E-06	4.12E-07	1.37E-03	2.12E-04	2.93E-03	4.55E-04	2.90E-03	4.51E-04	2.73E-03	4.26E-04	3.53E-03	5.45E-04	3.53E-03	5.45E-04	5.08E-03	7.92E-04	2.93E-03	4.55E-04	3.79E-05	5.71E-06	2.74E-03	4.27E-04	2.59E-05	3.91E-06	2.75E-03	4.28E-04	2.28E-01	2.85E-02	3.54E-01	3.88E-02
1677 Gridded	2.64E-03	4.39E-04	2.66E-06	4.32E-07	1.28E-03	2.19E-04	2.79E-03	4.68E-04	2.76E-03	4.64E-04	2.63E-03	4.37E-04	3.28E-03	5.63E-04	3.28E-03	5.63E-04	4.89E-03	8.13E-04	2.79E-03	4.68E-04	3.69E-05	6.00E-06	2.64E-03	4.38E-04	2.52E-05	4.10E-06	2.64E-03	4.39E-04	2.02E-01	2.41E-02	3.20E-01	3.46E-02
1678 Gridded	2.94E-03	4.29E-04	2.96E-06	4.32E-07	1.47E-03	2.14E-04	3.14E-03	4.58E-04	3.11E-03	4.54E-04	2.93E-03	4.27E-04	3.79E-03	5.52E-04	3.79E-03	5.52E-04	5.45E-03	7.94E-04	3.14E-03	4.58E-04	4.10E-05	5.98E-06	2.94E-03	4.28E-04	2.81E-05	4.09E-06	2.94E-03	4.29E-04	1.80E-01	2.33E-02	2.67E-01	3.42E-02
1679 Gridded	3.23E-03	4.09E-04	3.14E-06	4.19E-07	1.60E-03	2.05E-04	3.44E-03	4.38E-04	3.41E-03	4.34E-04	3.21E-03	4.08E-04	4.13E-03	5.29E-04	4.13E-03	5.29E-04	5.98E-03	7.58E-04	3.44E-03	4.38E-04	4.36E-05	5.81E-06	3.22E-03	4.09E-04	2.98E-05	3.98E-06	3.23E-03	4.10E-04	1.68E-01	2.30E-02	3.06E-01	3.51E-02
1680 Gridded	3.37E-03	5.14E-04	3.39E-06	4.58E-07	1.67E-03	2.53E-04	3.58E-03	5.45E-04	3.55E-03	5.41E-04	3.36E-03	5.12E-04	4.28E-03	6.45E-04	4.28E-03	6.45E-04	6.24E-03	9.53E-04	3.58E-03	5.45E-04	4.70E-05	6.35E-06	3.36E-03	5.13E-04	3.22E-05	4.34E-06	3.37E-03	5.14E-04	2.45E-01	3.58E-02	3.68E-01	3.84E-02
1681 Gridded	3.29E-03	5.04E-04	3.09E-06	4.49E-07	1.63E-03	2.48E-04	3.50E-03	5.34E-04	3.47E-03	5.30E-04	3.28E-03	5.02E-04	4.18E-03	6.32E-04	4.18E-03	6.32E-04	6.10E-03	9.33E-04	3.50E-03	5.34E-04	4.29E-05	6.22E-06	3.29E-03	5.03E-04	2.93E-05	4.26E-06	3.29E-03	5.04E-04	2.24E-01	3.84E-02	3.07E-01	4.44E-02
1682 Gridded	3.12E-03	3.92E-04	2.95E-06	3.56E-07	1.55E-03	1.93E-04	3.32E-03	4.16E-04	3.29E-03	4.13E-04	3.11E-03	3.91E-04	3.97E-03	4.94E-04	3.97E-03	4.94E-04	5.78E-03	7.26E-04	3.32E-03	4.16E-04	4.09E-05	4.94E-06	3.12E-03	3.91E-04	2.80E-05	3.38E-06	3.12E-03	3.92E-04	1.79E-01	3.35E-02	2.50E-01	4.23E-02
1683 Gridded	2.96E-03	4.59E-04	3.43E-06	4.11E-07	1.47E-03	2.26E-04	3.15E-03	4.87E-04	3.12E-03	4.83E-04	2.95E-03	4.57E-04	3.76E-03	5.77E-04	3.76E-03	5.77E-04	5.48E-03	8.50E-04	3.15E-03	4.87E-04	4.75E-05	5.69E-06	2.95E-03	4.58E-04	3.25E-05	3.90E-06	2.96E-03	4.59E-04	2.18E-01	3.84E-02	3.20E-01	5.09E-02
1684 Gridded	7.20E-03	6.54E-04	7.61E-06	7.74E-07	3.62E-03	3.26E-04	7.72E-03	6.98E-04	7.65E-03	6.92E-04	7.18E-03	6.51E-04	9.38E-03	8.42E-04	9.38E-03	8.42E-04	1.33E-02	1.21E-03	7.72E-03	6.98E-04	1.06E-04	1.07E-05	7.19E-03	6.53E-04	7.22E-05	7.35E-06	7.21E-03	6.54E-04	3.24E-01	4.63E-02	7.50E-01	9.03E-02
1685 Gridded	5.75E-03	6.35E-04	5.94E-06	6.44E-07	2.88E-03	3.18E-04	6.15E-03	6.79E-04	6.09E-03	6.72E-04	5.73E-03	6.33E-04	7.45E-03	8.20E-04	7.45E-03	8.20E-04	1.06E-02	1.18E-03	6.15E-03	6.79E-04	8.24E-05	8.93E-06	5.74E-03	6.34E-04	5.64E-05	6.11E-06	5.75E-03	6.36E-04	2.95E-01	4.37E-02	7.12E-01	7.79E-02
1686 Gridded	4.40E-03	6.29E-04	4.28E-06	6.37E-07	2.19E-03	3.15E-04	4.68E-03	6.72E-04	4.64E-03	6.66E-04	4.38E-03	6.27E-04	5.62E-03	8.12E-04	5.62E-03	8.12E-04	8.14E-03	1.17E-03	4.68E-03	6.72E-04	5.94E-05	8.84E-06	4.39E-03	6.28E-04	4.06E-05	6.05E-06	4.40E-03	6.30E-04	2.74E-01	4.19E-02	7.23E-01	7.17E-02
1687 Gridded	3.32E-03	6.38E-04	4.06E-06	6.37E-07	1.63E-03	3.19E-04	3.52E-03	6.81E-04	3.49E-03	6.75E-04	3.31E-03	6.36E-04	4.21E-03	8.21E-04	4.21E-03	8.21E-04	6.16E-03	1.18E-03	3.52E-03	6.81E-04	5.64E-05	8.84E-06	3.32E-03	6.37E-04	3.86E-05	6.05E-06	3.33E-03	6.39E-04	2.85E-01	4.61E-02	7.48E-01	6.96E-02
1688 Gridded	3.57E-03	6.24E-04	3.98E-06	6.12E-07	1.79E-03	3.11E-04	3.81E-03	6.65E-04	3.78E-03	6.59E-04	3.55E-03	6.22E-04	4.62E-03	7.99E-04	4.62E-03	7.99E-04	6.61E-03	1.16E-03	3.81E-03	6.65E-04	5.51E-05	8.49E-06	3.56E-03	6.23E-04	3.77E-05	5.81E-06	3.57E-03	6.24E-04	3.00E-01	4.83E-02	6.16E-01	6.43E-02
1689 Gridded	2.57E-03	5.26E-04	2.99E-06	5.39E-07	1.27E-03	2.62E-04	2.73E-03	5.61E-04	2.71E-03	5.56E-04	2.56E-03	5.24E-04	3.26E-03	6.75E-04	3.26E-03	6.75E-04	4.76E-03	9.74E-04	2.73E-03	5.61E-04	4.14E-05	7.47E-06	2.57E-03	5.25E-04	2.83E-05	5.11E-06	2.57E-03	5.26E-04	3.07E-01	4.46E-02	6.13E-01	6.15E-02
1690 Gridded	2.51E-03	5.25E-04	2.52E-06	5.70E-07	1.25E-03	2.65E-04	2.68E-03	5.64E-04	2.66E-03	5.58E-04	2.50E-03	5.23E-04	3.22E-03	6.88E-04	3.22E-03	6.88E-04	4.65E-03	9.73E-04	2.68E-03	5.64E-04	3.50E-05	7.91E-06	2.51E-03	5.24E-04	2.40E-05	5.41E-06	2.51E-03	5.26E-04	2.82E-01	4.53E-02	6.07E-01	6.49E-02
1691 Gridded	2.69E-03	5.86E-04	2.85E-06	6.37E-07	1.35E-03	2.96E-04	2.88E-03	6.29E-04	2.85E-03	6.23E-04	2.68E-03	5.84E-04	3.50E-03	7.69E-04	3.50E-03	7.69E-04	4.98E-03	1.09E-03	2.88E-03	6.29E-04	3.95E-05	8.84E-06	2.68E-03	5.85E-04	2.70E-05	6.05E-06	2.69E-03	5.87E-04	2.70E-01	5.04E-02	4.74E-01	6.93E-02
1692 Gridded	2.98E-03	6.84E-04	3.03E-06	8.66E-07	1.49E-03	3.54E-04	3.18E-03	7.43E-04	3.15E-03	7.34E-04	2.97E-03	6.81E-04	3.83E-03	9.32E-04	3.83E-03	9.32E-04	5.52E-03	1.27E-03	3.18E-03	7.43E-04	4.21E-05	1.20E-05	2.98E-03	6.83E-04	2.88E-05	8.22E-06	2.98E-03	6.85E-04	2.67E-01	5.60E-02	6.17E-01	7.32E-02
1693 Gridded	2.91E-03	8.13E-04	3.99E-06	1.01E-06	1.44E-03	4.20E-04	3.09E-03	8.82E-04	3.06E-03	8.72E-04	2.90E-03	8.10E-04	3.68E-03	1.10E-03	3.68E-03	1.10E-03	5.38E-03	1.51E-03	3.09E-03	8.82E-04	5.53E-05	1.40E-05	2.90E-03	8.12E-04	3.78E-05	9.59E-06	2.91E-03	8.14E-04	3.35E-01	5.72E-02	7.61E-01	1.04E-01
1694 Gridded	3.70E-03	9.09E-04	4.91E-06	1.08E-06	1.93E-03	4.66E-04	4.04E-03	9.82E-04	3.99E-03	9.72E-04	3.69E-03	9.05E-04	5.11E-03	1.22E-03	5.11E-03	1.22E-03	6.86E-03	1.68E-03	4.04E-03	9.82E-04	6.80E-05	1.50E-05	3.70E-03	9.07E-04	4.65E-05	1.02E-05	3.71E-03	9.10E-04	4.61E-01	7.24E-02	7.86E-01	1.18E-01

Scenario 4 Results

1695	Gridded	3.68E-03	9.26E-04	4.39E-06	1.04E-06	1.80E-03	4.71E-04	3.89E-03	9.97E-04	3.86E-03	9.87E-04	3.67E-03	9.22E-04	4.58E-03	1.22E-03	4.58E-03	1.22E-03	6.82E-03	1.72E-03	3.89E-03	9.97E-04	6.09E-05	1.44E-05	3.68E-03	9.25E-04	4.16E-05	9.89E-06	3.68E-03	9.27E-04	4.37E-01	8.08E-02	1.09E+00	1.22E-01
1696	Gridded	3.42E-03	9.32E-04	3.67E-06	1.00E-06	1.72E-03	4.70E-04	3.66E-03	9.99E-04	3.63E-03	9.90E-04	3.40E-03	9.28E-04	4.46E-03	1.22E-03	4.46E-03	1.22E-03	6.33E-03	1.73E-03	3.66E-03	9.99E-04	5.08E-05	1.39E-05	3.41E-03	9.30E-04	3.48E-05	9.49E-06	3.42E-03	9.33E-04	3.61E-01	7.21E-02	1.14E+00	1.09E-01
1697	Gridded	3.43E-03	8.95E-04	3.59E-06	9.72E-07	1.70E-03	4.45E-04	3.65E-03	9.54E-04	3.62E-03	9.46E-04	3.42E-03	8.91E-04	4.35E-03	1.15E-03	4.35E-03	1.15E-03	6.36E-03	1.66E-03	3.65E-03	9.54E-04	4.98E-05	1.35E-05	3.43E-03	8.93E-04	3.41E-05	9.22E-06	3.44E-03	8.95E-04	3.33E-01	7.07E-02	6.63E-01	1.08E-01
1698	Gridded	3.72E-03	6.44E-04	3.98E-06	7.44E-07	1.86E-03	3.29E-04	3.97E-03	6.94E-04	3.93E-03	6.87E-04	3.70E-03	6.41E-04	4.78E-03	8.57E-04	4.78E-03	8.57E-04	6.89E-03	1.19E-03	3.97E-03	6.94E-04	5.51E-05	1.03E-05	3.71E-03	6.43E-04	3.77E-05	7.06E-06	3.72E-03	6.45E-04	3.14E-01	7.10E-02	8.28E-01	1.32E-01
1699	Gridded	3.61E-03	5.46E-04	4.00E-06	6.90E-07	1.83E-03	2.82E-04	3.88E-03	5.92E-04	3.84E-03	5.86E-04	3.60E-03	5.44E-04	4.76E-03	7.42E-04	4.76E-03	7.42E-04	6.69E-03	1.01E-03	3.88E-03	5.92E-04	5.54E-05	9.56E-06	3.61E-03	5.46E-04	3.79E-05	6.54E-06	3.62E-03	5.47E-04	2.57E-01	7.68E-02	5.06E-01	1.21E-01
1700	Gridded	3.87E-03	5.19E-04	4.13E-06	6.83E-07	1.94E-03	2.71E-04	4.14E-03	5.65E-04	4.10E-03	5.59E-04	3.86E-03	5.17E-04	5.00E-03	7.15E-04	5.00E-03	7.15E-04	7.17E-03	9.61E-04	4.14E-03	5.65E-04	5.72E-05	9.47E-06	3.87E-03	5.18E-04	3.92E-05	6.48E-06	3.87E-03	5.20E-04	2.68E-01	7.04E-02	5.58E-01	9.39E-02
1701	Gridded	3.98E-03	5.72E-04	4.60E-06	7.33E-07	1.99E-03	2.97E-04	4.25E-03	6.22E-04	4.21E-03	6.15E-04	3.96E-03	5.69E-04	5.12E-03	7.82E-04	5.12E-03	7.82E-04	7.37E-03	1.06E-03	4.25E-03	6.22E-04	6.38E-05	1.02E-05	3.97E-03	5.71E-04	4.37E-05	6.96E-06	3.98E-03	5.73E-04	2.60E-01	5.83E-02	5.63E-01	9.93E-02
1702	Gridded	4.30E-03	5.87E-04	4.89E-06	9.46E-07	2.12E-03	3.18E-04	4.56E-03	6.51E-04	4.53E-03	6.42E-04	4.29E-03	5.83E-04	5.43E-03	8.58E-04	5.43E-03	8.58E-04	7.98E-03	1.09E-03	4.56E-03	6.51E-04	6.78E-05	1.31E-05	4.30E-03	5.86E-04	4.64E-05	8.98E-06	4.31E-03	5.88E-04	2.84E-01	6.69E-02	6.25E-01	9.33E-02
1703	Gridded	4.36E-03	1.28E-03	5.01E-06	1.60E-06	2.16E-03	6.63E-04	4.64E-03	1.39E-03	4.60E-03	1.38E-03	4.34E-03	1.28E-03	5.56E-03	1.74E-03	5.56E-03	1.74E-03	8.08E-03	2.38E-03	4.64E-03	1.39E-03	6.94E-05	2.22E-05	4.35E-03	1.28E-03	4.75E-05	1.52E-05	4.36E-03	1.28E-03	3.08E-01	1.12E-01	6.08E-01	1.55E-01
1704	Gridded	4.92E-03	1.34E-03	5.25E-06	1.39E-06	2.43E-03	6.71E-04	5.23E-03	1.43E-03	5.18E-03	1.42E-03	4.90E-03	1.33E-03	6.23E-03	1.74E-03	6.23E-03	1.74E-03	9.11E-03	2.48E-03	5.23E-03	1.43E-03	7.29E-05	1.92E-05	4.91E-03	1.34E-03	4.99E-05	1.32E-05	4.92E-03	1.34E-03	3.18E-01	1.18E-01	4.45E-01	1.15E-01
1705	Gridded	5.17E-03	8.95E-04	5.04E-06	7.88E-07	2.54E-03	4.39E-04	5.46E-03	9.48E-04	5.42E-03	9.41E-04	5.15E-03	8.92E-04	6.54E-03	1.12E-03	6.54E-03	1.12E-03	9.58E-03	1.66E-03	5.46E-03	9.48E-04	6.99E-05	1.09E-05	5.16E-03	8.94E-04	4.78E-05	7.48E-06	5.17E-03	8.95E-04	3.23E-01	7.16E-02	6.90E-01	1.16E-01
1706	Gridded	5.83E-03	9.94E-04	5.64E-06	1.20E-06	2.90E-03	5.11E-04	6.21E-03	1.08E-03	6.16E-03	1.06E-03	5.81E-03	9.90E-04	7.44E-03	1.34E-03	7.44E-03	1.34E-03	1.08E-02	1.84E-03	6.21E-03	1.08E-03	7.82E-05	1.67E-05	5.82E-03	9.92E-04	5.35E-05	1.14E-05	5.83E-03	9.95E-04	3.41E-01	8.78E-02	5.28E-01	1.14E-01
1707	Gridded	4.02E-03	7.63E-04	4.64E-06	9.31E-07	2.05E-03	3.87E-04	4.33E-03	8.20E-04	4.29E-03	8.12E-04	4.00E-03	7.60E-04	5.35E-03	1.00E-03	5.35E-03	1.00E-03	7.44E-03	1.41E-03	4.33E-03	8.20E-04	6.44E-05	1.29E-05	4.01E-03	7.61E-04	4.41E-05	8.84E-06	4.02E-03	7.63E-04	3.18E-01	8.97E-02	6.43E-01	1.07E-01
1708	Gridded	8.44E-03	6.64E-04	8.25E-06	1.08E-06	4.20E-03	3.55E-04	9.00E-03	7.31E-04	8.92E-03	7.22E-04	8.41E-03	6.60E-04	1.08E-02	9.50E-04	1.08E-02	9.50E-04	1.56E-02	1.23E-03	9.00E-03	7.31E-04	1.14E-04	1.50E-05	8.43E-03	6.63E-04	7.83E-05	1.02E-05	8.45E-03	6.65E-04	3.68E-01	6.83E-02	5.29E-01	7.83E-02
1709	Gridded	6.45E-03	8.40E-04	6.63E-06	1.24E-06	3.23E-03	4.47E-04	6.90E-03	9.23E-04	6.84E-03	9.12E-04	6.43E-03	8.35E-04	8.35E-03	1.19E-03	8.35E-03	1.19E-03	1.20E-02	1.55E-03	6.90E-03	9.23E-04	9.19E-05	1.72E-05	6.44E-03	8.38E-04	6.29E-05	1.17E-05	6.46E-03	8.41E-04	4.85E-01	1.09E-01	1.76E+00	1.34E-01
1710	Gridded	4.42E-03	8.47E-04	5.27E-06	1.24E-06	2.26E-03	4.51E-04	4.77E-03	9.31E-04	4.72E-03	9.19E-04	4.40E-03	8.43E-04	5.91E-03	1.20E-03	5.91E-03	1.20E-03	8.19E-03	1.57E-03	4.77E-03	9.31E-04	7.31E-05	1.72E-05	4.41E-03	8.45E-04	5.00E-05	1.18E-05	4.42E-03	8.48E-04	3.44E-01	1.18E-01	5.65E-01	1.39E-01
1711	Gridded	6.43E-03	9.52E-04	6.38E-06	7.86E-07	3.21E-03	4.63E-04	6.86E-03	1.00E-03	6.80E-03	9.97E-04	6.41E-03	9.49E-04	8.26E-03	1.18E-03	8.26E-03	1.18E-03	1.19E-02	1.77E-03	6.86E-03	1.00E-03	8.84E-05	1.09E-05	6.42E-03	9.51E-04	6.05E-05	7.46E-06	6.44E-03	9.53E-04	3.87E-01	8.62E-02	8.00E-01	1.01E-01
1712	Gridded	6.13E-03	1.07E-03	5.97E-06	9.66E-07	3.05E-03	5.28E-04	6.53E-03	1.14E-03	6.47E-03	1.13E-03	6.10E-03	1.07E-03	7.84E-03	1.35E-03	7.84E-03	1.35E-03	1.14E-02	1.99E-03	6.53E-03	1.14E-03	8.27E-05	1.34E-05	6.12E-03	1.07E-03	5.66E-05	9.16E-06	6.13E-03	1.07E-03	4.18E-01	8.75E-02	1.34E+00	1.25E-01
1713	Gridded	5.62E-03	4.96E-04	5.77E-06	6.28E-07	2.81E-03	2.46E-04	6.01E-03	5.28E-04	5.95E-03	5.24E-04	5.60E-03	4.94E-04	7.27E-03	6.33E-04	7.27E-03	6.33E-04	1.04E-02	9.19E-04	6.01E-03	5.28E-04	8.00E-05	8.71E-06	5.61E-03	4.95E-04	5.47E-05	5.96E-06	5.62E-03	4.96E-04	2.83E-01	5.99E-02	7.89E-01	8.14E-02
1714	Gridded	8.04E-03	7.75E-04	8.34E-06	8.76E-07	4.03E-03	3.94E-04	8.60E-03	8.34E-04	8.52E-03	8.26E-04	8.01E-03	7.72E-04	1.04E-02	1.03E-03	1.04E-02	1.03E-03	1.49E-02	1.44E-03	8.60E-03	8.34E-04	1.16E-04	1.21E-05	8.03E-03	7.74E-04	7.92E-05	8.31E-06	8.04E-03	7.76E-04	3.50E-01	6.13E-02	6.21E-01	7.95E-02
1715	Gridded	8.11E-03	8.29E-04	8.48E-06	8.85E-07	4.07E-03	4.18E-04	8.68E-03	8.89E-04	8.60E-03	8.81E-04	8.08E-03	8.26E-04	1.05E-02	1.08E-03	1.05E-02	1.08E-03	1.50E-02	1.54E-03	8.68E-03	8.89E-04	1.18E-04	1.23E-05	8.10E-03	8.28E-04	8.05E-05	8.40E-06	8.12E-03	8.30E-04	4.54E-01	7.21E-02	8.47E-01	8.31E-02
1716	Gridded	4.91E-03	6.16E-04	4.94E-06	6.18E-07	2.45E-03	3.08E-04	5.25E-03	6.58E-04	5.20E-03	6.52E-04	4.90E-03	6.14E-04	6.33E-03	7.93E-04	6.33E-03	7.93E-04	9.10E-03	1.14E-03	5.25E-03	6.58E-04	6.85E-05	8.57E-06	4.91E-03	6.15E-04	4.68E-05	5.86E-06	4.92E-03	6.17E-04	4.39E-01	6.59E-02	6.97E-01	8.95E-02
1717	Gridded	3.87E-03	5.56E-04	4.88E-06	6.16E-07	2.00E-03	2.82E-04	4.20E-03	5.98E-04	4.16E-03	5.92E-04	3.86E-03	5.54E-04	5.27E-03	7.33E-04	5.27E-03	7.33E-04	7.17E-03	1.03E-03	4.20E-03	5.98E-04	6.76E-05	8.54E-06	3.87E-03	5.56E-04	4.63E-05	5.84E-06	3.88E-03	5.57E-04	3.36E-01	4.15E-02	4.86E-01	5.28E-02
1718	Gridded	3.98E-03	7.47E-04	5.07E-06	7.48E-07	2.07E-03	3.73E-04	4.33E-03	7.98E-04	4.28E-03	7.90E-04	3.97E-03	7.44E-04	5.44E-03	9.61E-04	5.44E-03	9.61E-04	7.38E-03	1.38E-03	4.33E-03	7.98E-04	7.03E-05	1.04E-05	3.98E-03	7.46E-04	4.81E-05	7.09E-06	3.99E-03	7.48E-04	2.39E-01	4.53E-02	3.27E-01	5.00E-02
1719	Gridded	4.07E-03	9.96E-04	4.15E-06	9.35E-07	2.04E-03	4.93E-04	4.35E-03	1.06E-03	4.31E-03	1.05E-03	4.05E-03	9.93E-04	5.25E-03	1.26E-03	5.25E-03	1.26E-03	7.53E-03	1.85E-03	4.35E-03	1.06E-03	5.75E-05	1.30E-05	4.06E-03	9.95E-04	3.93E-05	8.87E-06	4.07E-03	9.97E-04	2.77E-01	6.05E-02	4.06E-01	7.42E-02
1720	Gridded	3.82E-03	8.66E-04	3.90E-06	8.24E-07	1.90E-03	4.29E-04	4.07E-03	9.22E-04	4.03E-03	9.14E-04	3.80E-03	8.63E-04	4.89E-03	1.10E-03	4.89E-03	1.10E-03	7.07E-03	1.61E-03	4.07E-03	9.22E-04	5.41E-05	1.14E-05	3.81E-03	8.65E-04	3.70E-05	7.82E-06	3.82E-03	8.67E-04	3.44E-01	6.16E-02	6.87E-01	1.19E-01
1721	Gridded	4.39E-03	9.59E-04	4.18E-06	8.96E-07	2.16E-03	4.74E-04	4.66E-03	1.02E-03	4.62E-03	1.01E-03	4.38E-03	9.56E-04	5.51E-03	1.22E-03	5.51E-03	1.22E-03	8.14E-03	1.78E-03	4.66E-03	1.02E-03	5.80E-05	1.24E-05	4.39E-03	9.58E-04	3.97E-05	8.50E-06	4.39E-03	9.60E-04	3.53E-01	5.32E-02	5.77E-01	7.40E-02
1722	Gridded	3.23E-03	7.67E-04	4.08E-06	7.22E-07	1.61E-03	3.80E-04	3.44E-03	8.15E-04	3.41E-03	8.09E-04	3.22E-03	7.64E-04	4.13E-03	9.74E-04	4.13E-03	9.74E-04	5.98E-03	1.42E-03	3.44E-03	8.15E-04	5.66E-05	1.00E-05	3.22E-03	7.66E-04	3.87E-05	6.85E-06	3.23E-03	7.67E-04	3.00E-01	4.75E-02	4.55E-01	5.56E-02
1723	Gridded	2.96E-03	5.34E-04	3.95E-06	5.10E-07	1.44E-03	2.65E-04	3.08E-03	5.68E-04	3.05E-03	5.63E-04	2.96E-03	5.32E-04	3.69E-03	6.80E-04	3.69E-03	6.80E-04	5.50E-03	9.89E-04	3.08E-03	5.68E-04	5.48E-05	7.08E-06	2.96E-03	5.33E-04	3.75E-05	4.84E-06	2.97E-03	5.34E-04	2.49E-01	3.62E-02	4.42E-01	4.65E-02
1724	Gridded	2.88E-03	5.39E-04	3.68E-06	5.87E-07	1.33E-03	2.72E-04	2.97E-03	5.78E-04	2.96E-03	5.73E-04	2.87E-03	5.37E-04	3.33E-03	7.07E-04	3.33E-03	7.07E-04	5.34E-03	9.98E-04	2.97E-03	5.78E-04	5.11E-05	8.14E-06	2.88E-03	5.38E-04	3.50E-05	5.57E-06	2.88E-03	5.39E-04	3.10E-01	3.35E-02	4.29E-01	4.92E-02
1725	Gridded	2.50E-03	6.51E-04	3.27E-06	5.65E-07	1.24E-03	3.19E-04	2.66E-03	6.89E-04	2.63E-03	6.83E-04	2.49E-03	6.49E-04	3.18E-03	8.12E-04	3.18E-03	8.12E-04	4.63E-03	1.21E-03	2.66E-03	6.89E-04	4.54E-05	7.83E-06	2.49E-03	6.50E-04	3.10E-05	5.36E-06	2.50E-03	6.51E-04	2.40E-01	3.30E-02	4.00E-01	5.26E-02
1726	Gridded	2.64E-03	7.58E-04	2.74E-06	5.35E-07	1.25E-03	3.63E-04	2.75E-03	7.95E-04	2.74E-03	7.89E-04	2.63E-03	7.56E-04	3.13E-03	9.12E-04	3.13E-03	9.12E-04	4.90E-03	1.41E-03	2.75E-03	7.95E-04	3.81E-05	7.42E-06	2.64E-03	7.58E-04	2.60E-05	5.08E-06	2.64E-03	7.59E-04	2.52E-01	3.75E-02	3.80E-01	6.07E-02
1727	Gridded	2.56E-03	6.42E-04	2.84E-06	3.82E-07	1.26E-03	3.02E-04	2.72E-03	6.68E-04	2.69E-03	6.65E-04	2.56E-03	6.41E-04	3.23E-03	7.52E-04	3.23E-03	7.52E-04	4.75E-03	1.19E-03	2.72E-03	6.68E-04	3.94E-05	5.30E-06	2.56E-03	6.42E-04	2.70E-05	3.63E-06	2.57E-03	6.43E-04	2.49E-01	3.62E-02	4.02E-01	4.64E-02
1728	Gridded	2.55E-03	4.40E-04	2.49E-06	2.79E-07	1.26E-03	2.05E-04	2.71E-03	4.55E-04	2.69E-03	4.53E-04	2.54E-03	4.39E-04	3.21E-03	5.05E-04	3.21E-03	5.05E-04	4.73E-03	8.16E-04	2.71E-03	4.55E-04	3.45E-05	3.87E-06	2.55E-03	4.39E-04	2.36E-05	2.65E-06	2.55E-03	4.40E-04	1.79E-01	3.14E-02	3.27E-01	4.03E-02
1729	Gridded	2.46E-03	3.44E-04	2.34E-06	3.23E-07	1.22E-03	1.70E-04	2.62E-03	3.66E-04	2.60E-03	3.63E-04	2.45E-03	3.43E-04	3.13E-03	4.37E-04	3.13E-03	4.37E-04	4.56E-03	6.38E-04	2.62E-03	3.66E-04	3.25E-05	4.48E-06	2.46E-03	3.44E-04	2.22E-05	3.07E-06	2.46E-03	3.44E-04	1.96E-01	2.83E-02	3.04E-01	3.78E-02
1730	Gridded	2.31E-03	3.80E-04	2.31E-06	3.62E-07	1.15E-03	1.88E-04	2.46E-03	4.04E-04	2.44E-03	4.01E-04	2.30E-03	3.78E-04	2.97E-03	4.83E-04	2.97E-03	4.83E-04	4.27E-03	7.03E-04	2.46E-03	4.04E-04	3.20E-05	5.02E-06	2.30E-03	3.79E-04	2.19E-05	3.44E-06	2.31E-03	3.80E-04	2.29E-01	2.49E-02	3.21E-01	3.33E-02
1731	Gridded	2.16E-03	3.94E-04	2.49E-06	3.82E-07	1.06E-03	1.96E-04	2.28E-03	4.20E-04	2.27E-03	4.16E-04	2.15E-03	3.92E-04	2.76E-03	5.03E-04	2.76E-03	5.03E-04	4.00E-03	7.30E-04	2.28E-03	4.20E-04	3.45E-05	5.30E-06	2.16E-03	3.93E-04	2.36E-05	3.63E-06	2.16E-03	3.94E-04	2.31E-01	2.25E-02	3.41E-01	3.25E-02
1732	Gridded	2.50E-03	3.89E-04	2.74E-06	3.85E-07	1.26E-03	1.94E-04	2.68E-03	4.15E-04	2.66E-03	4.12E-04	2.49E-03	3.88E-04	3.28E-03	4.99E-04	3.28E-03	4.99E-04	4.63E-03	7.21E-04	2.68E-03	4.15E-04	3.80E-05	5.33E-06	2.50E-03	3.89E-04	2.60E-05	3.65E-06	2.50E-03	3.90E-04	2.28E-01	2.25E-02	3.50E-01	3.27E-02
1733	Gridded	2.56E-03	3.57E-04	2.67E-06	3.60E-07	1.28E-03	1.78E-04	2.74E-03	3.81E-04	2.71E-03	3.78E-04	2.55E-03	3.56E-04	3.32E-03	4.60E-04	3.32E-03	4.60E-04	4.73E-03	6.61E-04	2.74E-03	3.81E-04	3.70E-05	4.99E-06	2.55E-03	3.57E-04	2.53E-05	3.41E-06	2.56E-03	3.57E-04	1.88E-01	2.06E-02	3.02E-01	3.05E-02
1734	Gridded	2.74E-03	4.09E-04	3.03E-06	3.66E-07	1.37E-03	2.01E-04	2.92E-03	4.34E-04	2.90E-03	4.30E-04	2.73E-03	4.07E-04	3.53E-03	5.14E-04	3.53E-03	5.14E-04	5.07E-03	7.58E-04	2.92E-03	4.34E-04	4.20E-05	5.07E-06	2.73E-03	4.08E-04	2.87E-05	3.47E-06	2.74E-03	4.09E-04	1.95E-01	2.82E-02	3.18E-01	3.15E-02
1735	Gridded	6.47E-03	7.10E-04	6.39E-06	7.77E-07	3.11E-03	3.52E-04	6.79E-03	7.55E-04	6.75E-03	7.49E-04	6.45E-03	7.08E-04	7.83E-03	9.01E-04	7.83E-03	9.01E-04	1.20E-02	1.32E-03	6.79E-03	7.55E-04	8.87E-05	1.08E-05	6.46E-03	7.10E-04	6.07E-05	7.38E-06	6.47E-03	7.11E-04	2.93E-01	4.36E-02	7.20E-01	6.65E-02
1736	Gridded	4.77E-03	6.40E-04	5.65E-06	6.02E-07	2.37E-03	3.17E-04	5.08E-03	6.81E-04	5.03E-03	6.75E-04	4.75E-03	6.38E-04	6.08E-03	8.13E-04	6.08E-03	8.13E-04	8.83E-03	1.19E-03	5.08E-03	6.81E-04	7.83E-05	8.34E-06	4.76E-03	6.39E-04	5.36E-05	5.71E-06	4.77E-03	6.41E-04	3.41E-01	4.45E-02	6.73E-01	5.97E-02
1737	Gridded	4.07E-03	5.63E-04	4.30E-06	5.51E-07	2.00E-03	2.79E-04	4.31E-03	5.99E-04	4.28E-03	5.94E-04	4.06E-03	5.61E-04	5.09E-03	7.15E-04	5.09E-03	7.15E-04	7.54E-03	1.04E-03	4.31E-03	5.99E-04	5.97E-05	7.64E-06	4.07E-03	5.63E-04	4.08E-05	5.23E-06	4.07E-03	5.64E-04	3.79E-01	4.31E-02	6.19E-01	5.91E-02
1738	Gridded	3.11E-03	5.67E-04	4.17E-06	5.66E-07	1.51E-03	2.83E-04	3.28E-03	6.05E-04	3.26E-03	6.00E-04	3.11E-03	5.65E-04	3.89E-03	7.29E-04	3.89E-03	7.29E-04	5.77E-03	1.05E-03	3.28E-03	6.05E-04	5.79E-05	7.85E-06	3.11E-03	5.66E-04	3.96E-05	5.37E-06	3.12E-03	5.67E-04	3.85E-01	4.49E-02	7.21E-01	6.47E-02
1739	Gridded	2.85E-03	5.97E-04	3.86E-06	5.96E-07	1.44E-03	2.98E-04	3.06E-03	6.37E-04	3.03E-03	6.31E-04	2.84E-03	5.95E-04	3.84E-03	7.68E-04	3.84E-03	7.68E-04	5.28E-03	1.11E-03	3.06E-03	6.37E-04	5.36E-05	8.27E-06	2.84E-03	5.96E-04	3.67E-05	5.66E-06	2.85E-03	5.97E-04	3.51E-01	4.89E-02	7.58E-01	6.94E-02
1740	Gridded	2.80E-03	6.14E-04	3.74E-06	7.29E-07	1.46E-03	3.15E-04	3.05E-03	6.64E-04	3.01E-03	6.57E-04	2.78E-03	6.12E-04	3.87E-03	8.23E-04	3.87E-03	8.23E-04	5.18E-03	1.14E-03	3.05E-03	6.64E-04	5.18E-05	1.01E-05	2.79E-03	6.13E-04	3.55E-05	6.92E-06	2.80E-03	6.15E-04	2.87E-01	4.95E-02	5.16E-01	6.68E-02
1741	Gridded	2.60E-03	7.10E-04	3.28E-06	8.47E-07	1.29E-03	3.64E-04	2.77E-03	7.67E-04	2.74E-03	7.59E-04	2.59E-03	7.06E-04	3.32E-03	9.52E-04	3.32E-03	9.52E-04	4.81E-03	1.31E-03	2.77E-03	7.67E-04	4.55E-05	1.18E-05	2.59E-03	7.08E-04	3.11E-05	8.04E-06	2.60E-03	7.10E-04	2.60E-01	4.94E-02	6.01E-01	6.95E-02
1742	Gridded	2.80E-03	7.89E-04	4.09E-06	9.30E-07	1.49E-03	4.04E-04	3.08E-03	8.52E-04	3.04E-03	8.43E-04	2.78E-03	7.86E-04	3.97E-03	1.06E-03	3.97E-03	1.06E-03	5.18E-03	1.46E-03	3.08E-03	8.52E-04	5.67E-05	1.29E-05	2.79E-03	7.88E-04	3.88E-05	8.83E-06	2.80E-03	7.90E-04	3.02E-01	4.93E-02	7.09E-01	9.47E-02
1743	Gridded	3.81E-03	8.40E-04	4.54E-06	9.58E-07	1.95E-03	4.28E-04	4.11E-03	9.05E-04	4.07E-03	8.96E-04	3.79E-03	8.37E-04	5.09E-03	1.11E-03	5.09E-03	1.11E-03	7.05E-03	1.56E-03	4.11E-03	9.05E-04	6.30E-05	1.33E-05	3.80E-03	8.39E-04	4.31E-05	9.09E-06	3.81E-03	8.41E-04	4.12E-01	6.49E-02	7.49E-01	1.09E-01
1744	Gridded	3.82E-03	8.25E-04	4.43E-06	9.07E-07	1.84E-03	4.18E-04	4.01E-03	8.87E-04	3.98E-03	8.78E-04	3.81E-03	8.22E-04	4.63E-03	1.09E-03	4.63E-03	1.09E-03	7.08E-03	1.53E-03	4.01E-03	8.87E-04	6.15E-05	1.26E-05	3.81E-03	8.24E-04	4.21E-05	8.61E-06	3.82E-03	8.26E-04	4.11E-01	7.65E-02	9.51E-01	1.14E-01
1745	Gridded	4.51E-03	9.69E-04	5.82E-06	1.02E-06	2.34E-03	4.88E-04	4.90E-03	1.04E-03	4.85E-03	1.03E-03	4.49E-03	9.65E-04	6.18E-03	1.26E-03	6.18E-03	1.26E-03	8.35E-03	1.80E-03	4.90E-03	1.04E-03	8.07E-05	1.42E-05	4.50E-03	9.68E-04	5.52E-05	9.71E-06	4.51E-03	9.70E-04	4.47E-01	7.83E-02	1.12E+00	1.30E-01
1746	Gridded	3.74E-03	1.12E-03	5.67E-06	1.28E-06	1.93E-03	5.52E-04	4.05E-03	1.19E-03	4.01E-03	1.18E-03	3.73E-03	1.11E-03	5.06E-03	1.42E-03	5.06E-03	1.42E-03	6.93E-03	2.07E-03	4.05E-03	1.19E-03	7.86E-05	1.78E-05	3.74E-03	1.12E-03	5.38E-05	1.22E-05	3.75E-03	1.12E-03	4.53E-01	8.88E-02	1.28E+00	1.57E-01
1747	Gridded	3.20E-03	9.09E-04	4.04E-06	9.76E-07	1.61E-03	4.59E-04	3.43E-03	9.75E-04	3.40E-03	9.66E-04	3.19E-03	9.06E-04	4.17E-03	1.19E-03	4.17E-03	1.19E-03	5.93E-03	1.68E-03	3.43E-03	9.75E-04	5.60E-05	1.35E-05	3.20E-03	9.08E-04	3.83E-05	9.26E-06	3.21E-03	9.10E-04	4.07E-01	7.80E-02	8.33E-01	1.23E-01
1748	Gridded	3.34E-03	5.84E-04	3.75E-06	8.22E-07	1.68E-03	2.92E-04	3.57E-03	6.24E-04	3.54E-03	6.18E-04	3.32E-03	5.81E-04	4.35E-03	7.53E-04	4.35E-03	7.53E-04	6.18E-03	1.08E-03	3.57E-03	6.24E-04	5.20E-05	1.14E-05	3.33E-03	5.83E-04	3.55E-05	7.80E-06	3.34E-03	5.84E-04	3.81E-01	8.33E-02	8.84E-01	1.47E-01
1749	Gridded	3.46E-03	6.05E-04	3.99E-06	6.77E-07	1.73E-03	3.06E-04	3.69E-03	6.49E-04	3.66E-03	6.43E-04	3.44E-03	6.03E-04	4.46E-03	7.93E-04	4.46E-03	7.93E-04	6.40E-03	1.12E-03	3.69E-03	6.49E-04	5.54E-05	9.38E-06	3.45E-03	6.04E-04	3.79E-05	6.42E-06	3.46E-03	6.06E-04	2.94E-01	8.03E-02	6.09E-01	1.24E-01
1750	Gridded	3.52E-03	5.13E-04	3.68E-06	6.36E-07	1.76E-03	2.65E-04	3.76E-03	5.56E-04	3.73E-03	5.50E-04	3.50E-03	5.11E-04	4.56E-03	6.95E-04	4.56E-03	6.95E-04	6.51E-03	9.50E-04	3.76E-03	5.56E-04	5.10E-05	8.83E-06	3.51E-03	5.12E-04	3.49E-05	6.04E-06	3.52E-03	5.14E-04	2.48E-01	6.54E-02	5.51E-01	9.88E-02
1751	Gridded	3.82E-03	6.58E-04	4.52E-06	8.05E-07	1.89E-03	3.34E-04	4.06E-03	7.02E-04	4.03E-03	6.95E-04	3.81E-03	6.56E-04	4.85E-03	8.78E-04	4.85E-03	8.78E-04	7.08E-03	1.22E-03	4.06E-03	7.02E-04	6.27E-05	1.12E-05	3.81E-03	6.57E-04	4.29E-05	7.64E-06	3.82E-03	6.59E-04	3.19E-01	7.01E-02	8.53E-01	1.36E-01
1752	Gridded	4.06E-03	6.19E-04	4.45E-06	9.23E-07	2.00E-03	3.30E-04	4.31E-03	6.81E-04	4.27E-03	6.72E-04	4.05E-03	6.15E-04	5.10E-03	8.83E-04	5.10E-03	8.83E-04	7.53E-03	1.14E-03	4.31E-03	6.81E-04	6.18E-05	1.28E-05	4.06E-03	6.17E-04	4.23E-05	8.76E-06	4.07E-03	6.19E-04	3.33E-01	8.07E-02	7.11E-01	1.27E-01
1753	Gridded	3.70E-03	1.18E-03	4.37E-06	1.53E-06	1.86E-03	6.16E-04	3.97E-03	1.29E-03	3.93E-03	1.27E-03	3.69E-03	1.18E-03	4.83E-03	1.62E-03	4.83E-03	1.62E-03	6.85E-03	2.19E-03	3.97E-03	1.29E-03	6.06E-05	2.12E-05	3.69E-03	1.18E-03	4.15E-05	1.45E-05	3.70E-03	1.19E-03	4.30E-01	9.30E-02	8.47E-01	1.31E-01
1754	Gridded	4.14E-03	1.17E-03	4.76E-06	1.27E-06	2.09E-03	5.90E-04	4.44E-03	1.25E-03	4.40E-03	1.24E-03	4.13E-03	1.16E-03	5.42E-03	1.53E-03	5.42E-03	1.53E-03	7.67E-03	2.16E-03	4.44E-03	1.25E-03	6.60E-05	1.77E-05	4.14E-03	1.16E-03	4.52E-05	1.21E-05	4.15E-03	1.17E-03	2.62E-01	1.20E-01	5.03E-01	1.47E-01
1755	Gridded	4.16E-03	9.46E-04	4.75E-06	8.19E-07	2.03E-03	4.63E-04	4.40E-03	1.00E-03	4.36E-03	9.93E-04	4.15E-03	9.42E-04	5.25E-03	1.18E-03	5.25E-03	1.18E-03	7.71E-03	1.75E-03	4.40E-03	1.00E-03	6.59E-05	1.14E-05	4.15E-03	9.44E-04	4.51E-05	7.77E-06	4.16E-03	9.46E-04	2.97E-01	6.80E-02	5.69E-01	8.21E-02
1756	Gridded	5.37E-03	5.96E-04	5.30E-06	7.78E-07	2.67E-03	3.10E-04	5.73E-03	6.48E-04	5.68E-03	6.41E-04	5.35E-03	5.93E-04	6.89E-03	8.19E-04	6.89E-03	8.19E-04	9.94E-03	1.10E-03	5.73E-03	6.48E-04	7.35E-05	1.08E-05	5.36E-03	5.95E-04	5.03E-05	7.38E-06	5.37E-03	5.97E-04	3.01E-01	5.84E-02	4.35E-01	8.01E-02
1757	Gridded	4.61E-03	8.51E-04	4.47E-06	1.00E-06	2.29E-03	4.35E-04	4.91E-03	9.19E-04	4.87E-03	9.09E-04	4.60E-03	8.47E-04	5.89E-03	1.14E-03	5.89E-03	1.14E-03	8.54E-03	1.58E-03	4.91E-03	9.19E-04	6.19E-05	1.39E-05	4.61E-03	8.50E-04	4.24E-05	9.49E-06	4.62E-03	8.52E-04	2.81E-01	7.04E-02	4.61E-01	8.60E-02
1758	Gridded	5.00E-03	6.39E-04	5.89E-06	8.35E-07	2.56E-03	3.26E-04	5.40E-03	6.89E-04	5.35E-03	6.82E-04	4.98E-03	6.36E-04	6.69E-03	8.51E-04	6.69E-03	8.51E-04	9.27E-03	1.18E-03	5.40E-03	6.89E-04	8.17E-05	1.16E-05	4.99E-03	6.38E-04	5.59E-05	7.92E-06	5.01E-03	6.39E-04	2.86E-01	6.71E-02	6.22E-01	9.27E-02
1759	Gridded	7.88E-03	7.23E-04	7.59E-06	1.17E-06	3.91E-03	3.93E-04	8.39E-03	8.02E-04	8.32E-03	7.91E-04	7.85E-03	7.18E-04	1.01E-02	1.06E-03	1.01E-02	1.06E-03	1.46E-02	1.34E-03	8.39E-03	8.02E-04	1.05E-04	1.62E-05	7.87E-03	7.21E-04	7.20E-05	1.11E-05	7.89E-03	7.24E-04	3.36E-01	7.06E-02	5.75E-01	9.04E-02
1760	Gridded	5.57E-03	8.11E-04	6.03E-06	1.17E-06	2.81E-03	4.30E-04	5.98E-03	8.89E-04	5.92E-03	8.78E-04	5.55E-03	8.06E-04	7.30E-03	1.15E-03	7.30E-03	1.15E-03	1.03E-02	1.50E-03	5.98E-03	8.89E-04	8.37E-05	1.62E-05	5.56E-03	8.09E-04	5.72E-05	1.11E-05	5.58E-03	8.11E-04	7.42E-01	9.65E-02	2.40E+00	1.20E-01
1761	Gridded	4.01E-03	8.15E-04	4.87E-06	9.70E-07	1.99E-03	4.12E-04	4.27E-03	8.75E-04	4.23E-03	8.67E-04	4.00E-03	8.12E-04	5.12E-03	1.07E-03	5.12E-03	1.07E-03	7.43E-03	1.51E-03	4.27E-03	8.75E-04	6.75E-05	1.34E-05	4.01E-03	8.14E-04	4.62E-05	9.20E-06	4.01E-03	8.16E-04	2.89E-01	1.01E-01	4.60E-01	1.20E-01
1762	Gridded	5.44E-03	9.42E-04	5.76E-06	8.86E-07	2.74E-03	4.66E-04	5.83E-03	1.00E-03	5.77E-03	9.94E-04	5.42E-03	9.39E-04	7.09E-03	1.20E-03	7.09E-03	1.20E-03	1.01E-02	1.75E-03	5.83E-03	1.00E-03	7.98E-05	1.23E-05	5.43E-03	9.41E-04	5.46E-05	8.41E-06	5.44E-03	9.43E-04	3.64E-01	8.60E-02	8.47E-01	9.82E-02
1763	Gridded	5.32E-03	1.11E-03	4.97E-06	1.11E-06	2.63E-03	5.52E-04	5.66E-03	1.18E-03	5.61E-03	1.17E-03	5.30E-03	1.10E-03	6.74E-03	1.42E-03	6.74E-03	1.42E-03	9.86E-03	2.05E-03	5.66E-03	1.18E-03	6.89E-05	1.54E-05	5.31E-03	1.10E-03	4.71E-05	1.05E-05	5.33E-03	1.11E-03	4.90E-01	7.79E-02	1.49E+00	1.22E-01
1764	Gridded	6.07E-03	5.96E-04	5.35E-06	5.75E-07	2.98E-03	2.95E-04	6.43E-03	6.34E-04	6.38E-03	6.29E-04	6.05E-03	5.94E-04	7.60E-03	7.56E-04	7.60E-03	7.56E-04	1.12E-02	1.11E-03	6.43E-03	6.34E-04	7.42E-05	7.98E-06	6.06E-03	5.96E-04	5.08E-05	5.46E-06	6.07E-03	5.97E-04	2.99E-01	6.83E-02	9.23E-01	8.98E-02
1765	Gridded	5.13E-03	6.90E-04	5.18E-06	6.62E-07	2.51E-03	3.23E-04	5.35E-03	7.16E-04	5.30E-03	7.12E-04	5.12E-03	6.88E-04	6.49E-03	8.02E-04	6.49E-03	8.02E-04	9.52E-03	1.28E-03	5.35E-03	7.16E-04	7.18E-05	9.19E-06	5.13E-03	6.89E-04	4.92E-05	6.29E-06	5.14E-03	6.90E-04	4.17E-01	6.49E-02	9.68E-01	8.52E-02
1766	Gridded	6.98E-03	7.54E-04	7.26E-06	8.23E-07	3.50E-03	3.81E-04	7.47E-03	8.09E-04	7.40E-03	8.02E-04	6.95E-03	7.51E-04	9.06E-03	9.90E-04	9.06E-03	9.90E-04	1.29E-02	1.40E-03	7.47E-03	8.09E-04	1.01E-04	1.14E-05	6.97E-03	7.53E-04	6.89E-05	7.81E-06	6.99E-03	7.55E-04	3.22E-01	5.52E-02	5.24E-01	9.72E-02
1767	Gridded	6.68E-03	7.41E-04	7.05E-06	7.58E-07	3.36E-03	3.71E-04	7.16E-03	7.92E-04	7.09E-03	7.85E-04	6.65E-03	7.38E-04	8.70E-03	9.58E-04	8.70E-03	9.58E-04	1.24E-02	1.37E-03	7.16E-03	7.92E-04	9.78E-05	1.05E-05	6.67E-03	7.40E-04	6.69E-05	7.19E-06	6.69E-03	7.41E-04	3.64E-01	6.35E-02	8.81E-01	7.64E-02
1768	Gridded	5.09E-03	4.94E-04	4.61E-06	4.90E-07	2.43E-03	2.46E-04	5.33E-03	5.27E-04	5.30E-03	5.22E-04	5.08E-03	4.92E-04	6.14E-03	6.34E-04	6.14E-03	6.34E-04	9.45E-03	9.15E-04	5.33E-03	5.27E-04	6.40E-05	6.79E-06	5.09E-03	4.93E-04	4.38E-05	4.65E-06	5.10E-03	4.94E-04	3.66E-01	5.38E-02	5.90E-01	8.21E-02
1769	Gridded	3.70E-03	4.64E-04	4.17E-06	5.06E-07	1.84E-03	2.35E-04	3.95E-03	4.98E-04	3.91E-03	4.93E-04	3.69E-03	4.62E-04	4.74E-03	6.09E-04	4.74E-03	6.09E-04	6.86E-03	8.59E-04	3.95E-03	4.98E-04	5.79E-05	7.01E-06	3.70E-03	4.63E-04	3.96E-05	4.80E-06	3.71E-03	4.64E-04	2.92E-01	3.75E-02	4.49E-01	4.90E-02
1770	Gridded	4.07E-03	6.15E-04	4.63E-06	6.81E-07	1.96E-03	3.07E-04	4.28E-03	6.57E-04	4.25E-03	6.51E-04	4.06E-03	6.12E-04	5.06E-03	7.93E-04	5.06E-03	7.93E-04	7.54E-03	1.14E-03	4.28E-03	6.57E-04	6.42E-05	9.44E-06	4.06E-03	6.14E-04	4.39E-05	6.46E-06	4.07E-03	6.15E-04	3.11E-01	3.94E-02	4.68E-01	4.97E-02
1771	Gridded	4.99E-03	9.24E-04	3.82E-06	8.78E-07	2.38E-03	4.58E-04	5.22E-03	9.84E-04	5.18E-03	9.75E-04	4.98E-03	9.21E-04	5.95E-03	1.18E-03	5.95E-03	1.18E-03	9.25E-03	1.71E-03	5.22E-03	9.84E-04	5.30E-05	1.22E-05	4.98E-03	9.23E-04	3.63E-05	8.33E-06	4.99E-03	9.25E-04	2.95E-01	5.16E-02	5.23E-01	7.29E-02
1772	Gridded	4.32E-03	8.02E-04	3.72E-06	7.44E-07	2.06E-03	3.96E-04	4.52E-03	8.52E-04	4.50E-03	8.45E-04	4.31E-03	7.99E-04	5.17E-03	1.02E-03	5.17E-03	1.02E-03	8.02E-03	1.49E-03	4.52E-03	8.52E-04	5.16E-05	1.03E-05	4.32E-03	8.01E-04	3.53E-05	7.06E-06	4.33E-03	8.03E-04	3.65E-01	6.31E-02	6.25E-01	1.06E-01
1773	Gridded	2.87E-03	7.50E-04	3.08E-06	7.08E-07	1.45E-03	3.72E-04	3.07E-03	7.98E-04	3.04E-03	7.91E-04	2.85E-03	7.48E-04	3.75E-03	9.53E-04	3.75E-03	9.53E-04	5.31E-03	1.39E-03	3.07E-03	7.98E-04	4.28E-05	9.81E-06	2.86E-03	7.49E-04	2.93E-05	6.71E-06	2.87E-03	7.51E-04	2.34E-01	3.95E-02	4.97E-01	7.15E-02
1774	Gridded	3.01E-03	7.12E-04	2.73E-06	6.69E-07	1.38E-03	3.52E-04	3.08E-03	7.57E-04	3.07E-03	7.50E-04	3.01E-03	7.09E-04	3.56E-03	9.03E-04	3.56E-03	9.03E-04	5.59E-03	1.32E-03	3.08E-03	7.57E-04	3.79E-05	9.28E-06	3.01E-03	7.11E-04	2.59E-05	6.35E-06	3.02E-03	7.12E-04	2.23E-01	4.12E-02	3.50E-01	4.51E-02
1775	Gridded	3.01E-03	5.74E-04	2.74E-06	5.45E-07	1.38E-03	2.84E-04	3.09E-03	6.11E-04	3.08E-03	6.05E-04	3.01E-03	5.72E-04	3.56E-03	7.30E-04	3.56E-03	7.30E-04	5.59E-03	1.06E-03	3.09E-03	6.11E-04	3.81E-05	7.55E-06	3.01E-03	5.73E-04	2.60E-05	5.17E-06	3.01E-03	5.74E-04	2.40E-01	3.59E-02	3.94E-01	4.29E-02
1776	Gridded	2.66E-03	3.97E-04	2.77E-06	3.81E-07	1.24E-03	1.97E-04	2.76E-03	4.22E-04	2.75E-03	4.19E-04	2.66E-03	3.95E-04	3.08E-03	5.06E-04	3.08E-03	5.06E-04	4.94E-03	7.35E-04	2.76E-03	4.22E-04	3.84E-05	5.28E-06	2.66E-03	3.96E-04	2.63E-05	3.61E-06	2.67E-03	3.97E-04	2.14E-01	2.69E-02	3.62E-01	3.45E-02
1777	Gridded	2.15E-03	3.96E-04	2.85E-06	4.57E-07	1.13E-03	2.02E-04	2.35E-03	4.27E-04	2.32E-03	4.23E-04	2.14E-03	3.94E-04	2.97E-03	5.27E-04	2.97E-03	5.27E-04	3.99E-03	7.33E-04	2.35E-03	4.27E-04	3.96E-05	6.34E-06	2.15E-03	3.95E-04	2.71E-05	4.34E-06	2.16E-03	3.96E-04	2.14E-01	2.28E-02	3.12E-01	3.19E-02
1778	Gridded	2.21E-03	5.67E-04	2.52E-06	5.31E-07	1.07E-03	2.80E-04	2.33E-03	6.03E-04	2.31E-03	5.98E-04	2.21E-03	5.65E-04	2.72E-03	7.19E-04	2.72E-03	7.19E-04	4.10E-03	1.05E-03	2.33E-03	6.03E-04	3.50E-05	7.36E-06	2.21E-03	5.66E-04	2.39E-05	5.03E-06	2.21E-03	5.67E-04	2.25E-01	3.01E-02	3.47E-01	4.88E-02
1779	Gridded	2.18E-03	5.84E-04	2.28E-06	4.58E-07	1.07E-03	2.83E-04	2.30E-03	6.15E-04	2.29E-03	6.11E-04	2.17E-03	5.83E-04	2.71E-03	7.16E-04	2.71E-03	7.16E-04	4.04E-03	1.08E-03	2.30E-03	6.15E-04	3.17E-05	6.35E-06	2.18E-03	5.84E-04	2.17E-05	4.35E-06	2.18E-03	5.85E-04	1.93E-01	2.66E-02	3.02E-01	4.27E-02
1780	Gridded	2.25E-03	5.69E-04	2.22E-06	3.82E-07	1.10E-03	2.71E-04	2.38E-03	5.95E-04	2.36E-03	5.92E-04	2.24E-03	5.68E-04	2.81E-03	6.79E-04	2.81E-03	6.79E-04	4.16E-03	1.06E-03	2.38E-03	5.95E-04	3.08E-05	5.30E-06	2.24E-03	5.69E-04	2.11E-05	3.62E-06	2.25E-03	5.70E-04	1.87E-01	2.82E-02	2.82E-01	3.99E-02
1781	Gridded	2.24E-03	5.10E-04	2.25E-06	2.99E-07	1.10E-03	2.40E-04	2.38E-03	5.30E-04	2.36E-03	5.28E-04	2.24E-03	5.09E-04	2.82E-03	5.96E-04	2.82E-03	5.96E-04	4.16E-03	9.46E-04	2.38E-03	5.30E-04	3.12E-05	4.14E-06	2.24E-03	5.10E-04	2.14E-05	2.83E-06	2.24E-03	5.11E-04	1.92E-01	3.01E-02	3.21E-01	3.70E-02
1782	Gridded	2.18E-03	4.07E-04	2.31E-06	2.62E-07	1.08E-03	1.90E-04	2.31E-03	4.22E-04	2.29E-03	4.20E-04	2.17E-03	4.07E-04	2.76E-03	4.68E-04	2.76E-03	4.68E-04	4.03E-03	7.56E-04	2.31E-03	4.22E-04	3.21E-05	3.63E-06	2.17E-03	4.07E-04	2.19E-05	2.49E-06	2.18E-03	4.08E-04	1.50E-01	2.89E-02	2.85E-01	3.74E-02
1783	Gridded	2.06E-03	3.14E-04	2.13E-06	2.94E-07	1.03E-03	1.55E-04	2.20E-03	3.34E-04	2.18E-03	3.31E-04	2.05E-03	3.13E-04	2.65E-03	3.98E-04	2.65E-03	3.98E-04	3.82E-03	5.82E-04	2.20E-03	3.34E-04	2.96E-05	4.07E-06	2.06E-03	3.14E-04	2.02E-05	2.79E-06	2.06E-03	3.14E-04	1.81E-01	2.57E-02	2.56E-01	3.41E-02
1784	Gridded	1.92E-03	3.27E-04	2.17E-06	3.12E-07	9.66E-04	1.62E-04	2.05E-03	3.48E-04	2.03E-03	3.46E-04	1.91E-03	3.26E-04	2.52E-03	4.17E-04	2.52E-03	4.17E-04	3.55E-03	6.07E-04	2.05E-03	3.48E-04	3.00E-05	4.32E-06	1.91E-03	3.27E-04	2.06E-05	2.96E-06	1.92E-03	3.28E-04	1.85E-01	2.10E-02	2.52E-01	2.78E-02
1785	Gridded	1.91E-03	3.35E-04	2.31E-06	3.24E-07	9.82E-04	1.66E-04	2.07E-03	3.57E-04	2.04E-03	3.54E-04	1.90E-03	3.34E-04	2.57E-03	4.28E-04	2.57E-03	4.28E-04	3.54E-03	6.21E-04	2.07E-03	3.57E-04	3.21E-05	4.49E-06	1.91E-03	3.35E-04	2.19E-05	3.07E-06	1.91E-03	3.35E-04	2.06E-01	1.90E-02	3.06E-01	2.75E-02
1786	Gridded	4.80E-03	6.15E-04	5.97E-06	6.25E-07	2.31E-03	3.03E-04	5.05E-03	6.53E-04	5.01E-03	6.48E-04	4.79E-03	6.13E-04	5.93E-03	7.77E-04	5.93E-03	7.77E-04	8.90E-03	1.14E-03	5.05E-03	6.53E-04	8.28E-05	8.66E-06	4.80E-03	6.14E-04	5.66E-05	5.93E-06	4.81E-03	6.15E-04	4.16E-01	4.04E-02	6.22E-01	5.54E-02
1787	Gridded	4.80E-03	6.25E-04	5.87E-06	5.89E-07	2.39E-03	3.09E-04	5.08E-03	6.64E-04	5.04E-03	6.58E-04	4.78E-03	6.23E-04	6.26E-03	7.90E-04	6.26E-03	7.90E-04	8.89E-03	1.16E-03	5.08E-03	6.64E-04	8.13E-05	8.17E-06	4.79E-03	6.24E-04	5.57E-05	5.59E-06	4.80E-03	6.26E-04	4.00E-01	4.39E-02	6.90E-01	6.57E-02
1788	Gridded	4.11E-03	6.36E-04	5.24E-06	6.96E-07	2.10E-03	3.22E-04	4.44E-03	6.83E-04	4.39E-03	6.77E-04	4.09E-03	6.34E-04	5.50E-03	8.36E-04	5.50E-03	8.36E-04	7.61E-03	1.18E-03	4.44E-03	6.83E-04	7.27E-05	9.65E-06	4.10E-03	6.35E-04	4.97E-05	6.60E-06	4.11E-03	6.37E-04	3.33E-01	4.60E-02	6.96E-01	6.49E-02
1789	Gridded	4.27E-03	7.69E-04	4.66E-06	8.50E-07	2.16E-03	3.90E-04	4.58E-03	8.27E-04	4.54E-03	8.19E-04	4.25E-03	7.66E-04	5.60E-03	1.01E-03	5.60E-03	1.01E-03	7.91E-03	1.42E-03	4.58E-03	8.27E-04	6.47E-05	1.18E-05	4.26E-03	7.68E-04	4.43E-05	8.06E-06	4.27E-03	7.70E-04	2.83E-01	4.68E-02	5.40E-01	6.26E-02

Scenario 4 Results

1790	Gridded	5.43E-03	9.42E-04	6.23E-06	1.02E-06	2.77E-03	4.76E-04	5.85E-03	1.01E-03	5.79E-03	1.00E-03	5.40E-03	9.38E-04	7.21E-03	1.24E-03	7.21E-03	1.24E-03	1.00E-02	1.75E-03	5.85E-03	1.01E-03	8.64E-05	1.42E-05	5.42E-03	9.41E-04	5.91E-05	9.70E-06	5.43E-03	9.43E-04	3.36E-01	4.72E-02	7.89E-01	9.13E-02
1791	Gridded	5.10E-03	8.94E-04	5.74E-06	9.81E-07	2.59E-03	4.52E-04	5.49E-03	9.60E-04	5.43E-03	9.51E-04	5.08E-03	8.90E-04	6.74E-03	1.17E-03	6.74E-03	1.17E-03	9.44E-03	1.66E-03	5.49E-03	9.60E-04	7.96E-05	1.36E-05	5.09E-03	8.92E-04	5.45E-05	9.31E-06	5.10E-03	8.94E-04	3.62E-01	5.34E-02	8.23E-01	1.06E-01
1792	Gridded	3.76E-03	7.73E-04	4.51E-06	8.56E-07	1.90E-03	3.92E-04	4.04E-03	8.31E-04	4.00E-03	8.23E-04	3.75E-03	7.70E-04	4.92E-03	1.02E-03	4.92E-03	1.02E-03	6.97E-03	1.43E-03	4.04E-03	8.31E-04	6.26E-05	1.19E-05	3.76E-03	7.72E-04	4.28E-05	8.13E-06	3.77E-03	7.74E-04	3.69E-01	5.87E-02	6.88E-01	9.97E-02
1793	Gridded	2.80E-03	7.07E-04	3.22E-06	7.38E-07	1.39E-03	3.55E-04	2.97E-03	7.56E-04	2.95E-03	7.49E-04	2.79E-03	7.04E-04	3.55E-03	9.18E-04	3.55E-03	9.18E-04	5.18E-03	1.31E-03	2.97E-03	7.56E-04	4.46E-05	1.02E-05	2.79E-03	7.05E-04	3.05E-05	7.00E-06	2.80E-03	7.07E-04	3.02E-01	6.07E-02	6.55E-01	8.92E-02
1794	Gridded	4.16E-03	8.13E-04	4.56E-06	8.56E-07	2.10E-03	4.09E-04	4.47E-03	8.71E-04	4.42E-03	8.63E-04	4.14E-03	8.10E-04	5.46E-03	1.06E-03	5.46E-03	1.06E-03	7.70E-03	1.51E-03	4.47E-03	8.71E-04	6.32E-05	1.19E-05	4.15E-03	8.12E-04	4.33E-05	8.12E-06	4.16E-03	8.14E-04	3.76E-01	6.78E-02	8.14E-01	1.07E-01
1795	Gridded	5.08E-03	1.06E-03	6.27E-06	1.21E-06	2.61E-03	5.21E-04	5.48E-03	1.12E-03	5.43E-03	1.11E-03	5.06E-03	1.05E-03	6.86E-03	1.34E-03	6.86E-03	1.34E-03	9.40E-03	1.96E-03	5.48E-03	1.12E-03	8.69E-05	1.68E-05	5.07E-03	1.05E-03	5.95E-05	1.15E-05	5.08E-03	1.06E-03	4.16E-01	7.94E-02	1.25E+00	1.45E-01
1796	Gridded	5.54E-03	1.24E-03	6.66E-06	1.32E-06	2.85E-03	6.11E-04	5.99E-03	1.32E-03	5.93E-03	1.31E-03	5.52E-03	1.24E-03	7.45E-03	1.57E-03	7.45E-03	1.57E-03	1.03E-02	2.30E-03	5.99E-03	1.32E-03	9.23E-05	1.83E-05	5.53E-03	1.24E-03	6.32E-05	1.25E-05	5.55E-03	1.24E-03	4.38E-01	9.51E-02	1.04E+00	1.59E-01
1797	Gridded	4.24E-03	8.94E-04	5.22E-06	1.16E-06	2.15E-03	4.65E-04	4.56E-03	9.72E-04	4.51E-03	9.61E-04	4.22E-03	8.89E-04	5.59E-03	1.22E-03	5.59E-03	1.22E-03	7.85E-03	1.65E-03	4.56E-03	9.72E-04	7.24E-05	1.60E-05	4.23E-03	8.92E-04	4.96E-05	1.10E-05	4.24E-03	8.95E-04	4.34E-01	8.08E-02	1.09E+00	1.48E-01
1798	Gridded	6.27E-03	7.06E-04	5.22E-06	9.69E-07	3.05E-03	3.52E-04	6.62E-03	7.53E-04	6.57E-03	7.46E-04	6.25E-03	7.03E-04	7.76E-03	9.05E-04	7.76E-03	9.05E-04	1.16E-02	1.31E-03	6.62E-03	7.53E-04	7.24E-05	1.34E-05	6.26E-03	7.05E-04	4.95E-05	9.20E-06	6.27E-03	7.07E-04	4.47E-01	9.82E-02	9.97E-01	2.00E-01
1799	Gridded	3.76E-03	6.76E-04	6.00E-06	7.85E-07	2.04E-03	3.35E-04	4.17E-03	7.20E-04	4.11E-03	7.13E-04	3.74E-03	6.73E-04	5.48E-03	8.61E-04	5.48E-03	8.61E-04	6.96E-03	1.25E-03	4.17E-03	7.20E-04	8.32E-05	1.09E-05	3.76E-03	6.75E-04	5.69E-05	7.45E-06	3.77E-03	6.76E-04	4.24E-01	1.06E-01	9.22E-01	1.46E-01
1800	Gridded	3.41E-03	5.27E-04	4.15E-06	7.54E-07	1.70E-03	2.70E-04	3.64E-03	5.69E-04	3.60E-03	5.63E-04	3.40E-03	5.25E-04	4.36E-03	7.06E-04	4.36E-03	7.06E-04	6.32E-03	9.76E-04	3.64E-03	5.69E-04	5.75E-05	1.05E-05	3.41E-03	5.26E-04	3.94E-05	7.16E-06	3.42E-03	5.28E-04	3.41E-01	7.14E-02	7.90E-01	1.29E-01
1801	Gridded	3.30E-03	6.50E-04	4.04E-06	7.35E-07	1.67E-03	3.21E-04	3.52E-03	6.90E-04	3.49E-03	6.84E-04	3.29E-03	6.47E-04	4.35E-03	8.21E-04	4.35E-03	8.21E-04	6.11E-03	1.20E-03	3.52E-03	6.90E-04	5.60E-05	1.02E-05	3.29E-03	6.49E-04	3.83E-05	6.98E-06	3.30E-03	6.50E-04	2.75E-01	6.67E-02	6.91E-01	1.34E-01
1802	Gridded	3.56E-03	6.38E-04	4.03E-06	8.93E-07	1.78E-03	3.37E-04	3.81E-03	6.99E-04	3.77E-03	6.90E-04	3.55E-03	6.35E-04	4.60E-03	8.94E-04	4.60E-03	8.94E-04	6.60E-03	1.18E-03	3.81E-03	6.99E-04	5.59E-05	1.24E-05	3.56E-03	6.37E-04	3.83E-05	8.47E-06	3.57E-03	6.39E-04	3.71E-01	8.92E-02	7.57E-01	1.50E-01
1803	Gridded	3.42E-03	1.09E-03	3.74E-06	1.43E-06	1.69E-03	5.67E-04	3.62E-03	1.18E-03	3.59E-03	1.17E-03	3.41E-03	1.08E-03	4.40E-03	1.50E-03	4.40E-03	1.50E-03	6.34E-03	2.01E-03	3.62E-03	1.18E-03	5.19E-05	1.99E-05	3.42E-03	1.08E-03	3.55E-05	1.36E-05	3.42E-03	1.09E-03	4.63E-01	7.68E-02	9.20E-01	1.06E-01
1804	Gridded	3.77E-03	1.13E-03	3.90E-06	1.16E-06	1.86E-03	5.67E-04	4.01E-03	1.21E-03	3.97E-03	1.20E-03	3.76E-03	1.13E-03	4.78E-03	1.46E-03	4.78E-03	1.46E-03	6.99E-03	2.10E-03	4.01E-03	1.21E-03	5.41E-05	1.60E-05	3.77E-03	1.13E-03	3.70E-05	1.10E-05	3.78E-03	1.13E-03	2.39E-01	1.14E-01	6.18E-01	1.66E-01
1805	Gridded	3.84E-03	9.82E-04	4.71E-06	9.42E-07	1.92E-03	4.87E-04	4.11E-03	1.05E-03	4.07E-03	1.04E-03	3.83E-03	9.79E-04	4.96E-03	1.25E-03	4.96E-03	1.25E-03	7.12E-03	1.82E-03	4.11E-03	1.05E-03	6.54E-05	1.31E-05	3.84E-03	9.81E-04	4.47E-05	8.93E-06	3.85E-03	9.83E-04	2.75E-01	7.42E-02	4.80E-01	9.33E-02
1806	Gridded	4.09E-03	6.31E-04	4.08E-06	6.67E-07	2.02E-03	3.09E-04	4.35E-03	6.68E-04	4.31E-03	6.63E-04	4.07E-03	6.29E-04	5.19E-03	7.86E-04	5.19E-03	7.86E-04	7.57E-03	1.17E-03	4.35E-03	6.68E-04	5.65E-05	9.25E-06	4.08E-03	6.31E-04	3.87E-05	6.33E-06	4.09E-03	6.32E-04	2.97E-01	5.54E-02	6.40E-01	1.12E-01
1807	Gridded	4.95E-03	7.21E-04	5.09E-06	8.45E-07	2.48E-03	3.69E-04	5.30E-03	7.78E-04	5.25E-03	7.70E-04	4.94E-03	7.18E-04	6.41E-03	9.63E-04	6.41E-03	9.63E-04	9.18E-03	1.34E-03	5.30E-03	7.78E-04	7.06E-05	1.17E-05	4.95E-03	7.20E-04	4.83E-05	8.02E-06	4.96E-03	7.22E-04	2.65E-01	6.21E-02	4.74E-01	8.25E-02
1808	Gridded	3.58E-03	6.94E-04	4.78E-06	8.10E-07	1.78E-03	3.55E-04	3.81E-03	7.49E-04	3.78E-03	7.41E-04	3.57E-03	6.91E-04	4.56E-03	9.26E-04	4.56E-03	9.26E-04	6.63E-03	1.29E-03	3.81E-03	7.49E-04	6.63E-05	1.12E-05	3.57E-03	6.93E-04	4.54E-05	7.69E-06	3.58E-03	6.95E-04	2.18E-01	6.45E-02	4.50E-01	7.93E-02
1809	Gridded	4.58E-03	5.26E-04	4.65E-06	7.20E-07	2.29E-03	2.66E-04	4.90E-03	5.65E-04	4.85E-03	5.59E-04	4.56E-03	5.24E-04	5.91E-03	6.89E-04	5.91E-03	6.89E-04	8.49E-03	9.75E-04	4.90E-03	5.65E-04	6.45E-05	9.98E-06	4.57E-03	5.26E-04	4.41E-05	6.83E-06	4.59E-03	5.27E-04	2.55E-01	5.87E-02	4.87E-01	7.73E-02
1810	Gridded	7.18E-03	6.97E-04	6.91E-06	1.04E-06	3.56E-03	3.72E-04	7.64E-03	7.67E-04	7.58E-03	7.57E-04	7.15E-03	6.93E-04	9.16E-03	9.94E-04	9.16E-03	9.94E-04	1.33E-02	1.29E-03	7.64E-03	7.67E-04	9.59E-05	1.44E-05	7.17E-03	6.96E-04	6.56E-05	9.83E-06	7.18E-03	6.98E-04	3.00E-01	6.72E-02	5.00E-01	8.55E-02
1811	Gridded	4.86E-03	7.39E-04	5.53E-06	1.05E-06	2.47E-03	3.91E-04	5.23E-03	8.10E-04	5.18E-03	8.00E-04	4.84E-03	7.35E-04	6.44E-03	1.04E-03	6.44E-03	1.04E-03	8.99E-03	1.37E-03	5.23E-03	8.10E-04	7.67E-05	1.45E-05	4.85E-03	7.38E-04	5.25E-05	9.92E-06	4.86E-03	7.40E-04	1.04E+00	8.21E-02	2.98E+00	1.35E-01
1812	Gridded	3.65E-03	8.46E-04	4.58E-06	9.49E-07	1.81E-03	4.30E-04	3.89E-03	9.10E-04	3.85E-03	9.01E-04	3.64E-03	8.43E-04	4.66E-03	1.12E-03	4.66E-03	1.12E-03	6.76E-03	1.57E-03	3.89E-03	9.10E-04	6.36E-05	1.32E-05	3.64E-03	8.45E-04	4.35E-05	9.00E-06	3.65E-03	8.47E-04	3.71E-01	9.17E-02	6.62E-01	1.09E-01
1813	Gridded	4.56E-03	9.54E-04	5.07E-06	9.65E-07	2.31E-03	4.77E-04	4.90E-03	1.02E-03	4.85E-03	1.01E-03	4.54E-03	9.51E-04	6.01E-03	1.23E-03	6.01E-03	1.23E-03	8.44E-03	1.77E-03	4.90E-03	1.02E-03	7.03E-05	1.34E-05	4.55E-03	9.53E-04	4.81E-05	9.16E-06	4.56E-03	9.55E-04	4.21E-01	7.93E-02	9.04E-01	8.90E-02
1814	Gridded	5.19E-03	8.44E-04	5.19E-06	9.51E-07	2.59E-03	4.29E-04	5.54E-03	9.08E-04	5.49E-03	8.99E-04	5.17E-03	8.40E-04	6.68E-03	1.12E-03	6.68E-03	1.12E-03	9.62E-03	1.56E-03	5.54E-03	9.08E-04	7.19E-05	1.32E-05	5.19E-03	8.42E-04	4.92E-05	9.02E-06	5.20E-03	8.44E-04	3.59E-01	5.63E-02	1.19E+00	9.14E-02
1815	Gridded	5.62E-03	7.23E-04	5.14E-06	7.23E-07	2.77E-03	3.56E-04	5.96E-03	7.67E-04	5.92E-03	7.61E-04	5.60E-03	7.21E-04	7.09E-03	9.14E-04	7.09E-03	9.14E-04	1.04E-02	1.34E-03	5.96E-03	7.67E-04	7.13E-05	1.00E-05	5.61E-03	7.22E-04	4.88E-05	6.86E-06	5.62E-03	7.24E-04	4.63E-01	7.11E-02	7.84E-01	1.10E-01
1816	Gridded	5.26E-03	6.01E-04	4.58E-06	6.22E-07	2.58E-03	2.99E-04	5.57E-03	6.40E-04	5.53E-03	6.35E-04	5.24E-03	5.98E-04	6.57E-03	7.70E-04	6.57E-03	7.70E-04	9.75E-03	1.11E-03	5.57E-03	6.40E-04	6.35E-05	8.63E-06	5.25E-03	6.00E-04	4.34E-05	5.90E-06	5.26E-03	6.01E-04	2.58E-01	5.87E-02	1.14E+00	8.71E-02
1817	Gridded	4.68E-03	7.39E-04	4.36E-06	8.14E-07	2.14E-03	3.74E-04	4.81E-03	7.94E-04	4.79E-03	7.86E-04	4.68E-03	7.36E-04	5.53E-03	9.72E-04	5.53E-03	9.72E-04	8.69E-03	1.37E-03	4.81E-03	7.94E-04	6.05E-05	1.13E-05	4.68E-03	7.37E-04	4.14E-05	7.72E-06	4.68E-03	7.39E-04	3.06E-01	5.69E-02	8.06E-01	7.27E-02
1818	Gridded	5.88E-03	7.61E-04	6.14E-06	7.99E-07	2.95E-03	3.82E-04	6.30E-03	8.15E-04	6.24E-03	8.07E-04	5.86E-03	7.58E-04	7.64E-03	9.89E-04	7.64E-03	9.89E-04	1.09E-02	1.41E-03	6.30E-03	8.15E-04	8.51E-05	1.11E-05	5.87E-03	7.60E-04	5.83E-05	7.58E-06	5.89E-03	7.61E-04	3.24E-01	5.85E-02	6.76E-01	1.06E-01
1819	Gridded	6.00E-03	6.93E-04	5.75E-06	6.81E-07	2.98E-03	3.45E-04	6.39E-03	7.39E-04	6.33E-03	7.33E-04	5.98E-03	6.91E-04	7.64E-03	8.88E-04	7.64E-03	8.88E-04	1.11E-02	1.28E-03	6.39E-03	7.39E-04	7.98E-05	9.44E-06	5.99E-03	6.92E-04	5.46E-05	6.46E-06	6.01E-03	6.94E-04	3.21E-01	6.02E-02	9.32E-01	8.29E-02
1820	Gridded	6.41E-03	5.47E-04	6.19E-06	5.79E-07	3.19E-03	2.75E-04	6.83E-03	5.86E-04	6.77E-03	5.80E-04	6.39E-03	5.45E-04	8.19E-03	7.13E-04	8.19E-03	7.13E-04	1.19E-02	1.01E-03	6.83E-03	5.86E-04	8.58E-05	8.03E-06	6.41E-03	5.46E-04	5.87E-05	5.50E-06	6.42E-03	5.47E-04	3.06E-01	5.64E-02	5.02E-01	8.69E-02
1821	Gridded	5.30E-03	5.79E-04	5.31E-06	4.97E-07	2.65E-03	2.74E-04	5.66E-03	6.04E-04	5.61E-03	6.01E-04	5.28E-03	5.78E-04	6.82E-03	6.85E-04	6.82E-03	6.85E-04	9.81E-03	1.07E-03	5.66E-03	6.04E-04	7.36E-05	6.89E-06	5.29E-03	5.79E-04	5.04E-05	4.72E-06	5.30E-03	5.79E-04	3.39E-01	5.02E-02	5.28E-01	6.53E-02
1822	Gridded	5.33E-03	7.09E-04	4.64E-06	8.05E-07	2.61E-03	3.61E-04	5.64E-03	7.63E-04	5.60E-03	7.55E-04	5.31E-03	7.06E-04	6.66E-03	9.39E-04	6.66E-03	9.39E-04	9.88E-03	1.31E-03	5.64E-03	7.63E-04	6.43E-05	1.12E-05	5.32E-03	7.07E-04	4.40E-05	7.64E-06	5.34E-03	7.09E-04	4.30E-01	4.50E-02	5.53E-01	6.78E-02
1823	Gridded	5.74E-03	8.01E-04	4.50E-06	8.37E-07	2.78E-03	4.03E-04	6.04E-03	8.58E-04	6.00E-03	8.50E-04	5.72E-03	7.98E-04	7.03E-03	1.04E-03	7.03E-03	1.04E-03	1.06E-02	1.48E-03	6.04E-03	8.58E-04	6.24E-05	1.16E-05	5.73E-03	8.00E-04	4.27E-05	7.94E-06	5.74E-03	8.02E-04	3.07E-01	4.68E-02	5.68E-01	6.34E-02
1824	Gridded	4.00E-03	7.57E-04	3.34E-06	7.08E-07	1.95E-03	3.74E-04	4.22E-03	8.04E-04	4.19E-03	7.98E-04	3.98E-03	7.54E-04	4.95E-03	9.59E-04	4.95E-03	9.59E-04	7.41E-03	1.40E-03	4.22E-03	8.04E-04	4.63E-05	9.81E-06	3.99E-03	7.56E-04	3.17E-05	6.71E-06	4.00E-03	7.57E-04	3.25E-01	5.56E-02	4.75E-01	8.25E-02
1825	Gridded	3.15E-03	5.93E-04	2.89E-06	5.66E-07	1.41E-03	2.94E-04	3.20E-03	6.31E-04	3.19E-03	6.26E-04	3.15E-03	5.91E-04	3.61E-03	7.55E-04	3.61E-03	7.55E-04	5.84E-03	1.10E-03	3.20E-03	6.31E-04	4.00E-05	7.84E-06	3.15E-03	5.92E-04	2.74E-05	5.37E-06	3.15E-03	5.94E-04	1.99E-01	3.70E-02	4.14E-01	5.92E-02
1826	Gridded	3.21E-03	6.27E-04	2.64E-06	5.90E-07	1.44E-03	3.10E-04	3.27E-03	6.67E-04	3.27E-03	6.61E-04	3.21E-03	6.25E-04	3.47E-03	7.96E-04	3.47E-03	7.96E-04	5.96E-03	1.16E-03	3.27E-03	6.67E-04	3.66E-05	8.18E-06	3.21E-03	6.26E-04	2.51E-05	5.60E-06	3.21E-03	6.27E-04	1.83E-01	3.42E-02	3.69E-01	5.20E-02
1827	Gridded	2.88E-03	5.72E-04	2.42E-06	5.40E-07	1.32E-03	2.83E-04	2.96E-03	6.09E-04	2.95E-03	6.03E-04	2.88E-03	5.70E-04	3.21E-03	7.27E-04	3.21E-03	7.27E-04	5.35E-03	1.06E-03	2.96E-03	6.09E-04	3.36E-05	7.49E-06	2.88E-03	5.71E-04	2.30E-05	5.13E-06	2.88E-03	5.73E-04	1.91E-01	3.35E-02	3.20E-01	3.79E-02
1828	Gridded	2.39E-03	4.57E-04	2.39E-06	4.35E-07	1.18E-03	2.27E-04	2.53E-03	4.86E-04	2.51E-03	4.82E-04	2.38E-03	4.55E-04	3.05E-03	5.82E-04	3.05E-03	5.82E-04	4.43E-03	8.47E-04	2.53E-03	4.86E-04	3.31E-05	6.04E-06	2.39E-03	4.56E-04	2.27E-05	4.13E-06	2.39E-03	4.57E-04	2.03E-01	2.85E-02	3.46E-01	3.45E-02
1829	Gridded	2.43E-03	3.31E-04	2.30E-06	3.18E-07	1.17E-03	1.65E-04	2.55E-03	3.53E-04	2.54E-03	3.50E-04	2.43E-03	3.30E-04	2.93E-03	4.23E-04	2.93E-03	4.23E-04	4.51E-03	6.14E-04	2.55E-03	3.53E-04	3.19E-05	4.41E-06	2.43E-03	3.31E-04	2.18E-05	3.02E-06	2.44E-03	3.32E-04	1.86E-01	2.28E-02	3.17E-01	2.82E-02
1830	Gridded	2.39E-03	3.33E-04	2.44E-06	4.00E-07	1.17E-03	1.71E-04	2.53E-03	3.60E-04	2.51E-03	3.56E-04	2.39E-03	3.31E-04	2.97E-03	4.48E-04	2.97E-03	4.48E-04	4.44E-03	6.16E-04	2.53E-03	3.60E-04	3.39E-05	5.55E-06	2.39E-03	3.32E-04	2.32E-05	3.80E-06	2.40E-03	3.33E-04	1.85E-01	2.06E-02	2.76E-01	2.55E-02
1831	Gridded	2.23E-03	4.52E-04	2.30E-06	4.55E-07	1.11E-03	2.26E-04	2.38E-03	4.83E-04	2.36E-03	4.78E-04	2.23E-03	4.50E-04	2.84E-03	5.82E-04	2.84E-03	5.82E-04	4.14E-03	8.37E-04	2.38E-03	4.83E-04	3.20E-05	6.31E-06	2.23E-03	4.51E-04	2.19E-05	4.32E-06	2.24E-03	4.52E-04	1.94E-01	2.39E-02	3.06E-01	3.76E-02
1832	Gridded	2.00E-03	5.31E-04	2.10E-06	4.54E-07	1.01E-03	2.60E-04	2.15E-03	5.62E-04	2.13E-03	5.58E-04	2.00E-03	5.30E-04	2.61E-03	6.61E-04	2.61E-03	6.61E-04	3.71E-03	9.85E-04	2.15E-03	5.62E-04	2.91E-05	6.30E-06	2.00E-03	5.31E-04	1.99E-05	4.31E-06	2.01E-03	5.32E-04	1.84E-01	2.74E-02	2.94E-01	4.48E-02
1833	Gridded	1.99E-03	5.45E-04	2.03E-06	4.01E-07	9.80E-04	2.62E-04	2.11E-03	5.72E-04	2.09E-03	5.69E-04	1.98E-03	5.44E-04	2.51E-03	6.60E-04	2.51E-03	6.60E-04	3.68E-03	1.01E-03	2.11E-03	5.72E-04	2.81E-05	5.56E-06	1.99E-03	5.45E-04	1.93E-05	3.81E-06	1.99E-03	5.46E-04	1.88E-01	2.72E-02	2.72E-01	4.40E-02
1834	Gridded	1.99E-03	5.09E-04	1.96E-06	3.26E-07	9.84E-04	2.41E-04	2.11E-03	5.31E-04	2.10E-03	5.28E-04	1.98E-03	5.08E-04	2.52E-03	6.02E-04	2.52E-03	6.02E-04	3.68E-03	9.43E-04	2.11E-03	5.31E-04	2.72E-05	4.52E-06	1.99E-03	5.08E-04	1.86E-05	3.09E-06	1.99E-03	5.09E-04	1.95E-01	2.65E-02	3.05E-01	3.91E-02
1835	Gridded	2.00E-03	4.47E-04	2.15E-06	2.53E-07	1.01E-03	2.10E-04	2.15E-03	4.65E-04	2.13E-03	4.62E-04	1.99E-03	4.46E-04	2.62E-03	5.20E-04	2.62E-03	5.20E-04	3.71E-03	8.30E-04	2.15E-03	4.65E-04	2.99E-05	3.51E-06	2.00E-03	4.47E-04	2.04E-05	2.40E-06	2.00E-03	4.48E-04	1.72E-01	2.71E-02	2.89E-01	3.39E-02
1836	Gridded	2.86E-03	4.09E-04	2.97E-06	3.25E-07	1.43E-03	1.90E-04	3.06E-03	4.23E-04	3.03E-03	4.21E-04	2.84E-03	4.08E-04	3.71E-03	4.69E-04	3.71E-03	4.69E-04	5.29E-03	7.59E-04	3.06E-03	4.23E-04	4.12E-05	4.51E-06	2.85E-03	4.09E-04	2.82E-05	3.09E-06	2.86E-03	4.09E-04	1.81E-01	2.84E-02	3.44E-01	3.68E-02
1837	Gridded	4.61E-03	7.08E-04	5.67E-06	7.44E-07	2.32E-03	3.56E-04	4.95E-03	7.58E-04	4.90E-03	7.51E-04	4.59E-03	7.05E-04	6.02E-03	9.21E-04	6.02E-03	9.21E-04	8.54E-03	1.31E-03	4.95E-03	7.58E-04	7.86E-05	1.03E-05	4.61E-03	7.07E-04	5.38E-05	7.06E-06	4.62E-03	7.08E-04	2.68E-01	4.02E-02	5.87E-01	5.48E-02
1838	Gridded	6.04E-03	9.21E-04	6.35E-06	9.53E-07	3.04E-03	4.62E-04	6.47E-03	9.85E-04	6.41E-03	9.76E-04	6.02E-03	9.18E-04	7.86E-03	1.19E-03	7.86E-03	1.19E-03	1.12E-02	1.71E-03	6.47E-03	9.85E-04	8.80E-05	1.32E-05	6.03E-03	9.20E-04	6.02E-05	9.04E-06	6.05E-03	9.22E-04	2.77E-01	4.14E-02	5.42E-01	5.94E-02
1839	Gridded	7.32E-03	1.01E-03	7.30E-06	1.04E-06	3.65E-03	5.06E-04	7.81E-03	1.08E-03	7.74E-03	1.07E-03	7.29E-03	1.00E-03	9.41E-03	1.31E-03	9.41E-03	1.31E-03	1.36E-02	1.87E-03	7.81E-03	1.08E-03	1.01E-04	1.45E-05	7.30E-03	1.01E-03	6.93E-05	9.90E-06	7.32E-03	1.01E-03	3.11E-01	4.50E-02	7.04E-01	8.88E-02
1840	Gridded	6.84E-03	9.44E-04	6.59E-06	9.88E-07	3.40E-03	4.74E-04	7.28E-03	1.01E-03	7.22E-03	1.00E-03	6.81E-03	9.40E-04	8.73E-03	1.23E-03	8.73E-03	1.23E-03	1.27E-02	1.75E-03	7.28E-03	1.01E-03	9.14E-05	1.37E-05	6.83E-03	9.42E-04	6.25E-05	9.37E-06	6.84E-03	9.44E-04	3.70E-01	5.37E-02	7.58E-01	1.05E-01
1841	Gridded	6.21E-03	8.40E-04	6.48E-06	8.79E-07	3.12E-03	4.22E-04	6.65E-03	8.99E-04	6.59E-03	8.91E-04	6.19E-03	8.37E-04	8.07E-03	1.09E-03	8.07E-03	1.09E-03	1.15E-02	1.56E-03	6.65E-03	8.99E-04	8.98E-05	1.22E-05	6.20E-03	8.39E-04	6.15E-05	8.34E-06	6.22E-03	8.41E-04	3.89E-01	6.22E-02	6.96E-01	1.02E-01
1842	Gridded	6.06E-03	7.36E-04	5.89E-06	8.28E-07	2.97E-03	3.67E-04	6.41E-03	7.85E-04	6.36E-03	7.78E-04	6.04E-03	7.33E-04	7.55E-03	9.44E-04	7.55E-03	9.44E-04	1.12E-02	1.36E-03	6.41E-03	7.85E-04	8.17E-05	1.15E-05	6.05E-03	7.35E-04	5.59E-05	7.86E-06	6.07E-03	7.36E-04	3.91E-01	6.89E-02	7.84E-01	9.59E-02
1843	Gridded	6.36E-03	8.79E-04	6.30E-06	9.45E-07	3.14E-03	4.38E-04	6.75E-03	9.37E-04	6.70E-03	9.29E-04	6.33E-03	8.75E-04	8.04E-03	1.13E-03	8.04E-03	1.13E-03	1.18E-02	1.63E-03	6.75E-03	9.37E-04	8.74E-05	1.31E-05	6.35E-03	8.77E-04	5.98E-05	8.97E-06	6.36E-03	8.79E-04	4.06E-01	6.95E-02	7.78E-01	1.00E-01
1844	Gridded	4.66E-03	8.91E-04	5.93E-06	9.77E-07	2.41E-03	4.41E-04	5.05E-03	9.48E-04	5.00E-03	9.40E-04	4.63E-03	8.88E-04	6.34E-03	1.13E-03	6.34E-03	1.13E-03	8.62E-03	1.65E-03	5.05E-03	9.48E-04	8.22E-05	1.35E-05	4.65E-03	8.90E-04	5.62E-05	9.27E-06	4.66E-03	8.92E-04	3.35E-01	6.23E-02	9.73E-01	1.13E-01
1845	Gridded	3.98E-03	9.51E-04	5.44E-06	1.10E-06	2.09E-03	4.78E-04	4.35E-03	1.01E-03	4.30E-03	9.99E-04	3.96E-03	9.48E-04	5.54E-03	1.25E-03	5.54E-03	1.25E-03	7.37E-03	1.76E-03	4.35E-03	1.01E-03	7.55E-05	1.53E-05	3.97E-03	9.50E-04	5.16E-05	1.05E-05	3.99E-03	9.52E-04	3.54E-01	7.48E-02	1.00E+00	1.33E-01
1846	Gridded	5.11E-03	1.13E-03	6.20E-06	1.17E-06	2.55E-03	5.67E-04	5.42E-03	1.21E-03	5.37E-03	1.20E-03	5.09E-03	1.13E-03	6.63E-03	1.46E-03	6.63E-03	1.46E-03	9.46E-03	2.09E-03	5.42E-03	1.21E-03	8.60E-05	1.62E-05	5.10E-03	1.13E-03	5.88E-05	1.11E-05	5.11E-03	1.13E-03	4.39E-01	7.72E-02	9.30E-01	1.25E-01
1847	Gridded	4.60E-03	7.90E-04	6.35E-06	1.19E-06	2.23E-03	4.22E-04	4.81E-03	8.70E-04	4.78E-03	8.59E-04	4.59E-03	7.86E-04	5.95E-03	1.13E-03	5.95E-03	1.13E-03	8.53E-03	1.46E-03	4.81E-03	8.70E-04	8.81E-05	1.65E-05	4.60E-03	7.88E-04	6.03E-05	1.13E-05	4.60E-03	7.91E-04	4.35E-01	8.68E-02	1.17E+00	1.57E-01
1848	Gridded	4.89E-03	6.67E-04	5.36E-06	7.88E-07	2.47E-03	3.28E-04	5.25E-03	7.07E-04	5.20E-03	7.02E-04	4.87E-03	6.64E-04	6.43E-03	8.39E-04	6.43E-03	8.39E-04	9.06E-03	1.24E-03	5.25E-03	7.07E-04	7.43E-05	1.09E-05	4.88E-03	6.66E-04	5.09E-05	7.48E-06	4.89E-03	6.67E-04	3.94E-01	8.42E-02	7.92E-01	1.78E-01
1849	Gridded	3.05E-03	5.83E-04	4.24E-06	8.14E-07	1.51E-03	2.90E-04	3.25E-03	6.22E-04	3.22E-03	6.16E-04	3.04E-03	5.81E-04	3.89E-03	7.47E-04	3.89E-03	7.47E-04	5.65E-03	1.08E-03	3.25E-03	6.22E-04	5.88E-05	1.13E-05	3.05E-03	5.82E-04	4.02E-05	7.72E-06	3.05E-03	5.84E-04	4.23E-01	9.65E-02	8.80E-01	1.18E-01
1850	Gridded	3.10E-03	5.22E-04	5.17E-06	8.25E-07	1.54E-03	2.65E-04	3.30E-03	5.61E-04	3.27E-03	5.56E-04	3.09E-03	5.20E-04	3.97E-03	6.90E-04	3.97E-03	6.90E-04	5.74E-03	9.66E-04	3.30E-03	5.61E-04	7.17E-05	1.14E-05	3.09E-03	5.21E-04	4.90E-05	7.83E-06	3.10E-03	5.22E-04	3.66E-01	6.55E-02	8.36E-01	1.30E-01
1851	Gridded	6.22E-03	9.29E-04	5.69E-06	9.42E-07	2.73E-03	4.51E-04	6.28E-03	9.80E-04	6.27E-03	9.73E-04	6.22E-03	9.26E-04	6.48E-03	1.14E-03	6.48E-03	1.14E-03	1.16E-02	1.72E-03	6.28E-03	9.80E-04	7.89E-05	1.31E-05	6.22E-03	9.28E-04	5.40E-05	8.94E-06	6.22E-03	9.30E-04	3.55E-01	8.69E-02	8.33E-01	1.83E-01
1852	Gridded	4.93E-03	7.72E-04	5.74E-06	1.13E-06	2.37E-03	4.11E-04	5.11E-03	8.49E-04	5.09E-03	8.38E-04	4.92E-03	7.68E-04	6.22E-03	1.10E-03	6.22E-03	1.10E-03	9.15E-03	1.43E-03	5.11E-03	8.49E-04	7.96E-05	1.57E-05	4.93E-03	7.71E-04	5.44E-05	1.08E-05	4.93E-03	7.73E-04	4.31E-01	1.06E-01	9.06E-01	1.87E-01
1853	Gridded	3.14E-03	1.01E-03	3.50E-06	1.34E-06	1.59E-03	5.27E-04	3.37E-03	1.10E-03	3.34E-03	1.09E-03	3.12E-03	1.00E-03	4.12E-03	1.39E-03	4.12E-03	1.39E-03	5.81E-03	1.87E-03	3.37E-03	1.10E-03	4.85E-05	1.86E-05	3.13E-03	1.01E-03	3.32E-05	1.27E-05	3.14E-03	1.01E-03	4.11E-01	6.39E-02	8.77E-01	8.67E-02
1854	Gridded	3.42E-03	1.06E-03	3.54E-06	1.15E-06	1.70E-03	5.35E-04	3.65E-03	1.14E-03	3.62E-03	1.13E-03	3.41E-03	1.05E-03	4.38E-03	1.39E-03	4.38E-03	1.39E-03	6.34E-03	1.96E-03	3.65E-03	1.14E-03	4.91E-05	1.60E-05	3.42E-03	1.06E-03	3.36E-05	1.09E-05	3.42E-03	1.06E-03	2.39E-01	9.96E-02	6.52E-01	1.56E-01
1855	Gridded	3.38E-03	9.72E-04	4.32E-06	1.01E-06	1.69E-03	4.85E-04	3.61E-03	1.04E-03	3.58E-03	1.03E-03	3.37E-03	9.68E-04	4.35E-03	1.25E-03	4.35E-03	1.25E-03	6.27E-03	1.80E-03	3.61E-03	1.04E-03	6.00E-05	1.40E-05	3.38E-03	9.71E-04	4.10E-05	9.56E-06	3.39E-03	9.73E-04	2.66E-01	1.02E-01	6.80E-01	1.17E-01
1856	Gridded	4.08E-03	6.87E-04	4.24E-06	6.39E-07	1.98E-03	3.34E-04	4.30E-03	7.25E-04	4.27E-03	7.19E-04	4.07E-03	6.84E-04	5.02E-03	8.49E-04	5.02E-03	8.49E-04	7.57E-03	1.27E-03	4.30E-03	7.25E-04	5.89E-05	8.87E-06	4.08E-03	6.86E-04	4.03E-05	6.07E-06	4.08E-03	6.87E-04	2.69E-01	6.88E-02	9.28E-01	9.49E-02
1857	Gridded	4.49E-03	6.41E-04	5.13E-06	8.33E-07	2.23E-03	3.34E-04	4.79E-03	6.98E-04	4.75E-03	6.90E-04	4.48E-03	6.38E-04	5.75E-03	8.80E-04	5.75E-03	8.80E-04	8.32E-03	1.19E-03	4.79E-03	6.98E-04	7.12E-05	1.16E-05	4.49E-03	6.40E-04	4.87E-05	7.91E-06	4.50E-03	6.42E-04	2.85E-01	5.92E-02	6.70E-01	8.93E-02
1858	Gridded	4.24E-03	7.59E-04	6.67E-06	8.73E-07	2.14E-03	3.87E-04	4.55E-03	8.18E-04	4.50E-03	8.09E-04	4.23E-03	7.55E-04	5.53E-03	1.01E-03	5.53E-03	1.01E-03	7.86E-03	1.40E-03	4.55E-03	8.18E-04	9.25E-05	1.21E-05	4.24E-03	7.57E-04	6.33E-05	8.29E-06	4.25E-03	7.59E-04	2.18E-01	5.80E-02	4.68E-01	7.85E-02
1859	Gridded	2.76E-03	5.77E-04	3.17E-06	6.87E-07	1.37E-03	2.94E-04	2.94E-03	6.22E-04	2.91E-03	6.16E-04	2.75E-03	5.75E-04	3.51E-03	7.68E-04	3.51E-03	7.68E-04	5.11E-03	1.07E-03	2.94E-03	6.22E-04	4.40E-05	9.53E-06	2.75E-03	5.76E-04	3.01E-05	6.52E-06	2.76E-03	5.78E-04	2.24E-01	5.81E-02	4.47E-01	7.14E-02
1860	Gridded	4.56E-03	4.40E-04	4.45E-06	6.15E-07	2.27E-03	2.32E-04	4.86E-03	4.81E-04	4.82E-03	4.76E-04	4.54E-03	4.38E-04	5.83E-03	6.16E-04	5.83E-03	6.16E-04	8.44E-03	8.15E-04	4.86E-03	4.81E-04	6.18E-05	8.53E-06	4.55E-03	4.39E-04	4.23E-05	5.84E-06	4.56E-03	4.40E-04	2.15E-01	5.17E-02	3.84E-01	6.49E-02
1861	Gridded	6.50E-03	6.63E-04	6.32E-06	9.29E-07	3.23E-03	3.50E-04	6.93E-03	7.26E-04	6.87E-03	7.17E-04	6.48E-03	6.60E-04	8.31E-03	9.29E-04	8.31E-03	9.29E-04	1.20E-02	1.23E-03	6.93E-03	7.26E-04	8.76E-05	1.29E-05	6.49E-03	6.62E-04	5.99E-05	8.82E-06	6.51E-03	6.64E-04	2.65E-01	6.36E-02	4.94E-01	8.09E-02
1862	Gridded	4.26E-03	6.61E-04	5.08E-06	9.22E-07	2.19E-03	3.48E-04	4.61E-03	7.23E-04	4.56E-03	7.15E-04	4.24E-03	6.58E-04	5.72E-03	9.25E-04	5.72E-03	9.25E-04	7.89E-03	1.22E-03	4.61E-03	7.23E-04	7.05E-05	1.28E-05	4.25E-03	6.60E-04	4.82E-05	8.75E-06	4.27E-03	6.62E-04	8.80E-01	6.94E-02	2.33E+00	1.12E-01
1863	Gridded	3.27E-03	8.18E-04	4.06E-06	9.37E-07	1.62E-03	4.17E-04	3.48E-03	8.81E-04	3.45E-03	8.72E-04	3.26E-03	8.14E-04	4.17E-03	1.09E-03	4.17E-03	1.09E-03	6.05E-03	1.51E-03	3.48E-03	8.81E-04	5.63E-05	1.30E-05	3.26E-03	8.16E-04	3.85E-05	8.89E-06	3.27E-03	8.18E-04	4.22E-01	8.08E-02	9.82E-01	9.63E-02
1864	Gridded	3.79E-03	9.31E-04	4.33E-06	9.95E-07	1.93E-03	4.69E-04	4.08E-03	9.98E-04	4.04E-03	9.88E-04	3.77E-03	9.27E-04	5.02E-03	1.22E-03	5.02E-03	1.22E-03	7.01E-03	1.72E-03	4.08E-03	9.98E-04	6.00E-05	1.38E-05	3.78E-03	9.29E-04	4.11E-05	9.44E-06	3.79E-03	9.31E-04	3.36E-01	7.09E-02	8.78E-01	7.87E-02
1865	Gridded	4.61E-03	6.04E-04	4.90E-06	7.46E-07	2.32E-03	3.11E-04	4.94E-03	6.54E-04	4.89E-03	6.47E-04	4.59E-03	6.01E-04	6.00E-03	8.17E-04	6.00E-03	8.17E-04	8.54E-03	1.12E-03	4.94E-03	6.54E-04	6.79E-05	1.03E-05	4.60E-03	6.03E-04	4.65E-05	7.08E-06	4.62E-03	6.04E-04	3.24E-01	5.62E-02	9.71E-01	8.79E-02
1866	Gridded	4.46E-03	8.64E-04	4.23E-06	8.25E-07	2.21E-03	4.27E-04	4.74E-03	9.18E-04	4.70E-03	9.10E-04	4.44E-03	8.61E-04	5.67E-03	1.09E-03	5.67E-03	1.09E-03	8.26E-03	1.60E-03	4.74E-03	9.18E-04	5.87E-05	1.14E-05	4.45E-03	8.63E-04	4.02E-05	7.83E-06	4.46E-03	8.65E-04	4.15E-01	6.93E-02	1.45E+00	1.17E-01
1867	Gridded	5.41E-03	6.29E-04	4.88E-06	6.20E-07	2.66E-03	3.07E-04	5.74E-03	6.65E-04	5.69E-03	6.60E-04	5.39E-03	6.27E-04	6.81E-03	7.82E-04	6.81E-03	7.82E-04	1.00E-02	1.17E-03	5.74E-03	6.65E-04	6.77E-05	8.60E-06	5.40E-03	6.28E-04	4.63E-05	5.89E-06	5.41E-03	6.29E-04	2.61E-01	6.13E-02	8.39E-01	8.79E-02
1868	Gridded	4.83E-03	7.02E-04	4.69E-06	7.19E-07	2.34E-03	3.38E-04	5.06E-03	7.37E-04	5.02E-03	7.33E-04	4.83E-03	7.00E-04	5.98E-03	8.52E-04	5.98E-03	8.52E-04	8.97E-03	1.30E-03	5.06E-03	7.37E-04	6.50E-05	9.96E-06	4.83E-03	7.01E-04	4.45E-05	6.82E-06	4.84E-03	7.03E-04	3.73E-01	6.00E-02	8.44E-01	8.14E-02
1869	Gridded	4.26E-03	8.29E-04	4.79E-06	7.67E-07	2.17E-03	4.09E-04	4.59E-03	8.80E-04	4.54E-03	8.73E-04	4.25E-03	8.26E-04	5.64E-03	1.05E-03	5.64E-03	1.05E-03	7.90E-03	1.54E-03	4.59E-03	8.80E-04	6.64E-05	1.06E-05	4.26E-03	8.27E-04	4.55E-05	7.27E-06	4.27E-03	8.29E-04	2.94E-01	5.64E-02	7.66E-01	7.88E-02
1870	Gridded	6.18E-03	9.68E-04	5.27E-06	8.84E-07	3.02E-03	4.77E-04	6.54E-03	1.03E-03	6.49E-03	1.02E-03	6.17E-03	9.64E-04	7.70E-03	1.22E-03	7.70E-03	1.22E-03	1.15E-02	1.79E-03	6.54E-03	1.03E-03	7.31E-05	1.23E-05	6.18E-03	9.66E-04	5.00E-05	8.39E-06	6.19E-03	9.68E-04	2.70E-01	5.44E-02	7.73E-01	8.86E-02
1871	Gridded	6.33E-03	6.12E-04	6.03E-06	5.88E-07	3.14E-03	3.04E-04	6.74E-03	6.52E-04	6.68E-03	6.46E-04	6.31E-03	6.10E-04	8.06E-03	7.80E-04	8.06E-03	7.80E-04	1.17E-02	1.13E-03	6.74E-03	6.52E-04	8.36E-05	8.16E-06	6.32E-03	6.11E-04	5.72E-05	5.58E-06	6.34E-03	6.12E-04	2.80E-01	5.78E-02	9.27E-01	7.72E-02
1872	Gridded	7.15E-03	7.58E-04	7.05E-06	7.10E-07	3.56E-03	3.75E-04	7.63E-03	8.06E-04	7.56E-03	7.99E-04	7.13E-03	7.55E-04	9.17E-03	9.61E-04	9.17E-03	9.61E-04	1.33E-02	1.40E-03	7.63E-03	8.06E-04	9.77E-05	9.85E-06	7.14E-03	7.57E-04	6.69E-05	6.74E-06	7.16E-03	7.58E-04	3.50E-01	6.05E-02	5.26E-01	9.40E-02
1873	Gridded	5.98E-03	6.91E-04	6.15E-06	5.47E-07	3.00E-03	3.27E-04	6.40E-03	7.20E-04	6.34E-03	7.16E-04	5.96E-03	6.90E-04	7.75E-03	8.14E-04	7.75E-03	8.14E-04	1.11E-02	1.28E-03	6.40E-03	7.20E-04	8.54E-05	7.58E-06	5.97E-03	6.91E-04	5.84E-05	5.19E-06	5.99E-03	6.92E-04	3.86E-01	5.49E-02	5.73E-01	6.93E-02
1874	Gridded	4.63E-03	6.63E-04	4.38E-06	7.06E-07	2.29E-03	3.34E-04	4.92E-03	7.11E-04	4.88E-03	7.04E-04	4.61E-03	6.60E-04	5.88E-03	8.65E-04	5.88E-03	8.65E-04	8.57E-03	1.23E-03	4.92E-03	7.11E-04	6.08E-05	9.79E-06	4.62E-03	6.62E-04	4.16E-05	6.70E-06	4.63E-03	6.64E-04	4.05E-01	4.37E-02	5.31E-01	6.57E-02
1875	Gridded	4.72E-03	7.39E-04	4.35E-06	7.74E-07	2.33E-03	3.71E-04	5.02E-03	7.91E-04	4.98E-03	7.84E-04	4.71E-03	7.36E-04	5.97E-03	9.61E-04	5.97E-03	9.61E-04	8.75E-03	1.37E-03	5.02E-03	7.91E-04	6.03E-05	1.07E-05	4.72E-03	7.38E-04	4.13E-05	7.35E-06	4.73E-03	7.40E-04	2.79E-01	3.95E-02	4.71E-01	5.11E-02
1876	Gridded	3.87E-03	6.94E-04	3.19E-06	6.56E-07	1.86E-03	3.44E-04	4.07E-03	7.39E-04	4.04E-03	7.32E-04	3.86E-03	6.92E-04	4.70E-03	8.82E-04	4.70E-03	8.82E-04	7.18E-03	1.29E-03	4.07E-03	7.39E-04	4.42E-05	9.09E-06	3.87E-03	6.93E-04	3.03E-05	6.22E-06	3.87E-03	6.95E-04	2.77E-01	4.86E-02	3.73E-01	6.56E-02
1877	Gridded	3.34E-03	5.47E-04	2.64E-06	5.10E-07	1.48E-03	2.70E-04	3.39E-03	5.81E-04	3.38E-03	5.76E-04	3.34E-03	5.45E-04	3.60E-03	6.93E-04	3.60E-03	6.93E-04	6.20E-03	1.01E-03	3.39E-03	5.81E-04	3.66E-05	7.07E-06	3.34E-03	5.46E-04	2.51E-05	4.84E-06	3.34E-03	5.47E-04	1.98E-01	3.54E-02	3.45E-01	5.79E-02
1878	Gridded	3.11E-03	5.68E-04	2.50E-06	5.36E-07	1.40E-03	2.81E-04	3.17E-03	6.05E-04	3.17E-03	5.99E-04	3.11E-03	5.66E-04	3.37E-03	7.22E-04	3.37E-03	7.22E-04	5.78E-03	1.05E-03	3.17E-03	6.05E-04	3.47E-05	7.43E-06	3.11E-03	5.68E-04	2.38E-05	5.08E-06	3.12E-03	5.69E-04	2.05E-01	3.36E-02	4.43E-01	5.73E-02
1879	Gridded	2.68E-03	5.68E-04	2.59E-06	5.33E-07	1.27E-03	2.81E-04	2.76E-03	6.04E-04	2.74E-03	5.99E-04	2.68E-03	5.66E-04	3.27E-03	7.21E-04	3.27E-03	7.21E-04	4.98E-03	1.05E-03	2.76E-03	6.04E-04	3.59E-05	7.40E-06	2.68E-03	5.67E-04	2.46E-05	5.06E-06	2.68E-03	5.68E-04	1.95E-01	3.13E-02	4.37E-01	5.70E-02
1880	Gridded	2.51E-03	4.87E-04	2.19E-06	4.61E-07	1.22E-03	2.41E-04	2.65E-03	5.18E-04	2.63E-03	5.13E-04	2.50E-03	4.85E-04	3.09E-03	6.19E-04	3.09E-03	6.19E-04	4.66E-03	9.02E-04	2.65E-03	5.18E-04	3.04E-05	6.40E-06	2.51E-03	4.86E-04	2.08E-05	4.38E-06	2.51E-03	4.87E-04	1.76E-01	2.85E-02	3.67E-01	4.05E-02
1881	Gridded	2.15E-03	3.87E-04	2.19E-06	3.70E-07	1.08E-03	1.92E-04	2.30E-03	4.12E-04	2.28E-03	4.08E-04	2.14E-03	3.86E-04	2.78E-03	4.93E-04	2.78E-03	4.93E-04	3.98E-03	7.17E-04	2.30E-03	4.12E-04	3.03E-05	5.12E-06	2.15E-03	3.86E-04	2.07E-05	3.51E-06	2.15E-03	3.87E-04	1.98E-01	2.40E-02	2.92E-01	2.95E-02
1882	Gridded	2.12E-03	2.79E-04	1.98E-06	2.69E-07	1.03E-03	1.39E-04	2.23E-03	2.98E-04	2.22E-03	2.95E-04	2.11E-03	2.78E-04	2.60E-03	3.56E-04	2.60E-03	3.56E-04	3.93E-03	5.18E-04	2.23E-03	2.98E-04	2.74E-05	3.73E-06	2.12E-03	2.79E-04	1.88E-05	2.55E-06	2.12E-03	2.80E-04	1.54E-01	2.15E-02	2.73E-01	2.34E-02
1883	Gridded	2.10E-03	2.83E-04	2.05E-06	3.53E-07	1.03E-03	1.46E-04	2.22E-03	3.07E-04	2.21E-03	3.03E-04	2.09E-03	2.81E-04	2.63E-03	3.84E-04	2.63E-03	3.84E-04	3.89E-03	5.23E-04	2.22E-03	3.07E-04	2.84E-05	4.89E-06	2.10E-03	2.82E-04	1.95E-05	3.35E-06	2.10E-03	2.83E-04	1.59E-01	1.98E-02	2.39E-01	2.20E-02
1884	Gridded	2.00E-03	3.91E-04	2.04E-06	4.14E-07	9.92E-04	1.97E-04	2.13E-03	4.19E-04	2.11E-03	4.15E-04	1.99E-03	3.89E-04	2.55E-03	5.10E-04	2.55E-03	5.10E-04	3.70E-03	7.24E-04	2.13E-03	4.19E-04	2.82E-05	5.75E-06	1.99E-03	3.90E-04	1.93E-05	3.93E-06	2.00E-03	3.91E-04	1.72E-01	2.30E-02	2.71E-01	3.54E-02

Scenario 4 Results

1885 Gridded	1.86E-03	4.66E-04	1.93E-06	4.23E-07	9.32E-04	2.30E-04	1.99E-03	4.95E-04	1.97E-03	4.91E-04	1.85E-03	4.65E-04	2.41E-03	5.87E-04	2.41E-03	5.87E-04	3.44E-03	8.64E-04	1.99E-03	4.95E-04	2.67E-05	5.86E-06	1.85E-03	4.65E-04	1.83E-05	4.01E-06	1.86E-03	4.66E-04	1.69E-01	2.66E-02	2.69E-01	4.28E-02
1886 Gridded	1.93E-03	5.38E-04	1.98E-06	4.21E-07	9.51E-04	2.60E-04	2.05E-03	5.66E-04	2.03E-03	5.62E-04	1.92E-03	5.36E-04	2.43E-03	6.58E-04	2.43E-03	6.58E-04	3.58E-03	9.97E-04	2.05E-03	5.66E-04	2.74E-05	5.84E-06	1.93E-03	5.37E-04	1.87E-05	4.00E-06	1.93E-03	5.38E-04	2.10E-01	3.16E-02	2.97E-01	5.22E-02
1887 Gridded	3.20E-03	6.54E-04	4.14E-06	4.50E-07	1.67E-03	3.12E-04	3.48E-03	6.84E-04	3.44E-03	6.80E-04	3.19E-03	6.52E-04	4.39E-03	7.82E-04	4.39E-03	7.82E-04	5.93E-03	1.21E-03	3.48E-03	6.84E-04	5.75E-05	6.24E-06	3.20E-03	6.53E-04	3.93E-05	4.27E-06	3.21E-03	6.54E-04	3.68E-01	4.39E-02	5.59E-01	7.61E-02
1888 Gridded	6.76E-03	9.09E-04	6.50E-06	9.35E-07	3.36E-03	4.56E-04	7.20E-03	9.73E-04	7.14E-03	9.64E-04	6.73E-03	9.06E-04	8.62E-03	1.18E-03	8.62E-03	1.18E-03	1.25E-02	1.68E-03	7.20E-03	9.73E-04	9.02E-05	1.30E-05	6.75E-03	9.08E-04	6.17E-05	8.87E-06	6.76E-03	9.10E-04	2.57E-01	3.99E-02	6.29E-01	8.21E-02
1889 Gridded	7.15E-03	9.20E-04	6.72E-06	9.58E-07	3.51E-03	4.61E-04	7.58E-03	9.84E-04	7.52E-03	9.75E-04	7.12E-03	9.17E-04	8.97E-03	1.19E-03	8.97E-03	1.19E-03	1.32E-02	1.71E-03	7.58E-03	9.84E-04	9.32E-05	1.33E-05	7.14E-03	9.19E-04	6.38E-05	9.09E-06	7.15E-03	9.21E-04	3.38E-01	4.89E-02	6.62E-01	9.45E-02
1890 Gridded	8.37E-03	9.06E-04	7.78E-06	1.03E-06	4.13E-03	4.52E-04	8.89E-03	9.67E-04	8.82E-03	9.58E-04	8.34E-03	9.02E-04	1.06E-02	1.17E-03	1.06E-02	1.17E-03	1.55E-02	1.68E-03	8.89E-03	9.67E-04	1.08E-04	1.43E-05	8.35E-03	9.05E-04	7.38E-05	9.76E-06	8.37E-03	9.07E-04	3.61E-01	5.84E-02	6.28E-01	9.00E-02
1891 Gridded	6.76E-03	7.63E-04	6.17E-06	8.31E-07	3.29E-03	3.78E-04	7.14E-03	8.11E-04	7.08E-03	8.04E-04	6.74E-03	7.60E-04	8.36E-03	9.69E-04	8.36E-03	9.69E-04	1.25E-02	1.41E-03	7.14E-03	8.11E-04	8.56E-05	1.15E-05	6.75E-03	7.62E-04	5.86E-05	7.88E-06	6.76E-03	7.63E-04	3.60E-01	6.19E-02	6.70E-01	8.49E-02
1892 Gridded	5.76E-03	7.68E-04	5.51E-06	8.62E-07	2.79E-03	3.82E-04	6.07E-03	8.18E-04	6.03E-03	8.11E-04	5.74E-03	7.65E-04	7.08E-03	9.82E-04	7.08E-03	9.82E-04	1.07E-02	1.42E-03	6.07E-03	8.18E-04	7.64E-05	1.20E-05	5.75E-03	7.67E-04	5.23E-05	8.18E-06	5.76E-03	7.69E-04	3.57E-01	6.21E-02	6.88E-01	8.60E-02
1893 Gridded	7.78E-03	1.01E-03	8.27E-06	1.11E-06	3.91E-03	4.96E-04	8.33E-03	1.07E-03	8.25E-03	1.06E-03	7.75E-03	1.01E-03	1.01E-02	1.27E-03	1.01E-02	1.27E-03	1.44E-02	1.87E-03	8.33E-03	1.07E-03	1.15E-04	1.53E-05	7.77E-03	1.01E-03	7.85E-05	1.05E-05	7.79E-03	1.01E-03	3.33E-01	6.47E-02	8.15E-01	1.12E-01
1894 Gridded	8.98E-03	1.53E-03	9.32E-06	1.59E-06	4.41E-03	7.64E-04	9.52E-03	1.63E-03	9.44E-03	1.62E-03	8.96E-03	1.52E-03	1.12E-02	1.97E-03	1.12E-02	1.97E-03	1.67E-02	2.83E-03	9.52E-03	1.63E-03	1.29E-04	2.21E-05	8.97E-03	1.53E-03	8.84E-05	1.51E-05	8.99E-03	1.53E-03	4.05E-01	8.63E-02	9.59E-01	1.51E-01
1895 Gridded	7.93E-03	1.38E-03	7.70E-06	1.31E-06	3.93E-03	6.82E-04	8.43E-03	1.46E-03	8.36E-03	1.45E-03	7.90E-03	1.37E-03	1.01E-02	1.75E-03	1.01E-02	1.75E-03	1.47E-02	2.55E-03	8.43E-03	1.46E-03	1.07E-04	1.82E-05	7.92E-03	1.37E-03	7.30E-05	1.24E-05	7.93E-03	1.38E-03	4.09E-01	8.17E-02	8.85E-01	1.41E-01
1896 Gridded	6.51E-03	1.23E-03	7.54E-06	1.45E-06	3.25E-03	6.30E-04	6.95E-03	1.33E-03	6.89E-03	1.31E-03	6.48E-03	1.22E-03	8.38E-03	1.65E-03	8.38E-03	1.65E-03	1.21E-02	2.28E-03	6.95E-03	1.33E-03	1.05E-04	2.02E-05	6.50E-03	1.23E-03	7.16E-05	1.38E-05	6.51E-03	1.23E-03	4.03E-01	8.02E-02	8.01E-01	1.41E-01
1897 Gridded	5.85E-03	6.63E-04	6.51E-06	1.09E-06	2.85E-03	3.61E-04	6.18E-03	7.36E-04	6.14E-03	7.26E-04	5.83E-03	6.59E-04	7.26E-03	9.75E-04	7.26E-03	9.75E-04	1.08E-02	1.23E-03	6.18E-03	7.36E-04	9.02E-05	1.51E-05	5.84E-03	6.61E-04	6.17E-05	1.03E-05	5.85E-03	6.64E-04	4.09E-01	8.61E-02	1.12E+00	1.79E-01
1898 Gridded	3.92E-03	6.51E-04	5.38E-06	7.04E-07	2.06E-03	3.17E-04	4.29E-03	6.88E-04	4.24E-03	6.83E-04	3.90E-03	6.49E-04	5.46E-03	8.07E-04	5.46E-03	8.07E-04	7.26E-03	1.21E-03	4.29E-03	6.88E-04	7.46E-05	9.77E-06	3.92E-03	6.50E-04	5.10E-05	6.68E-06	3.93E-03	6.52E-04	3.71E-01	8.72E-02	8.26E-01	1.74E-01
1899 Gridded	3.01E-03	4.79E-04	3.17E-06	7.72E-07	1.51E-03	2.41E-04	3.22E-03	5.13E-04	3.19E-03	5.08E-04	3.00E-03	4.77E-04	3.92E-03	6.22E-04	3.92E-03	6.22E-04	5.57E-03	8.88E-04	3.22E-03	5.13E-04	4.40E-05	1.07E-05	3.00E-03	4.79E-04	3.01E-05	7.32E-06	3.01E-03	4.80E-04	3.57E-01	8.37E-02	7.78E-01	1.01E-01
1900 Gridded	2.68E-03	5.02E-04	5.17E-06	8.18E-07	1.33E-03	2.53E-04	2.85E-03	5.38E-04	2.83E-03	5.33E-04	2.67E-03	5.00E-04	3.41E-03	6.55E-04	3.41E-03	6.55E-04	4.96E-03	9.29E-04	2.85E-03	5.38E-04	7.17E-05	1.13E-05	2.67E-03	5.01E-04	4.90E-05	7.76E-06	2.68E-03	5.02E-04	3.43E-01	5.78E-02	7.88E-01	1.18E-01
1901 Gridded	4.36E-03	7.12E-04	3.67E-06	6.93E-07	1.92E-03	3.47E-04	4.41E-03	7.52E-04	4.40E-03	7.46E-04	4.36E-03	7.09E-04	4.56E-03	8.81E-04	4.56E-03	8.81E-04	8.09E-03	1.32E-03	4.41E-03	7.52E-04	5.10E-05	9.62E-06	4.36E-03	7.11E-04	3.49E-05	6.58E-06	4.36E-03	7.12E-04	2.41E-01	6.67E-02	5.61E-01	1.40E-01
1902 Gridded	4.61E-03	7.35E-04	5.24E-06	1.06E-06	2.30E-03	3.90E-04	4.86E-03	8.07E-04	4.81E-03	7.97E-04	4.60E-03	7.31E-04	6.01E-03	1.04E-03	6.01E-03	1.04E-03	8.55E-03	1.36E-03	4.86E-03	8.07E-04	7.27E-05	1.47E-05	4.61E-03	7.34E-04	4.98E-05	1.00E-05	4.61E-03	7.36E-04	3.83E-01	9.42E-02	7.67E-01	1.66E-01
1903 Gridded	3.83E-03	1.03E-03	5.67E-06	1.41E-06	1.71E-03	5.43E-04	3.90E-03	1.13E-03	3.89E-03	1.12E-03	3.82E-03	1.03E-03	4.13E-03	1.44E-03	4.13E-03	1.44E-03	7.10E-03	1.92E-03	3.90E-03	1.13E-03	7.87E-05	1.95E-05	3.82E-03	1.03E-03	5.38E-05	1.33E-05	3.83E-03	1.04E-03	4.84E-01	8.30E-02	1.01E+00	1.21E-01
1904 Gridded	3.99E-03	1.08E-03	4.39E-06	1.28E-06	1.71E-03	5.53E-04	3.99E-03	1.17E-03	3.99E-03	1.15E-03	3.99E-03	1.08E-03	4.11E-03	1.45E-03	4.11E-03	1.45E-03	7.41E-03	2.00E-03	3.99E-03	1.17E-03	6.09E-05	1.77E-05	3.99E-03	1.08E-03	4.16E-05	1.21E-05	3.99E-03	1.08E-03	3.76E-01	9.53E-02	9.13E-01	1.56E-01
1905 Gridded	3.44E-03	9.04E-04	4.49E-06	1.07E-06	1.79E-03	4.63E-04	3.75E-03	9.75E-04	3.70E-03	9.65E-04	3.43E-03	9.01E-04	4.73E-03	1.21E-03	4.73E-03	1.21E-03	6.37E-03	1.68E-03	3.75E-03	9.75E-04	6.22E-05	1.49E-05	3.44E-03	9.03E-04	4.26E-05	1.02E-05	3.45E-03	9.05E-04	3.07E-01	1.13E-01	8.78E-01	1.84E-01
1906 Gridded	4.23E-03	7.66E-04	4.27E-06	8.36E-07	1.91E-03	3.77E-04	4.32E-03	8.12E-04	4.31E-03	8.06E-04	4.22E-03	7.63E-04	4.61E-03	9.64E-04	4.61E-03	9.64E-04	7.85E-03	1.42E-03	4.32E-03	8.12E-04	5.92E-05	1.16E-05	4.23E-03	7.65E-04	4.05E-05	7.93E-06	4.23E-03	7.66E-04	3.52E-01	8.38E-02	8.97E-01	1.18E-01
1907 Gridded	3.53E-03	5.39E-04	4.39E-06	7.27E-07	1.80E-03	2.82E-04	3.78E-03	5.88E-04	3.74E-03	5.81E-04	3.52E-03	5.36E-04	4.74E-03	7.47E-04	4.74E-03	7.47E-04	6.55E-03	9.97E-04	3.78E-03	5.88E-04	6.09E-05	1.01E-05	3.53E-03	5.38E-04	4.17E-05	6.90E-06	3.54E-03	5.39E-04	2.80E-01	6.09E-02	8.06E-01	1.47E-01
1908 Gridded	4.30E-03	6.36E-04	5.86E-06	7.25E-07	2.16E-03	3.24E-04	4.61E-03	6.85E-04	4.56E-03	6.78E-04	4.29E-03	6.33E-04	5.59E-03	8.44E-04	5.59E-03	8.44E-04	7.97E-03	1.18E-03	4.61E-03	6.85E-04	8.12E-05	1.01E-05	4.30E-03	6.35E-04	5.56E-05	6.88E-06	4.31E-03	6.36E-04	2.40E-01	5.90E-02	5.71E-01	8.56E-02
1909 Gridded	3.49E-03	7.15E-04	5.96E-06	8.25E-07	1.76E-03	3.65E-04	3.74E-03	7.71E-04	3.71E-03	7.63E-04	3.48E-03	7.12E-04	4.56E-03	9.51E-04	4.56E-03	9.51E-04	6.47E-03	1.32E-03	3.74E-03	7.71E-04	8.27E-05	1.14E-05	3.49E-03	7.14E-04	5.66E-05	7.83E-06	3.50E-03	7.16E-04	2.18E-01	5.60E-02	6.16E-01	6.92E-02
1910 Gridded	3.87E-03	4.55E-04	3.77E-06	6.24E-07	1.92E-03	2.32E-04	4.12E-03	4.90E-04	4.09E-03	4.85E-04	3.86E-03	4.53E-04	4.93E-03	6.07E-04	4.93E-03	6.07E-04	7.18E-03	8.43E-04	4.12E-03	4.90E-04	5.23E-05	8.66E-06	3.87E-03	4.54E-04	3.58E-05	5.92E-06	3.88E-03	4.55E-04	2.48E-01	4.88E-02	5.32E-01	7.05E-02
1911 Gridded	4.45E-03	3.86E-04	4.25E-06	5.67E-07	2.21E-03	2.02E-04	4.74E-03	4.21E-04	4.70E-03	4.16E-04	4.44E-03	3.84E-04	5.67E-03	5.33E-04	5.67E-03	5.33E-04	8.25E-03	7.15E-04	4.74E-03	4.21E-04	5.89E-05	7.86E-06	4.45E-03	3.86E-04	4.03E-05	5.38E-06	4.46E-03	3.87E-04	2.08E-01	4.38E-02	3.67E-01	5.37E-02
1912 Gridded	5.93E-03	6.59E-04	5.87E-06	8.79E-07	2.96E-03	3.45E-04	6.33E-03	7.18E-04	6.27E-03	7.10E-04	5.91E-03	6.56E-04	7.61E-03	9.11E-04	7.61E-03	9.11E-04	1.10E-02	1.22E-03	6.33E-03	7.18E-04	8.13E-05	1.22E-05	5.92E-03	6.58E-04	5.57E-05	8.34E-06	5.93E-03	6.60E-04	2.34E-01	6.24E-02	5.95E-01	7.98E-02
1913 Gridded	3.81E-03	6.23E-04	4.76E-06	8.57E-07	1.97E-03	3.28E-04	4.13E-03	6.81E-04	4.08E-03	6.73E-04	3.79E-03	6.20E-04	5.17E-03	8.69E-04	5.17E-03	8.69E-04	7.05E-03	1.15E-03	4.13E-03	6.81E-04	6.61E-05	1.19E-05	3.80E-03	6.22E-04	4.52E-05	8.13E-06	3.81E-03	6.24E-04	4.11E-01	6.19E-02	1.01E+00	7.63E-02
1914 Gridded	2.90E-03	7.73E-04	3.57E-06	9.04E-07	1.44E-03	3.95E-04	3.09E-03	8.34E-04	3.06E-03	8.25E-04	2.89E-03	7.69E-04	3.70E-03	1.03E-03	3.70E-03	1.03E-03	5.38E-03	1.43E-03	3.09E-03	8.34E-04	4.95E-05	1.25E-05	2.90E-03	7.72E-04	3.39E-05	8.58E-06	2.90E-03	7.74E-04	2.92E-01	7.12E-02	6.54E-01	8.49E-02
1915 Gridded	3.36E-03	8.45E-04	3.68E-06	9.44E-07	1.66E-03	4.29E-04	3.57E-03	9.09E-04	3.54E-03	9.00E-04	3.35E-03	8.41E-04	4.26E-03	1.12E-03	4.26E-03	1.12E-03	6.23E-03	1.56E-03	3.57E-03	9.09E-04	5.11E-05	1.31E-05	3.36E-03	8.43E-04	3.49E-05	8.96E-06	3.37E-03	8.46E-04	2.33E-01	6.04E-02	6.96E-01	6.74E-02
1916 Gridded	3.86E-03	6.04E-04	4.21E-06	5.32E-07	1.95E-03	2.95E-04	4.14E-03	6.38E-04	4.10E-03	6.34E-04	3.84E-03	6.03E-04	5.06E-03	7.49E-04	5.06E-03	7.49E-04	7.14E-03	1.12E-03	4.14E-03	6.38E-04	5.84E-05	7.37E-06	3.85E-03	6.04E-04	3.99E-05	5.05E-06	3.86E-03	6.05E-04	2.72E-01	4.88E-02	7.23E-01	7.90E-02
1917 Gridded	4.06E-03	8.21E-04	4.01E-06	8.12E-07	2.02E-03	4.09E-04	4.33E-03	8.76E-04	4.30E-03	8.68E-04	4.05E-03	8.18E-04	5.21E-03	1.05E-03	5.21E-03	1.05E-03	7.53E-03	1.52E-03	4.33E-03	8.76E-04	5.57E-05	1.13E-05	4.06E-03	8.20E-04	3.81E-05	7.70E-06	4.07E-03	8.22E-04	3.80E-01	5.30E-02	1.23E+00	9.20E-02
1918 Gridded	4.82E-03	7.15E-04	4.59E-06	6.46E-07	2.39E-03	3.50E-04	5.13E-03	7.56E-04	5.09E-03	7.50E-04	4.81E-03	7.12E-04	6.14E-03	8.90E-04	6.14E-03	8.90E-04	8.94E-03	1.32E-03	5.13E-03	7.56E-04	6.36E-05	8.97E-06	4.82E-03	7.14E-04	4.35E-05	6.13E-06	4.83E-03	7.15E-04	3.78E-01	6.15E-02	6.91E-01	9.94E-02
1919 Gridded	4.54E-03	5.45E-04	3.99E-06	6.27E-07	2.22E-03	2.72E-04	4.80E-03	5.82E-04	4.77E-03	5.77E-04	4.53E-03	5.43E-04	5.65E-03	7.02E-04	5.65E-03	7.02E-04	8.42E-03	1.01E-03	4.80E-03	5.82E-04	5.53E-05	8.69E-06	4.54E-03	5.44E-04	3.78E-05	5.95E-06	4.55E-03	5.45E-04	2.38E-01	5.43E-02	9.10E-01	7.66E-02
1920 Gridded	5.41E-03	8.28E-04	4.66E-06	8.88E-07	2.62E-03	4.17E-04	5.65E-03	8.88E-04	5.61E-03	8.79E-04	5.39E-03	8.25E-04	6.67E-03	1.08E-03	6.67E-03	1.08E-03	1.00E-02	1.53E-03	5.65E-03	8.88E-04	6.47E-05	1.23E-05	5.40E-03	8.27E-04	4.43E-05	8.42E-06	5.41E-03	8.29E-04	2.97E-01	5.37E-02	9.27E-01	8.83E-02
1921 Gridded	4.48E-03	6.92E-04	4.57E-06	7.68E-07	2.16E-03	3.36E-04	4.71E-03	7.23E-04	4.68E-03	7.18E-04	4.47E-03	6.91E-04	5.47E-03	8.68E-04	5.47E-03	8.68E-04	8.31E-03	1.28E-03	4.71E-03	7.23E-04	6.34E-05	1.06E-05	4.48E-03	6.92E-04	4.34E-05	7.29E-06	4.49E-03	6.93E-04	2.60E-01	5.79E-02	7.68E-01	9.26E-02
1922 Gridded	6.16E-03	1.05E-03	4.93E-06	8.98E-07	2.99E-03	5.12E-04	6.49E-03	1.11E-03	6.44E-03	1.10E-03	6.14E-03	1.04E-03	7.57E-03	1.30E-03	7.57E-03	1.30E-03	1.14E-02	1.94E-03	6.49E-03	1.11E-03	6.84E-05	1.25E-05	6.15E-03	1.04E-03	4.68E-05	8.52E-06	6.16E-03	1.05E-03	2.96E-01	6.03E-02	7.75E-01	8.77E-02
1923 Gridded	6.04E-03	6.06E-04	5.76E-06	5.33E-07	3.00E-03	2.85E-04	6.43E-03	6.31E-04	6.38E-03	6.27E-04	6.02E-03	6.05E-04	7.69E-03	7.09E-04	7.69E-03	7.09E-04	1.12E-02	1.12E-03	6.43E-03	6.31E-04	7.99E-05	7.39E-06	6.03E-03	6.06E-04	5.46E-05	5.06E-06	6.05E-03	6.07E-04	2.74E-01	5.77E-02	8.64E-01	8.03E-02
1924 Gridded	6.74E-03	8.16E-04	6.64E-06	7.37E-07	3.36E-03	4.02E-04	7.19E-03	8.66E-04	7.12E-03	8.59E-04	6.71E-03	8.13E-04	8.64E-03	1.03E-03	8.64E-03	1.03E-03	1.25E-02	1.51E-03	7.19E-03	8.66E-04	9.20E-05	1.02E-05	6.73E-03	8.15E-04	6.30E-05	6.99E-06	6.74E-03	8.17E-04	3.55E-01	5.89E-02	5.17E-01	9.24E-02
1925 Gridded	5.98E-03	6.30E-04	5.88E-06	5.36E-07	2.98E-03	2.98E-04	6.38E-03	6.57E-04	6.32E-03	6.53E-04	5.96E-03	6.29E-04	7.66E-03	7.45E-04	7.66E-03	7.45E-04	1.11E-02	1.17E-03	6.38E-03	6.57E-04	8.15E-05	7.43E-06	5.97E-03	6.30E-04	5.58E-05	5.08E-06	5.98E-03	6.31E-04	3.60E-01	4.92E-02	5.45E-01	6.35E-02
1926 Gridded	5.23E-03	6.06E-04	5.31E-06	6.31E-07	2.62E-03	3.04E-04	5.59E-03	6.49E-04	5.54E-03	6.43E-04	5.21E-03	6.04E-04	6.76E-03	7.87E-04	6.76E-03	7.87E-04	9.70E-03	1.12E-03	5.59E-03	6.49E-04	7.36E-05	8.75E-06	5.23E-03	6.06E-04	5.04E-05	5.98E-06	5.24E-03	6.07E-04	4.00E-01	4.47E-02	5.09E-01	6.82E-02
1927 Gridded	4.69E-03	7.45E-04	4.59E-06	7.79E-07	2.24E-03	3.74E-04	4.91E-03	7.98E-04	4.88E-03	7.90E-04	4.68E-03	7.42E-04	5.63E-03	9.68E-04	5.63E-03	9.68E-04	8.70E-03	1.38E-03	4.91E-03	7.98E-04	6.37E-05	1.08E-05	4.69E-03	7.44E-04	4.36E-05	7.39E-06	4.69E-03	7.46E-04	3.23E-01	3.72E-02	4.71E-01	5.43E-02
1928 Gridded	5.08E-03	8.11E-04	3.96E-06	7.24E-07	2.42E-03	3.99E-04	5.32E-03	8.60E-04	5.28E-03	8.53E-04	5.07E-03	8.09E-04	6.07E-03	1.02E-03	6.07E-03	1.02E-03	9.43E-03	1.50E-03	5.32E-03	8.60E-04	5.49E-05	1.00E-05	5.08E-03	8.10E-04	3.75E-05	6.87E-06	5.09E-03	8.12E-04	2.71E-01	5.01E-02	4.99E-01	6.31E-02
1929 Gridded	4.47E-03	6.16E-04	3.60E-06	5.38E-07	2.17E-03	2.99E-04	4.71E-03	6.49E-04	4.68E-03	6.44E-04	4.46E-03	6.14E-04	5.50E-03	7.57E-04	5.50E-03	7.57E-04	8.29E-03	1.14E-03	4.71E-03	6.49E-04	4.99E-05	7.46E-06	4.47E-03	6.15E-04	3.42E-05	5.10E-06	4.47E-03	6.16E-04	3.07E-01	5.12E-02	4.95E-01	8.20E-02
1930 Gridded	4.45E-03	5.16E-04	3.59E-06	4.89E-07	2.08E-03	2.56E-04	4.61E-03	5.49E-04	4.59E-03	5.45E-04	4.44E-03	5.15E-04	5.14E-03	6.56E-04	5.14E-03	6.56E-04	8.26E-03	9.57E-04	4.61E-03	5.49E-04	4.98E-05	6.78E-06	4.45E-03	5.16E-04	3.41E-05	4.64E-06	4.45E-03	5.17E-04	3.02E-01	4.33E-02	5.24E-01	7.06E-02
1931 Gridded	3.50E-03	5.46E-04	3.26E-06	5.11E-07	1.73E-03	2.70E-04	3.72E-03	5.80E-04	3.69E-03	5.75E-04	3.49E-03	5.44E-04	4.43E-03	6.92E-04	4.43E-03	6.92E-04	6.48E-03	1.01E-03	3.72E-03	5.80E-04	4.53E-05	7.08E-06	3.49E-03	5.45E-04	3.10E-05	4.85E-06	3.50E-03	5.46E-04	2.45E-01	3.83E-02	5.36E-01	6.38E-02
1932 Gridded	3.41E-03	5.00E-04	3.21E-06	4.71E-07	1.69E-03	2.48E-04	3.63E-03	5.32E-04	3.60E-03	5.28E-04	3.40E-03	4.99E-04	4.33E-03	6.35E-04	4.33E-03	6.35E-04	6.32E-03	9.27E-04	3.63E-03	5.32E-04	4.45E-05	6.53E-06	3.41E-03	5.00E-04	3.04E-05	4.47E-06	3.42E-03	5.01E-04	2.23E-01	3.21E-02	5.06E-01	5.85E-02
1933 Gridded	2.39E-03	4.07E-04	2.05E-06	3.86E-07	1.15E-03	2.02E-04	2.51E-03	4.33E-04	2.49E-03	4.29E-04	2.38E-03	4.05E-04	2.91E-03	5.17E-04	2.91E-03	5.17E-04	4.42E-03	7.53E-04	2.51E-03	4.33E-04	2.84E-05	5.36E-06	2.38E-03	4.06E-04	1.95E-05	3.67E-06	2.39E-03	4.07E-04	1.64E-01	2.39E-02	3.42E-01	3.98E-02
1934 Gridded	2.03E-03	3.26E-04	2.05E-06	3.11E-07	1.01E-03	1.62E-04	2.16E-03	3.47E-04	2.15E-03	3.44E-04	2.02E-03	3.25E-04	2.61E-03	4.15E-04	2.61E-03	4.15E-04	3.75E-03	6.03E-04	2.16E-03	3.47E-04	2.84E-05	4.32E-06	2.02E-03	3.25E-04	1.95E-05	2.96E-06	2.03E-03	3.26E-04	1.92E-01	2.29E-02	3.31E-01	3.37E-02
1935 Gridded	1.91E-03	2.40E-04	1.88E-06	2.44E-07	9.53E-04	1.19E-04	2.04E-03	2.56E-04	2.02E-03	2.53E-04	1.91E-03	2.39E-04	2.45E-03	3.06E-04	2.45E-03	3.06E-04	3.55E-03	4.45E-04	2.04E-03	2.56E-04	2.61E-05	3.38E-06	1.91E-03	2.40E-04	1.79E-05	2.31E-06	1.92E-03	2.40E-04	1.59E-01	2.12E-02	2.50E-01	2.61E-02
1936 Gridded	1.80E-03	2.45E-04	1.69E-06	3.14E-07	8.91E-04	1.27E-04	1.91E-03	2.66E-04	1.90E-03	2.63E-04	1.79E-03	2.43E-04	2.28E-03	3.35E-04	2.28E-03	3.35E-04	3.34E-03	4.53E-04	1.91E-03	2.66E-04	2.35E-05	4.36E-06	1.80E-03	2.44E-04	1.61E-05	2.98E-06	1.80E-03	2.45E-04	1.39E-01	1.98E-02	2.16E-01	2.04E-02
1937 Gridded	1.78E-03	3.51E-04	1.75E-06	3.89E-07	8.71E-04	1.78E-04	1.88E-03	3.77E-04	1.87E-03	3.74E-04	1.77E-03	3.50E-04	2.24E-03	4.63E-04	2.24E-03	4.63E-04	3.30E-03	6.50E-04	1.88E-03	3.77E-04	2.43E-05	5.40E-06	1.78E-03	3.51E-04	1.66E-05	3.69E-06	1.78E-03	3.51E-04	1.55E-01	2.37E-02	2.37E-01	3.52E-02
1938 Gridded	3.41E-03	5.30E-04	3.47E-06	5.09E-07	1.71E-03	2.63E-04	3.65E-03	5.65E-04	3.62E-03	5.60E-04	3.40E-03	5.28E-04	4.41E-03	6.76E-04	4.41E-03	6.76E-04	6.33E-03	9.83E-04	3.65E-03	5.65E-04	4.81E-05	7.06E-06	3.41E-03	5.30E-04	3.29E-05	4.83E-06	3.42E-03	5.31E-04	2.55E-01	4.36E-02	4.36E-01	7.37E-02
1939 Gridded	6.91E-03	7.54E-04	6.60E-06	8.71E-07	3.43E-03	3.78E-04	7.36E-03	8.06E-04	7.30E-03	7.99E-04	6.89E-03	7.52E-04	8.80E-03	9.75E-04	8.80E-03	9.75E-04	1.28E-02	1.40E-03	7.36E-03	8.06E-04	9.15E-05	1.21E-05	6.90E-03	7.53E-04	6.26E-05	8.26E-06	6.92E-03	7.55E-04	3.01E-01	4.93E-02	5.70E-01	8.10E-02
1940 Gridded	4.93E-03	5.79E-04	4.49E-06	6.52E-07	2.43E-03	2.89E-04	5.23E-03	6.18E-04	5.19E-03	6.13E-04	4.92E-03	5.77E-04	6.19E-03	7.45E-04	6.19E-03	7.45E-04	9.14E-03	1.07E-03	5.23E-03	6.18E-04	6.22E-05	9.04E-06	4.93E-03	5.78E-04	4.26E-05	6.18E-06	4.94E-03	5.80E-04	2.84E-01	5.14E-02	5.71E-01	7.48E-02
1941 Gridded	5.16E-03	6.89E-04	5.36E-06	8.00E-07	2.47E-03	3.52E-04	5.40E-03	7.43E-04	5.37E-03	7.36E-04	5.14E-03	6.86E-04	6.21E-03	9.18E-04	6.21E-03	9.18E-04	9.56E-03	1.28E-03	5.40E-03	7.43E-04	7.44E-05	1.11E-05	5.15E-03	6.88E-04	5.09E-05	7.59E-06	5.16E-03	6.90E-04	3.17E-01	5.51E-02	6.07E-01	7.41E-02
1942 Gridded	5.51E-03	7.86E-04	6.17E-06	8.12E-07	2.80E-03	3.89E-04	5.93E-03	8.36E-04	5.87E-03	8.29E-04	5.49E-03	7.84E-04	7.28E-03	9.96E-04	7.28E-03	9.96E-04	1.02E-02	1.46E-03	5.93E-03	8.36E-04	8.56E-05	1.13E-05	5.50E-03	7.85E-04	5.86E-05	7.70E-06	5.52E-03	7.87E-04	2.76E-01	5.37E-02	6.97E-01	8.40E-02
1943 Gridded	6.58E-03	1.02E-03	6.98E-06	1.11E-06	3.29E-03	5.16E-04	7.03E-03	1.10E-03	6.97E-03	1.09E-03	6.56E-03	1.02E-03	8.47E-03	1.34E-03	8.47E-03	1.34E-03	1.22E-02	1.89E-03	7.03E-03	1.10E-03	9.68E-05	1.54E-05	6.57E-03	1.02E-03	6.62E-05	1.06E-05	6.59E-03	1.02E-03	3.19E-01	6.83E-02	8.06E-01	1.23E-01
1944 Gridded	8.38E-03	1.40E-03	8.19E-06	1.35E-06	4.17E-03	6.98E-04	8.94E-03	1.50E-03	8.86E-03	1.48E-03	8.35E-03	1.40E-03	1.07E-02	1.79E-03	1.07E-02	1.79E-03	1.55E-02	2.60E-03	8.94E-03	1.50E-03	1.14E-04	1.87E-05	8.37E-03	1.40E-03	7.77E-05	1.28E-05	8.39E-03	1.41E-03	3.43E-01	7.63E-02	8.23E-01	1.36E-01
1945 Gridded	8.89E-03	1.58E-03	8.43E-06	1.41E-06	4.34E-03	7.75E-04	9.39E-03	1.67E-03	9.32E-03	1.66E-03	8.86E-03	1.57E-03	1.10E-02	1.98E-03	1.10E-02	1.98E-03	1.65E-02	2.92E-03	9.39E-03	1.67E-03	1.17E-04	1.95E-05	8.88E-03	1.58E-03	8.00E-05	1.33E-05	8.90E-03	1.58E-03	3.76E-01	7.20E-02	8.20E-01	1.12E-01
1946 Gridded	9.38E-03	1.42E-03	1.00E-05	1.72E-06	4.73E-03	7.31E-04	1.01E-02	1.54E-03	9.96E-03	1.52E-03	9.34E-03	1.42E-03	1.23E-02	1.91E-03	1.23E-02	1.91E-03	1.74E-02	2.64E-03	1.01E-02	1.54E-03	1.39E-04	2.38E-05	9.36E-03	1.42E-03	9.53E-05	1.63E-05	9.38E-03	1.42E-03	3.89E-01	8.33E-02	8.07E-01	1.39E-01
1947 Gridded	8.91E-03	7.88E-04	8.50E-06	1.22E-06	4.39E-03	4.24E-04	9.45E-03	8.71E-04	9.37E-03	8.59E-04	8.88E-03	7.84E-04	1.12E-02	1.14E-03	1.12E-02	1.14E-03	1.65E-02	1.46E-03	9.45E-03	8.71E-04	1.18E-04	1.69E-05	8.89E-03	7.87E-04	8.07E-05	1.16E-05	8.91E-03	7.89E-04	4.65E-01	8.47E-02	9.85E-01	1.91E-01
1948 Gridded	5.26E-03	6.97E-04	7.68E-06	1.08E-06	2.63E-03	3.67E-04	5.62E-03	7.51E-04	5.57E-03	7.41E-04	5.24E-03	6.95E-04	6.85E-03	9.89E-04	6.85E-03	9.89E-04	9.75E-03	1.29E-03	5.62E-03	7.51E-04	1.07E-04	1.50E-05	5.25E-03	6.97E-04	7.29E-05	1.03E-05	5.27E-03	6.98E-04	4.75E-01	9.61E-02	9.47E-01	1.84E-01
1949 Gridded	4.63E-03	6.96E-04	5.32E-06	1.10E-06	2.36E-03	3.76E-04	4.98E-03	7.71E-04	4.93E-03	7.60E-04	4.61E-03	6.92E-04	6.15E-03	1.01E-03	6.15E-03	1.01E-03	8.57E-03	1.29E-03	4.98E-03	7.71E-04	7.37E-05	1.53E-05	4.62E-03	6.95E-04	5.04E-05	1.04E-05	4.63E-03	6.97E-04	3.74E-01	8.67E-02	9.44E-01	1.27E-01
1950 Gridded	2.92E-03	5.05E-04	5.23E-06	8.53E-07	1.46E-03	2.52E-04	3.12E-03	5.38E-04	3.09E-03	5.34E-04	2.91E-03	5.03E-04	3.75E-03	6.48E-04	3.75E-03	6.48E-04	5.41E-03	9.35E-04	3.12E-03	5.38E-04	7.25E-05	1.18E-05	2.92E-03	5.04E-04	4.96E-05	8.10E-06	2.92E-03	5.05E-04	3.33E-01	5.48E-02	7.71E-01	1.12E-01
1951 Gridded	5.44E-03	8.02E-04	4.09E-06	7.35E-07	2.40E-03	3.88E-04	5.51E-03	8.44E-04	5.50E-03	8.38E-04	5.44E-03	7.99E-04	5.72E-03	9.82E-04	5.72E-03	9.82E-04	1.01E-02	1.49E-03	5.51E-03	8.44E-04	5.68E-05	1.02E-05	5.44E-03	8.01E-04	3.88E-05	6.98E-06	5.44E-03	8.02E-04	2.50E-01	7.09E-02	5.93E-01	1.49E-01
1952 Gridded	4.94E-03	7.55E-04	5.37E-06	1.07E-06	2.50E-03	3.99E-04	5.30E-03	8.28E-04	5.25E-03	8.18E-04	4.92E-03	7.51E-04	6.48E-03	1.06E-03	6.48E-03	1.06E-03	9.15E-03	1.40E-03	5.30E-03	8.28E-04	7.45E-05	1.49E-05	4.93E-03	7.54E-04	5.10E-05	1.02E-05	4.94E-03	7.56E-04	3.62E-01	9.04E-02	6.90E-01	1.61E-01
1953 Gridded	2.60E-03	8.46E-04	4.30E-06	1.12E-06	1.32E-03	4.42E-04	2.79E-03	9.22E-04	2.77E-03	9.11E-04	2.59E-03	8.42E-04	3.43E-03	1.17E-03	3.43E-03	1.17E-03	4.81E-03	1.57E-03	2.79E-03	9.22E-04	5.96E-05	1.55E-05	2.59E-03	8.45E-04	4.08E-05	1.06E-05	2.60E-03	8.47E-04	3.69E-01	6.73E-02	7.83E-01	1.02E-01
1954 Gridded	4.16E-03	1.06E-03	4.80E-06	1.33E-06	1.85E-03	5.47E-04	4.16E-03	1.15E-03	4.16E-03	1.14E-03	4.16E-03	1.05E-03	4.90E-03	1.44E-03	4.90E-03	1.44E-03	7.73E-03	1.96E-03	4.16E-03	1.15E-03	6.66E-05	1.84E-05	4.16E-03	1.06E-03	4.55E-05	1.26E-05	4.16E-03	1.06E-03	4.57E-01	8.04E-02	9.17E-01	1.24E-01
1955 Gridded	5.25E-03	1.22E-03	6.14E-06	1.15E-06	2.69E-03	6.06E-04	5.67E-03	1.30E-03	5.61E-03	1.29E-03	5.23E-03	1.22E-03	7.01E-03	1.55E-03	7.01E-03	1.55E-03	9.73E-03	2.27E-03	5.67E-03	1.30E-03	8.52E-05	1.60E-05	5.25E-03	1.22E-03	5.83E-05	1.09E-05	5.26E-03	1.22E-03	4.20E-01	1.21E-01	1.10E+00	2.27E-01
1956 Gridded	4.38E-03	7.73E-04	5.21E-06	1.20E-06	1.89E-03	3.95E-04	4.39E-03	8.22E-04	4.39E-03	8.15E-04	4.38E-03	7.70E-04	4.43E-03	1.05E-03	4.43E-03	1.05E-03	8.13E-03	1.43E-03	4.39E-03	8.22E-04	7.22E-05	1.66E-05	4.38E-03	7.71E-04	4.94E-05	1.14E-05	4.38E-03	7.73E-04	4.05E-01	9.85E-02	9.65E-01	1.36E-01
1957 Gridded	4.14E-03	5.52E-04	3.88E-06	6.37E-07	2.03E-03	2.75E-04	4.39E-03	5.88E-04	4.35E-03	5.83E-04	4.13E-03	5.50E-04	5.17E-03	7.06E-04	5.17E-03	7.06E-04	7.68E-03	1.02E-03	4.39E-03	5.88E-04	5.39E-05	8.83E-06	4.14E-03	5.52E-04	3.69E-05	6.04E-06	4.15E-03	5.53E-04	3.33E-01	7.22E-02	1.02E+00	1.16E-01
1958 Gridded	4.29E-03	6.72E-04	6.26E-06	8.44E-07	2.05E-03	3.48E-04	4.49E-03	7.29E-04	4.46E-03	7.21E-04	4.28E-03	6.69E-04	5.16E-03	9.14E-04	5.16E-03	9.14E-04	7.95E-03	1.24E-03	4.49E-03	7.29E-04	8.68E-05	1.17E-05	4.28E-03	6.71E-04	5.94E-05	8.00E-06	4.29E-03	6.73E-04	3.15E-01	5.69E-02	7.43E-01	1.34E-01
1959 Gridded	3.89E-03	6.97E-04	7.25E-06	7.87E-07	1.94E-03	3.54E-04	4.12E-03	7.50E-04	4.08E-03	7.42E-04	3.89E-03	6.94E-04	5.05E-03	9.22E-04	5.05E-03	9.22E-04	7.22E-03	1.29E-03	4.12E-03	7.50E-04	1.01E-04	1.09E-05	3.89E-03	6.95E-04	6.88E-05	7.47E-06	3.89E-03	6.97E-04	2.68E-01	5.94E-02	6.20E-01	8.12E-02
1960 Gridded	3.26E-03	6.26E-04	2.99E-06	7.22E-07	1.59E-03	3.19E-04	3.44E-03	6.75E-04	3.42E-03	6.68E-04	3.25E-03	6.23E-04	4.05E-03	8.33E-04	4.05E-03	8.33E-04	6.03E-03	1.16E-03	3.44E-03	6.75E-04	4.15E-05	1.00E-05	3.25E-03	6.25E-04	2.84E-05	6.85E-06	3.26E-03	6.26E-04	2.46E-01	5.34E-02	6.18E-01	6.62E-02
1961 Gridded	2.40E-03	4.14E-04	4.25E-06	6.21E-07	1.33E-03	2.21E-04	2.69E-03	4.56E-04	2.65E-03	4.50E-04	2.39E-03	4.12E-04	3.62E-03	5.92E-04	3.62E-03	5.92E-04	4.45E-03	7.66E-04	2.69E-03	4.56E-04	5.90E-05	8.61E-06	2.40E-03	4.13E-04	4.03E-05	5.89E-06	2.41E-03	4.15E-04	2.65E-01	4.88E-02	6.33E-01	7.32E-02
1962 Gridded	4.32E-03	4.38E-04	4.19E-06	6.54E-07	2.14E-03	2.34E-04	4.59E-03	4.82E-04	4.56E-03	4.76E-04	4.30E-03	4.35E-04	5.49E-03	6.25E-04	5.49E-03	6.25E-04	8.00E-03	8.10E-04	4.59E-03	4.82E-04	5.81E-05	9.08E-06	4.31E-03	4.37E-04	3.98E-05	6.21E-06	4.32E-03	4.38E-04	2.00E-01	3.62E-02	4.56E-01	4.45E-02
1963 Gridded	5.45E-03	6.55E-04	5.49E-06	8.41E-07	2.73E-03	3.40E-04	5.83E-03	7.11E-04	5.77E-03	7.04E-04	5.43E-03	6.52E-04	7.03E-03	8.96E-04	7.03E-03	8.96E-04	1.01E-02	1.21E-03	5.83E-03	7.11E-04	7.62E-05	1.17E-05	5.45E-03	6.53E-04	5.21E-05	7.98E-06	5.46E-03	6.55E-04	2.36E-01	6.14E-02	6.68E-01	7.93E-02
1964 Gridded	3.48E-03	6.37E-04	4.53E-06	8.57E-07	1.81E-03	3.33E-04	3.78E-03	6.95E-04	3.74E-03	6.87E-04	3.46E-03	6.34E-04	4.77E-03	8.82E-04	4.77E-03	8.82E-04	6.44E-03	1.18E-03	3.78E-03	6.95E-04	6.28E-05	1.19E-05	3.47E-03	6.36E-04	4.29E-05	8.13E-06	3.48E-03	6.38E-04	3.19E-01	5.96E-02	6.43E-01	7.78E-02
1965 Gridded	2.60E-03	7.97E-04	3.38E-06	9.38E-07	1.29E-03	4.08E-04	2.77E-03	8.61E-04	2.75E-03	8.52E-04	2.59E-03	7.94E-04	3.34E-03	1.07E-03	3.34E-03	1.07E-03	4.82E-03	1.48E-03	2.77E-03	8.61E-04	4.69E-05	1.30E-05	2.60E-03	7.96E-04	3.21E-05	8.91E-06	2.60E-03	7.98E-04	2.05E-01	6.69E-02	4.99E-01	7.98E-02
1966 Gridded	2.97E-03	7.61E-04	3.87E-06	8.76E-07	1.48E-03	3.88E-04	3.17E-03	8.20E-04	3.14E-03	8.12E-04	2.96E-03	7.58E-04	3.81E-03	1.01E-03	3.81E-03	1.01E-03	5.51E-03	1.41E-03	3.17E-03	8.20E-04	5.36E-05	1.22E-05	2.97E-03	7.60E-04	3.67E-05	8.31E-06	2.98E-03	7.62E-04	2.21E-01	5.13E-02	5.34E-01	6.44E-02
1967 Gridded	3.25E-03	6.10E-04	3.60E-06	5.61E-07	1.65E-03	3.01E-04	3.50E-03	6.48E-04	3.46E-03	6.43E-04	3.24E-03	6.08E-04	4.29E-03	7.71E-04	4.29E-03	7.71E-04	6.03E-03	1.13E-03	3.50E-03	6.48E-04	4.99E-05	7.78E-06	3.25E-03	6.09E-04	3.42E-05	5.32E-06	3.26E-03	6.11E-04	2.00E-01	4.63E-02	5.34E-01	6.89E-02
1968 Gridded	3.40E-03	6.85E-04	3.49E-06	7.25E-07	1.70E-03	3.45E-04	3.63E-03	7.34E-04	3.60E-03	7.27E-04	3.38E-03	6.82E-04	4.40E-03	8.93E-04	4.40E-03	8.93E-04	6.29E-03	1.27E-03	3.63E-03	7.34E-04	4.85E-05	1.01E-05	3.39E-03	6.84E-04	3.32E-05	6.88E-06	3.40E-03	6.86E-04	2.84E-01	4.60E-02	6.96E-01	7.13E-02
1969 Gridded	4.06E-03	6.39E-04	3.99E-06	6.30E-07	2.02E-03	3.19E-04	4.33E-03	6.82E-04	4.29E-03	6.76E-04	4.04E-03	6.37E-04	5.20E-03	8.20E-04	5.20E-03	8.20E-04	7.52E-03	1.18E-03	4.33E-03	6.82E-04	5.53E-05	8.74E-06	4.05E-03	6.39E-04	3.78E-05	5.98E-06	4.06E-03	6.40E-04	3.92E-01	5.63E-02	1.02E+00	9.53E-02
1970 Gridded	4.06E-03	5.08E-04	3.86E-06	5.37E-07	2.01E-03	2.45E-04	4.32E-03	5.34E-04	4.28E-03	5.30E-04	4.04E-03	5.06E-04	5.16E-03	6.20E-04	5.16E-03	6.20E-04	7.51E-03	9.41E-04	4.32E-03	5.34E-04	5.36E-05	7.44E-06	4.05E-03	5.07E-04	3.66E-05	5.09E-06	4.06E-03	5.08E-04	2.19E-01	4.64E-02	6.57E-01	6.84E-02
1971 Gridded	4.36E-03	6.02E-04	4.25E-06	6.15E-07	2.02E-03	3.02E-04	4.50E-03	6.44E-04	4.48E-03	6.38E-04	4.35E-03	6.00E-04	5.07E-03	7.78E-04	5.07E-03	7.78E-04	8.09E-03	1.12E-03	4.50E-03	6.44E-04	5.89E-05	8.53E-06	4.36E-03	6.01E-04	4.03E-05	5.83E-06	4.36E-03	6.03E-04	3.13E-01	5.03E-02	7.24E-01	7.14E-02
1972 Gridded	4.85E-03	8.88E-04	4.09E-06	8.31E-07	2.29E-03	4.39E-04	5.00E-03	9.44E-04	4.97E-03	9.36E-04	4.85E-03	8.85E-04	5.78E-03	1.13E-03	5.78E-03	1.13E-03	9.01E-03	1.65E-03	5.00E-03	9.44E-04	5.68E-05	1.15E-05	4.85E-03	8.87E-04	3.88E-05	7.89E-06	4.86E-03	8.89E-04	3.00E-01	4.82E-02	7.39E-01	7.70E-02
1973 Gridded	5.07E-03	8.51E-04	5.27E-06	9.37E-07	2.52E-03	4.31E-04	5.40E-03	9.14E-04	5.36E-03	9.05E-04	5.05E-03	8.47E-04	6.48E-03	1.12E-03	6.48E-03	1.12E-03	9.40E-03	1.58E-03	5.40E-03	9.14E-04	7.31E-05	1.30E-05	5.06E-03	8.49E-04	5.00E-05	8.89E-06	5.08E-03	8.51E-04	2.82E-01	5.32E-02	7.30E-01	8.71E-02
1974 Gridded	5.50E-03	9.96E-04	4.32E-06	8.29E-07	2.66E-03	4.86E-04	5.79E-03	1.05E-03	5.75E-03	1.04E-03	5.48E-03	9.93E-04	6.74E-03	1.23E-03	6.74E-03	1.23E-03	1.02E-02	1.85E-03	5.79E-03	1.05E-03	5.99E-05	1.15E-05	5.49E-03	9.95E-04	4.10E-05	7.87E-06	5.50E-03	9.97E-04	3.03E-01	5.95E-02	7.09E-01	8.52E-02
1975 Gridded	5.74E-03	6.04E-04	5.02E-06	5.68E-07	2.82E-03	2.99E-04	6.08E-03	6.43E-04	6.03E-03	6.37E-04	5.72E-03	6.02E-04	7.18E-03	7.67E-04	7.18E-03	7.67E-04	1.06E-02	1.12E-03	6.08E-03	6.43E-04	6.96E-05	7.87E-06	5.74E-03	6.03E-04	4.76E-05	5.39E-06	5.75E-03	6.05E-04	2.81E-01	5.71E-02	8.12E-01	8.08E-02
1976 Gridded	6.17E-03	8.07E-04	5.97E-06	6.97E-07	3.04E-03	3.95E-04	6.52E-03	8.54E-04	6.46E-03	8.47E-04	6.15E-03	8.04E-04	7.80E-03	1.01E-03	7.80E-03	1.01E-03	1.14E-02	1.50E-03	6.52E-03	8.54E-04	8.28E-05	9.66E-06	6.16E-03	8.06E-04	5.66E-05	6.61E-06	6.17E-03	8.08E-04	3.55E-01	5.51E-02	5.27E-01	8.72E-02
1977 Gridded	5.95E-03	6.50E-04	5.73E-06	5.77E-07	2.95E-03	3.07E-04	6.33E-03	6.77E-04	6.28E-03	6.73E-04	5.93E-03	6.48E-04	7.59E-03	7.66E-04	7.59E-03	7.66E-04	1.10E-02	1.21E-03	6.33E-03	6.77E-04	7.94E-05	8.00E-06	5.94E-03	6.49E-04	5.43E-05	5.47E-06	5.95E-03	6.50E-04	3.65E-01	4.83E-02	5.85E-01	6.48E-02
1978 Gridded	5.84E-03	5.44E-04	6.54E-06	5.75E-07	2.96E-03	2.74E-04	6.28E-03	5.83E-04	6.22E-03	5.78E-04	5.81E-03	5.42E-04	7.71E-03	7.09E-04	7.71E-03	7.09E-04	1.08E-02	1.01E-03	6.28E-03	5.83E-04	9.06E-05	7.97E-06	5.83E-03	5.43E-04	6.20E-05	5.45E-06	5.84E-03	5.45E-04	4.16E-01	4.83E-02	5.33E-01	7.40E-02
1979 Gridded	6.54E-03	8.48E-04	5.97E-06	9.05E-07	3.23E-03	4.27E-04	6.95E-03	9.09E-04	6.89E-03	9.00E-04	6.52E-03	8.45E-04	8.25E-03	1.11E-03	8.25E-03	1.11E-03	1.21E-02	1.57E-03	6.95E-03	9.09E-04	8.27E-05	1.25E-05	6.53E-03	8.47E-04	5.66E-05	8.59E-06	6.55E-03	8.49E-04	4.50E-01	4.61E-02	6.79E-01	6.92E-02

Scenario 4 Results

1980 Gridded	7.36E-03	1.11E-03	5.96E-06	1.05E-06	3.57E-03	5.48E-04	7.76E-03	1.18E-03	7.70E-03	1.17E-03	7.34E-03	1.10E-03	9.03E-03	1.41E-03	9.03E-03	1.41E-03	1.37E-02	2.05E-03	7.76E-03	1.18E-03	8.26E-05	1.46E-05	7.36E-03	1.10E-03	5.65E-05	9.97E-06	7.37E-03	1.11E-03	3.66E-01	5.81E-02	6.13E-01	6.93E-02
1981 Gridded	5.62E-03	8.56E-04	4.38E-06	6.88E-07	2.67E-03	4.15E-04	5.87E-03	9.02E-04	5.84E-03	8.96E-04	5.60E-03	8.53E-04	6.69E-03	1.05E-03	6.69E-03	1.05E-03	1.04E-02	1.59E-03	5.87E-03	9.02E-04	6.07E-05	9.54E-06	5.61E-03	8.55E-04	4.15E-05	6.53E-06	5.62E-03	8.56E-04	3.60E-01	6.11E-02	5.40E-01	8.99E-02
1982 Gridded	5.43E-03	6.40E-04	3.67E-06	4.89E-07	2.58E-03	3.09E-04	5.67E-03	6.73E-04	5.64E-03	6.69E-04	5.41E-03	6.38E-04	6.48E-03	7.80E-04	6.48E-03	7.80E-04	1.01E-02	1.19E-03	5.67E-03	6.73E-04	5.09E-05	6.79E-06	5.42E-03	6.39E-04	3.49E-05	4.64E-06	5.43E-03	6.41E-04	2.78E-01	4.52E-02	4.72E-01	7.84E-02
1983 Gridded	4.18E-03	4.98E-04	3.98E-06	4.66E-07	1.93E-03	2.46E-04	4.31E-03	5.28E-04	4.29E-03	5.24E-04	4.17E-03	4.96E-04	4.93E-03	6.30E-04	4.93E-03	6.30E-04	7.76E-03	9.22E-04	4.31E-03	5.28E-04	5.51E-05	6.46E-06	4.18E-03	4.97E-04	3.77E-05	4.42E-06	4.18E-03	4.98E-04	3.17E-01	4.28E-02	5.49E-01	7.51E-02
1984 Gridded	3.41E-03	4.79E-04	2.98E-06	4.49E-07	1.67E-03	2.37E-04	3.61E-03	5.09E-04	3.59E-03	5.05E-04	3.40E-03	4.77E-04	4.27E-03	6.07E-04	4.27E-03	6.07E-04	6.32E-03	8.87E-04	3.61E-03	5.09E-04	4.13E-05	6.22E-06	3.41E-03	4.78E-04	2.83E-05	4.26E-06	3.42E-03	4.79E-04	2.11E-01	3.37E-02	4.40E-01	5.24E-02
1985 Gridded	2.38E-03	4.05E-04	2.20E-06	3.83E-07	1.18E-03	2.01E-04	2.53E-03	4.31E-04	2.51E-03	4.27E-04	2.37E-03	4.04E-04	3.01E-03	5.15E-04	3.01E-03	5.15E-04	4.41E-03	7.51E-04	2.53E-03	4.31E-04	3.05E-05	5.31E-06	2.38E-03	4.05E-04	2.09E-05	3.64E-06	2.38E-03	4.05E-04	1.53E-01	2.38E-02	3.59E-01	3.98E-02
1986 Gridded	2.44E-03	3.47E-04	1.97E-06	3.30E-07	1.17E-03	1.72E-04	2.56E-03	3.69E-04	2.54E-03	3.66E-04	2.43E-03	3.46E-04	2.94E-03	4.41E-04	2.94E-03	4.41E-04	4.52E-03	6.42E-04	2.56E-03	3.69E-04	2.74E-05	4.57E-06	2.43E-03	3.46E-04	1.87E-05	3.13E-06	2.44E-03	3.47E-04	1.65E-01	2.34E-02	3.51E-01	4.01E-02
1987 Gridded	1.97E-03	2.75E-04	1.96E-06	2.63E-07	9.83E-04	1.36E-04	2.10E-03	2.93E-04	2.08E-03	2.90E-04	1.96E-03	2.74E-04	2.53E-03	3.50E-04	2.53E-03	3.50E-04	3.65E-03	5.09E-04	2.10E-03	2.93E-04	2.72E-05	3.65E-06	1.97E-03	2.74E-04	1.86E-05	2.50E-06	1.97E-03	2.75E-04	1.78E-01	2.19E-02	3.27E-01	3.55E-02
1988 Gridded	1.85E-03	2.45E-04	1.86E-06	2.38E-07	9.18E-04	1.22E-04	1.97E-03	2.61E-04	1.95E-03	2.59E-04	1.84E-03	2.44E-04	2.36E-03	3.13E-04	2.36E-03	3.13E-04	3.42E-03	4.53E-04	1.97E-03	2.61E-04	2.58E-05	3.30E-06	1.84E-03	2.44E-04	1.77E-05	2.26E-06	1.85E-03	2.45E-04	1.66E-01	2.17E-02	3.25E-01	3.20E-02
1989 Gridded	3.06E-03	4.00E-04	2.86E-06	3.48E-07	1.51E-03	1.96E-04	3.26E-03	4.23E-04	3.23E-03	4.20E-04	3.05E-03	3.98E-04	3.88E-03	4.99E-04	3.88E-03	4.99E-04	5.67E-03	7.41E-04	3.26E-03	4.23E-04	3.97E-05	4.83E-06	3.06E-03	3.99E-04	2.71E-05	3.30E-06	3.06E-03	4.00E-04	2.12E-01	2.80E-02	3.71E-01	3.55E-02
1990 Gridded	4.54E-03	6.50E-04	5.17E-06	7.37E-07	2.20E-03	3.31E-04	4.79E-03	7.00E-04	4.75E-03	6.93E-04	4.53E-03	6.48E-04	5.58E-03	8.62E-04	5.58E-03	8.62E-04	8.41E-03	1.20E-03	4.79E-03	7.00E-04	7.16E-05	1.02E-05	4.53E-03	6.49E-04	4.90E-05	6.99E-06	4.54E-03	6.51E-04	2.80E-01	4.86E-02	5.33E-01	6.45E-02
1991 Gridded	4.42E-03	6.23E-04	4.62E-06	6.60E-07	2.19E-03	3.09E-04	4.71E-03	6.63E-04	4.67E-03	6.58E-04	4.41E-03	6.21E-04	5.63E-03	7.94E-04	5.63E-03	7.94E-04	8.19E-03	1.15E-03	4.71E-03	6.63E-04	6.41E-05	9.16E-06	4.42E-03	6.22E-04	4.39E-05	6.26E-06	4.43E-03	6.24E-04	2.26E-01	4.68E-02	5.79E-01	6.91E-02
1992 Gridded	4.46E-03	6.94E-04	5.10E-06	7.88E-07	2.26E-03	3.49E-04	4.80E-03	7.37E-04	4.75E-03	7.30E-04	4.45E-03	6.91E-04	5.89E-03	9.10E-04	5.89E-03	9.10E-04	8.27E-03	1.29E-03	4.80E-03	7.37E-04	7.07E-05	1.09E-05	4.46E-03	6.93E-04	4.84E-05	7.48E-06	4.47E-03	6.94E-04	2.36E-01	4.85E-02	6.48E-01	8.59E-02
1993 Gridded	4.43E-03	8.82E-04	5.15E-06	9.54E-07	2.26E-03	4.45E-04	4.78E-03	9.47E-04	4.73E-03	9.38E-04	4.41E-03	8.79E-04	5.90E-03	1.16E-03	5.90E-03	1.16E-03	8.20E-03	1.63E-03	4.78E-03	9.47E-04	7.15E-05	1.32E-05	4.42E-03	8.81E-04	4.89E-05	9.05E-06	4.43E-03	8.83E-04	2.62E-01	5.86E-02	7.31E-01	1.08E-01
1994 Gridded	6.33E-03	1.09E-03	6.26E-06	1.02E-06	3.15E-03	5.40E-04	6.74E-03	1.16E-03	6.68E-03	1.15E-03	6.31E-03	1.09E-03	8.11E-03	1.38E-03	8.11E-03	1.38E-03	1.17E-02	2.02E-03	6.74E-03	1.16E-03	8.69E-05	1.42E-05	6.32E-03	1.09E-03	5.94E-05	9.71E-06	6.33E-03	1.09E-03	3.26E-01	6.12E-02	7.22E-01	1.10E-01
1995 Gridded	7.03E-03	1.31E-03	7.82E-06	1.43E-06	3.55E-03	6.63E-04	7.52E-03	1.41E-03	7.44E-03	1.39E-03	7.01E-03	1.31E-03	9.23E-03	1.72E-03	9.23E-03	1.72E-03	1.30E-02	2.43E-03	7.52E-03	1.41E-03	1.08E-04	1.98E-05	7.02E-03	1.31E-03	7.42E-05	1.35E-05	7.04E-03	1.31E-03	3.20E-01	6.92E-02	6.93E-01	1.16E-01
1996 Gridded	8.32E-03	1.09E-03	9.33E-06	1.46E-06	4.21E-03	5.71E-04	8.94E-03	1.19E-03	8.85E-03	1.18E-03	8.28E-03	1.09E-03	1.09E-02	1.51E-03	1.09E-02	1.51E-03	1.54E-02	2.02E-03	8.94E-03	1.19E-03	1.29E-04	2.03E-05	8.30E-03	1.09E-03	8.85E-05	1.39E-05	8.32E-03	1.09E-03	3.62E-01	7.61E-02	8.02E-01	1.31E-01
1997 Gridded	7.94E-03	7.14E-04	8.48E-06	9.57E-07	4.00E-03	3.41E-04	8.51E-03	7.48E-04	8.43E-03	7.43E-04	7.90E-03	7.13E-04	1.04E-02	8.92E-04	1.04E-02	8.92E-04	1.47E-02	1.32E-03	8.51E-03	7.48E-04	1.18E-04	1.33E-05	7.92E-03	7.14E-04	8.05E-05	9.09E-06	7.94E-03	7.15E-04	4.11E-01	7.89E-02	8.57E-01	1.81E-01
1998 Gridded	7.24E-03	1.34E-03	9.66E-06	1.63E-06	3.56E-03	6.90E-04	7.63E-03	1.45E-03	7.58E-03	1.44E-03	7.22E-03	1.33E-03	9.28E-03	1.81E-03	9.28E-03	1.81E-03	1.34E-02	2.48E-03	7.63E-03	1.45E-03	1.34E-04	2.26E-05	7.23E-03	1.34E-03	9.17E-05	1.54E-05	7.24E-03	1.34E-03	4.96E-01	8.73E-02	8.26E-01	1.53E-01
1999 Gridded	4.94E-03	8.50E-04	6.13E-06	1.16E-06	2.55E-03	4.46E-04	5.36E-03	9.29E-04	5.30E-03	9.18E-04	4.92E-03	8.46E-04	6.70E-03	1.18E-03	6.70E-03	1.18E-03	9.15E-03	1.57E-03	5.36E-03	9.29E-04	8.50E-05	1.61E-05	4.93E-03	8.49E-04	5.82E-05	1.10E-05	4.95E-03	8.51E-04	3.36E-01	7.69E-02	1.02E+00	1.23E-01
2000 Gridded	5.36E-03	7.61E-04	7.03E-06	1.30E-06	2.68E-03	4.18E-04	5.73E-03	8.49E-04	5.68E-03	8.37E-04	5.34E-03	7.57E-04	6.93E-03	1.13E-03	6.93E-03	1.13E-03	9.93E-03	1.41E-03	5.73E-03	8.49E-04	9.75E-05	1.80E-05	5.35E-03	7.59E-04	6.67E-05	1.23E-05	5.37E-03	7.62E-04	3.92E-01	7.08E-02	8.79E-01	1.23E-01
2001 Gridded	6.35E-03	8.83E-04	4.19E-06	7.76E-07	2.81E-03	4.25E-04	6.43E-03	9.28E-04	6.42E-03	9.21E-04	6.34E-03	8.81E-04	6.70E-03	1.07E-03	6.70E-03	1.07E-03	1.18E-02	1.64E-03	6.43E-03	9.28E-04	5.81E-05	1.08E-05	6.35E-03	8.82E-04	3.98E-05	7.37E-06	6.35E-03	8.84E-04	2.59E-01	7.38E-02	6.16E-01	1.55E-01
2002 Gridded	5.39E-03	7.79E-04	5.51E-06	1.08E-06	2.70E-03	4.10E-04	5.76E-03	8.52E-04	5.71E-03	8.42E-04	5.37E-03	7.75E-04	6.97E-03	1.09E-03	6.97E-03	1.09E-03	9.99E-03	1.44E-03	5.76E-03	8.52E-04	7.64E-05	1.50E-05	5.38E-03	7.77E-04	5.23E-05	1.03E-05	5.39E-03	7.80E-04	3.45E-01	8.76E-02	6.48E-01	1.56E-01
2003 Gridded	2.96E-03	8.61E-04	6.05E-06	1.14E-06	1.65E-03	4.50E-04	3.32E-03	9.38E-04	3.27E-03	9.28E-04	2.94E-03	8.57E-04	4.49E-03	1.19E-03	4.49E-03	1.19E-03	5.47E-03	1.59E-03	3.32E-03	9.38E-04	8.38E-05	1.58E-05	2.95E-03	8.60E-04	5.74E-05	1.08E-05	2.96E-03	8.62E-04	4.02E-01	7.75E-02	8.59E-01	1.24E-01
2004 Gridded	2.60E-03	8.71E-04	2.73E-06	1.08E-06	1.30E-03	4.50E-04	2.78E-03	9.44E-04	2.75E-03	9.34E-04	2.59E-03	8.67E-04	3.35E-03	1.18E-03	3.35E-03	1.18E-03	4.82E-03	1.61E-03	2.78E-03	9.44E-04	3.78E-05	1.50E-05	2.60E-03	8.69E-04	2.59E-05	1.03E-05	2.60E-03	8.72E-04	3.34E-01	5.84E-02	6.52E-01	8.24E-02
2005 Gridded	4.29E-03	9.92E-04	4.26E-06	8.11E-07	2.04E-03	4.82E-04	4.35E-03	1.05E-03	4.30E-03	1.04E-03	4.29E-03	9.89E-04	5.28E-03	1.22E-03	5.28E-03	1.22E-03	7.97E-03	1.84E-03	4.35E-03	1.05E-03	5.91E-05	1.12E-05	4.29E-03	9.91E-04	4.05E-05	7.70E-06	4.29E-03	9.93E-04	3.26E-01	9.33E-02	8.47E-01	1.64E-01
2006 Gridded	4.37E-03	7.85E-04	4.83E-06	1.33E-06	1.88E-03	4.30E-04	4.37E-03	8.74E-04	4.37E-03	8.62E-04	4.37E-03	7.80E-04	4.91E-03	1.17E-03	4.91E-03	1.17E-03	8.11E-03	1.45E-03	4.37E-03	8.74E-04	6.70E-05	1.84E-05	4.37E-03	7.83E-04	4.59E-05	1.26E-05	4.37E-03	7.86E-04	3.69E-01	9.79E-02	9.67E-01	1.77E-01
2007 Gridded	2.61E-03	5.40E-04	3.79E-06	6.67E-07	1.30E-03	2.65E-04	2.79E-03	5.72E-04	2.76E-03	5.67E-04	2.60E-03	5.38E-04	3.34E-03	6.78E-04	3.34E-03	6.78E-04	4.84E-03	1.00E-03	2.79E-03	5.72E-04	5.26E-05	9.25E-06	2.61E-03	5.39E-04	3.60E-05	6.33E-06	2.62E-03	5.40E-04	3.14E-01	6.55E-02	8.66E-01	9.69E-02
2008 Gridded	5.59E-03	6.45E-04	6.27E-06	8.13E-07	2.83E-03	3.34E-04	6.00E-03	7.00E-04	5.95E-03	6.92E-04	5.56E-03	6.42E-04	7.36E-03	8.78E-04	7.36E-03	8.78E-04	1.03E-02	1.19E-03	6.00E-03	7.00E-04	8.69E-05	1.13E-05	5.58E-03	6.44E-04	5.95E-05	7.71E-06	5.59E-03	6.46E-04	3.29E-01	7.91E-02	9.53E-01	1.94E-01
2009 Gridded	4.09E-03	6.10E-04	6.67E-06	7.33E-07	2.16E-03	3.13E-04	4.48E-03	6.60E-04	4.43E-03	6.53E-04	4.07E-03	6.07E-04	5.75E-03	8.20E-04	5.75E-03	8.20E-04	7.57E-03	1.13E-03	4.48E-03	6.60E-04	9.25E-05	1.02E-05	4.08E-03	6.09E-04	6.33E-05	6.95E-06	4.09E-03	6.11E-04	2.95E-01	5.88E-02	7.82E-01	1.11E-01
2010 Gridded	3.32E-03	6.47E-04	3.69E-06	7.35E-07	1.66E-03	3.29E-04	3.51E-03	6.96E-04	3.48E-03	6.89E-04	3.31E-03	6.44E-04	4.32E-03	8.57E-04	4.32E-03	8.57E-04	6.15E-03	1.20E-03	3.51E-03	6.96E-04	5.11E-05	1.02E-05	3.32E-03	6.46E-04	3.50E-05	6.97E-06	3.32E-03	6.47E-04	2.06E-01	4.62E-02	5.54E-01	6.42E-02
2011 Gridded	3.59E-03	5.51E-04	3.88E-06	6.36E-07	1.80E-03	2.81E-04	3.84E-03	5.94E-04	3.81E-03	5.88E-04	3.57E-03	5.49E-04	4.67E-03	7.33E-04	4.67E-03	7.33E-04	6.65E-03	1.02E-03	3.84E-03	5.94E-04	5.39E-05	8.81E-06	3.58E-03	5.50E-04	3.68E-05	6.03E-06	3.59E-03	5.52E-04	2.69E-01	5.01E-02	6.17E-01	7.10E-02
2012 Gridded	3.33E-03	4.34E-04	5.02E-06	6.14E-07	1.68E-03	2.29E-04	3.57E-03	4.75E-04	3.53E-03	4.70E-04	3.32E-03	4.32E-04	4.53E-03	6.10E-04	4.53E-03	6.10E-04	6.17E-03	8.03E-04	3.57E-03	4.75E-04	6.97E-05	8.52E-06	3.32E-03	4.33E-04	4.77E-05	5.83E-06	3.33E-03	4.34E-04	3.47E-01	5.07E-02	7.62E-01	7.90E-02
2013 Gridded	4.18E-03	5.58E-04	5.19E-06	7.86E-07	2.07E-03	2.95E-04	4.44E-03	6.11E-04	4.40E-03	6.04E-04	4.16E-03	5.55E-04	5.29E-03	7.83E-04	5.29E-03	7.83E-04	7.74E-03	1.03E-03	4.44E-03	6.11E-04	7.20E-05	1.09E-05	4.17E-03	5.57E-04	4.92E-05	7.46E-06	4.18E-03	5.59E-04	2.66E-01	3.97E-02	6.94E-01	6.79E-02
2014 Gridded	5.02E-03	6.60E-04	5.15E-06	8.20E-07	2.52E-03	3.41E-04	5.37E-03	7.15E-04	5.32E-03	7.07E-04	5.00E-03	6.57E-04	6.50E-03	8.95E-04	6.50E-03	8.95E-04	9.30E-03	1.22E-03	5.37E-03	7.15E-04	7.14E-05	1.14E-05	5.02E-03	6.59E-04	4.88E-05	7.78E-06	5.03E-03	6.60E-04	2.66E-01	6.12E-02	7.37E-01	7.99E-02
2015 Gridded	3.16E-03	6.36E-04	4.25E-06	8.40E-07	1.65E-03	3.32E-04	3.45E-03	6.92E-04	3.41E-03	6.84E-04	3.14E-03	6.32E-04	4.38E-03	8.76E-04	4.38E-03	8.76E-04	5.85E-03	1.18E-03	3.45E-03	6.92E-04	5.89E-05	1.16E-05	3.15E-03	6.34E-04	4.03E-05	7.97E-06	3.16E-03	6.36E-04	3.68E-01	5.65E-02	7.87E-01	9.48E-02
2016 Gridded	2.93E-03	8.48E-04	3.78E-06	9.96E-07	1.52E-03	4.34E-04	3.19E-03	9.16E-04	3.15E-03	9.06E-04	2.92E-03	8.45E-04	4.02E-03	1.13E-03	4.02E-03	1.13E-03	5.43E-03	1.57E-03	3.19E-03	9.16E-04	5.24E-05	1.38E-05	2.93E-03	8.47E-04	3.58E-05	9.45E-06	2.94E-03	8.49E-04	2.78E-01	6.45E-02	7.05E-01	9.82E-02
2017 Gridded	2.84E-03	7.23E-04	4.35E-06	8.70E-07	1.41E-03	3.70E-04	3.03E-03	7.80E-04	3.00E-03	7.72E-04	2.83E-03	7.20E-04	3.63E-03	9.65E-04	3.63E-03	9.65E-04	5.27E-03	1.34E-03	3.03E-03	7.80E-04	6.03E-05	1.21E-05	2.84E-03	7.22E-04	4.12E-05	8.26E-06	2.85E-03	7.24E-04	2.30E-01	5.10E-02	4.91E-01	9.42E-02
2018 Gridded	3.40E-03	6.40E-04	4.48E-06	6.17E-07	1.77E-03	3.18E-04	3.71E-03	6.82E-04	3.66E-03	6.76E-04	3.39E-03	6.38E-04	4.69E-03	8.17E-04	4.69E-03	8.17E-04	6.30E-03	1.19E-03	3.71E-03	6.82E-04	6.21E-05	8.56E-06	3.40E-03	6.39E-04	4.25E-05	5.86E-06	3.41E-03	6.40E-04	1.76E-01	4.60E-02	3.60E-01	6.24E-02
2019 Gridded	3.07E-03	5.39E-04	3.77E-06	6.06E-07	1.58E-03	2.74E-04	3.32E-03	5.80E-04	3.29E-03	5.75E-04	3.06E-03	5.37E-04	4.15E-03	7.13E-04	4.15E-03	7.13E-04	5.68E-03	9.99E-04	3.32E-03	5.80E-04	5.23E-05	8.41E-06	3.06E-03	5.39E-04	3.58E-05	5.75E-06	3.07E-03	5.40E-04	2.70E-01	4.26E-02	4.13E-01	7.06E-02
2020 Gridded	3.40E-03	6.41E-04	3.38E-06	6.13E-07	1.70E-03	3.17E-04	3.63E-03	6.82E-04	3.60E-03	6.76E-04	3.39E-03	6.39E-04	4.37E-03	8.14E-04	4.37E-03	8.14E-04	6.31E-03	1.19E-03	3.63E-03	6.82E-04	4.69E-05	8.51E-06	3.40E-03	6.40E-04	3.21E-05	5.82E-06	3.41E-03	6.42E-04	3.54E-01	4.93E-02	1.25E+00	9.31E-02
2021 Gridded	3.66E-03	5.55E-04	3.59E-06	5.03E-07	1.82E-03	2.73E-04	3.90E-03	5.89E-04	3.87E-03	5.84E-04	3.64E-03	5.53E-04	4.69E-03	6.99E-04	4.69E-03	6.99E-04	6.78E-03	1.03E-03	3.90E-03	5.89E-04	4.98E-05	6.97E-06	3.65E-03	5.54E-04	3.41E-05	4.77E-06	3.66E-03	5.56E-04	2.75E-01	4.69E-02	5.14E-01	7.08E-02
2022 Gridded	3.89E-03	4.39E-04	3.17E-06	5.28E-07	1.78E-03	2.25E-04	4.00E-03	4.74E-04	3.98E-03	4.69E-04	3.88E-03	4.37E-04	4.47E-03	5.90E-04	4.47E-03	5.90E-04	7.22E-03	8.13E-04	4.00E-03	4.74E-04	4.40E-05	7.32E-06	3.89E-03	4.38E-04	3.01E-05	5.01E-06	3.89E-03	4.39E-04	2.19E-01	4.36E-02	8.05E-01	5.91E-02
2023 Gridded	5.13E-03	7.66E-04	4.86E-06	8.08E-07	2.54E-03	3.86E-04	5.46E-03	8.21E-04	5.42E-03	8.13E-04	5.12E-03	7.63E-04	6.53E-03	9.98E-04	6.53E-03	9.98E-04	9.51E-03	1.42E-03	5.46E-03	8.21E-04	6.74E-05	1.12E-05	5.13E-03	7.65E-04	4.61E-05	7.67E-06	5.14E-03	7.67E-04	2.57E-01	4.73E-02	8.01E-01	8.53E-02
2024 Gridded	4.38E-03	8.63E-04	4.05E-06	7.03E-07	2.11E-03	4.12E-04	4.60E-03	9.03E-04	4.57E-03	8.98E-04	4.37E-03	8.61E-04	5.32E-03	1.03E-03	5.32E-03	1.03E-03	8.12E-03	1.60E-03	4.60E-03	9.03E-04	5.62E-05	9.75E-06	4.38E-03	8.62E-04	3.85E-05	6.67E-06	4.39E-03	8.63E-04	2.84E-01	5.15E-02	5.62E-01	7.51E-02
2025 Gridded	5.59E-03	9.83E-04	5.44E-06	9.92E-07	2.75E-03	4.91E-04	5.94E-03	1.05E-03	5.89E-03	1.04E-03	5.58E-03	9.79E-04	7.04E-03	1.27E-03	7.04E-03	1.27E-03	1.04E-02	1.82E-03	5.94E-03	1.05E-03	7.55E-05	1.38E-05	5.59E-03	9.81E-04	5.17E-05	9.41E-06	5.60E-03	9.84E-04	2.78E-01	4.56E-02	6.96E-01	7.31E-02
2026 Gridded	4.90E-03	9.29E-04	4.35E-06	7.54E-07	2.31E-03	4.52E-04	5.09E-03	9.80E-04	5.07E-03	9.73E-04	4.89E-03	9.27E-04	5.82E-03	1.15E-03	5.82E-03	1.15E-03	9.08E-03	1.72E-03	5.09E-03	9.80E-04	6.03E-05	1.05E-05	4.89E-03	9.28E-04	4.12E-05	7.15E-06	4.90E-03	9.30E-04	3.00E-01	5.63E-02	7.18E-01	8.23E-02
2027 Gridded	5.64E-03	6.96E-04	5.27E-06	6.25E-07	2.76E-03	3.42E-04	5.97E-03	7.38E-04	5.92E-03	7.32E-04	5.62E-03	6.94E-04	7.04E-03	8.75E-04	7.04E-03	8.75E-04	1.04E-02	1.29E-03	5.97E-03	7.38E-04	7.30E-05	8.67E-06	5.63E-03	6.95E-04	5.00E-05	5.93E-06	5.64E-03	6.97E-04	3.19E-01	5.86E-02	7.64E-01	8.45E-02
2028 Gridded	5.97E-03	8.45E-04	6.53E-06	6.92E-07	2.89E-03	4.11E-04	6.28E-03	8.92E-04	6.24E-03	8.86E-04	5.95E-03	8.43E-04	7.53E-03	1.04E-03	7.53E-03	1.04E-03	1.11E-02	1.57E-03	6.28E-03	8.92E-04	9.06E-05	9.60E-06	5.96E-03	8.44E-04	6.20E-05	6.57E-06	5.97E-03	8.46E-04	3.60E-01	5.33E-02	5.19E-01	8.54E-02
2029 Gridded	5.96E-03	6.78E-04	6.57E-06	6.51E-07	3.02E-03	3.26E-04	6.41E-03	7.06E-04	6.34E-03	7.02E-04	5.94E-03	6.76E-04	7.84E-03	8.39E-04	7.84E-03	8.39E-04	1.10E-02	1.26E-03	6.41E-03	7.06E-04	9.11E-05	9.03E-06	5.95E-03	6.77E-04	6.24E-05	6.18E-06	5.97E-03	6.78E-04	3.75E-01	4.86E-02	5.64E-01	6.29E-02
2030 Gridded	6.98E-03	5.78E-04	8.23E-06	6.17E-07	3.57E-03	2.91E-04	7.53E-03	6.18E-04	7.46E-03	6.12E-04	6.95E-03	5.76E-04	9.34E-03	7.53E-04	9.34E-03	7.53E-04	1.29E-02	1.07E-03	7.53E-03	6.18E-04	1.14E-04	8.56E-06	6.97E-03	5.77E-04	7.81E-05	5.85E-06	6.99E-03	5.79E-04	4.41E-01	4.64E-02	5.41E-01	7.00E-02
2031 Gridded	7.31E-03	7.04E-04	7.46E-06	7.64E-07	3.66E-03	3.56E-04	7.81E-03	7.55E-04	7.74E-03	7.48E-04	7.28E-03	7.01E-04	9.44E-03	9.22E-04	9.44E-03	9.22E-04	1.35E-02	1.30E-03	7.81E-03	7.55E-04	1.03E-04	1.06E-05	7.30E-03	7.03E-04	7.08E-05	7.25E-06	7.31E-03	7.04E-04	4.74E-01	4.35E-02	6.76E-01	6.57E-02
2032 Gridded	6.31E-03	9.18E-04	5.88E-06	9.56E-07	3.12E-03	4.61E-04	6.71E-03	9.82E-04	6.65E-03	9.73E-04	6.29E-03	9.14E-04	7.99E-03	1.19E-03	7.99E-03	1.19E-03	1.17E-02	1.70E-03	6.71E-03	9.82E-04	8.15E-05	1.33E-05	6.30E-03	9.16E-04	5.58E-05	9.07E-06	6.31E-03	9.18E-04	3.79E-01	4.44E-02	5.48E-01	5.58E-02
2033 Gridded	7.08E-03	1.18E-03	6.09E-06	1.04E-06	3.34E-03	5.78E-04	7.38E-03	1.25E-03	7.34E-03	1.24E-03	7.07E-03	1.17E-03	8.42E-03	1.47E-03	8.42E-03	1.47E-03	1.31E-02	2.18E-03	7.38E-03	1.25E-03	8.44E-05	1.44E-05	7.08E-03	1.18E-03	5.78E-05	9.84E-06	7.09E-03	1.18E-03	4.39E-01	7.47E-02	5.92E-01	1.02E-01
2034 Gridded	6.89E-03	1.01E-03	5.47E-06	7.65E-07	3.23E-03	4.89E-04	7.12E-03	1.07E-03	7.09E-03	1.06E-03	6.87E-03	1.01E-03	8.20E-03	1.23E-03	8.20E-03	1.23E-03	1.28E-02	1.88E-03	7.12E-03	1.07E-03	7.59E-05	1.06E-05	6.88E-03	1.01E-03	5.19E-05	7.26E-06	6.89E-03	1.02E-03	3.72E-01	6.25E-02	5.95E-01	1.00E-01
2035 Gridded	6.86E-03	7.93E-04	4.91E-06	5.85E-07	3.22E-03	3.81E-04	7.13E-03	8.33E-04	7.09E-03	8.27E-04	6.84E-03	7.91E-04	8.01E-03	9.61E-04	8.01E-03	9.61E-04	1.27E-02	1.47E-03	7.13E-03	8.33E-04	6.82E-05	8.11E-06	6.85E-03	7.92E-04	4.66E-05	5.55E-06	6.86E-03	7.94E-04	3.68E-01	5.07E-02	5.49E-01	7.65E-02
2036 Gridded	2.02E-03	4.11E-04	2.12E-06	3.86E-07	1.01E-03	2.03E-04	2.15E-03	4.37E-04	2.13E-03	4.33E-04	2.01E-03	4.09E-04	2.59E-03	5.21E-04	2.59E-03	5.21E-04	3.73E-03	7.61E-04	2.15E-03	4.37E-04	2.93E-05	5.35E-06	2.01E-03	4.10E-04	2.01E-05	3.66E-06	2.02E-03	4.11E-04	1.81E-01	2.45E-02	3.30E-01	4.36E-02
2037 Gridded	1.87E-03	3.88E-04	1.93E-06	3.65E-07	9.14E-04	1.92E-04	1.98E-03	4.12E-04	1.96E-03	4.09E-04	1.86E-03	3.86E-04	2.33E-03	4.92E-04	2.33E-03	4.92E-04	3.47E-03	7.18E-04	1.98E-03	4.12E-04	2.68E-05	5.06E-06	1.87E-03	3.87E-04	1.83E-05	3.46E-06	1.87E-03	3.88E-04	1.41E-01	2.21E-02	2.76E-01	3.09E-02
2038 Gridded	2.51E-03	3.51E-04	2.22E-06	3.33E-07	1.23E-03	1.74E-04	2.66E-03	3.74E-04	2.64E-03	3.71E-04	2.50E-03	3.50E-04	3.15E-03	4.47E-04	3.15E-03	4.47E-04	4.66E-03	6.51E-04	2.66E-03	3.74E-04	3.08E-05	4.61E-06	2.51E-03	3.51E-04	2.10E-05	3.16E-06	2.51E-03	3.52E-04	1.53E-01	2.29E-02	3.38E-01	3.62E-02
2039 Gridded	2.56E-03	3.00E-04	1.93E-06	2.86E-07	1.23E-03	1.49E-04	2.69E-03	3.19E-04	2.67E-03	3.16E-04	2.56E-03	2.99E-04	3.08E-03	3.82E-04	3.08E-03	3.82E-04	4.75E-03	5.55E-04	2.69E-03	3.19E-04	2.68E-05	3.96E-06	2.56E-03	2.99E-04	1.83E-05	2.71E-06	2.57E-03	3.00E-04	1.72E-01	2.36E-02	3.87E-01	3.97E-02
2040 Gridded	3.20E-03	3.38E-04	2.35E-06	3.44E-07	1.53E-03	1.69E-04	3.35E-03	3.61E-04	3.33E-03	3.58E-04	3.19E-03	3.36E-04	3.82E-03	4.36E-04	3.82E-03	4.36E-04	5.93E-03	6.25E-04	3.35E-03	3.61E-04	3.26E-05	4.77E-06	3.20E-03	3.37E-04	2.23E-05	3.26E-06	3.20E-03	3.38E-04	2.45E-01	2.76E-02	4.41E-01	4.84E-02
2041 Gridded	5.62E-03	7.14E-04	5.80E-06	7.83E-07	2.82E-03	3.61E-04	6.01E-03	7.67E-04	5.95E-03	7.59E-04	5.59E-03	7.11E-04	7.28E-03	9.38E-04	7.28E-03	9.38E-04	1.04E-02	1.32E-03	6.01E-03	7.67E-04	8.05E-05	1.09E-05	5.61E-03	7.13E-04	5.51E-05	7.43E-06	5.62E-03	7.14E-04	2.28E-01	4.65E-02	5.74E-01	8.05E-02
2042 Gridded	3.82E-03	7.42E-04	4.46E-06	8.18E-07	1.92E-03	3.76E-04	4.09E-03	7.97E-04	4.05E-03	7.89E-04	3.80E-03	7.39E-04	4.96E-03	9.76E-04	4.96E-03	9.76E-04	7.08E-03	1.37E-03	4.09E-03	7.97E-04	6.19E-05	1.13E-05	3.81E-03	7.40E-04	4.23E-05	7.76E-06	3.82E-03	7.42E-04	2.27E-01	4.93E-02	6.42E-01	8.90E-02
2043 Gridded	4.08E-03	7.80E-04	4.47E-06	8.13E-07	2.06E-03	3.92E-04	4.38E-03	8.34E-04	4.34E-03	8.27E-04	4.06E-03	7.76E-04	5.36E-03	1.01E-03	5.36E-03	1.01E-03	7.55E-03	1.44E-03	4.38E-03	8.34E-04	6.20E-05	1.13E-05	4.07E-03	7.78E-04	4.24E-05	7.71E-06	4.08E-03	7.80E-04	2.38E-01	4.89E-02	6.30E-01	9.04E-02
2044 Gridded	4.57E-03	8.73E-04	4.92E-06	8.44E-07	2.27E-03	4.34E-04	4.86E-03	9.30E-04	4.82E-03	9.22E-04	4.55E-03	8.70E-04	5.82E-03	1.12E-03	5.82E-03	1.12E-03	8.47E-03	1.62E-03	4.86E-03	9.30E-04	6.82E-05	1.17E-05	4.56E-03	8.72E-04	4.67E-05	8.01E-06	4.57E-03	8.74E-04	2.73E-01	5.19E-02	6.65E-01	9.18E-02
2045 Gridded	6.76E-03	1.08E-03	7.84E-06	1.34E-06	3.44E-03	5.56E-04	7.28E-03	1.17E-03	7.20E-03	1.15E-03	6.73E-03	1.07E-03	8.95E-03	1.46E-03	8.95E-03	1.46E-03	1.25E-02	1.99E-03	7.28E-03	1.17E-03	1.09E-04	1.86E-05	6.75E-03	1.08E-03	7.44E-05	1.27E-05	6.76E-03	1.08E-03	2.95E-01	6.51E-02	6.28E-01	1.13E-01
2046 Gridded	8.07E-03	8.22E-04	8.02E-06	1.18E-06	3.85E-03	4.36E-04	8.44E-03	9.02E-04	8.39E-03	8.91E-04	8.05E-03	8.17E-04	9.65E-03	1.16E-03	9.65E-03	1.16E-03	1.50E-02	1.52E-03	8.44E-03	9.02E-04	1.11E-04	1.64E-05	8.06E-03	8.20E-04	7.61E-05	1.12E-05	8.07E-03	8.23E-04	3.76E-01	6.82E-02	7.74E-01	1.38E-01
2047 Gridded	7.27E-03	6.93E-04	8.95E-06	9.12E-07	3.75E-03	3.61E-04	7.88E-03	7.54E-04	7.79E-03	7.46E-04	7.24E-03	6.89E-04	9.84E-03	9.54E-04	9.84E-03	9.54E-04	1.35E-02	1.28E-03	7.88E-03	7.54E-04	1.24E-04	1.26E-05	7.26E-03	6.91E-04	8.50E-05	8.65E-06	7.28E-03	6.93E-04	3.97E-01	7.34E-02	7.57E-01	1.64E-01
2048 Gridded	5.64E-03	1.01E-03	6.52E-06	1.31E-06	2.75E-03	5.25E-04	5.96E-03	1.10E-03	5.92E-03	1.09E-03	5.63E-03	1.01E-03	6.98E-03	1.38E-03	6.98E-03	1.38E-03	1.05E-02	1.87E-03	5.96E-03	1.10E-03	9.05E-05	1.81E-05	5.64E-03	1.01E-03	6.19E-05	1.24E-05	5.65E-03	1.01E-03	4.13E-01	7.60E-02	7.90E-01	1.24E-01
2049 Gridded	4.89E-03	9.42E-04	6.56E-06	1.15E-06	2.56E-03	4.85E-04	5.33E-03	1.02E-03	5.27E-03	1.01E-03	4.86E-03	9.38E-04	6.76E-03	1.27E-03	6.76E-03	1.27E-03	9.04E-03	1.74E-03	5.33E-03	1.02E-03	9.09E-05	1.60E-05	4.88E-03	9.40E-04	6.22E-05	1.09E-05	4.89E-03	9.43E-04	3.21E-01	6.74E-02	9.76E-01	1.17E-01
2050 Gridded	5.44E-03	7.81E-04	6.15E-06	1.24E-06	2.72E-03	4.22E-04	5.81E-03	8.64E-04	5.76E-03	8.53E-04	5.42E-03	7.76E-04	7.02E-03	1.14E-03	7.02E-03	1.14E-03	1.01E-02	1.44E-03	5.81E-03	8.64E-04	8.53E-05	1.72E-05	5.43E-03	7.79E-04	5.83E-05	1.18E-05	5.44E-03	7.82E-04	3.60E-01	6.96E-02	7.91E-01	1.17E-01
2051 Gridded	8.92E-03	1.16E-03	5.32E-06	9.93E-07	3.95E-03	5.53E-04	9.04E-03	1.21E-03	9.02E-03	1.21E-03	8.91E-03	1.16E-03	9.44E-03	1.39E-03	9.44E-03	1.39E-03	1.66E-02	2.15E-03	9.04E-03	1.21E-03	7.37E-05	1.38E-05	8.91E-03	1.16E-03	5.04E-05	9.42E-06	8.92E-03	1.16E-03	2.99E-01	8.68E-02	7.19E-01	1.78E-01
2052 Gridded	8.38E-03	1.08E-03	8.06E-06	1.49E-06	4.16E-03	5.70E-04	8.92E-03	1.18E-03	8.84E-03	1.17E-03	8.35E-03	1.08E-03	1.07E-02	1.51E-03	1.07E-02	1.51E-03	1.55E-02	2.01E-03	8.92E-03	1.18E-03	1.12E-04	2.07E-05	8.36E-03	1.08E-03	7.65E-05	1.42E-05	8.38E-03	1.09E-03	3.76E-01	1.04E-01	7.66E-01	1.90E-01
2053 Gridded	4.00E-03	8.75E-04	7.61E-06	1.15E-06	2.15E-03	4.56E-04	4.42E-03	9.52E-04	4.36E-03	9.41E-04	3.98E-03	8.70E-04	5.76E-03	1.20E-03	5.76E-03	1.20E-03	7.41E-03	1.62E-03	4.42E-03	9.52E-04	1.06E-04	1.60E-05	3.99E-03	8.73E-04	7.22E-05	1.09E-05	4.01E-03	8.76E-04	4.11E-01	8.38E-02	8.78E-01	1.39E-01
2054 Gridded	3.84E-03	9.12E-04	3.69E-06	1.18E-06	1.85E-03	4.74E-04	4.03E-03	9.92E-04	4.00E-03	9.81E-04	3.82E-03	9.08E-04	4.66E-03	1.25E-03	4.66E-03	1.25E-03	7.11E-03	1.69E-03	4.03E-03	9.92E-04	5.11E-05	1.64E-05	3.83E-03	9.10E-04	3.50E-05	1.12E-05	3.84E-03	9.13E-04	4.09E-01	5.32E-02	7.98E-01	8.86E-02
2055 Gridded	3.08E-03	7.76E-04	4.03E-06	7.70E-07	1.53E-03	3.75E-04	3.28E-03	8.17E-04	3.25E-03	8.11E-04	3.07E-03	7.74E-04	3.92E-03	9.49E-04	3.92E-03	9.49E-04	5.70E-03	1.44E-03	3.28E-03	8.17E-04	5.59E-05	1.07E-05	3.07E-03	7.75E-04	3.82E-05	7.31E-06	3.08E-03	7.76E-04	2.39E-01	7.28E-02	6.92E-01	1.22E-01
2056 Gridded	2.85E-03	6.93E-04	2.95E-06	9.03E-07	1.22E-03	3.61E-04	2.85E-03	7.53E-04	2.85E-03	7.45E-04	2.85E-03	6.89E-04	2.95E-03	9.51E-04	2.95E-03	9.51E-04	5.30E-03	1.28E-03	2.85E-03	7.53E-04	4.09E-05	1.25E-05	2.85E-03	6.91E-04	2.80E-05	8.56E-06	2.85E-03	6.93E-04	2.25E-01	7.88E-02	7.00E-01	1.51E-01
2057 Gridded	3.22E-03	6.26E-04	3.91E-06	8.39E-07	1.62E-03	3.27E-04	3.45E-03	6.82E-04	3.42E-03	6.74E-04	3.21E-03	6.23E-04	4.20E-03	8.66E-04	4.20E-03	8.66E-04	5.96E-03	1.16E-03	3.45E-03	6.82E-04	5.42E-05	1.16E-05	3.21E-03	6.25E-04	3.71E-05	7.96E-06	3.22E-03	6.26E-04	3.11E-01	7.60E-02	8.65E-01	9.78E-02
2058 Gridded	3.29E-03	4.17E-04	3.52E-06	5.26E-07	1.62E-03	2.16E-04	3.49E-03	4.52E-04	3.46E-03	4.47E-04	3.28E-03	4.15E-04	4.14E-03	5.67E-04	4.14E-03	5.67E-04	6.10E-03	7.71E-04	3.49E-03	4.52E-04	4.88E-05	7.29E-06	3.29E-03	4.16E-04	3.34E-05	4.99E-06	3.30E-03	4.17E-04	2.21E-01	4.76E-02	6.20E-01	7.79E-02
2059 Gridded	4.55E-03	6.09E-04	5.02E-06	7.50E-07	2.22E-03	3.14E-04	4.81E-03	6.60E-04	4.77E-03	6.53E-04	4.54E-03	6.06E-04	5.64E-03	8.24E-04	5.64E-03	8.24E-04	8.44E-03	1.13E-03	4.81E-03	6.60E-04	6.97E-05	1.04E-05	4.55E-03	6.08E-04	4.77E-05	7.11E-06	4.55E-03	6.10E-04	2.81E-01	5.18E-02	7.23E-01	1.39E-01
2060 Gridded	4.74E-03	6.33E-04	5.11E-06	7.02E-07	2.39E-03	3.21E-04	5.08E-03	6.80E-04	5.03E-03	6.73E-04	4.72E-03	6.30E-04	6.20E-03	8.34E-04	6.20E-03	8.34E-04	8.78E-03	1.17E-03	5.08E-03	6.80E-04	7.09E-05	9.73E-06	4.73E-03	6.31E-04	4.85E-05	6.66E-06	4.74E-03	6.33E-04	3.05E-01	5.98E-02	7.71E-01	1.03E-01
2061 Gridded	4.34E-03	6.62E-04	4.41E-06	7.57E-07	2.17E-03	3.37E-04	4.64E-03	7.13E-04	4.60E-03	7.06E-04	4.33E-03	6.60E-04	5.61E-03	8.79E-04	5.61E-03	8.79E-04	8.04E-03	1.23E-03	4.64E-03	7.13E-04	6.12E-05	1.05E-05	4.34E-03	6.61E-04	4.19E-05	7.18E-06	4.35E-03	6.63E-04	3.41E-01	5.17E-02	7.73E-01	7.30E-02
2062 Gridded	4.99E-03	5.08E-04	5.89E-06	5.88E-07	2.51E-03	2.59E-04	5.35E-03	5.47E-04	5.30E-03	5.42E-04	4.97E-03	5.06E-04	6.49E-03	6.76E-04	6.49E-03	6.76E-04	9.25E-03	9.40E-04	5.35E-03	5.47E-04	8.16E-05	8.15E-06	4.98E-03	5.07E-04	5.59E-05	5.58E-06	5.00E-03	5.08E-04	4.21E-01	5.26E-02	9.28E-01	1.01E-01
2063 Gridded	3.89E-03	4.28E-04	5.49E-06	5.79E-07	2.01E-03	2.24E-04	4.15E-03	4.67E-04	4.10E-03	4.61E-04	3.88E-03	4.26E-04	5.35E-03	5.93E-04	5.35E-03	5.93E-04	7.21E-03	7.92E-04	4.15E-03	4.67E-04	7.61E-05	8.03E-06	3.88E-03	4.27E-04	5.21E-05	5.49E-06	3.89E-03	4.28E-04	3.71E-01	4.91E-02	7.85E-01	7.75E-02
2064 Gridded	4.03E-03	6.70E-04	6.42E-06	8.90E-07	1.99E-03	3.50E-04	4.29E-03	7.30E-04	4.25E-03	7.22E-04	4.02E-03	6.67E-04	5.13E-03	9.25E-04	5.13E-03	9.25E-04	7.47E-03	1.24E-03	4.29E-03	7.30E-04	8.91E-05	1.23E-05	4.03E-03	6.69E-04	6.10E-05	8.44E-06	4.04E-03	6.71E-04	3.23E-01	5.60E-02	9.24E-01	9.60E-02
2065 Gridded	4.63E-03	6.68E-04	4.83E-06	8.07E-07	2.32E-03	3.43E-04	4.95E-03	7.23E-04	4.91E-03	7.15E-04	4.61E-03	6.65E-04	6.01E-03	8.99E-04	6.01E-03	8.99E-04	8.57E-03	1.24E-03	4.95E-03	7.23E-04	6.69E-05	1.12E-05	4.62E-03	6.67E-04	4.58E-05	7.65E-06	4.63E-03	6.69E-04	2.95E-01	6.12E-02	7.91E-01	1.07E-01
2066 Gridded	3.33E-03	6.35E-04	4.19E-06	8.79E-07	1.72E-03	3.30E-04	3.61E-03	6.91E-04	3.57E-03	6.83E-04	3.32E-03	6.32E-04	4.53E-03	8.70E-04	4.53E-03	8.70E-04	6.17E-03	1.18E-03	3.61E-03	6.91E-04	5.81E-05	1.22E-05	3.33E-03	6.34E-04	3.98E-05	8.34E-06	3.33E-03	6.36E-04	4.26E-01	5.83E-02	9.35E-01	1.14E-01
2067 Gridded	4.55E-03	8.60E-04	5.57E-06	1.01E-06	2.34E-03	4.40E-04	4.93E-03	9.28E-04	4.87E-03	9.19E-04	4.53E-03	8.56E-04	6.15E-03	1.15E-03	6.15E-03	1.15E-03	8.43E-03	1.59E-03	4.93E-03	9.28E-04	7.73E-05	1.40E-05	4.54E-03	8.59E-04	5.29E-05	9.55E-06	4.55E-03	8.61E-04	3.17E-01	6.19E-02	8.22E-01	1.34E-01
2068 Gridded	3.99E-03	7.77E-04	4.82E-06	1.01E-06	2.04E-03	4.04E-04	4.31E-03	8.45E-04	4.26E-03	8.36E-04	3.97E-03	7.73E-04	5.34E-03	1.07E-03	5.34E-03	1.07E-03	7.38E-03	1.44E-03	4.31E-03	8.45E-04	6.69E-05	1.41E-05	3.98E-03	7.75E-04	4.58E-05	9.62E-06	3.99E-03	7.78E-04	2.71E-01	5.87E-02	6.07E-01	1.23E-01
2069 Gridded	5.03E-03	6.89E-04	7.02E-06	6.84E-07	2.65E-03	3.44E-04	5.51E-03	7.35E-04	5.44E-03	7.29E-04	5.01E-03	6.87E-04	7.05E-03	8.85E-04	7.05E-03	8.85E-04	9.32E-03	1.28E-03	5.51E-03	7.35E-04	9.73E-05	9.49E-06	5.02E-03	6.88E-04	6.66E-05	6.49E-06	5.04E-03	6.90E-04	1.94E-01	4.61E-02	4.23E-01	6.52E-02
2070 Gridded	3.59E-03	4.28E-04	4.21E-06	5.05E-07	1.84E-03	2.19E-04	3.88E-03	4.62E-04	3.84E-03	4.58E-04	3.58E-03	4.26E-04	4.80E-03	5.73E-04	4.80E-03	5.73E-04	6.65E-03	7.93E-04	3.88E-03	4.62E-04	5.84E-05	7.00E-06	3.59E-03	4.28E-04	4.00E-05	4.79E-06	3.60E-03	4.29E-04	2.75E-01	4.73E-02	4.57E-01	8.05E-02
2071 Gridded	2.88E-03	6.30E-04	2.83E-06	6.19E-07	1.43E-03	3.14E-04	3.07E-03	6.71E-04	3.04E-03	6.66E-04	2.87E-03	6.27E-04	3.69E-03	8.07E-04	3.69E-03	8.07E-04	5.34E-03	1.17E-03	3.07E-03	6.71E-04	3.92E-05	8.58E-06	2.88E-03	6.29E-04	2.68E-05	5.87E-06	2.88E-03	6.30E-04	3.34E-01	4.27E-02	1.12E+00	7.42E-02
2072 Gridded	3.32E-03	5.48E-04	3.31E-06	4.95E-07	1.66E-03	2.70E-04	3.54E-03	5.81E-04	3.51E-03	5.77E-04	3.31E-03	5.46E-04	4.27E-03	6.90E-04	4.27E-03	6.90E-04	6.15E-03	1.02E-03	3.54E-03	5.81E-04	4.59E-05	6.86E-06	3.31E-03	5.47E-04	3.14E-05	4.69E-06	3.32E-03	5.48E-04	3.76E-01	4.52E-02	7.20E-01	7.67E-02
2073 Gridded	4.26E-03	4.40E-04	3.54E-06	5.05E-07	2.06E-03	2.24E-04	4.48E-03	4.74E-04	4.45E-03	4.69E-04	4.25E-03	4.38E-04	5.22E-03	5.84E-04	5.22E-03	5.84E-04	7.89E-03	8.14E-04	4.48E-03	4.74E-04	4.91E-05	7.00E-06	4.25E-03	4.39E-04	3.36E-05	4.79E-06	4.26E-03	4.40E-04	2.02E-01	4.05E-02	6.00E-01	6.12E-02
2074 Gridded	4.28E-03	5.91E-04	3.91E-06	6.09E-07	1.97E-03	2.96E-04	4.41E-03	6.32E-04	4.39E-03	6.26E-04	4.27E-03	5.89E-04	4.98E-03	7.66E-04	4.98E-03	7.66E-04	7.94E-03	1.10E-03	4.41E-03	6.32E-04	5.43E-05	8.45E-06	4.28E-03	5.90E-04	3.71E-05	5.78E-06	4.28E-03	5.92E-04	2.62E-01	4.52E-02	7.31E-01	6.24E-02

Scenario 4 Results

2075 Gridded	5.22E-03	8.57E-04	4.44E-06	8.20E-07	2.55E-03	4.25E-04	5.52E-03	9.12E-04	5.47E-03	9.05E-04	5.20E-03	8.54E-04	6.49E-03	1.09E-03	6.49E-03	1.09E-03	9.67E-03	1.59E-03	5.52E-03	9.12E-04	6.15E-05	1.14E-05	5.21E-03	8.56E-04	4.21E-05	7.78E-06	5.22E-03	8.58E-04	2.80E-01	4.42E-02	7.44E-01	8.02E-02
2076 Gridded	4.86E-03	7.67E-04	4.60E-06	7.28E-07	2.41E-03	3.62E-04	5.17E-03	7.99E-04	5.12E-03	7.94E-04	4.84E-03	7.65E-04	6.17E-03	9.01E-04	6.17E-03	9.01E-04	9.00E-03	1.42E-03	5.17E-03	7.99E-04	6.38E-05	1.01E-05	4.85E-03	7.67E-04	4.36E-05	6.90E-06	4.86E-03	7.68E-04	2.73E-01	4.84E-02	5.09E-01	7.15E-02
2077 Gridded	5.66E-03	9.99E-04	5.13E-06	9.53E-07	2.77E-03	4.95E-04	5.99E-03	1.06E-03	5.95E-03	1.05E-03	5.64E-03	9.95E-04	7.07E-03	1.27E-03	7.07E-03	1.27E-03	1.05E-02	1.85E-03	5.99E-03	1.06E-03	7.11E-05	1.32E-05	5.65E-03	9.97E-04	4.87E-05	9.04E-06	5.66E-03	1.00E-03	2.64E-01	4.77E-02	6.80E-01	6.54E-02
2078 Gridded	5.30E-03	8.63E-04	4.55E-06	6.96E-07	2.58E-03	4.19E-04	5.60E-03	9.10E-04	5.56E-03	9.03E-04	5.29E-03	8.60E-04	6.56E-03	1.06E-03	6.56E-03	1.06E-03	9.83E-03	1.60E-03	5.60E-03	9.10E-04	6.31E-05	9.65E-06	5.30E-03	8.62E-04	4.32E-05	6.60E-06	5.31E-03	8.63E-04	2.92E-01	5.20E-02	6.97E-01	7.75E-02
2079 Gridded	5.56E-03	7.37E-04	5.77E-06	6.57E-07	2.68E-03	3.61E-04	5.84E-03	7.81E-04	5.80E-03	7.75E-04	5.54E-03	7.35E-04	6.77E-03	9.21E-04	6.77E-03	9.21E-04	1.03E-02	1.37E-03	5.84E-03	7.81E-04	8.00E-05	9.11E-06	5.55E-03	7.36E-04	5.47E-05	6.23E-06	5.56E-03	7.38E-04	3.27E-01	5.75E-02	6.88E-01	8.38E-02
2080 Gridded	6.10E-03	8.52E-04	6.95E-06	7.47E-07	3.11E-03	4.13E-04	6.57E-03	8.98E-04	6.50E-03	8.91E-04	6.07E-03	8.49E-04	8.09E-03	1.05E-03	8.09E-03	1.05E-03	1.13E-02	1.58E-03	6.57E-03	8.98E-04	9.64E-05	1.04E-05	6.09E-03	8.51E-04	6.60E-05	7.09E-06	6.11E-03	8.52E-04	3.38E-01	5.05E-02	4.75E-01	8.09E-02
2081 Gridded	5.72E-03	6.35E-04	6.42E-06	6.31E-07	2.91E-03	3.12E-04	6.15E-03	6.67E-04	6.09E-03	6.61E-04	5.70E-03	6.33E-04	7.56E-03	8.05E-04	7.56E-03	8.05E-04	1.06E-02	1.18E-03	6.15E-03	6.67E-04	8.91E-05	8.75E-06	5.71E-03	6.34E-04	6.09E-05	5.99E-06	5.73E-03	6.35E-04	3.41E-01	4.46E-02	4.86E-01	5.80E-02
2082 Gridded	6.74E-03	5.96E-04	8.00E-06	5.95E-07	3.45E-03	2.96E-04	7.28E-03	6.35E-04	7.21E-03	6.29E-04	6.71E-03	5.93E-04	9.03E-03	7.61E-04	9.03E-03	7.61E-04	1.25E-02	1.10E-03	7.28E-03	6.35E-04	1.11E-04	8.25E-06	6.73E-03	5.95E-04	7.59E-05	5.65E-06	6.75E-03	5.96E-04	3.86E-01	4.18E-02	4.95E-01	6.18E-02
2083 Gridded	8.90E-03	6.85E-04	9.88E-06	7.65E-07	4.51E-03	3.48E-04	9.57E-03	7.37E-04	9.47E-03	7.29E-04	8.86E-03	6.82E-04	1.17E-02	9.04E-04	1.17E-02	9.04E-04	1.65E-02	1.27E-03	9.57E-03	7.37E-04	1.37E-04	1.06E-05	8.89E-03	6.84E-04	9.38E-05	7.26E-06	8.91E-03	6.86E-04	5.97E-01	4.54E-02	8.28E-01	7.00E-02
2084 Gridded	8.60E-03	1.04E-03	8.40E-06	1.14E-06	4.28E-03	5.25E-04	9.17E-03	1.11E-03	9.09E-03	1.10E-03	8.57E-03	1.03E-03	1.10E-02	1.36E-03	1.10E-02	1.36E-03	1.59E-02	1.92E-03	9.17E-03	1.11E-03	1.16E-04	1.59E-05	8.59E-03	1.03E-03	7.97E-05	1.09E-05	8.61E-03	1.04E-03	5.27E-01	4.87E-02	8.27E-01	6.61E-02
2085 Gridded	7.61E-03	1.10E-03	6.36E-06	1.10E-06	3.66E-03	5.50E-04	7.98E-03	1.18E-03	7.93E-03	1.17E-03	7.58E-03	1.10E-03	9.22E-03	1.42E-03	9.22E-03	1.42E-03	1.41E-02	2.04E-03	7.98E-03	1.18E-03	8.82E-05	1.53E-05	7.60E-03	1.10E-03	6.04E-05	1.05E-05	7.61E-03	1.10E-03	3.99E-01	6.88E-02	5.98E-01	8.95E-02
2086 Gridded	7.81E-03	1.23E-03	6.19E-06	1.04E-06	3.72E-03	6.02E-04	8.17E-03	1.30E-03	8.12E-03	1.29E-03	7.80E-03	1.23E-03	9.33E-03	1.53E-03	9.33E-03	1.53E-03	1.45E-02	2.29E-03	8.17E-03	1.30E-03	8.58E-05	1.44E-05	7.81E-03	1.23E-03	5.87E-05	9.83E-06	7.82E-03	1.24E-03	4.25E-01	7.09E-02	6.36E-01	1.06E-01
2087 Gridded	4.18E-03	6.39E-04	3.11E-06	4.83E-07	2.01E-03	3.08E-04	4.39E-03	6.71E-04	4.36E-03	6.67E-04	4.17E-03	6.37E-04	5.07E-03	7.77E-04	5.07E-03	7.77E-04	7.75E-03	1.18E-03	4.39E-03	6.71E-04	4.32E-05	6.70E-06	4.18E-03	6.38E-04	2.95E-05	4.58E-06	4.18E-03	6.39E-04	2.27E-01	3.15E-02	3.87E-01	5.29E-02
2088 Gridded	2.41E-03	3.75E-04	1.81E-06	3.36E-07	1.13E-03	1.80E-04	2.50E-03	3.94E-04	2.49E-03	3.91E-04	2.41E-03	3.74E-04	2.79E-03	4.54E-04	2.79E-03	4.54E-04	4.47E-03	6.95E-04	2.50E-03	3.94E-04	2.51E-05	4.66E-06	2.41E-03	3.74E-04	1.72E-05	3.19E-06	2.41E-03	3.75E-04	1.65E-01	2.27E-02	2.57E-01	3.67E-02
2089 Gridded	1.94E-03	3.67E-04	1.93E-06	3.44E-07	9.63E-04	1.81E-04	2.07E-03	3.90E-04	2.05E-03	3.87E-04	1.94E-03	3.65E-04	2.47E-03	4.65E-04	2.47E-03	4.65E-04	3.60E-03	6.79E-04	2.07E-03	3.90E-04	2.68E-05	4.77E-06	1.94E-03	3.66E-04	1.83E-05	3.27E-06	1.95E-03	3.67E-04	1.63E-01	2.17E-02	2.98E-01	3.69E-02
2090 Gridded	2.11E-03	3.47E-04	2.25E-06	3.27E-07	1.06E-03	1.72E-04	2.26E-03	3.69E-04	2.24E-03	3.66E-04	2.10E-03	3.46E-04	2.75E-03	4.41E-04	2.75E-03	4.41E-04	3.91E-03	6.43E-04	2.26E-03	3.69E-04	3.12E-05	4.54E-06	2.11E-03	3.47E-04	2.13E-05	3.10E-06	2.11E-03	3.47E-04	1.53E-01	2.19E-02	2.93E-01	2.89E-02
2091 Gridded	3.73E-03	3.21E-04	3.13E-06	3.04E-07	1.82E-03	1.59E-04	3.94E-03	3.41E-04	3.91E-03	3.38E-04	3.71E-03	3.20E-04	4.62E-03	4.08E-04	4.62E-03	4.08E-04	6.90E-03	5.94E-04	3.94E-03	3.41E-04	4.34E-05	4.21E-06	3.72E-03	3.20E-04	2.97E-05	2.88E-06	3.73E-03	3.21E-04	1.95E-01	2.69E-02	3.80E-01	4.02E-02
2092 Gridded	4.10E-03	7.65E-04	4.51E-06	8.03E-07	2.07E-03	3.85E-04	4.40E-03	8.20E-04	4.36E-03	8.12E-04	4.08E-03	7.62E-04	5.39E-03	9.96E-04	5.39E-03	9.96E-04	7.59E-03	1.42E-03	4.40E-03	8.20E-04	6.25E-05	1.11E-05	4.09E-03	7.64E-04	4.28E-05	7.62E-06	4.10E-03	7.66E-04	2.13E-01	4.65E-02	6.06E-01	8.64E-02
2093 Gridded	3.90E-03	7.06E-04	4.06E-06	6.94E-07	1.96E-03	3.50E-04	4.17E-03	7.50E-04	4.13E-03	7.43E-04	3.88E-03	7.03E-04	5.06E-03	9.02E-04	5.06E-03	9.02E-04	7.22E-03	1.31E-03	4.17E-03	7.50E-04	5.63E-05	9.62E-06	3.89E-03	7.05E-04	3.85E-05	6.58E-06	3.90E-03	7.06E-04	2.30E-01	4.15E-02	5.22E-01	7.64E-02
2094 Gridded	4.20E-03	7.87E-04	4.64E-06	8.67E-07	2.13E-03	3.99E-04	4.52E-03	8.46E-04	4.47E-03	8.38E-04	4.18E-03	7.84E-04	5.53E-03	1.04E-03	5.53E-03	1.04E-03	7.78E-03	1.46E-03	4.52E-03	8.46E-04	6.44E-05	1.20E-05	4.20E-03	7.86E-04	4.40E-05	8.22E-06	4.21E-03	7.88E-04	2.29E-01	5.08E-02	5.88E-01	9.37E-02
2095 Gridded	4.82E-03	7.06E-04	6.11E-06	1.01E-06	2.50E-03	3.74E-04	5.23E-03	7.74E-04	5.17E-03	7.65E-04	4.79E-03	7.03E-04	6.57E-03	9.96E-04	6.57E-03	9.96E-04	8.92E-03	1.31E-03	5.23E-03	7.74E-04	8.48E-05	1.40E-05	4.81E-03	7.05E-04	5.80E-05	9.58E-06	4.82E-03	7.07E-04	2.61E-01	5.70E-02	6.07E-01	1.06E-01
2096 Gridded	6.27E-03	5.27E-04	5.84E-06	8.11E-07	3.08E-03	2.67E-04	6.64E-03	5.66E-04	6.59E-03	5.61E-04	6.25E-03	5.25E-04	7.85E-03	7.21E-04	7.85E-03	7.21E-04	1.16E-02	9.76E-04	6.64E-03	5.66E-04	8.09E-05	1.12E-05	6.26E-03	5.26E-04	5.54E-05	7.69E-06	6.28E-03	5.27E-04	3.21E-01	5.97E-02	7.31E-01	1.38E-01
2097 Gridded	6.31E-03	8.62E-04	8.81E-06	1.05E-06	3.31E-03	4.44E-04	6.86E-03	9.33E-04	6.77E-03	9.23E-04	6.29E-03	8.58E-04	8.79E-03	1.16E-03	8.79E-03	1.16E-03	1.17E-02	1.60E-03	6.86E-03	9.33E-04	1.22E-04	1.46E-05	6.30E-03	8.60E-04	8.36E-05	1.00E-05	6.32E-03	8.62E-04	4.01E-01	6.68E-02	7.25E-01	1.45E-01
2098 Gridded	6.62E-03	1.32E-03	6.68E-06	1.49E-06	3.25E-03	6.69E-04	7.02E-03	1.42E-03	6.96E-03	1.40E-03	6.60E-03	1.31E-03	8.30E-03	1.74E-03	8.30E-03	1.74E-03	1.23E-02	2.44E-03	7.02E-03	1.42E-03	9.27E-05	2.06E-05	6.61E-03	1.31E-03	6.34E-05	1.41E-05	6.62E-03	1.32E-03	3.59E-01	6.66E-02	7.34E-01	9.94E-02
2099 Gridded	5.82E-03	1.17E-03	7.52E-06	1.25E-06	2.96E-03	5.91E-04	6.27E-03	1.26E-03	6.21E-03	1.24E-03	5.79E-03	1.17E-03	7.73E-03	1.53E-03	7.73E-03	1.53E-03	1.08E-02	2.17E-03	6.27E-03	1.26E-03	1.04E-04	1.73E-05	5.81E-03	1.17E-03	7.13E-05	1.18E-05	5.82E-03	1.17E-03	3.35E-01	5.92E-02	8.84E-01	1.10E-01
2100 Gridded	5.29E-03	7.85E-04	5.40E-06	1.18E-06	2.65E-03	4.20E-04	5.65E-03	8.65E-04	5.60E-03	8.53E-04	5.27E-03	7.81E-04	6.83E-03	1.12E-03	6.83E-03	1.12E-03	9.79E-03	1.45E-03	5.65E-03	8.65E-04	7.48E-05	1.63E-05	5.28E-03	7.83E-04	5.12E-05	1.12E-05	5.29E-03	7.86E-04	3.28E-01	6.79E-02	7.13E-01	1.15E-01
2101 Gridded	7.78E-03	1.03E-03	4.51E-06	8.53E-07	3.45E-03	4.89E-04	7.89E-03	1.07E-03	7.88E-03	1.07E-03	7.77E-03	1.02E-03	8.27E-03	1.23E-03	8.27E-03	1.23E-03	1.44E-02	1.90E-03	7.89E-03	1.07E-03	6.26E-05	1.18E-05	7.78E-03	1.02E-03	4.28E-05	8.09E-06	7.78E-03	1.03E-03	2.56E-01	7.69E-02	6.21E-01	1.59E-01
2102 Gridded	8.06E-03	1.04E-03	7.45E-06	1.39E-06	3.98E-03	5.45E-04	8.56E-03	1.14E-03	8.49E-03	1.12E-03	8.03E-03	1.04E-03	1.02E-02	1.44E-03	1.02E-02	1.44E-03	1.49E-02	1.93E-03	8.56E-03	1.14E-03	1.03E-04	1.93E-05	8.05E-03	1.04E-03	7.07E-05	1.32E-05	8.06E-03	1.04E-03	3.42E-01	9.57E-02	7.00E-01	1.74E-01
2103 Gridded	6.30E-03	1.01E-03	1.12E-05	1.33E-06	3.29E-03	5.25E-04	6.86E-03	1.10E-03	6.78E-03	1.09E-03	6.27E-03	1.00E-03	8.69E-03	1.39E-03	8.69E-03	1.39E-03	1.17E-02	1.87E-03	6.86E-03	1.10E-03	1.55E-04	1.84E-05	6.29E-03	1.01E-03	1.06E-04	1.26E-05	6.31E-03	1.01E-03	4.43E-01	9.67E-02	9.25E-01	1.69E-01
2104 Gridded	5.27E-03	9.95E-04	5.66E-06	1.32E-06	2.48E-03	5.20E-04	5.48E-03	1.08E-03	5.45E-03	1.07E-03	5.26E-03	9.90E-04	6.16E-03	1.37E-03	6.16E-03	1.37E-03	9.78E-03	1.84E-03	5.48E-03	1.08E-03	7.85E-05	1.83E-05	5.27E-03	9.93E-04	5.37E-05	1.25E-05	5.28E-03	9.96E-04	4.80E-01	5.22E-02	8.90E-01	9.41E-02
2105 Gridded	4.56E-03	9.77E-04	7.32E-06	9.59E-07	2.23E-03	4.63E-04	4.83E-03	1.02E-03	4.79E-03	1.01E-03	4.55E-03	9.75E-04	5.69E-03	1.16E-03	5.69E-03	1.16E-03	8.45E-03	1.81E-03	4.83E-03	1.02E-03	1.01E-04	1.33E-05	4.56E-03	9.76E-04	6.94E-05	9.10E-06	4.56E-03	9.77E-04	2.87E-01	7.58E-02	9.59E-01	1.21E-01
2106 Gridded	3.09E-03	8.75E-04	3.70E-06	9.37E-07	1.49E-03	4.41E-04	3.23E-03	9.38E-04	3.21E-03	9.29E-04	3.09E-03	8.71E-04	3.78E-03	1.14E-03	3.78E-03	1.14E-03	5.74E-03	1.62E-03	3.23E-03	9.38E-04	5.13E-05	1.30E-05	3.09E-03	8.73E-04	3.51E-05	8.89E-06	3.09E-03	8.75E-04	2.75E-01	8.19E-02	7.70E-01	1.63E-01
2107 Gridded	2.07E-03	5.38E-04	3.00E-06	7.25E-07	1.03E-03	2.81E-04	2.20E-03	5.86E-04	2.19E-03	5.79E-04	2.06E-03	5.36E-04	2.66E-03	7.41E-04	2.66E-03	7.41E-04	3.83E-03	9.97E-04	2.20E-03	5.86E-04	4.16E-05	1.01E-05	2.07E-03	5.37E-04	2.84E-05	6.88E-06	2.07E-03	5.39E-04	2.28E-01	6.13E-02	5.52E-01	8.91E-02
2108 Gridded	3.20E-03	4.29E-04	3.45E-06	5.54E-07	1.57E-03	2.18E-04	3.39E-03	4.61E-04	3.36E-03	4.56E-04	3.19E-03	4.27E-04	3.98E-03	5.75E-04	3.98E-03	5.75E-04	5.93E-03	7.94E-04	3.39E-03	4.61E-04	4.78E-05	7.69E-06	3.20E-03	4.28E-04	3.27E-05	5.26E-06	3.20E-03	4.29E-04	2.77E-01	5.37E-02	7.56E-01	8.27E-02
2109 Gridded	2.96E-03	5.07E-04	3.75E-06	6.21E-07	1.42E-03	2.61E-04	3.07E-03	5.49E-04	3.06E-03	5.43E-04	2.96E-03	5.05E-04	3.75E-03	6.85E-04	3.75E-03	6.85E-04	5.49E-03	9.38E-04	3.07E-03	5.49E-04	5.20E-05	8.62E-06	2.96E-03	5.06E-04	3.56E-05	5.90E-06	2.96E-03	5.07E-04	2.22E-01	4.96E-02	5.96E-01	1.19E-01
2110 Gridded	3.21E-03	5.06E-04	4.40E-06	6.15E-07	1.61E-03	2.60E-04	3.43E-03	5.47E-04	3.40E-03	5.42E-04	3.20E-03	5.04E-04	4.16E-03	6.82E-04	4.16E-03	6.82E-04	5.94E-03	9.37E-04	3.43E-03	5.47E-04	6.11E-05	8.52E-06	3.20E-03	5.05E-04	4.18E-05	5.83E-06	3.21E-03	5.06E-04	2.15E-01	4.70E-02	5.85E-01	8.87E-02
2111 Gridded	3.72E-03	6.50E-04	4.28E-06	7.30E-07	1.84E-03	3.30E-04	3.95E-03	6.99E-04	3.92E-03	6.92E-04	3.70E-03	6.47E-04	4.72E-03	8.58E-04	4.72E-03	8.58E-04	6.88E-03	1.20E-03	3.95E-03	6.99E-04	5.94E-05	1.01E-05	3.71E-03	6.49E-04	4.06E-05	6.93E-06	3.72E-03	6.51E-04	3.18E-01	5.32E-02	6.84E-01	7.32E-02
2112 Gridded	6.54E-03	6.28E-04	5.75E-06	7.19E-07	3.21E-03	3.20E-04	6.92E-03	6.77E-04	6.87E-03	6.70E-04	6.51E-03	6.26E-04	8.18E-03	8.35E-04	8.18E-03	8.35E-04	1.21E-02	1.16E-03	6.92E-03	6.77E-04	7.97E-05	9.98E-06	6.53E-03	6.27E-04	5.45E-05	6.83E-06	6.54E-03	6.29E-04	3.64E-01	5.26E-02	8.09E-01	7.74E-02
2113 Gridded	6.86E-03	5.54E-04	6.95E-06	5.78E-07	3.43E-03	2.77E-04	7.33E-03	5.92E-04	7.26E-03	5.87E-04	6.83E-03	5.52E-04	8.85E-03	7.15E-04	8.85E-03	7.15E-04	1.27E-02	1.03E-03	7.33E-03	5.92E-04	9.64E-05	8.02E-06	6.85E-03	5.54E-04	6.60E-05	5.49E-06	6.86E-03	5.55E-04	4.32E-01	5.76E-02	9.62E-01	1.03E-01
2114 Gridded	4.37E-03	4.04E-04	6.57E-06	7.44E-07	2.26E-03	2.16E-04	4.74E-03	4.39E-04	4.69E-03	4.35E-04	4.35E-03	4.02E-04	5.96E-03	5.94E-04	5.96E-03	5.94E-04	8.09E-03	7.48E-04	4.74E-03	4.39E-04	9.11E-05	1.03E-05	4.36E-03	4.04E-04	6.23E-05	7.06E-06	4.38E-03	4.05E-04	4.31E-01	4.46E-02	7.38E-01	6.99E-02
2115 Gridded	4.21E-03	6.76E-04	6.38E-06	8.65E-07	2.07E-03	3.51E-04	4.47E-03	7.35E-04	4.43E-03	7.27E-04	4.19E-03	6.73E-04	5.31E-03	9.24E-04	5.31E-03	9.24E-04	7.80E-03	1.25E-03	4.47E-03	7.35E-04	8.84E-05	1.20E-05	4.20E-03	6.75E-04	6.05E-05	8.20E-06	4.21E-03	6.77E-04	2.82E-01	5.42E-02	8.20E-01	9.39E-02
2116 Gridded	4.32E-03	6.23E-04	5.47E-06	7.43E-07	2.19E-03	3.20E-04	4.65E-03	6.73E-04	4.60E-03	6.66E-04	4.30E-03	6.20E-04	5.71E-03	8.36E-04	5.71E-03	8.36E-04	8.00E-03	1.15E-03	4.65E-03	6.73E-04	7.59E-05	1.03E-05	4.31E-03	6.22E-04	5.19E-05	7.05E-06	4.32E-03	6.24E-04	2.71E-01	5.73E-02	7.22E-01	1.13E-01
2117 Gridded	3.26E-03	5.86E-04	3.95E-06	8.32E-07	1.66E-03	3.04E-04	3.51E-03	6.36E-04	3.47E-03	6.29E-04	3.24E-03	5.83E-04	4.32E-03	8.00E-04	4.32E-03	8.00E-04	6.03E-03	1.08E-03	3.51E-03	6.36E-04	5.47E-05	1.15E-05	3.25E-03	5.85E-04	3.74E-05	7.89E-06	3.26E-03	5.86E-04	3.85E-01	5.28E-02	8.59E-01	1.04E-01
2118 Gridded	4.31E-03	7.90E-04	5.06E-06	9.29E-07	2.21E-03	4.04E-04	4.65E-03	8.53E-04	4.60E-03	8.44E-04	4.29E-03	7.87E-04	5.76E-03	1.06E-03	5.76E-03	1.06E-03	7.98E-03	1.46E-03	4.65E-03	8.53E-04	7.02E-05	1.29E-05	4.30E-03	7.89E-04	4.80E-05	8.81E-06	4.32E-03	7.91E-04	2.74E-01	5.75E-02	6.62E-01	1.20E-01
2119 Gridded	5.08E-03	8.62E-04	6.13E-06	1.09E-06	2.49E-03	4.46E-04	5.38E-03	9.35E-04	5.34E-03	9.25E-04	5.07E-03	8.57E-04	6.48E-03	1.17E-03	6.48E-03	1.17E-03	9.42E-03	1.60E-03	5.38E-03	9.35E-04	8.50E-05	1.51E-05	5.08E-03	8.60E-04	5.82E-05	1.03E-05	5.09E-03	8.62E-04	2.95E-01	6.37E-02	7.02E-01	1.24E-01
2120 Gridded	6.31E-03	8.27E-04	8.81E-06	9.55E-07	3.33E-03	4.22E-04	6.90E-03	8.91E-04	6.82E-03	8.82E-04	6.27E-03	8.23E-04	8.83E-03	1.10E-03	8.83E-03	1.10E-03	1.17E-02	1.53E-03	6.90E-03	8.91E-04	1.22E-04	1.32E-05	6.29E-03	8.26E-04	8.36E-05	9.06E-06	6.31E-03	8.28E-04	2.23E-01	5.60E-02	4.66E-01	8.00E-02
2121 Gridded	4.26E-03	6.22E-04	5.23E-06	7.74E-07	2.17E-03	2.95E-04	4.57E-03	6.49E-04	4.53E-03	6.45E-04	4.24E-03	6.20E-04	5.69E-03	7.38E-04	5.69E-03	7.38E-04	7.88E-03	1.15E-03	4.57E-03	6.49E-04	7.25E-05	1.07E-05	4.25E-03	6.21E-04	4.96E-05	7.34E-06	4.26E-03	6.22E-04	2.84E-01	5.65E-02	4.46E-01	9.85E-02
2122 Gridded	3.30E-03	5.96E-04	4.41E-06	6.11E-07	1.73E-03	2.99E-04	3.60E-03	6.38E-04	3.55E-03	6.32E-04	3.28E-03	5.94E-04	4.56E-03	7.71E-04	4.56E-03	7.71E-04	6.11E-03	1.10E-03	3.60E-03	6.38E-04	6.12E-05	8.47E-06	3.29E-03	5.95E-04	4.19E-05	5.80E-06	3.30E-03	5.97E-04	3.62E-01	4.76E-02	7.89E-01	6.57E-02
2123 Gridded	3.13E-03	5.93E-04	3.53E-06	5.81E-07	1.57E-03	2.95E-04	3.35E-03	6.32E-04	3.32E-03	6.27E-04	3.12E-03	5.91E-04	4.04E-03	7.60E-04	4.04E-03	7.60E-04	5.80E-03	1.10E-03	3.35E-03	6.32E-04	4.90E-05	8.06E-06	3.13E-03	5.92E-04	3.35E-05	5.52E-06	3.14E-03	5.94E-04	4.29E-01	4.81E-02	1.21E+00	9.40E-02
2124 Gridded	3.47E-03	5.58E-04	3.91E-06	4.98E-07	1.58E-03	2.71E-04	3.56E-03	5.89E-04	3.55E-03	5.84E-04	3.47E-03	5.56E-04	4.10E-03	6.88E-04	4.10E-03	6.88E-04	6.45E-03	1.03E-03	3.56E-03	5.89E-04	5.43E-05	6.91E-06	3.47E-03	5.57E-04	3.71E-05	4.73E-06	3.47E-03	5.58E-04	2.40E-01	4.20E-02	4.77E-01	6.15E-02
2125 Gridded	4.88E-03	5.10E-04	3.70E-06	5.47E-07	2.29E-03	2.50E-04	5.07E-03	5.40E-04	5.04E-03	5.36E-04	4.87E-03	5.08E-04	5.66E-03	6.40E-04	5.66E-03	6.40E-04	9.06E-03	9.44E-04	5.07E-03	5.40E-04	5.14E-05	7.58E-06	4.88E-03	5.09E-04	3.51E-05	5.19E-06	4.89E-03	5.10E-04	2.16E-01	4.13E-02	6.67E-01	5.85E-02
2126 Gridded	4.72E-03	7.24E-04	4.50E-06	7.41E-07	2.25E-03	3.57E-04	4.94E-03	7.68E-04	4.91E-03	7.62E-04	4.71E-03	7.22E-04	5.75E-03	9.12E-04	5.75E-03	9.12E-04	8.76E-03	1.34E-03	4.94E-03	7.68E-04	6.24E-05	1.03E-05	4.72E-03	7.23E-04	4.27E-05	7.03E-06	4.73E-03	7.25E-04	2.63E-01	4.26E-02	6.96E-01	7.95E-02
2127 Gridded	4.79E-03	8.34E-04	4.55E-06	7.50E-07	2.38E-03	4.09E-04	5.10E-03	8.83E-04	5.06E-03	8.76E-04	4.78E-03	8.32E-04	6.10E-03	1.05E-03	6.10E-03	1.05E-03	8.88E-03	1.55E-03	5.10E-03	8.83E-04	6.31E-05	1.04E-05	4.79E-03	8.33E-04	4.32E-05	7.12E-06	4.80E-03	8.35E-04	2.99E-01	4.58E-02	6.58E-01	7.62E-02
2128 Gridded	5.18E-03	7.58E-04	4.81E-06	8.29E-07	2.56E-03	3.84E-04	5.51E-03	8.14E-04	5.46E-03	8.07E-04	5.16E-03	7.55E-04	6.56E-03	9.96E-04	6.56E-03	9.96E-04	9.60E-03	1.40E-03	5.51E-03	8.14E-04	6.67E-05	1.15E-05	5.18E-03	7.57E-04	4.56E-05	7.87E-06	5.19E-03	7.59E-04	2.72E-01	4.58E-02	5.09E-01	6.55E-02
2129 Gridded	5.60E-03	9.91E-04	4.84E-06	9.12E-07	2.74E-03	4.89E-04	5.93E-03	1.05E-03	5.88E-03	1.04E-03	5.58E-03	9.87E-04	6.99E-03	1.25E-03	6.99E-03	1.25E-03	1.04E-02	1.84E-03	5.93E-03	1.05E-03	6.71E-05	1.26E-05	5.59E-03	9.89E-04	4.59E-05	8.65E-06	5.60E-03	9.91E-04	2.57E-01	4.88E-02	6.46E-01	6.43E-02
2130 Gridded	5.82E-03	8.07E-04	4.78E-06	6.90E-07	2.83E-03	3.93E-04	6.14E-03	8.52E-04	6.10E-03	8.45E-04	5.80E-03	8.05E-04	7.19E-03	9.96E-04	7.19E-03	9.96E-04	1.08E-02	1.50E-03	6.14E-03	8.52E-04	6.63E-05	9.57E-06	5.82E-03	8.06E-04	4.53E-05	6.55E-06	5.83E-03	8.08E-04	2.82E-01	4.99E-02	6.38E-01	6.96E-02
2131 Gridded	5.26E-03	7.31E-04	5.71E-06	6.61E-07	2.53E-03	3.57E-04	5.52E-03	7.73E-04	5.48E-03	7.67E-04	5.24E-03	7.28E-04	6.37E-03	9.10E-04	6.37E-03	9.10E-04	9.75E-03	1.35E-03	5.52E-03	7.73E-04	7.92E-05	9.17E-06	5.25E-03	7.30E-04	5.42E-05	6.28E-06	5.26E-03	7.31E-04	3.13E-01	5.44E-02	5.97E-01	7.92E-02
2132 Gridded	5.76E-03	8.13E-04	6.61E-06	7.17E-07	2.94E-03	3.93E-04	6.21E-03	8.56E-04	6.15E-03	8.50E-04	5.74E-03	8.11E-04	7.66E-03	9.94E-04	7.66E-03	9.94E-04	1.07E-02	1.51E-03	6.21E-03	8.56E-04	9.17E-05	9.95E-06	5.75E-03	8.12E-04	6.28E-05	6.81E-06	5.77E-03	8.14E-04	3.28E-01	4.67E-02	4.33E-01	7.45E-02
2133 Gridded	6.25E-03	6.65E-04	7.04E-06	6.78E-07	3.17E-03	3.33E-04	6.72E-03	7.11E-04	6.65E-03	7.05E-04	6.22E-03	6.63E-04	8.26E-03	8.60E-04	8.26E-03	8.60E-04	1.16E-02	1.23E-03	6.72E-03	7.11E-04	9.77E-05	9.40E-06	6.24E-03	6.64E-04	6.68E-05	6.43E-06	6.25E-03	6.66E-04	3.54E-01	4.53E-02	4.61E-01	5.98E-02
2134 Gridded	7.44E-03	6.67E-04	8.78E-06	6.61E-07	3.81E-03	3.32E-04	8.04E-03	7.11E-04	7.95E-03	7.05E-04	7.41E-03	6.64E-04	9.96E-03	8.56E-04	9.96E-03	8.56E-04	1.38E-02	1.24E-03	8.04E-03	7.11E-04	1.22E-04	9.16E-06	7.43E-03	6.66E-04	8.33E-05	6.27E-06	7.45E-03	6.67E-04	4.04E-01	4.14E-02	5.06E-01	5.94E-02
2135 Gridded	6.59E-03	5.83E-04	8.13E-06	5.42E-07	3.40E-03	2.86E-04	7.14E-03	6.17E-04	7.06E-03	6.13E-04	6.56E-03	5.81E-04	8.92E-03	7.30E-04	8.92E-03	7.30E-04	1.22E-02	1.08E-03	7.14E-03	6.17E-04	1.13E-04	7.52E-06	6.58E-03	5.82E-04	7.72E-05	5.14E-06	6.59E-03	5.83E-04	5.38E-01	4.07E-02	7.50E-01	6.12E-02
2136 Gridded	6.67E-03	6.11E-04	7.15E-06	7.03E-07	3.36E-03	3.11E-04	7.15E-03	6.58E-04	7.09E-03	6.52E-04	6.65E-03	6.08E-04	8.72E-03	8.12E-04	8.72E-03	8.12E-04	1.24E-02	1.13E-03	7.15E-03	6.58E-04	9.92E-05	9.75E-06	6.66E-03	6.10E-04	6.79E-05	6.67E-06	6.68E-03	6.11E-04	4.35E-01	3.55E-02	6.93E-01	5.43E-02
2137 Gridded	7.85E-03	1.00E-03	6.83E-06	1.11E-06	3.85E-03	5.08E-04	8.31E-03	1.08E-03	8.24E-03	1.07E-03	7.82E-03	9.99E-04	9.80E-03	1.32E-03	9.80E-03	1.32E-03	1.45E-02	1.86E-03	8.31E-03	1.08E-03	9.47E-05	1.54E-05	7.84E-03	1.00E-03	6.48E-05	1.05E-05	7.85E-03	1.00E-03	4.74E-01	6.58E-02	7.05E-01	8.20E-02
2138 Gridded	6.50E-03	1.03E-03	6.07E-06	1.02E-06	3.07E-03	5.15E-04	6.77E-03	1.10E-03	6.73E-03	1.09E-03	6.49E-03	1.03E-03	7.73E-03	1.33E-03	7.73E-03	1.33E-03	1.21E-02	1.92E-03	6.77E-03	1.10E-03	8.42E-05	1.41E-05	6.49E-03	1.03E-03	5.76E-05	9.66E-06	6.50E-03	1.04E-03	3.82E-01	6.45E-02	5.65E-01	9.28E-02
2139 Gridded	3.30E-03	5.39E-04	2.68E-06	4.70E-07	1.55E-03	2.64E-04	3.42E-03	5.71E-04	3.40E-03	5.66E-04	3.29E-03	5.37E-04	3.84E-03	6.74E-04	3.84E-03	6.74E-04	6.11E-03	9.99E-04	3.42E-03	5.71E-04	3.72E-05	6.52E-06	3.29E-03	5.38E-04	2.54E-05	4.46E-06	3.30E-03	5.39E-04	1.82E-01	2.61E-02	2.91E-01	4.40E-02
2140 Gridded	2.84E-03	4.65E-04	1.93E-06	3.55E-07	1.35E-03	2.24E-04	2.97E-03	4.89E-04	2.95E-03	4.85E-04	2.83E-03	4.64E-04	3.39E-03	5.66E-04	3.39E-03	5.66E-04	5.27E-03	8.62E-04	2.97E-03	4.89E-04	2.67E-05	4.92E-06	2.84E-03	4.64E-04	1.83E-05	3.36E-06	2.84E-03	4.65E-04	1.66E-01	2.31E-02	2.66E-01	3.14E-02
2141 Gridded	2.33E-03	3.99E-04	1.88E-06	3.13E-07	1.08E-03	1.91E-04	2.41E-03	4.18E-04	2.40E-03	4.15E-04	2.33E-03	3.98E-04	2.67E-03	4.81E-04	2.67E-03	4.81E-04	4.33E-03	7.39E-04	2.41E-03	4.18E-04	2.60E-05	4.35E-06	2.33E-03	3.98E-04	1.78E-05	2.97E-06	2.33E-03	3.99E-04	1.74E-01	2.30E-02	2.70E-01	3.73E-02
2142 Gridded	2.40E-03	3.82E-04	2.40E-06	3.18E-07	1.18E-03	1.83E-04	2.54E-03	4.01E-04	2.52E-03	3.98E-04	2.39E-03	3.81E-04	3.00E-03	4.62E-04	3.00E-03	4.62E-04	4.44E-03	7.08E-04	2.54E-03	4.01E-04	3.33E-05	4.41E-06	2.39E-03	3.82E-04	2.28E-05	3.02E-06	2.40E-03	3.82E-04	1.83E-01	2.39E-02	3.29E-01	3.85E-02
2143 Gridded	2.99E-03	5.83E-04	3.23E-06	5.67E-07	1.47E-03	2.90E-04	3.17E-03	6.21E-04	3.15E-03	6.16E-04	2.98E-03	5.81E-04	3.75E-03	7.46E-04	3.75E-03	7.46E-04	5.55E-03	1.08E-03	3.17E-03	6.21E-04	4.47E-05	7.87E-06	2.99E-03	5.82E-04	3.06E-05	5.38E-06	3.00E-03	5.84E-04	1.89E-01	3.87E-02	4.67E-01	6.89E-02
2144 Gridded	3.69E-03	6.44E-04	4.59E-06	8.05E-07	1.88E-03	3.33E-04	3.97E-03	6.98E-04	3.93E-03	6.90E-04	3.68E-03	6.41E-04	4.89E-03	8.74E-04	4.89E-03	8.74E-04	6.84E-03	1.19E-03	3.97E-03	6.98E-04	6.37E-05	1.12E-05	3.68E-03	6.43E-04	4.36E-05	7.64E-06	3.69E-03	6.44E-04	2.10E-01	4.71E-02	4.76E-01	8.85E-02
2145 Gridded	4.02E-03	5.44E-04	5.50E-06	8.48E-07	2.11E-03	2.93E-04	4.39E-03	6.01E-04	4.33E-03	5.93E-04	4.00E-03	5.41E-04	5.59E-03	7.87E-04	5.59E-03	7.87E-04	7.44E-03	1.01E-03	4.39E-03	6.01E-04	7.62E-05	1.18E-05	4.01E-03	5.42E-04	5.22E-05	8.05E-06	4.02E-03	5.44E-04	2.60E-01	5.18E-02	5.81E-01	9.79E-02
2146 Gridded	4.95E-03	4.33E-04	5.05E-06	5.77E-07	2.48E-03	2.11E-04	5.29E-03	4.56E-04	5.24E-03	4.53E-04	4.93E-03	4.32E-04	6.39E-03	5.49E-04	6.39E-03	5.49E-04	9.16E-03	8.03E-04	5.29E-03	4.56E-04	7.00E-05	8.00E-06	4.94E-03	4.33E-04	4.79E-05	5.47E-06	4.95E-03	4.33E-04	2.95E-01	5.57E-02	6.83E-01	1.32E-01
2147 Gridded	4.68E-03	7.45E-04	6.81E-06	9.45E-07	2.30E-03	3.86E-04	4.96E-03	8.09E-04	4.92E-03	8.00E-04	4.66E-03	7.41E-04	6.12E-03	1.02E-03	6.12E-03	1.02E-03	8.67E-03	1.38E-03	4.96E-03	8.09E-04	9.44E-05	1.31E-05	4.67E-03	7.44E-04	6.46E-05	8.97E-06	4.68E-03	7.46E-04	3.59E-01	5.99E-02	6.67E-01	1.25E-01
2148 Gridded	4.92E-03	9.15E-04	4.92E-06	1.12E-06	2.45E-03	4.71E-04	5.24E-03	9.90E-04	5.20E-03	9.80E-04	4.90E-03	9.10E-04	6.30E-03	1.24E-03	6.30E-03	1.24E-03	9.11E-03	1.69E-03	5.24E-03	9.90E-04	6.82E-05	1.56E-05	4.91E-03	9.13E-04	4.66E-05	1.06E-05	4.92E-03	9.16E-04	2.62E-01	5.79E-02	6.82E-01	7.99E-02
2149 Gridded	3.65E-03	6.59E-04	5.06E-06	9.05E-07	1.84E-03	3.39E-04	3.91E-03	7.13E-04	3.88E-03	7.05E-04	3.64E-03	6.56E-04	4.80E-03	8.90E-04	4.80E-03	8.90E-04	6.77E-03	1.22E-03	3.91E-03	7.13E-04	7.01E-05	1.26E-05	3.65E-03	6.58E-04	4.80E-05	8.59E-06	3.66E-03	6.59E-04	2.81E-01	5.06E-02	7.47E-01	1.03E-01
2150 Gridded	4.29E-03	6.47E-04	4.63E-06	9.85E-07	2.16E-03	3.47E-04	4.60E-03	7.13E-04	4.56E-03	7.04E-04	4.27E-03	6.43E-04	5.61E-03	9.29E-04	5.61E-03	9.29E-04	7.95E-03	1.20E-03	4.60E-03	7.13E-04	6.42E-05	1.37E-05	4.28E-03	6.45E-04	4.39E-05	9.35E-06	4.29E-03	6.48E-04	2.94E-01	6.04E-02	6.43E-01	1.06E-01
2151 Gridded	7.79E-03	1.03E-03	4.56E-06	8.38E-07	3.47E-03	4.90E-04	7.92E-03	1.08E-03	7.90E-03	1.07E-03	7.79E-03	1.03E-03	8.33E-03	1.23E-03	8.33E-03	1.23E-03	1.45E-02	1.91E-03	7.92E-03	1.08E-03	6.32E-05	1.16E-05	7.79E-03	1.03E-03	4.32E-05	7.95E-06	7.80E-03	1.03E-03	2.39E-01	7.43E-02	5.87E-01	1.52E-01
2152 Gridded	6.67E-03	8.83E-04	6.05E-06	1.14E-06	3.29E-03	4.59E-04	7.08E-03	9.61E-04	7.02E-03	9.50E-04	6.65E-03	8.79E-04	8.40E-03	1.21E-03	8.40E-03	1.21E-03	1.24E-02	1.64E-03	7.08E-03	9.61E-04	8.39E-05	1.59E-05	6.66E-03	8.82E-04	5.74E-05	1.09E-05	6.68E-03	8.84E-04	2.94E-01	8.11E-02	5.85E-01	1.47E-01
2153 Gridded	5.11E-03	8.20E-04	8.73E-06	1.10E-06	2.61E-03	4.26E-04	5.51E-03	8.91E-04	5.46E-03	8.81E-04	5.09E-03	8.16E-04	6.83E-03	1.12E-03	6.83E-03	1.12E-03	9.46E-03	1.52E-03	5.51E-03	8.91E-04	1.21E-04	1.53E-05	5.10E-03	8.19E-04	8.28E-05	1.05E-05	5.11E-03	8.21E-04	3.70E-01	8.16E-02	7.80E-01	1.39E-01
2154 Gridded	5.48E-03	9.90E-04	6.51E-06	1.31E-06	2.53E-03	5.17E-04	5.65E-03	1.08E-03	5.63E-03	1.07E-03	5.47E-03	9.85E-04	6.22E-03	1.37E-03	6.22E-03	1.37E-03	1.02E-02	1.83E-03	5.65E-03	1.08E-03	9.03E-05	1.82E-05	5.47E-03	9.88E-04	6.18E-05	1.25E-05	5.48E-03	9.91E-04	4.72E-01	5.57E-02	8.20E-01	8.82E-02
2155 Gridded	3.56E-03	7.67E-04	6.10E-06	9.24E-07	1.65E-03	3.94E-04	3.68E-03	8.29E-04	3.66E-03	8.20E-04	3.55E-03	7.63E-04	4.44E-03	1.03E-03	4.44E-03	1.03E-03	6.59E-03	1.42E-03	3.68E-03	8.29E-04	8.46E-05	1.28E-05	3.55E-03	7.65E-04	5.79E-05	8.77E-06	3.56E-03	7.67E-04	2.77E-01	5.97E-02	7.76E-01	9.49E-02
2156 Gridded	3.92E-03	9.89E-04	4.26E-06	8.66E-07	1.98E-03	4.85E-04	4.21E-03	1.05E-03	4.17E-03	1.04E-03	3.91E-03	9.85E-04	5.14E-03	1.24E-03	5.14E-03	1.24E-03	7.27E-03	1.83E-03	4.21E-03	1.05E-03	5.90E-05	1.20E-05	3.92E-03	9.87E-04	4.04E-05	8.22E-06	3.93E-03	9.89E-04	3.06E-01	7.81E-02	7.35E-01	1.42E-01
2157 Gridded	2.50E-03	6.15E-04	3.39E-06	9.37E-07	1.30E-03	3.20E-04	2.73E-03	6.69E-04	2.69E-03	6.61E-04	2.49E-03	6.12E-04	3.44E-03	8.42E-04	3.44E-03	8.42E-04	4.63E-03	1.14E-03	2.73E-03	6.69E-04	4.69E-05	1.30E-05	2.50E-03	6.14E-04	3.21E-05	8.89E-06	2.51E-03	6.16E-04	2.56E-01	6.79E-02	7.43E-01	1.38E-01
2158 Gridded	2.21E-03	4.37E-04	2.41E-06	5.66E-07	1.09E-03	2.27E-04	2.35E-03	4.76E-04	2.33E-03	4.70E-04	2.21E-03	4.35E-04	2.80E-03	5.99E-04	2.80E-03	5.99E-04	4.10E-03	8.10E-04	2.35E-03	4.76E-04	3.34E-05	7.84E-06	2.21E-03	4.37E-04	2.29E-05	5.37E-06	2.22E-03	4.38E-04	2.30E-01	5.09E-02	6.15E-01	6.85E-02
2159 Gridded	4.19E-03	4.60E-04	4.38E-06	5.53E-07	2.10E-03	2.36E-04	4.48E-03	4.97E-04	4.44E-03	4.92E-04	4.17E-03	4.58E-04	5.42E-03	6.18E-04	5.42E-03	6.18E-04	7.76E-03	8.52E-04	4.48E-03	4.97E-04	6.08E-05	7.67E-06	4.18E-03	4.59E-04	4.16E-05	5.25E-06	4.19E-03	4.60E-04	2.46E-01	4.58E-02	6.33E-01	8.23E-02
2160 Gridded	4.78E-03	5.64E-04	4.63E-06	6.88E-07	2.38E-03	2.90E-04	5.09E-03	6.11E-04	5.05E-03	6.04E-04	4.76E-03	5.62E-04	6.11E-03	7.61E-04	6.11E-03	7.61E-04	8.86E-03	1.04E-03	5.09E-03	6.11E-04	6.42E-05	9.54E-06	4.77E-03	5.63E-04	4.40E-05	6.53E-06	4.78E-03	5.65E-04	2.64E-01	4.95E-02	7.24E-01	1.42E-01
2161 Gridded	3.11E-03	5.01E-04	3.35E-06	5.45E-07	1.57E-03	2.53E-04	3.34E-03	5.38E-04	3.31E-03	5.33E-04	3.10E-03	4.99E-04	4.07E-03	6.57E-04	4.07E-03	6.57E-04	5.76E-03	9.28E-04	3.34E-03	5.38E-04	4.65E-05	7.55E-06	3.11E-03	5.00E-04	3.18E-05	5.17E-06	3.11E-03	5.01E-04	2.21E-01	4.58E-02	5.74E-01	8.57E-02
2162 Gridded	4.04E-03	6.11E-04	4.24E-06	6.89E-07	2.03E-03	3.10E-04	4.32E-03	6.57E-04	4.28E-03	6.51E-04	4.02E-03	6.08E-04	5.25E-03	8.08E-04	5.25E-03	8.08E-04	7.48E-03	1.13E-03	4.32E-03	6.57E-04	5.89E-05	9.55E-06	4.03E-03	6.10E-04	4.03E-05	6.53E-06	4.04E-03	6.11E-04	3.08E-01	4.48E-02	6.94E-01	7.22E-02
2163 Gridded	5.76E-03	5.31E-04	7.34E-06	6.18E-07	2.99E-03	2.71E-04	6.25E-03	5.72E-04	6.18E-03	5.67E-04	5.73E-03	5.29E-04	7.86E-03	7.07E-04	7.86E-03	7.07E-04	1.07E-02	9.83E-04	6.25E-03	5.72E-04	1.02E-04	8.57E-06	5.74E-03	5.30E-04	6.97E-05	5.86E-06	5.76E-03	5.32E-04	3.65E-01	4.69E-02	7.52E-01	8.50E-02
2164 Gridded	5.33E-03	4.55E-04	6.74E-06	5.40E-07	2.68E-03	2.31E-04	5.71E-03	4.87E-04	5.66E-03	4.82E-04	5.31E-03	4.54E-04	6.94E-03	6.02E-04	6.94E-03	6.02E-04	9.88E-03	8.44E-04	5.71E-03	4.87E-04	9.35E-05	7.49E-06	5.33E-03	4.55E-04	6.39E-05	5.13E-06	5.34E-03	4.56E-04	4.11E-01	5.15E-02	9.61E-01	8.31E-02
2165 Gridded	3.29E-03	4.15E-04	5.15E-06	6.99E-07	1.69E-03	2.17E-04	3.55E-03	4.52E-04	3.52E-03	4.47E-04	3.27E-03	4.13E-04	4.57E-03	5.74E-04	4.57E-03	5.74E-04	6.09E-03	7.68E-04	3.55E-03	4.52E-04	7.14E-05	9.70E-06	3.28E-03	4.14E-04	4.89E-05	6.64E-06	3.29E-03	4.15E-04	3.20E-01	3.53E-02	6.14E-01	6.32E-02
2166 Gridded	4.84E-03	6.98E-04	6.21E-06	8.57E-07	2.42E-03	3.60E-04	5.17E-03	7.56E-04	5.12E-03	7.48E-04	4.82E-03	6.95E-04	6.22E-03	9.44E-04	6.22E-03	9.44E-04	8.97E-03	1.29E-03	5.17E-03	7.56E-04	8.61E-05	1.19E-05	4.83E-03	6.97E-04	5.89E-05	8.13E-06	4.85E-03	6.99E-04	2.77E-01	5.83E-02	8.25E-01	1.03E-01
2167 Gridded	4.19E-03	5.70E-04	5.82E-06	6.75E-07	2.17E-03	2.92E-04	4.54E-03	6.15E-04	4.49E-03	6.09E-04	4.17E-03	5.67E-04	5.69E-03	7.63E-04	5.69E-03	7.63E-04	7.75E-03	1.06E-03	4.54E-03	6.15E-04	8.07E-05	9.36E-06	4.18E-03	5.69E-04	5.52E-05	6.40E-06	4.19E-03	5.70E-04	2.67E-01	5.66E-02	6.46E-01	1.13E-01
2168 Gridded	3.11E-03	5.42E-04	4.02E-06	7.86E-07	1.56E-03	2.80E-04	3.33E-03	5.88E-04	3.30E-03	5.81E-04	3.10E-03	5.39E-04	4.04E-03	7.47E-04	4.04E-03	7.47E-04	5.76E-03	1.00E-03	3.33E-03	5.88E-04	5.57E-05	1.09E-05	3.10E-03	5.41E-04	3.81E-05	7.46E-06	3.11E-03	5.42E-04	3.49E-01	4.80E-02	7.89E-01	9.49E-02
2169 Gridded	3.03E-03	6.90E-04	4.30E-06	8.16E-07	1.54E-03	3.53E-04	3.27E-03	7.45E-04	3.23E-03	7.37E-04	3.02E-03	6.87E-04	4.02E-03	9.24E-04	4.02E-03	9.24E-04	5.62E-03	1.28E-03	3.27E-03	7.45E-04	5.96E-05	1.13E-05	3.03E-03	6.89E-04	4.08E-05	7.74E-06	3.04E-03	6.91E-04	2.10E-01	5.03E-02	4.95E-01	8.43E-02

Scenario 4 Results

2170	Gridded	3.83E-03	7.29E-04	4.39E-06	9.35E-07	1.85E-03	3.78E-04	4.03E-03	7.92E-04	4.00E-03	7.83E-04	3.82E-03	7.25E-04	4.68E-03	9.96E-04	4.68E-03	9.96E-04	7.11E-03	1.35E-03	4.03E-03	7.92E-04	6.09E-05	1.30E-05	3.83E-03	7.27E-04	4.17E-05	8.87E-06	3.84E-03	7.29E-04	2.33E-01	4.47E-02	5.72E-01	7.69E-02
2171	Gridded	4.91E-03	9.14E-04	6.71E-06	1.07E-06	2.58E-03	4.67E-04	5.36E-03	9.86E-04	5.30E-03	9.76E-04	4.88E-03	9.10E-04	6.83E-03	1.22E-03	6.83E-03	1.22E-03	9.09E-03	1.69E-03	5.36E-03	9.86E-04	9.31E-05	1.48E-05	4.90E-03	9.12E-04	6.37E-05	1.02E-05	4.91E-03	9.15E-04	2.27E-01	5.77E-02	5.28E-01	9.35E-02
2172	Gridded	7.50E-03	8.03E-04	9.60E-06	9.50E-07	3.89E-03	3.91E-04	8.15E-03	8.48E-04	8.06E-03	8.41E-04	7.47E-03	8.00E-04	1.03E-02	9.94E-04	1.03E-02	9.94E-04	1.39E-02	1.49E-03	8.15E-03	8.48E-04	1.33E-04	1.32E-05	7.49E-03	8.02E-04	9.11E-05	9.01E-06	7.51E-03	8.03E-04	2.85E-01	6.11E-02	5.86E-01	9.85E-02
2173	Gridded	6.34E-03	6.52E-04	7.83E-06	7.24E-07	3.27E-03	3.31E-04	6.87E-03	7.01E-04	6.79E-03	6.94E-04	6.31E-03	6.49E-04	8.58E-03	8.59E-04	8.58E-03	8.59E-04	1.17E-02	1.21E-03	6.87E-03	7.01E-04	1.09E-04	1.00E-05	6.33E-03	6.51E-04	7.43E-05	6.87E-06	6.35E-03	6.53E-04	4.42E-01	6.13E-02	5.37E-01	9.80E-02
2174	Gridded	3.67E-03	6.17E-04	3.06E-06	6.38E-07	1.79E-03	3.10E-04	3.88E-03	6.60E-04	3.85E-03	6.54E-04	3.66E-03	6.15E-04	4.55E-03	8.00E-04	4.55E-03	8.00E-04	6.80E-03	1.14E-03	3.88E-03	6.60E-04	4.25E-05	8.84E-06	3.67E-03	6.16E-04	2.91E-05	6.05E-06	3.67E-03	6.18E-04	4.24E-01	4.92E-02	1.32E+00	8.65E-02
2175	Gridded	3.58E-03	5.90E-04	3.45E-06	5.38E-07	1.70E-03	2.87E-04	3.74E-03	6.23E-04	3.72E-03	6.18E-04	3.57E-03	5.88E-04	4.26E-03	7.30E-04	4.26E-03	7.30E-04	6.64E-03	1.09E-03	3.74E-03	6.23E-04	4.79E-05	7.46E-06	3.58E-03	5.89E-04	3.28E-05	5.10E-06	3.58E-03	5.90E-04	3.71E-01	4.39E-02	8.05E-01	8.51E-02
2176	Gridded	4.51E-03	5.13E-04	4.37E-06	5.75E-07	2.24E-03	2.59E-04	4.80E-03	5.50E-04	4.76E-03	5.45E-04	4.49E-03	5.11E-04	5.76E-03	6.70E-04	5.76E-03	6.70E-04	8.35E-03	9.50E-04	4.80E-03	5.50E-04	6.06E-05	7.97E-06	4.50E-03	5.12E-04	4.15E-05	5.45E-06	4.51E-03	5.13E-04	2.14E-01	3.95E-02	5.45E-01	6.21E-02
2177	Gridded	4.69E-03	5.76E-04	4.51E-06	6.13E-07	2.22E-03	2.90E-04	4.84E-03	6.18E-04	4.82E-03	6.12E-04	4.68E-03	5.74E-04	5.65E-03	7.52E-04	5.65E-03	7.52E-04	8.71E-03	1.07E-03	4.84E-03	6.18E-04	6.25E-05	8.50E-06	4.69E-03	5.75E-04	4.28E-05	5.81E-06	4.69E-03	5.77E-04	2.59E-01	4.33E-02	6.48E-01	6.01E-02
2178	Gridded	4.86E-03	8.24E-04	4.47E-06	8.09E-07	2.39E-03	4.10E-04	5.15E-03	8.78E-04	5.11E-03	8.71E-04	4.85E-03	8.21E-04	6.13E-03	1.06E-03	6.13E-03	1.06E-03	9.01E-03	1.53E-03	5.15E-03	8.78E-04	6.19E-05	1.12E-05	4.86E-03	8.22E-04	4.24E-05	7.67E-06	4.86E-03	8.24E-04	2.85E-01	3.98E-02	6.80E-01	8.22E-02
2179	Gridded	5.25E-03	8.25E-04	4.87E-06	6.51E-07	2.59E-03	4.00E-04	5.58E-03	8.69E-04	5.53E-03	8.63E-04	5.23E-03	8.23E-04	6.64E-03	1.01E-03	6.64E-03	1.01E-03	9.72E-03	1.53E-03	5.58E-03	8.69E-04	6.75E-05	9.02E-06	5.24E-03	8.24E-04	4.62E-05	6.17E-06	5.25E-03	8.26E-04	2.93E-01	4.53E-02	5.16E-01	7.19E-02
2180	Gridded	4.97E-03	8.73E-04	4.68E-06	9.00E-07	2.46E-03	4.38E-04	5.29E-03	9.34E-04	5.24E-03	9.25E-04	4.96E-03	8.70E-04	6.29E-03	1.13E-03	6.29E-03	1.13E-03	9.22E-03	1.62E-03	5.29E-03	9.34E-04	6.49E-05	1.25E-05	4.97E-03	8.72E-04	4.44E-05	8.54E-06	4.98E-03	8.74E-04	2.63E-01	4.38E-02	5.12E-01	6.11E-02
2181	Gridded	5.33E-03	9.51E-04	4.71E-06	8.63E-07	2.61E-03	4.68E-04	5.65E-03	1.01E-03	5.60E-03	1.00E-03	5.32E-03	9.47E-04	6.66E-03	1.20E-03	6.66E-03	1.20E-03	9.89E-03	1.76E-03	5.65E-03	1.01E-03	6.54E-05	1.20E-05	5.33E-03	9.49E-04	4.47E-05	8.19E-06	5.34E-03	9.51E-04	2.50E-01	4.79E-02	5.93E-01	6.20E-02
2182	Gridded	5.83E-03	7.50E-04	4.63E-06	6.80E-07	2.83E-03	3.65E-04	6.15E-03	7.92E-04	6.10E-03	7.86E-04	5.82E-03	7.47E-04	7.16E-03	9.29E-04	7.16E-03	9.29E-04	1.08E-02	1.39E-03	6.15E-03	7.92E-04	6.42E-05	9.42E-06	5.83E-03	7.49E-04	4.40E-05	6.45E-06	5.84E-03	7.50E-04	2.79E-01	4.91E-02	6.19E-01	6.46E-02
2183	Gridded	5.35E-03	7.53E-04	5.80E-06	6.84E-07	2.50E-03	3.68E-04	5.51E-03	7.96E-04	5.49E-03	7.90E-04	5.34E-03	7.50E-04	6.28E-03	9.35E-04	6.28E-03	9.35E-04	9.92E-03	1.40E-03	5.51E-03	7.96E-04	8.04E-05	9.49E-06	5.34E-03	7.52E-04	5.50E-05	6.49E-06	5.35E-03	7.53E-04	3.14E-01	5.35E-02	5.54E-01	7.81E-02
2184	Gridded	5.76E-03	7.98E-04	6.62E-06	7.40E-07	2.93E-03	3.85E-04	6.20E-03	8.39E-04	6.14E-03	8.33E-04	5.73E-03	7.96E-04	7.65E-03	9.71E-04	7.65E-03	9.71E-04	1.07E-02	1.48E-03	6.20E-03	8.39E-04	9.18E-05	1.03E-05	5.75E-03	7.97E-04	6.28E-05	7.02E-06	5.76E-03	7.98E-04	3.33E-01	4.52E-02	4.28E-01	7.21E-02
2185	Gridded	5.25E-03	6.10E-04	6.01E-06	5.86E-07	2.67E-03	3.00E-04	5.65E-03	6.47E-04	5.60E-03	6.42E-04	5.23E-03	6.08E-04	6.97E-03	7.68E-04	6.97E-03	7.68E-04	9.72E-03	1.13E-03	5.65E-03	6.47E-04	8.33E-05	8.13E-06	5.24E-03	6.09E-04	5.70E-05	5.56E-06	5.25E-03	6.11E-04	3.16E-01	3.91E-02	4.37E-01	5.14E-02
2186	Gridded	5.38E-03	5.53E-04	6.37E-06	5.68E-07	2.75E-03	2.77E-04	5.81E-03	5.91E-04	5.75E-03	5.86E-04	5.35E-03	5.51E-04	7.20E-03	7.16E-04	7.20E-03	7.16E-04	9.96E-03	1.02E-03	5.81E-03	5.91E-04	8.84E-05	7.88E-06	5.37E-03	5.52E-04	6.05E-05	5.39E-06	5.38E-03	5.53E-04	3.01E-01	3.53E-02	4.25E-01	5.07E-02
2187	Gridded	6.02E-03	5.56E-04	6.33E-06	5.27E-07	2.99E-03	2.75E-04	6.41E-03	5.91E-04	6.36E-03	5.86E-04	6.00E-03	5.54E-04	7.68E-03	7.07E-04	7.68E-03	7.07E-04	1.12E-02	1.03E-03	6.41E-03	5.91E-04	8.78E-05	7.32E-06	6.01E-03	5.55E-04	6.01E-05	5.01E-06	6.03E-03	5.56E-04	5.01E-01	3.91E-02	6.88E-01	5.65E-02
2188	Gridded	7.87E-03	5.75E-04	9.06E-06	6.83E-07	4.01E-03	2.95E-04	8.48E-03	6.21E-04	8.40E-03	6.14E-04	7.84E-03	5.72E-04	1.05E-02	7.70E-04	1.05E-02	7.70E-04	1.46E-02	1.06E-03	8.48E-03	6.21E-04	1.26E-04	9.47E-06	7.86E-03	5.74E-04	8.60E-05	6.48E-06	7.88E-03	5.75E-04	5.24E-01	3.90E-02	8.77E-01	6.58E-02
2189	Gridded	7.25E-03	7.53E-04	7.65E-06	8.88E-07	3.65E-03	3.85E-04	7.76E-03	8.12E-04	7.69E-03	8.04E-04	7.22E-03	7.49E-04	9.44E-03	1.01E-03	9.44E-03	1.01E-03	1.34E-02	1.39E-03	7.76E-03	8.12E-04	1.06E-04	1.23E-05	7.24E-03	7.51E-04	7.26E-05	8.42E-06	7.25E-03	7.53E-04	4.99E-01	5.44E-02	7.05E-01	6.62E-02
2190	Gridded	5.11E-03	6.40E-04	4.32E-06	7.22E-07	2.47E-03	3.25E-04	5.38E-03	6.89E-04	5.34E-03	6.82E-04	5.10E-03	6.38E-04	6.22E-03	8.47E-04	6.22E-03	8.47E-04	9.48E-03	1.19E-03	5.38E-03	6.89E-04	5.99E-05	1.00E-05	5.11E-03	6.39E-04	4.10E-05	6.86E-06	5.12E-03	6.41E-04	3.19E-01	4.75E-02	4.87E-01	6.72E-02
2191	Gridded	3.20E-03	5.13E-04	3.03E-06	5.21E-07	1.55E-03	2.57E-04	3.37E-03	5.48E-04	3.35E-03	5.43E-04	3.19E-03	5.11E-04	3.91E-03	6.62E-04	3.91E-03	6.62E-04	5.93E-03	9.50E-04	3.37E-03	5.48E-04	4.20E-05	7.22E-06	3.20E-03	5.12E-04	2.87E-05	4.94E-06	3.20E-03	5.13E-04	1.98E-01	2.84E-02	3.36E-01	4.60E-02
2192	Gridded	3.22E-03	5.44E-04	2.84E-06	4.74E-07	1.51E-03	2.67E-04	3.33E-03	5.76E-04	3.31E-03	5.71E-04	3.21E-03	5.42E-04	3.86E-03	6.80E-04	3.86E-03	6.80E-04	5.97E-03	1.01E-03	3.33E-03	5.76E-04	3.93E-05	6.58E-06	3.22E-03	5.43E-04	2.69E-05	4.50E-06	3.22E-03	5.44E-04	1.88E-01	2.35E-02	2.95E-01	3.46E-02
2193	Gridded	3.07E-03	5.32E-04	2.19E-06	4.05E-07	1.45E-03	2.57E-04	3.20E-03	5.59E-04	3.18E-03	5.56E-04	3.06E-03	5.31E-04	3.62E-03	6.48E-04	3.62E-03	6.48E-04	5.69E-03	9.86E-04	3.20E-03	5.59E-04	3.03E-05	5.61E-06	3.06E-03	5.32E-04	2.07E-05	3.84E-06	3.07E-03	5.32E-04	1.83E-01	2.50E-02	2.73E-01	3.52E-02
2194	Gridded	3.28E-03	5.08E-04	4.18E-06	7.09E-07	1.70E-03	2.68E-04	3.56E-03	5.56E-04	3.52E-03	5.49E-04	3.26E-03	5.06E-04	4.45E-03	7.12E-04	4.45E-03	7.12E-04	6.07E-03	9.41E-04	3.56E-03	5.56E-04	5.80E-05	9.84E-06	3.27E-03	5.07E-04	3.97E-05	6.73E-06	3.28E-03	5.09E-04	1.96E-01	4.30E-02	4.77E-01	8.03E-02
2195	Gridded	3.61E-03	3.58E-04	4.13E-06	6.12E-07	1.74E-03	1.97E-04	3.80E-03	3.99E-04	3.77E-03	3.94E-04	3.60E-03	3.56E-04	4.40E-03	5.33E-04	4.40E-03	5.33E-04	6.70E-03	6.62E-04	3.80E-03	3.99E-04	5.73E-05	8.49E-06	3.61E-03	3.57E-04	3.92E-05	5.81E-06	3.62E-03	3.59E-04	2.21E-01	4.53E-02	5.19E-01	9.75E-02
2196	Gridded	4.28E-03	3.74E-04	5.00E-06	4.84E-07	2.19E-03	1.87E-04	4.62E-03	3.95E-04	4.57E-03	3.92E-04	4.26E-03	3.73E-04	5.71E-03	4.88E-04	5.71E-03	4.88E-04	7.93E-03	6.94E-04	4.62E-03	3.95E-04	6.93E-05	6.72E-06	4.27E-03	3.74E-04	4.74E-05	4.60E-06	4.29E-03	3.75E-04	2.98E-01	5.22E-02	6.39E-01	1.24E-01
2197	Gridded	4.13E-03	6.82E-04	5.46E-06	8.74E-07	2.05E-03	3.54E-04	4.40E-03	7.41E-04	4.36E-03	7.33E-04	4.12E-03	6.79E-04	5.27E-03	9.33E-04	5.27E-03	9.33E-04	7.66E-03	1.26E-03	4.40E-03	7.41E-04	7.57E-05	1.21E-05	4.13E-03	6.81E-04	5.18E-05	8.29E-06	4.14E-03	6.83E-04	3.02E-01	5.35E-02	6.00E-01	1.07E-01
2198	Gridded	5.19E-03	1.04E-03	5.45E-06	1.18E-06	2.61E-03	5.31E-04	5.56E-03	1.12E-03	5.50E-03	1.11E-03	5.17E-03	1.04E-03	6.75E-03	1.38E-03	6.75E-03	1.38E-03	9.61E-03	1.93E-03	5.56E-03	1.12E-03	7.56E-05	1.63E-05	5.18E-03	1.04E-03	5.17E-05	1.12E-05	5.19E-03	1.04E-03	2.25E-01	5.19E-02	6.87E-01	6.74E-02
2199	Gridded	4.14E-03	6.91E-04	5.07E-06	9.74E-07	2.09E-03	3.54E-04	4.44E-03	7.44E-04	4.40E-03	7.37E-04	4.12E-03	6.88E-04	5.42E-03	9.45E-04	5.42E-03	9.45E-04	7.66E-03	1.28E-03	4.44E-03	7.44E-04	7.03E-05	1.35E-05	4.13E-03	6.90E-04	4.81E-05	9.24E-06	4.14E-03	6.91E-04	2.90E-01	4.64E-02	6.77E-01	9.59E-02
2200	Gridded	3.67E-03	5.84E-04	4.25E-06	8.78E-07	1.86E-03	3.12E-04	3.94E-03	6.44E-04	3.90E-03	6.35E-04	3.65E-03	5.81E-04	4.83E-03	8.36E-04	4.83E-03	8.36E-04	6.79E-03	1.08E-03	3.94E-03	6.44E-04	5.90E-05	1.22E-05	3.66E-03	5.83E-04	4.03E-05	8.33E-06	3.67E-03	5.85E-04	2.72E-01	5.63E-02	5.77E-01	1.00E-01
2201	Gridded	6.71E-03	8.99E-04	3.88E-06	7.15E-07	3.00E-03	4.28E-04	6.82E-03	9.40E-04	6.81E-03	9.34E-04	6.70E-03	8.97E-04	7.20E-03	1.07E-03	7.20E-03	1.07E-03	1.24E-02	1.67E-03	6.82E-03	9.40E-04	5.39E-05	9.92E-06	6.70E-03	8.99E-04	3.69E-05	6.79E-06	6.71E-03	9.00E-04	2.03E-01	6.54E-02	5.06E-01	1.35E-01
2202	Gridded	6.68E-03	8.85E-04	5.93E-06	1.12E-06	3.28E-03	4.58E-04	7.08E-03	9.60E-04	7.02E-03	9.49E-04	6.66E-03	8.81E-04	8.38E-03	1.20E-03	8.38E-03	1.20E-03	1.24E-02	1.64E-03	7.08E-03	9.60E-04	8.23E-05	1.55E-05	6.67E-03	8.83E-04	5.63E-05	1.06E-05	6.68E-03	8.86E-04	2.73E-01	7.69E-02	5.58E-01	1.41E-01
2203	Gridded	4.06E-03	6.74E-04	6.75E-06	9.11E-07	2.04E-03	3.49E-04	4.35E-03	7.31E-04	4.31E-03	7.23E-04	4.04E-03	6.71E-04	5.30E-03	9.17E-04	5.30E-03	9.17E-04	7.51E-03	1.25E-03	4.35E-03	7.31E-04	9.36E-05	1.26E-05	4.05E-03	6.73E-04	6.40E-05	8.64E-06	4.06E-03	6.75E-04	3.08E-01	6.73E-02	6.39E-01	1.14E-01
2204	Gridded	4.23E-03	8.54E-04	5.62E-06	1.12E-06	1.93E-03	4.45E-04	4.35E-03	9.29E-04	4.33E-03	9.19E-04	4.23E-03	8.50E-04	4.72E-03	1.17E-03	4.72E-03	1.17E-03	7.85E-03	1.58E-03	4.35E-03	9.29E-04	7.80E-05	1.55E-05	4.23E-03	8.52E-04	5.33E-05	1.06E-05	4.23E-03	8.55E-04	3.88E-01	5.13E-02	6.39E-01	8.33E-02
2205	Gridded	4.58E-03	8.50E-04	7.18E-06	1.07E-06	2.36E-03	4.40E-04	4.97E-03	9.23E-04	4.91E-03	9.13E-04	4.56E-03	8.46E-04	6.20E-03	1.16E-03	6.20E-03	1.16E-03	8.49E-03	1.57E-03	4.97E-03	9.23E-04	9.96E-05	1.49E-05	4.58E-03	8.49E-04	6.81E-05	1.02E-05	4.59E-03	8.51E-04	3.54E-01	5.58E-02	7.87E-01	9.97E-02
2206	Gridded	5.54E-03	1.21E-03	7.29E-06	8.75E-07	2.89E-03	5.82E-04	6.03E-03	1.27E-03	5.96E-03	1.26E-03	5.51E-03	1.21E-03	7.63E-03	1.46E-03	7.63E-03	1.46E-03	1.03E-02	2.25E-03	6.03E-03	1.27E-03	1.01E-04	1.21E-05	5.53E-03	1.21E-03	6.92E-05	8.31E-06	5.54E-03	1.21E-03	3.46E-01	7.83E-02	9.13E-01	1.40E-01
2207	Gridded	3.70E-03	8.10E-04	4.87E-06	1.19E-06	1.83E-03	4.32E-04	3.93E-03	8.91E-04	3.90E-03	8.80E-04	3.68E-03	8.06E-04	4.69E-03	1.15E-03	4.69E-03	1.15E-03	6.85E-03	1.50E-03	3.93E-03	8.91E-04	6.76E-05	1.65E-05	3.69E-03	8.09E-04	4.62E-05	1.13E-05	3.70E-03	8.11E-04	2.95E-01	7.79E-02	8.06E-01	1.82E-01
2208	Gridded	2.70E-03	5.75E-04	3.46E-06	7.21E-07	1.35E-03	2.97E-04	2.88E-03	6.24E-04	2.86E-03	6.17E-04	2.69E-03	5.73E-04	3.47E-03	7.82E-04	3.47E-03	7.82E-04	5.01E-03	1.07E-03	2.88E-03	6.24E-04	4.80E-05	1.00E-05	2.70E-03	5.74E-04	3.29E-05	6.84E-06	2.71E-03	5.76E-04	2.43E-01	6.30E-02	6.17E-01	8.44E-02
2209	Gridded	3.03E-03	3.63E-04	2.83E-06	4.10E-07	1.48E-03	1.83E-04	3.20E-03	3.89E-04	3.18E-03	3.85E-04	3.02E-03	3.62E-04	3.78E-03	4.73E-04	3.78E-03	4.73E-04	5.61E-03	6.73E-04	3.20E-03	3.89E-04	3.93E-05	5.69E-06	3.02E-03	3.63E-04	2.69E-05	3.89E-06	3.03E-03	3.63E-04	2.14E-01	4.03E-02	5.61E-01	6.84E-02
2210	Gridded	4.25E-03	5.12E-04	4.14E-06	6.13E-07	2.02E-03	2.63E-04	4.43E-03	5.54E-04	4.41E-03	5.48E-04	4.24E-03	5.10E-04	5.05E-03	6.88E-04	5.05E-03	6.88E-04	7.87E-03	9.48E-04	4.43E-03	5.54E-04	5.74E-05	8.50E-06	4.24E-03	5.11E-04	3.93E-05	5.82E-06	4.25E-03	5.13E-04	2.34E-01	5.03E-02	5.99E-01	1.16E-01
2211	Gridded	2.96E-03	4.69E-04	4.72E-06	5.79E-07	1.48E-03	2.42E-04	3.12E-03	5.08E-04	3.09E-03	5.03E-04	2.95E-03	4.67E-04	4.02E-03	6.35E-04	4.02E-03	6.35E-04	5.49E-03	8.69E-04	3.12E-03	5.08E-04	6.54E-05	8.03E-06	2.96E-03	4.68E-04	4.48E-05	5.49E-06	2.96E-03	4.70E-04	2.10E-01	4.24E-02	5.96E-01	9.01E-02
2212	Gridded	2.85E-03	4.94E-04	3.23E-06	5.49E-07	1.45E-03	2.50E-04	3.07E-03	5.30E-04	3.04E-03	5.25E-04	2.84E-03	4.92E-04	3.77E-03	6.48E-04	3.77E-03	6.48E-04	5.27E-03	9.14E-04	3.07E-03	5.30E-04	4.48E-05	7.62E-06	2.84E-03	4.93E-04	3.06E-05	5.21E-06	2.85E-03	4.94E-04	2.28E-01	3.95E-02	5.26E-01	5.93E-02
2213	Gridded	5.20E-03	5.57E-04	4.33E-06	6.30E-07	2.49E-03	2.83E-04	5.45E-03	6.00E-04	5.41E-03	5.94E-04	5.18E-03	5.55E-04	6.27E-03	7.38E-04	6.27E-03	7.38E-04	9.64E-03	1.03E-03	5.45E-03	6.00E-04	6.01E-05	8.74E-06	5.19E-03	5.56E-04	4.11E-05	5.98E-06	5.20E-03	5.58E-04	3.20E-01	4.37E-02	6.98E-01	6.62E-02
2214	Gridded	5.28E-03	4.52E-04	5.87E-06	5.08E-07	2.53E-03	2.22E-04	5.54E-03	4.79E-04	5.50E-03	4.75E-04	5.27E-03	4.51E-04	6.37E-03	5.80E-04	6.37E-03	5.80E-04	9.79E-03	8.38E-04	5.54E-03	4.79E-04	8.15E-05	7.05E-06	5.28E-03	4.52E-04	5.57E-05	4.82E-06	5.29E-03	4.53E-04	3.79E-01	4.34E-02	8.17E-01	8.60E-02
2215	Gridded	3.03E-03	3.66E-04	4.62E-06	4.77E-07	1.60E-03	1.91E-04	3.28E-03	3.99E-04	3.23E-03	3.94E-04	3.02E-03	3.65E-04	4.29E-03	5.03E-04	4.29E-03	5.03E-04	5.61E-03	6.78E-04	3.28E-03	3.99E-04	6.40E-05	6.62E-06	3.03E-03	3.66E-04	4.38E-05	4.53E-06	3.03E-03	3.67E-04	3.10E-01	4.20E-02	6.71E-01	6.75E-02
2216	Gridded	2.55E-03	4.22E-04	3.33E-06	5.53E-07	1.26E-03	2.20E-04	2.71E-03	4.60E-04	2.68E-03	4.54E-04	2.54E-03	4.20E-04	3.21E-03	5.81E-04	3.21E-03	5.81E-04	4.72E-03	7.82E-04	2.71E-03	4.60E-04	4.62E-05	7.67E-06	2.55E-03	4.22E-04	3.16E-05	5.25E-06	2.55E-03	4.23E-04	2.26E-01	3.13E-02	4.86E-01	5.71E-02
2217	Gridded	3.97E-03	6.62E-04	4.55E-06	7.91E-07	2.02E-03	3.39E-04	4.27E-03	7.15E-04	4.23E-03	7.07E-04	3.95E-03	6.59E-04	5.25E-03	8.88E-04	5.25E-03	8.88E-04	7.35E-03	1.23E-03	4.27E-03	7.15E-04	6.31E-05	1.10E-05	3.96E-03	6.60E-04	4.32E-05	7.51E-06	3.97E-03	6.62E-04	2.51E-01	5.32E-02	6.91E-01	9.56E-02
2218	Gridded	4.42E-03	5.39E-04	6.18E-06	6.26E-07	2.33E-03	2.75E-04	4.83E-03	5.81E-04	4.78E-03	5.75E-04	4.39E-03	5.37E-04	6.19E-03	7.18E-04	6.19E-03	7.18E-04	8.17E-03	9.98E-04	4.83E-03	5.81E-04	8.58E-05	8.68E-06	4.41E-03	5.38E-04	5.87E-05	5.94E-06	4.42E-03	5.40E-04	3.20E-01	6.13E-02	6.70E-01	1.23E-01
2219	Gridded	4.11E-03	5.57E-04	4.60E-06	8.12E-07	2.02E-03	2.96E-04	4.36E-03	6.11E-04	4.32E-03	6.04E-04	4.09E-03	5.54E-04	5.17E-03	7.89E-04	5.17E-03	7.89E-04	7.61E-03	1.03E-03	4.36E-03	6.11E-04	6.38E-05	1.13E-05	4.10E-03	5.55E-04	4.37E-05	7.70E-06	4.11E-03	5.57E-04	3.70E-01	5.16E-02	8.50E-01	1.03E-01
2220	Gridded	2.83E-03	6.31E-04	4.04E-06	7.45E-07	1.37E-03	3.23E-04	2.98E-03	6.82E-04	2.96E-03	6.75E-04	2.82E-03	6.29E-04	3.51E-03	8.45E-04	3.51E-03	8.45E-04	5.25E-03	1.17E-03	2.98E-03	6.82E-04	5.61E-05	1.03E-05	2.83E-03	6.30E-04	3.84E-05	7.07E-06	2.83E-03	6.32E-04	1.89E-01	4.63E-02	4.45E-01	7.13E-02
2221	Gridded	2.91E-03	6.11E-04	3.49E-06	7.93E-07	1.42E-03	3.18E-04	3.08E-03	6.65E-04	3.05E-03	6.57E-04	2.90E-03	6.08E-04	3.62E-03	8.38E-04	3.62E-03	8.38E-04	5.39E-03	1.13E-03	3.08E-03	6.65E-04	4.84E-05	1.10E-05	2.90E-03	6.10E-04	3.31E-05	7.53E-06	2.91E-03	6.12E-04	1.77E-01	3.98E-02	4.16E-01	5.51E-02
2222	Gridded	3.40E-03	8.06E-04	3.73E-06	9.54E-07	1.69E-03	4.13E-04	3.63E-03	8.71E-04	3.60E-03	8.62E-04	3.39E-03	8.03E-04	4.36E-03	1.08E-03	4.36E-03	1.08E-03	6.30E-03	1.49E-03	3.63E-03	8.71E-04	5.18E-05	1.32E-05	3.40E-03	8.05E-04	3.54E-05	9.06E-06	3.40E-03	8.07E-04	2.02E-01	5.16E-02	4.71E-01	8.90E-02
2223	Gridded	9.84E-03	7.92E-04	1.27E-05	8.84E-07	5.11E-03	3.96E-04	1.07E-02	8.46E-04	1.06E-02	8.38E-04	9.79E-03	7.89E-04	1.35E-02	1.02E-03	1.35E-02	1.02E-03	1.82E-02	1.47E-03	1.07E-02	8.46E-04	1.76E-04	1.23E-05	9.82E-03	7.91E-04	1.20E-04	8.39E-06	9.85E-03	7.93E-04	2.85E-01	5.58E-02	5.91E-01	8.55E-02
2224	Gridded	7.24E-03	6.59E-04	8.05E-06	8.92E-07	3.67E-03	3.38E-04	7.79E-03	7.12E-04	7.71E-03	7.05E-04	7.21E-03	6.56E-04	9.55E-03	8.84E-04	9.55E-03	8.84E-04	1.34E-02	1.22E-03	7.79E-03	7.12E-04	1.12E-04	1.24E-05	7.23E-03	6.58E-04	7.64E-05	8.46E-06	7.25E-03	6.60E-04	4.23E-01	6.75E-02	5.90E-01	1.22E-01
2225	Gridded	3.65E-03	6.30E-04	4.18E-06	6.47E-07	1.71E-03	3.06E-04	3.79E-03	6.65E-04	3.77E-03	6.60E-04	3.64E-03	6.28E-04	4.23E-03	7.92E-04	4.23E-03	7.92E-04	6.77E-03	1.17E-03	3.79E-03	6.65E-04	5.79E-05	8.98E-06	3.65E-03	6.29E-04	3.96E-05	6.14E-06	3.65E-03	6.30E-04	4.37E-01	4.76E-02	1.03E+00	8.39E-02
2226	Gridded	3.32E-03	6.23E-04	4.63E-06	5.76E-07	1.69E-03	3.07E-04	3.53E-03	6.61E-04	3.49E-03	6.56E-04	3.31E-03	6.21E-04	4.46E-03	7.85E-04	4.46E-03	7.85E-04	6.16E-03	1.15E-03	3.53E-03	6.61E-04	6.42E-05	7.99E-06	3.32E-03	6.22E-04	4.39E-05	5.47E-06	3.32E-03	6.24E-04	4.37E-01	4.60E-02	1.27E+00	8.30E-02
2227	Gridded	4.05E-03	6.08E-04	4.08E-06	5.48E-07	1.86E-03	2.94E-04	4.17E-03	6.40E-04	4.15E-03	6.36E-04	4.05E-03	6.06E-04	4.54E-03	7.45E-04	4.54E-03	7.45E-04	7.52E-03	1.13E-03	4.17E-03	6.40E-04	5.66E-05	7.59E-06	4.05E-03	6.07E-04	3.88E-05	5.20E-06	4.05E-03	6.09E-04	2.56E-01	4.13E-02	4.89E-01	7.72E-02
2228	Gridded	5.10E-03	5.84E-04	4.07E-06	5.92E-07	2.47E-03	2.87E-04	5.37E-03	6.19E-04	5.33E-03	6.14E-04	5.09E-03	5.83E-04	6.24E-03	7.32E-04	6.24E-03	7.32E-04	9.46E-03	1.08E-03	5.37E-03	6.19E-04	5.64E-05	8.21E-06	5.10E-03	5.84E-04	3.86E-05	5.62E-06	5.11E-03	5.85E-04	2.10E-01	4.05E-02	5.85E-01	6.08E-02
2229	Gridded	4.75E-03	6.81E-04	4.17E-06	7.04E-07	2.33E-03	3.39E-04	5.03E-03	7.26E-04	4.99E-03	7.20E-04	4.73E-03	6.79E-04	5.94E-03	8.70E-04	5.94E-03	8.70E-04	8.80E-03	1.26E-03	5.03E-03	7.26E-04	5.78E-05	9.77E-06	4.74E-03	6.80E-04	3.96E-05	6.68E-06	4.75E-03	6.82E-04	2.72E-01	4.04E-02	5.96E-01	7.49E-02
2230	Gridded	4.75E-03	8.30E-04	4.42E-06	7.79E-07	2.35E-03	4.11E-04	5.05E-03	8.83E-04	5.01E-03	8.76E-04	4.74E-03	8.28E-04	6.02E-03	1.05E-03	6.02E-03	1.05E-03	8.81E-03	1.54E-03	5.05E-03	8.83E-04	6.13E-05	1.08E-05	4.75E-03	8.29E-04	4.19E-05	7.39E-06	4.76E-03	8.31E-04	3.00E-01	4.00E-02	5.75E-01	7.14E-02
2231	Gridded	5.12E-03	7.72E-04	4.70E-06	6.70E-07	2.52E-03	3.72E-04	5.43E-03	8.11E-04	5.39E-03	8.06E-04	5.10E-03	7.70E-04	6.46E-03	9.37E-04	6.46E-03	9.37E-04	9.48E-03	1.43E-03	5.43E-03	8.11E-04	6.52E-05	9.29E-06	5.11E-03	7.71E-04	4.46E-05	6.35E-06	5.12E-03	7.73E-04	2.68E-01	4.34E-02	4.54E-01	6.66E-02
2232	Gridded	4.60E-03	9.05E-04	4.51E-06	9.02E-07	2.29E-03	4.52E-04	4.91E-03	9.66E-04	4.87E-03	9.58E-04	4.59E-03	9.02E-04	5.90E-03	1.16E-03	5.90E-03	1.16E-03	8.53E-03	1.68E-03	4.91E-03	9.66E-04	6.26E-05	1.25E-05	4.60E-03	9.04E-04	4.28E-05	8.56E-06	4.61E-03	9.06E-04	2.52E-01	4.08E-02	4.84E-01	5.59E-02
2233	Gridded	5.04E-03	9.09E-04	5.10E-06	8.19E-07	2.47E-03	4.47E-04	5.33E-03	9.64E-04	5.29E-03	9.56E-04	5.02E-03	9.06E-04	6.28E-03	1.14E-03	6.28E-03	1.14E-03	9.33E-03	1.68E-03	5.33E-03	9.64E-04	7.07E-05	1.14E-05	5.03E-03	9.08E-04	4.83E-05	7.77E-06	5.04E-03	9.10E-04	2.48E-01	4.63E-02	5.59E-01	6.17E-02
2234	Gridded	6.01E-03	7.45E-04	4.71E-06	6.95E-07	2.91E-03	3.68E-04	6.33E-03	7.92E-04	6.28E-03	7.85E-04	5.99E-03	7.42E-04	7.36E-03	9.44E-04	7.36E-03	9.44E-04	1.11E-02	1.38E-03	6.33E-03	7.92E-04	6.53E-05	9.64E-06	6.00E-03	7.44E-04	4.47E-05	6.60E-06	6.01E-03	7.45E-04	2.75E-01	4.92E-02	5.93E-01	6.29E-02
2235	Gridded	5.16E-03	7.15E-04	4.61E-06	6.33E-07	2.38E-03	3.49E-04	5.32E-03	7.56E-04	5.30E-03	7.51E-04	5.15E-03	7.13E-04	5.83E-03	8.89E-04	5.83E-03	8.89E-04	9.58E-03	1.33E-03	5.32E-03	7.56E-04	6.40E-05	8.78E-06	5.16E-03	7.15E-04	4.38E-05	6.01E-06	5.17E-03	7.16E-04	3.06E-01	4.91E-02	4.96E-01	7.22E-02
2236	Gridded	4.80E-03	7.04E-04	5.63E-06	6.94E-07	2.45E-03	3.44E-04	5.18E-03	7.40E-04	5.13E-03	7.35E-04	4.78E-03	7.02E-04	6.41E-03	8.87E-04	6.41E-03	8.87E-04	8.89E-03	1.31E-03	5.18E-03	7.40E-04	7.80E-05	9.63E-06	4.79E-03	7.04E-04	5.34E-05	6.59E-06	4.81E-03	7.05E-04	3.07E-01	4.14E-02	4.08E-01	6.57E-02
2237	Gridded	5.59E-03	6.83E-04	6.37E-06	6.11E-07	2.85E-03	3.35E-04	6.02E-03	7.23E-04	5.96E-03	7.18E-04	5.56E-03	6.80E-04	7.41E-03	8.54E-04	7.41E-03	8.54E-04	1.03E-02	1.27E-03	6.02E-03	7.23E-04	8.84E-05	8.48E-06	5.58E-03	6.82E-04	6.05E-05	5.80E-06	5.59E-03	6.83E-04	3.32E-01	3.89E-02	4.38E-01	5.20E-02
2238	Gridded	7.82E-03	7.29E-04	9.07E-06	7.50E-07	3.99E-03	3.65E-04	8.44E-03	7.79E-04	8.35E-03	7.72E-04	7.79E-03	7.26E-04	1.04E-02	9.44E-04	1.04E-02	9.44E-04	1.45E-02	1.35E-03	8.44E-03	7.79E-04	1.26E-04	1.04E-05	7.81E-03	7.28E-04	8.60E-05	7.11E-06	7.83E-03	7.29E-04	4.19E-01	4.06E-02	5.21E-01	5.29E-02
2239	Gridded	6.53E-03	6.50E-04	7.59E-06	6.38E-07	3.27E-03	3.24E-04	6.98E-03	6.93E-04	6.92E-03	6.87E-04	6.51E-03	6.48E-04	8.45E-03	8.33E-04	8.45E-03	8.33E-04	1.21E-02	1.20E-03	6.98E-03	6.93E-04	1.05E-04	8.85E-06	6.52E-03	6.49E-04	7.21E-05	6.06E-06	6.54E-03	6.51E-04	5.52E-01	4.38E-02	7.23E-01	5.73E-02
2240	Gridded	5.97E-03	4.73E-04	6.57E-06	4.34E-07	2.91E-03	2.32E-04	6.31E-03	4.99E-04	6.26E-03	4.95E-04	5.95E-03	4.71E-04	7.41E-03	5.91E-04	7.41E-03	5.91E-04	1.11E-02	8.76E-04	6.31E-03	4.99E-04	9.11E-05	6.01E-06	5.96E-03	4.72E-04	6.24E-05	4.11E-06	5.97E-03	4.73E-04	4.65E-01	3.52E-02	7.19E-01	5.54E-02
2241	Gridded	6.02E-03	5.22E-04	6.90E-06	5.97E-07	3.07E-03	2.60E-04	6.48E-03	5.57E-04	6.42E-03	5.52E-04	5.99E-03	5.20E-04	7.99E-03	6.71E-04	7.99E-03	6.71E-04	1.11E-02	9.67E-04	6.48E-03	5.57E-04	9.57E-05	8.28E-06	6.01E-03	5.21E-04	6.55E-05	5.67E-06	6.02E-03	5.23E-04	4.37E-01	4.00E-02	5.95E-01	4.98E-02
2242	Gridded	3.83E-03	4.05E-04	3.56E-06	4.90E-07	1.89E-03	2.08E-04	4.07E-03	4.38E-04	4.04E-03	4.34E-04	3.82E-03	4.03E-04	4.85E-03	5.45E-04	4.85E-03	5.45E-04	7.10E-03	7.50E-04	4.07E-03	4.38E-04	4.93E-05	6.79E-06	3.83E-03	4.04E-04	3.38E-05	4.65E-06	3.84E-03	4.06E-04	2.98E-01	3.57E-02	4.26E-01	4.99E-02
2243	Gridded	3.50E-03	4.51E-04	3.13E-06	5.16E-07	1.67E-03	2.30E-04	3.67E-03	4.85E-04	3.64E-03	4.80E-04	3.50E-03	4.49E-04	4.19E-03	5.98E-04	4.19E-03	5.98E-04	6.50E-03	8.34E-04	3.67E-03	4.85E-04	4.34E-05	7.15E-06	3.50E-03	4.50E-04	2.97E-05	4.89E-06	3.51E-03	4.51E-04	2.45E-01	3.08E-02	3.64E-01	4.82E-02
2244	Gridded	3.44E-03	5.21E-04	3.16E-06	5.32E-07	1.64E-03	2.61E-04	3.59E-03	5.57E-04	3.57E-03	5.52E-04	3.43E-03	5.19E-04	4.10E-03	6.73E-04	4.10E-03	6.73E-04	6.37E-03	9.65E-04	3.59E-03	5.57E-04	4.38E-05	7.38E-06	3.43E-03	5.20E-04	3.00E-05	5.05E-06	3.44E-03	5.21E-04	2.00E-01	2.24E-02	3.49E-01	3.77E-02
2245	Gridded	3.97E-03	3.31E-04	3.74E-06	5.21E-07	1.94E-03	1.67E-04	4.20E-03	3.56E-04	4.17E-03	3.52E-04	3.96E-03	3.30E-04	4.95E-03	4.42E-04	4.95E-03	4.42E-04	7.36E-03	6.14E-04	4.20E-03	3.56E-04	5.18E-05	7.23E-06	3.97E-03	3.31E-04	3.54E-05	4.95E-06	3.97E-03	3.32E-04	2.35E-01	4.35E-02	5.01E-01	1.03E-01
2246	Gridded	3.93E-03	4.30E-04	5.21E-06	5.54E-07	2.05E-03	2.23E-04	4.28E-03	4.67E-04	4.23E-03	4.62E-04	3.91E-03	4.28E-04	5.42E-03	5.88E-04	5.42E-03	5.88E-04	7.27E-03	7.96E-04	4.28E-03	4.67E-04	7.23E-05	7.68E-06	3.92E-03	4.29E-04	4.95E-05	5.25E-06	3.93E-03	4.30E-04	2.94E-01	4.93E-02	5.98E-01	1.14E-01
2247	Gridded	4.08E-03	7.00E-04	4.75E-06	8.70E-07	2.02E-03	3.61E-04	4.34E-03	7.59E-04	4.31E-03	7.50E-04	4.07E-03	6.97E-04	5.18E-03	9.49E-04	5.18E-03	9.49E-04	7.57E-03	1.30E-03	4.34E-03	7.59E-04	6.58E-05	1.21E-05	4.08E-03	6.99E-04	4.51E-05	8.26E-06	4.09E-03	7.01E-04	2.54E-01	4.82E-02	5.51E-01	9.15E-02
2248	Gridded	3.89E-03	7.57E-04	4.49E-06	9.12E-07	1.98E-03	3.89E-04	4.18E-03	8.19E-04	4.13E-03	8.10E-04	3.87E-03	7.54E-04	5.16E-03	1.02E-03	5.16E-03	1.02E-03	7.20E-03	1.40E-03	4.18E-03	8.19E-04	6.22E-05	1.27E-05	3.88E-03	7.56E-04	4.26E-05	8.66E-06	3.89E-03	7.58E-04	2.09E-01	4.58E-02	6.70E-01	6.73E-02
2249	Gridded	4.25E-03	6.94E-04	4.73E-06	9.70E-07	2.12E-03	3.66E-04	4.54E-03	7.60E-04	4.50E-03	7.51E-04	4.24E-03	6.91E-04	5.47E-03	9.72E-04	5.47E-03	9.72E-04	7.88E-03	1.29E-03	4.54E-03	7.60E-04	6.56E-05	1.35E-05	4.24E-03	6.93E-04	4.49E-05	9.20E-06	4.25E-03	6.95E-04	2.82E-01	4.66E-02	5.88E-01	8.92E-02
2250	Gridded	3.62E-03	5.80E-04	4.14E-06	8.28E-07	1.80E-03	3.04E-04	3.85E-03	6.30E-04	3.82E-03	6.22E-04	3.60E-03	5.78E-04	4.61E-03	8.11E-04	4.61E-03	8.11E-04	6.70E-03	1.08E-03	3.85E-03	6.30E-04	5.74E-05	1.15E-05	3.61E-03	5.79E-04	3.93E-05	7.86E-06	3.62E-03	5.80E-04	2.58E-01	5.46E-02	5.30E-01	9.76E-02
2251	Gridded	6.39E-03	8.61E-04	3.69E-06	6.76E-07	2.86E-03	4.09E-04	6.51E-03	8.99E-04	6.49E-03	8.94E-04	6.38E-03	8.59E-04	6.89E-03	1.02E-03	6.89E-03	1.02E-03	1.19E-02	1.60E-03	6.51E-03	8.99E-04	5.12E-05	9.37E-06	6.39E-03	8.60E-04	3.50E-05	6.41E-06	6.39E-03	8.61E-04	1.85E-01	6.15E-02	4.67E-01	1.26E-01
2252	Gridded	7.31E-03	9.62E-04	6.39E-06	1.18E-06	3.58E-03	4.96E-04	7.74E-03	1.04E-03	7.68E-03	1.03E-03	7.29E-03	9.58E-04	9.14E-03	1.30E-03	9.14E-03	1.30E-03	1.35E-02	1.78E-03	7.74E-03	1.04E-03	8.86E-05	1.64E-05	7.30E-03	9.61E-04	6.06E-05	1.12E-05	7.31E-03	9.63E-04	2.63E-01	7.72E-02	5.68E-01	1.42E-01
2253	Gridded	4.97E-03	7.09E-04	7.95E-06	1.08E-06	2.47E-03	3.66E-04	5.30E-03	7.69E-04	5.25E-03	7.60E-04	4.95E-03	7.06E-04	6.35E-03	9.61E-04	6.35E-03	9.61E-04	9.21E-03	1.31E-03	5.30E-03	7.69E-04	1.10E-04	1.50E-05	4.96E-03	7.08E-04	7.54E-05	1.03E-05	4.97E-03	7.10E-04	3.14E-01	7.12E-02	6.42E-01	1.22E-01
2254	Gridded	3.28E-03	7.44E-04	4.82E-06	9.61E-07	1.51E-03	3.87E-04	3.36E-03	8.09E-04	3.35E-03	8.00E-04	3.28E-03	7.41E-04	3.93E-03	1.02E-03	3.93E-03	1.02E-03	6.09E-03	1.38E-03	3.36E-03	8.09E-04	6.69E-05	1.33E-05	3.28E-03	7.43E-04	4.57E-05	9.12E-06	3.28E-03	7.45E-04	3.21E-01	4.68E-02	5.31E-01	7.74E-02
2255	Gridded	4.10E-03	7.67E-04	5.39E-06	9.83E-07	2.05E-03	3.98E-04	4.38E-03	8.33E-04	4.34E-03	8.24E-04	4.08E-03	7.63E-04	5.29E-03	1.05E-03	5.29E-03	1.05E-03	7.59E-03	1.42E-03	4.38E-03	8.33E-04	7.47E-05	1.36E-05	4.09E-03	7.65E-04	5.11E-05	9.33E-06	4.10E-03	7.68E-04	3.32E-01	4.55E-02	6.90E-01	8.08E-02
2256	Gridded	5.23E-03	1.07E-03	8.12E-06	8.30E-07	2.82E-03	5.08E-04	5.78E-03	1.12E-03	5.70E-03	1.11E-03	5.20E-03	1.07E-03	7.56E-03	1.27E-03	7.56E-03	1.27E-03	9.68E-03	1.99E-03	5.78E-03	1.12E-03	1.13E-04	1.15E-05	5.22E-03	1.07E-03	7.70E-05	7.88E-06	5.24E-03	1.07E-03	3.26E-01	6.67E-02	8.14E-01	1.10E-01
2257	Gridded	4.49E-03	9.50E-04	4.64E-06	1.12E-06	2.13E-03	4.86E-04	4.69E-03	1.03E-03	4.66E-03	1.01E-03	4.48E-03	9.45E-04	5.32E-03	1.27E-03	5.32E-03	1.27E-03	8.33E-03	1.76E-03	4.69E-03	1.03E-03	6.43E-05	1.56E-05	4.49E-03	9.48E-04	4.40E-05	1.07E-05	4.49E-03	9.50E-04	3.11E-01	7.50E-02	7.94E-01	1.70E-01
2258	Gridded	2.93E-03	6.42E-04	4.12E-06	8.61E-07	1.47E-03	3.31E-04	3.14E-03	6.95E-04	3.11E-03	6.88E-04	2.92E-03	6.39E-04	3.80E-03	8.67E-04	3.80E-03	8.67E-04	5.43E-03	1.19E-03	3.14E-03	6.95E-04	5.71E-05	1.19E-05	2.93E-03	6.41E-04	3.91E-05	8.17E-06	2.94E-03	6.43E-04	2.51E-01	6.76E-02	7.02E-01	1.14E-01
2259	Gridded	2.70E-03	3.91E-04	2.68E-06	4.99E-07	1.34E-03	2.03E-04	2.88E-03	4.24E-04	2.85E-03	4.20E-04	2.70E-03	3.89E-04	3.44E-03	5.34E-04	3.44E-03	5.34E-04	5.01E-03	7.23E-04	2.88E-03	4.24E-04	3.72E-05	6.92E-06	2.70E-03	3.90E-04	2.54E-05	4.73E-06	2.71E-03	3.91E-04	2.26E-01	4.39E-02	6.17E-01	6.07E-02
2260	Gridded	2.65E-03	3.96E-04	3.31E-06	4.67E-07	1.37E-03	2.03E-04	2.87E-03	4.28E-04	2.84E-03	4.23E-04	2.63E-03	3.95E-04	3.60E-03	5.30E-04	3.60E-03	5.30E-04	4.90E-03	7.34E-04	2.87E-03	4.28E-04	4.59E-05	6.48E-06	2.64E-03	3.96E-04	3.14E-05	4.44E-06	2.65E-03	3.97E-04	1.87E-01	3.34E-02	4.53E-01	6.22E-02
2261	Gridded	2.93E-03	4.48E-04	3.31E-06	5.44E-07	1.49E-03	2.30E-04	3.15E-03	4.85E-04	3.12E-03	4.80E-04	2.91E-03	4.46E-04	3.87E-03	6.04E-04	3.87E-03	6.04E-04	5.42E-03	8.30E-04	3.15E-03	4.85E-04	4.58E-05	7.55E-06	2.92E-03	4.47E-04	3.14E-05	5.16E-06	2.93E-03	4.48E-04	1.73E-01	3.47E-02	4.98E-01	1.00E-01
2262	Gridded	2.74E-03	3.97E-04	2.74E-06	4.22E-07	1.22E-03	2.00E-04	2.78E-03	4.25E-04	2.77E-03	4.21E-04	2.74E-03	3.95E-04	3.09E-03	5.18E-04	3.09E-03	5.18E-04	5.08E-03	7.35E-04	2.78E-03	4.25E-04	3.80E-05	5.86E-06	2.74E-03	3.96E-04	2.60E-05	4.01E-06	2.74E-03	3.97E-04	1.64E-01	3.76E-02	4.65E-01	6.73E-02
2263	Gridded	2.73E-03	4.38E-04	2.55E-06	4.80E-07	1.28E-03	2.22E-04	2.84E-03	4.70E-04	2.82E-03	4.66E-04	2.72E-03	4.36E-04	3.20E-03	5.76E-04	3.20E-03	5.76E-04	5.06E-03	8.11E-04	2.84E-03	4.70E-04	3.54E-05	6.66E-06	2.73E-03	4.37E-04	2.42E-05	4.56E-06	2.73E-03	4.38E-04	1.62E-01	3.02E-02	3.61E-01	4.82E-02
2264	Gridded	4.07E-03	4.50E-04	4.23E-06	5.14E-07	2.04E-03	2.29E-04	4.35E-03	4.84E-04	4.31E-03	4.80E-04	4.05E-03	4.48E-04	5.28E-03	5.96E-04	5.28E-03	5.96E-04	7.54E-03	8.33E-04	4.35E-03	4.84E-04	5.86E-05	7.13E-06	4.06E-03	4.49E-04	4.01E-05	4.88E-06	4.07E-03	4.50E-04	2.34E-01	3.73E-02	4.82E-01	4.94E-02

Scenario 4 Results

2265	Gridded	4.75E-03	3.91E-04	4.58E-06	4.14E-07	2.36E-03	1.95E-04	5.06E-03	4.17E-04	5.02E-03	4.14E-04	4.74E-03	3.89E-04	6.06E-03	5.04E-04	6.06E-03	5.04E-04	8.81E-03	7.24E-04	5.06E-03	4.17E-04	6.35E-05	5.73E-06	4.75E-03	3.90E-04	4.34E-05	3.92E-06	4.76E-03	3.91E-04	3.05E-01	4.11E-02	6.43E-01	7.34E-02
2266	Gridded	3.07E-03	3.41E-04	4.44E-06	4.56E-07	1.63E-03	1.77E-04	3.37E-03	3.70E-04	3.32E-03	3.66E-04	3.05E-03	3.39E-04	4.34E-03	4.65E-04	4.34E-03	4.65E-04	5.67E-03	6.32E-04	3.37E-03	3.70E-04	6.16E-05	6.32E-06	3.06E-03	3.40E-04	4.21E-05	4.33E-06	3.07E-03	3.41E-04	2.93E-01	3.69E-02	5.40E-01	5.92E-02
2267	Gridded	2.54E-03	4.36E-04	3.99E-06	5.58E-07	1.25E-03	2.26E-04	2.69E-03	4.74E-04	2.67E-03	4.69E-04	2.53E-03	4.34E-04	3.19E-03	5.96E-04	3.19E-03	5.96E-04	4.70E-03	8.08E-04	2.69E-03	4.74E-04	5.54E-05	7.74E-06	2.53E-03	4.36E-04	3.79E-05	5.29E-06	2.54E-03	4.37E-04	2.06E-01	3.00E-02	4.67E-01	5.43E-02
2268	Gridded	3.57E-03	6.07E-04	4.14E-06	7.15E-07	1.71E-03	3.10E-04	3.73E-03	6.55E-04	3.71E-03	6.48E-04	3.56E-03	6.04E-04	4.38E-03	8.11E-04	4.38E-03	8.11E-04	6.62E-03	1.12E-03	3.73E-03	6.55E-04	5.75E-05	9.91E-06	3.56E-03	6.06E-04	3.93E-05	6.78E-06	3.57E-03	6.07E-04	2.35E-01	4.63E-02	5.45E-01	8.46E-02
2269	Gridded	3.33E-03	4.68E-04	4.75E-06	5.43E-07	1.70E-03	2.39E-04	3.59E-03	5.04E-04	3.56E-03	4.99E-04	3.32E-03	4.65E-04	4.43E-03	6.23E-04	4.43E-03	6.23E-04	6.18E-03	8.66E-04	3.59E-03	5.04E-04	6.59E-05	7.53E-06	3.33E-03	4.67E-04	4.51E-05	5.15E-06	3.34E-03	4.68E-04	2.89E-01	4.89E-02	5.69E-01	9.70E-02
2270	Gridded	3.27E-03	5.05E-04	2.99E-06	7.37E-07	1.60E-03	2.68E-04	3.46E-03	5.54E-04	3.43E-03	5.47E-04	3.26E-03	5.02E-04	4.08E-03	7.16E-04	4.08E-03	7.16E-04	6.05E-03	9.34E-04	3.46E-03	5.54E-04	4.14E-05	1.02E-05	3.26E-03	5.04E-04	2.83E-05	6.99E-06	3.27E-03	5.05E-04	3.16E-01	4.37E-02	7.27E-01	8.72E-02
2271	Gridded	3.10E-03	5.99E-04	3.22E-06	7.01E-07	1.50E-03	3.06E-04	3.26E-03	6.47E-04	3.24E-03	6.40E-04	3.09E-03	5.97E-04	3.78E-03	8.00E-04	3.78E-03	8.00E-04	5.74E-03	1.11E-03	3.26E-03	6.47E-04	4.47E-05	9.73E-06	3.09E-03	5.98E-04	3.06E-05	6.66E-06	3.10E-03	6.00E-04	1.84E-01	4.47E-02	4.63E-01	7.14E-02
2272	Gridded	2.76E-03	5.83E-04	2.58E-06	7.49E-07	1.35E-03	3.03E-04	2.90E-03	6.33E-04	2.88E-03	6.26E-04	2.76E-03	5.80E-04	3.46E-03	7.97E-04	3.46E-03	7.97E-04	5.12E-03	1.08E-03	2.90E-03	6.33E-04	3.58E-05	1.04E-05	2.76E-03	5.81E-04	2.45E-05	7.11E-06	2.76E-03	5.83E-04	1.63E-01	3.74E-02	4.34E-01	5.66E-02
2273	Gridded	3.09E-03	6.79E-04	2.98E-06	8.07E-07	1.49E-03	3.48E-04	3.22E-03	7.34E-04	3.21E-03	7.26E-04	3.09E-03	6.76E-04	3.84E-03	9.11E-04	3.84E-03	9.11E-04	5.74E-03	1.26E-03	3.22E-03	7.34E-04	4.13E-05	1.12E-05	3.09E-03	6.78E-04	2.83E-05	7.66E-06	3.10E-03	6.80E-04	1.76E-01	4.48E-02	4.28E-01	8.17E-02
2274	Gridded	8.67E-03	7.25E-04	1.10E-05	6.85E-07	4.50E-03	3.59E-04	9.42E-03	7.71E-04	9.31E-03	7.64E-04	8.63E-03	7.22E-04	1.18E-02	9.21E-04	1.18E-02	9.21E-04	1.61E-02	1.34E-03	9.42E-03	7.71E-04	1.53E-04	9.50E-06	8.66E-03	7.24E-04	1.05E-04	6.50E-06	8.68E-03	7.25E-04	2.56E-01	5.01E-02	5.22E-01	6.56E-02
2275	Gridded	6.16E-03	6.56E-04	6.53E-06	8.66E-07	3.10E-03	3.04E-04	6.60E-03	6.78E-04	6.53E-03	6.74E-04	6.13E-03	6.54E-04	8.03E-03	7.52E-04	8.03E-03	7.52E-04	1.14E-02	1.22E-03	6.60E-03	6.78E-04	9.06E-05	1.20E-05	6.15E-03	6.55E-04	6.20E-05	8.22E-06	6.16E-03	6.56E-04	3.33E-01	6.26E-02	4.79E-01	1.15E-01
2276	Gridded	4.54E-03	6.89E-04	6.22E-06	6.18E-07	2.32E-03	3.39E-04	4.80E-03	7.31E-04	4.74E-03	7.25E-04	4.53E-03	6.87E-04	6.16E-03	8.67E-04	6.16E-03	8.67E-04	8.42E-03	1.28E-03	4.80E-03	7.31E-04	8.63E-05	8.58E-06	4.54E-03	6.88E-04	5.91E-05	5.87E-06	4.54E-03	6.90E-04	4.37E-01	4.86E-02	6.55E-01	6.64E-02
2277	Gridded	3.83E-03	6.17E-04	4.59E-06	6.21E-07	1.94E-03	3.07E-04	4.11E-03	6.57E-04	4.07E-03	6.51E-04	3.81E-03	6.15E-04	5.05E-03	7.88E-04	5.05E-03	7.88E-04	7.09E-03	1.14E-03	4.11E-03	6.57E-04	6.36E-05	8.61E-06	3.82E-03	6.16E-04	4.35E-05	5.89E-06	3.83E-03	6.17E-04	4.54E-01	4.67E-02	1.38E+00	8.41E-02
2278	Gridded	4.03E-03	6.56E-04	3.83E-06	5.78E-07	1.92E-03	3.22E-04	4.22E-03	6.95E-04	4.19E-03	6.89E-04	4.02E-03	6.54E-04	4.81E-03	8.22E-04	4.81E-03	8.22E-04	7.48E-03	1.22E-03	4.22E-03	6.95E-04	5.31E-05	8.02E-06	4.03E-03	6.55E-04	3.64E-05	5.49E-06	4.04E-03	6.56E-04	3.75E-01	4.29E-02	9.33E-01	1.00E-01
2279	Gridded	4.00E-03	5.33E-04	4.40E-06	5.53E-07	2.03E-03	2.67E-04	4.30E-03	5.71E-04	4.26E-03	5.65E-04	3.99E-03	5.31E-04	5.26E-03	6.91E-04	5.26E-03	6.91E-04	7.42E-03	9.88E-04	4.30E-03	5.71E-04	6.10E-05	7.67E-06	4.00E-03	5.33E-04	4.18E-05	5.25E-06	4.01E-03	5.34E-04	1.93E-01	3.66E-02	5.04E-01	5.84E-02
2280	Gridded	4.90E-03	5.48E-04	4.42E-06	5.64E-07	2.33E-03	2.64E-04	5.12E-03	5.76E-04	5.09E-03	5.72E-04	4.88E-03	5.47E-04	5.84E-03	6.68E-04	5.84E-03	6.68E-04	9.08E-03	1.02E-03	5.12E-03	5.76E-04	6.13E-05	7.82E-06	4.89E-03	5.48E-04	4.20E-05	5.35E-06	4.90E-03	5.49E-04	2.40E-01	3.96E-02	5.69E-01	6.18E-02
2281	Gridded	5.03E-03	7.60E-04	4.16E-06	7.62E-07	2.43E-03	3.80E-04	5.29E-03	8.11E-04	5.25E-03	8.04E-04	5.01E-03	7.57E-04	6.14E-03	9.78E-04	6.14E-03	9.78E-04	9.32E-03	1.41E-03	5.29E-03	8.11E-04	5.77E-05	1.06E-05	5.02E-03	7.59E-04	3.95E-05	7.23E-06	5.03E-03	7.61E-04	2.59E-01	3.67E-02	5.72E-01	7.78E-02
2282	Gridded	4.70E-03	7.98E-04	4.29E-06	7.34E-07	2.31E-03	3.94E-04	4.98E-03	8.47E-04	4.94E-03	8.40E-04	4.69E-03	7.95E-04	5.92E-03	1.01E-03	5.92E-03	1.01E-03	8.72E-03	1.48E-03	4.98E-03	8.47E-04	5.96E-05	1.02E-05	4.70E-03	7.97E-04	4.08E-05	6.96E-06	4.71E-03	7.98E-04	2.92E-01	4.03E-02	4.71E-01	6.06E-02
2283	Gridded	4.77E-03	6.88E-04	4.10E-06	7.40E-07	2.31E-03	3.38E-04	5.03E-03	7.22E-04	4.99E-03	7.17E-04	4.76E-03	6.86E-04	5.86E-03	8.80E-04	5.86E-03	8.80E-04	8.84E-03	1.28E-03	5.03E-03	7.22E-04	5.68E-05	1.03E-05	4.76E-03	6.88E-04	3.89E-05	7.02E-06	4.77E-03	6.89E-04	2.46E-01	4.02E-02	3.85E-01	5.97E-02
2284	Gridded	4.41E-03	8.94E-04	4.17E-06	8.71E-07	2.19E-03	4.45E-04	4.70E-03	9.53E-04	4.66E-03	9.44E-04	4.40E-03	8.91E-04	5.61E-03	1.14E-03	5.61E-03	1.14E-03	8.18E-03	1.66E-03	4.70E-03	9.53E-04	5.78E-05	1.21E-05	4.41E-03	8.93E-04	3.96E-05	8.26E-06	4.42E-03	8.95E-04	2.44E-01	4.00E-02	4.52E-01	4.95E-02
2285	Gridded	4.66E-03	8.19E-04	4.89E-06	7.39E-07	2.28E-03	4.03E-04	4.93E-03	8.69E-04	4.89E-03	8.62E-04	4.64E-03	8.16E-04	5.80E-03	1.03E-03	5.80E-03	1.03E-03	8.63E-03	1.52E-03	4.93E-03	8.69E-04	6.78E-05	1.02E-05	4.65E-03	8.18E-04	4.64E-05	7.01E-06	4.66E-03	8.20E-04	2.39E-01	4.24E-02	5.25E-01	5.63E-02
2286	Gridded	5.86E-03	7.26E-04	4.58E-06	6.71E-07	2.83E-03	3.58E-04	6.17E-03	7.71E-04	6.12E-03	7.65E-04	5.84E-03	7.23E-04	7.17E-03	9.18E-04	7.17E-03	9.18E-04	1.09E-02	1.35E-03	6.17E-03	7.71E-04	6.35E-05	9.31E-06	5.85E-03	7.25E-04	4.35E-05	6.37E-06	5.86E-03	7.26E-04	2.50E-01	4.66E-02	4.87E-01	6.05E-02
2287	Gridded	5.51E-03	7.21E-04	4.53E-06	6.65E-07	2.55E-03	3.52E-04	5.69E-03	7.62E-04	5.66E-03	7.56E-04	5.50E-03	7.19E-04	6.26E-03	8.95E-04	6.26E-03	8.95E-04	1.02E-02	1.34E-03	5.69E-03	7.62E-04	6.28E-05	9.22E-06	5.50E-03	7.20E-04	4.30E-05	6.31E-06	5.51E-03	7.22E-04	2.94E-01	4.71E-02	3.79E-01	6.93E-02
2288	Gridded	5.49E-03	7.88E-04	6.44E-06	7.81E-07	2.81E-03	3.93E-04	5.93E-03	8.41E-04	5.87E-03	8.33E-04	5.47E-03	7.85E-04	7.34E-03	1.01E-03	7.34E-03	1.01E-03	1.02E-02	1.46E-03	5.93E-03	8.41E-04	8.94E-05	1.08E-05	5.48E-03	7.87E-04	6.11E-05	7.41E-06	5.50E-03	7.89E-04	3.36E-01	4.05E-02	4.23E-01	6.43E-02
2289	Gridded	7.70E-03	9.14E-04	8.57E-06	7.74E-07	3.90E-03	4.45E-04	8.28E-03	9.65E-04	8.20E-03	9.58E-04	7.67E-03	9.11E-04	1.02E-02	1.13E-03	1.02E-02	1.13E-03	1.43E-02	1.69E-03	8.28E-03	9.65E-04	1.19E-04	1.07E-05	7.69E-03	9.13E-04	8.13E-05	7.35E-06	7.71E-03	9.15E-04	4.03E-01	4.53E-02	4.84E-01	6.26E-02
2290	Gridded	7.49E-03	7.14E-04	8.60E-06	7.43E-07	3.82E-03	3.59E-04	8.07E-03	7.64E-04	7.99E-03	7.57E-04	7.45E-03	7.11E-04	9.95E-03	9.27E-04	9.95E-03	9.27E-04	1.39E-02	1.32E-03	8.07E-03	7.64E-04	1.19E-04	1.03E-05	7.47E-03	7.13E-04	8.16E-05	7.05E-06	7.49E-03	7.15E-04	4.02E-01	3.91E-02	4.90E-01	5.27E-02
2291	Gridded	5.25E-03	5.75E-04	6.48E-06	5.91E-07	2.71E-03	2.88E-04	5.69E-03	6.15E-04	5.63E-03	6.09E-04	5.23E-03	5.73E-04	7.11E-03	7.44E-04	7.11E-03	7.44E-04	9.72E-03	1.06E-03	5.69E-03	6.15E-04	8.99E-05	8.19E-06	5.24E-03	5.74E-04	6.15E-05	5.60E-06	5.26E-03	5.75E-04	4.50E-01	3.75E-02	5.52E-01	4.87E-02
2292	Gridded	6.78E-03	5.66E-04	6.24E-06	5.33E-07	3.34E-03	2.80E-04	7.20E-03	6.02E-04	7.14E-03	5.97E-04	6.75E-03	5.64E-04	8.56E-03	7.19E-04	8.56E-03	7.19E-04	1.26E-02	1.05E-03	7.20E-03	6.02E-04	8.66E-05	7.39E-06	6.77E-03	5.65E-04	5.92E-05	5.06E-06	6.78E-03	5.66E-04	5.13E-01	3.84E-02	7.58E-01	5.75E-02
2293	Gridded	4.97E-03	4.10E-04	5.65E-06	4.10E-07	2.40E-03	2.05E-04	5.23E-03	4.37E-04	5.19E-03	4.33E-04	4.95E-03	4.08E-04	6.13E-03	5.27E-04	6.13E-03	5.27E-04	9.21E-03	7.59E-04	5.23E-03	4.37E-04	7.84E-05	5.68E-06	4.96E-03	4.09E-04	5.36E-05	3.89E-06	4.97E-03	4.10E-04	3.64E-01	3.13E-02	5.09E-01	4.80E-02
2294	Gridded	3.18E-03	3.36E-04	3.79E-06	3.76E-07	1.63E-03	1.69E-04	3.44E-03	3.60E-04	3.40E-03	3.56E-04	3.17E-03	3.35E-04	4.27E-03	4.35E-04	4.27E-03	4.35E-04	5.90E-03	6.23E-04	3.44E-03	3.60E-04	5.25E-05	5.21E-06	3.18E-03	3.36E-04	3.59E-05	3.57E-06	3.19E-03	3.37E-04	2.97E-01	3.19E-02	4.04E-01	4.37E-02
2295	Gridded	3.97E-03	3.95E-04	3.32E-06	4.83E-07	1.93E-03	2.03E-04	4.19E-03	4.28E-04	4.16E-03	4.23E-04	3.96E-03	3.93E-04	4.90E-03	5.34E-04	4.90E-03	5.34E-04	7.36E-03	7.31E-04	4.19E-03	4.28E-04	4.61E-05	6.71E-06	3.96E-03	3.94E-04	3.15E-05	4.59E-06	3.97E-03	3.95E-04	2.97E-01	3.44E-02	4.32E-01	5.21E-02
2296	Gridded	3.45E-03	4.49E-04	4.72E-06	5.71E-07	1.66E-03	2.33E-04	3.61E-03	4.87E-04	3.59E-03	4.82E-04	3.44E-03	4.46E-04	4.45E-03	6.12E-04	4.45E-03	6.12E-04	6.40E-03	8.31E-04	3.61E-03	4.87E-04	6.55E-05	7.93E-06	3.45E-03	4.48E-04	4.48E-05	5.42E-06	3.46E-03	4.49E-04	2.61E-01	4.48E-02	5.62E-01	1.02E-01
2297	Gridded	3.73E-03	6.21E-04	3.76E-06	7.83E-07	1.83E-03	3.22E-04	3.96E-03	6.74E-04	3.92E-03	6.67E-04	3.72E-03	6.19E-04	4.69E-03	8.46E-04	4.69E-03	8.46E-04	6.91E-03	1.15E-03	3.96E-03	6.74E-04	5.22E-05	1.09E-05	3.72E-03	6.20E-04	3.57E-05	7.43E-06	3.73E-03	6.22E-04	1.97E-01	4.27E-02	5.34E-01	7.58E-02
2298	Gridded	3.92E-03	7.19E-04	4.42E-06	8.49E-07	1.96E-03	3.68E-04	4.19E-03	7.76E-04	4.15E-03	7.68E-04	3.91E-03	7.16E-04	5.05E-03	9.62E-04	5.05E-03	9.62E-04	7.26E-03	1.33E-03	4.19E-03	7.76E-04	6.13E-05	1.18E-05	3.91E-03	7.18E-04	4.20E-05	8.05E-06	3.92E-03	7.20E-04	2.07E-01	4.16E-02	6.37E-01	6.67E-02
2299	Gridded	3.38E-03	5.39E-04	3.66E-06	7.95E-07	1.70E-03	2.87E-04	3.62E-03	5.92E-04	3.59E-03	5.85E-04	3.37E-03	5.36E-04	4.39E-03	7.66E-04	4.39E-03	7.66E-04	6.27E-03	9.97E-04	3.62E-03	5.92E-04	5.07E-05	1.10E-05	3.38E-03	5.38E-04	3.47E-05	7.54E-06	3.39E-03	5.39E-04	2.45E-01	4.03E-02	5.49E-01	8.19E-02
2300	Gridded	3.16E-03	5.32E-04	3.61E-06	7.07E-07	1.59E-03	2.56E-04	3.39E-03	5.49E-04	3.35E-03	5.46E-04	3.15E-03	5.31E-04	4.11E-03	6.83E-04	4.11E-03	6.83E-04	5.86E-03	9.87E-04	3.39E-03	5.49E-04	5.01E-05	9.81E-06	3.16E-03	5.32E-04	3.43E-05	6.71E-06	3.17E-03	5.32E-04	2.31E-01	4.94E-02	4.66E-01	9.04E-02
2301	Gridded	5.98E-03	8.11E-04	3.44E-06	6.30E-07	2.69E-03	3.85E-04	6.10E-03	8.47E-04	6.08E-03	8.42E-04	5.97E-03	8.09E-04	6.49E-03	9.63E-04	6.49E-03	9.63E-04	1.11E-02	1.50E-03	6.10E-03	8.47E-04	4.77E-05	8.74E-06	5.98E-03	8.10E-04	3.26E-05	5.98E-06	5.98E-03	8.11E-04	1.70E-01	5.73E-02	4.27E-01	1.17E-01
2302	Gridded	5.66E-03	7.62E-04	4.96E-06	9.21E-07	2.78E-03	3.92E-04	5.99E-03	8.25E-04	5.95E-03	8.16E-04	5.64E-03	7.59E-04	7.08E-03	1.03E-03	7.08E-03	1.03E-03	1.05E-02	1.41E-03	5.99E-03	8.25E-04	6.89E-05	1.28E-05	5.65E-03	7.61E-04	4.71E-05	8.74E-06	5.66E-03	7.63E-04	2.24E-01	6.40E-02	4.72E-01	1.18E-01
2303	Gridded	5.80E-03	7.45E-04	8.98E-06	1.24E-06	2.85E-03	3.83E-04	6.15E-03	8.06E-04	6.10E-03	7.98E-04	5.78E-03	7.42E-04	7.28E-03	1.00E-03	7.28E-03	1.00E-03	1.07E-02	1.38E-03	6.15E-03	8.06E-04	1.24E-04	1.72E-05	5.79E-03	7.44E-04	8.52E-05	1.18E-05	5.80E-03	7.46E-04	3.13E-01	7.27E-02	6.45E-01	1.27E-01
2304	Gridded	4.34E-03	8.42E-04	6.48E-06	1.09E-06	2.19E-03	4.38E-04	4.66E-03	9.15E-04	4.62E-03	9.05E-04	4.33E-03	8.38E-04	5.69E-03	1.15E-03	5.69E-03	1.15E-03	8.05E-03	1.56E-03	4.66E-03	9.15E-04	8.98E-05	1.51E-05	4.34E-03	8.40E-04	6.15E-05	1.03E-05	4.35E-03	8.43E-04	3.71E-01	5.38E-02	6.16E-01	9.51E-02
2305	Gridded	3.61E-03	6.96E-04	3.98E-06	8.96E-07	1.77E-03	3.62E-04	3.82E-03	7.57E-04	3.79E-03	7.48E-04	3.60E-03	6.93E-04	4.50E-03	9.53E-04	4.50E-03	9.53E-04	6.69E-03	1.29E-03	3.82E-03	7.57E-04	5.52E-05	1.24E-05	3.60E-03	6.95E-04	3.78E-05	8.50E-06	3.61E-03	6.97E-04	3.05E-01	3.81E-02	6.12E-01	6.66E-02
2306	Gridded	3.82E-03	7.74E-04	6.81E-06	6.34E-07	2.12E-03	3.66E-04	4.28E-03	8.07E-04	4.21E-03	8.02E-04	3.79E-03	7.72E-04	5.77E-03	9.15E-04	5.77E-03	9.15E-04	7.06E-03	1.43E-03	4.28E-03	8.07E-04	9.45E-05	8.79E-06	3.81E-03	7.73E-04	6.46E-05	6.01E-06	3.82E-03	7.74E-04	2.67E-01	5.21E-02	6.60E-01	8.01E-02
2307	Gridded	4.92E-03	9.75E-04	4.20E-06	9.44E-07	2.41E-03	4.84E-04	5.20E-03	1.04E-03	5.16E-03	1.03E-03	4.90E-03	9.71E-04	6.12E-03	1.25E-03	6.12E-03	1.25E-03	9.12E-03	1.81E-03	5.20E-03	1.04E-03	5.83E-05	1.31E-05	4.91E-03	9.73E-04	3.99E-05	8.95E-06	4.92E-03	9.76E-04	3.11E-01	6.73E-02	6.86E-01	1.36E-01
2308	Gridded	3.26E-03	6.80E-04	4.12E-06	1.03E-06	1.63E-03	3.49E-04	3.49E-03	7.35E-04	3.45E-03	7.27E-04	3.25E-03	6.77E-04	4.22E-03	9.14E-04	4.22E-03	9.14E-04	6.04E-03	1.26E-03	3.49E-03	7.35E-04	5.72E-05	1.42E-05	3.25E-03	6.79E-04	3.91E-05	9.74E-06	3.26E-03	6.81E-04	2.69E-01	6.92E-02	7.63E-01	1.46E-01
2309	Gridded	3.44E-03	5.53E-04	3.51E-06	6.87E-07	1.71E-03	2.86E-04	3.67E-03	6.00E-04	3.64E-03	5.93E-04	3.43E-03	5.51E-04	4.41E-03	7.50E-04	4.41E-03	7.50E-04	6.38E-03	1.02E-03	3.67E-03	6.00E-04	4.86E-05	9.52E-06	3.44E-03	5.52E-04	3.33E-05	6.52E-06	3.44E-03	5.54E-04	2.62E-01	5.90E-02	6.60E-01	7.50E-02
2310	Gridded	3.43E-03	3.47E-04	3.54E-06	4.02E-07	1.72E-03	1.77E-04	3.66E-03	3.74E-04	3.63E-03	3.70E-04	3.41E-03	3.45E-04	4.44E-03	4.62E-04	4.44E-03	4.62E-04	6.35E-03	6.42E-04	3.66E-03	3.74E-04	4.90E-05	5.58E-06	3.42E-03	3.46E-04	3.35E-05	3.82E-06	3.43E-03	3.47E-04	1.99E-01	3.57E-02	4.95E-01	6.93E-02
2311	Gridded	3.23E-03	4.25E-04	2.55E-06	5.05E-07	1.56E-03	2.18E-04	3.40E-03	4.60E-04	3.38E-03	4.55E-04	3.22E-03	4.24E-04	3.96E-03	5.70E-04	3.96E-03	5.70E-04	5.99E-03	7.88E-04	3.40E-03	4.60E-04	3.54E-05	7.01E-06	3.23E-03	4.25E-04	2.42E-05	4.79E-06	3.23E-03	4.26E-04	1.81E-01	3.57E-02	4.18E-01	7.84E-02
2312	Gridded	2.18E-03	3.75E-04	2.84E-06	4.63E-07	1.10E-03	1.93E-04	2.34E-03	4.06E-04	2.32E-03	4.02E-04	2.17E-03	3.73E-04	2.86E-03	5.08E-04	2.86E-03	5.08E-04	4.04E-03	6.94E-04	2.34E-03	4.06E-04	3.93E-05	6.43E-06	2.18E-03	3.74E-04	2.69E-05	4.40E-06	2.18E-03	3.75E-04	1.34E-01	3.31E-02	4.06E-01	7.10E-02
2313	Gridded	2.51E-03	3.79E-04	2.54E-06	4.10E-07	1.08E-03	1.91E-04	2.51E-03	4.07E-04	2.51E-03	4.03E-04	2.51E-03	3.78E-04	2.67E-03	4.95E-04	2.67E-03	4.95E-04	4.66E-03	7.03E-04	2.51E-03	4.07E-04	3.52E-05	5.68E-06	2.51E-03	3.79E-04	2.41E-05	3.89E-06	2.51E-03	3.80E-04	1.55E-01	3.18E-02	3.73E-01	4.73E-02
2314	Gridded	2.81E-03	4.03E-04	2.10E-06	4.47E-07	1.23E-03	2.04E-04	2.83E-03	4.33E-04	2.83E-03	4.29E-04	2.81E-03	4.01E-04	2.90E-03	5.31E-04	2.90E-03	5.31E-04	5.22E-03	7.47E-04	2.83E-03	4.33E-04	2.92E-05	6.20E-06	2.81E-03	4.02E-04	2.00E-05	4.24E-06	2.81E-03	4.03E-04	1.75E-01	2.89E-02	3.95E-01	4.64E-02
2315	Gridded	3.37E-03	3.74E-04	3.95E-06	4.33E-07	1.54E-03	1.90E-04	3.46E-03	4.02E-04	3.45E-03	3.98E-04	3.37E-03	3.72E-04	3.79E-03	4.96E-04	3.79E-03	4.96E-04	6.26E-03	6.92E-04	3.46E-03	4.02E-04	5.47E-05	6.01E-06	3.37E-03	3.73E-04	3.74E-05	4.11E-06	3.37E-03	3.74E-04	2.22E-01	3.25E-02	4.65E-01	4.92E-02
2316	Gridded	4.41E-03	3.78E-04	5.70E-06	4.42E-07	2.29E-03	1.93E-04	4.79E-03	4.08E-04	4.74E-03	4.04E-04	4.39E-03	3.76E-04	6.04E-03	5.05E-04	6.04E-03	5.05E-04	8.16E-03	7.00E-04	4.79E-03	4.08E-04	7.90E-05	6.13E-06	4.40E-03	3.77E-04	5.41E-05	4.19E-06	4.41E-03	3.78E-04	3.25E-01	4.11E-02	7.46E-01	6.62E-02
2317	Gridded	2.99E-03	3.13E-04	4.35E-06	4.84E-07	1.56E-03	1.62E-04	3.26E-03	3.39E-04	3.22E-03	3.36E-04	2.98E-03	3.12E-04	4.11E-03	4.24E-04	4.11E-03	4.24E-04	5.54E-03	5.80E-04	3.26E-03	3.39E-04	6.04E-05	6.71E-06	2.99E-03	3.13E-04	4.13E-05	4.59E-06	3.00E-03	3.14E-04	2.74E-01	3.19E-02	4.76E-01	5.06E-02
2318	Gridded	2.54E-03	4.34E-04	3.94E-06	5.43E-07	1.25E-03	2.24E-04	2.69E-03	4.71E-04	2.67E-03	4.65E-04	2.53E-03	4.32E-04	3.19E-03	5.89E-04	3.19E-03	5.89E-04	4.70E-03	8.03E-04	2.69E-03	4.71E-04	5.46E-05	7.53E-06	2.53E-03	4.33E-04	3.73E-05	5.15E-06	2.54E-03	4.34E-04	1.78E-01	2.71E-02	4.31E-01	4.84E-02
2319	Gridded	3.32E-03	5.32E-04	4.04E-06	6.22E-07	1.65E-03	2.72E-04	3.54E-03	5.74E-04	3.51E-03	5.69E-04	3.31E-03	5.30E-04	4.23E-03	7.11E-04	4.23E-03	7.11E-04	6.15E-03	9.86E-04	3.54E-03	5.74E-04	5.61E-05	8.63E-06	3.32E-03	5.32E-04	3.84E-05	5.90E-06	3.32E-03	5.33E-04	2.03E-01	3.98E-02	4.61E-01	6.74E-02
2320	Gridded	3.10E-03	4.14E-04	3.77E-06	4.86E-07	1.59E-03	2.11E-04	3.35E-03	4.46E-04	3.31E-03	4.41E-04	3.09E-03	4.12E-04	4.14E-03	5.51E-04	4.14E-03	5.51E-04	5.74E-03	7.66E-04	3.35E-03	4.46E-04	5.22E-05	6.74E-06	3.10E-03	4.13E-04	3.57E-05	4.61E-06	3.10E-03	4.14E-04	2.68E-01	4.09E-02	5.01E-01	8.03E-02
2321	Gridded	2.53E-03	4.55E-04	2.83E-06	6.66E-07	1.24E-03	2.42E-04	2.68E-03	5.00E-04	2.66E-03	4.94E-04	2.52E-03	4.53E-04	3.14E-03	6.46E-04	3.14E-03	6.46E-04	4.69E-03	8.42E-04	2.68E-03	5.00E-04	3.92E-05	9.24E-06	2.53E-03	4.54E-04	2.68E-05	6.32E-06	2.53E-03	4.56E-04	2.67E-01	3.65E-02	6.14E-01	7.24E-02
2322	Gridded	2.95E-03	5.55E-04	2.85E-06	6.45E-07	1.43E-03	2.83E-04	3.10E-03	5.98E-04	3.08E-03	5.92E-04	2.94E-03	5.52E-04	3.62E-03	7.40E-04	3.62E-03	7.40E-04	5.46E-03	1.03E-03	3.10E-03	5.98E-04	3.95E-05	8.95E-06	2.94E-03	5.54E-04	2.70E-05	6.12E-06	2.95E-03	5.55E-04	1.68E-01	4.17E-02	4.15E-01	6.33E-02
2323	Gridded	2.57E-03	5.40E-04	2.39E-06	6.89E-07	1.23E-03	2.80E-04	2.70E-03	5.86E-04	2.68E-03	5.80E-04	2.57E-03	5.37E-04	3.10E-03	7.37E-04	3.10E-03	7.37E-04	4.77E-03	9.99E-04	2.70E-03	5.86E-04	3.31E-05	9.55E-06	2.57E-03	5.39E-04	2.27E-05	6.54E-06	2.58E-03	5.40E-04	1.44E-01	3.48E-02	4.07E-01	5.34E-02
2324	Gridded	3.09E-03	6.19E-04	2.81E-06	7.35E-07	1.48E-03	3.17E-04	3.24E-03	6.68E-04	3.22E-03	6.61E-04	3.08E-03	6.16E-04	3.71E-03	8.29E-04	3.71E-03	8.29E-04	5.73E-03	1.15E-03	3.24E-03	6.68E-04	3.90E-05	1.02E-05	3.09E-03	6.18E-04	2.67E-05	6.98E-06	3.09E-03	6.19E-04	1.63E-01	4.13E-02	4.05E-01	7.72E-02
2325	Gridded	6.95E-03	7.03E-04	8.57E-06	7.09E-07	3.58E-03	3.52E-04	7.53E-03	7.51E-04	7.45E-03	7.44E-04	6.92E-03	7.01E-04	9.40E-03	9.06E-04	9.40E-03	9.06E-04	1.29E-02	1.30E-03	7.53E-03	7.51E-04	1.19E-04	9.83E-06	6.94E-03	7.02E-04	8.13E-05	6.73E-06	6.96E-03	7.04E-04	2.25E-01	4.63E-02	4.34E-01	5.94E-02
2326	Gridded	5.53E-03	6.70E-04	7.29E-06	8.38E-07	2.88E-03	3.16E-04	6.02E-03	6.97E-04	5.95E-03	6.93E-04	5.50E-03	6.68E-04	7.61E-03	8.11E-04	7.61E-03	8.11E-04	1.02E-02	1.24E-03	6.02E-03	6.97E-04	1.01E-04	1.16E-05	5.51E-03	6.69E-04	6.92E-05	7.95E-06	5.53E-03	6.70E-04	2.54E-01	5.36E-02	4.32E-01	9.43E-02
2327	Gridded	5.07E-03	6.30E-04	6.53E-06	6.23E-07	2.64E-03	3.14E-04	5.52E-03	6.72E-04	5.45E-03	6.67E-04	5.05E-03	6.28E-04	6.95E-03	8.09E-04	6.95E-03	8.09E-04	9.39E-03	1.17E-03	5.52E-03	6.72E-04	9.06E-05	8.64E-06	5.07E-03	6.29E-04	6.20E-05	5.91E-06	5.08E-03	6.31E-04	3.89E-01	4.71E-02	3.94E-01	7.20E-02
2328	Gridded	4.13E-03	5.73E-04	3.50E-06	5.87E-07	2.02E-03	2.87E-04	4.37E-03	6.12E-04	4.33E-03	6.07E-04	4.12E-03	5.71E-04	5.13E-03	7.39E-04	5.13E-03	7.39E-04	7.66E-03	1.06E-03	4.37E-03	6.12E-04	4.85E-05	8.14E-06	4.13E-03	5.72E-04	3.32E-05	5.57E-06	4.13E-03	5.73E-04	4.43E-01	4.42E-02	1.20E+00	8.05E-02
2329	Gridded	3.11E-03	5.75E-04	4.19E-06	5.32E-07	1.51E-03	2.81E-04	3.27E-03	6.08E-04	3.25E-03	6.03E-04	3.10E-03	5.73E-04	3.81E-03	7.14E-04	3.81E-03	7.14E-04	5.76E-03	1.07E-03	3.27E-03	6.08E-04	5.81E-05	7.38E-06	3.11E-03	5.75E-04	3.98E-05	5.05E-06	3.11E-03	5.76E-04	4.30E-01	4.01E-02	1.23E+00	8.21E-02
2330	Gridded	3.77E-03	5.32E-04	3.56E-06	5.09E-07	1.72E-03	2.57E-04	3.86E-03	5.59E-04	3.85E-03	5.55E-04	3.76E-03	5.30E-04	4.31E-03	6.48E-04	4.31E-03	6.48E-04	6.99E-03	9.85E-04	3.86E-03	5.59E-04	4.93E-05	7.05E-06	3.76E-03	5.31E-04	3.38E-05	4.83E-06	3.77E-03	5.32E-04	2.45E-01	3.63E-02	4.99E-01	7.20E-02
2331	Gridded	4.25E-03	5.44E-04	4.03E-06	5.05E-07	2.10E-03	2.67E-04	4.52E-03	5.77E-04	4.48E-03	5.72E-04	4.23E-03	5.43E-04	5.40E-03	6.82E-04	5.40E-03	6.82E-04	7.87E-03	1.01E-03	4.52E-03	5.77E-04	5.59E-05	7.00E-06	4.24E-03	5.44E-04	3.83E-05	4.79E-06	4.25E-03	5.45E-04	1.82E-01	3.60E-02	4.95E-01	5.49E-02
2332	Gridded	4.24E-03	5.94E-04	4.22E-06	6.31E-07	2.05E-03	2.99E-04	4.46E-03	6.36E-04	4.43E-03	6.30E-04	4.23E-03	5.91E-04	5.21E-03	7.74E-04	5.21E-03	7.74E-04	7.86E-03	1.10E-03	4.46E-03	6.36E-04	5.86E-05	8.75E-06	4.24E-03	5.93E-04	4.01E-05	5.99E-06	4.24E-03	5.94E-04	2.39E-01	3.66E-02	5.18E-01	7.03E-02
2333	Gridded	4.77E-03	7.68E-04	4.10E-06	7.36E-07	2.27E-03	3.81E-04	4.99E-03	8.18E-04	4.96E-03	8.11E-04	4.76E-03	7.66E-04	5.70E-03	9.79E-04	5.70E-03	9.79E-04	8.85E-03	1.42E-03	4.99E-03	8.18E-04	5.69E-05	1.02E-05	4.77E-03	7.67E-04	3.89E-05	6.98E-06	4.78E-03	7.69E-04	2.70E-01	3.48E-02	4.79E-01	7.02E-02
2334	Gridded	4.58E-03	7.42E-04	3.84E-06	6.46E-07	2.21E-03	3.64E-04	4.81E-03	7.86E-04	4.78E-03	7.80E-04	4.57E-03	7.40E-04	5.57E-03	9.27E-04	5.57E-03	9.27E-04	8.49E-03	1.38E-03	4.81E-03	7.86E-04	5.32E-05	8.96E-06	4.58E-03	7.41E-04	3.64E-05	6.13E-06	4.58E-03	7.43E-04	2.69E-01	3.88E-02	4.38E-01	5.50E-02
2335	Gridded	4.46E-03	7.10E-04	3.92E-06	7.56E-07	2.15E-03	3.58E-04	4.69E-03	7.61E-04	4.66E-03	7.54E-04	4.45E-03	7.07E-04	5.44E-03	9.27E-04	5.44E-03	9.27E-04	8.28E-03	1.32E-03	4.69E-03	7.61E-04	5.43E-05	1.05E-05	4.46E-03	7.09E-04	3.72E-05	7.17E-06	4.47E-03	7.11E-04	2.27E-01	3.55E-02	3.45E-01	5.01E-02
2336	Gridded	4.01E-03	8.36E-04	3.62E-06	7.98E-07	1.97E-03	4.15E-04	4.25E-03	8.90E-04	4.22E-03	8.82E-04	3.99E-03	8.33E-04	5.05E-03	1.06E-03	5.05E-03	1.06E-03	7.43E-03	1.55E-03	4.25E-03	8.90E-04	5.02E-05	1.11E-05	4.00E-03	8.35E-04	3.44E-05	7.57E-06	4.01E-03	8.36E-04	2.27E-01	3.88E-02	4.07E-01	4.37E-02
2337	Gridded	4.29E-03	7.52E-04	5.42E-06	6.61E-07	2.22E-03	3.69E-04	4.65E-03	7.97E-04	4.60E-03	7.90E-04	4.27E-03	7.50E-04	5.84E-03	9.41E-04	5.84E-03	9.41E-04	7.94E-03	1.39E-03	4.65E-03	7.97E-04	7.52E-05	9.16E-06	4.28E-03	7.51E-04	5.15E-05	6.27E-06	4.29E-03	7.53E-04	2.19E-01	3.93E-02	4.59E-01	4.64E-02
2338	Gridded	5.90E-03	6.94E-04	4.74E-06	6.39E-07	2.86E-03	3.43E-04	6.22E-03	7.37E-04	6.17E-03	7.31E-04	5.88E-03	6.92E-04	7.26E-03	8.77E-04	7.26E-03	8.77E-04	1.09E-02	1.29E-03	6.22E-03	7.37E-04	6.57E-05	8.86E-06	5.89E-03	6.93E-04	4.50E-05	6.06E-06	5.90E-03	6.94E-04	2.33E-01	4.38E-02	3.80E-01	5.74E-02
2339	Gridded	5.52E-03	6.71E-04	4.03E-06	6.50E-07	2.56E-03	3.28E-04	5.71E-03	7.09E-04	5.68E-03	7.04E-04	5.51E-03	6.68E-04	6.33E-03	8.34E-04	6.33E-03	8.34E-04	1.02E-02	1.24E-03	5.71E-03	7.09E-04	5.59E-05	9.01E-06	5.52E-03	6.70E-04	3.83E-05	6.17E-06	5.52E-03	6.71E-04	2.72E-01	4.30E-02	3.54E-01	6.35E-02
2340	Gridded	5.48E-03	8.19E-04	6.54E-06	8.08E-07	2.81E-03	4.08E-04	5.92E-03	8.73E-04	5.86E-03	8.65E-04	5.45E-03	8.16E-04	7.35E-03	1.05E-03	7.35E-03	1.05E-03	1.01E-02	1.52E-03	5.92E-03	8.73E-04	9.07E-05	1.12E-05	5.47E-03	8.17E-04	6.21E-05	7.67E-06	5.48E-03	8.19E-04	3.34E-01	3.76E-02	4.07E-01	6.00E-02
2341	Gridded	6.26E-03	7.75E-04	7.09E-06	6.55E-07	3.18E-03	3.78E-04	6.74E-03	8.19E-04	6.67E-03	8.13E-04	6.23E-03	7.72E-04	8.29E-03	9.63E-04	8.29E-03	9.63E-04	1.16E-02	1.44E-03	6.74E-03	8.19E-04	9.83E-05	9.09E-06	6.25E-03	7.74E-04	6.72E-05	6.22E-06	6.26E-03	7.75E-04	3.52E-01	3.96E-02	4.26E-01	5.43E-02
2342	Gridded	5.22E-03	5.62E-04	5.97E-06	5.93E-07	2.66E-03	2.83E-04	5.62E-03	6.02E-04	5.56E-03	5.96E-04	5.20E-03	5.59E-04	6.93E-03	7.32E-04	6.93E-03	7.32E-04	9.66E-03	1.04E-03	5.62E-03	6.02E-04	8.27E-05	8.23E-06	5.21E-03	5.61E-04	5.66E-05	5.63E-06	5.22E-03	5.62E-04	3.18E-01	3.27E-02	4.18E-01	4.52E-02
2343	Gridded	5.20E-03	5.63E-04	6.35E-06	5.92E-07	2.68E-03	2.83E-04	5.63E-03	6.03E-04	5.57E-03	5.98E-04	5.18E-03	5.61E-04	7.02E-03	7.33E-04	7.02E-03	7.33E-04	9.63E-03	1.04E-03	5.63E-03	6.03E-04	8.81E-05	8.22E-06	5.19E-03	5.62E-04	6.03E-05	5.62E-06	5.20E-03	5.64E-04	4.15E-01	3.59E-02	4.83E-01	4.52E-02
2344	Gridded	4.69E-03	4.47E-04	4.83E-06	4.52E-07	2.35E-03	2.23E-04	5.01E-03	4.77E-04	4.97E-03	4.73E-04	4.67E-03	4.45E-04	6.07E-03	5.76E-04	6.07E-03	5.76E-04	8.68E-03	8.27E-04	5.01E-03	4.77E-04	6.70E-05	6.27E-06	4.68E-03	4.46E-04	4.59E-05	4.29E-06	4.69E-03	4.47E-04	3.71E-01	3.07E-02	5.02E-01	4.52E-02
2345	Gridded	4.09E-03	3.26E-04	3.64E-06	3.08E-07	2.01E-03	1.62E-04	4.33E-03	3.47E-04	4.30E-03	3.44E-04	4.07E-03	3.25E-04	5.13E-03	4.15E-04	5.13E-03	4.15E-04	7.57E-03	6.05E-04	4.33E-03	3.47E-04	5.05E-05	4.27E-06	4.08E-03	3.26E-04	3.46E-05	2.92E-06	4.09E-03	3.27E-04	2.64E-01	2.82E-02	3.82E-01	4.40E-02
2346	Gridded	3.31E-03	3.28E-04	3.65E-06	3.33E-07	1.60E-03	1.64E-04	3.48E-03	3.50E-04	3.45E-03	3.47E-04	3.30E-03	3.27E-04	4.03E-03	4.23E-04	4.03E-03	4.23E-04	6.13E-03	6.08E-04	3.48E-03	3.50E-04	5.07E-05	4.61E-06	3.30E-03	3.27E-04	3.47E-05	3.16E-06	3.31E-03	3.28E-04	2.78E-01	2.99E-02	3.60E-01	4.37E-02
2347	Gridded	3.33E-03	5.20E-04	2.98E-06	6.74E-07	1.63E-03	2.71E-04	3.52E-03	5.66E-04	3.49E-03	5.59E-04	3.32E-03	5.18E-04	4.14E-03	7.13E-04	4.14E-03	7.13E-04	6.17E-03	9.63E-04	3.52E-03	5.66E-04	4.13E-05	9.34E-06	3.32E-03	5.19E-04	2.82E-05	6.39E-06	3.33E-03	5.21E-04	1.57E-01	3.75E-02	5.03E-01	5.99E-02
2348	Gridded	3.19E-03	4.76E-04	3.32E-06	6.13E-07	1.60E-03	2.47E-04	3.41E-03	5.17E-04	3.38E-03	5.12E-04	3.18E-03	4.74E-04	4.11E-03	6.52E-04	4.11E-03	6.52E-04	5.92E-03	8.81E-04	3.41E-03	5.17E-04	4.60E-05	8.50E-06	3.19E-03	4.75E-04	3.15E-05	5.82E-06	3.20E-03	4.77E-04	1.79E-01	3.63E-02	5.09E-01	6.19E-02
2349	Gridded	3.76E-03	6.22E-04	3.88E-06	8.53E-07	1.87E-03	3.27E-04	3.99E-03	6.80E-04	3.96E-03	6.71E-04	3.75E-03	6.19E-04	4.84E-03	8.66E-04	4.84E-03	8.66E-04	6.97E-03	1.15E-03	3.99E-03	6.80E-04	5.39E-05	1.18E-05	3.76E-03	6.21E-04	3.68E-05	8.09E-06	3.77E-03	6.23E-04	2.46E-01	4.29E-02	5.24E-01	7.67E-02
2350	Gridded	3.12E-03	5.28E-04	3.45E-06	6.47E-07	1.57E-03	2.43E-04	3.35E-03	5.44E-04	3.31E-03	5.42E-04	3.11E-03	5.27E-04	4.08E-03	6.31E-04	4.08E-03	6.31E-04	5.78E-03	9.79E-04	3.35E-03	5.44E-04	4.78E-05	8.97E-06	3.12E-03	5.27E-04	3.27E-05	6.14E-06	3.12E-03	5.28E-04	2.14E-01	4.71E-02	4.37E-01	8.68E-02
2351	Gridded	5.97E-03	8.12E-04	3.43E-06	6.29E-07	2.69E-03	3.85E-04	6.10E-03	8.47E-04	6.08E-03	8.42E-04	5.96E-03	8.10E-04	6.51E-03	9.63E-04	6.51E-03	9.63E-04	1.11E-02	1.51E-03	6.10E-03	8.47E-04	4.75E-05	8.73E-06	5.97E-03	8.11E-04	3.25E-05	5.97E-06	5.97E-03	8.12E-04	1.64E-01	5.57E-02	4.11E-01	1.12E-01
2352	Gridded	4.84E-03	6.64E-04	4.27E-06	7.90E-07	2.38E-03	3.40E-04	5.13E-03	7.17E-04	5.09E-03	7.10E-04	4.83E-03	6.61E-04	6.07E-03	8.90E-04	6.07E-03	8.90E-04	8.98E-03	1.23E-03	5.13E-03	7.17E-04	5.92E-05	1.10E-05	4.84E-03	6.63E-04	4.05E-05	7.50E-06	4.85E-03	6.65E-04	2.04E-01	5.61E-02	4.14E-01	1.03E-01
2353	Gridded	4.37E-03	5.87E-04	6.48E-06	9.30E-07	2.13E-03	3.01E-04	4.62E-03	6.35E-04	4.59E-03	6.28E-04	4.36E-03	5.85E-04	5.43E-03	7.88E-04	5.43E-03	7.88E-04	8.11E-03	1.09E-03	4.62E-03	6.35E-04	8.99E-05	1.29E-05	4.37E-03	5.86E-04	6.15E-05	8.82E-06	4.38E-03	5.88E-04	2.57E-01	5.88E-02	5.18E-01	1.02E-01
2354	Gridded	3.28E-03	6.98E-04	5.03E-06	8.90E-07	1.66E-03	3.62E-04	3.52E-03	7.58E-04	3.49E-03	7.50E-04	3.26E-03	6.95E-04	4.33E-03	9.53E-04	4.33E-03	9.53E-04	6.07E-03	1.29E-03	3.52E-03	7.58E-04	6.97E-05	1.23E-05	3.27E-03	6.97E-04	4.77E-05	8.45E-06	3.28E-03	6.99E-04	2.95E-01	4.71E-02	5.07E-01	8.24E-02
2355	Gridded	3.86E-03	7.01E-04	4.27E-06	9.09E-07	1.86E-03	3.65E-04	4.05E-03	7.63E-04	4.03E-03	7.54E-04	3.85E-03	6.98E-04	4.67E-03	9.62E-04	4.67E-03	9.62E-04	7.16E-03	1.30E-03	4.05E-03	7.63E-04	5.92E-05	1.26E-05	3.86E-03	7.00E-04	4.05E-05	8.63E-06	3.86E-03	7.02E-04	3.18E-01	3.46E-02	6.08E-01	6.25E-02
2356	Gridded	3.57E-03	6.83E-04	6.80E-06	6.48E-07	2.01E-03	3.22E-04	4.03E-03	7.11E-04	3.97E-03	7.07E-04	3.55E-03	6.81E-04	5.52E-03	8.03E-04	5.52E-03	8.03E-04	6.60E-03	1.27E-03	4.03E-03	7.11E-04	9.43E-05	8.98E-06	3.56E-03	6.82E-04	6.45E-05	6.14E-06	3.58E-03	6.83E-04	2.50E-01	4.59E-02	6.45E-01	7.53E-02
2357	Gridded	4.14E-03	8.16E-04	4.45E-06	6.83E-07	2.09E-03	3.98E-04	4.44E-03	8.63E-04	4.40E-03	8.56E-04	4.12E-03	8.14E-04	5.41E-03	1.01E-03	5.41E-03	1.01E-03	7.67E-03	1.51E-03	4.44E-03	8.63E-04	6.17E-05	9.47E-06	4.13E-03	8.15E-04	4.22E-05	6.48E-06	4.14E-03	8.17E-04	2.72E-01	5.47E-02	5.75E-01	9.85E-02
2358	Gridded	3.16E-03	6.27E-04	4.08E-06	9.82E-07	1.59E-03	3.38E-04	3.38E-03	6.93E-04	3.35E-03	6.84E-04	3.15E-03	6.24E-04	4.10E-03	9.08E-04	4.10E-03	9.08E-04	5.85E-03	1.16E-03	3.38E-03	6.93E-04	5.66E-05	1.36E-05	3.15E-03	6.26E-04	3.88E-05	9.32E-06	3.16E-03	6.28E-04	2.51E-01	6.14E-02	6.37E-01	1.44E-01
2359	Gridded	3.46E-03	6.18E-04	4.12E-06	7.39E-07	1.73E-03	3.17E-04	3.70E-03	6.68E-04	3.66E-03	6.61E-04	3.44E-03	6.15E-04	4.48E-03	8.30E-04	4.48E-03	8.30E-04	6.40E-03	1.14E-03	3.70E-03	6.68E-04	5.71E-05	1.02E-05	3.45E-03	6.17E-04	3.91E-05	7.01E-06	3.46E-03	6.19E-04	2.39E-01	6.44E-02	6.13E-01	9.04E-02

Scenario 4 Results

2360 Gridded	4.49E-03	4.16E-04	4.09E-06	5.51E-07	2.21E-03	2.17E-04	4.76E-03	4.54E-04	4.72E-03	4.48E-04	4.47E-03	4.14E-04	5.66E-03	5.74E-04	5.66E-03	5.74E-04	8.31E-03	7.71E-04	4.76E-03	4.54E-04	5.67E-05	7.65E-06	4.48E-03	4.16E-04	3.88E-05	5.23E-06	4.49E-03	4.17E-04	2.59E-01	4.46E-02	7.63E-01	7.23E-02
2361 Gridded	4.63E-03	4.57E-04	4.74E-06	5.26E-07	2.17E-03	2.33E-04	4.81E-03	4.93E-04	4.79E-03	4.88E-04	4.62E-03	4.55E-04	5.40E-03	6.08E-04	5.40E-03	6.08E-04	8.59E-03	8.47E-04	4.81E-03	4.93E-04	6.57E-05	7.29E-06	4.63E-03	4.57E-04	4.49E-05	4.99E-06	4.63E-03	4.58E-04	2.33E-01	4.01E-02	5.58E-01	7.66E-02
2362 Gridded	3.82E-03	4.65E-04	4.98E-06	5.68E-07	1.99E-03	2.40E-04	4.15E-03	5.04E-04	4.11E-03	4.98E-04	3.80E-03	4.63E-04	5.24E-03	6.28E-04	5.24E-03	6.28E-04	7.07E-03	8.62E-04	4.15E-03	5.04E-04	6.91E-05	7.88E-06	3.81E-03	4.65E-04	4.72E-05	5.39E-06	3.82E-03	4.66E-04	2.08E-01	4.03E-02	6.09E-01	1.18E-01
2363 Gridded	2.51E-03	3.65E-04	2.91E-06	4.26E-07	1.24E-03	1.84E-04	2.67E-03	3.91E-04	2.65E-03	3.88E-04	2.50E-03	3.64E-04	3.19E-03	4.76E-04	3.19E-03	4.76E-04	4.66E-03	6.77E-04	2.67E-03	3.91E-04	4.04E-05	5.90E-06	2.51E-03	3.65E-04	2.76E-05	4.04E-06	2.52E-03	3.66E-04	1.85E-01	3.62E-02	5.45E-01	7.50E-02
2364 Gridded	2.99E-03	4.20E-04	2.74E-06	5.04E-07	1.28E-03	2.12E-04	2.99E-03	4.50E-04	2.99E-03	4.46E-04	2.99E-03	4.18E-04	3.26E-03	5.49E-04	3.26E-03	5.49E-04	5.55E-03	7.77E-04	2.99E-03	4.50E-04	3.79E-05	7.00E-06	2.99E-03	4.19E-04	2.60E-05	4.79E-06	2.99E-03	4.20E-04	2.01E-01	3.10E-02	4.38E-01	4.81E-02
2365 Gridded	3.82E-03	4.11E-04	3.37E-06	4.69E-07	1.88E-03	2.09E-04	4.05E-03	4.42E-04	4.02E-03	4.38E-04	3.81E-03	4.09E-04	4.79E-03	5.43E-04	4.79E-03	5.43E-04	7.09E-03	7.62E-04	4.05E-03	4.42E-04	4.68E-05	6.50E-06	3.82E-03	4.10E-04	3.20E-05	4.45E-06	3.83E-03	4.12E-04	2.24E-01	3.20E-02	4.85E-01	4.95E-02
2366 Gridded	3.53E-03	3.27E-04	3.49E-06	3.78E-07	1.70E-03	1.67E-04	3.71E-03	3.52E-04	3.68E-03	3.49E-04	3.52E-03	3.25E-04	4.28E-03	4.35E-04	4.28E-03	4.35E-04	6.55E-03	6.05E-04	3.71E-03	3.52E-04	4.84E-05	5.24E-06	3.53E-03	3.26E-04	3.31E-05	3.58E-06	3.53E-03	3.27E-04	2.58E-01	3.03E-02	5.59E-01	5.57E-02
2367 Gridded	3.00E-03	3.56E-04	5.13E-06	4.05E-07	1.65E-03	1.77E-04	3.35E-03	3.79E-04	3.30E-03	3.76E-04	2.99E-03	3.55E-04	4.47E-03	4.54E-04	4.47E-03	4.54E-04	5.56E-03	6.59E-04	3.35E-03	3.79E-04	7.11E-05	5.62E-06	3.00E-03	3.55E-04	4.86E-05	3.84E-06	3.01E-03	3.56E-04	3.03E-01	3.78E-02	6.95E-01	6.16E-02
2368 Gridded	2.53E-03	2.86E-04	3.35E-06	4.67E-07	1.32E-03	1.48E-04	2.76E-03	3.10E-04	2.72E-03	3.06E-04	2.52E-03	2.84E-04	3.49E-03	3.88E-04	3.49E-03	3.88E-04	4.68E-03	5.29E-04	2.76E-03	3.10E-04	4.65E-05	6.47E-06	2.52E-03	2.85E-04	3.18E-05	4.43E-06	2.53E-03	2.86E-04	2.14E-01	2.63E-02	3.59E-01	4.08E-02
2369 Gridded	2.55E-03	4.33E-04	2.29E-06	5.30E-07	1.26E-03	2.23E-04	2.71E-03	4.69E-04	2.69E-03	4.64E-04	2.54E-03	4.31E-04	3.21E-03	5.85E-04	3.21E-03	5.85E-04	4.73E-03	8.02E-04	2.71E-03	4.69E-04	3.18E-05	7.35E-06	2.55E-03	4.32E-04	2.18E-05	5.03E-06	2.56E-03	4.34E-04	1.61E-01	2.68E-02	4.29E-01	4.58E-02
2370 Gridded	3.23E-03	4.77E-04	3.12E-06	5.51E-07	1.60E-03	2.43E-04	3.44E-03	5.14E-04	3.41E-03	5.09E-04	3.22E-03	4.75E-04	4.12E-03	6.35E-04	4.12E-03	6.35E-04	5.98E-03	8.83E-04	3.44E-03	5.14E-04	4.33E-05	7.63E-06	3.23E-03	4.76E-04	2.96E-05	5.22E-06	3.23E-03	4.77E-04	1.82E-01	3.68E-02	4.35E-01	5.65E-02
2371 Gridded	2.92E-03	3.70E-04	3.52E-06	4.66E-07	1.50E-03	1.89E-04	3.15E-03	3.99E-04	3.12E-03	3.95E-04	2.90E-03	3.68E-04	3.92E-03	4.92E-04	3.92E-03	4.92E-04	5.40E-03	6.85E-04	3.15E-03	3.99E-04	4.88E-05	6.46E-06	2.91E-03	3.69E-04	3.34E-05	4.42E-06	2.92E-03	3.70E-04	2.50E-01	3.46E-02	4.70E-01	6.71E-02
2372 Gridded	2.07E-03	4.18E-04	2.71E-06	6.12E-07	1.00E-03	2.22E-04	2.18E-03	4.60E-04	2.17E-03	4.54E-04	2.06E-03	4.16E-04	2.54E-03	5.94E-04	2.54E-03	5.94E-04	3.84E-03	7.74E-04	2.18E-03	4.60E-04	3.75E-05	8.49E-06	2.07E-03	4.17E-04	2.57E-05	5.81E-06	2.07E-03	4.19E-04	2.32E-01	3.32E-02	5.33E-01	6.19E-02
2373 Gridded	2.33E-03	4.95E-04	2.28E-06	5.75E-07	1.13E-03	2.53E-04	2.46E-03	5.33E-04	2.44E-03	5.28E-04	2.32E-03	4.92E-04	2.88E-03	6.59E-04	2.88E-03	6.59E-04	4.31E-03	9.16E-04	2.46E-03	5.33E-04	3.16E-05	7.97E-06	2.32E-03	4.94E-04	2.16E-05	5.45E-06	2.33E-03	4.95E-04	1.38E-01	3.68E-02	2.97E-01	5.34E-02
2374 Gridded	2.58E-03	5.23E-04	2.41E-06	6.58E-07	1.24E-03	2.71E-04	2.71E-03	5.68E-04	2.69E-03	5.61E-04	2.57E-03	5.21E-04	3.14E-03	7.12E-04	3.14E-03	7.12E-04	4.78E-03	9.69E-04	2.71E-03	5.68E-04	3.34E-05	9.13E-06	2.58E-03	5.22E-04	2.28E-05	6.25E-06	2.58E-03	5.24E-04	1.37E-01	3.27E-02	4.07E-01	5.48E-02
2375 Gridded	2.64E-03	5.06E-04	2.32E-06	6.18E-07	1.28E-03	2.61E-04	2.78E-03	5.48E-04	2.76E-03	5.42E-04	2.63E-03	5.04E-04	3.23E-03	6.83E-04	3.23E-03	6.83E-04	4.89E-03	9.37E-04	2.78E-03	5.48E-04	3.22E-05	8.58E-06	2.64E-03	5.05E-04	2.20E-05	5.87E-06	2.64E-03	5.07E-04	1.35E-01	3.37E-02	3.02E-01	5.85E-02
2376 Gridded	3.73E-03	5.16E-04	4.45E-06	5.54E-07	1.91E-03	2.60E-04	4.03E-03	5.53E-04	3.99E-03	5.48E-04	3.72E-03	5.14E-04	5.01E-03	6.75E-04	5.01E-03	6.75E-04	6.91E-03	9.56E-04	4.03E-03	5.53E-04	6.18E-05	7.68E-06	3.73E-03	5.15E-04	4.23E-05	5.25E-06	3.74E-03	5.16E-04	1.45E-01	3.59E-02	2.89E-01	5.01E-02
2377 Gridded	4.48E-03	5.09E-04	6.03E-06	6.34E-07	2.34E-03	2.47E-04	4.88E-03	5.34E-04	4.83E-03	5.30E-04	4.45E-03	5.08E-04	6.20E-03	6.54E-04	6.20E-03	6.54E-04	8.28E-03	9.44E-04	4.88E-03	5.34E-04	8.37E-05	8.79E-06	4.47E-03	5.09E-04	5.72E-05	6.01E-06	4.48E-03	5.10E-04	1.60E-01	3.69E-02	3.26E-01	6.08E-02
2378 Gridded	4.15E-03	4.68E-04	4.93E-06	5.02E-07	2.13E-03	2.36E-04	4.48E-03	5.02E-04	4.44E-03	4.97E-04	4.13E-03	4.66E-04	5.56E-03	6.12E-04	5.56E-03	6.12E-04	7.69E-03	8.67E-04	4.48E-03	5.02E-04	6.84E-05	6.96E-06	4.14E-03	4.67E-04	4.68E-05	4.76E-06	4.15E-03	4.69E-04	2.91E-01	4.10E-02	3.68E-01	6.77E-02
2379 Gridded	3.40E-03	5.17E-04	3.81E-06	5.21E-07	1.60E-03	2.51E-04	3.54E-03	5.45E-04	3.52E-03	5.41E-04	3.40E-03	5.16E-04	3.98E-03	6.47E-04	3.98E-03	6.47E-04	6.31E-03	9.59E-04	3.54E-03	5.45E-04	5.29E-05	7.22E-06	3.40E-03	5.17E-04	3.62E-05	4.94E-06	3.41E-03	5.18E-04	4.07E-01	3.86E-02	9.20E-01	6.67E-02
2380 Gridded	3.29E-03	5.44E-04	4.52E-06	5.32E-07	1.70E-03	2.68E-04	3.56E-03	5.77E-04	3.52E-03	5.73E-04	3.27E-03	5.42E-04	4.45E-03	6.85E-04	4.45E-03	6.85E-04	6.09E-03	1.01E-03	3.56E-03	5.77E-04	6.27E-05	7.38E-06	3.28E-03	5.43E-04	4.29E-05	5.05E-06	3.29E-03	5.45E-04	4.46E-01	3.93E-02	1.36E+00	6.73E-02
2381 Gridded	3.37E-03	5.62E-04	3.60E-06	4.74E-07	1.58E-03	2.74E-04	3.50E-03	5.94E-04	3.48E-03	5.90E-04	3.37E-03	5.60E-04	3.92E-03	6.98E-04	3.92E-03	6.98E-04	6.26E-03	1.04E-03	3.50E-03	5.94E-04	5.00E-05	6.57E-06	3.37E-03	5.61E-04	3.42E-05	4.49E-06	3.37E-03	5.62E-04	3.24E-01	3.52E-02	7.56E-01	8.00E-02
2382 Gridded	3.34E-03	4.84E-04	3.52E-06	4.91E-07	1.62E-03	2.42E-04	3.52E-03	5.17E-04	3.50E-03	5.13E-04	3.33E-03	4.82E-04	4.11E-03	6.25E-04	4.11E-03	6.25E-04	6.19E-03	8.97E-04	3.52E-03	5.17E-04	4.87E-05	6.81E-06	3.34E-03	4.83E-04	3.34E-05	4.66E-06	3.34E-03	4.84E-04	1.67E-01	3.13E-02	4.00E-01	4.87E-02
2383 Gridded	4.14E-03	5.02E-04	4.02E-06	4.77E-07	2.01E-03	2.42E-04	4.37E-03	5.28E-04	4.34E-03	5.24E-04	4.13E-03	5.01E-04	5.11E-03	6.11E-04	5.11E-03	6.11E-04	7.67E-03	9.31E-04	4.37E-03	5.28E-04	5.58E-05	6.62E-06	4.14E-03	5.01E-04	3.82E-05	4.53E-06	4.14E-03	5.02E-04	2.00E-01	3.45E-02	4.41E-01	5.43E-02
2384 Gridded	4.07E-03	6.62E-04	3.95E-06	6.67E-07	2.00E-03	3.31E-04	4.31E-03	7.07E-04	4.28E-03	7.01E-04	4.06E-03	6.60E-04	5.13E-03	8.54E-04	5.13E-03	8.54E-04	7.55E-03	1.23E-03	4.31E-03	7.07E-04	5.47E-05	9.25E-06	4.07E-03	6.61E-04	3.75E-05	6.33E-06	4.07E-03	6.63E-04	2.15E-01	3.23E-02	5.04E-01	7.26E-02
2385 Gridded	3.98E-03	7.06E-04	3.66E-06	6.74E-07	1.94E-03	3.48E-04	4.21E-03	7.50E-04	4.18E-03	7.44E-04	3.97E-03	7.03E-04	4.94E-03	8.92E-04	4.94E-03	8.92E-04	7.38E-03	1.31E-03	4.21E-03	7.50E-04	5.07E-05	9.34E-06	3.98E-03	7.05E-04	3.47E-05	6.39E-06	3.99E-03	7.06E-04	2.63E-01	3.53E-02	4.07E-01	5.46E-02
2386 Gridded	4.03E-03	6.43E-04	3.50E-06	5.36E-07	1.91E-03	3.13E-04	4.21E-03	6.79E-04	4.18E-03	6.74E-04	4.02E-03	6.41E-04	4.88E-03	7.94E-04	4.88E-03	7.94E-04	7.47E-03	1.19E-03	4.21E-03	6.79E-04	4.85E-05	7.44E-06	4.02E-03	6.42E-04	3.32E-05	5.09E-06	4.03E-03	6.44E-04	2.25E-01	3.38E-02	3.67E-01	4.69E-02
2387 Gridded	3.95E-03	7.04E-04	3.60E-06	7.20E-07	1.89E-03	3.53E-04	4.14E-03	7.53E-04	4.11E-03	7.46E-04	3.94E-03	7.02E-04	4.76E-03	9.10E-04	4.76E-03	9.10E-04	7.32E-03	1.30E-03	4.14E-03	7.53E-04	4.99E-05	9.98E-06	3.95E-03	7.03E-04	3.41E-05	6.83E-06	3.95E-03	7.05E-04	2.02E-01	2.96E-02	3.17E-01	3.90E-02
2388 Gridded	3.45E-03	7.37E-04	3.52E-06	6.85E-07	1.69E-03	3.64E-04	3.65E-03	7.83E-04	3.62E-03	7.77E-04	3.44E-03	7.35E-04	4.30E-03	9.33E-04	4.30E-03	9.33E-04	6.39E-03	1.37E-03	3.65E-03	7.83E-04	4.88E-05	9.49E-06	3.44E-03	7.36E-04	3.34E-05	6.50E-06	3.45E-03	7.38E-04	1.99E-01	3.57E-02	3.44E-01	4.12E-02
2389 Gridded	4.02E-03	6.39E-04	4.95E-06	5.71E-07	2.07E-03	3.14E-04	4.36E-03	6.77E-04	4.31E-03	6.72E-04	4.01E-03	6.37E-04	5.44E-03	8.00E-04	5.44E-03	8.00E-04	7.45E-03	1.18E-03	4.36E-03	6.77E-04	6.87E-05	7.91E-06	4.02E-03	6.38E-04	4.70E-05	5.42E-06	4.03E-03	6.39E-04	1.94E-01	3.53E-02	3.49E-01	4.06E-02
2390 Gridded	5.84E-03	6.35E-04	4.77E-06	5.85E-07	2.84E-03	3.14E-04	6.16E-03	6.75E-04	6.12E-03	6.69E-04	5.82E-03	6.33E-04	7.21E-03	8.03E-04	7.21E-03	8.03E-04	1.08E-02	1.18E-03	6.16E-03	6.75E-04	6.62E-05	8.12E-06	5.83E-03	6.34E-04	4.53E-05	5.55E-06	5.85E-03	6.36E-04	2.25E-01	4.02E-02	3.25E-01	5.30E-02
2391 Gridded	5.46E-03	6.21E-04	3.66E-06	6.22E-07	2.54E-03	3.06E-04	5.65E-03	6.59E-04	5.62E-03	6.53E-04	5.45E-03	6.19E-04	6.28E-03	7.82E-04	6.28E-03	7.82E-04	1.01E-02	1.15E-03	5.65E-03	6.59E-04	5.08E-05	8.63E-06	5.45E-03	6.20E-04	3.48E-05	5.91E-06	5.46E-03	6.21E-04	2.55E-01	3.89E-02	3.37E-01	5.71E-02
2392 Gridded	3.93E-03	6.62E-04	4.55E-06	6.53E-07	1.94E-03	3.24E-04	4.17E-03	6.93E-04	4.14E-03	6.88E-04	3.92E-03	6.60E-04	4.96E-03	8.35E-04	4.96E-03	8.35E-04	7.29E-03	1.23E-03	4.17E-03	6.93E-04	6.30E-05	9.05E-06	3.93E-03	6.61E-04	4.31E-05	6.19E-06	3.94E-03	6.62E-04	2.64E-01	3.19E-02	3.36E-01	5.03E-02
2393 Gridded	4.91E-03	6.62E-04	5.70E-06	5.71E-07	2.51E-03	3.24E-04	5.29E-03	7.00E-04	5.24E-03	6.95E-04	4.89E-03	6.59E-04	6.54E-03	8.25E-04	6.54E-03	8.25E-04	9.09E-03	1.23E-03	5.29E-03	7.00E-04	7.91E-05	7.92E-06	4.90E-03	6.61E-04	5.41E-05	5.42E-06	4.91E-03	6.62E-04	3.05E-01	3.45E-02	3.79E-01	4.69E-02
2394 Gridded	5.29E-03	5.35E-04	5.98E-06	5.65E-07	2.69E-03	2.69E-04	5.69E-03	5.73E-04	5.63E-03	5.68E-04	5.26E-03	5.33E-04	7.00E-03	6.97E-04	7.00E-03	6.97E-04	9.79E-03	9.91E-04	5.69E-03	5.73E-04	8.29E-05	7.84E-06	5.28E-03	5.34E-04	5.67E-05	5.36E-06	5.29E-03	5.35E-04	3.20E-01	3.21E-02	4.06E-01	4.49E-02
2395 Gridded	3.98E-03	4.69E-04	4.86E-06	5.02E-07	2.05E-03	2.36E-04	4.31E-03	5.03E-04	4.26E-03	4.98E-04	3.96E-03	4.67E-04	5.38E-03	6.13E-04	5.38E-03	6.13E-04	7.37E-03	8.69E-04	4.31E-03	5.03E-04	6.75E-05	6.96E-06	3.97E-03	4.68E-04	4.62E-05	4.76E-06	3.99E-03	4.69E-04	3.19E-01	2.91E-02	3.90E-01	3.98E-02
2396 Gridded	4.00E-03	4.35E-04	4.52E-06	4.56E-07	2.03E-03	2.19E-04	4.30E-03	4.66E-04	4.26E-03	4.62E-04	3.98E-03	4.33E-04	5.29E-03	5.66E-04	5.29E-03	5.66E-04	7.40E-03	8.06E-04	4.30E-03	4.66E-04	6.26E-05	6.32E-06	3.99E-03	4.35E-04	4.28E-05	4.33E-06	4.00E-03	4.36E-04	3.37E-01	2.93E-02	4.30E-01	4.25E-02
2397 Gridded	4.31E-03	3.63E-04	4.27E-06	3.59E-07	2.15E-03	1.81E-04	4.59E-03	3.88E-04	4.55E-03	3.84E-04	4.29E-03	3.62E-04	5.53E-03	4.66E-04	5.53E-03	4.66E-04	7.98E-03	6.73E-04	4.59E-03	3.88E-04	5.92E-05	4.98E-06	4.30E-03	3.63E-04	4.05E-05	3.41E-06	4.31E-03	3.64E-04	2.77E-01	2.84E-02	3.85E-01	4.36E-02
2398 Gridded	3.63E-03	5.46E-04	3.71E-06	6.53E-07	1.81E-03	2.80E-04	3.87E-03	5.90E-04	3.84E-03	5.84E-04	3.62E-03	5.43E-04	4.65E-03	7.33E-04	4.65E-03	7.33E-04	6.73E-03	1.01E-03	3.87E-03	5.90E-04	5.15E-05	9.06E-06	3.63E-03	5.45E-04	3.52E-05	6.20E-06	3.64E-03	5.46E-04	1.97E-01	3.46E-02	5.00E-01	6.45E-02
2399 Gridded	3.00E-03	4.30E-04	3.22E-06	6.44E-07	1.52E-03	2.30E-04	3.22E-03	4.73E-04	3.19E-03	4.67E-04	2.99E-03	4.28E-04	3.93E-03	6.14E-04	3.93E-03	6.14E-04	5.56E-03	7.96E-04	3.22E-03	4.73E-04	4.47E-05	8.93E-06	3.00E-03	4.29E-04	3.06E-05	6.11E-06	3.01E-03	4.30E-04	1.98E-01	3.51E-02	4.54E-01	6.51E-02
2400 Gridded	3.32E-03	5.48E-04	3.51E-06	6.22E-07	1.58E-03	2.52E-04	3.35E-03	5.64E-04	3.35E-03	5.62E-04	3.32E-03	5.47E-04	4.12E-03	6.24E-04	4.12E-03	6.24E-04	6.16E-03	1.02E-03	3.35E-03	5.64E-04	4.87E-05	8.63E-06	3.32E-03	5.48E-04	3.33E-05	5.90E-06	3.32E-03	5.49E-04	2.05E-01	4.65E-02	4.29E-01	8.55E-02
2401 Gridded	5.19E-03	7.15E-04	3.03E-06	5.49E-07	2.35E-03	3.40E-04	5.31E-03	7.47E-04	5.30E-03	7.42E-04	5.19E-03	7.13E-04	5.70E-03	8.50E-04	5.70E-03	8.50E-04	9.64E-03	1.33E-03	5.31E-03	7.47E-04	4.20E-05	7.61E-06	5.19E-03	7.14E-04	2.87E-05	5.21E-06	5.19E-03	7.15E-04	1.47E-01	4.95E-02	3.70E-01	1.00E-01
2402 Gridded	5.74E-03	7.74E-04	5.06E-06	9.09E-07	2.82E-03	3.96E-04	6.08E-03	8.36E-04	6.03E-03	8.27E-04	5.72E-03	7.71E-04	7.19E-03	1.03E-03	7.19E-03	1.03E-03	1.06E-02	1.43E-03	6.08E-03	8.36E-04	7.02E-05	1.26E-05	5.73E-03	7.73E-04	4.80E-05	8.62E-06	5.74E-03	7.75E-04	2.24E-01	5.96E-02	4.47E-01	1.10E-01
2403 Gridded	3.91E-03	5.17E-04	5.48E-06	8.09E-07	1.91E-03	2.64E-04	4.13E-03	5.58E-04	4.10E-03	5.52E-04	3.90E-03	5.15E-04	4.86E-03	6.91E-04	4.86E-03	6.91E-04	7.25E-03	9.57E-04	4.13E-03	5.58E-04	7.60E-05	1.12E-05	3.90E-03	5.16E-04	5.20E-05	7.68E-06	3.91E-03	5.17E-04	2.25E-01	5.14E-02	4.52E-01	8.95E-02
2404 Gridded	3.17E-03	6.57E-04	5.02E-06	8.30E-07	1.62E-03	3.40E-04	3.41E-03	7.13E-04	3.38E-03	7.05E-04	3.16E-03	6.54E-04	4.39E-03	8.95E-04	4.39E-03	8.95E-04	5.87E-03	1.22E-03	3.41E-03	7.13E-04	6.96E-05	1.15E-05	3.16E-03	6.56E-04	4.76E-05	7.88E-06	3.17E-03	6.58E-04	2.72E-01	4.51E-02	4.72E-01	8.05E-02
2405 Gridded	3.20E-03	6.27E-04	3.83E-06	8.07E-07	1.52E-03	3.26E-04	3.34E-03	6.82E-04	3.32E-03	6.74E-04	3.19E-03	6.24E-04	3.79E-03	8.58E-04	3.79E-03	8.58E-04	5.93E-03	1.16E-03	3.34E-03	6.82E-04	5.31E-05	1.12E-05	3.19E-03	6.26E-04	3.63E-05	7.66E-06	3.20E-03	6.28E-04	2.80E-01	2.98E-02	5.19E-01	5.34E-02
2406 Gridded	2.74E-03	5.22E-04	5.48E-06	6.18E-07	1.56E-03	2.64E-04	3.11E-03	5.56E-04	3.06E-03	5.50E-04	2.72E-03	5.21E-04	4.31E-03	6.91E-04	4.31E-03	6.91E-04	5.06E-03	9.69E-04	3.11E-03	5.56E-04	7.60E-05	8.57E-06	2.73E-03	5.22E-04	5.20E-05	5.87E-06	2.74E-03	5.23E-04	1.96E-01	3.82E-02	5.42E-01	6.28E-02
2407 Gridded	4.34E-03	8.13E-04	5.33E-06	6.14E-07	2.24E-03	3.90E-04	4.70E-03	8.53E-04	4.65E-03	8.47E-04	4.32E-03	8.11E-04	5.87E-03	9.83E-04	5.87E-03	9.83E-04	8.04E-03	1.51E-03	4.70E-03	8.53E-04	7.40E-05	8.52E-06	4.33E-03	8.12E-04	5.06E-05	5.83E-06	4.35E-03	8.13E-04	2.75E-01	5.00E-02	5.88E-01	8.52E-02
2408 Gridded	2.90E-03	6.39E-04	3.37E-06	8.29E-07	1.43E-03	3.33E-04	3.06E-03	6.95E-04	3.03E-03	6.87E-04	2.89E-03	6.36E-04	3.71E-03	8.77E-04	3.71E-03	8.77E-04	5.37E-03	1.18E-03	3.06E-03	6.95E-04	4.68E-05	1.15E-05	2.89E-03	6.38E-04	3.20E-05	7.87E-06	2.90E-03	6.40E-04	2.38E-01	5.23E-02	5.51E-01	1.22E-01
2409 Gridded	2.78E-03	5.44E-04	3.50E-06	7.11E-07	1.40E-03	2.78E-04	2.98E-03	5.87E-04	2.95E-03	5.81E-04	2.76E-03	5.41E-04	3.63E-03	7.26E-04	3.63E-03	7.26E-04	5.14E-03	1.01E-03	2.98E-03	5.87E-04	4.85E-05	9.86E-06	2.77E-03	5.43E-04	3.32E-05	6.75E-06	2.78E-03	5.44E-04	1.99E-01	5.60E-02	6.07E-01	9.96E-02
2410 Gridded	3.70E-03	4.51E-04	3.53E-06	5.66E-07	1.81E-03	2.33E-04	3.91E-03	4.89E-04	3.88E-03	4.84E-04	3.69E-03	4.49E-04	4.60E-03	6.13E-04	4.60E-03	6.13E-04	6.86E-03	8.35E-04	3.91E-03	4.89E-04	4.90E-05	7.85E-06	3.70E-03	4.50E-04	3.35E-05	5.37E-06	3.70E-03	4.51E-04	2.34E-01	4.81E-02	6.50E-01	6.27E-02
2411 Gridded	2.92E-03	3.47E-04	3.65E-06	3.94E-07	1.51E-03	1.77E-04	3.17E-03	3.74E-04	3.13E-03	3.70E-04	2.91E-03	3.46E-04	3.97E-03	4.60E-04	3.97E-03	4.60E-04	5.41E-03	6.43E-04	3.17E-03	3.74E-04	5.06E-05	5.46E-06	2.92E-03	3.46E-04	3.46E-05	3.74E-06	2.92E-03	3.47E-04	1.79E-01	3.00E-02	4.54E-01	6.36E-02
2412 Gridded	4.31E-03	4.47E-04	4.03E-06	5.28E-07	2.13E-03	2.29E-04	4.58E-03	4.83E-04	4.55E-03	4.78E-04	4.30E-03	4.46E-04	5.47E-03	5.99E-04	5.47E-03	5.99E-04	7.99E-03	8.29E-04	4.58E-03	4.83E-04	5.60E-05	7.32E-06	4.31E-03	4.47E-04	3.83E-05	5.01E-06	4.32E-03	4.48E-04	1.99E-01	3.97E-02	4.88E-01	8.28E-02
2413 Gridded	3.01E-03	4.25E-04	5.37E-06	5.43E-07	1.45E-03	2.21E-04	3.16E-03	4.62E-04	3.14E-03	4.57E-04	3.00E-03	4.23E-04	3.97E-03	5.81E-04	3.97E-03	5.81E-04	5.57E-03	7.87E-04	3.16E-03	4.62E-04	7.44E-05	7.53E-06	3.00E-03	4.24E-04	5.09E-05	5.15E-06	3.01E-03	4.26E-04	2.10E-01	3.66E-02	6.49E-01	1.18E-01
2414 Gridded	3.26E-03	4.47E-04	3.49E-06	4.91E-07	1.65E-03	2.26E-04	3.50E-03	4.80E-04	3.47E-03	4.75E-04	3.25E-03	4.45E-04	4.27E-03	5.87E-04	4.27E-03	5.87E-04	6.05E-03	8.27E-04	3.50E-03	4.80E-04	4.85E-05	6.81E-06	3.26E-03	4.46E-04	3.32E-05	4.66E-06	3.27E-03	4.47E-04	2.16E-01	3.52E-02	5.69E-01	7.31E-02
2415 Gridded	3.79E-03	4.38E-04	3.48E-06	5.21E-07	1.77E-03	2.22E-04	3.93E-03	4.71E-04	3.91E-03	4.66E-04	3.78E-03	4.36E-04	4.39E-03	5.76E-04	4.39E-03	5.76E-04	7.03E-03	8.12E-04	3.93E-03	4.71E-04	4.83E-05	7.22E-06	3.79E-03	4.37E-04	3.30E-05	4.94E-06	3.79E-03	4.39E-04	2.16E-01	3.07E-02	4.75E-01	5.56E-02
2416 Gridded	3.74E-03	3.78E-04	4.65E-06	4.59E-07	1.93E-03	1.92E-04	4.06E-03	4.07E-04	4.01E-03	4.03E-04	3.73E-03	3.76E-04	5.08E-03	5.00E-04	5.08E-03	5.00E-04	6.93E-03	7.00E-04	4.06E-03	4.07E-04	6.44E-05	6.37E-06	3.74E-03	3.77E-04	4.41E-05	4.36E-06	3.75E-03	3.78E-04	2.06E-01	3.13E-02	4.25E-01	4.46E-02
2417 Gridded	3.25E-03	2.78E-04	3.11E-06	3.14E-07	1.61E-03	1.40E-04	3.46E-03	2.98E-04	3.43E-03	2.95E-04	3.24E-03	2.77E-04	4.14E-03	3.63E-04	4.14E-03	3.63E-04	6.03E-03	5.14E-04	3.46E-03	2.98E-04	4.31E-05	4.36E-06	3.25E-03	2.77E-04	2.95E-05	2.98E-06	3.25E-03	2.78E-04	2.22E-01	2.95E-02	4.81E-01	5.08E-02
2418 Gridded	2.10E-03	2.85E-04	3.14E-06	3.48E-07	1.09E-03	1.47E-04	2.28E-03	3.08E-04	2.25E-03	3.05E-04	2.09E-03	2.83E-04	2.85E-03	3.84E-04	2.85E-03	3.84E-04	3.89E-03	5.27E-04	2.28E-03	3.08E-04	4.35E-05	4.83E-06	2.10E-03	2.84E-04	2.98E-05	3.30E-06	2.10E-03	2.85E-04	2.20E-01	3.07E-02	4.70E-01	4.97E-02
2419 Gridded	1.77E-03	3.00E-04	2.40E-06	4.06E-07	9.13E-04	1.55E-04	1.90E-03	3.25E-04	1.87E-03	3.22E-04	1.76E-03	2.99E-04	2.42E-03	4.07E-04	2.42E-03	4.07E-04	3.28E-03	5.56E-04	1.90E-03	3.25E-04	3.33E-05	5.62E-06	1.76E-03	3.00E-04	2.28E-05	3.85E-06	1.77E-03	3.01E-04	1.41E-01	2.08E-02	3.18E-01	3.13E-02
2420 Gridded	2.59E-03	4.36E-04	2.32E-06	5.22E-07	1.27E-03	2.24E-04	2.75E-03	4.71E-04	2.72E-03	4.66E-04	2.58E-03	4.34E-04	3.25E-03	5.85E-04	3.25E-03	5.85E-04	4.80E-03	8.07E-04	2.75E-03	4.71E-04	3.21E-05	7.23E-06	2.59E-03	4.35E-04	2.20E-05	4.95E-06	2.59E-03	4.36E-04	1.54E-01	2.72E-02	4.54E-01	4.66E-02
2421 Gridded	3.15E-03	4.07E-04	3.09E-06	4.70E-07	1.57E-03	2.08E-04	3.36E-03	4.39E-04	3.33E-03	4.34E-04	3.14E-03	4.05E-04	4.04E-03	5.42E-04	4.04E-03	5.42E-04	5.84E-03	7.54E-04	3.36E-03	4.39E-04	4.29E-05	6.52E-06	3.15E-03	4.06E-04	2.93E-05	4.46E-06	3.16E-03	4.08E-04	1.49E-01	3.28E-02	3.64E-01	4.32E-02
2422 Gridded	2.75E-03	3.18E-04	3.40E-06	4.15E-07	1.42E-03	1.63E-04	2.98E-03	3.43E-04	2.95E-03	3.40E-04	2.74E-03	3.17E-04	3.73E-03	4.29E-04	3.73E-03	4.29E-04	5.09E-03	5.90E-04	2.98E-03	3.43E-04	4.72E-05	5.76E-06	2.75E-03	3.18E-04	3.23E-05	3.94E-06	2.75E-03	3.19E-04	1.95E-01	2.91E-02	3.77E-01	4.60E-02
2423 Gridded	1.68E-03	3.84E-04	2.62E-06	5.62E-07	8.52E-04	2.04E-04	1.81E-03	4.22E-04	1.79E-03	4.17E-04	1.67E-03	3.82E-04	2.30E-03	5.45E-04	2.30E-03	5.45E-04	3.11E-03	7.11E-04	1.81E-03	4.22E-04	3.63E-05	7.79E-06	1.68E-03	3.83E-04	2.48E-05	5.33E-06	1.68E-03	3.85E-04	2.01E-01	3.07E-02	4.61E-01	5.28E-02
2424 Gridded	2.06E-03	4.54E-04	2.01E-06	5.25E-07	1.01E-03	2.31E-04	2.18E-03	4.89E-04	2.16E-03	4.84E-04	2.05E-03	4.52E-04	2.56E-03	6.04E-04	2.56E-03	6.04E-04	3.82E-03	8.40E-04	2.18E-03	4.89E-04	2.79E-05	7.28E-06	2.06E-03	4.53E-04	1.91E-05	4.98E-06	2.06E-03	4.54E-04	1.21E-01	3.37E-02	2.39E-01	4.89E-02
2425 Gridded	2.13E-03	4.60E-04	2.26E-06	5.77E-07	1.03E-03	2.38E-04	2.24E-03	4.99E-04	2.23E-03	4.94E-04	2.12E-03	4.58E-04	2.62E-03	6.25E-04	2.62E-03	6.25E-04	3.94E-03	8.52E-04	2.24E-03	4.99E-04	3.14E-05	8.00E-06	2.13E-03	4.59E-04	2.15E-05	5.47E-06	2.13E-03	4.61E-04	1.14E-01	2.99E-02	3.21E-01	4.46E-02
2426 Gridded	2.20E-03	4.36E-04	2.32E-06	5.39E-07	1.02E-03	2.25E-04	2.28E-03	4.73E-04	2.27E-03	4.68E-04	2.20E-03	4.34E-04	2.53E-03	5.91E-04	2.53E-03	5.91E-04	4.09E-03	8.08E-04	2.28E-03	4.73E-04	3.22E-05	7.48E-06	2.20E-03	4.36E-04	2.20E-05	5.12E-06	2.20E-03	4.37E-04	1.14E-01	2.64E-02	1.96E-01	4.32E-02
2427 Gridded	3.37E-03	4.14E-04	2.97E-06	4.60E-07	1.66E-03	2.10E-04	3.57E-03	4.45E-04	3.55E-03	4.40E-04	3.37E-03	4.13E-04	4.22E-03	5.45E-04	4.22E-03	5.45E-04	6.26E-03	7.68E-04	3.57E-03	4.45E-04	4.13E-05	6.39E-06	3.37E-03	4.14E-04	2.82E-05	4.37E-06	3.38E-03	4.15E-04	1.11E-01	2.96E-02	2.23E-01	4.45E-02
2428 Gridded	4.21E-03	4.36E-04	5.37E-06	5.31E-07	2.11E-03	2.25E-04	4.47E-03	4.72E-04	4.43E-03	4.67E-04	4.20E-03	4.34E-04	5.58E-03	5.88E-04	5.58E-03	5.88E-04	7.81E-03	8.08E-04	4.47E-03	4.72E-04	7.44E-05	7.36E-06	4.21E-03	4.36E-04	5.09E-05	5.03E-06	4.22E-03	4.37E-04	1.22E-01	2.95E-02	2.71E-01	4.55E-02
2429 Gridded	3.75E-03	3.73E-04	4.00E-06	4.79E-07	1.85E-03	1.90E-04	3.99E-03	4.02E-04	3.95E-03	3.97E-04	3.74E-03	3.71E-04	4.75E-03	4.95E-04	4.75E-03	4.95E-04	6.95E-03	6.90E-04	3.99E-03	4.02E-04	5.55E-05	6.64E-06	3.75E-03	3.72E-04	3.80E-05	4.54E-06	3.76E-03	3.73E-04	2.22E-01	3.75E-02	3.25E-01	6.44E-02
2430 Gridded	2.86E-03	4.63E-04	4.20E-06	4.52E-07	1.48E-03	2.27E-04	3.05E-03	4.90E-04	3.03E-03	4.86E-04	2.85E-03	4.62E-04	3.97E-03	5.77E-04	3.97E-03	5.77E-04	5.30E-03	8.58E-04	3.05E-03	4.90E-04	5.83E-05	6.27E-06	2.86E-03	4.63E-04	3.99E-05	4.29E-06	2.87E-03	4.63E-04	3.53E-01	3.44E-02	6.43E-01	5.26E-02
2431 Gridded	3.14E-03	4.91E-04	3.72E-06	4.98E-07	1.61E-03	2.44E-04	3.40E-03	5.23E-04	3.36E-03	5.18E-04	3.13E-03	4.89E-04	4.21E-03	6.26E-04	4.21E-03	6.26E-04	5.82E-03	9.09E-04	3.40E-03	5.23E-04	5.17E-05	6.91E-06	3.14E-03	4.90E-04	3.53E-05	4.73E-06	3.15E-03	4.91E-04	4.30E-01	3.70E-02	1.31E+00	6.86E-02
2432 Gridded	2.82E-03	5.27E-04	3.87E-06	4.89E-07	1.39E-03	2.61E-04	2.99E-03	5.60E-04	2.96E-03	5.56E-04	2.81E-03	5.25E-04	3.54E-03	6.67E-04	3.54E-03	6.67E-04	5.22E-03	9.77E-04	2.99E-03	5.60E-04	5.37E-05	6.78E-06	2.81E-03	5.26E-04	3.68E-05	4.64E-06	2.82E-03	5.28E-04	3.81E-01	3.41E-02	9.99E-01	7.69E-02
2433 Gridded	3.11E-03	4.68E-04	3.00E-06	4.62E-07	1.51E-03	2.28E-04	3.25E-03	4.92E-04	3.22E-03	4.88E-04	3.10E-03	4.67E-04	3.89E-03	5.88E-04	3.89E-03	5.88E-04	5.76E-03	8.67E-04	3.25E-03	4.92E-04	4.16E-05	6.40E-06	3.10E-03	4.67E-04	2.85E-05	4.38E-06	3.11E-03	4.68E-04	1.94E-01	3.14E-02	3.80E-01	5.92E-02
2434 Gridded	3.62E-03	4.91E-04	3.43E-06	4.46E-07	1.79E-03	2.40E-04	3.85E-03	5.19E-04	3.82E-03	5.15E-04	3.61E-03	4.89E-04	4.60E-03	6.13E-04	4.60E-03	6.13E-04	6.70E-03	9.09E-04	3.85E-03	5.19E-04	4.76E-05	6.19E-06	3.61E-03	4.90E-04	3.26E-05	4.24E-06	3.62E-03	4.91E-04	1.61E-01	3.14E-02	3.86E-01	4.57E-02
2435 Gridded	3.81E-03	5.10E-04	3.89E-06	5.40E-07	1.82E-03	2.57E-04	3.99E-03	5.47E-04	3.96E-03	5.42E-04	3.80E-03	5.08E-04	4.58E-03	6.65E-04	4.58E-03	6.65E-04	7.06E-03	9.45E-04	3.99E-03	5.47E-04	5.39E-05	7.50E-06	3.80E-03	5.10E-04	3.69E-05	5.13E-06	3.81E-03	5.11E-04	1.87E-01	3.15E-02	4.59E-01	6.68E-02
2436 Gridded	3.94E-03	6.81E-04	4.21E-06	6.52E-07	1.90E-03	3.38E-04	4.14E-03	7.25E-04	4.11E-03	7.18E-04	3.93E-03	6.78E-04	4.78E-03	8.67E-04	4.78E-03	8.67E-04	7.31E-03	1.26E-03	4.14E-03	7.25E-04	5.84E-05	9.04E-06	3.94E-03	6.80E-04	4.00E-05	6.19E-06	3.94E-03	6.81E-04	2.38E-01	3.03E-02	4.09E-01	6.34E-02
2437 Gridded	3.55E-03	6.41E-04	3.49E-06	5.81E-07	1.74E-03	3.16E-04	3.75E-03	6.80E-04	3.72E-03	6.75E-04	3.54E-03	6.39E-04	4.43E-03	8.08E-04	4.43E-03	8.08E-04	6.57E-03	1.19E-03	3.75E-03	6.80E-04	4.83E-05	8.06E-06	3.54E-03	6.40E-04	3.31E-05	5.51E-06	3.55E-03	6.42E-04	2.33E-01	3.41E-02	3.77E-01	4.41E-02
2438 Gridded	3.69E-03	5.33E-04	3.28E-06	5.61E-07	1.80E-03	2.59E-04	3.90E-03	5.61E-04	3.87E-03	5.57E-04	3.68E-03	5.31E-04	4.58E-03	6.72E-04	4.58E-03	6.72E-04	6.84E-03	9.88E-04	3.90E-03	5.61E-04	4.55E-05	7.77E-06	3.69E-03	5.32E-04	3.11E-05	5.32E-06	3.69E-03	5.33E-04	1.83E-01	2.94E-02	3.03E-01	4.17E-02
2439 Gridded	3.46E-03	6.87E-04	3.25E-06	6.68E-07	1.71E-03	3.42E-04	3.67E-03	7.32E-04	3.64E-03	7.26E-04	3.44E-03	6.85E-04	4.39E-03	8.78E-04	4.39E-03	8.78E-04	6.40E-03	1.27E-03	3.67E-03	7.32E-04	4.51E-05	9.26E-06	3.45E-03	6.86E-04	3.09E-05	6.34E-06	3.46E-03	6.88E-04	1.93E-01	2.99E-02	3.57E-01	3.36E-02
2440 Gridded	2.96E-03	6.55E-04	3.82E-06	6.09E-07	1.48E-03	3.22E-04	3.16E-03	6.94E-04	3.13E-03	6.89E-04	2.95E-03	6.53E-04	3.81E-03	8.22E-04	3.81E-03	8.22E-04	5.49E-03	1.21E-03	3.16E-03	6.94E-04	5.30E-05	8.44E-06	2.96E-03	6.54E-04	3.63E-05	5.78E-06	2.97E-03	6.55E-04	2.12E-01	3.31E-02	3.59E-01	3.90E-02
2441 Gridded	4.39E-03	6.20E-04	5.37E-06	5.44E-07	2.26E-03	3.04E-04	4.75E-03	6.56E-04	4.70E-03	6.51E-04	4.37E-03	6.18E-04	5.93E-03	7.74E-04	5.93E-03	7.74E-04	8.13E-03	1.15E-03	4.75E-03	6.56E-04	7.45E-05	7.55E-06	4.38E-03	6.19E-04	5.10E-05	5.17E-06	4.40E-03	6.20E-04	1.80E-01	3.44E-02	3.25E-01	4.01E-02
2442 Gridded	5.60E-03	5.74E-04	4.49E-06	5.24E-07	2.72E-03	2.83E-04	5.90E-03	6.10E-04	5.86E-03	6.05E-04	5.58E-03	5.72E-04	6.89E-03	7.24E-04	6.89E-03	7.24E-04	1.04E-02	1.06E-03	5.90E-03	6.10E-04	6.23E-05	7.26E-06	5.59E-03	5.74E-04	4.26E-05	4.97E-06	5.61E-03	5.75E-04	2.21E-01	3.64E-02	2.89E-01	4.82E-02
2443 Gridded	5.18E-03	5.76E-04	3.43E-06	5.61E-07	2.41E-03	2.83E-04	5.36E-03	6.11E-04	5.34E-03	6.06E-04	5.17E-03	5.74E-04	5.96E-03	7.24E-04	5.96E-03	7.24E-04	9.60E-03	1.07E-03	5.36E-03	6.11E-04	4.76E-05	7.79E-06	5.17E-03	5.75E-04	3.26E-05	5.33E-06	5.18E-03	5.77E-04	2.40E-01	3.47E-02	3.23E-01	5.05E-02
2444 Gridded	4.00E-03	6.90E-04	4.26E-06	6.89E-07	1.99E-03	3.42E-04	4.26E-03	7.31E-04	4.22E-03	7.24E-04	3.99E-03	6.88E-04	5.12E-03	8.82E-04	5.12E-03	8.82E-04	7.41E-03	1.28E-03	4.26E-03	7.31E-04	5.91E-05	9.56E-06	3.99E-03	6.89E-04	4.04E-05	6.54E-06	4.00E-03	6.91E-04	2.49E-01	3.11E-02	3.12E-01	4.77E-02
2445 Gridded	4.72E-03	7.08E-04	5.58E-06	6.06E-07	2.42E-03	3.46E-04	5.10E-03	7.49E-04	5.04E-03	7.44E-04	4.70E-03	7.06E-04	6.32E-03	8.82E-04	6.32E-03	8.82E-04	8.74E-03	1.31E-03	5.10E-03	7.49E-04	7.74E-05	8.40E-06	4.71E-03	7.07E-04	5.29E-05	5.75E-06	4.72E-03	7.09E-04	2.96E-01	3.50E-02	3.58E-01	4.81E-02
2446 Gridded	5.48E-03	5.79E-04	6.16E-06	5.61E-07	2.79E-03	2.78E-04	5.90E-03	6.07E-04	5.84E-03	6.03E-04	5.46E-03	5.77E-04	7.25E-03	6.98E-04	7.25E-03	6.98E-04	1.02E-02	1.07E-03	5.90E-03	6.07E-04	8.55E-05	7.78E-06	5.48E-03	5.78E-04	5.85E-05	5.32E-06	5.49E-03	5.79E-04	3.22E-01	3.28E-02	3.91E-01	4.66E-02
2447 Gridded	4.22E-03	4.70E-04	4.83E-06	5.01E-07	2.15E-03	2.37E-04	4.55E-03	5.04E-04	4.50E-03	4.99E-04	4.21E-03	4.68E-04	5.59E-03	6.14E-04	5.59E-03	6.14E-04	7.82E-03	8.70E-04	4.55E-03	5.04E-04	6.70E-05	6.95E-06	4.22E-03	4.69E-04	4.58E-05	4.76E-06	4.23E-03	4.70E-04	3.04E-01	2.83E-02	3.83E-01	3.67E-02
2448 Gridded	3.15E-03	4.04E-04	3.88E-06	4.30E-07	1.62E-03	2.03E-04	3.41E-03	4.33E-04	3.38E-03	4.29E-04	3.14E-03	4.02E-04	4.26E-03	5.27E-04	4.26E-03	5.27E-04	5.83E-03	7.48E-04	3.41E-03	4.33E-04	5.39E-05	5.97E-06	3.15E-03	4.03E-04	3.68E-05	4.08E-06	3.15E-03	4.04E-04	2.93E-01	2.72E-02	3.56E-01	3.91E-02
2449 Gridded	2.95E-03	4.36E-04	3.30E-06	6.34E-07	1.50E-03	2.32E-04	3.18E-03	4.79E-04	3.14E-03	4.73E-04	2.94E-03	4.34E-04	3.90E-03	6.18E-04	3.90E-03	6.18E-04	5.47E-03	8.07E-04	3.18E-03	4.79E-04	4.58E-05	8.79E-06	2.95E-03	4.35E-04	3.13E-05	6.01E-06	2.96E-03	4.37E-04	1.88E-01	3.51E-02	4.37E-01	6.06E-02
2450 Gridded	2.92E-03	4.81E-04	3.13E-06	4.90E-07	1.28E-03	2.21E-04	2.95E-03	4.95E-04	2.95E-03	4.93E-04	2.92E-03	4.80E-04	3.37E-03	5.43E-04	3.37E-03	5.43E-04	5.42E-03	8.92E-04	2.95E-03	4.95E-04	4.34E-05	6.80E-06	2.92E-03	4.80E-04	2.97E-05	4.65E-06	2.92E-03	4.81E-04	1.71E-01	4.01E-02	3.69E-01	7.62E-02
2451 Gridded	4.58E-03	6.35E-04	2.75E-06	4.85E-07	2.08E-03	3.02E-04	4.69E-03	6.64E-04	4.67E-03	6.60E-04	4.57E-03	6.34E-04	5.06E-03	7.57E-04	5.06E-03	7.57E-04	8.49E-03	1.18E-03	4.69E-03	6.64E-04	3.82E-05	6.73E-06	4.57E-03	6.35E-04	2.61E-05	4.60E-06	4.58E-03	6.36E-04	1.32E-01	4.45E-02	3.35E-01	8.97E-02
2452 Gridded	4.05E-03	5.64E-04	3.66E-06	6.63E-07	1.99E-03	2.88E-04	4.29E-03	6.09E-04	4.26E-03	6.02E-04	4.03E-03	5.61E-04	5.10E-03	7.54E-04	5.10E-03	7.54E-04	7.50E-03	1.04E-03	4.29E-03	6.09E-04	5.08E-05	9.19E-06	4.04E-03	5.63E-04	3.47E-05	6.29E-06	4.05E-03	5.64E-04	1.84E-01	4.70E-02	3.48E-01	8.72E-02
2453 Gridded	3.58E-03	4.64E-04	4.78E-06	7.20E-07	1.75E-03	2.37E-04	3.78E-03	5.00E-04	3.75E-03	4.95E-04	3.57E-03	4.62E-04	4.46E-03	6.17E-04	4.46E-03	6.17E-04	6.63E-03	8.59E-04	3.78E-03	5.00E-04	6.63E-05	9.99E-06	3.57E-03	4.63E-04	4.53E-05	6.83E-06	3.58E-03	4.64E-04	2.00E-01	4.57E-02	4.01E-01	8.02E-02
2454 Gridded	2.29E-03	5.34E-04	3.86E-06	6.63E-07	1.25E-03	2.76E-04	2.55E-03	5.79E-04	2.51E-03	5.73E-04	2.28E-03	5.32E-04	3.40E-03	7.24E-04	3.40E-03	7.24E-04	4.25E-03	9.89E-04	2.55E-03	5.79E-04	5.36E-05	9.20E-06	2.29E-03	5.33E-04	3.67E-05	6.30E-06	2.30E-03	5.35E-04	2.05E-01	3.70E-02	3.67E-01	6.55E-02

Scenario 4 Results

2455	Gridded	3.07E-03	6.07E-04	3.97E-06	7.79E-07	1.44E-03	3.15E-04	3.19E-03	6.59E-04	3.18E-03	6.52E-04	3.07E-03	6.04E-04	3.59E-03	8.30E-04	3.59E-03	8.30E-04	5.70E-03	1.12E-03	3.19E-03	6.59E-04	5.51E-05	1.08E-05	3.07E-03	6.06E-04	3.77E-05	7.39E-06	3.07E-03	6.07E-04	2.72E-01	2.77E-02	4.88E-01	4.90E-02
2456	Gridded	2.80E-03	5.23E-04	5.27E-06	6.47E-07	1.48E-03	2.70E-04	3.03E-03	5.67E-04	3.00E-03	5.61E-04	2.79E-03	5.21E-04	4.09E-03	7.09E-04	4.09E-03	7.09E-04	5.19E-03	9.69E-04	3.03E-03	5.67E-04	7.31E-05	8.97E-06	2.80E-03	5.22E-04	5.00E-05	6.14E-06	2.81E-03	5.24E-04	1.92E-01	3.48E-02	5.19E-01	6.08E-02
2457	Gridded	3.64E-03	6.65E-04	4.97E-06	5.21E-07	1.91E-03	3.17E-04	3.98E-03	6.96E-04	3.93E-03	6.92E-04	3.62E-03	6.63E-04	5.06E-03	7.96E-04	5.06E-03	7.96E-04	6.74E-03	1.23E-03	3.98E-03	6.96E-04	6.90E-05	7.22E-06	3.63E-03	6.64E-04	4.72E-05	4.94E-06	3.64E-03	6.65E-04	2.35E-01	4.17E-02	4.98E-01	6.57E-02
2458	Gridded	2.80E-03	6.04E-04	2.61E-06	6.62E-07	1.35E-03	3.05E-04	2.94E-03	6.48E-04	2.92E-03	6.42E-04	2.79E-03	6.01E-04	3.39E-03	7.93E-04	3.39E-03	7.93E-04	5.19E-03	1.12E-03	2.94E-03	6.48E-04	3.62E-05	9.19E-06	2.80E-03	6.03E-04	2.47E-05	6.28E-06	2.80E-03	6.04E-04	2.20E-01	4.50E-02	4.59E-01	9.46E-02
2459	Gridded	2.36E-03	4.80E-04	2.76E-06	6.74E-07	1.20E-03	2.45E-04	2.54E-03	5.18E-04	2.51E-03	5.13E-04	2.35E-03	4.78E-04	3.11E-03	6.41E-04	3.11E-03	6.41E-04	4.37E-03	8.89E-04	2.54E-03	5.18E-04	3.83E-05	9.35E-06	2.36E-03	4.79E-04	2.62E-05	6.40E-06	2.36E-03	4.80E-04	1.82E-01	4.77E-02	5.24E-01	9.99E-02
2460	Gridded	2.64E-03	4.21E-04	2.65E-06	5.07E-07	1.28E-03	2.16E-04	2.79E-03	4.55E-04	2.77E-03	4.51E-04	2.64E-03	4.19E-04	3.25E-03	5.66E-04	3.25E-03	5.66E-04	4.90E-03	7.80E-04	2.79E-03	4.55E-04	3.68E-05	7.03E-06	2.64E-03	4.20E-04	2.52E-05	4.81E-06	2.64E-03	4.22E-04	1.82E-01	4.48E-02	4.37E-01	5.85E-02
2461	Gridded	3.15E-03	2.92E-04	3.44E-06	3.71E-07	1.59E-03	1.48E-04	3.39E-03	3.14E-04	3.35E-03	3.11E-04	3.14E-03	2.90E-04	4.14E-03	3.85E-04	4.14E-03	3.85E-04	5.84E-03	5.40E-04	3.39E-03	3.14E-04	4.77E-05	5.15E-06	3.15E-03	2.91E-04	3.27E-05	3.53E-06	3.16E-03	2.92E-04	1.92E-01	3.14E-02	5.41E-01	5.50E-02
2462	Gridded	3.22E-03	3.67E-04	2.61E-06	4.21E-07	1.54E-03	1.87E-04	3.37E-03	3.95E-04	3.35E-03	3.91E-04	3.21E-03	3.65E-04	3.88E-03	4.87E-04	3.88E-03	4.87E-04	5.97E-03	6.79E-04	3.37E-03	3.95E-04	3.62E-05	5.84E-06	3.22E-03	3.66E-04	2.47E-05	3.99E-06	3.22E-03	3.67E-04	1.55E-01	2.73E-02	3.52E-01	5.29E-02
2463	Gridded	3.28E-03	4.32E-04	5.01E-06	5.32E-07	1.76E-03	2.23E-04	3.62E-03	4.68E-04	3.57E-03	4.63E-04	3.26E-03	4.30E-04	4.72E-03	5.84E-04	4.72E-03	5.84E-04	6.07E-03	8.00E-04	3.62E-03	4.68E-04	6.95E-05	7.37E-06	3.27E-03	4.31E-04	4.76E-05	5.04E-06	3.28E-03	4.32E-04	1.90E-01	3.71E-02	5.64E-01	1.07E-01
2464	Gridded	3.34E-03	3.68E-04	3.33E-06	4.32E-07	1.66E-03	1.83E-04	3.56E-03	3.92E-04	3.53E-03	3.89E-04	3.33E-03	3.67E-04	4.27E-03	4.71E-04	4.27E-03	4.71E-04	6.19E-03	6.82E-04	3.56E-03	3.92E-04	4.62E-05	6.00E-06	3.34E-03	3.67E-04	3.16E-05	4.10E-06	3.34E-03	3.68E-04	1.99E-01	3.48E-02	6.08E-01	8.58E-02
2465	Gridded	3.34E-03	4.56E-04	3.89E-06	5.46E-07	1.70E-03	2.34E-04	3.60E-03	4.93E-04	3.56E-03	4.87E-04	3.32E-03	4.54E-04	4.45E-03	6.12E-04	4.45E-03	6.12E-04	6.18E-03	8.44E-04	3.60E-03	4.93E-04	5.39E-05	7.57E-06	3.33E-03	4.55E-04	3.69E-05	5.18E-06	3.34E-03	4.56E-04	2.25E-01	3.18E-02	5.37E-01	5.43E-02
2466	Gridded	4.80E-03	4.10E-04	3.74E-06	4.80E-07	2.32E-03	2.07E-04	5.05E-03	4.40E-04	5.02E-03	4.36E-04	4.79E-03	4.08E-04	5.87E-03	5.39E-04	5.87E-03	5.39E-04	8.90E-03	7.59E-04	5.05E-03	4.40E-04	5.19E-05	6.66E-06	4.80E-03	4.09E-04	3.55E-05	4.55E-06	4.80E-03	4.10E-04	2.25E-01	3.04E-02	5.15E-01	5.32E-02
2467	Gridded	3.30E-03	3.30E-04	4.32E-06	3.99E-07	1.54E-03	1.68E-04	3.42E-03	3.55E-04	3.40E-03	3.51E-04	3.29E-03	3.28E-04	3.79E-03	4.37E-04	3.79E-03	4.37E-04	6.12E-03	6.10E-04	3.42E-03	3.55E-04	5.99E-05	5.54E-06	3.30E-03	3.29E-04	4.10E-05	3.79E-06	3.30E-03	3.30E-04	2.13E-01	2.86E-02	4.36E-01	4.62E-02
2468	Gridded	2.75E-03	2.44E-04	3.42E-06	2.95E-07	1.42E-03	1.25E-04	2.99E-03	2.64E-04	2.95E-03	2.61E-04	2.74E-03	2.43E-04	3.73E-03	3.28E-04	3.73E-03	3.28E-04	5.10E-03	4.51E-04	2.99E-03	2.64E-04	4.74E-05	4.08E-06	2.75E-03	2.43E-04	3.24E-05	2.79E-06	2.76E-03	2.44E-04	2.07E-01	2.88E-02	4.70E-01	4.60E-02
2469	Gridded	1.78E-03	2.60E-04	2.27E-06	3.15E-07	9.19E-04	1.34E-04	1.93E-03	2.81E-04	1.91E-03	2.78E-04	1.77E-03	2.59E-04	2.41E-03	3.50E-04	2.41E-03	3.50E-04	3.30E-03	4.82E-04	1.93E-03	2.81E-04	3.15E-05	4.37E-06	1.78E-03	2.60E-04	2.16E-05	2.99E-06	1.78E-03	2.60E-04	1.83E-01	2.60E-02	3.37E-01	4.18E-02
2470	Gridded	1.84E-03	3.07E-04	1.71E-06	3.74E-07	9.05E-04	1.58E-04	1.95E-03	3.32E-04	1.94E-03	3.29E-04	1.84E-03	3.06E-04	2.31E-03	4.14E-04	2.31E-03	4.14E-04	3.42E-03	5.69E-04	1.95E-03	3.32E-04	2.37E-05	5.19E-06	1.84E-03	3.07E-04	1.62E-05	3.55E-06	1.85E-03	3.07E-04	1.28E-01	1.76E-02	2.70E-01	2.94E-02
2471	Gridded	2.63E-03	4.11E-04	2.35E-06	4.86E-07	1.29E-03	2.11E-04	2.79E-03	4.44E-04	2.77E-03	4.39E-04	2.62E-03	4.09E-04	3.30E-03	5.50E-04	3.30E-03	5.50E-04	4.87E-03	7.62E-04	2.79E-03	4.44E-04	3.26E-05	6.73E-06	2.63E-03	4.11E-04	2.23E-05	4.61E-06	2.63E-03	4.12E-04	1.35E-01	2.64E-02	4.02E-01	4.16E-02
2472	Gridded	3.10E-03	3.60E-04	3.08E-06	4.14E-07	1.55E-03	1.84E-04	3.31E-03	3.88E-04	3.28E-03	3.84E-04	3.09E-03	3.59E-04	3.99E-03	4.79E-04	3.99E-03	4.79E-04	5.75E-03	6.67E-04	3.31E-03	3.88E-04	4.28E-05	5.74E-06	3.10E-03	3.60E-04	2.93E-05	3.93E-06	3.11E-03	3.61E-04	1.33E-01	2.99E-02	3.35E-01	3.96E-02
2473	Gridded	2.63E-03	2.96E-04	3.33E-06	3.95E-07	1.36E-03	1.55E-04	2.86E-03	3.23E-04	2.83E-03	3.19E-04	2.62E-03	2.95E-04	3.59E-03	4.09E-04	3.59E-03	4.09E-04	4.87E-03	5.48E-04	2.86E-03	3.23E-04	4.62E-05	5.47E-06	2.63E-03	2.96E-04	3.16E-05	3.75E-06	2.64E-03	2.97E-04	1.78E-01	2.60E-02	3.50E-01	4.34E-02
2474	Gridded	1.55E-03	3.48E-04	2.54E-06	5.11E-07	8.11E-04	1.85E-04	1.66E-03	3.83E-04	1.65E-03	3.78E-04	1.54E-03	3.46E-04	2.20E-03	4.94E-04	2.20E-03	4.94E-04	2.86E-03	6.44E-04	1.66E-03	3.83E-04	3.52E-05	7.08E-06	1.54E-03	3.47E-04	2.41E-05	4.85E-06	1.55E-03	3.48E-04	1.71E-01	2.83E-02	3.90E-01	4.40E-02
2475	Gridded	1.99E-03	4.27E-04	1.92E-06	4.91E-07	9.75E-04	2.18E-04	2.11E-03	4.60E-04	2.09E-03	4.55E-04	1.98E-03	4.25E-04	2.48E-03	5.67E-04	2.48E-03	5.67E-04	3.69E-03	7.90E-04	2.11E-03	4.60E-04	2.66E-05	6.81E-06	1.99E-03	4.26E-04	1.82E-05	4.66E-06	1.99E-03	4.27E-04	1.12E-01	3.20E-02	2.17E-01	4.64E-02
2476	Gridded	2.12E-03	4.48E-04	2.11E-06	5.54E-07	1.03E-03	2.31E-04	2.24E-03	4.85E-04	2.22E-03	4.80E-04	2.11E-03	4.46E-04	2.62E-03	6.06E-04	2.62E-03	6.06E-04	3.92E-03	8.29E-04	2.24E-03	4.85E-04	2.93E-05	7.68E-06	2.11E-03	4.47E-04	2.00E-05	5.25E-06	2.12E-03	4.48E-04	1.10E-01	2.82E-02	3.18E-01	4.58E-02
2477	Gridded	2.46E-03	4.43E-04	2.44E-06	5.40E-07	1.11E-03	2.28E-04	2.52E-03	4.80E-04	2.51E-03	4.75E-04	2.46E-03	4.41E-04	2.69E-03	5.98E-04	2.69E-03	5.98E-04	4.57E-03	8.21E-04	2.52E-03	4.80E-04	3.39E-05	7.49E-06	2.46E-03	4.42E-04	2.32E-05	5.12E-06	2.46E-03	4.44E-04	1.08E-01	2.53E-02	1.94E-01	4.02E-02
2478	Gridded	3.58E-03	4.18E-04	2.73E-06	4.74E-07	1.66E-03	2.13E-04	3.70E-03	4.50E-04	3.68E-03	4.45E-04	3.57E-03	4.16E-04	4.11E-03	5.54E-04	4.11E-03	5.54E-04	6.64E-03	7.74E-04	3.70E-03	4.50E-04	3.79E-05	6.58E-06	3.57E-03	4.17E-04	2.59E-05	4.50E-06	3.58E-03	4.18E-04	1.10E-01	2.85E-02	2.27E-01	4.56E-02
2479	Gridded	4.31E-03	4.00E-04	4.60E-06	4.42E-07	2.11E-03	2.03E-04	4.56E-03	4.30E-04	4.53E-03	4.26E-04	4.30E-03	3.98E-04	5.38E-03	5.27E-04	5.38E-03	5.27E-04	8.00E-03	7.41E-04	4.56E-03	4.30E-04	6.38E-05	6.13E-06	4.31E-03	3.99E-04	4.37E-05	4.20E-06	4.32E-03	4.00E-04	1.12E-01	2.73E-02	2.38E-01	4.12E-02
2480	Gridded	4.36E-03	3.42E-04	3.86E-06	5.14E-07	2.13E-03	1.58E-04	4.61E-03	3.53E-04	4.57E-03	3.51E-04	4.34E-03	3.42E-04	5.43E-03	4.26E-04	5.43E-03	4.26E-04	8.07E-03	6.35E-04	4.61E-03	3.53E-04	5.36E-05	7.13E-06	4.35E-03	3.42E-04	3.67E-05	4.88E-06	4.36E-03	3.42E-04	1.70E-01	3.41E-02	2.67E-01	5.89E-02
2481	Gridded	3.51E-03	4.06E-04	4.37E-06	3.96E-07	1.73E-03	2.01E-04	3.73E-03	4.31E-04	3.70E-03	4.28E-04	3.50E-03	4.05E-04	4.43E-03	5.14E-04	4.43E-03	5.14E-04	6.51E-03	7.52E-04	3.73E-03	4.31E-04	6.06E-05	5.49E-06	3.51E-03	4.05E-04	4.15E-05	3.76E-06	3.52E-03	4.06E-04	2.98E-01	3.35E-02	4.23E-01	4.29E-02
2482	Gridded	2.91E-03	4.32E-04	3.46E-06	4.36E-07	1.42E-03	2.16E-04	3.08E-03	4.61E-04	3.05E-03	4.57E-04	2.90E-03	4.30E-04	3.61E-03	5.56E-04	3.61E-03	5.56E-04	5.40E-03	8.00E-04	3.08E-03	4.61E-04	4.80E-05	6.05E-06	2.91E-03	4.31E-04	3.28E-05	4.14E-06	2.92E-03	4.32E-04	3.93E-01	3.30E-02	1.12E+00	6.45E-02
2483	Gridded	2.75E-03	4.62E-04	3.66E-06	4.38E-07	1.38E-03	2.26E-04	2.94E-03	4.88E-04	2.92E-03	4.85E-04	2.74E-03	4.60E-04	3.57E-03	5.74E-04	3.57E-03	5.74E-04	5.10E-03	8.56E-04	2.94E-03	4.88E-04	5.08E-05	6.08E-06	2.75E-03	4.61E-04	3.47E-05	4.16E-06	2.76E-03	4.62E-04	4.07E-01	3.21E-02	1.17E+00	6.22E-02
2484	Gridded	2.98E-03	5.00E-04	3.82E-06	4.18E-07	1.38E-03	2.43E-04	3.08E-03	5.27E-04	3.06E-03	5.23E-04	2.97E-03	4.98E-04	3.39E-03	6.16E-04	3.39E-03	6.16E-04	5.52E-03	9.26E-04	3.08E-03	5.27E-04	5.29E-05	5.80E-06	2.98E-03	4.99E-04	3.62E-05	3.97E-06	2.98E-03	5.00E-04	2.59E-01	2.99E-02	5.60E-01	6.81E-02
2485	Gridded	3.14E-03	4.46E-04	3.17E-06	4.41E-07	1.57E-03	2.22E-04	3.35E-03	4.76E-04	3.32E-03	4.71E-04	3.12E-03	4.44E-04	4.04E-03	5.72E-04	4.04E-03	5.72E-04	5.81E-03	8.26E-04	3.35E-03	4.76E-04	4.40E-05	6.11E-06	3.13E-03	4.45E-04	3.01E-05	4.18E-06	3.14E-03	4.46E-04	1.55E-01	2.79E-02	3.61E-01	4.18E-02
2486	Gridded	3.74E-03	4.52E-04	3.81E-06	4.50E-07	1.80E-03	2.18E-04	3.93E-03	4.75E-04	3.90E-03	4.72E-04	3.73E-03	4.51E-04	4.54E-03	5.51E-04	4.54E-03	5.51E-04	6.93E-03	8.38E-04	3.93E-03	4.75E-04	5.28E-05	6.24E-06	3.73E-03	4.52E-04	3.61E-05	4.27E-06	3.74E-03	4.52E-04	1.79E-01	3.02E-02	3.78E-01	5.58E-02
2487	Gridded	3.68E-03	5.91E-04	3.38E-06	5.95E-07	1.81E-03	2.95E-04	3.91E-03	6.31E-04	3.87E-03	6.26E-04	3.67E-03	5.89E-04	4.63E-03	7.62E-04	4.63E-03	7.62E-04	6.82E-03	1.10E-03	3.91E-03	6.31E-04	4.69E-05	8.25E-06	3.68E-03	5.90E-04	3.21E-05	5.65E-06	3.68E-03	5.92E-04	2.12E-01	2.84E-02	4.45E-01	6.59E-02
2488	Gridded	3.48E-03	6.48E-04	4.20E-06	5.93E-07	1.65E-03	3.19E-04	3.62E-03	6.88E-04	3.60E-03	6.82E-04	3.47E-03	6.45E-04	4.21E-03	8.18E-04	4.21E-03	8.18E-04	6.46E-03	1.20E-03	3.62E-03	6.88E-04	5.82E-05	8.23E-06	3.48E-03	6.47E-04	3.99E-05	5.63E-06	3.48E-03	6.48E-04	2.34E-01	3.18E-02	3.67E-01	4.61E-02
2489	Gridded	3.35E-03	5.77E-04	3.54E-06	4.84E-07	1.65E-03	2.81E-04	3.55E-03	6.10E-04	3.52E-03	6.05E-04	3.34E-03	5.75E-04	4.23E-03	7.15E-04	4.23E-03	7.15E-04	6.22E-03	1.07E-03	3.55E-03	6.10E-04	4.91E-05	6.71E-06	3.35E-03	5.76E-04	3.36E-05	4.59E-06	3.35E-03	5.77E-04	1.79E-01	3.12E-02	3.34E-01	4.28E-02
2490	Gridded	3.53E-03	5.68E-04	3.25E-06	5.90E-07	1.69E-03	2.85E-04	3.70E-03	6.08E-04	3.68E-03	6.02E-04	3.52E-03	5.66E-04	4.27E-03	7.37E-04	4.27E-03	7.37E-04	6.54E-03	1.05E-03	3.70E-03	6.08E-04	4.51E-05	8.18E-06	3.52E-03	5.67E-04	3.08E-05	5.60E-06	3.53E-03	5.68E-04	1.73E-01	2.60E-02	3.07E-01	3.65E-02
2491	Gridded	3.18E-03	6.67E-04	2.91E-06	6.18E-07	1.56E-03	3.29E-04	3.37E-03	7.08E-04	3.35E-03	7.02E-04	3.17E-03	6.64E-04	4.00E-03	8.44E-04	4.00E-03	8.44E-04	5.89E-03	1.24E-03	3.37E-03	7.08E-04	4.03E-05	8.56E-06	3.18E-03	6.66E-04	2.76E-05	5.86E-06	3.18E-03	6.67E-04	2.13E-01	3.00E-02	3.86E-01	3.37E-02
2492	Gridded	2.81E-03	5.81E-04	3.84E-06	5.48E-07	1.40E-03	2.88E-04	2.99E-03	6.18E-04	2.97E-03	6.13E-04	2.80E-03	5.79E-04	3.59E-03	7.38E-04	3.59E-03	7.38E-04	5.21E-03	1.08E-03	2.99E-03	6.18E-04	5.32E-05	7.59E-06	2.81E-03	5.80E-04	3.64E-05	5.20E-06	2.81E-03	5.81E-04	2.02E-01	3.05E-02	3.28E-01	3.66E-02
2493	Gridded	4.26E-03	5.38E-04	4.89E-06	4.96E-07	2.17E-03	2.64E-04	4.59E-03	5.70E-04	4.54E-03	5.65E-04	4.24E-03	5.36E-04	5.66E-03	6.72E-04	5.66E-03	6.72E-04	7.89E-03	9.97E-04	4.59E-03	5.70E-04	6.78E-05	6.88E-06	4.25E-03	5.37E-04	4.64E-05	4.71E-06	4.27E-03	5.38E-04	1.72E-01	3.19E-02	2.69E-01	3.85E-02
2494	Gridded	5.61E-03	5.45E-04	4.49E-06	4.93E-07	2.72E-03	2.68E-04	5.91E-03	5.78E-04	5.87E-03	5.73E-04	5.59E-03	5.43E-04	6.90E-03	6.86E-04	6.90E-03	6.86E-04	1.04E-02	1.01E-03	5.91E-03	5.78E-04	6.23E-05	6.84E-06	5.60E-03	5.44E-04	4.26E-05	4.68E-06	5.61E-03	5.45E-04	2.21E-01	3.44E-02	2.89E-01	4.57E-02
2495	Gridded	5.42E-03	6.29E-04	3.62E-06	6.13E-07	2.54E-03	3.08E-04	5.62E-03	6.66E-04	5.59E-03	6.61E-04	5.41E-03	6.27E-04	6.29E-03	7.85E-04	6.29E-03	7.85E-04	1.00E-02	1.17E-03	5.62E-03	6.66E-04	5.03E-05	8.50E-06	5.41E-03	6.28E-04	3.44E-05	5.82E-06	5.42E-03	6.29E-04	2.32E-01	3.36E-02	3.29E-01	4.87E-02
2496	Gridded	3.87E-03	6.79E-04	3.88E-06	6.82E-07	1.92E-03	3.34E-04	4.10E-03	7.13E-04	4.07E-03	7.06E-04	3.86E-03	6.77E-04	4.94E-03	8.62E-04	4.94E-03	8.62E-04	7.17E-03	1.26E-03	4.10E-03	7.13E-04	5.39E-05	9.45E-06	3.86E-03	6.78E-04	3.69E-05	6.47E-06	3.87E-03	6.79E-04	2.08E-01	3.02E-02	2.80E-01	4.42E-02
2497	Gridded	4.09E-03	6.87E-04	4.56E-06	5.98E-07	2.06E-03	3.37E-04	4.38E-03	7.28E-04	4.34E-03	7.22E-04	4.07E-03	6.85E-04	5.32E-03	8.59E-04	5.32E-03	8.59E-04	7.57E-03	1.27E-03	4.38E-03	7.28E-04	6.33E-05	8.29E-06	4.08E-03	6.86E-04	4.33E-05	5.67E-06	4.09E-03	6.88E-04	2.51E-01	3.31E-02	3.06E-01	4.56E-02
2498	Gridded	4.34E-03	5.53E-04	5.01E-06	4.70E-07	2.22E-03	2.66E-04	4.68E-03	5.81E-04	4.63E-03	5.77E-04	4.32E-03	5.52E-04	5.78E-03	6.70E-04	5.78E-03	6.70E-04	8.04E-03	1.03E-03	4.68E-03	5.81E-04	6.95E-05	6.51E-06	4.33E-03	5.53E-04	4.76E-05	4.46E-06	4.35E-03	5.54E-04	2.74E-01	3.01E-02	3.37E-01	4.29E-02
2499	Gridded	3.53E-03	3.92E-04	3.99E-06	4.19E-07	1.80E-03	1.98E-04	3.80E-03	4.20E-04	3.76E-03	4.16E-04	3.52E-03	3.90E-04	4.67E-03	5.12E-04	4.67E-03	5.12E-04	6.54E-03	7.26E-04	3.80E-03	4.20E-04	5.54E-05	5.81E-06	3.53E-03	3.91E-04	3.79E-05	3.97E-06	3.53E-03	3.92E-04	2.50E-01	2.42E-02	3.37E-01	3.18E-02
2500	Gridded	4.09E-03	6.41E-04	3.94E-06	6.18E-07	1.80E-03	2.93E-04	4.13E-03	6.59E-04	4.13E-03	6.56E-04	4.08E-03	6.40E-04	4.37E-03	7.16E-04	4.37E-03	7.16E-04	7.58E-03	1.19E-03	4.13E-03	6.59E-04	5.47E-05	8.57E-06	4.08E-03	6.41E-04	3.74E-05	5.86E-06	4.09E-03	6.41E-04	1.90E-01	4.76E-02	4.31E-01	8.64E-02
2501	Gridded	6.59E-03	9.00E-04	3.71E-06	7.11E-07	3.00E-03	4.27E-04	6.76E-03	9.39E-04	6.74E-03	9.34E-04	6.58E-03	8.98E-04	7.32E-03	1.07E-03	7.32E-03	1.07E-03	1.22E-02	1.67E-03	6.76E-03	9.39E-04	5.15E-05	9.86E-06	6.58E-03	8.99E-04	3.52E-05	6.75E-06	6.59E-03	9.00E-04	1.68E-01	5.35E-02	3.91E-01	1.05E-01
2502	Gridded	5.44E-03	7.35E-04	4.96E-06	8.59E-07	2.68E-03	3.76E-04	5.77E-03	7.93E-04	5.72E-03	7.85E-04	5.42E-03	7.32E-04	6.86E-03	9.81E-04	6.86E-03	9.81E-04	1.01E-02	1.36E-03	5.77E-03	7.93E-04	6.88E-05	1.19E-05	5.43E-03	7.34E-04	4.71E-05	8.16E-06	5.44E-03	7.36E-04	2.18E-01	5.41E-02	4.10E-01	1.01E-01
2503	Gridded	4.19E-03	4.83E-04	5.34E-06	8.00E-07	2.05E-03	2.46E-04	4.44E-03	5.20E-04	4.40E-03	5.15E-04	4.18E-03	4.81E-04	5.24E-03	6.41E-04	5.24E-03	6.41E-04	7.77E-03	8.95E-04	4.44E-03	5.20E-04	7.41E-05	1.11E-05	4.19E-03	4.82E-04	5.07E-05	7.59E-06	4.19E-03	4.84E-04	2.04E-01	4.74E-02	4.13E-01	8.46E-02
2504	Gridded	2.75E-03	5.54E-04	4.57E-06	6.87E-07	1.50E-03	2.86E-04	3.06E-03	6.00E-04	3.02E-03	5.94E-04	2.74E-03	5.51E-04	4.06E-03	7.51E-04	4.06E-03	7.51E-04	5.10E-03	1.03E-03	3.06E-03	6.00E-04	6.34E-05	9.52E-06	2.75E-03	5.53E-04	4.34E-05	6.52E-06	2.76E-03	5.55E-04	2.20E-01	3.91E-02	3.84E-01	7.13E-02
2505	Gridded	2.40E-03	5.31E-04	3.41E-06	6.73E-07	1.12E-03	2.75E-04	2.49E-03	5.77E-04	2.47E-03	5.70E-04	2.39E-03	5.29E-04	2.77E-03	7.24E-04	2.77E-03	7.24E-04	4.45E-03	9.84E-04	2.49E-03	5.77E-04	4.73E-05	9.33E-06	2.40E-03	5.30E-04	3.24E-05	6.39E-06	2.40E-03	5.32E-04	2.30E-01	2.50E-02	4.08E-01	4.16E-02
2506	Gridded	2.23E-03	4.63E-04	3.78E-06	5.73E-07	1.13E-03	2.39E-04	2.40E-03	5.02E-04	2.37E-03	4.96E-04	2.22E-03	4.61E-04	2.92E-03	6.27E-04	2.92E-03	6.27E-04	4.14E-03	8.57E-04	2.40E-03	5.02E-04	5.24E-05	7.94E-06	2.23E-03	4.62E-04	3.59E-05	5.44E-06	2.23E-03	4.64E-04	1.49E-01	2.87E-02	3.99E-01	4.85E-02
2507	Gridded	3.34E-03	5.81E-04	4.91E-06	4.74E-07	1.78E-03	2.76E-04	3.67E-03	6.07E-04	3.63E-03	6.03E-04	3.32E-03	5.80E-04	4.75E-03	6.91E-04	4.75E-03	6.91E-04	6.18E-03	1.08E-03	3.67E-03	6.07E-04	6.81E-05	6.57E-06	3.33E-03	5.81E-04	4.66E-05	4.50E-06	3.35E-03	5.81E-04	2.08E-01	3.66E-02	4.43E-01	5.53E-02
2508	Gridded	3.07E-03	6.19E-04	2.67E-06	5.90E-07	1.51E-03	3.07E-04	3.25E-03	6.59E-04	3.23E-03	6.54E-04	3.06E-03	6.17E-04	3.84E-03	7.88E-04	3.84E-03	7.88E-04	5.69E-03	1.15E-03	3.25E-03	6.59E-04	3.71E-05	8.18E-06	3.07E-03	6.19E-04	2.54E-05	5.59E-06	3.07E-03	6.20E-04	2.22E-01	4.17E-02	4.12E-01	7.91E-02
2509	Gridded	2.17E-03	4.37E-04	2.48E-06	6.33E-07	1.10E-03	2.24E-04	2.34E-03	4.72E-04	2.31E-03	4.67E-04	2.16E-03	4.35E-04	2.87E-03	5.85E-04	2.87E-03	5.85E-04	4.02E-03	8.10E-04	2.34E-03	4.72E-04	3.44E-05	8.77E-06	2.17E-03	4.37E-04	2.35E-05	6.00E-06	2.17E-03	4.38E-04	1.75E-01	4.13E-02	4.22E-01	9.47E-02
2510	Gridded	2.04E-03	3.99E-04	2.34E-06	4.68E-07	9.91E-04	2.04E-04	2.15E-03	4.31E-04	2.13E-03	4.26E-04	2.04E-03	3.97E-04	2.59E-03	5.33E-04	2.59E-03	5.33E-04	3.78E-03	7.39E-04	2.15E-03	4.31E-04	3.24E-05	6.49E-06	2.04E-03	3.98E-04	2.22E-05	4.44E-06	2.04E-03	3.99E-04	1.51E-01	4.15E-02	4.15E-01	6.08E-02
2511	Gridded	2.70E-03	2.99E-04	2.71E-06	3.82E-07	1.35E-03	1.55E-04	2.89E-03	3.25E-04	2.86E-03	3.21E-04	2.69E-03	2.98E-04	3.48E-03	4.08E-04	3.48E-03	4.08E-04	5.01E-03	5.54E-04	2.89E-03	3.25E-04	3.75E-05	5.30E-06	2.70E-03	2.98E-04	2.57E-05	3.63E-06	2.70E-03	2.99E-04	1.75E-01	3.34E-02	4.91E-01	4.69E-02
2512	Gridded	2.84E-03	3.20E-04	2.85E-06	3.60E-07	1.34E-03	1.63E-04	2.96E-03	3.44E-04	2.94E-03	3.41E-04	2.84E-03	3.19E-04	3.32E-03	4.23E-04	3.32E-03	4.23E-04	5.28E-03	5.93E-04	2.96E-03	3.44E-04	3.95E-05	4.99E-06	2.84E-03	3.20E-04	2.70E-05	3.41E-06	2.85E-03	3.20E-04	1.48E-01	2.37E-02	3.81E-01	5.22E-02
2513	Gridded	2.85E-03	3.74E-04	3.25E-06	4.42E-07	1.45E-03	1.91E-04	3.07E-03	4.03E-04	3.04E-03	3.99E-04	2.84E-03	3.72E-04	3.78E-03	5.00E-04	3.78E-03	5.00E-04	5.28E-03	6.92E-04	3.07E-03	4.03E-04	4.51E-05	6.13E-06	2.85E-03	3.73E-04	3.09E-05	4.20E-06	2.85E-03	3.74E-04	1.55E-01	2.90E-02	3.69E-01	5.87E-02
2514	Gridded	2.45E-03	3.54E-04	3.52E-06	4.55E-07	1.19E-03	1.84E-04	2.58E-03	3.85E-04	2.56E-03	3.80E-04	2.44E-03	3.52E-04	3.01E-03	4.84E-04	3.01E-03	4.84E-04	4.54E-03	6.55E-04	2.58E-03	3.85E-04	4.88E-05	6.31E-06	2.45E-03	3.53E-04	3.34E-05	4.31E-06	2.45E-03	3.54E-04	1.56E-01	3.03E-02	5.06E-01	9.46E-02
2515	Gridded	3.47E-03	4.18E-04	3.62E-06	4.35E-07	1.64E-03	2.10E-04	3.61E-03	4.47E-04	3.59E-03	4.43E-04	3.46E-03	4.16E-04	4.27E-03	5.43E-04	4.27E-03	5.43E-04	6.44E-03	7.74E-04	3.61E-03	4.47E-04	5.02E-05	6.03E-06	3.47E-03	4.17E-04	3.44E-05	4.13E-06	3.47E-03	4.18E-04	1.91E-01	3.19E-02	5.43E-01	6.99E-02
2516	Gridded	4.80E-03	4.42E-04	4.52E-06	5.79E-07	2.23E-03	2.29E-04	4.96E-03	4.78E-04	4.94E-03	4.72E-04	4.79E-03	4.40E-04	5.50E-03	6.05E-04	5.50E-03	6.05E-04	8.90E-03	8.19E-04	4.96E-03	4.78E-04	6.27E-05	8.03E-06	4.79E-03	4.41E-04	4.29E-05	5.49E-06	4.80E-03	4.43E-04	2.51E-01	3.03E-02	4.91E-01	5.57E-02
2517	Gridded	6.10E-03	4.14E-04	6.59E-06	5.43E-07	3.08E-03	2.10E-04	6.54E-03	4.45E-04	6.48E-03	4.40E-04	6.07E-03	4.12E-04	7.98E-03	5.45E-04	7.98E-03	5.45E-04	1.13E-02	7.66E-04	6.54E-03	4.45E-04	9.14E-05	7.53E-06	6.09E-03	4.13E-04	6.25E-05	5.15E-06	6.10E-03	4.14E-04	2.41E-01	3.27E-02	5.45E-01	5.40E-02
2518	Gridded	5.04E-03	3.86E-04	4.26E-06	3.79E-07	2.44E-03	1.92E-04	5.31E-03	4.12E-04	5.27E-03	4.08E-04	5.03E-03	3.85E-04	6.17E-03	4.95E-04	6.17E-03	4.95E-04	9.35E-03	7.16E-04	5.31E-03	4.12E-04	5.91E-05	5.26E-06	5.04E-03	3.86E-04	4.04E-05	3.60E-06	5.05E-03	3.87E-04	2.62E-01	2.96E-02	5.66E-01	5.57E-02
2519	Gridded	2.73E-03	2.89E-04	4.40E-06	3.34E-07	1.48E-03	1.41E-04	3.03E-03	3.06E-04	2.99E-03	3.03E-04	2.71E-03	2.88E-04	3.99E-03	3.59E-04	3.99E-03	3.59E-04	5.05E-03	5.36E-04	3.03E-03	3.06E-04	6.11E-05	4.63E-06	2.72E-03	2.89E-04	4.18E-05	3.17E-06	2.73E-03	2.89E-04	2.45E-01	3.08E-02	5.75E-01	5.09E-02
2520	Gridded	1.92E-03	2.41E-04	2.44E-06	3.15E-07	9.94E-04	1.24E-04	2.08E-03	2.61E-04	2.06E-03	2.58E-04	1.91E-03	2.40E-04	2.62E-03	3.24E-04	2.62E-03	3.24E-04	3.55E-03	4.47E-04	2.08E-03	2.61E-04	3.39E-05	4.37E-06	1.91E-03	2.41E-04	2.32E-05	2.99E-06	1.92E-03	2.42E-04	1.66E-01	2.30E-02	2.83E-01	3.67E-02
2521	Gridded	1.92E-03	3.05E-04	1.67E-06	3.67E-07	9.42E-04	1.56E-04	2.04E-03	3.29E-04	2.02E-03	3.26E-04	1.92E-03	3.03E-04	2.40E-03	4.10E-04	2.40E-03	4.10E-04	3.56E-03	5.64E-04	2.04E-03	3.29E-04	2.31E-05	5.09E-06	1.92E-03	3.04E-04	1.58E-05	3.48E-06	1.92E-03	3.05E-04	1.11E-01	1.75E-02	2.27E-01	2.64E-02
2522	Gridded	2.68E-03	3.90E-04	2.39E-06	4.55E-07	1.32E-03	1.99E-04	2.84E-03	4.21E-04	2.82E-03	4.16E-04	2.67E-03	3.88E-04	3.36E-03	5.20E-04	3.36E-03	5.20E-04	4.96E-03	7.22E-04	2.84E-03	4.21E-04	3.31E-05	6.30E-06	2.67E-03	3.89E-04	2.27E-05	4.31E-06	2.68E-03	3.90E-04	1.24E-01	2.57E-02	3.65E-01	3.93E-02
2523	Gridded	3.08E-03	3.40E-04	3.08E-06	3.86E-07	1.54E-03	1.73E-04	3.28E-03	3.66E-04	3.25E-03	3.62E-04	3.06E-03	3.38E-04	3.96E-03	4.50E-04	3.96E-03	4.50E-04	5.70E-03	6.30E-04	3.28E-03	3.66E-04	4.28E-05	5.35E-06	3.07E-03	3.39E-04	2.93E-05	3.66E-06	3.08E-03	3.40E-04	1.37E-01	2.87E-02	3.72E-01	4.39E-02
2524	Gridded	2.55E-03	3.09E-04	3.27E-06	4.06E-07	1.32E-03	1.61E-04	2.77E-03	3.37E-04	2.74E-03	3.33E-04	2.54E-03	3.08E-04	3.48E-03	4.26E-04	3.48E-03	4.26E-04	4.72E-03	5.73E-04	2.77E-03	3.37E-04	4.53E-05	5.64E-06	2.54E-03	3.09E-04	3.10E-05	3.86E-06	2.55E-03	3.10E-04	1.93E-01	2.70E-02	3.85E-01	4.85E-02
2525	Gridded	1.60E-03	3.52E-04	2.46E-06	5.08E-07	7.82E-04	1.87E-04	1.61E-03	3.86E-04	1.61E-03	3.81E-04	1.60E-03	3.50E-04	2.12E-03	4.97E-04	2.12E-03	4.97E-04	2.97E-03	6.51E-04	1.61E-03	3.86E-04	3.42E-05	7.05E-06	1.60E-03	3.51E-04	2.34E-05	4.82E-06	1.60E-03	3.52E-04	1.72E-01	2.81E-02	3.99E-01	4.47E-02
2526	Gridded	2.01E-03	4.07E-04	1.91E-06	4.64E-07	9.84E-04	2.07E-04	2.12E-03	4.38E-04	2.11E-03	4.34E-04	2.00E-03	4.05E-04	2.51E-03	5.40E-04	2.51E-03	5.40E-04	3.72E-03	7.54E-04	2.12E-03	4.38E-04	2.65E-05	6.43E-06	2.00E-03	4.06E-04	1.81E-05	4.40E-06	2.01E-03	4.07E-04	1.07E-01	3.09E-02	2.09E-01	4.48E-02
2527	Gridded	2.04E-03	4.30E-04	1.94E-06	5.25E-07	9.97E-04	2.21E-04	2.15E-03	4.65E-04	2.14E-03	4.60E-04	2.03E-03	4.28E-04	2.54E-03	5.80E-04	2.54E-03	5.80E-04	3.77E-03	7.96E-04	2.15E-03	4.65E-04	2.69E-05	7.28E-06	2.03E-03	4.29E-04	1.84E-05	4.98E-06	2.04E-03	4.30E-04	1.05E-01	2.65E-02	3.06E-01	4.55E-02
2528	Gridded	2.15E-03	4.44E-04	2.45E-06	5.35E-07	9.78E-04	2.28E-04	2.18E-03	4.80E-04	2.18E-03	4.75E-04	2.15E-03	4.42E-04	2.52E-03	5.98E-04	2.52E-03	5.98E-04	4.00E-03	8.23E-04	2.18E-03	4.80E-04	3.39E-05	7.42E-06	2.15E-03	4.44E-04	2.32E-05	5.08E-06	2.15E-03	4.45E-04	1.06E-01	2.42E-02	1.90E-01	3.69E-02
2529	Gridded	3.61E-03	4.21E-04	2.55E-06	4.84E-07	1.63E-03	2.15E-04	3.69E-03	4.54E-04	3.68E-03	4.49E-04	3.60E-03	4.20E-04	3.96E-03	5.60E-04	3.96E-03	5.60E-04	6.70E-03	7.80E-04	3.69E-03	4.54E-04	3.54E-05	6.71E-06	3.61E-03	4.21E-04	2.42E-05	4.59E-06	3.61E-03	4.22E-04	1.09E-01	2.76E-02	2.28E-01	4.60E-02
2530	Gridded	4.15E-03	4.36E-04	4.23E-06	3.97E-07	2.02E-03	2.15E-04	4.37E-03	4.63E-04	4.33E-03	4.60E-04	4.14E-03	4.35E-04	5.17E-03	5.50E-04	5.17E-03	5.50E-04	7.70E-03	8.09E-04	4.37E-03	4.63E-04	5.86E-05	5.51E-06	4.15E-03	4.36E-04	4.01E-05	3.77E-06	4.15E-03	4.37E-04	1.14E-01	2.75E-02	2.45E-01	3.93E-02
2531	Gridded	4.79E-03	3.96E-04	4.63E-06	5.56E-07	2.33E-03	1.97E-04	5.06E-03	4.10E-04	5.02E-03	4.08E-04	4.78E-03	3.95E-04	5.93E-03	5.28E-04	5.93E-03	5.28E-04	8.88E-03	7.34E-04	5.06E-03	4.10E-04	6.42E-05	7.71E-06	4.79E-03	3.95E-04	4.39E-05	5.28E-06	4.80E-03	3.96E-04	1.43E-01	3.22E-02	2.39E-01	5.50E-02
2532	Gridded	4.25E-03	3.82E-04	4.29E-06	3.86E-07	2.07E-03	1.91E-04	4.49E-03	4.09E-04	4.46E-03	4.05E-04	4.24E-03	3.81E-04	5.27E-03	4.93E-04	5.27E-03	4.93E-04	7.88E-03	7.08E-04	4.49E-03	4.09E-04	5.95E-05	5.36E-06	4.24E-03	3.82E-04	4.07E-05	3.67E-06	4.25E-03	3.83E-04	2.60E-01	3.41E-02	3.02E-01	5.00E-02
2533	Gridded	3.25E-03	3.99E-04	4.04E-06	4.12E-07	1.59E-03	2.00E-04	3.44E-03	4.26E-04	3.41E-03	4.23E-04	3.24E-03	3.97E-04	4.07E-03	5.17E-04	4.07E-03	5.17E-04	6.02E-03	7.38E-04	3.44E-03	4.26E-04	5.60E-05	5.71E-06	3.24E-03	3.98E-04	3.83E-05	3.91E-06	3.25E-03	3.99E-04	3.68E-01	3.06E-02	9.02E-01	5.96E-02
2534	Gridded	3.07E-03	4.42E-04	3.64E-06	4.34E-07	1.49E-03	2.18E-04	3.23E-03	4.69E-04	3.21E-03	4.66E-04	3.06E-03	4.41E-04	3.78E-03	5.57E-04	3.78E-03	5.57E-04	5.69E-03	8.20E-04	3.23E-03	4.69E-04	5.04E-05	6.02E-06	3.06E-03	4.42E-04	3.45E-05	4.12E-06	3.07E-03	4.43E-04	4.20E-01	3.21E-02	1.26E+00	6.35E-02
2535	Gridded	2.62E-03	4.85E-04	4.20E-06	4.29E-07	1.32E-03	2.38E-04	2.79E-03	5.14E-04	2.77E-03	5.10E-04	2.61E-03	4.83E-04	3.41E-03	6.08E-04	3.41E-03	6.08E-04	4.85E-03	8.98E-04	2.79E-03	5.14E-04	5.83E-05	5.95E-06	2.62E-03	4.84E-04	3.99E-05	4.07E-06	2.62E-03	4.85E-04	3.26E-01	2.97E-02	7.90E-01	7.16E-02
2536	Gridded	2.74E-03	4.10E-04	3.03E-06	4.17E-07	1.37E-03	2.04E-04	2.93E-03	4.37E-04	2.91E-03	4.33E-04	2.73E-03	4.08E-04	3.55E-03	5.26E-04	3.55E-03	5.26E-04	5.08E-03	7.59E-04	2.93E-03	4.37E-04	4.21E-05	5.78E-06	2.74E-03	4.09E-04	2.88E-05	3.96E-06	2.74E-03	4.10E-04	1.55E-01	2.82E-02	3.59E-01	4.71E-02
2537	Gridded	3.72E-03	4.61E-04	3.14E-06	4.61E-07	1.81E-03	2.25E-04	3.93E-03	4.87E-04	3.90E-03	4.83E-04	3.71E-03	4.59E-04	4.61E-03	5.74E-04	4.61E-03	5.74E-04	6.89E-03	8.54E-04	3.93E-03	4.87E-04	4.36E-05	6.39E-06	3.71E-03	4.60E-04	2.98E-05	4.37E-06	3.72E-03	4.61E-04	1.76E-01	2.84E-02	3.99E-01	4.51E-02
2538	Gridded	3.60E-03	4.77E-04	4.21E-06	5.05E-07	1.68E-03	2.40E-04	3.73E-03	5.11E-04	3.71E-03	5.06E-04	3.59E-03	4.75E-04	4.16E-03	6.22E-04	4.16E-03	6.22E-04	6.68E-03	8.84E-04	3.73E-03	5.11E-04	5.84E-05	7.00E-06	3.60E-03	4.76E-04	4.00E-05	4.79E-06	3.60E-03	4.78E-04	1.89E-01	2.85E-02	4.40E-01	6.27E-02
2539	Gridded	3.73E-03	6.34E-04	3.94E-06	6.06E-07	1.83E-03	3.15E-04	3.95E-03	6.75E-04	3.92E-03	6.69E-04	3.72E-03	6.32E-04	4.66E-03	8.08E-04	4.66E-03	8.08E-04	6.91E-03	1.18E-03	3.95E-03	6.75E-04	5.47E-05	8.41E-06	3.73E-03	6.33E-04	3.74E-05	5.76E-06	3.73E-03	6.35E-04	2.32E-01	2.79E-02	3.53E-01	5.36E-02
2540	Gridded	3.26E-03	5.87E-04	4.03E-06	5.33E-07	1.61E-03	2.89E-04	3.45E-03	6.23E-04	3.42E-03	6.18E-04	3.26E-03	5.85E-04	4.17E-03	7.40E-04	4.17E-03	7.40E-04	6.05E-03	1.09E-03	3.45E-03	6.23E-04	5.59E-05	7.40E-06	3.26E-03	5.86E-04	3.83E-05	5.06E-06	3.27E-03	5.88E-04	1.94E-01	3.13E-02	3.33E-01	4.20E-02
2541	Gridded	3.47E-03	5.05E-04	3.53E-06	4.62E-07	1.69E-03	2.45E-04	3.67E-03	5.32E-04	3.64E-03	5.29E-04	3.46E-03	5.04E-04	4.30E-03	6.19E-04	4.30E-03	6.19E-04	6.44E-03	9.37E-04	3.67E-03	5.32E-04	4.89E-05	6.41E-06	3.47E-03	5.05E-04	3.35E-05	4.39E-06	3.48E-03	5.06E-04	1.68E-01	2.80E-02	3.49E-01	3.96E-02
2542	Gridded	3.17E-03	6.00E-04	3.07E-06	5.95E-07	1.58E-03	2.99E-04	3.38E-03	6.40E-04	3.35E-03	6.34E-04	3.16E-03	5.98E-04	4.05E-03	7.70E-04	4.05E-03	7.70E-04	5.87E-03	1.11E-03	3.38E-03	6.40E-04	4.26E-05	8.25E-06	3.17E-03	5.99E-04	2.91E-05	5.64E-06	3.17E-03	6.00E-04	1.72E-01	2.43E-02	2.85E-01	3.04E-02
2543	Gridded	3.25E-03	6.23E-04	2.68E-06	5.56E-07	1.58E-03	3.06E-04	3.43E-03	6.60E-04	3.41E-03	6.55E-04	3.24E-03	6.21E-04	4.02E-03	7.82E-04	4.02E-03	7.82E-04	6.03E-03	1.15E-03	3.43E-03	6.60E-04	3.72E-05	7.71E-06	3.25E-03	6.22E-04	2.55E-05	5.28E-06	3.25E-03	6.23E-04	2.02E-01	2.93E-02	3.54E-01	3.33E-02
2544	Gridded	3.23E-03	5.31E-04	3.88E-06	5.00E-07	1.57E-03	2.63E-04	3.41E-03	5.65E-04	3.38E-03	5.60E-04	3.22E-03	5.29E-04	3.97E-03	6.74E-04	3.97E-03	6.74E-04	6.00E-03	9.84E-04	3.41E-03	5.65E-04	5.38E-05	6.93E-06	3.23E-03	5.30E-04	3.68E-05	4.74E-06	3.24E-03	5.32E-04	1.95E-01	2.81E-02	3.10E-01	3.43E-02
2545	Gridded	4.42E-03	5.09E-04	4.89E-06	4.79E-07	2.24E-03	2.52E-04	4.75E-03	5.42E-04	4.71E-03	5.37E-04	4.40E-03	5.07E-04	5.82E-03	6.46E-04	5.82E-03	6.46E-04	8.19E-03	9.44E-04	4.75E-03	5.42E-04	6.79E-05	6.64E-06	4.42E-03	5.09E-04	4.64E-05	4.54E-06	4.43E-03	5.10E-04	1.75E-01	3.10E-02	2.70E-01	3.82E-02
2546	Gridded	5.38E-03	5.03E-04	4.30E-06	4.55E-07	2.61E-03	2.48E-04	5.67E-03	5.34E-04	5.63E-03	5.30E-04	5.36E-03	5.02E-04	6.61E-03	6.34E-04	6.61E-03	6.34E-04	9.97E-03	9.33E-04	5.67E-03	5.34E-04	5.96E-05	6.30E-06	5.37E-03	5.03E-04	4.08E-05	4.31E-06	5.38E-03	5.04E-04	2.18E-01	3.18E-02	2.82E-01	4.22E-02
2547	Gridded	5.00E-03	5.53E-04	3.27E-06	5.25E-07	2.35E-03	2.71E-04	5.20E-03	5.86E-04	5.17E-03	5.81E-04	4.99E-03	5.52E-04	5.84E-03	6.91E-04	5.84E-03	6.91E-04	9.27E-03	1.03E-03	5.20E-03	5.86E-04	4.54E-05	7.28E-06	5.00E-03	5.53E-04	3.11E-05	4.98E-06	5.00E-03	5.54E-04	2.18E-01	2.98E-02	3.00E-01	4.25E-02
2548	Gridded	3.50E-03	5.95E-04	3.18E-06	5.84E-07	1.67E-03	2.83E-04	3.61E-03	6.22E-04	3.58E-03	6.18E-04	3.49E-03	5.94E-04	4.26E-03	7.22E-04	4.26E-03	7.22E-04	6.49E-03	1.10E-03	3.61E-03	6.22E-04	4.41E-05	8.10E-06	3.50E-03	5.95E-04	3.02E-05	5.55E-06	3.50E-03	5.96E-04	1.94E-01	2.60E-02	2.58E-01	3.85E-02
2549	Gridded	3.38E-03	6.05E-04	3.48E-06	5.46E-07	1.69E-03	2.98E-04	3.60E-03	6.41E-04	3.56E-03	6.36E-04	3.37E-03	6.02E-04	4.36E-03	7.61E-04	4.36E-03	7.61E-04	6.27E-03	1.12E-03	3.60E-03	6.41E-04	4.83E-05	7.57E-06	3.38E-03	6.04E-04	3.30E-05	5.18E-06	3.38E-03	6.05E-04	1.96E-01	2.93E-02	2.58E-01	3.99E-02

Scenario 4 Results

2550 Gridded	3.35E-03	4.95E-04	3.53E-06	3.83E-07	1.64E-03	2.39E-04	3.53E-03	5.21E-04	3.51E-03	5.17E-04	3.34E-03	4.94E-04	4.26E-03	6.05E-04	4.26E-03	6.05E-04	6.20E-03	9.18E-04	3.53E-03	5.21E-04	4.89E-05	5.31E-06	3.34E-03	4.95E-04	3.35E-05	3.63E-06	3.35E-03	4.95E-04	2.08E-01	2.63E-02	2.65E-01	3.74E-02
2551 Gridded	7.52E-03	1.04E-03	4.21E-06	8.36E-07	3.45E-03	4.92E-04	7.74E-03	1.08E-03	7.71E-03	1.08E-03	7.51E-03	1.04E-03	8.42E-03	1.23E-03	8.42E-03	1.23E-03	1.40E-02	1.92E-03	7.74E-03	1.08E-03	5.84E-05	1.16E-05	7.52E-03	1.04E-03	3.99E-05	7.94E-06	7.53E-03	1.04E-03	1.80E-01	5.46E-02	3.76E-01	1.02E-01
2552 Gridded	5.95E-03	7.91E-04	5.47E-06	9.26E-07	2.90E-03	4.04E-04	6.23E-03	8.54E-04	6.17E-03	8.45E-04	5.94E-03	7.88E-04	7.42E-03	1.06E-03	7.42E-03	1.06E-03	1.10E-02	1.47E-03	6.23E-03	8.54E-04	7.59E-05	1.28E-05	5.95E-03	7.90E-04	5.19E-05	8.79E-06	5.95E-03	7.92E-04	2.26E-01	5.42E-02	4.22E-01	1.01E-01
2553 Gridded	4.92E-03	5.17E-04	6.13E-06	9.14E-07	2.42E-03	2.62E-04	5.22E-03	5.56E-04	5.18E-03	5.51E-04	4.91E-03	5.15E-04	6.19E-03	7.02E-04	6.19E-03	7.02E-04	9.13E-03	9.58E-04	5.22E-03	5.56E-04	8.50E-05	1.27E-05	4.92E-03	5.16E-04	5.82E-05	8.67E-06	4.93E-03	5.18E-04	2.08E-01	4.96E-02	4.35E-01	8.99E-02
2554 Gridded	3.92E-03	6.52E-04	6.34E-06	8.04E-07	2.10E-03	3.36E-04	4.29E-03	7.07E-04	4.23E-03	6.99E-04	3.90E-03	6.49E-04	5.68E-03	8.83E-04	5.68E-03	8.83E-04	7.26E-03	1.21E-03	4.29E-03	7.07E-04	8.79E-05	1.12E-05	3.91E-03	6.51E-04	6.01E-05	7.63E-06	3.92E-03	6.53E-04	2.65E-01	4.42E-02	4.45E-01	8.47E-02
2555 Gridded	3.55E-03	6.58E-04	5.27E-06	8.42E-07	1.65E-03	3.41E-04	3.67E-03	7.15E-04	3.65E-03	7.07E-04	3.55E-03	6.55E-04	4.09E-03	8.99E-04	4.09E-03	8.99E-04	6.59E-03	1.22E-03	3.67E-03	7.15E-04	7.31E-05	1.17E-05	3.55E-03	6.57E-04	5.00E-05	7.99E-06	3.56E-03	6.59E-04	3.02E-01	3.08E-02	5.09E-01	5.35E-02
2556 Gridded	3.10E-03	5.26E-04	4.34E-06	6.69E-07	1.54E-03	2.73E-04	3.30E-03	5.72E-04	3.27E-03	5.65E-04	3.09E-03	5.24E-04	3.95E-03	7.18E-04	3.95E-03	7.18E-04	5.74E-03	9.75E-04	3.30E-03	5.72E-04	6.02E-05	9.28E-06	3.09E-03	5.25E-04	4.12E-05	6.35E-06	3.10E-03	5.27E-04	1.90E-01	2.88E-02	4.46E-01	5.41E-02
2557 Gridded	3.70E-03	5.87E-04	5.63E-06	4.91E-07	1.98E-03	2.77E-04	4.08E-03	6.11E-04	4.02E-03	6.07E-04	3.68E-03	5.86E-04	5.31E-03	6.89E-04	5.31E-03	6.89E-04	6.84E-03	1.09E-03	4.08E-03	6.11E-04	7.81E-05	6.81E-06	3.69E-03	5.86E-04	5.35E-05	4.66E-06	3.70E-03	5.87E-04	2.12E-01	3.51E-02	4.73E-01	5.85E-02
2558 Gridded	3.47E-03	6.47E-04	3.42E-06	5.41E-07	1.73E-03	3.15E-04	3.70E-03	6.83E-04	3.67E-03	6.78E-04	3.46E-03	6.45E-04	4.45E-03	8.01E-04	4.45E-03	8.01E-04	6.43E-03	1.20E-03	3.70E-03	6.83E-04	4.74E-05	7.50E-06	3.47E-03	6.46E-04	3.24E-05	5.13E-06	3.47E-03	6.47E-04	2.29E-01	3.95E-02	4.19E-01	7.05E-02
2559 Gridded	2.56E-03	4.88E-04	2.88E-06	6.94E-07	1.30E-03	2.58E-04	2.76E-03	5.35E-04	2.73E-03	5.28E-04	2.55E-03	4.85E-04	3.39E-03	6.87E-04	3.39E-03	6.87E-04	4.74E-03	9.03E-04	2.76E-03	5.35E-04	4.00E-05	9.62E-06	2.56E-03	4.87E-04	2.73E-05	6.58E-06	2.56E-03	4.88E-04	1.97E-01	4.22E-02	4.29E-01	1.00E-01
2560 Gridded	1.94E-03	4.01E-04	2.42E-06	4.93E-07	9.77E-04	2.05E-04	2.08E-03	4.32E-04	2.06E-03	4.28E-04	1.93E-03	3.99E-04	2.53E-03	5.34E-04	2.53E-03	5.34E-04	3.60E-03	7.42E-04	2.08E-03	4.32E-04	3.36E-05	6.83E-06	1.94E-03	4.00E-04	2.30E-05	4.68E-06	1.94E-03	4.01E-04	1.51E-01	4.06E-02	4.44E-01	7.25E-02
2561 Gridded	2.32E-03	3.11E-04	2.19E-06	3.81E-07	1.15E-03	1.60E-04	2.47E-03	3.37E-04	2.45E-03	3.33E-04	2.31E-03	3.10E-04	2.95E-03	4.20E-04	2.95E-03	4.20E-04	4.30E-03	5.76E-04	2.47E-03	3.37E-04	3.04E-05	5.28E-06	2.32E-03	3.11E-04	2.08E-05	3.61E-06	2.32E-03	3.12E-04	1.52E-01	3.39E-02	3.98E-01	4.15E-02
2562 Gridded	2.27E-03	2.71E-04	2.78E-06	3.00E-07	1.09E-03	1.37E-04	2.34E-03	2.91E-04	2.33E-03	2.88E-04	2.27E-03	2.69E-04	2.88E-03	3.56E-04	2.88E-03	3.56E-04	4.21E-03	5.01E-04	2.34E-03	2.91E-04	3.86E-05	4.16E-06	2.27E-03	2.70E-04	2.64E-05	2.85E-06	2.27E-03	2.71E-04	1.47E-01	2.40E-02	4.14E-01	4.52E-02
2563 Gridded	2.74E-03	3.31E-04	2.45E-06	3.81E-07	1.35E-03	1.69E-04	2.90E-03	3.57E-04	2.88E-03	3.53E-04	2.73E-03	3.30E-04	3.44E-03	4.40E-04	3.44E-03	4.40E-04	5.07E-03	6.14E-04	2.90E-03	3.57E-04	3.40E-05	5.28E-06	2.73E-03	3.31E-04	2.33E-05	3.61E-06	2.74E-03	3.32E-04	1.32E-01	2.26E-02	2.90E-01	4.43E-02
2564 Gridded	1.85E-03	3.49E-04	3.22E-06	4.31E-07	9.79E-04	1.80E-04	1.97E-03	3.78E-04	1.95E-03	3.74E-04	1.84E-03	3.47E-04	2.68E-03	4.72E-04	2.68E-03	4.72E-04	3.43E-03	6.46E-04	1.97E-03	3.78E-04	4.46E-05	5.97E-06	1.85E-03	3.48E-04	3.05E-05	4.09E-06	1.85E-03	3.49E-04	1.45E-01	2.61E-02	3.96E-01	7.41E-02
2565 Gridded	2.19E-03	2.79E-04	2.24E-06	3.52E-07	1.10E-03	1.40E-04	2.34E-03	2.98E-04	2.32E-03	2.95E-04	2.18E-03	2.78E-04	2.83E-03	3.68E-04	2.83E-03	3.68E-04	4.05E-03	5.18E-04	2.34E-03	2.98E-04	3.10E-05	4.88E-06	2.18E-03	2.79E-04	2.12E-05	3.34E-06	2.19E-03	2.80E-04	1.33E-01	2.75E-02	4.13E-01	6.24E-02
2566 Gridded	2.75E-03	4.02E-04	3.28E-06	4.60E-07	1.38E-03	2.05E-04	2.94E-03	4.33E-04	2.91E-03	4.29E-04	2.74E-03	4.00E-04	3.56E-03	5.34E-04	3.56E-03	5.34E-04	5.09E-03	7.45E-04	2.94E-03	4.33E-04	4.54E-05	6.38E-06	2.74E-03	4.01E-04	3.11E-05	4.37E-06	2.75E-03	4.03E-04	1.84E-01	2.77E-02	4.64E-01	4.98E-02
2567 Gridded	4.62E-03	3.75E-04	3.34E-06	4.46E-07	2.22E-03	1.89E-04	4.85E-03	4.02E-04	4.82E-03	3.98E-04	4.61E-03	3.73E-04	5.58E-03	4.91E-04	5.58E-03	4.91E-04	8.57E-03	6.94E-04	4.85E-03	4.02E-04	4.64E-05	6.18E-06	4.62E-03	3.74E-04	3.17E-05	4.23E-06	4.63E-03	3.75E-04	1.86E-01	2.63E-02	4.25E-01	4.94E-02
2568 Gridded	4.13E-03	3.46E-04	5.75E-06	4.53E-07	2.04E-03	1.76E-04	4.26E-03	3.72E-04	4.24E-03	3.69E-04	4.12E-03	3.45E-04	5.45E-03	4.57E-04	5.45E-03	4.57E-04	7.66E-03	6.41E-04	4.26E-03	3.72E-04	7.98E-05	6.28E-06	4.13E-03	3.46E-04	5.46E-05	4.30E-06	4.13E-03	3.47E-04	1.93E-01	2.88E-02	4.19E-01	4.36E-02
2569 Gridded	4.94E-03	3.43E-04	5.11E-06	3.94E-07	2.46E-03	1.75E-04	5.27E-03	3.69E-04	5.22E-03	3.66E-04	4.92E-03	3.41E-04	6.33E-03	4.56E-04	6.33E-03	4.56E-04	9.15E-03	6.35E-04	5.27E-03	3.69E-04	7.09E-05	5.47E-06	4.93E-03	3.42E-04	4.85E-05	3.74E-06	4.94E-03	3.43E-04	2.41E-01	3.01E-02	5.44E-01	5.45E-02
2570 Gridded	2.20E-03	2.84E-04	3.63E-06	2.92E-07	1.12E-03	1.41E-04	2.37E-03	3.02E-04	2.34E-03	3.00E-04	2.19E-03	2.83E-04	2.91E-03	3.63E-04	2.91E-03	3.63E-04	4.07E-03	5.26E-04	2.37E-03	3.02E-04	5.04E-05	4.05E-06	2.19E-03	2.83E-04	3.45E-05	2.77E-06	2.20E-03	2.84E-04	2.20E-01	2.85E-02	5.20E-01	4.76E-02
2571 Gridded	1.80E-03	2.21E-04	2.40E-06	3.18E-07	9.40E-04	1.13E-04	1.96E-03	2.39E-04	1.94E-03	2.36E-04	1.79E-03	2.20E-04	2.48E-03	2.96E-04	2.48E-03	2.96E-04	3.33E-03	4.09E-04	1.96E-03	2.39E-04	3.33E-05	4.41E-06	1.79E-03	2.21E-04	2.28E-05	3.02E-06	1.80E-03	2.21E-04	1.34E-01	1.99E-02	2.74E-01	3.13E-02
2572 Gridded	2.00E-03	3.25E-04	1.78E-06	3.85E-07	9.81E-04	1.66E-04	2.12E-03	3.51E-04	2.10E-03	3.47E-04	2.00E-03	3.23E-04	2.50E-03	4.35E-04	2.50E-03	4.35E-04	3.71E-03	6.01E-04	2.12E-03	3.51E-04	2.47E-05	5.35E-06	2.00E-03	3.24E-04	1.69E-05	3.66E-06	2.01E-03	3.25E-04	1.21E-01	1.85E-02	2.68E-01	3.03E-02
2573 Gridded	2.73E-03	3.84E-04	2.42E-06	4.40E-07	1.34E-03	1.96E-04	2.89E-03	4.13E-04	2.87E-03	4.09E-04	2.72E-03	3.82E-04	3.42E-03	5.10E-04	3.42E-03	5.10E-04	5.06E-03	7.11E-04	2.89E-03	4.13E-04	3.36E-05	6.11E-06	2.73E-03	3.83E-04	2.30E-05	4.18E-06	2.73E-03	3.84E-04	1.29E-01	2.58E-02	3.70E-01	4.29E-02
2574 Gridded	3.04E-03	3.14E-04	3.05E-06	3.53E-07	1.52E-03	1.59E-04	3.25E-03	3.37E-04	3.22E-03	3.34E-04	3.03E-03	3.12E-04	3.92E-03	4.15E-04	3.92E-03	4.15E-04	5.64E-03	5.81E-04	3.25E-03	3.37E-04	4.23E-05	4.89E-06	3.04E-03	3.13E-04	2.90E-05	3.35E-06	3.05E-03	3.14E-04	1.32E-01	2.71E-02	3.78E-01	4.59E-02
2575 Gridded	2.46E-03	3.14E-04	3.13E-06	4.08E-07	1.28E-03	1.63E-04	2.67E-03	3.41E-04	2.64E-03	3.38E-04	2.45E-03	3.12E-04	3.36E-03	4.31E-04	3.36E-03	4.31E-04	4.55E-03	5.81E-04	2.67E-03	3.41E-04	4.35E-05	5.65E-06	2.46E-03	3.13E-04	2.97E-05	3.87E-06	2.46E-03	3.14E-04	1.93E-01	2.77E-02	3.92E-01	5.06E-02
2576 Gridded	1.41E-03	3.37E-04	2.32E-06	4.84E-07	7.47E-04	1.78E-04	1.52E-03	3.69E-04	1.50E-03	3.65E-04	1.41E-03	3.35E-04	2.03E-03	4.75E-04	2.03E-03	4.75E-04	2.61E-03	6.23E-04	1.52E-03	3.69E-04	3.22E-05	6.71E-06	1.41E-03	3.36E-04	2.20E-05	4.59E-06	1.41E-03	3.37E-04	1.60E-01	2.69E-02	3.73E-01	4.12E-02
2577 Gridded	1.94E-03	3.85E-04	1.84E-06	4.36E-07	9.55E-04	1.96E-04	2.06E-03	4.15E-04	2.04E-03	4.10E-04	1.94E-03	3.83E-04	2.44E-03	5.10E-04	2.44E-03	5.10E-04	3.60E-03	7.13E-04	2.06E-03	4.15E-04	2.55E-05	6.05E-06	1.94E-03	3.84E-04	1.75E-05	4.14E-06	1.94E-03	3.85E-04	9.90E-02	2.96E-02	1.97E-01	4.29E-02
2578 Gridded	2.01E-03	4.18E-04	1.91E-06	5.05E-07	9.88E-04	2.15E-04	2.13E-03	4.52E-04	2.11E-03	4.48E-04	2.00E-03	4.16E-04	2.52E-03	5.63E-04	2.52E-03	5.63E-04	3.72E-03	7.74E-04	2.13E-03	4.52E-04	2.65E-05	7.00E-06	2.01E-03	4.17E-04	1.81E-05	4.79E-06	2.01E-03	4.19E-04	1.02E-01	2.50E-02	3.04E-01	4.65E-02
2579 Gridded	1.94E-03	4.31E-04	2.30E-06	5.15E-07	9.23E-04	2.21E-04	2.02E-03	4.66E-04	2.01E-03	4.61E-04	1.93E-03	4.29E-04	2.36E-03	5.78E-04	2.36E-03	5.78E-04	3.59E-03	7.98E-04	2.02E-03	4.66E-04	3.18E-05	7.14E-06	1.93E-03	4.30E-04	2.18E-05	4.89E-06	1.94E-03	4.31E-04	1.02E-01	2.28E-02	1.87E-01	3.27E-02
2580 Gridded	3.21E-03	4.01E-04	2.42E-06	4.63E-07	1.42E-03	2.04E-04	3.26E-03	4.32E-04	3.25E-03	4.28E-04	3.21E-03	3.99E-04	3.41E-03	5.33E-04	3.41E-03	5.33E-04	5.97E-03	7.42E-04	3.26E-03	4.32E-04	3.36E-05	6.42E-06	3.21E-03	4.00E-04	2.30E-05	4.39E-06	3.22E-03	4.01E-04	1.04E-01	2.57E-02	2.21E-01	4.39E-02
2581 Gridded	4.40E-03	4.28E-04	3.51E-06	3.35E-07	2.01E-03	2.07E-04	4.52E-03	4.50E-04	4.50E-03	4.47E-04	4.40E-03	4.27E-04	4.88E-03	5.22E-04	4.88E-03	5.22E-04	8.17E-03	7.94E-04	4.52E-03	4.50E-04	4.87E-05	4.65E-06	4.40E-03	4.28E-04	3.33E-05	3.18E-06	4.40E-03	4.28E-04	1.09E-01	2.66E-02	2.35E-01	3.67E-02
2582 Gridded	4.91E-03	4.43E-04	5.13E-06	5.58E-07	2.40E-03	2.29E-04	5.19E-03	4.81E-04	5.15E-03	4.76E-04	4.90E-03	4.41E-04	6.10E-03	6.03E-04	6.10E-03	6.03E-04	9.10E-03	8.21E-04	5.19E-03	4.81E-04	7.12E-05	7.74E-06	4.91E-03	4.42E-04	4.87E-05	5.30E-06	4.91E-03	4.44E-04	1.30E-01	2.95E-02	2.48E-01	4.88E-02
2583 Gridded	4.92E-03	3.60E-04	4.09E-06	4.26E-07	2.39E-03	1.82E-04	5.18E-03	3.87E-04	5.15E-03	3.83E-04	4.90E-03	3.59E-04	6.05E-03	4.73E-04	6.05E-03	4.73E-04	9.11E-03	6.68E-04	5.18E-03	3.87E-04	5.67E-05	5.91E-06	4.91E-03	3.60E-04	3.88E-05	4.05E-06	4.92E-03	3.61E-04	2.22E-01	3.48E-02	3.18E-01	5.62E-02
2584 Gridded	4.05E-03	3.93E-04	4.23E-06	3.92E-07	1.97E-03	1.92E-04	4.28E-03	4.15E-04	4.25E-03	4.12E-04	4.04E-03	3.92E-04	5.01E-03	4.87E-04	5.01E-03	4.87E-04	7.51E-03	7.28E-04	4.28E-03	4.15E-04	5.87E-05	5.44E-06	4.05E-03	3.92E-04	4.01E-05	3.72E-06	4.06E-03	3.93E-04	3.40E-01	3.13E-02	6.59E-01	5.23E-02
2585 Gridded	3.18E-03	4.27E-04	3.24E-06	4.27E-07	1.49E-03	2.12E-04	3.30E-03	4.54E-04	3.28E-03	4.50E-04	3.17E-03	4.25E-04	3.82E-03	5.43E-04	3.82E-03	5.43E-04	5.90E-03	7.91E-04	3.30E-03	4.54E-04	4.49E-05	5.93E-06	3.18E-03	4.26E-04	3.07E-05	4.05E-06	3.18E-03	4.27E-04	4.20E-01	3.21E-02	1.23E+00	6.37E-02
2586 Gridded	2.85E-03	4.36E-04	3.93E-06	4.35E-07	1.45E-03	2.16E-04	3.05E-03	4.64E-04	3.02E-03	4.60E-04	2.84E-03	4.34E-04	3.87E-03	5.55E-04	3.87E-03	5.55E-04	5.27E-03	8.07E-04	3.05E-03	4.64E-04	5.44E-05	6.03E-06	2.84E-03	4.35E-04	3.72E-05	4.12E-06	2.85E-03	4.36E-04	3.81E-01	2.94E-02	1.02E+00	6.86E-02
2587 Gridded	2.72E-03	4.49E-04	4.10E-06	3.90E-07	1.25E-03	2.18E-04	2.80E-03	4.73E-04	2.78E-03	4.70E-04	2.71E-03	4.48E-04	3.20E-03	5.51E-04	3.20E-03	5.51E-04	5.04E-03	8.33E-04	2.80E-03	4.73E-04	5.68E-05	5.40E-06	2.72E-03	4.49E-04	3.89E-05	3.70E-06	2.72E-03	4.50E-04	2.22E-01	2.76E-02	4.74E-01	5.95E-02
2588 Gridded	3.51E-03	4.35E-04	3.16E-06	4.64E-07	1.73E-03	2.16E-04	3.72E-03	4.63E-04	3.69E-03	4.59E-04	3.50E-03	4.33E-04	4.41E-03	5.54E-04	4.41E-03	5.54E-04	6.50E-03	8.06E-04	3.72E-03	4.63E-04	4.39E-05	6.44E-06	3.50E-03	4.34E-04	3.00E-05	4.40E-06	3.51E-03	4.35E-04	1.69E-01	2.61E-02	4.13E-01	3.95E-02
2589 Gridded	3.48E-03	4.37E-04	3.84E-06	4.97E-07	1.76E-03	2.11E-04	3.74E-03	4.60E-04	3.70E-03	4.56E-04	3.46E-03	4.36E-04	4.58E-03	5.40E-04	4.58E-03	5.40E-04	6.44E-03	8.11E-04	3.74E-03	4.60E-04	5.32E-05	6.90E-06	3.47E-03	4.37E-04	3.64E-05	4.72E-06	3.48E-03	4.38E-04	1.83E-01	2.85E-02	4.48E-01	5.28E-02
2590 Gridded	3.76E-03	5.62E-04	4.02E-06	5.65E-07	1.79E-03	2.81E-04	3.93E-03	6.00E-04	3.91E-03	5.95E-04	3.75E-03	5.60E-04	4.48E-03	7.24E-04	4.48E-03	7.24E-04	6.98E-03	1.04E-03	3.93E-03	6.00E-04	5.58E-05	7.83E-06	3.76E-03	5.61E-04	3.82E-05	5.36E-06	3.77E-03	5.63E-04	2.24E-01	2.70E-02	3.89E-01	5.64E-02
2591 Gridded	3.50E-03	6.11E-04	4.02E-06	5.59E-07	1.76E-03	3.01E-04	3.74E-03	6.49E-04	3.71E-03	6.43E-04	3.49E-03	6.09E-04	4.54E-03	7.71E-04	4.54E-03	7.71E-04	6.48E-03	1.13E-03	3.74E-03	6.49E-04	5.58E-05	7.76E-06	3.49E-03	6.10E-04	3.82E-05	5.31E-06	3.50E-03	6.11E-04	2.07E-01	2.94E-02	3.27E-01	4.18E-02
2592 Gridded	3.34E-03	5.47E-04	3.97E-06	4.59E-07	1.64E-03	2.67E-04	3.54E-03	5.78E-04	3.52E-03	5.73E-04	3.33E-03	5.45E-04	4.20E-03	6.78E-04	4.20E-03	6.78E-04	6.19E-03	1.01E-03	3.54E-03	5.78E-04	5.51E-05	6.37E-06	3.34E-03	5.46E-04	3.77E-05	4.36E-06	3.34E-03	5.47E-04	1.65E-01	2.94E-02	3.60E-01	3.96E-02
2593 Gridded	3.32E-03	4.78E-04	3.26E-06	5.14E-07	1.59E-03	2.41E-04	3.48E-03	5.13E-04	3.45E-03	5.08E-04	3.31E-03	4.76E-04	3.99E-03	6.25E-04	3.99E-03	6.25E-04	6.15E-03	8.85E-04	3.48E-03	5.13E-04	4.52E-05	7.13E-06	3.31E-03	4.77E-04	3.09E-05	4.88E-06	3.32E-03	4.78E-04	1.65E-01	2.49E-02	3.40E-01	3.48E-02
2594 Gridded	3.24E-03	6.06E-04	2.79E-06	5.76E-07	1.55E-03	3.00E-04	3.39E-03	6.45E-04	3.37E-03	6.39E-04	3.23E-03	6.04E-04	3.88E-03	7.71E-04	3.88E-03	7.71E-04	6.00E-03	1.12E-03	3.39E-03	6.45E-04	3.87E-05	7.99E-06	3.23E-03	6.05E-04	2.65E-05	5.47E-06	3.24E-03	6.06E-04	1.61E-01	2.55E-02	2.68E-01	2.77E-02
2595 Gridded	3.53E-03	5.77E-04	2.96E-06	4.99E-07	1.68E-03	2.83E-04	3.69E-03	6.11E-04	3.67E-03	6.06E-04	3.53E-03	5.75E-04	4.20E-03	7.20E-04	4.20E-03	7.20E-04	6.55E-03	1.07E-03	3.69E-03	6.11E-04	4.11E-05	6.93E-06	3.53E-03	5.76E-04	2.81E-05	4.74E-06	3.54E-03	5.77E-04	2.08E-01	2.85E-02	3.61E-01	3.34E-02
2596 Gridded	3.50E-03	4.93E-04	3.93E-06	4.63E-07	1.67E-03	2.44E-04	3.66E-03	5.24E-04	3.64E-03	5.20E-04	3.49E-03	4.91E-04	4.19E-03	6.25E-04	4.19E-03	6.25E-04	6.50E-03	9.13E-04	3.66E-03	5.24E-04	5.44E-05	6.42E-06	3.50E-03	4.92E-04	3.73E-05	4.39E-06	3.51E-03	4.93E-04	1.91E-01	2.66E-02	3.01E-01	3.20E-02
2597 Gridded	4.42E-03	4.83E-04	4.73E-06	4.54E-07	2.23E-03	2.39E-04	4.74E-03	5.13E-04	4.70E-03	5.09E-04	4.40E-03	4.81E-04	5.78E-03	6.13E-04	5.78E-03	6.13E-04	8.19E-03	8.94E-04	4.74E-03	5.13E-04	6.57E-05	6.30E-06	4.41E-03	4.82E-04	4.49E-05	4.31E-06	4.42E-03	4.83E-04	1.81E-01	2.96E-02	2.53E-01	3.70E-02
2598 Gridded	5.25E-03	4.76E-04	4.31E-06	4.40E-07	2.56E-03	2.34E-04	5.55E-03	5.05E-04	5.50E-03	5.01E-04	5.24E-03	4.74E-04	6.49E-03	5.99E-04	6.49E-03	5.99E-04	9.74E-03	8.82E-04	5.55E-03	5.05E-04	5.98E-05	6.10E-06	5.25E-03	4.75E-04	4.09E-05	4.18E-06	5.26E-03	4.76E-04	2.15E-01	3.00E-02	2.82E-01	3.94E-02
2599 Gridded	4.78E-03	5.05E-04	3.06E-06	4.71E-07	2.26E-03	2.47E-04	4.98E-03	5.34E-04	4.95E-03	5.30E-04	4.77E-03	5.03E-04	5.62E-03	6.30E-04	5.62E-03	6.30E-04	8.86E-03	9.35E-04	4.98E-03	5.34E-04	4.24E-05	6.53E-06	4.77E-03	5.04E-04	2.90E-05	4.47E-06	4.78E-03	5.05E-04	2.07E-01	2.71E-02	2.88E-01	3.78E-02
2600 Gridded	3.47E-03	5.35E-04	2.74E-06	5.19E-07	1.62E-03	2.54E-04	3.58E-03	5.58E-04	3.56E-03	5.55E-04	3.47E-03	5.33E-04	4.11E-03	6.35E-04	4.11E-03	6.35E-04	6.44E-03	9.91E-04	3.58E-03	5.58E-04	3.80E-05	7.20E-06	3.47E-03	5.34E-04	2.60E-05	4.92E-06	3.47E-03	5.35E-04	1.87E-01	2.29E-02	2.44E-01	3.42E-02
2601 Gridded	3.43E-03	5.78E-04	3.09E-06	5.39E-07	1.67E-03	2.86E-04	3.62E-03	6.14E-04	3.60E-03	6.09E-04	3.42E-03	5.76E-04	4.25E-03	7.32E-04	4.25E-03	7.32E-04	6.36E-03	1.07E-03	3.62E-03	6.14E-04	4.29E-05	7.47E-06	3.43E-03	5.77E-04	2.94E-05	5.11E-06	3.43E-03	5.78E-04	1.89E-01	2.75E-02	2.51E-01	3.74E-02
2786 Gridded	1.14E-02	1.14E-03	2.63E-05	1.76E-06	6.65E-03	6.03E-04	1.30E-02	1.25E-03	1.27E-02	1.24E-03	1.14E-02	1.14E-03	1.87E-02	1.60E-03	1.87E-02	1.60E-03	2.11E-02	2.11E-03	1.30E-02	1.25E-03	3.64E-04	2.45E-05	1.14E-02	1.14E-03	2.49E-04	1.67E-05	1.14E-02	1.14E-03	1.22E+00	1.25E-01	2.64E+00	1.93E-01
2787 Gridded	1.41E-02	1.22E-03	2.75E-05	1.84E-06	7.96E-03	6.38E-04	1.59E-02	1.33E-03	1.56E-02	1.31E-03	1.41E-02	1.21E-03	2.19E-02	1.69E-03	2.19E-02	1.69E-03	2.62E-02	2.25E-03	1.59E-02	1.33E-03	3.82E-04	2.56E-05	1.41E-02	1.21E-03	2.61E-04	1.75E-05	1.41E-02	1.22E-03	1.12E+00	1.39E-01	2.44E+00	1.96E-01
2788 Gridded	1.52E-02	1.25E-03	2.18E-05	1.61E-06	7.31E-03	6.50E-04	1.54E-02	1.36E-03	1.54E-02	1.34E-03	1.52E-02	1.24E-03	1.97E-02	1.71E-03	1.97E-02	1.71E-03	2.83E-02	2.32E-03	1.54E-02	1.36E-03	3.02E-04	2.24E-05	1.52E-02	1.25E-03	2.07E-04	1.53E-05	1.52E-02	1.25E-03	8.92E-01	1.51E-01	2.05E+00	2.28E-01
2789 Gridded	1.36E-02	1.24E-03	1.22E-05	1.49E-06	5.98E-03	6.35E-04	1.37E-02	1.34E-03	1.37E-02	1.32E-03	1.36E-02	1.23E-03	1.42E-02	1.66E-03	1.42E-02	1.66E-03	2.52E-02	2.29E-03	1.37E-02	1.34E-03	1.69E-04	2.07E-05	1.36E-02	1.23E-03	1.16E-04	1.41E-05	1.36E-02	1.24E-03	7.27E-01	1.66E-01	1.50E+00	2.62E-01
2790 Gridded	1.06E-02	1.18E-03	1.22E-05	1.32E-06	5.42E-03	5.97E-04	1.15E-02	1.27E-03	1.13E-02	1.25E-03	1.06E-02	1.17E-03	1.41E-02	1.56E-03	1.41E-02	1.56E-03	1.97E-02	2.18E-03	1.15E-02	1.27E-03	1.69E-04	1.84E-05	1.06E-02	1.17E-03	1.15E-04	1.26E-05	1.06E-02	1.18E-03	7.82E-01	1.71E-01	1.28E+00	2.87E-01
2791 Gridded	1.02E-02	1.09E-03	1.16E-05	1.54E-06	5.20E-03	5.46E-04	1.10E-02	1.16E-03	1.09E-02	1.15E-03	1.02E-02	1.08E-03	1.35E-02	1.41E-03	1.35E-02	1.41E-03	1.89E-02	2.01E-03	1.10E-02	1.16E-03	1.61E-04	2.13E-05	1.02E-02	1.08E-03	1.10E-04	1.46E-05	1.02E-02	1.09E-03	7.31E-01	1.65E-01	1.63E+00	3.16E-01
2792 Gridded	1.02E-02	9.79E-04	1.24E-05	1.71E-06	5.06E-03	4.88E-04	1.09E-02	1.05E-03	1.08E-02	1.04E-03	1.02E-02	9.76E-04	1.30E-02	1.26E-03	1.30E-02	1.26E-03	1.90E-02	1.81E-03	1.09E-02	1.05E-03	1.72E-04	2.37E-05	1.02E-02	9.78E-04	1.18E-04	1.62E-05	1.02E-02	9.80E-04	8.92E-01	1.50E-01	1.77E+00	3.08E-01
2793 Gridded	9.98E-03	8.59E-04	1.35E-05	1.70E-06	4.93E-03	4.38E-04	1.06E-02	9.18E-04	1.05E-02	9.09E-04	9.95E-03	8.56E-04	1.26E-02	1.23E-03	1.26E-02	1.23E-03	1.85E-02	1.59E-03	1.06E-02	9.18E-04	1.88E-04	2.36E-05	9.97E-03	8.57E-04	1.29E-04	1.62E-05	9.99E-03	8.59E-04	1.00E+00	1.36E-01	2.04E+00	2.69E-01
2794 Gridded	9.39E-03	8.63E-04	1.35E-05	1.52E-06	4.67E-03	4.68E-04	9.97E-03	9.45E-04	9.89E-03	9.30E-04	9.36E-03	8.60E-04	1.25E-02	1.28E-03	1.25E-02	1.28E-03	1.74E-02	1.60E-03	9.97E-03	9.45E-04	1.88E-04	2.11E-05	9.38E-03	8.62E-04	1.28E-04	1.44E-05	9.40E-03	8.64E-04	9.80E-01	1.28E-01	2.17E+00	2.24E-01
2795 Gridded	8.97E-03	9.76E-04	1.22E-05	1.31E-06	4.66E-03	5.11E-04	9.75E-03	1.06E-03	9.64E-03	1.05E-03	8.93E-03	9.71E-04	1.23E-02	1.35E-03	1.23E-02	1.35E-03	1.66E-02	1.81E-03	9.75E-03	1.06E-03	1.69E-04	1.82E-05	8.95E-03	9.74E-04	1.16E-04	1.24E-05	8.98E-03	9.77E-04	1.05E+00	1.24E-01	2.55E+00	1.93E-01
2796 Gridded	9.11E-03	1.03E-03	1.36E-05	1.57E-06	4.76E-03	5.18E-04	9.92E-03	1.10E-03	9.80E-03	1.09E-03	9.06E-03	1.02E-03	1.28E-02	1.34E-03	1.28E-02	1.34E-03	1.69E-02	1.90E-03	9.92E-03	1.10E-03	1.89E-04	2.17E-05	9.09E-03	1.02E-03	1.29E-04	1.49E-05	9.12E-03	1.03E-03	1.19E+00	1.11E-01	1.93E+00	1.68E-01
2797 Gridded	1.30E-02	9.84E-04	1.80E-05	1.74E-06	6.83E-03	5.38E-04	1.42E-02	1.09E-03	1.40E-02	1.07E-03	1.29E-02	9.80E-04	1.81E-02	1.47E-03	1.81E-02	1.47E-03	2.40E-02	1.82E-03	1.42E-02	1.09E-03	2.49E-04	2.41E-05	1.29E-02	9.82E-04	1.70E-04	1.65E-05	1.30E-02	9.85E-04	9.25E-01	1.17E-01	2.21E+00	1.78E-01
2798 Gridded	1.72E-02	1.16E-03	2.11E-05	1.82E-06	8.85E-03	6.27E-04	1.86E-02	1.28E-03	1.84E-02	1.27E-03	1.71E-02	1.16E-03	2.32E-02	1.68E-03	2.32E-02	1.68E-03	3.18E-02	2.15E-03	1.86E-02	1.28E-03	2.93E-04	2.53E-05	1.71E-02	1.16E-03	2.01E-04	1.73E-05	1.72E-02	1.16E-03	9.28E-01	1.18E-01	1.50E+00	1.81E-01
2799 Gridded	2.04E-02	1.28E-03	2.20E-05	1.84E-06	1.03E-02	6.80E-04	2.19E-02	1.41E-03	2.17E-02	1.39E-03	2.03E-02	1.28E-03	2.67E-02	1.81E-03	2.67E-02	1.81E-03	3.78E-02	2.38E-03	2.19E-02	1.41E-03	3.05E-04	2.55E-05	2.04E-02	1.28E-03	2.09E-04	1.74E-05	2.04E-02	1.29E-03	1.08E+00	1.17E-01	1.57E+00	1.84E-01
2800 Gridded	2.17E-02	1.34E-03	2.02E-05	1.75E-06	1.07E-02	6.98E-04	2.31E-02	1.46E-03	2.29E-02	1.44E-03	2.16E-02	1.33E-03	2.75E-02	1.84E-03	2.75E-02	1.84E-03	4.02E-02	2.48E-03	2.31E-02	1.46E-03	2.80E-04	2.42E-05	2.17E-02	1.34E-03	1.92E-04	1.66E-05	2.17E-02	1.34E-03	1.12E+00	1.15E-01	2.04E+00	1.81E-01
2801 Gridded	2.05E-02	1.34E-03	1.62E-05	1.58E-06	9.93E-03	6.86E-04	2.16E-02	1.45E-03	2.14E-02	1.43E-03	2.04E-02	1.34E-03	2.51E-02	1.79E-03	2.51E-02	1.79E-03	3.80E-02	2.48E-03	2.16E-02	1.45E-03	2.25E-04	2.19E-05	2.05E-02	1.34E-03	1.54E-04	1.50E-05	2.05E-02	1.34E-03	1.17E+00	1.17E-01	2.45E+00	1.76E-01
2802 Gridded	1.71E-02	1.26E-03	1.52E-05	1.37E-06	8.13E-03	6.38E-04	1.79E-02	1.36E-03	1.78E-02	1.34E-03	1.71E-02	1.26E-03	2.03E-02	1.65E-03	2.03E-02	1.65E-03	3.17E-02	2.34E-03	1.79E-02	1.36E-03	2.10E-04	1.90E-05	1.71E-02	1.26E-03	1.44E-04	1.30E-05	1.71E-02	1.26E-03	1.32E+00	1.18E-01	2.67E+00	2.07E-01
2803 Gridded	1.25E-02	1.11E-03	1.58E-05	1.14E-06	5.86E-03	5.53E-04	1.30E-02	1.18E-03	1.29E-02	1.17E-03	1.25E-02	1.11E-03	1.45E-02	1.43E-03	1.45E-02	1.43E-03	2.33E-02	2.06E-03	1.30E-02	1.18E-03	2.19E-04	1.58E-05	1.25E-02	1.11E-03	1.50E-04	1.08E-05	1.25E-02	1.11E-03	1.37E+00	1.29E-01	2.63E+00	2.24E-01
2804 Gridded	1.08E-02	9.71E-04	1.44E-05	1.06E-06	5.37E-03	4.90E-04	1.15E-02	1.04E-03	1.14E-02	1.03E-03	1.07E-02	9.67E-04	1.42E-02	1.27E-03	1.42E-02	1.27E-03	1.99E-02	1.80E-03	1.15E-02	1.04E-03	1.99E-04	1.47E-05	1.07E-02	9.69E-04	1.36E-04	1.01E-05	1.08E-02	9.72E-04	1.29E+00	1.28E-01	2.33E+00	2.18E-01
2805 Gridded	1.12E-02	9.05E-04	1.14E-05	1.01E-06	5.59E-03	4.55E-04	1.19E-02	9.69E-04	1.18E-02	9.60E-04	1.11E-02	9.02E-04	1.44E-02	1.18E-03	1.44E-02	1.18E-03	2.07E-02	1.68E-03	1.19E-02	9.69E-04	1.58E-04	1.40E-05	1.11E-02	9.04E-04	1.08E-04	9.58E-06	1.12E-02	9.06E-04	1.06E+00	1.15E-01	1.88E+00	1.92E-01
2806 Gridded	1.28E-02	8.32E-04	1.27E-05	1.13E-06	6.37E-03	4.16E-04	1.36E-02	8.88E-04	1.35E-02	8.80E-04	1.27E-02	8.29E-04	1.64E-02	1.08E-03	1.64E-02	1.08E-03	2.37E-02	1.54E-03	1.36E-02	8.88E-04	1.76E-04	1.57E-05	1.28E-02	8.30E-04	1.20E-04	1.08E-05	1.28E-02	8.32E-04	7.70E-01	9.94E-02	1.40E+00	1.59E-01
2807 Gridded	1.44E-02	9.02E-04	1.42E-05	1.28E-06	7.17E-03	4.77E-04	1.54E-02	9.88E-04	1.52E-02	9.76E-04	1.44E-02	8.97E-04	1.84E-02	1.27E-03	1.84E-02	1.27E-03	2.68E-02	1.67E-03	1.54E-02	9.88E-04	1.97E-04	1.78E-05	1.44E-02	9.00E-04	1.35E-04	1.22E-05	1.45E-02	9.03E-04	7.43E-01	9.76E-02	1.47E+00	1.92E-01
2808 Gridded	1.56E-02	1.04E-03	1.59E-05	1.52E-06	7.73E-03	5.55E-04	1.66E-02	1.15E-03	1.65E-02	1.13E-03	1.56E-02	1.04E-03	1.98E-02	1.48E-03	1.98E-02	1.48E-03	2.89E-02	1.93E-03	1.66E-02	1.15E-03	2.21E-04	2.11E-05	1.56E-02	1.04E-03	1.51E-04	1.44E-05	1.56E-02	1.05E-03	8.16E-01	1.16E-01	1.46E+00	1.79E-01
2809 Gridded	1.62E-02	1.21E-03	1.65E-05	1.74E-06	7.99E-03	6.40E-04	1.72E-02	1.32E-03	1.70E-02	1.31E-03	1.61E-02	1.20E-03	2.05E-02	1.70E-03	2.05E-02	1.70E-03	3.00E-02	2.23E-03	1.72E-02	1.32E-03	2.29E-04	2.41E-05	1.62E-02	1.20E-03	1.56E-04	1.65E-05	1.62E-02	1.21E-03	8.50E-01	1.32E-01	1.37E+00	1.81E-01
2810 Gridded	1.61E-02	1.41E-03	1.58E-05	1.77E-06	7.97E-03	7.31E-04	1.71E-02	1.53E-03	1.70E-02	1.52E-03	1.61E-02	1.41E-03	2.04E-02	1.92E-03	2.04E-02	1.92E-03	2.99E-02	2.62E-03	1.71E-02	1.53E-03	2.19E-04	2.46E-05	1.61E-02	1.41E-03	1.50E-04	1.68E-05	1.61E-02	1.41E-03	8.44E-01	1.32E-01	1.40E+00	1.80E-01
2811 Gridded	1.55E-02	1.60E-03	1.47E-05	1.63E-06	7.70E-03	8.02E-04	1.65E-02	1.71E-03	1.64E-02	1.70E-03	1.55E-02	1.60E-03	1.97E-02	2.07E-03	1.97E-02	2.07E-03	2.88E-02	2.97E-03	1.65E-02	1.71E-03	2.03E-04	2.27E-05	1.55E-02	1.60E-03	1.39E-04	1.55E-05	1.55E-02	1.60E-03	8.03E-01	1.17E-01	1.58E+00	1.50E-01
2812 Gridded	1.49E-02	1.64E-03	1.42E-05	1.37E-06	7.26E-03	7.99E-04	1.57E-02	1.73E-03	1.56E-02	1.72E-03	1.49E-02	1.63E-03	1.86E-02	2.03E-03	1.86E-02	2.03E-03	2.77E-02	3.04E-03	1.57E-02	1.73E-03	1.97E-04	1.89E-05	1.49E-02	1.64E-03	1.35E-04	1.30E-05	1.49E-02	1.64E-03	8.08E-01	9.37E-02	1.37E+00	1.23E-01
2813 Gridded	1.37E-02	1.51E-03	1.37E-05	1.40E-06	6.66E-03	7.25E-04	1.44E-02	1.59E-03	1.43E-02	1.58E-03	1.37E-02	1.51E-03	1.72E-02	1.82E-03	1.72E-02	1.82E-03	2.54E-02	2.80E-03	1.44E-02	1.59E-03	1.90E-04	1.94E-05	1.37E-02	1.51E-03	1.30E-04	1.33E-05	1.37E-02	1.51E-03	7.28E-01	9.71E-02	1.47E+00	1.65E-01
2814 Gridded	1.19E-02	1.24E-03	1.29E-05	1.70E-06	6.03E-03	5.93E-04	1.28E-02	1.30E-03	1.27E-02	1.29E-03	1.19E-02	1.24E-03	1.56E-02	1.56E-03	1.56E-02	1.56E-03	2.21E-02	2.31E-03	1.28E-02	1.30E-03	1.79E-04	2.36E-05	1.19E-02	1.24E-03	1.23E-04	1.62E-05	1.19E-02	1.24E-03	7.01E-01	1.20E-01	1.43E+00	1.90E-01
2815 Gridded	1.06E-02	1.47E-03	1.17E-05	1.90E-06	5.36E-03	7.63E-04	1.14E-02	1.60E-03	1.13E-02	1.58E-03	1.05E-02	1.46E-03	1.39E-02	2.01E-03	1.39E-02	2.01E-03	1.96E-02	2.72E-03	1.14E-02	1.60E-03	1.63E-04	2.63E-05	1.06E-02	1.47E-03	1.11E-04	1.80E-05	1.06E-02	1.47E-03	6.14E-01	1.35E-01	1.33E+00	2.00E-01
2816 Gridded	9.30E-03	1.83E-03	1.01E-05	2.20E-06	4.70E-03	9.25E-04	9.99E-03	1.96E-03	9.89E-03	1.95E-03	9.26E-03	1.82E-03	1.22E-02	2.40E-03	1.22E-02	2.40E-03	1.72E-02	3.39E-03	9.99E-03	1.96E-03	1.41E-04	3.05E-05	9.29E-03	1.83E-03	9.63E-05	2.08E-05	9.31E-03	1.83E-03	6.29E-01	1.48E-01	1.41E+00	2.05E-01
2817 Gridded	1.04E-02	1.10E-03	1.95E-05	1.63E-06	4.46E-03	5.86E-04	1.04E-02	1.21E-03	1.04E-02	1.19E-03	1.04E-02	1.09E-03	1.08E-02	1.57E-03	1.08E-02	1.57E-03	1.93E-02	2.03E-03	1.04E-02	1.21E-03	2.70E-04	2.26E-05	1.04E-02	1.10E-03	1.85E-04	1.55E-05	1.04E-02	1.10E-03	1.25E+00	1.15E-01	2.57E+00	1.88E-01
2818 Gridded	1.20E-02	1.26E-03	2.46E-05	1.80E-06	5.41E-03	6.66E-04	1.22E-02	1.38E-03	1.21E-02	1.36E-03	1.20E-02	1.25E-03	1.56E-02	1.77E-03	1.56E-02	1.77E-03	2.23E-02	2.33E-03	1.22E-02	1.38E-03	3.41E-04	2.50E-05	1.20E-02	1.25E-03	2.34E-04	1.71E-05	1.20E-02	1.26E-03	1.24E+00	1.26E-01	2.81E+00	2.02E-01
2819 Gridded	1.51E-02	1.36E-03	2.34E-05	1.84E-06	6.63E-03	7.13E-04	1.53E-02	1.48E-03	1.52E-02	1.47E-03	1.51E-02	1.35E-03	1.74E-02	1.89E-03	1.74E-02	1.89E-03	2.80E-02	2.52E-03	1.53E-02	1.48E-03	3.25E-04	2.55E-05	1.51E-02	1.36E-03	2.22E-04	1.74E-05	1.51E-02	1.36E-03	1.13E+00	1.41E-01	2.80E+00	2.11E-01
2820 Gridded	1.61E-02	1.39E-03	1.66E-05	1.75E-06	7.05E-03	7.20E-04	1.62E-02	1.51E-03	1.62E-02	1.49E-03	1.61E-02	1.39E-03	1.67E-02	1.89E-03	1.67E-02	1.89E-03	2.98E-02	2.58E-03	1.62E-02	1.51E-03	2.30E-04	2.43E-05	1.61E-02	1.39E-03	1.57E-04	1.66E-05	1.61E-02	1.39E-03	8.74E-01	1.57E-01	2.41E+00	2.33E-01
2821 Gridded	1.39E-02	1.34E-03	1.35E-05	1.59E-06	6.12E-03	6.88E-04	1.41E-02	1.45E-03	1.40E-02	1.44E-03	1.39E-02	1.34E-03	1.53E-02	1.80E-03	1.53E-02	1.80E-03	2.58E-02	2.49E-03	1.41E-02	1.45E-03	1.87E-04	2.20E-05	1.39E-02	1.34E-03	1.28E-04	1.51E-05	1.39E-02	1.34E-03	7.69E-01	1.73E-01	1.75E+00	2.72E-01
2822 Gridded	1.15E-02	1.25E-03	1.35E-05	1.40E-06	5.90E-03	6.36E-04	1.25E-02	1.35E-03	1.23E-02	1.33E-03	1.15E-02	1.25E-03	1.54E-02	1.65E-03	1.54E-02	1.65E-03	2.14E-02	2.32E-03	1.25E-02	1.35E-03	1.87E-04	1.95E-05	1.15E-02	1.25E-03	1.28E-04	1.33E-05	1.16E-02	1.25E-03	8.24E-01	1.77E-01	1.30E+00	2.94E-01
2823 Gridded	1.10E-02	1.15E-03	1.24E-05	1.59E-06	5.47E-03	5.79E-04	1.17E-02	1.23E-03	1.16E-02	1.22E-03	1.10E-02	1.15E-03	1.42E-02	1.50E-03	1.42E-02	1.50E-03	2.04E-02	2.13E-03	1.17E-02	1.23E-03	1.72E-04	2.21E-05	1.10E-02	1.15E-03	1.18E-04	1.51E-05	1.10E-02	1.15E-03	8.13E-01	1.67E-01	1.62E+00	3.21E-01
2824 Gridded	1.12E-02	1.03E-03	1.43E-05	1.70E-06	5.54E-03	5.13E-04	1.19E-02	1.10E-03	1.18E-02	1.09E-03	1.11E-02	1.03E-03	1.42E-02	1.32E-03	1.42E-02	1.32E-03	2.07E-02	1.91E-03	1.19E-02	1.10E-03	1.98E-04	2.36E-05	1.12E-02	1.03E-03	1.36E-04	1.61E-05	1.12E-02	1.03E-03	9.73E-01	1.50E-01	1.94E+00	3.06E-01
2825 Gridded	1.09E-02	8.83E-04	1.50E-05	1.59E-06	5.38E-03	4.52E-04	1.16E-02	9.53E-04	1.15E-02	9.43E-04	1.08E-02	8.80E-04	1.38E-02	1.23E-03	1.38E-02	1.23E-03	2.02E-02	1.64E-03	1.16E-02	9.53E-04	2.07E-04	2.20E-05	1.09E-02	8.82E-04	1.42E-04	1.51E-05	1.09E-02	8.84E-04	1.02E+00	1.37E-01	2.07E+00	2.57E-01
2826 Gridded	1.00E-02	9.19E-04	1.39E-05	1.38E-06	5.07E-03	4.84E-04	1.07E-02	9.95E-04	1.06E-02	9.84E-04	1.00E-02	9.14E-04	1.35E-02	1.30E-03	1.35E-02	1.30E-03	1.86E-02	1.70E-03	1.07E-02	9.95E-04	1.93E-04	1.92E-05	1.00E-02	9.17E-04	1.32E-04	1.31E-05	1.01E-02	9.20E-04	1.08E+00	1.31E-01	2.35E+00	2.10E-01
2827 Gridded	9.44E-03	9.85E-04	1.23E-05	1.57E-06	4.91E-03	5.05E-04	1.03E-02	1.06E-03	1.01E-02	1.05E-03	9.39E-03	9.80E-04	1.29E-02	1.32E-03	1.29E-02	1.32E-03	1.75E-02	1.82E-03	1.03E-02	1.06E-03	1.71E-04	2.18E-05	9.42E-03	9.83E-04	1.17E-04	1.49E-05	9.45E-03	9.86E-04	1.17E+00	1.22E-01	2.28E+00	1.80E-01
2828 Gridded	1.19E-02	1.03E-03	1.73E-05	1.79E-06	6.31E-03	5.30E-04	1.30E-02	1.11E-03	1.29E-02	1.10E-03	1.18E-02	1.02E-03	1.68E-02	1.45E-03	1.68E-02	1.45E-03	2.20E-02	1.90E-03	1.30E-02	1.11E-03	2.40E-04	2.48E-05	1.18E-02	1.03E-03	1.64E-04	1.70E-05	1.19E-02	1.03E-03	1.01E+00	1.24E-01	2.17E+00	1.78E-01

Scenario 4 Results

2829 Gridded	1.66E-02	1.16E-03	2.14E-05	1.90E-06	8.62E-03	6.31E-04	1.80E-02	1.29E-03	1.78E-02	1.27E-03	1.65E-02	1.15E-03	2.27E-02	1.70E-03	2.27E-02	1.70E-03	3.07E-02	2.14E-03	1.80E-02	1.29E-03	2.97E-04	2.64E-05	1.65E-02	1.16E-03	2.03E-04	1.81E-05	1.66E-02	1.16E-03	9.04E-01	1.26E-01	1.75E+00	1.91E-01
2830 Gridded	2.06E-02	1.32E-03	2.31E-05	1.93E-06	1.04E-02	7.00E-04	2.21E-02	1.45E-03	2.19E-02	1.43E-03	2.05E-02	1.31E-03	2.72E-02	1.87E-03	2.72E-02	1.87E-03	3.81E-02	2.43E-03	2.21E-02	1.45E-03	3.20E-04	2.68E-05	2.05E-02	1.31E-03	2.19E-04	1.84E-05	2.06E-02	1.32E-03	1.09E+00	1.25E-01	1.63E+00	1.92E-01
2831 Gridded	2.25E-02	1.40E-03	2.15E-05	1.85E-06	1.12E-02	7.29E-04	2.40E-02	1.52E-03	2.38E-02	1.50E-03	2.24E-02	1.39E-03	2.87E-02	1.93E-03	2.87E-02	1.93E-03	4.17E-02	2.59E-03	2.40E-02	1.52E-03	2.98E-04	2.56E-05	2.25E-02	1.39E-03	2.04E-04	1.75E-05	2.25E-02	1.40E-03	1.17E+00	1.24E-01	2.19E+00	1.94E-01
2832 Gridded	2.16E-02	1.41E-03	1.72E-05	1.67E-06	1.05E-02	7.23E-04	2.28E-02	1.53E-03	2.26E-02	1.51E-03	2.15E-02	1.41E-03	2.65E-02	1.89E-03	2.65E-02	1.89E-03	4.00E-02	2.62E-03	2.28E-02	1.53E-03	2.38E-04	2.32E-05	2.16E-02	1.41E-03	1.63E-04	1.59E-05	2.16E-02	1.41E-03	1.29E+00	1.15E-01	2.73E+00	1.83E-01
2833 Gridded	1.80E-02	1.34E-03	1.53E-05	1.44E-06	8.54E-03	6.74E-04	1.88E-02	1.43E-03	1.87E-02	1.42E-03	1.80E-02	1.33E-03	2.13E-02	1.75E-03	2.13E-02	1.75E-03	3.34E-02	2.47E-03	1.88E-02	1.43E-03	2.13E-04	1.99E-05	1.80E-02	1.33E-03	1.46E-04	1.36E-05	1.80E-02	1.34E-03	1.48E+00	1.22E-01	3.06E+00	2.04E-01
2834 Gridded	1.30E-02	1.17E-03	1.60E-05	1.21E-06	6.04E-03	5.80E-04	1.34E-02	1.24E-03	1.34E-02	1.23E-03	1.30E-02	1.16E-03	1.49E-02	1.49E-03	1.49E-02	1.49E-03	2.41E-02	2.16E-03	1.34E-02	1.24E-03	2.22E-04	1.68E-05	1.30E-02	1.17E-03	1.52E-04	1.15E-05	1.30E-02	1.17E-03	1.55E+00	1.33E-01	3.01E+00	2.17E-01
2835 Gridded	1.11E-02	9.76E-04	1.44E-05	1.12E-06	5.52E-03	4.93E-04	1.18E-02	1.05E-03	1.17E-02	1.04E-03	1.10E-02	9.72E-04	1.44E-02	1.28E-03	1.44E-02	1.28E-03	2.05E-02	1.81E-03	1.18E-02	1.05E-03	1.99E-04	1.55E-05	1.11E-02	9.74E-04	1.36E-04	1.06E-05	1.11E-02	9.77E-04	1.43E+00	1.30E-01	2.61E+00	2.08E-01
2836 Gridded	1.16E-02	9.02E-04	1.21E-05	9.99E-07	5.82E-03	4.53E-04	1.24E-02	9.66E-04	1.23E-02	9.57E-04	1.15E-02	8.99E-04	1.50E-02	1.17E-03	1.50E-02	1.17E-03	2.14E-02	1.67E-03	1.24E-02	9.66E-04	1.68E-04	1.39E-05	1.16E-02	9.01E-04	1.15E-04	9.48E-06	1.16E-02	9.03E-04	1.14E+00	1.14E-01	2.03E+00	1.84E-01
2837 Gridded	1.38E-02	8.62E-04	1.39E-05	1.17E-06	6.89E-03	4.33E-04	1.47E-02	9.23E-04	1.46E-02	9.14E-04	1.37E-02	8.59E-04	1.78E-02	1.12E-03	1.78E-02	1.12E-03	2.55E-02	1.60E-03	1.47E-02	9.23E-04	1.92E-04	1.62E-05	1.38E-02	8.61E-04	1.31E-04	1.11E-05	1.38E-02	8.63E-04	8.04E-01	9.78E-02	1.49E+00	1.67E-01
2838 Gridded	1.56E-02	9.52E-04	1.55E-05	1.40E-06	7.73E-03	4.85E-04	1.66E-02	1.03E-03	1.64E-02	1.02E-03	1.55E-02	9.48E-04	1.99E-02	1.29E-03	1.99E-02	1.29E-03	2.88E-02	1.76E-03	1.66E-02	1.03E-03	2.15E-04	1.94E-05	1.55E-02	9.50E-04	1.47E-04	1.32E-05	1.56E-02	9.53E-04	8.04E-01	1.04E-01	1.72E+00	1.93E-01
2839 Gridded	1.67E-02	1.08E-03	1.71E-05	1.67E-06	8.24E-03	5.80E-04	1.77E-02	1.19E-03	1.76E-02	1.17E-03	1.66E-02	1.07E-03	2.11E-02	1.56E-03	2.11E-02	1.56E-03	3.09E-02	1.99E-03	1.77E-02	1.19E-03	2.37E-04	2.31E-05	1.66E-02	1.08E-03	1.62E-04	1.58E-05	1.67E-02	1.08E-03	8.74E-01	1.27E-01	1.85E+00	1.71E-01
2840 Gridded	1.70E-02	1.32E-03	1.72E-05	1.82E-06	8.40E-03	6.93E-04	1.81E-02	1.44E-03	1.79E-02	1.42E-03	1.70E-02	1.31E-03	2.15E-02	1.84E-03	2.15E-02	1.84E-03	3.15E-02	2.44E-03	1.81E-02	1.44E-03	2.39E-04	2.53E-05	1.70E-02	1.31E-03	1.64E-04	1.73E-05	1.70E-02	1.32E-03	8.94E-01	1.40E-01	1.74E+00	1.91E-01
2841 Gridded	1.66E-02	1.54E-03	1.60E-05	1.74E-06	8.21E-03	7.82E-04	1.77E-02	1.66E-03	1.75E-02	1.64E-03	1.66E-02	1.53E-03	2.10E-02	2.04E-03	2.10E-02	2.04E-03	3.08E-02	2.85E-03	1.77E-02	1.66E-03	2.22E-04	2.41E-05	1.66E-02	1.54E-03	1.52E-04	1.65E-05	1.66E-02	1.54E-03	8.67E-01	1.30E-01	1.40E+00	1.70E-01
2842 Gridded	1.58E-02	1.65E-03	1.49E-05	1.49E-06	7.79E-03	8.14E-04	1.68E-02	1.75E-03	1.66E-02	1.74E-03	1.58E-02	1.65E-03	2.00E-02	2.08E-03	2.00E-02	2.08E-03	2.93E-02	3.06E-03	1.68E-02	1.75E-03	2.06E-04	2.07E-05	1.58E-02	1.65E-03	1.41E-04	1.41E-05	1.58E-02	1.65E-03	8.05E-01	1.08E-01	1.44E+00	1.29E-01
2843 Gridded	1.49E-02	1.58E-03	1.43E-05	1.31E-06	7.22E-03	7.62E-04	1.57E-02	1.66E-03	1.56E-02	1.65E-03	1.49E-02	1.58E-03	1.85E-02	1.92E-03	1.85E-02	1.92E-03	2.76E-02	2.93E-03	1.57E-02	1.66E-03	1.98E-04	1.82E-05	1.49E-02	1.58E-03	1.36E-04	1.24E-05	1.49E-02	1.58E-03	7.20E-01	9.21E-02	1.34E+00	1.60E-01
2844 Gridded	1.33E-02	1.37E-03	1.34E-05	1.68E-06	6.48E-03	6.55E-04	1.39E-02	1.44E-03	1.38E-02	1.43E-03	1.32E-02	1.37E-03	1.68E-02	1.64E-03	1.68E-02	1.64E-03	2.46E-02	2.55E-03	1.39E-02	1.44E-03	1.86E-04	2.33E-05	1.32E-02	1.37E-03	1.27E-04	1.59E-05	1.33E-02	1.38E-03	6.75E-01	1.20E-01	1.49E+00	1.96E-01
2845 Gridded	1.14E-02	1.41E-03	1.21E-05	1.95E-06	5.74E-03	7.40E-04	1.22E-02	1.54E-03	1.21E-02	1.52E-03	1.13E-02	1.40E-03	1.49E-02	1.96E-03	1.49E-02	1.96E-03	2.11E-02	2.61E-03	1.22E-02	1.54E-03	1.68E-04	2.71E-05	1.14E-02	1.41E-03	1.15E-04	1.85E-05	1.14E-02	1.41E-03	6.43E-01	1.39E-01	1.33E+00	2.12E-01
2846 Gridded	9.92E-03	1.79E-03	1.05E-05	2.24E-06	5.00E-03	9.11E-04	1.06E-02	1.93E-03	1.05E-02	1.91E-03	9.88E-03	1.78E-03	1.29E-02	2.37E-03	1.29E-02	2.37E-03	1.84E-02	3.32E-03	1.06E-02	1.93E-03	1.46E-04	3.10E-05	9.91E-03	1.79E-03	9.98E-05	2.12E-05	9.93E-03	1.79E-03	6.38E-01	1.52E-01	1.49E+00	2.18E-01
2847 Gridded	9.45E-03	2.15E-03	1.16E-05	2.35E-06	4.69E-03	1.08E-03	1.01E-02	2.29E-03	9.97E-03	2.27E-03	9.41E-03	2.14E-03	1.21E-02	2.80E-03	1.21E-02	2.80E-03	1.75E-02	3.98E-03	1.01E-02	2.29E-03	1.61E-04	3.26E-05	9.43E-03	2.14E-03	1.10E-04	2.23E-05	9.45E-03	2.15E-03	6.30E-01	1.65E-01	1.28E+00	2.25E-01
2848 Gridded	8.99E-03	1.33E-03	1.07E-05	1.79E-06	3.85E-03	6.97E-04	8.99E-03	1.45E-03	8.99E-03	1.43E-03	8.99E-03	1.32E-03	8.99E-03	1.84E-03	8.99E-03	1.84E-03	1.67E-02	2.46E-03	8.99E-03	1.45E-03	1.48E-04	2.49E-05	8.99E-03	1.33E-03	1.02E-04	1.70E-05	8.99E-03	1.33E-03	1.29E+00	1.05E-01	1.96E+00	1.95E-01
2849 Gridded	8.60E-03	1.20E-03	1.67E-05	1.79E-06	3.89E-03	6.42E-04	8.60E-03	1.33E-03	8.60E-03	1.31E-03	8.60E-03	1.20E-03	1.01E-02	1.72E-03	1.01E-02	1.72E-03	1.60E-02	2.23E-03	8.60E-03	1.33E-03	2.31E-04	2.48E-05	8.60E-03	1.20E-03	1.58E-04	1.70E-05	8.60E-03	1.21E-03	1.27E+00	1.19E-01	2.50E+00	1.97E-01
2850 Gridded	1.22E-02	1.39E-03	2.08E-05	1.96E-06	5.39E-03	7.36E-04	1.24E-02	1.53E-03	1.23E-02	1.51E-03	1.22E-02	1.39E-03	1.29E-02	1.96E-03	1.29E-02	1.96E-03	2.26E-02	2.58E-03	1.24E-02	1.53E-03	2.88E-04	2.72E-05	1.22E-02	1.39E-03	1.97E-04	1.86E-05	1.22E-02	1.40E-03	1.26E+00	1.32E-01	2.96E+00	2.01E-01
2851 Gridded	1.56E-02	1.49E-03	1.90E-05	1.99E-06	6.87E-03	7.81E-04	1.58E-02	1.63E-03	1.58E-02	1.61E-03	1.56E-02	1.49E-03	1.63E-02	2.06E-03	1.63E-02	2.06E-03	2.90E-02	2.76E-03	1.58E-02	1.63E-03	2.64E-04	2.76E-05	1.56E-02	1.49E-03	1.81E-04	1.89E-05	1.56E-02	1.49E-03	1.13E+00	1.44E-01	3.06E+00	2.25E-01
2852 Gridded	1.66E-02	1.50E-03	1.42E-05	1.90E-06	7.30E-03	7.77E-04	1.68E-02	1.63E-03	1.68E-02	1.61E-03	1.66E-02	1.49E-03	1.73E-02	2.05E-03	1.73E-02	2.05E-03	3.09E-02	2.78E-03	1.68E-02	1.63E-03	1.96E-04	2.64E-05	1.66E-02	1.50E-03	1.34E-04	1.81E-05	1.66E-02	1.50E-03	8.82E-01	1.64E-01	2.75E+00	2.42E-01
2853 Gridded	1.37E-02	1.46E-03	1.48E-05	1.73E-06	6.47E-03	7.46E-04	1.39E-02	1.57E-03	1.39E-02	1.56E-03	1.37E-02	1.45E-03	1.69E-02	1.95E-03	1.69E-02	1.95E-03	2.55E-02	2.69E-03	1.39E-02	1.57E-03	2.05E-04	2.40E-05	1.37E-02	1.45E-03	1.40E-04	1.64E-05	1.37E-02	1.46E-03	8.01E-01	1.80E-01	1.99E+00	2.73E-01
2854 Gridded	1.23E-02	1.37E-03	1.42E-05	1.51E-06	6.28E-03	6.96E-04	1.33E-02	1.48E-03	1.31E-02	1.46E-03	1.23E-02	1.37E-03	1.64E-02	1.81E-03	1.64E-02	1.81E-03	2.28E-02	2.54E-03	1.33E-02	1.48E-03	1.97E-04	2.10E-05	1.23E-02	1.37E-03	1.35E-04	1.44E-05	1.23E-02	1.37E-03	8.16E-01	1.79E-01	1.31E+00	3.01E-01
2855 Gridded	1.24E-02	1.25E-03	1.45E-05	1.62E-06	6.15E-03	6.27E-04	1.32E-02	1.34E-03	1.31E-02	1.33E-03	1.23E-02	1.25E-03	1.58E-02	1.62E-03	1.58E-02	1.62E-03	2.29E-02	2.32E-03	1.32E-02	1.34E-03	2.01E-04	2.25E-05	1.24E-02	1.25E-03	1.37E-04	1.54E-05	1.24E-02	1.25E-03	8.66E-01	1.65E-01	1.60E+00	3.22E-01
2856 Gridded	1.25E-02	1.09E-03	1.59E-05	1.62E-06	6.18E-03	5.37E-04	1.33E-02	1.16E-03	1.32E-02	1.15E-03	1.25E-02	1.08E-03	1.58E-02	1.38E-03	1.58E-02	1.38E-03	2.32E-02	2.02E-03	1.33E-02	1.16E-03	2.21E-04	2.24E-05	1.25E-02	1.09E-03	1.51E-04	1.53E-05	1.25E-02	1.09E-03	1.03E+00	1.48E-01	2.06E+00	2.93E-01
2857 Gridded	1.19E-02	9.33E-04	1.56E-05	1.43E-06	5.85E-03	4.83E-04	1.26E-02	1.01E-03	1.25E-02	1.00E-03	1.19E-02	9.28E-04	1.50E-02	1.27E-03	1.50E-02	1.27E-03	2.21E-02	1.73E-03	1.26E-02	1.01E-03	2.16E-04	1.98E-05	1.19E-02	9.31E-04	1.48E-04	1.36E-05	1.19E-02	9.34E-04	1.17E+00	1.38E-01	1.83E+00	2.37E-01
2858 Gridded	1.04E-02	1.01E-03	1.33E-05	1.53E-06	5.19E-03	5.18E-04	1.11E-02	1.09E-03	1.10E-02	1.08E-03	1.04E-02	1.00E-03	1.37E-02	1.36E-03	1.37E-02	1.36E-03	1.94E-02	1.87E-03	1.11E-02	1.09E-03	1.85E-04	2.13E-05	1.04E-02	1.01E-03	1.27E-04	1.46E-05	1.05E-02	1.01E-03	1.17E+00	1.31E-01	2.17E+00	1.94E-01
2859 Gridded	1.06E-02	1.06E-03	1.63E-05	1.82E-06	5.68E-03	5.41E-04	1.17E-02	1.14E-03	1.15E-02	1.13E-03	1.05E-02	1.06E-03	1.53E-02	1.42E-03	1.53E-02	1.42E-03	1.96E-02	1.96E-03	1.17E-02	1.14E-03	2.27E-04	2.52E-05	1.05E-02	1.06E-03	1.55E-04	1.72E-05	1.06E-02	1.06E-03	1.05E+00	1.29E-01	1.87E+00	1.71E-01
2860 Gridded	1.58E-02	1.13E-03	2.14E-05	1.98E-06	8.30E-03	6.23E-04	1.73E-02	1.26E-03	1.71E-02	1.24E-03	1.58E-02	1.12E-03	2.20E-02	1.69E-03	2.20E-02	1.69E-03	2.93E-02	2.08E-03	1.73E-02	1.26E-03	2.97E-04	2.75E-05	1.58E-02	1.12E-03	2.03E-04	1.88E-05	1.59E-02	1.13E-03	8.63E-01	1.36E-01	1.91E+00	2.03E-01
2861 Gridded	2.08E-02	1.31E-03	2.40E-05	2.05E-06	1.06E-02	7.07E-04	2.24E-02	1.45E-03	2.22E-02	1.43E-03	2.07E-02	1.31E-03	2.77E-02	1.90E-03	2.77E-02	1.90E-03	3.85E-02	2.43E-03	2.24E-02	1.45E-03	3.32E-04	2.84E-05	2.08E-02	1.31E-03	2.27E-04	1.94E-05	2.08E-02	1.31E-03	1.10E+00	1.36E-01	1.63E+00	2.08E-01
2862 Gridded	2.37E-02	1.42E-03	2.26E-05	1.98E-06	1.17E-02	7.49E-04	2.52E-02	1.55E-03	2.50E-02	1.54E-03	2.36E-02	1.41E-03	3.01E-02	1.99E-03	3.01E-02	1.99E-03	4.38E-02	2.63E-03	2.52E-02	1.55E-03	3.14E-04	2.75E-05	2.36E-02	1.42E-03	2.15E-04	1.88E-05	2.37E-02	1.42E-03	1.21E+00	1.35E-01	2.34E+00	2.14E-01
2863 Gridded	2.31E-02	1.45E-03	1.79E-05	1.80E-06	1.12E-02	7.49E-04	2.43E-02	1.57E-03	2.41E-02	1.56E-03	2.30E-02	1.45E-03	2.82E-02	1.97E-03	2.82E-02	1.97E-03	4.28E-02	2.69E-03	2.43E-02	1.57E-03	2.49E-04	2.49E-05	2.31E-02	1.45E-03	1.70E-04	1.71E-05	2.31E-02	1.45E-03	1.41E+00	1.28E-01	3.13E+00	2.07E-01
2864 Gridded	1.92E-02	1.38E-03	1.55E-05	1.52E-06	9.06E-03	6.98E-04	2.00E-02	1.48E-03	1.99E-02	1.47E-03	1.92E-02	1.37E-03	2.26E-02	1.81E-03	2.26E-02	1.81E-03	3.56E-02	2.55E-03	2.00E-02	1.48E-03	2.15E-04	2.11E-05	1.92E-02	1.38E-03	1.47E-04	1.44E-05	1.92E-02	1.38E-03	1.67E+00	1.29E-01	3.67E+00	2.20E-01
2865 Gridded	1.35E-02	1.20E-03	1.62E-05	1.25E-06	6.24E-03	5.96E-04	1.39E-02	1.28E-03	1.39E-02	1.27E-03	1.35E-02	1.19E-03	1.53E-02	1.53E-03	1.53E-02	1.53E-03	2.50E-02	2.22E-03	1.39E-02	1.28E-03	2.24E-04	1.73E-05	1.35E-02	1.20E-03	1.54E-04	1.19E-05	1.35E-02	1.20E-03	1.76E+00	1.39E-01	3.61E+00	2.28E-01
2866 Gridded	1.13E-02	9.76E-04	1.42E-05	1.14E-06	5.64E-03	4.87E-04	1.21E-02	1.04E-03	1.20E-02	1.03E-03	1.13E-02	9.73E-04	1.46E-02	1.26E-03	1.46E-02	1.26E-03	2.10E-02	1.81E-03	1.21E-02	1.04E-03	1.97E-04	1.59E-05	1.13E-02	9.75E-04	1.35E-04	1.09E-05	1.14E-02	9.77E-04	1.60E+00	1.33E-01	2.98E+00	2.09E-01
2867 Gridded	1.24E-02	8.85E-04	1.32E-05	1.03E-06	6.22E-03	4.48E-04	1.32E-02	9.48E-04	1.31E-02	9.39E-04	1.23E-02	8.82E-04	1.61E-02	1.17E-03	1.61E-02	1.17E-03	2.29E-02	1.64E-03	1.32E-02	9.48E-04	1.83E-04	1.43E-05	1.23E-02	8.84E-04	1.25E-04	9.79E-06	1.24E-02	8.86E-04	1.24E+00	1.15E-01	2.16E+00	1.78E-01
2868 Gridded	1.48E-02	8.83E-04	1.50E-05	1.27E-06	7.41E-03	4.54E-04	1.58E-02	9.55E-04	1.57E-02	9.44E-04	1.48E-02	8.80E-04	1.91E-02	1.19E-03	1.91E-02	1.19E-03	2.74E-02	1.64E-03	1.58E-02	9.55E-04	2.08E-04	1.76E-05	1.48E-02	8.82E-04	1.42E-04	1.20E-05	1.48E-02	8.84E-04	8.34E-01	9.69E-02	1.82E+00	1.79E-01
2869 Gridded	1.67E-02	1.03E-03	1.66E-05	1.58E-06	8.29E-03	5.24E-04	1.78E-02	1.11E-03	1.76E-02	1.10E-03	1.66E-02	1.02E-03	2.13E-02	1.37E-03	2.13E-02	1.37E-03	3.09E-02	1.90E-03	1.78E-02	1.11E-03	2.30E-04	2.19E-05	1.67E-02	1.03E-03	1.57E-04	1.50E-05	1.67E-02	1.03E-03	8.63E-01	1.16E-01	2.11E+00	1.91E-01
2870 Gridded	1.77E-02	1.18E-03	1.80E-05	1.86E-06	8.76E-03	6.35E-04	1.88E-02	1.30E-03	1.87E-02	1.28E-03	1.77E-02	1.17E-03	2.24E-02	1.71E-03	2.24E-02	1.71E-03	3.29E-02	2.17E-03	1.88E-02	1.30E-03	2.49E-04	2.58E-05	1.77E-02	1.17E-03	1.71E-04	1.76E-05	1.77E-02	1.18E-03	9.26E-01	1.40E-01	2.34E+00	1.95E-01
2871 Gridded	1.78E-02	1.48E-03	1.77E-05	1.88E-06	8.79E-03	7.68E-04	1.89E-02	1.61E-03	1.88E-02	1.59E-03	1.78E-02	1.47E-03	2.25E-02	2.02E-03	2.25E-02	2.02E-03	3.30E-02	2.74E-03	1.89E-02	1.61E-03	2.46E-04	2.61E-05	1.78E-02	1.48E-03	1.68E-04	1.79E-05	1.78E-02	1.48E-03	9.29E-01	1.44E-01	2.11E+00	1.94E-01
2872 Gridded	1.71E-02	1.69E-03	1.60E-05	1.66E-06	8.43E-03	8.41E-04	1.82E-02	1.80E-03	1.80E-02	1.79E-03	1.70E-02	1.68E-03	2.16E-02	2.16E-03	2.16E-02	2.16E-03	3.17E-02	3.13E-03	1.82E-02	1.80E-03	2.22E-04	2.30E-05	1.71E-02	1.69E-03	1.52E-04	1.57E-05	1.71E-02	1.69E-03	8.80E-01	1.25E-01	1.60E+00	1.55E-01
2873 Gridded	1.63E-02	1.67E-03	1.47E-05	1.32E-06	7.94E-03	8.09E-04	1.72E-02	1.76E-03	1.71E-02	1.75E-03	1.62E-02	1.67E-03	2.02E-02	2.05E-03	2.02E-02	2.05E-03	3.02E-02	3.10E-03	1.72E-02	1.76E-03	2.04E-04	1.83E-05	1.63E-02	1.67E-03	1.40E-04	1.25E-05	1.63E-02	1.67E-03	7.94E-01	9.69E-02	1.13E+00	1.51E-01
2874 Gridded	1.48E-02	1.48E-03	1.39E-05	1.58E-06	7.14E-03	7.04E-04	1.56E-02	1.54E-03	1.55E-02	1.53E-03	1.48E-02	1.47E-03	1.81E-02	1.77E-03	1.81E-02	1.77E-03	2.75E-02	2.74E-03	1.56E-02	1.54E-03	1.92E-04	2.19E-05	1.48E-02	1.47E-03	1.32E-04	1.50E-05	1.48E-02	1.48E-03	6.89E-01	1.15E-01	1.41E+00	1.92E-01
2875 Gridded	1.28E-02	1.29E-03	1.27E-05	2.01E-06	6.21E-03	6.87E-04	1.34E-02	1.42E-03	1.33E-02	1.40E-03	1.27E-02	1.28E-03	1.60E-02	1.84E-03	1.60E-02	1.84E-03	2.37E-02	2.38E-03	1.34E-02	1.42E-03	1.77E-04	2.79E-05	1.28E-02	1.29E-03	1.21E-04	1.91E-05	1.28E-02	1.29E-03	6.37E-01	1.40E-01	1.29E+00	2.19E-01
2876 Gridded	1.07E-02	1.76E-03	1.10E-05	2.36E-06	5.36E-03	9.03E-04	1.14E-02	1.90E-03	1.13E-02	1.88E-03	1.07E-02	1.75E-03	1.39E-02	2.36E-03	1.39E-02	2.36E-03	1.98E-02	3.26E-03	1.14E-02	1.90E-03	1.53E-04	3.28E-05	1.07E-02	1.76E-03	1.05E-04	2.24E-05	1.07E-02	1.76E-03	6.56E-01	1.58E-01	1.54E+00	2.33E-01
2877 Gridded	1.02E-02	2.19E-03	1.23E-05	2.48E-06	5.09E-03	1.11E-03	1.09E-02	2.35E-03	1.08E-02	2.33E-03	1.02E-02	2.18E-03	1.31E-02	2.89E-03	1.31E-02	2.89E-03	1.90E-02	4.06E-03	1.09E-02	2.35E-03	1.71E-04	3.44E-05	1.02E-02	2.19E-03	1.17E-04	2.35E-05	1.02E-02	2.19E-03	6.50E-01	1.75E-01	1.34E+00	2.42E-01
2878 Gridded	9.78E-03	2.58E-03	1.33E-05	2.29E-06	4.82E-03	1.27E-03	1.04E-02	2.74E-03	1.03E-02	2.72E-03	9.74E-03	2.57E-03	1.28E-02	3.24E-03	1.28E-02	3.24E-03	1.81E-02	4.79E-03	1.04E-02	2.74E-03	1.84E-04	3.18E-05	9.76E-03	2.58E-03	1.26E-04	2.18E-05	9.78E-03	2.58E-03	6.13E-01	1.84E-01	1.11E+00	2.46E-01
2879 Gridded	6.36E-03	1.67E-03	7.35E-06	2.26E-06	3.04E-03	8.77E-04	6.65E-03	1.83E-03	6.61E-03	1.80E-03	6.34E-03	1.66E-03	7.98E-03	2.32E-03	7.98E-03	2.32E-03	1.18E-02	3.10E-03	6.65E-03	1.83E-03	1.02E-04	3.13E-05	6.35E-03	1.67E-03	6.98E-05	2.14E-05	6.36E-03	1.67E-03	1.34E+00	1.33E-01	1.17E+00	1.87E-01
2880 Gridded	6.99E-03	1.55E-03	9.47E-06	1.99E-06	3.65E-03	8.04E-04	7.59E-03	1.68E-03	7.50E-03	1.66E-03	6.97E-03	1.54E-03	9.66E-03	2.12E-03	9.66E-03	2.12E-03	1.30E-02	2.86E-03	7.59E-03	1.68E-03	1.31E-04	2.77E-05	6.98E-03	1.54E-03	8.99E-05	1.89E-05	7.00E-03	1.55E-03	1.34E+00	1.18E-01	1.64E+00	1.96E-01
2881 Gridded	8.57E-03	1.36E-03	1.39E-05	1.92E-06	4.46E-03	7.07E-04	9.33E-03	1.48E-03	9.22E-03	1.46E-03	8.53E-03	1.36E-03	1.18E-02	1.86E-03	1.18E-02	1.86E-03	1.59E-02	2.52E-03	9.33E-03	1.48E-03	1.92E-04	2.67E-05	8.55E-03	1.36E-03	1.32E-04	1.82E-05	8.58E-03	1.36E-03	1.28E+00	1.23E-01	2.27E+00	2.07E-01
2882 Gridded	1.18E-02	1.50E-03	1.72E-05	2.17E-06	5.21E-03	7.95E-04	1.19E-02	1.64E-03	1.19E-02	1.62E-03	1.18E-02	1.49E-03	1.29E-02	2.12E-03	1.29E-02	2.12E-03	2.18E-02	2.77E-03	1.19E-02	1.64E-03	2.38E-04	3.01E-05	1.18E-02	1.49E-03	1.63E-04	2.06E-05	1.18E-02	1.50E-03	1.25E+00	1.41E-01	2.89E+00	2.06E-01
2883 Gridded	1.53E-02	1.63E-03	1.43E-05	2.24E-06	6.75E-03	8.57E-04	1.55E-02	1.78E-03	1.55E-02	1.76E-03	1.53E-02	1.62E-03	1.61E-02	2.27E-03	1.61E-02	2.27E-03	2.85E-02	3.02E-03	1.55E-02	1.78E-03	1.98E-04	3.11E-05	1.53E-02	1.63E-03	1.35E-04	2.13E-05	1.53E-02	1.63E-03	1.10E+00	1.49E-01	3.30E+00	2.44E-01
2884 Gridded	1.55E-02	1.68E-03	1.56E-05	2.12E-06	6.84E-03	8.72E-04	1.57E-02	1.83E-03	1.57E-02	1.81E-03	1.55E-02	1.68E-03	1.75E-02	2.29E-03	1.75E-02	2.29E-03	2.89E-02	3.12E-03	1.57E-02	1.83E-03	2.16E-04	2.95E-05	1.55E-02	1.68E-03	1.48E-04	2.02E-05	1.56E-02	1.69E-03	8.38E-01	1.66E-01	3.07E+00	2.64E-01
2885 Gridded	1.34E-02	1.65E-03	1.66E-05	1.89E-06	6.91E-03	8.40E-04	1.45E-02	1.78E-03	1.43E-02	1.76E-03	1.33E-02	1.64E-03	1.81E-02	2.19E-03	1.81E-02	2.19E-03	2.48E-02	3.05E-03	1.45E-02	1.78E-03	2.30E-04	2.62E-05	1.34E-02	1.64E-03	1.57E-04	1.79E-05	1.34E-02	1.65E-03	7.92E-01	1.81E-01	2.13E+00	2.66E-01
2886 Gridded	1.35E-02	1.53E-03	1.58E-05	1.59E-06	6.68E-03	7.66E-04	1.43E-02	1.63E-03	1.42E-02	1.62E-03	1.34E-02	1.52E-03	1.72E-02	1.98E-03	1.72E-02	1.98E-03	2.49E-02	2.83E-03	1.43E-02	1.63E-03	2.19E-04	2.21E-05	1.34E-02	1.52E-03	1.50E-04	1.51E-05	1.35E-02	1.53E-03	7.76E-01	1.76E-01	1.32E+00	2.99E-01
2887 Gridded	1.41E-02	1.34E-03	1.67E-05	1.58E-06	6.94E-03	6.66E-04	1.49E-02	1.43E-03	1.48E-02	1.42E-03	1.40E-02	1.34E-03	1.78E-02	1.71E-03	1.78E-02	1.71E-03	2.61E-02	2.49E-03	1.49E-02	1.43E-03	2.31E-04	2.19E-05	1.41E-02	1.34E-03	1.58E-04	1.50E-05	1.41E-02	1.34E-03	9.97E-01	1.60E-01	1.50E+00	3.12E-01
2888 Gridded	1.38E-02	1.10E-03	1.75E-05	1.48E-06	6.76E-03	5.40E-04	1.46E-02	1.17E-03	1.45E-02	1.16E-03	1.37E-02	1.10E-03	1.72E-02	1.38E-03	1.72E-02	1.38E-03	2.55E-02	2.04E-03	1.46E-02	1.17E-03	2.42E-04	2.05E-05	1.37E-02	1.10E-03	1.66E-04	1.40E-05	1.38E-02	1.10E-03	1.22E+00	1.46E-01	1.88E+00	2.71E-01
2889 Gridded	1.23E-02	1.01E-03	1.56E-05	1.47E-06	6.04E-03	5.21E-04	1.30E-02	1.09E-03	1.29E-02	1.08E-03	1.23E-02	1.00E-03	1.54E-02	1.37E-03	1.54E-02	1.37E-03	2.28E-02	1.86E-03	1.30E-02	1.09E-03	2.17E-04	2.03E-05	1.23E-02	1.01E-03	1.48E-04	1.39E-05	1.23E-02	1.01E-03	1.30E+00	1.38E-01	2.02E+00	2.14E-01
2890 Gridded	1.02E-02	1.07E-03	1.46E-05	1.82E-06	5.28E-03	5.49E-04	1.11E-02	1.15E-03	1.09E-02	1.14E-03	1.01E-02	1.06E-03	1.39E-02	1.44E-03	1.39E-02	1.44E-03	1.88E-02	1.98E-03	1.11E-02	1.15E-03	2.02E-04	2.53E-05	1.02E-02	1.07E-03	1.38E-04	1.73E-05	1.02E-02	1.07E-03	1.18E+00	1.32E-01	2.08E+00	1.81E-01
2891 Gridded	1.48E-02	1.11E-03	2.03E-05	2.07E-06	7.76E-03	6.06E-04	1.61E-02	1.21E-03	1.59E-02	1.19E-03	1.47E-02	1.10E-03	2.06E-02	1.67E-03	2.06E-02	1.67E-03	2.73E-02	2.05E-03	1.61E-02	1.21E-03	2.82E-04	2.87E-05	1.47E-02	1.10E-03	1.93E-04	1.96E-05	1.48E-02	1.11E-03	8.90E-01	1.45E-01	1.87E+00	2.07E-01
2892 Gridded	2.06E-02	1.29E-03	2.36E-05	2.21E-06	1.05E-02	7.09E-04	2.22E-02	1.44E-03	2.20E-02	1.42E-03	2.05E-02	1.28E-03	2.74E-02	1.92E-03	2.74E-02	1.92E-03	3.82E-02	2.39E-03	2.22E-02	1.44E-03	3.27E-04	3.07E-05	2.06E-02	1.29E-03	2.24E-04	2.10E-05	2.06E-02	1.29E-03	1.07E+00	1.49E-01	1.59E+00	2.22E-01
2893 Gridded	2.44E-02	1.43E-03	2.26E-05	2.20E-06	1.21E-02	7.68E-04	2.60E-02	1.58E-03	2.58E-02	1.56E-03	2.44E-02	1.42E-03	3.09E-02	2.06E-03	3.09E-02	2.06E-03	4.53E-02	2.64E-03	2.60E-02	1.58E-03	3.14E-04	3.05E-05	2.44E-02	1.43E-03	2.15E-04	2.09E-05	2.45E-02	1.43E-03	1.23E+00	1.50E-01	2.54E+00	2.33E-01
2894 Gridded	2.43E-02	1.48E-03	1.78E-05	2.01E-06	1.17E-02	7.76E-04	2.55E-02	1.61E-03	2.54E-02	1.60E-03	2.43E-02	1.47E-03	2.94E-02	2.05E-03	2.94E-02	2.05E-03	4.51E-02	2.74E-03	2.55E-02	1.61E-03	2.46E-04	2.79E-05	2.43E-02	1.48E-03	1.69E-04	1.91E-05	2.43E-02	1.48E-03	1.57E+00	1.46E-01	3.75E+00	2.32E-01
2895 Gridded	2.01E-02	1.41E-03	1.60E-05	1.67E-06	9.42E-03	7.21E-04	2.09E-02	1.52E-03	2.08E-02	1.50E-03	2.01E-02	1.40E-03	2.34E-02	1.88E-03	2.34E-02	1.88E-03	3.73E-02	2.61E-03	2.09E-02	1.52E-03	2.22E-04	2.31E-05	2.01E-02	1.40E-03	1.52E-04	1.58E-05	2.01E-02	1.41E-03	1.93E+00	1.41E-01	4.63E+00	2.56E-01
2896 Gridded	1.37E-02	1.21E-03	1.67E-05	1.27E-06	6.29E-03	6.07E-04	1.41E-02	1.30E-03	1.41E-02	1.29E-03	1.37E-02	1.21E-03	1.54E-02	1.56E-03	1.54E-02	1.56E-03	2.55E-02	2.25E-03	1.41E-02	1.30E-03	2.32E-04	1.77E-05	1.37E-02	1.21E-03	1.59E-04	1.21E-05	1.37E-02	1.22E-03	2.02E+00	1.50E-01	4.53E+00	2.58E-01
2897 Gridded	1.14E-02	9.69E-04	1.42E-05	1.21E-06	5.67E-03	4.76E-04	1.22E-02	1.02E-03	1.21E-02	1.02E-03	1.14E-02	9.66E-04	1.47E-02	1.24E-03	1.47E-02	1.24E-03	2.12E-02	1.80E-03	1.22E-02	1.02E-03	1.97E-04	1.68E-05	1.14E-02	9.68E-04	1.35E-04	1.15E-05	1.15E-02	9.70E-04	1.77E+00	1.39E-01	3.52E+00	2.22E-01
2898 Gridded	1.32E-02	9.20E-04	1.43E-05	1.19E-06	6.67E-03	4.75E-04	1.42E-02	9.97E-04	1.40E-02	9.86E-04	1.32E-02	9.16E-04	1.73E-02	1.25E-03	1.73E-02	1.25E-03	2.45E-02	1.70E-03	1.42E-02	9.97E-04	1.99E-04	1.65E-05	1.32E-02	9.18E-04	1.36E-04	1.13E-05	1.32E-02	9.21E-04	1.31E+00	1.17E-01	2.30E+00	1.76E-01
2899 Gridded	1.59E-02	9.42E-04	1.60E-05	1.41E-06	7.94E-03	4.88E-04	1.70E-02	1.02E-03	1.68E-02	1.01E-03	1.58E-02	9.38E-04	2.05E-02	1.28E-03	2.05E-02	1.28E-03	2.94E-02	1.74E-03	1.70E-02	1.02E-03	2.22E-04	1.96E-05	1.59E-02	9.40E-04	1.52E-04	1.34E-05	1.59E-02	9.43E-04	8.46E-01	1.06E-01	2.31E+00	1.92E-01
2900 Gridded	1.78E-02	1.10E-03	1.74E-05	1.79E-06	8.80E-03	5.62E-04	1.89E-02	1.19E-03	1.87E-02	1.17E-03	1.77E-02	1.09E-03	2.26E-02	1.49E-03	2.26E-02	1.49E-03	3.29E-02	2.04E-03	1.89E-02	1.19E-03	2.41E-04	2.48E-05	1.77E-02	1.10E-03	1.65E-04	1.70E-05	1.78E-02	1.10E-03	9.28E-01	1.33E-01	2.67E+00	2.20E-01
2901 Gridded	1.87E-02	1.34E-03	1.83E-05	2.02E-06	9.20E-03	7.15E-04	1.98E-02	1.47E-03	1.96E-02	1.45E-03	1.86E-02	1.33E-03	2.35E-02	1.91E-03	2.35E-02	1.91E-03	3.46E-02	2.47E-03	1.98E-02	1.47E-03	2.53E-04	2.80E-05	1.86E-02	1.33E-03	1.73E-04	1.91E-05	1.87E-02	1.34E-03	9.71E-01	1.55E-01	2.82E+00	2.28E-01
2902 Gridded	1.85E-02	1.71E-03	1.75E-05	1.90E-06	9.09E-03	8.65E-04	1.96E-02	1.83E-03	1.94E-02	1.82E-03	1.84E-02	1.70E-03	2.32E-02	2.25E-03	2.32E-02	2.25E-03	3.42E-02	3.16E-03	1.96E-02	1.83E-03	2.43E-04	2.64E-05	1.84E-02	1.70E-03	1.66E-04	1.80E-05	1.85E-02	1.71E-03	9.47E-01	1.46E-01	2.39E+00	2.01E-01
2903 Gridded	1.73E-02	1.84E-03	1.58E-05	1.54E-06	8.55E-03	9.00E-04	1.84E-02	1.95E-03	1.83E-02	1.93E-03	1.73E-02	1.84E-03	2.19E-02	2.29E-03	2.19E-02	2.29E-03	3.21E-02	3.42E-03	1.84E-02	1.95E-03	2.18E-04	2.14E-05	1.73E-02	1.84E-03	1.49E-04	1.46E-05	1.74E-02	1.85E-03	8.71E-01	1.17E-01	1.68E+00	1.57E-01
2904 Gridded	1.64E-02	1.66E-03	1.44E-05	1.53E-06	7.94E-03	7.94E-04	1.73E-02	1.74E-03	1.72E-02	1.73E-03	1.64E-02	1.66E-03	2.01E-02	1.99E-03	2.01E-02	1.99E-03	3.04E-02	3.08E-03	1.73E-02	1.74E-03	1.99E-04	2.13E-05	1.64E-02	1.66E-03	1.36E-04	1.46E-05	1.64E-02	1.66E-03	7.62E-01	1.11E-01	1.29E+00	1.94E-01
2905 Gridded	1.45E-02	1.35E-03	1.29E-05	1.97E-06	6.93E-03	6.78E-04	1.52E-02	1.45E-03	1.51E-02	1.43E-03	1.44E-02	1.35E-03	1.74E-02	1.75E-03	1.74E-02	1.75E-03	2.68E-02	2.51E-03	1.52E-02	1.45E-03	1.79E-04	2.74E-05	1.45E-02	1.35E-03	1.22E-04	1.87E-05	1.45E-02	1.35E-03	6.41E-01	1.35E-01	1.21E+00	2.18E-01
2906 Gridded	1.20E-02	1.68E-03	1.22E-05	2.42E-06	5.78E-03	8.61E-04	1.26E-02	1.82E-03	1.25E-02	1.80E-03	1.20E-02	1.67E-03	1.49E-02	2.25E-03	1.49E-02	2.25E-03	2.23E-02	3.11E-03	1.26E-02	1.82E-03	1.69E-04	3.35E-05	1.20E-02	1.68E-03	1.16E-04	2.30E-05	1.20E-02	1.68E-03	6.21E-01	1.62E-01	1.50E+00	2.45E-01
2907 Gridded	1.14E-02	2.23E-03	1.27E-05	2.59E-06	5.69E-03	1.14E-03	1.22E-02	2.41E-03	1.21E-02	2.38E-03	1.14E-02	2.22E-03	1.46E-02	2.97E-03	1.46E-02	2.97E-03	2.11E-02	4.13E-03	1.22E-02	2.41E-03	1.76E-04	3.60E-05	1.14E-02	2.23E-03	1.20E-04	2.46E-05	1.14E-02	2.23E-03	6.33E-01	1.87E-01	1.37E+00	2.51E-01
2908 Gridded	1.09E-02	2.75E-03	1.43E-05	2.42E-06	5.37E-03	1.35E-03	1.16E-02	2.91E-03	1.15E-02	2.89E-03	1.08E-02	2.74E-03	1.37E-02	3.44E-03	1.37E-02	3.44E-03	2.02E-02	5.09E-03	1.16E-02	2.91E-03	1.98E-04	3.36E-05	1.09E-02	2.74E-03	1.36E-04	2.30E-05	1.09E-02	2.75E-03	6.43E-01	1.95E-01	1.20E+00	2.66E-01
2909 Gridded	1.10E-02	2.85E-03	1.48E-05	2.51E-06	5.75E-03	1.36E-03	1.20E-02	2.98E-03	1.18E-02	2.96E-03	1.09E-02	2.84E-03	1.52E-02	3.43E-03	1.52E-02	3.43E-03	2.03E-02	5.28E-03	1.20E-02	2.98E-03	2.06E-04	3.48E-05	1.09E-02	2.84E-03	1.41E-04	2.38E-05	1.10E-02	2.85E-03	7.21E-01	2.05E-01	1.44E+00	2.62E-01
2910 Gridded	6.67E-03	1.96E-03	8.65E-06	2.59E-06	3.38E-03	1.02E-03	7.09E-03	2.12E-03	7.03E-03	2.10E-03	6.64E-03	1.95E-03	8.94E-03	2.69E-03	8.94E-03	2.69E-03	1.24E-02	3.64E-03	7.09E-03	2.12E-03	1.20E-04	3.59E-05	6.66E-03	1.96E-03	8.21E-05	2.46E-05	6.67E-03	1.96E-03	8.95E-01	1.61E-01	1.75E+00	1.95E-01
2911 Gridded	6.81E-03	1.88E-03	8.17E-06	2.44E-06	3.36E-03	9.77E-04	7.07E-03	2.04E-03	7.01E-03	2.02E-03	6.79E-03	1.87E-03	8.82E-03	2.58E-03	8.82E-03	2.58E-03	1.26E-02	3.48E-03	7.07E-03	2.04E-03	1.13E-04	3.39E-05	6.80E-03	1.87E-03	7.75E-05	2.32E-05	6.81E-03	1.88E-03	1.15E+00	1.55E-01	1.58E+00	1.79E-01
2912 Gridded	7.83E-03	1.70E-03	1.13E-05	2.27E-06	4.15E-03	8.90E-04	8.59E-03	1.86E-03	8.49E-03	1.83E-03	7.79E-03	1.69E-03	1.11E-02	2.35E-03	1.11E-02	2.35E-03	1.45E-02	3.15E-03	8.59E-03	1.86E-03	1.56E-04	3.15E-05	7.81E-03	1.70E-03	1.07E-04	2.16E-05	7.84E-03	1.70E-03	1.24E+00	1.43E-01	1.26E+00	1.93E-01
2913 Gridded	9.89E-03	1.50E-03	1.30E-05	2.14E-06	5.16E-03	7.89E-04	1.08E-02	1.64E-03	1.06E-02	1.62E-03	9.84E-03	1.49E-03	1.36E-02	2.09E-03	1.36E-02	2.09E-03	1.83E-02	2.78E-03	1.08E-02	1.64E-03	1.81E-04	2.96E-05	9.87E-03	1.50E-03	1.24E-04	2.03E-05	9.90E-03	1.50E-03	1.23E+00	1.28E-01	1.89E+00	2.12E-01
2914 Gridded	1.06E-02	1.66E-03	1.29E-05	2.44E-06	5.39E-03	8.84E-04	1.14E-02	1.83E-03	1.13E-02	1.80E-03	1.05E-02	1.65E-03	1.41E-02	2.36E-03	1.41E-02	2.36E-03	1.95E-02	3.07E-03	1.14E-02	1.83E-03	1.79E-04	3.39E-05	1.05E-02	1.66E-03	1.23E-04	2.32E-05	1.06E-02	1.66E-03	1.21E+00	1.53E-01	2.65E+00	2.15E-01
2915 Gridded	1.26E-02	1.86E-03	1.57E-05	2.49E-06	6.45E-03	9.74E-04	1.35E-02	2.03E-03	1.34E-02	2.01E-03	1.26E-02	1.85E-03	1.70E-02	2.58E-03	1.70E-02	2.58E-03	2.33E-02	3.45E-03	1.35E-02	2.03E-03	2.17E-04	3.46E-05	1.26E-02	1.86E-03	1.49E-04	2.37E-05	1.26E-02	1.86E-03	1.03E+00	1.64E-01	3.19E+00	2.49E-01
2916 Gridded	1.40E-02	1.93E-03	1.86E-05	2.30E-06	7.32E-03	9.88E-04	1.53E-02	2.08E-03	1.51E-02	2.06E-03	1.39E-02	1.92E-03	1.93E-02	2.59E-03	1.93E-02	2.59E-03	2.60E-02	3.57E-03	1.53E-02	2.08E-03	2.57E-04	3.19E-05	1.40E-02	1.92E-03	1.76E-04	2.18E-05	1.40E-02	1.93E-03	7.60E-01	1.63E-01	2.98E+00	2.77E-01
2917 Gridded	1.45E-02	1.83E-03	1.95E-05	1.98E-06	7.60E-03	9.25E-04	1.58E-02	1.97E-03	1.57E-02	1.95E-03	1.45E-02	1.82E-03	2.01E-02	2.40E-03	2.01E-02	2.40E-03	2.69E-02	3.39E-03	1.58E-02	1.97E-03	2.70E-04	2.75E-05	1.45E-02	1.83E-03	1.85E-04	1.88E-05	1.45E-02	1.83E-03	8.10E-01	1.76E-01	2.06E+00	2.74E-01
2918 Gridded	1.51E-02	1.62E-03	1.70E-05	1.62E-06	7.47E-03	8.10E-04	1.61E-02	1.73E-03	1.59E-02	1.72E-03	1.51E-02	1.62E-03	1.91E-02	2.09E-03	1.91E-02	2.09E-03	2.80E-02	3.01E-03	1.61E-02	1.73E-03	2.36E-04	2.25E-05	1.51E-02	1.62E-03	1.61E-04	1.54E-05	1.51E-02	1.62E-03	9.07E-01	1.72E-01	1.32E+00	2.96E-01
2919 Gridded	1.51E-02	1.34E-03	1.86E-05	1.50E-06	7.47E-03	6.62E-04	1.61E-02	1.42E-03	1.59E-02	1.41E-03	1.51E-02	1.33E-03	1.91E-02	1.70E-03	1.91E-02	1.70E-03	2.80E-02	2.48E-03	1.61E-02	1.42E-03	2.58E-04	2.08E-05	1.51E-02	1.34E-03	1.77E-04	1.43E-05	1.51E-02	1.34E-03	1.20E+00	1.54E-01	1.45E+00	2.93E-01
2920 Gridded	1.38E-02	1.01E-03	1.75E-05	1.39E-06	6.85E-03	5.13E-04	1.47E-02	1.08E-03	1.46E-02	1.07E-03	1.38E-02	1.01E-03	1.75E-02	1.36E-03	1.75E-02	1.36E-03	2.56E-02	1.88E-03	1.47E-02	1.08E-03	2.43E-04	1.92E-05	1.38E-02	1.01E-03	1.67E-04	1.32E-05	1.38E-02	1.01E-03	1.38E+00	1.44E-01	1.92E+00	2.40E-01
2921 Gridded	1.15E-02	1.05E-03	1.37E-05	1.79E-06	5.73E-03	5.45E-04	1.23E-02	1.14E-03	1.22E-02	1.13E-03	1.15E-02	1.05E-03	1.50E-02	1.44E-03	1.50E-02	1.44E-03	2.13E-02	1.95E-03	1.23E-02	1.14E-03	1.90E-04	2.48E-05	1.15E-02	1.05E-03	1.30E-04	1.70E-05	1.15E-02	1.05E-03	1.36E+00	1.42E-01	2.28E+00	1.98E-01
2922 Gridded	1.29E-02	1.10E-03	1.82E-05	2.15E-06	6.80E-03	5.90E-04	1.41E-02	1.19E-03	1.39E-02	1.18E-03	1.28E-02	1.09E-03	1.81E-02	1.64E-03	1.81E-02	1.64E-03	2.38E-02	2.03E-03	1.41E-02	1.19E-03	2.52E-04	2.99E-05	1.28E-02	1.10E-03	1.72E-04	2.04E-05	1.29E-02	1.10E-03	1.10E+00	1.53E-01	2.19E+00	1.93E-01
2923 Gridded	1.92E-02	1.27E-03	2.24E-05	2.42E-06	9.81E-03	7.15E-04	2.07E-02	1.43E-03	2.05E-02	1.41E-03	1.91E-02	1.26E-03	2.56E-02	1.96E-03	2.56E-02	1.96E-03	3.55E-02	2.35E-03	2.07E-02	1.43E-03	3.11E-04	3.35E-05	1.92E-02	1.27E-03	2.13E-04	2.29E-05	1.92E-02	1.27E-03	1.00E+00	1.63E-01	1.53E+00	2.27E-01

Scenario 4 Results

2924	Gridded	2.38E-02	1.45E-03	2.23E-05	2.49E-06	1.18E-02	7.99E-04	2.53E-02	1.62E-03	2.51E-02	1.60E-03	2.37E-02	1.44E-03	3.01E-02	2.17E-03	3.01E-02	2.17E-03	4.40E-02	2.69E-03	2.53E-02	1.62E-03	3.09E-04	3.45E-05	2.37E-02	1.45E-03	2.11E-04	2.36E-05	2.38E-02	1.45E-03	1.22E+00	1.67E-01	2.63E+00	2.42E-01
2925	Gridded	2.42E-02	1.53E-03	1.74E-05	2.29E-06	1.16E-02	8.18E-04	2.54E-02	1.69E-03	2.52E-02	1.66E-03	2.41E-02	1.52E-03	2.92E-02	2.19E-03	2.92E-02	2.19E-03	4.49E-02	2.83E-03	2.54E-02	1.69E-03	2.42E-04	3.18E-05	2.42E-02	1.53E-03	1.65E-04	2.18E-05	2.42E-02	1.53E-03	1.79E+00	1.65E-01	4.48E+00	2.48E-01
2926	Gridded	2.00E-02	1.47E-03	1.66E-05	1.85E-06	9.31E-03	7.59E-04	2.07E-02	1.59E-03	2.06E-02	1.57E-03	1.99E-02	1.46E-03	2.30E-02	2.00E-03	2.30E-02	2.00E-03	3.71E-02	2.71E-03	2.07E-02	1.59E-03	2.30E-04	2.57E-05	2.00E-02	1.46E-03	1.57E-04	1.76E-05	2.00E-02	1.47E-03	2.27E+00	1.57E-01	5.96E+00	3.08E-01
2927	Gridded	1.33E-02	1.25E-03	1.72E-05	1.42E-06	6.03E-03	6.28E-04	1.36E-02	1.34E-03	1.35E-02	1.33E-03	1.32E-02	1.25E-03	1.47E-02	1.62E-03	1.47E-02	1.62E-03	2.46E-02	2.32E-03	1.36E-02	1.34E-03	2.39E-04	1.97E-05	1.33E-02	1.25E-03	1.64E-04	1.35E-05	1.33E-02	1.25E-03	2.35E+00	1.64E-01	5.75E+00	3.01E-01
2928	Gridded	1.12E-02	9.72E-04	1.39E-05	1.39E-06	5.59E-03	5.10E-04	1.19E-02	1.06E-03	1.18E-02	1.04E-03	1.12E-02	9.69E-04	1.47E-02	1.36E-03	1.47E-02	1.36E-03	2.08E-02	1.80E-03	1.19E-02	1.06E-03	1.92E-04	1.93E-05	1.12E-02	9.71E-04	1.32E-04	1.32E-05	1.12E-02	9.72E-04	1.98E+00	1.47E-01	4.10E+00	2.36E-01
2929	Gridded	1.43E-02	9.86E-04	1.60E-05	1.49E-06	7.28E-03	5.14E-04	1.54E-02	1.07E-03	1.53E-02	1.06E-03	1.43E-02	9.81E-04	1.89E-02	1.36E-03	1.89E-02	1.36E-03	2.66E-02	1.83E-03	1.54E-02	1.07E-03	2.22E-04	2.07E-05	1.43E-02	9.84E-04	1.52E-04	1.42E-05	1.44E-02	9.87E-04	1.39E+00	1.20E-01	2.36E+00	1.97E-01
2930	Gridded	1.72E-02	1.01E-03	1.74E-05	1.60E-06	8.61E-03	5.27E-04	1.84E-02	1.10E-03	1.82E-02	1.09E-03	1.72E-02	1.01E-03	2.22E-02	1.41E-03	2.22E-02	1.41E-03	3.19E-02	1.87E-03	1.84E-02	1.10E-03	2.41E-04	2.22E-05	1.72E-02	1.01E-03	1.65E-04	1.52E-05	1.72E-02	1.01E-03	9.30E-01	1.20E-01	2.86E+00	2.17E-01
2931	Gridded	1.90E-02	1.18E-03	1.84E-05	1.99E-06	9.37E-03	6.04E-04	2.01E-02	1.27E-03	2.00E-02	1.26E-03	1.89E-02	1.17E-03	2.40E-02	1.65E-03	2.40E-02	1.65E-03	3.51E-02	2.18E-03	2.01E-02	1.27E-03	2.56E-04	2.76E-05	1.89E-02	1.17E-03	1.75E-04	1.89E-05	1.90E-02	1.18E-03	1.01E+00	1.55E-01	3.51E+00	2.73E-01
2932	Gridded	1.94E-02	1.52E-03	1.85E-05	2.07E-06	9.52E-03	7.99E-04	2.05E-02	1.66E-03	2.04E-02	1.64E-03	1.93E-02	1.51E-03	2.43E-02	2.12E-03	2.43E-02	2.12E-03	3.59E-02	2.82E-03	2.05E-02	1.66E-03	2.56E-04	2.87E-05	1.93E-02	1.52E-03	1.75E-04	1.96E-05	1.94E-02	1.52E-03	1.12E+00	1.66E-01	3.51E+00	2.71E-01
2933	Gridded	1.86E-02	1.88E-03	1.69E-05	1.80E-06	9.14E-03	9.32E-04	1.97E-02	2.00E-03	1.96E-02	1.98E-03	1.86E-02	1.87E-03	2.33E-02	2.39E-03	2.33E-02	2.39E-03	3.45E-02	3.48E-03	1.97E-02	2.00E-03	2.35E-04	2.49E-05	1.86E-02	1.88E-03	1.60E-04	1.71E-05	1.86E-02	1.88E-03	1.02E+00	1.42E-01	2.67E+00	2.21E-01
2934	Gridded	1.73E-02	1.89E-03	1.54E-05	1.72E-06	8.43E-03	9.08E-04	1.83E-02	1.99E-03	1.81E-02	1.97E-03	1.72E-02	1.89E-03	2.15E-02	2.29E-03	2.15E-02	2.29E-03	3.20E-02	3.51E-03	1.83E-02	1.99E-03	2.13E-04	2.39E-05	1.73E-02	1.89E-03	1.46E-04	1.63E-05	1.73E-02	1.89E-03	8.37E-01	1.11E-01	1.65E+00	1.98E-01
2935	Gridded	1.59E-02	1.57E-03	1.38E-05	1.96E-06	7.66E-03	7.41E-04	1.67E-02	1.63E-03	1.66E-02	1.62E-03	1.59E-02	1.56E-03	1.93E-02	1.91E-03	1.93E-02	1.91E-03	2.95E-02	2.90E-03	1.67E-02	1.63E-03	1.91E-04	2.71E-05	1.59E-02	1.56E-03	1.31E-04	1.86E-05	1.59E-02	1.57E-03	7.05E-01	1.35E-01	1.23E+00	2.33E-01
2936	Gridded	1.36E-02	1.60E-03	1.36E-05	2.39E-06	6.50E-03	7.96E-04	1.43E-02	1.69E-03	1.42E-02	1.68E-03	1.36E-02	1.59E-03	1.63E-02	2.11E-03	1.63E-02	2.11E-03	2.53E-02	2.96E-03	1.43E-02	1.69E-03	1.88E-04	3.32E-05	1.36E-02	1.59E-03	1.29E-04	2.27E-05	1.36E-02	1.60E-03	6.40E-01	1.65E-01	1.42E+00	2.57E-01
2937	Gridded	1.27E-02	2.13E-03	1.30E-05	2.59E-06	6.37E-03	1.10E-03	1.36E-02	2.30E-03	1.35E-02	2.28E-03	1.27E-02	2.12E-03	1.64E-02	2.87E-03	1.64E-02	2.87E-03	2.36E-02	3.94E-03	1.36E-02	2.30E-03	1.80E-04	3.59E-05	1.27E-02	2.13E-03	1.23E-04	2.46E-05	1.28E-02	2.13E-03	6.41E-01	1.95E-01	1.30E+00	2.54E-01
2938	Gridded	1.24E-02	2.78E-03	1.46E-05	2.51E-06	6.12E-03	1.36E-03	1.32E-02	2.94E-03	1.31E-02	2.92E-03	1.24E-02	2.77E-03	1.57E-02	3.47E-03	1.57E-02	3.47E-03	2.30E-02	5.15E-03	1.32E-02	2.94E-03	2.03E-04	3.48E-05	1.24E-02	2.77E-03	1.39E-04	2.38E-05	1.24E-02	2.78E-03	6.92E-01	2.01E-01	1.23E+00	2.66E-01
2939	Gridded	1.15E-02	2.98E-03	1.57E-05	2.55E-06	6.03E-03	1.42E-03	1.25E-02	3.12E-03	1.24E-02	3.10E-03	1.14E-02	2.97E-03	1.60E-02	3.57E-03	1.60E-02	3.57E-03	2.12E-02	5.52E-03	1.25E-02	3.12E-03	2.18E-04	3.53E-05	1.14E-02	2.98E-03	1.49E-04	2.42E-05	1.15E-02	2.98E-03	7.50E-01	2.13E-01	1.52E+00	2.71E-01
2940	Gridded	1.31E-02	2.72E-03	1.78E-05	2.70E-06	6.73E-03	1.32E-03	1.41E-02	2.83E-03	1.40E-02	2.82E-03	1.30E-02	2.71E-03	1.76E-02	3.42E-03	1.76E-02	3.42E-03	2.42E-02	5.04E-03	1.41E-02	2.83E-03	2.47E-04	3.75E-05	1.31E-02	2.72E-03	1.69E-04	2.57E-05	1.31E-02	2.72E-03	9.12E-01	2.19E-01	1.52E+00	2.65E-01
2941	Gridded	7.38E-03	2.22E-03	8.85E-06	2.61E-06	3.65E-03	1.13E-03	7.85E-03	2.39E-03	7.78E-03	2.37E-03	7.36E-03	2.21E-03	9.37E-03	2.94E-03	9.37E-03	2.94E-03	1.37E-02	4.11E-03	7.85E-03	2.39E-03	1.23E-04	3.61E-05	7.37E-03	2.22E-03	8.39E-05	2.47E-05	7.39E-03	2.22E-03	6.42E-01	1.70E-01	2.20E+00	2.05E-01
2942	Gridded	7.56E-03	2.13E-03	9.28E-06	2.74E-06	3.75E-03	1.08E-03	7.99E-03	2.29E-03	7.93E-03	2.26E-03	7.54E-03	2.12E-03	9.87E-03	2.84E-03	9.87E-03	2.84E-03	1.40E-02	3.94E-03	7.99E-03	2.29E-03	1.29E-04	3.80E-05	7.55E-03	2.12E-03	8.81E-05	2.60E-05	7.56E-03	2.13E-03	6.66E-01	1.77E-01	2.18E+00	2.02E-01
2943	Gridded	7.01E-03	2.01E-03	9.05E-06	2.75E-06	3.64E-03	1.06E-03	7.62E-03	2.19E-03	7.53E-03	2.17E-03	6.97E-03	2.00E-03	9.60E-03	2.80E-03	9.60E-03	2.80E-03	1.30E-02	3.72E-03	7.62E-03	2.19E-03	1.26E-04	3.82E-05	6.99E-03	2.00E-03	8.59E-05	2.61E-05	7.01E-03	2.01E-03	6.99E-01	1.81E-01	2.01E+00	1.90E-01
2944	Gridded	8.13E-03	1.90E-03	1.19E-05	2.65E-06	4.32E-03	1.00E-03	8.93E-03	2.08E-03	8.82E-03	2.05E-03	8.08E-03	1.89E-03	1.15E-02	2.66E-03	1.15E-02	2.66E-03	1.50E-02	3.51E-03	8.93E-03	2.08E-03	1.65E-04	3.68E-05	8.11E-03	1.89E-03	1.13E-04	2.52E-05	8.14E-03	1.90E-03	1.01E+00	1.76E-01	1.68E+00	1.99E-01
2945	Gridded	1.01E-02	1.73E-03	1.38E-05	2.38E-06	5.31E-03	9.10E-04	1.10E-02	1.89E-03	1.09E-02	1.87E-03	1.01E-02	1.72E-03	1.41E-02	2.41E-03	1.41E-02	2.41E-03	1.87E-02	3.20E-03	1.10E-02	1.89E-03	1.91E-04	3.31E-05	1.01E-02	1.73E-03	1.31E-04	2.26E-05	1.01E-02	1.73E-03	1.17E+00	1.62E-01	1.31E+00	2.09E-01
2946	Gridded	1.12E-02	1.88E-03	1.43E-05	2.64E-06	5.81E-03	9.92E-04	1.22E-02	2.06E-03	1.20E-02	2.03E-03	1.11E-02	1.87E-03	1.53E-02	2.64E-03	1.53E-02	2.64E-03	2.07E-02	3.48E-03	1.22E-02	2.06E-03	1.99E-04	3.67E-05	1.12E-02	1.88E-03	1.36E-04	2.51E-05	1.12E-02	1.88E-03	1.15E+00	1.60E-01	2.04E+00	2.11E-01
2947	Gridded	1.39E-02	2.11E-03	1.88E-05	2.68E-06	7.28E-03	1.09E-03	1.52E-02	2.29E-03	1.50E-02	2.26E-03	1.38E-02	2.10E-03	1.93E-02	2.87E-03	1.93E-02	2.87E-03	2.57E-02	3.90E-03	1.52E-02	2.29E-03	2.60E-04	3.72E-05	1.39E-02	2.10E-03	1.78E-04	2.54E-05	1.39E-02	2.11E-03	9.31E-01	1.75E-01	2.74E+00	2.53E-01
2948	Gridded	1.58E-02	2.10E-03	2.14E-05	2.45E-06	8.28E-03	1.07E-03	1.72E-02	2.27E-03	1.70E-02	2.25E-03	1.57E-02	2.10E-03	2.19E-02	2.81E-03	2.19E-02	2.81E-03	2.92E-02	3.90E-03	1.72E-02	2.27E-03	2.97E-04	3.40E-05	1.58E-02	2.10E-03	2.04E-04	2.33E-05	1.58E-02	2.11E-03	8.23E-01	1.77E-01	2.84E+00	3.02E-01
2949	Gridded	1.56E-02	1.90E-03	2.04E-05	2.09E-06	8.12E-03	9.61E-04	1.70E-02	2.04E-03	1.68E-02	2.02E-03	1.55E-02	1.89E-03	2.14E-02	2.50E-03	2.14E-02	2.50E-03	2.88E-02	3.52E-03	1.70E-02	2.04E-03	2.83E-04	2.89E-05	1.56E-02	1.90E-03	1.94E-04	1.98E-05	1.56E-02	1.90E-03	8.83E-01	1.71E-01	1.87E+00	3.12E-01
2950	Gridded	1.56E-02	1.60E-03	1.82E-05	1.67E-06	7.82E-03	8.02E-04	1.67E-02	1.71E-03	1.66E-02	1.69E-03	1.56E-02	1.59E-03	2.02E-02	2.07E-03	2.02E-02	2.07E-03	2.90E-02	2.96E-03	1.67E-02	1.71E-03	2.52E-04	2.31E-05	1.56E-02	1.59E-03	1.73E-04	1.58E-05	1.56E-02	1.60E-03	1.08E+00	1.62E-01	1.49E+00	2.88E-01
2951	Gridded	1.51E-02	1.22E-03	1.90E-05	1.49E-06	7.57E-03	6.11E-04	1.61E-02	1.31E-03	1.60E-02	1.29E-03	1.50E-02	1.22E-03	1.96E-02	1.57E-03	1.96E-02	1.57E-03	2.79E-02	2.27E-03	1.61E-02	1.31E-03	2.63E-04	2.06E-05	1.50E-02	1.22E-03	1.80E-04	1.41E-05	1.51E-02	1.22E-03	1.38E+00	1.50E-01	1.68E+00	2.60E-01
2952	Gridded	1.31E-02	1.01E-03	1.62E-05	1.70E-06	6.61E-03	5.30E-04	1.41E-02	1.10E-03	1.39E-02	1.09E-03	1.31E-02	1.00E-03	1.71E-02	1.40E-03	1.71E-02	1.40E-03	2.43E-02	1.87E-03	1.41E-02	1.10E-03	2.25E-04	2.35E-05	1.31E-02	1.01E-03	1.54E-04	1.61E-05	1.31E-02	1.01E-03	1.53E+00	1.51E-01	2.34E+00	2.13E-01
2953	Gridded	1.08E-02	1.07E-03	1.57E-05	2.18E-06	5.60E-03	5.64E-04	1.18E-02	1.16E-03	1.16E-02	1.15E-03	1.08E-02	1.07E-03	1.48E-02	1.58E-03	1.48E-02	1.58E-03	2.01E-02	1.98E-03	1.18E-02	1.16E-03	2.17E-04	3.02E-05	1.08E-02	1.07E-03	1.49E-04	2.07E-05	1.08E-02	1.07E-03	1.35E+00	1.55E-01	2.55E+00	1.95E-01
2954	Gridded	1.69E-02	1.23E-03	2.14E-05	2.58E-06	8.73E-03	7.10E-04	1.83E-02	1.40E-03	1.81E-02	1.38E-03	1.68E-02	1.22E-03	2.30E-02	1.97E-03	2.30E-02	1.97E-03	3.12E-02	2.27E-03	1.83E-02	1.40E-03	2.96E-04	3.58E-05	1.68E-02	1.23E-03	2.03E-04	2.45E-05	1.69E-02	1.23E-03	1.16E+00	1.74E-01	2.14E+00	2.16E-01
2955	Gridded	2.25E-02	1.46E-03	2.23E-05	2.77E-06	1.12E-02	8.23E-04	2.40E-02	1.65E-03	2.38E-02	1.62E-03	2.24E-02	1.45E-03	2.89E-02	2.26E-03	2.89E-02	2.26E-03	4.17E-02	2.70E-03	2.40E-02	1.65E-03	3.09E-04	3.85E-05	2.25E-02	1.46E-03	2.11E-04	2.63E-05	2.25E-02	1.46E-03	1.18E+00	1.80E-01	2.37E+00	2.41E-01
2956	Gridded	2.40E-02	1.59E-03	1.71E-05	2.58E-06	1.15E-02	8.63E-04	2.51E-02	1.76E-03	2.49E-02	1.74E-03	2.39E-02	1.58E-03	2.89E-02	2.33E-03	2.89E-02	2.33E-03	4.44E-02	2.94E-03	2.51E-02	1.76E-03	2.37E-04	3.58E-05	2.39E-02	1.58E-03	1.62E-04	2.45E-05	2.40E-02	1.59E-03	2.04E+00	1.83E-01	5.11E+00	2.68E-01
2957	Gridded	1.98E-02	1.54E-03	1.66E-05	2.03E-06	9.17E-03	8.04E-04	2.05E-02	1.68E-03	2.04E-02	1.66E-03	1.98E-02	1.53E-03	2.26E-02	2.12E-03	2.26E-02	2.12E-03	3.68E-02	2.85E-03	2.05E-02	1.68E-03	2.30E-04	2.82E-05	1.98E-02	1.54E-03	1.58E-04	1.93E-05	1.98E-02	1.54E-03	2.72E+00	1.77E-01	7.71E+00	3.77E-01
2958	Gridded	1.28E-02	1.30E-03	1.70E-05	1.59E-06	6.09E-03	6.54E-04	1.34E-02	1.40E-03	1.33E-02	1.38E-03	1.28E-02	1.30E-03	1.53E-02	1.69E-03	1.53E-02	1.69E-03	2.37E-02	2.42E-03	1.34E-02	1.40E-03	2.36E-04	2.21E-05	1.28E-02	1.30E-03	1.62E-04	1.51E-05	1.28E-02	1.31E-03	2.74E+00	1.80E-01	7.27E+00	3.59E-01
2959	Gridded	1.16E-02	1.05E-03	1.51E-05	1.60E-06	6.05E-03	5.61E-04	1.27E-02	1.15E-03	1.25E-02	1.14E-03	1.16E-02	1.04E-03	1.60E-02	1.50E-03	1.60E-02	1.50E-03	2.15E-02	1.93E-03	1.27E-02	1.15E-03	2.09E-04	2.22E-05	1.16E-02	1.04E-03	1.43E-04	1.52E-05	1.16E-02	1.05E-03	2.17E+00	1.55E-01	4.42E+00	2.41E-01
2960	Gridded	1.58E-02	1.06E-03	1.79E-05	1.88E-06	8.04E-03	5.57E-04	1.70E-02	1.16E-03	1.68E-02	1.14E-03	1.57E-02	1.05E-03	2.09E-02	1.48E-03	2.09E-02	1.48E-03	2.93E-02	1.96E-03	1.70E-02	1.16E-03	2.49E-04	2.60E-05	1.58E-02	1.06E-03	1.70E-04	1.78E-05	1.58E-02	1.06E-03	1.42E+00	1.23E-01	2.51E+00	2.09E-01
2961	Gridded	1.90E-02	1.12E-03	1.89E-05	1.92E-06	9.49E-03	6.14E-04	2.03E-02	1.25E-03	2.01E-02	1.23E-03	1.89E-02	1.11E-03	2.44E-02	1.67E-03	2.44E-02	1.67E-03	3.52E-02	2.07E-03	2.03E-02	1.25E-03	2.63E-04	2.66E-05	1.90E-02	1.11E-03	1.80E-04	1.82E-05	1.90E-02	1.12E-03	1.09E+00	1.42E-01	3.27E+00	2.61E-01
2962	Gridded	2.05E-02	1.31E-03	1.96E-05	2.15E-06	1.01E-02	6.79E-04	2.18E-02	1.42E-03	2.16E-02	1.40E-03	2.05E-02	1.30E-03	2.59E-02	1.80E-03	2.59E-02	1.80E-03	3.81E-02	2.42E-03	2.18E-02	1.42E-03	2.72E-04	2.98E-05	2.05E-02	1.30E-03	1.86E-04	2.04E-05	2.06E-02	1.31E-03	1.29E+00	1.77E-01	4.51E+00	3.27E-01
2963	Gridded	2.03E-02	1.69E-03	1.86E-05	2.02E-06	9.92E-03	8.68E-04	2.15E-02	1.83E-03	2.13E-02	1.81E-03	2.02E-02	1.68E-03	2.52E-02	2.27E-03	2.52E-02	2.27E-03	3.76E-02	3.13E-03	2.15E-02	1.83E-03	2.58E-04	2.80E-05	2.03E-02	1.69E-03	1.77E-04	1.92E-05	2.03E-02	1.69E-03	1.39E+00	1.70E-01	4.18E+00	3.09E-01
2964	Gridded	1.87E-02	1.93E-03	1.62E-05	1.93E-06	9.12E-03	9.41E-04	1.98E-02	2.04E-03	1.96E-02	2.03E-03	1.86E-02	1.93E-03	2.32E-02	2.39E-03	2.32E-02	2.39E-03	3.46E-02	3.58E-03	1.98E-02	2.04E-03	2.24E-04	2.68E-05	1.87E-02	1.93E-03	1.54E-04	1.83E-05	1.87E-02	1.93E-03	1.14E+00	1.42E-01	2.78E+00	2.30E-01
2965	Gridded	1.71E-02	1.74E-03	1.42E-05	2.14E-06	8.24E-03	8.27E-04	1.79E-02	1.82E-03	1.78E-02	1.81E-03	1.70E-02	1.74E-03	2.08E-02	2.07E-03	2.08E-02	2.07E-03	3.16E-02	3.23E-03	1.79E-02	1.82E-03	1.96E-04	2.97E-05	1.70E-02	1.74E-03	1.34E-04	2.04E-05	1.71E-02	1.74E-03	7.87E-01	1.36E-01	1.43E+00	2.52E-01
2966	Gridded	1.50E-02	1.75E-03	1.39E-05	2.43E-06	7.16E-03	8.63E-04	1.57E-02	1.86E-03	1.56E-02	1.84E-03	1.49E-02	1.74E-03	1.80E-02	2.29E-03	1.80E-02	2.29E-03	2.78E-02	3.24E-03	1.57E-02	1.86E-03	1.93E-04	3.38E-05	1.50E-02	1.75E-03	1.32E-04	2.31E-05	1.50E-02	1.75E-03	6.76E-01	1.75E-01	1.37E+00	2.83E-01
2967	Gridded	1.34E-02	1.97E-03	1.38E-05	2.76E-06	6.70E-03	1.02E-03	1.43E-02	2.14E-03	1.42E-02	2.12E-03	1.33E-02	1.96E-03	1.73E-02	2.70E-03	1.73E-02	2.70E-03	2.47E-02	3.65E-03	1.43E-02	2.14E-03	1.92E-04	3.82E-05	1.33E-02	1.97E-03	1.31E-04	2.62E-05	1.34E-02	1.97E-03	6.84E-01	1.98E-01	1.48E+00	2.60E-01
2968	Gridded	1.38E-02	2.66E-03	1.58E-05	3.03E-06	6.79E-03	1.30E-03	1.46E-02	2.82E-03	1.45E-02	2.80E-03	1.37E-02	2.65E-03	1.74E-02	3.33E-03	1.74E-02	3.33E-03	2.55E-02	4.93E-03	1.46E-02	2.82E-03	2.18E-04	4.21E-05	1.37E-02	2.66E-03	1.49E-04	2.88E-05	1.38E-02	2.66E-03	7.40E-01	2.04E-01	1.60E+00	2.67E-01
2969	Gridded	1.31E-02	2.94E-03	1.66E-05	2.89E-06	6.38E-03	1.40E-03	1.38E-02	3.07E-03	1.37E-02	3.05E-03	1.30E-02	2.93E-03	1.68E-02	3.50E-03	1.68E-02	3.50E-03	2.42E-02	5.45E-03	1.38E-02	3.07E-03	2.30E-04	4.01E-05	1.30E-02	2.93E-03	1.57E-04	2.74E-05	1.31E-02	2.94E-03	7.93E-01	2.11E-01	1.53E+00	2.64E-01
2970	Gridded	1.40E-02	2.70E-03	1.98E-05	2.72E-06	7.18E-03	1.27E-03	1.51E-02	2.81E-03	1.50E-02	2.79E-03	1.39E-02	2.69E-03	1.88E-02	3.25E-03	1.88E-02	3.25E-03	2.59E-02	5.01E-03	1.51E-02	2.81E-03	2.75E-04	3.78E-05	1.40E-02	2.70E-03	1.88E-04	2.59E-05	1.40E-02	2.70E-03	9.81E-01	2.19E-01	1.58E+00	2.80E-01
2971	Gridded	1.51E-02	2.86E-03	2.19E-05	3.55E-06	7.87E-03	1.41E-03	1.62E-02	3.04E-03	1.61E-02	3.02E-03	1.51E-02	2.85E-03	2.10E-02	3.61E-03	2.10E-02	3.61E-03	2.80E-02	5.31E-03	1.62E-02	3.04E-03	3.04E-04	4.92E-05	1.51E-02	2.86E-03	2.08E-04	3.37E-05	1.51E-02	2.87E-03	1.14E+00	2.33E-01	1.72E+00	3.60E-01
2972	Gridded	6.66E-03	2.14E-03	8.33E-06	2.47E-06	3.44E-03	1.09E-03	7.22E-03	2.30E-03	7.14E-03	2.28E-03	6.63E-03	2.13E-03	9.05E-03	2.85E-03	9.05E-03	2.85E-03	1.23E-02	3.96E-03	7.22E-03	2.30E-03	1.16E-04	3.42E-05	6.65E-03	2.13E-03	7.90E-05	2.34E-05	6.67E-03	2.14E-03	7.49E-01	1.77E-01	2.24E+00	2.05E-01
2973	Gridded	7.50E-03	2.25E-03	9.28E-06	2.64E-06	3.75E-03	1.15E-03	7.92E-03	2.43E-03	7.86E-03	2.41E-03	7.47E-03	2.24E-03	9.88E-03	3.01E-03	9.88E-03	3.01E-03	1.39E-02	4.17E-03	7.92E-03	2.43E-03	1.29E-04	3.66E-05	7.49E-03	2.25E-03	8.81E-05	2.51E-05	7.50E-03	2.25E-03	7.37E-01	1.79E-01	2.45E+00	2.09E-01
2974	Gridded	7.87E-03	2.24E-03	1.01E-05	2.88E-06	3.88E-03	1.15E-03	8.27E-03	2.42E-03	8.22E-03	2.40E-03	7.85E-03	2.23E-03	1.03E-02	2.99E-03	1.03E-02	2.99E-03	1.46E-02	4.16E-03	8.27E-03	2.42E-03	1.41E-04	3.99E-05	7.86E-03	2.24E-03	9.62E-05	2.73E-05	7.88E-03	2.25E-03	6.98E-01	1.99E-01	2.58E+00	2.12E-01
2975	Gridded	7.51E-03	2.20E-03	1.02E-05	3.02E-06	3.94E-03	1.16E-03	8.20E-03	2.40E-03	8.10E-03	2.38E-03	7.47E-03	2.19E-03	1.04E-02	3.07E-03	1.04E-02	3.07E-03	1.39E-02	4.07E-03	8.20E-03	2.40E-03	1.42E-04	4.19E-05	7.49E-03	2.20E-03	9.72E-05	2.87E-05	7.51E-03	2.20E-03	7.34E-01	2.07E-01	2.55E+00	2.06E-01
2976	Gridded	7.85E-03	2.15E-03	1.20E-05	2.90E-06	4.19E-03	1.13E-03	8.61E-03	2.35E-03	8.50E-03	2.32E-03	7.82E-03	2.14E-03	1.13E-02	2.98E-03	1.13E-02	2.98E-03	1.45E-02	3.98E-03	8.61E-03	2.35E-03	1.67E-04	4.03E-05	7.84E-03	2.15E-03	1.14E-04	2.76E-05	7.86E-03	2.15E-03	7.57E-01	2.11E-01	2.23E+00	1.99E-01
2977	Gridded	1.02E-02	2.00E-03	1.43E-05	2.51E-06	5.37E-03	1.03E-03	1.11E-02	2.17E-03	1.10E-02	2.14E-03	1.01E-02	1.99E-03	1.43E-02	2.72E-03	1.43E-02	2.72E-03	1.88E-02	3.70E-03	1.11E-02	2.17E-03	1.99E-04	3.48E-05	1.02E-02	2.00E-03	1.36E-04	2.38E-05	1.02E-02	2.00E-03	1.02E+00	1.93E-01	1.70E+00	2.20E-01
2978	Gridded	1.23E-02	2.04E-03	1.61E-05	2.85E-06	6.40E-03	1.08E-03	1.34E-02	2.23E-03	1.32E-02	2.21E-03	1.22E-02	2.03E-03	1.69E-02	2.86E-03	1.69E-02	2.86E-03	2.28E-02	3.78E-03	1.34E-02	2.23E-03	2.23E-04	3.95E-05	1.23E-02	2.04E-03	1.52E-04	2.70E-05	1.23E-02	2.04E-03	1.02E+00	1.69E-01	1.44E+00	2.28E-01
2979	Gridded	1.53E-02	2.24E-03	2.03E-05	2.95E-06	7.98E-03	1.17E-03	1.66E-02	2.44E-03	1.64E-02	2.41E-03	1.52E-02	2.23E-03	2.11E-02	3.08E-03	2.11E-02	3.08E-03	2.83E-02	4.14E-03	1.66E-02	2.44E-03	2.82E-04	4.09E-05	1.52E-02	2.23E-03	1.93E-04	2.80E-05	1.53E-02	2.24E-03	8.52E-01	1.95E-01	2.29E+00	2.61E-01
2980	Gridded	1.62E-02	2.17E-03	2.26E-05	2.66E-06	8.54E-03	1.12E-03	1.77E-02	2.35E-03	1.75E-02	2.33E-03	1.61E-02	2.16E-03	2.27E-02	2.94E-03	2.27E-02	2.94E-03	3.00E-02	4.03E-03	1.77E-02	2.35E-03	3.13E-04	3.69E-05	1.62E-02	2.17E-03	2.14E-04	2.53E-05	1.62E-02	2.18E-03	8.89E-01	2.04E-01	2.56E+00	3.31E-01
2981	Gridded	1.54E-02	1.87E-03	2.02E-05	2.18E-06	7.87E-03	9.56E-04	1.66E-02	2.02E-03	1.65E-02	2.00E-03	1.53E-02	1.86E-03	2.06E-02	2.50E-03	2.06E-02	2.50E-03	2.85E-02	3.47E-03	1.66E-02	2.02E-03	2.80E-04	3.02E-05	1.54E-02	1.87E-03	1.91E-04	2.07E-05	1.54E-02	1.87E-03	9.05E-01	1.93E-01	1.87E+00	3.57E-01
2982	Gridded	1.58E-02	1.45E-03	2.02E-05	1.63E-06	8.09E-03	7.36E-04	1.70E-02	1.56E-03	1.69E-02	1.54E-03	1.57E-02	1.44E-03	2.12E-02	1.91E-03	2.12E-02	1.91E-03	2.92E-02	2.68E-03	1.70E-02	1.56E-03	2.80E-04	2.25E-05	1.57E-02	1.45E-03	1.92E-04	1.54E-05	1.58E-02	1.45E-03	1.27E+00	1.62E-01	1.62E+00	3.26E-01
2983	Gridded	1.46E-02	9.70E-04	1.90E-05	1.55E-06	7.49E-03	4.95E-04	1.58E-02	1.04E-03	1.56E-02	1.03E-03	1.45E-02	9.66E-04	1.96E-02	1.32E-03	1.96E-02	1.32E-03	2.70E-02	1.80E-03	1.58E-02	1.04E-03	2.64E-04	2.15E-05	1.46E-02	9.69E-04	1.80E-04	1.47E-05	1.46E-02	9.71E-04	1.60E+00	1.51E-01	1.97E+00	2.64E-01
2984	Gridded	1.15E-02	1.01E-03	1.37E-05	2.08E-06	5.84E-03	5.28E-04	1.24E-02	1.10E-03	1.22E-02	1.09E-03	1.14E-02	1.01E-03	1.53E-02	1.46E-03	1.53E-02	1.46E-03	2.13E-02	1.87E-03	1.24E-02	1.10E-03	1.90E-04	2.89E-05	1.15E-02	1.01E-03	1.30E-04	1.97E-05	1.15E-02	1.01E-03	1.57E+00	1.61E-01	2.50E+00	2.01E-01
2985	Gridded	1.39E-02	1.15E-03	1.95E-05	2.61E-06	7.35E-03	6.77E-04	1.53E-02	1.33E-03	1.51E-02	1.30E-03	1.39E-02	1.14E-03	1.95E-02	1.90E-03	1.95E-02	1.90E-03	2.58E-02	2.12E-03	1.53E-02	1.33E-03	2.71E-04	3.61E-05	1.39E-02	1.15E-03	1.85E-04	2.47E-05	1.39E-02	1.15E-03	1.32E+00	1.77E-01	2.91E+00	2.13E-01
2986	Gridded	2.09E-02	1.42E-03	2.17E-05	2.92E-06	1.05E-02	8.17E-04	2.24E-02	1.62E-03	2.22E-02	1.59E-03	2.09E-02	1.41E-03	2.72E-02	2.26E-03	2.72E-02	2.26E-03	3.88E-02	2.63E-03	2.24E-02	1.62E-03	3.01E-04	4.05E-05	2.09E-02	1.42E-03	2.06E-04	2.77E-05	2.10E-02	1.43E-03	1.10E+00	1.93E-01	1.71E+00	2.31E-01
2987	Gridded	2.37E-02	1.61E-03	1.65E-05	2.75E-06	1.13E-02	8.82E-04	2.49E-02	1.79E-03	2.47E-02	1.76E-03	2.37E-02	1.59E-03	2.85E-02	2.39E-03	2.85E-02	2.39E-03	4.40E-02	2.97E-03	2.49E-02	1.79E-03	2.28E-04	3.82E-05	2.37E-02	1.60E-03	1.56E-04	2.61E-05	2.38E-02	1.61E-03	2.28E+00	2.01E-01	4.97E+00	2.70E-01
2988	Gridded	1.96E-02	1.59E-03	1.57E-05	2.12E-06	8.98E-03	8.32E-04	2.01E-02	1.74E-03	2.01E-02	1.72E-03	1.96E-02	1.58E-03	2.20E-02	2.20E-03	2.20E-02	2.20E-03	3.63E-02	2.95E-03	2.01E-02	1.74E-03	2.18E-04	2.94E-05	1.96E-02	1.59E-03	1.49E-04	2.01E-05	1.96E-02	1.59E-03	3.21E+00	1.97E-01	8.88E+00	4.25E-01
2989	Gridded	1.39E-02	1.34E-03	1.56E-05	1.72E-06	6.59E-03	6.68E-04	1.45E-02	1.43E-03	1.44E-02	1.42E-03	1.39E-02	1.33E-03	1.64E-02	1.72E-03	1.64E-02	1.72E-03	2.59E-02	2.48E-03	1.45E-02	1.43E-03	2.16E-04	2.39E-05	1.39E-02	1.34E-03	1.48E-04	1.64E-05	1.40E-02	1.34E-03	3.03E+00	1.91E-01	8.01E+00	3.86E-01
2990	Gridded	1.23E-02	1.12E-03	1.64E-05	1.89E-06	6.45E-03	6.04E-04	1.35E-02	1.24E-03	1.33E-02	1.22E-03	1.23E-02	1.12E-03	1.71E-02	1.62E-03	1.71E-02	1.62E-03	2.29E-02	2.08E-03	1.35E-02	1.24E-03	2.28E-04	2.63E-05	1.23E-02	1.12E-03	1.56E-04	1.80E-05	1.24E-02	1.12E-03	2.18E+00	1.53E-01	3.87E+00	2.37E-01
2991	Gridded	1.73E-02	1.12E-03	1.94E-05	2.27E-06	8.76E-03	5.90E-04	1.86E-02	1.23E-03	1.84E-02	1.21E-03	1.72E-02	1.12E-03	2.28E-02	1.57E-03	2.28E-02	1.57E-03	3.20E-02	2.08E-03	1.86E-02	1.23E-03	2.69E-04	3.14E-05	1.72E-02	1.12E-03	1.84E-04	2.15E-05	1.73E-02	1.13E-03	1.32E+00	1.32E-01	3.21E+00	2.16E-01
2992	Gridded	2.09E-02	1.30E-03	1.99E-05	2.20E-06	1.03E-02	7.11E-04	2.22E-02	1.45E-03	2.20E-02	1.43E-03	2.08E-02	1.29E-03	2.66E-02	1.93E-03	2.66E-02	1.93E-03	3.87E-02	2.40E-03	2.22E-02	1.45E-03	2.76E-04	3.05E-05	2.08E-02	1.29E-03	1.89E-04	2.09E-05	2.09E-02	1.30E-03	1.20E+00	1.67E-01	4.11E+00	3.09E-01
2993	Gridded	2.21E-02	1.48E-03	1.99E-05	2.21E-06	1.08E-02	7.60E-04	2.34E-02	1.60E-03	2.32E-02	1.58E-03	2.21E-02	1.47E-03	2.75E-02	1.99E-03	2.75E-02	1.99E-03	4.10E-02	2.74E-03	2.34E-02	1.60E-03	2.77E-04	3.07E-05	2.21E-02	1.48E-03	1.89E-04	2.10E-05	2.22E-02	1.48E-03	1.68E+00	1.92E-01	5.15E+00	3.60E-01
2994	Gridded	2.11E-02	1.75E-03	1.81E-05	2.25E-06	1.02E-02	8.81E-04	2.22E-02	1.88E-03	2.21E-02	1.86E-03	2.10E-02	1.75E-03	2.59E-02	2.28E-03	2.59E-02	2.28E-03	3.91E-02	3.25E-03	2.22E-02	1.88E-03	2.51E-04	3.12E-05	2.11E-02	1.75E-03	1.71E-04	2.14E-05	2.11E-02	1.75E-03	1.66E+00	1.84E-01	4.25E+00	3.09E-01
2995	Gridded	1.86E-02	1.81E-03	1.49E-05	2.54E-06	9.03E-03	8.69E-04	1.96E-02	1.90E-03	1.95E-02	1.89E-03	1.86E-02	1.80E-03	2.29E-02	2.19E-03	2.29E-02	2.19E-03	3.45E-02	3.35E-03	1.96E-02	1.90E-03	2.06E-04	3.52E-05	1.86E-02	1.81E-03	1.41E-04	2.41E-05	1.86E-02	1.81E-03	1.21E+00	1.50E-01	2.38E+00	2.69E-01
2996	Gridded	1.65E-02	1.90E-03	1.36E-05	2.75E-06	7.90E-03	9.43E-04	1.73E-02	2.02E-03	1.72E-02	2.00E-03	1.65E-02	1.89E-03	1.98E-02	2.42E-03	1.98E-02	2.42E-03	3.06E-02	3.52E-03	1.73E-02	2.02E-03	1.89E-04	3.81E-05	1.65E-02	1.90E-03	1.29E-04	2.61E-05	1.65E-02	1.90E-03	8.55E-01	1.84E-01	1.77E+00	3.08E-01
2997	Gridded	1.37E-02	2.02E-03	1.54E-05	3.11E-06	6.55E-03	1.06E-03	1.43E-02	2.21E-03	1.42E-02	2.18E-03	1.37E-02	2.01E-03	1.70E-02	2.81E-03	1.70E-02	2.81E-03	2.54E-02	3.74E-03	1.43E-02	2.21E-03	2.13E-04	4.32E-05	1.37E-02	2.02E-03	1.46E-04	2.95E-05	1.37E-02	2.02E-03	7.66E-01	2.09E-01	1.65E+00	2.68E-01
2998	Gridded	1.40E-02	2.47E-03	1.63E-05	3.47E-06	6.91E-03	1.21E-03	1.48E-02	2.62E-03	1.47E-02	2.59E-03	1.39E-02	2.46E-03	1.77E-02	3.10E-03	1.77E-02	3.10E-03	2.59E-02	4.57E-03	1.48E-02	2.62E-03	2.25E-04	4.81E-05	1.39E-02	2.46E-03	1.54E-04	3.29E-05	1.40E-02	2.47E-03	7.67E-01	2.01E-01	1.79E+00	2.52E-01
2999	Gridded	1.40E-02	2.73E-03	1.82E-05	3.35E-06	6.81E-03	1.30E-03	1.47E-02	2.85E-03	1.46E-02	2.83E-03	1.39E-02	2.72E-03	1.74E-02	3.41E-03	1.74E-02	3.41E-03	2.59E-02	5.06E-03	1.47E-02	2.85E-03	2.52E-04	4.64E-05	1.39E-02	2.73E-03	1.72E-04	3.18E-05	1.40E-02	2.73E-03	8.44E-01	1.99E-01	1.92E+00	3.10E-01
3000	Gridded	1.49E-02	2.79E-03	2.20E-05	3.35E-06	7.68E-03	1.40E-03	1.61E-02	2.98E-03	1.60E-02	2.96E-03	1.48E-02	2.78E-03	2.01E-02	3.61E-03	2.01E-02	3.61E-03	2.76E-02	5.17E-03	1.61E-02	2.98E-03	3.04E-04	4.64E-05	1.49E-02	2.79E-03	2.08E-04	3.18E-05	1.49E-02	2.79E-03	1.02E+00	2.23E-01	1.80E+00	3.56E-01
3001	Gridded	1.65E-02	2.90E-03	2.51E-05	4.37E-06	8.69E-03	1.43E-03	1.78E-02	3.08E-03	1.76E-02	3.05E-03	1.64E-02	2.89E-03	2.33E-02	3.66E-03	2.33E-02	3.66E-03	3.06E-02	5.37E-03	1.78E-02	3.08E-03	3.49E-04	6.05E-05	1.65E-02	2.90E-03	2.39E-04	4.14E-05	1.65E-02	2.90E-03	1.25E+00	2.71E-01	1.85E+00	3.96E-01
3002	Gridded	1.94E-02	3.46E-03	2.59E-05	4.98E-06	1.02E-02	1.68E-03	2.12E-02	3.65E-03	2.09E-02	3.62E-03	1.93E-02	3.45E-03	2.68E-02	4.47E-03	2.68E-02	4.47E-03	3.60E-02	6.41E-03	2.12E-02	3.65E-03	3.59E-04	6.90E-05	1.94E-02	3.45E-03	2.45E-04	4.72E-05	1.95E-02	3.46E-03	1.36E+00	3.14E-01	1.89E+00	4.37E-01
3003	Gridded	6.69E-03	1.77E-03	8.56E-06	2.28E-06	3.40E-03	9.17E-04	7.20E-03	1.92E-03	7.13E-03	1.90E-03	6.66E-03	1.76E-03	8.86E-03	2.42E-03	8.86E-03	2.42E-03	1.24E-02	3.27E-03	7.20E-03	1.92E-03	1.19E-04	3.16E-05	6.68E-03	1.76E-03	8.12E-05	2.16E-05	6.69E-03	1.77E-03	7.05E-01	1.77E-01	2.27E+00	2.12E-01
3004	Gridded	6.94E-03	2.04E-03	8.95E-06	2.41E-06	3.55E-03	1.05E-03	7.49E-03	2.21E-03	7.41E-03	2.18E-03	6.91E-03	2.04E-03	9.26E-03	2.74E-03	9.26E-03	2.74E-03	1.29E-02	3.79E-03	7.49E-03	2.21E-03	1.24E-04	3.34E-05	6.93E-03	2.04E-03	8.50E-05	2.29E-05	6.95E-03	2.05E-03	7.78E-01	1.86E-01	2.24E+00	2.24E-01
3005	Gridded	7.33E-03	2.30E-03	9.87E-06	2.71E-06	3.84E-03	1.18E-03	7.99E-03	2.48E-03	7.90E-03	2.46E-03	7.29E-03	2.29E-03	1.02E-02	3.08E-03	1.02E-02	3.08E-03	1.36E-02	4.26E-03	7.99E-03	2.48E-03	1.37E-04	3.76E-05	7.32E-03	2.29E-03	9.37E-05	2.57E-05	7.34E-03	2.30E-03	8.36E-01	1.88E-01	2.57E+00	2.38E-01
3006	Gridded	8.19E-03	2.39E-03	1.09E-05	2.85E-06	4.13E-03	1.22E-03	8.60E-03	2.58E-03	8.50E-03	2.55E-03	8.17E-03	2.38E-03	1.09E-02	3.18E-03	1.09E-02	3.18E-03	1.52E-02	4.43E-03	8.60E-03	2.58E-03	1.51E-04	3.96E-05	8.18E-03	2.39E-03	1.03E-04	2.71E-05	8.20E-03	2.39E-03	8.42E-01	2.15E-01	2.90E+00	2.37E-01
3007	Gridded	7.99E-03	2.37E-03	1.10E-05	3.05E-06	4.15E-03	1.23E-03	8.63E-03	2.57E-03	8.52E-03	2.55E-03	7.97E-03	2.36E-03	1.10E-02	3.24E-03	1.10E-02	3.24E-03	1.48E-02	4.38E-03	8.63E-03	2.57E-03	1.52E-04	4.23E-05	7.98E-03	2.36E-03	1.04E-04	2.89E-05	7.99E-03	2.37E-03	7.63E-01	2.31E-01	2.98E+00	2.21E-01
3008	Gridded	7.76E-03	2.37E-03	1.17E-05	2.99E-06	3.98E-03	1.23E-03	8.37E-03	2.57E-03	8.29E-03	2.54E-03	7.73E-03	2.36E-03	1.07E-02	3.23E-03	1.07E-02	3.23E-03	1.44E-02	4.39E-03	8.37E-03	2.57E-03	1.63E-04	4.14E-05	7.75E-03	2.37E-03	1.11E-04	2.84E-05	7.77E-03	2.37E-03	8.05E-01	2.34E-01	2.74E+00	2.04E-01
3009	Gridded	1.00E-02	2.21E-03	1.42E-05	2.62E-06	5.30E-03	1.13E-03	1.10E-02	2.38E-03	1.08E-02	2.36E-03	9.96E-03	2.20E-03	1.41E-02	2.96E-03	1.41E-02	2.96E-03	1.85E-02	4.09E-03	1.10E-02	2.38E-03	1.97E-04	3.63E-05	1.00E-02	2.20E-03	1.35E-04	2.49E-05	1.00E-02	2.21E-03	7.61E-01	2.27E-01	2.26E+00	2.32E-01
3010	Gridded	1.24E-02	2.13E-03	1.65E-05	3.14E-06	6.50E-03	1.13E-03	1.36E-02	2.34E-03	1.34E-02	2.31E-03	1.24E-02	2.11E-03	1.72E-02	3.03E-03	1.72E-02	3.03E-03	2.30E-02	3.93E-03	1.36E-02	2.34E-03	2.29E-04	4.36E-05	1.24E-02	2.12E-03	1.56E-04	2.98E-05	1.25E-02	2.13E-03	9.31E-01	1.95E-01	1.50E+00	2.59E-01
3011	Gridded	1.50E-02	2.28E-03	2.14E-05	3.15E-06	7.93E-03	1.20E-03	1.64E-02	2.50E-03	1.62E-02	2.47E-03	1.49E-02	2.27E-03	2.11E-02	3.19E-03	2.11E-02	3.19E-03	2.77E-02	4.23E-03	1.64E-02	2.50E-03	2.97E-04	4.37E-05	1.49E-02	2.28E-03	2.03E-04	2.99E-05	1.50E-02	2.29E-03	1.02E+00	2.21E-01	1.68E+00	2.69E-01
3012	Gridded	1.53E-02	2.06E-03	2.22E-05	2.70E-06	8.12E-03	1.07E-03	1.68E-02	2.24E-03	1.66E-02	2.21E-03	1.52E-02	2.05E-03	2.16E-02	2.83E-03	2.16E-02	2.83E-03	2.83E-02	3.81E-03	1.68E-02	2.24E-03	3.08E-04	3.74E-05	1.53E-02	2.05E-03	2.10E-04	2.56E-05	1.53E-02	2.06E-03	9.89E-01	2.34E-01	1.93E+00	3.49E-01
3013	Gridded	1.55E-02	1.61E-03	2.14E-05	2.07E-06	8.17E-03	8.36E-04	1.70E-02	1.75E-03	1.68E-02	1.73E-03	1.54E-02	1.60E-03	2.17E-02	2.20E-03	2.17E-02	2.20E-03	2.87E-02	2.98E-03	1.70E-02	1.75E-03	2.97E-04	2.87E-05	1.55E-02	1.61E-03	2.04E-04	1.96E-05	1.55E-02	1.61E-03	1.01E+00	2.14E-01	1.94E+00	3.87E-01
3014	Gridded	1.55E-02	1.08E-03	2.08E-05	1.64E-06	8.09E-03	5.62E-04	1.69E-02	1.17E-03	1.67E-02	1.16E-03	1.54E-02	1.07E-03	2.14E-02	1.48E-03	2.14E-02	1.48E-03	2.86E-02	2.00E-03	1.69E-02	1.17E-03	2.88E-04	2.28E-05	1.54E-02	1.08E-03	1.97E-04	1.56E-05	1.55E-02	1.08E-03	1.45E+00	1.71E-01	1.63E+00	3.68E-01
3015	Gridded	1.28E-02	9.18E-04	1.71E-05	1.88E-06	6.68E-03	4.98E-04	1.39E-02	1.01E-03	1.38E-02	9.96E-04	1.27E-02	9.13E-04	1.77E-02	1.35E-03	1.77E-02	1.35E-03	2.37E-02	1.70E-03	1.39E-02	1.01E-03	2.37E-04	2.61E-05	1.28E-02	9.16E-04	1.62E-04	1.79E-05	1.28E-02	9.19E-04	1.64E+00	1.61E-01	2.13E+00	2.90E-01
3016	Gridded	1.12E-02	1.05E-03	1.62E-05	2.53E-06	5.72E-03	6.31E-04	1.21E-02	1.23E-03	1.20E-02	1.20E-03	1.11E-02	1.04E-03	1.50E-02	1.78E-03	1.50E-02	1.78E-03	2.07E-02	1.95E-03	1.21E-02	1.23E-03	2.25E-04	3.51E-05	1.12E-02	1.05E-03	1.54E-04	2.40E-05	1.12E-02	1.06E-03	1.44E+00	1.80E-01	2.75E+00	2.22E-01
3017	Gridded	1.82E-02	1.37E-03	1.95E-05	3.02E-06	9.19E-03	8.03E-04	1.95E-02	1.58E-03	1.94E-02	1.55E-03	1.82E-02	1.36E-03	2.38E-02	2.24E-03	2.38E-02	2.24E-03	3.38E-02	2.54E-03	1.95E-02	1.58E-03	2.71E-04	4.19E-05	1.82E-02	1.37E-03	1.85E-04	2.87E-05	1.82E-02	1.38E-03	1.32E+00	2.00E-01	2.05E+00	2.37E-01
3018	Gridded	2.25E-02	1.63E-03	1.52E-05	2.93E-06	1.07E-02	9.06E-04	2.35E-02	1.83E-03	2.34E-02	1.80E-03	2.25E-02	1.62E-03	2.68E-02	2.47E-03	2.68E-02	2.47E-03	4.17E-02	3.02E-03	2.35E-02	1.83E-03	2.11E-04	4.06E-05	2.25E-02	1.63E-03	1.44E-04	2.78E-05	2.25E-02	1.63E-03	2.24E+00	2.21E-01	3.78E+00	2.38E-01

Scenario 4 Results

3019 Gridded	1.87E-02	1.67E-03	1.42E-05	2.16E-06	8.50E-03	8.67E-04	1.92E-02	1.81E-03	1.91E-02	1.79E-03	1.87E-02	1.66E-03	2.07E-02	2.29E-03	2.07E-02	2.29E-03	3.47E-02	3.09E-03	1.92E-02	1.81E-03	1.96E-04	3.00E-05	1.87E-02	1.66E-03	1.34E-04	2.05E-05	1.87E-02	1.67E-03	3.39E+00	2.03E-01	8.84E+00	4.20E-01
3020 Gridded	1.42E-02	1.40E-03	1.33E-05	1.86E-06	6.66E-03	6.86E-04	1.48E-02	1.48E-03	1.47E-02	1.47E-03	1.42E-02	1.39E-03	1.65E-02	1.75E-03	1.65E-02	1.75E-03	2.64E-02	2.59E-03	1.48E-02	1.48E-03	1.85E-04	2.58E-05	1.42E-02	1.39E-03	1.26E-04	1.77E-05	1.42E-02	1.40E-03	2.91E+00	1.81E-01	7.28E+00	3.52E-01
3021 Gridded	1.26E-02	1.19E-03	1.69E-05	2.27E-06	6.58E-03	6.41E-04	1.37E-02	1.32E-03	1.36E-02	1.30E-03	1.25E-02	1.19E-03	1.74E-02	1.72E-03	1.74E-02	1.72E-03	2.33E-02	2.21E-03	1.37E-02	1.32E-03	2.34E-04	3.15E-05	1.26E-02	1.19E-03	1.60E-04	2.15E-05	1.26E-02	1.20E-03	1.91E+00	1.48E-01	3.12E+00	2.25E-01
3022 Gridded	1.79E-02	1.18E-03	1.93E-05	2.53E-06	9.06E-03	6.54E-04	1.93E-02	1.28E-03	1.91E-02	1.26E-03	1.79E-02	1.17E-03	2.35E-02	1.83E-03	2.35E-02	1.83E-03	3.32E-02	2.18E-03	1.93E-02	1.28E-03	2.68E-04	3.51E-05	1.79E-02	1.18E-03	1.83E-04	2.40E-05	1.80E-02	1.18E-03	1.28E+00	1.56E-01	4.03E+00	2.21E-01
3023 Gridded	2.17E-02	1.48E-03	1.91E-05	2.33E-06	1.07E-02	7.93E-04	2.30E-02	1.63E-03	2.28E-02	1.61E-03	2.17E-02	1.47E-03	2.72E-02	2.12E-03	2.72E-02	2.12E-03	4.03E-02	2.73E-03	2.30E-02	1.63E-03	2.65E-04	3.23E-05	2.17E-02	1.47E-03	1.82E-04	2.21E-05	2.17E-02	1.48E-03	1.77E+00	1.96E-01	5.42E+00	3.73E-01
3024 Gridded	2.27E-02	1.56E-03	1.89E-05	2.35E-06	1.10E-02	7.90E-04	2.39E-02	1.68E-03	2.37E-02	1.66E-03	2.26E-02	1.56E-03	2.77E-02	2.05E-03	2.77E-02	2.05E-03	4.21E-02	2.89E-03	2.39E-02	1.68E-03	2.62E-04	3.26E-05	2.27E-02	1.56E-03	1.79E-04	2.23E-05	2.27E-02	1.56E-03	2.16E+00	2.17E-01	5.53E+00	3.77E-01
3025 Gridded	2.09E-02	1.56E-03	1.63E-05	3.06E-06	1.00E-02	7.77E-04	2.19E-02	1.66E-03	2.18E-02	1.65E-03	2.09E-02	1.55E-03	2.52E-02	2.02E-03	2.52E-02	2.02E-03	3.88E-02	2.89E-03	2.19E-02	1.66E-03	2.26E-04	4.25E-05	2.09E-02	1.56E-03	1.55E-04	2.91E-05	2.09E-02	1.56E-03	1.76E+00	1.90E-01	3.52E+00	2.89E-01
3026 Gridded	1.82E-02	1.87E-03	1.28E-05	3.28E-06	8.69E-03	9.51E-04	1.90E-02	2.01E-03	1.89E-02	1.99E-03	1.81E-02	1.86E-03	2.18E-02	2.47E-03	2.18E-02	2.47E-03	3.37E-02	3.47E-03	1.90E-02	2.01E-03	1.78E-04	4.55E-05	1.82E-02	1.87E-03	1.22E-04	3.11E-05	1.82E-02	1.87E-03	1.13E+00	1.90E-01	2.30E+00	3.23E-01
3027 Gridded	1.52E-02	2.10E-03	1.63E-05	3.35E-06	7.21E-03	1.09E-03	1.59E-02	2.23E-03	1.58E-02	2.20E-03	1.52E-02	2.10E-03	1.80E-02	2.94E-03	1.80E-02	2.94E-03	2.83E-02	3.90E-03	1.59E-02	2.23E-03	2.27E-04	4.65E-05	1.52E-02	2.10E-03	1.55E-04	3.18E-05	1.53E-02	2.10E-03	9.80E-01	2.16E-01	1.88E+00	2.96E-01
3028 Gridded	1.38E-02	2.42E-03	1.80E-05	3.88E-06	6.81E-03	1.24E-03	1.46E-02	2.61E-03	1.45E-02	2.59E-03	1.37E-02	2.41E-03	1.75E-02	3.25E-03	1.75E-02	3.25E-03	2.55E-02	4.48E-03	1.46E-02	2.61E-03	2.49E-04	5.38E-05	1.37E-02	2.41E-03	1.71E-04	3.68E-05	1.38E-02	2.42E-03	8.14E-01	2.08E-01	1.74E+00	3.18E-01
3029 Gridded	1.40E-02	2.58E-03	1.78E-05	3.57E-06	6.82E-03	1.36E-03	1.48E-02	2.83E-03	1.47E-02	2.79E-03	1.40E-02	2.57E-03	1.73E-02	3.61E-03	1.73E-02	3.61E-03	2.59E-02	4.78E-03	1.48E-02	2.83E-03	2.47E-04	4.96E-05	1.40E-02	2.58E-03	1.69E-04	3.39E-05	1.40E-02	2.59E-03	8.69E-01	2.15E-01	1.89E+00	4.09E-01
3030 Gridded	1.50E-02	3.06E-03	2.25E-05	3.72E-06	7.78E-03	1.52E-03	1.63E-02	3.26E-03	1.61E-02	3.23E-03	1.49E-02	3.05E-03	2.05E-02	3.92E-03	2.05E-02	3.92E-03	2.77E-02	5.67E-03	1.63E-02	3.26E-03	3.12E-04	5.16E-05	1.50E-02	3.05E-03	2.13E-04	3.53E-05	1.50E-02	3.06E-03	9.93E-01	2.78E-01	2.06E+00	4.44E-01
3031 Gridded	1.74E-02	3.02E-03	2.77E-05	5.19E-06	9.02E-03	1.46E-03	1.87E-02	3.18E-03	1.85E-02	3.16E-03	1.73E-02	3.01E-03	2.44E-02	3.89E-03	2.44E-02	3.89E-03	3.22E-02	5.60E-03	1.87E-02	3.18E-03	3.84E-04	7.20E-05	1.74E-02	3.02E-03	2.63E-04	4.92E-05	1.74E-02	3.02E-03	1.29E+00	3.47E-01	1.92E+00	4.41E-01
3032 Gridded	2.14E-02	3.88E-03	2.96E-05	5.93E-06	1.13E-02	2.08E-03	2.34E-02	4.28E-03	2.32E-02	4.23E-03	2.13E-02	3.86E-03	2.99E-02	5.58E-03	2.99E-02	5.58E-03	3.97E-02	7.18E-03	2.34E-02	4.28E-03	4.11E-04	8.23E-05	2.14E-02	3.87E-03	2.81E-04	5.63E-05	2.15E-02	3.89E-03	1.47E+00	3.87E-01	1.94E+00	4.21E-01
3033 Gridded	2.38E-02	4.84E-03	2.83E-05	5.85E-06	1.22E-02	2.49E-03	2.57E-02	5.23E-03	2.55E-02	5.18E-03	2.37E-02	4.82E-03	3.19E-02	6.51E-03	3.19E-02	6.51E-03	4.41E-02	8.96E-03	2.57E-02	5.23E-03	3.93E-04	8.11E-05	2.38E-02	4.83E-03	2.69E-04	5.55E-05	2.38E-02	4.84E-03	1.51E+00	3.83E-01	2.05E+00	3.86E-01
3034 Gridded	6.24E-03	2.05E-03	8.67E-06	2.74E-06	3.29E-03	1.07E-03	6.82E-03	2.24E-03	6.74E-03	2.21E-03	6.21E-03	2.04E-03	8.72E-03	2.84E-03	8.72E-03	2.84E-03	1.16E-02	3.80E-03	6.82E-03	2.24E-03	1.20E-04	3.80E-05	6.23E-03	2.05E-03	8.23E-05	2.60E-05	6.25E-03	2.05E-03	7.09E-01	1.98E-01	2.20E+00	1.95E-01
3035 Gridded	6.49E-03	2.00E-03	8.31E-06	2.72E-06	3.31E-03	1.05E-03	6.99E-03	2.19E-03	6.92E-03	2.16E-03	6.46E-03	1.99E-03	8.63E-03	2.78E-03	8.63E-03	2.78E-03	1.20E-02	3.71E-03	6.99E-03	2.19E-03	1.15E-04	3.77E-05	6.47E-03	2.00E-03	7.89E-05	2.58E-05	6.49E-03	2.00E-03	7.22E-01	2.02E-01	2.40E+00	2.04E-01
3036 Gridded	7.15E-03	1.92E-03	9.23E-06	2.54E-06	3.66E-03	9.84E-04	7.72E-03	2.07E-03	7.64E-03	2.05E-03	7.12E-03	1.91E-03	9.57E-03	2.60E-03	9.57E-03	2.60E-03	1.32E-02	3.56E-03	7.72E-03	2.07E-03	1.28E-04	3.53E-05	7.14E-03	1.92E-03	8.76E-05	2.41E-05	7.15E-03	1.92E-03	7.74E-01	2.05E-01	2.60E+00	2.26E-01
3037 Gridded	7.27E-03	2.26E-03	9.93E-06	2.63E-06	3.80E-03	1.16E-03	7.90E-03	2.44E-03	7.81E-03	2.42E-03	7.24E-03	2.25E-03	1.01E-02	3.02E-03	1.01E-02	3.02E-03	1.35E-02	4.19E-03	7.90E-03	2.44E-03	1.38E-04	3.65E-05	7.26E-03	2.26E-03	9.42E-05	2.50E-05	7.28E-03	2.27E-03	8.81E-01	1.98E-01	2.68E+00	2.44E-01
3038 Gridded	8.32E-03	2.47E-03	1.10E-05	2.82E-06	4.26E-03	1.26E-03	8.87E-03	2.66E-03	8.77E-03	2.63E-03	8.30E-03	2.46E-03	1.13E-02	3.27E-03	1.13E-02	3.27E-03	1.54E-02	4.57E-03	8.87E-03	2.66E-03	1.53E-04	3.91E-05	8.31E-03	2.46E-03	1.05E-04	2.68E-05	8.32E-03	2.47E-03	9.16E-01	2.13E-01	2.79E+00	2.58E-01
3039 Gridded	8.72E-03	2.44E-03	1.18E-05	3.03E-06	4.28E-03	1.26E-03	9.00E-03	2.64E-03	8.96E-03	2.61E-03	8.71E-03	2.43E-03	1.14E-02	3.31E-03	1.14E-02	3.31E-03	1.62E-02	4.51E-03	9.00E-03	2.64E-03	1.64E-04	4.21E-05	8.72E-03	2.43E-03	1.12E-04	2.88E-05	8.73E-03	2.44E-03	8.92E-01	2.47E-01	3.13E+00	2.63E-01
3040 Gridded	7.66E-03	2.57E-03	1.07E-05	3.02E-06	4.04E-03	1.31E-03	8.38E-03	2.77E-03	8.28E-03	2.74E-03	7.62E-03	2.55E-03	1.07E-02	3.43E-03	1.07E-02	3.43E-03	1.42E-02	4.75E-03	8.38E-03	2.77E-03	1.49E-04	4.19E-05	7.64E-03	2.56E-03	1.02E-04	2.87E-05	7.67E-03	2.57E-03	8.13E-01	2.61E-01	3.22E+00	2.52E-01
3041 Gridded	9.09E-03	2.48E-03	1.36E-05	2.58E-06	4.86E-03	1.25E-03	1.00E-02	2.66E-03	9.88E-03	2.63E-03	9.04E-03	2.47E-03	1.30E-02	3.22E-03	1.30E-02	3.22E-03	1.68E-02	4.60E-03	1.00E-02	2.66E-03	1.88E-04	3.58E-05	9.07E-03	2.48E-03	1.29E-04	2.45E-05	9.10E-03	2.49E-03	8.00E-01	2.62E-01	2.84E+00	2.33E-01
3042 Gridded	1.17E-02	2.07E-03	1.49E-05	3.07E-06	6.06E-03	1.06E-03	1.27E-02	2.19E-03	1.26E-02	2.17E-03	1.16E-02	2.06E-03	1.59E-02	2.84E-03	1.59E-02	2.84E-03	2.16E-02	3.84E-03	1.27E-02	2.19E-03	2.06E-04	4.26E-05	1.17E-02	2.07E-03	1.41E-04	2.91E-05	1.17E-02	2.07E-03	9.29E-01	2.34E-01	2.05E+00	2.84E-01
3043 Gridded	1.39E-02	1.94E-03	1.89E-05	2.96E-06	7.28E-03	1.04E-03	1.51E-02	2.14E-03	1.50E-02	2.11E-03	1.38E-02	1.93E-03	1.93E-02	2.79E-03	1.93E-02	2.79E-03	2.57E-02	3.59E-03	1.51E-02	2.14E-03	2.62E-04	4.11E-05	1.38E-02	1.94E-03	1.79E-04	2.81E-05	1.39E-02	1.94E-03	1.07E+00	2.39E-01	1.49E+00	3.18E-01
3044 Gridded	1.36E-02	1.59E-03	2.20E-05	2.52E-06	7.38E-03	8.58E-04	1.51E-02	1.76E-03	1.49E-02	1.73E-03	1.35E-02	1.58E-03	1.99E-02	2.31E-03	1.99E-02	2.31E-03	2.51E-02	2.94E-03	1.51E-02	1.76E-03	3.06E-04	3.50E-05	1.36E-02	1.58E-03	2.09E-04	2.39E-05	1.36E-02	1.59E-03	9.57E-01	2.57E-01	1.98E+00	3.62E-01
3045 Gridded	1.48E-02	1.16E-03	2.26E-05	1.94E-06	7.96E-03	6.32E-04	1.64E-02	1.29E-03	1.62E-02	1.27E-03	1.48E-02	1.15E-03	2.13E-02	1.71E-03	2.13E-02	1.71E-03	2.75E-02	2.14E-03	1.64E-02	1.29E-03	3.14E-04	2.68E-05	1.48E-02	1.15E-03	2.15E-04	1.84E-05	1.49E-02	1.16E-03	1.08E+00	2.44E-01	2.20E+00	4.33E-01
3046 Gridded	1.35E-02	9.17E-04	1.95E-05	1.71E-06	7.14E-03	5.14E-04	1.48E-02	1.03E-03	1.46E-02	1.02E-03	1.34E-02	9.11E-04	1.90E-02	1.41E-03	1.90E-02	1.41E-03	2.49E-02	1.70E-03	1.48E-02	1.03E-03	2.71E-04	2.37E-05	1.34E-02	9.15E-04	1.85E-04	1.62E-05	1.35E-02	9.19E-04	1.47E+00	1.88E-01	1.57E+00	3.90E-01
3047 Gridded	1.06E-02	9.99E-04	1.30E-05	2.29E-06	5.38E-03	5.60E-04	1.14E-02	1.10E-03	1.13E-02	1.09E-03	1.05E-02	9.94E-04	1.40E-02	1.59E-03	1.40E-02	1.59E-03	1.96E-02	1.85E-03	1.14E-02	1.10E-03	1.80E-04	3.18E-05	1.06E-02	9.97E-04	1.23E-04	2.18E-05	1.06E-02	1.00E-03	1.44E+00	1.92E-01	2.02E+00	2.54E-01
3048 Gridded	1.43E-02	1.30E-03	1.52E-05	2.98E-06	7.19E-03	7.67E-04	1.53E-02	1.50E-03	1.51E-02	1.47E-03	1.42E-02	1.29E-03	1.86E-02	2.15E-03	1.86E-02	2.15E-03	2.64E-02	2.40E-03	1.53E-02	1.50E-03	2.11E-04	4.13E-05	1.42E-02	1.29E-03	1.45E-04	2.83E-05	1.43E-02	1.30E-03	1.56E+00	2.01E-01	2.00E+00	2.18E-01
3049 Gridded	1.95E-02	1.65E-03	1.40E-05	2.96E-06	9.16E-03	9.14E-04	2.02E-02	1.84E-03	2.01E-02	1.82E-03	1.94E-02	1.63E-03	2.28E-02	2.49E-03	2.28E-02	2.49E-03	3.61E-02	3.04E-03	2.02E-02	1.84E-03	1.94E-04	4.10E-05	1.94E-02	1.64E-03	1.33E-04	2.81E-05	1.95E-02	1.65E-03	1.83E+00	2.32E-01	1.83E+00	1.77E-01
3050 Gridded	1.66E-02	1.74E-03	1.09E-05	2.03E-06	7.63E-03	8.90E-04	1.69E-02	1.88E-03	1.69E-02	1.86E-03	1.66E-02	1.73E-03	1.91E-02	2.32E-03	1.91E-02	2.32E-03	3.08E-02	3.23E-03	1.69E-02	1.88E-03	1.51E-04	2.81E-05	1.66E-02	1.74E-03	1.04E-04	1.93E-05	1.66E-02	1.74E-03	3.03E+00	2.24E-01	6.82E+00	3.23E-01
3051 Gridded	1.35E-02	1.43E-03	1.36E-05	1.92E-06	6.23E-03	6.86E-04	1.39E-02	1.50E-03	1.39E-02	1.49E-03	1.35E-02	1.43E-03	1.53E-02	1.74E-03	1.53E-02	1.74E-03	2.51E-02	2.66E-03	1.39E-02	1.50E-03	1.89E-04	2.67E-05	1.35E-02	1.43E-03	1.29E-04	1.82E-05	1.35E-02	1.43E-03	2.27E+00	1.99E-01	4.75E+00	2.36E-01
3052 Gridded	1.23E-02	1.28E-03	1.65E-05	2.67E-06	6.46E-03	6.75E-04	1.35E-02	1.40E-03	1.33E-02	1.38E-03	1.23E-02	1.27E-03	1.71E-02	1.80E-03	1.71E-02	1.80E-03	2.29E-02	2.36E-03	1.35E-02	1.40E-03	2.29E-04	3.70E-05	1.23E-02	1.27E-03	1.57E-04	2.53E-05	1.24E-02	1.28E-03	1.53E+00	1.48E-01	2.43E+00	1.51E-01
3053 Gridded	1.80E-02	1.37E-03	1.82E-05	2.76E-06	9.02E-03	7.81E-04	1.93E-02	1.55E-03	1.91E-02	1.53E-03	1.80E-02	1.36E-03	2.33E-02	2.16E-03	2.33E-02	2.16E-03	3.34E-02	2.53E-03	1.93E-02	1.55E-03	2.52E-04	3.82E-05	1.80E-02	1.36E-03	1.72E-04	2.62E-05	1.81E-02	1.37E-03	1.43E+00	1.96E-01	4.30E+00	2.25E-01
3054 Gridded	2.12E-02	1.68E-03	1.75E-05	2.27E-06	1.03E-02	8.71E-04	2.23E-02	1.82E-03	2.22E-02	1.80E-03	2.11E-02	1.67E-03	2.60E-02	2.29E-03	2.60E-02	2.29E-03	3.93E-02	3.11E-03	2.23E-02	1.82E-03	2.43E-04	3.15E-05	2.12E-02	1.68E-03	1.66E-04	2.16E-05	2.12E-02	1.68E-03	2.52E+00	2.42E-01	6.40E+00	4.07E-01
3055 Gridded	2.12E-02	1.56E-03	1.64E-05	3.07E-06	1.01E-02	7.72E-04	2.22E-02	1.66E-03	2.20E-02	1.65E-03	2.12E-02	1.56E-03	2.52E-02	1.98E-03	2.52E-02	1.98E-03	3.93E-02	2.90E-03	2.22E-02	1.66E-03	2.27E-04	4.25E-05	2.12E-02	1.56E-03	1.55E-04	2.91E-05	2.12E-02	1.56E-03	2.53E+00	2.36E-01	4.93E+00	3.49E-01
3056 Gridded	1.88E-02	1.63E-03	1.35E-05	3.86E-06	8.94E-03	8.57E-04	1.96E-02	1.78E-03	1.95E-02	1.76E-03	1.88E-02	1.62E-03	2.25E-02	2.27E-03	2.25E-02	2.27E-03	3.49E-02	3.02E-03	1.96E-02	1.78E-03	1.87E-04	5.35E-05	1.88E-02	1.63E-03	1.28E-04	3.66E-05	1.88E-02	1.63E-03	1.66E+00	2.06E-01	3.09E+00	3.55E-01
3057 Gridded	1.65E-02	1.93E-03	1.67E-05	3.92E-06	7.78E-03	9.46E-04	1.72E-02	2.04E-03	1.71E-02	2.03E-03	1.65E-02	1.92E-03	1.94E-02	2.68E-03	1.94E-02	2.68E-03	3.06E-02	3.57E-03	1.72E-02	2.04E-03	2.32E-04	5.44E-05	1.65E-02	1.92E-03	1.59E-04	3.72E-05	1.65E-02	1.93E-03	1.22E+00	2.14E-01	2.34E+00	3.51E-01
3058 Gridded	1.31E-02	2.26E-03	1.85E-05	3.94E-06	6.38E-03	1.20E-03	1.37E-02	2.48E-03	1.36E-02	2.45E-03	1.31E-02	2.25E-03	1.64E-02	3.19E-03	1.64E-02	3.19E-03	2.43E-02	4.19E-03	1.37E-02	2.48E-03	2.57E-04	5.46E-05	1.31E-02	2.26E-03	1.76E-04	3.74E-05	1.31E-02	2.27E-03	9.26E-01	2.33E-01	2.52E+00	4.51E-01
3059 Gridded	1.38E-02	2.60E-03	1.72E-05	3.64E-06	6.70E-03	1.32E-03	1.46E-02	2.78E-03	1.45E-02	2.75E-03	1.38E-02	2.59E-03	1.70E-02	3.52E-03	1.70E-02	3.52E-03	2.56E-02	4.81E-03	1.46E-02	2.78E-03	2.38E-04	5.05E-05	1.38E-02	2.59E-03	1.63E-04	3.46E-05	1.38E-02	2.60E-03	9.37E-01	2.55E-01	2.35E+00	5.45E-01
3060 Gridded	1.44E-02	3.13E-03	2.18E-05	3.29E-06	7.48E-03	1.54E-03	1.57E-02	3.32E-03	1.55E-02	3.30E-03	1.43E-02	3.12E-03	1.97E-02	3.95E-03	1.97E-02	3.95E-03	2.67E-02	5.80E-03	1.57E-02	3.32E-03	3.02E-04	4.56E-05	1.44E-02	3.13E-03	2.07E-04	3.12E-05	1.44E-02	3.13E-03	9.48E-01	3.48E-01	1.83E+00	5.21E-01
3061 Gridded	1.73E-02	3.09E-03	2.79E-05	5.27E-06	8.74E-03	1.48E-03	1.86E-02	3.24E-03	1.84E-02	3.22E-03	1.72E-02	3.08E-03	2.37E-02	4.07E-03	2.37E-02	4.07E-03	3.20E-02	5.73E-03	1.86E-02	3.24E-03	3.87E-04	7.31E-05	1.73E-02	3.09E-03	2.65E-04	5.00E-05	1.73E-02	3.09E-03	1.26E+00	4.19E-01	1.86E+00	4.55E-01
3062 Gridded	2.15E-02	4.69E-03	3.10E-05	6.27E-06	1.14E-02	2.45E-03	2.36E-02	5.12E-03	2.33E-02	5.06E-03	2.14E-02	4.67E-03	3.04E-02	6.49E-03	3.04E-02	6.49E-03	3.99E-02	8.69E-03	2.36E-02	5.12E-03	4.30E-04	8.70E-05	2.15E-02	4.68E-03	2.94E-04	5.95E-05	2.16E-02	4.70E-03	1.48E+00	4.48E-01	2.07E+00	3.78E-01
3063 Gridded	2.54E-02	6.12E-03	3.10E-05	6.24E-06	1.31E-02	3.06E-03	2.75E-02	6.54E-03	2.72E-02	6.48E-03	2.53E-02	6.10E-03	3.43E-02	7.91E-03	3.43E-02	7.91E-03	4.70E-02	1.13E-02	2.75E-02	6.54E-03	4.29E-04	8.66E-05	2.54E-02	6.11E-03	2.94E-04	5.92E-05	2.54E-02	6.12E-03	1.55E+00	4.25E-01	2.17E+00	3.85E-01
3064 Gridded	2.62E-02	6.27E-03	3.04E-05	5.30E-06	1.32E-02	3.06E-03	2.81E-02	6.63E-03	2.78E-02	6.58E-03	2.61E-02	6.25E-03	3.42E-02	7.79E-03	3.42E-02	7.79E-03	4.86E-02	1.16E-02	2.81E-02	6.63E-03	4.22E-04	7.34E-05	2.62E-02	6.26E-03	2.88E-04	5.03E-05	2.63E-02	6.28E-03	1.49E+00	3.57E-01	2.27E+00	3.48E-01
3065 Gridded	7.39E-03	2.08E-03	1.02E-05	2.83E-06	3.89E-03	1.09E-03	8.08E-03	2.27E-03	7.99E-03	2.24E-03	7.35E-03	2.07E-03	1.03E-02	2.87E-03	1.03E-02	2.87E-03	1.37E-02	3.85E-03	8.08E-03	2.27E-03	1.42E-04	3.92E-05	7.38E-03	2.07E-03	9.69E-05	2.68E-05	7.40E-03	2.08E-03	7.08E-01	1.91E-01	1.63E+00	1.87E-01
3066 Gridded	7.34E-03	2.19E-03	1.06E-05	2.99E-06	3.89E-03	1.15E-03	8.06E-03	2.39E-03	7.96E-03	2.36E-03	7.30E-03	2.18E-03	1.04E-02	3.05E-03	1.04E-02	3.05E-03	1.36E-02	4.05E-03	8.06E-03	2.39E-03	1.47E-04	4.15E-05	7.33E-03	2.18E-03	1.00E-04	2.84E-05	7.35E-03	2.19E-03	7.16E-01	2.11E-01	1.91E+00	1.99E-01
3067 Gridded	6.84E-03	2.22E-03	9.99E-06	3.05E-06	3.64E-03	1.17E-03	7.51E-03	2.43E-03	7.42E-03	2.40E-03	6.80E-03	2.21E-03	9.70E-03	3.09E-03	9.70E-03	3.09E-03	1.27E-02	4.11E-03	7.51E-03	2.43E-03	1.39E-04	4.23E-05	6.82E-03	2.22E-03	9.48E-05	2.89E-05	6.84E-03	2.22E-03	7.89E-01	2.26E-01	2.24E+00	2.09E-01
3068 Gridded	6.91E-03	2.13E-03	8.74E-06	2.90E-06	3.53E-03	1.12E-03	7.45E-03	2.32E-03	7.37E-03	2.30E-03	6.88E-03	2.12E-03	9.22E-03	2.96E-03	9.22E-03	2.96E-03	1.28E-02	3.94E-03	7.45E-03	2.32E-03	1.21E-04	4.02E-05	6.89E-03	2.12E-03	8.30E-05	2.75E-05	6.91E-03	2.13E-03	8.29E-01	2.30E-01	2.55E+00	2.12E-01
3069 Gridded	7.42E-03	2.10E-03	9.54E-06	2.61E-06	3.80E-03	1.07E-03	8.01E-03	2.26E-03	7.93E-03	2.24E-03	7.38E-03	2.09E-03	9.95E-03	2.79E-03	9.95E-03	2.79E-03	1.37E-02	3.89E-03	8.01E-03	2.26E-03	1.32E-04	3.62E-05	7.40E-03	2.10E-03	9.05E-05	2.48E-05	7.42E-03	2.10E-03	8.09E-01	2.29E-01	2.76E+00	2.28E-01
3070 Gridded	7.96E-03	2.39E-03	1.10E-05	2.76E-06	4.13E-03	1.22E-03	8.56E-03	2.57E-03	8.46E-03	2.55E-03	7.95E-03	2.38E-03	1.10E-02	3.18E-03	1.10E-02	3.18E-03	1.48E-02	4.42E-03	8.56E-03	2.57E-03	1.53E-04	3.82E-05	7.96E-03	2.38E-03	1.04E-04	2.61E-05	7.97E-03	2.39E-03	9.20E-01	2.23E-01	2.93E+00	2.61E-01
3071 Gridded	9.03E-03	2.46E-03	1.18E-05	2.75E-06	4.39E-03	1.25E-03	9.26E-03	2.64E-03	9.23E-03	2.62E-03	9.02E-03	2.45E-03	1.16E-02	3.25E-03	1.16E-02	3.25E-03	1.68E-02	4.55E-03	9.26E-03	2.64E-03	1.63E-04	3.82E-05	9.02E-03	2.45E-03	1.12E-04	2.61E-05	9.03E-03	2.46E-03	9.66E-01	2.44E-01	2.88E+00	2.89E-01
3072 Gridded	8.85E-03	2.65E-03	1.11E-05	2.88E-06	4.45E-03	1.34E-03	9.48E-03	2.85E-03	9.39E-03	2.82E-03	8.82E-03	2.64E-03	1.15E-02	3.48E-03	1.15E-02	3.48E-03	1.64E-02	4.92E-03	9.48E-03	2.85E-03	1.54E-04	3.99E-05	8.84E-03	2.65E-03	1.05E-04	2.73E-05	8.86E-03	2.66E-03	9.03E-01	2.82E-01	3.30E+00	3.02E-01
3073 Gridded	8.59E-03	2.41E-03	1.16E-05	2.55E-06	4.28E-03	1.21E-03	9.16E-03	2.59E-03	9.08E-03	2.56E-03	8.55E-03	2.40E-03	1.10E-02	3.14E-03	1.10E-02	3.14E-03	1.59E-02	4.47E-03	9.16E-03	2.59E-03	1.60E-04	3.53E-05	8.57E-03	2.41E-03	1.10E-04	2.42E-05	8.59E-03	2.42E-03	8.23E-01	2.89E-01	3.33E+00	2.84E-01
3074 Gridded	9.29E-03	1.72E-03	1.56E-05	2.74E-06	4.69E-03	8.62E-04	9.97E-03	1.84E-03	9.87E-03	1.82E-03	9.25E-03	1.72E-03	1.22E-02	2.22E-03	1.22E-02	2.22E-03	1.72E-02	3.19E-03	9.97E-03	1.84E-03	2.17E-04	3.81E-05	9.27E-03	1.72E-03	1.48E-04	2.60E-05	9.30E-03	1.72E-03	9.06E-01	2.71E-01	2.70E+00	3.11E-01
3075 Gridded	1.01E-02	1.34E-03	1.98E-05	3.01E-06	5.59E-03	7.88E-04	1.11E-02	1.55E-03	1.09E-02	1.52E-03	1.00E-02	1.33E-03	1.55E-02	2.21E-03	1.55E-02	2.21E-03	1.87E-02	2.48E-03	1.11E-02	1.55E-03	2.75E-04	4.18E-05	1.01E-02	1.34E-03	1.88E-04	2.86E-05	1.01E-02	1.34E-03	1.11E+00	2.59E-01	1.93E+00	3.95E-01
3076 Gridded	1.21E-02	1.26E-03	2.22E-05	2.60E-06	6.74E-03	7.23E-04	1.36E-02	1.43E-03	1.34E-02	1.41E-03	1.20E-02	1.25E-03	1.84E-02	2.00E-03	1.84E-02	2.00E-03	2.23E-02	2.33E-03	1.36E-02	1.43E-03	3.07E-04	3.60E-05	1.20E-02	1.25E-03	2.10E-04	2.46E-05	1.21E-02	1.26E-03	9.83E-01	3.13E-01	2.26E+00	3.93E-01
3077 Gridded	1.31E-02	9.50E-04	1.98E-05	1.74E-06	7.00E-03	5.23E-04	1.44E-02	1.06E-03	1.42E-02	1.04E-03	1.30E-02	9.44E-04	1.87E-02	1.43E-03	1.87E-02	1.43E-03	2.42E-02	1.76E-03	1.44E-02	1.06E-03	2.75E-04	2.42E-05	1.30E-02	9.47E-04	1.88E-04	1.65E-05	1.31E-02	9.51E-04	1.04E+00	2.81E-01	2.17E+00	3.71E-01
3078 Gridded	1.08E-02	1.09E-03	1.24E-05	1.75E-06	5.53E-03	5.73E-04	1.17E-02	1.19E-03	1.16E-02	1.18E-03	1.08E-02	1.08E-03	1.44E-02	1.52E-03	1.44E-02	1.52E-03	2.01E-02	2.02E-03	1.17E-02	1.19E-03	1.73E-04	2.42E-05	1.08E-02	1.09E-03	1.18E-04	1.66E-05	1.09E-02	1.09E-03	1.27E+00	1.79E-01	9.15E-01	2.78E-01
3079 Gridded	9.95E-03	1.17E-03	1.12E-05	2.52E-06	5.00E-03	6.80E-04	1.06E-02	1.34E-03	1.06E-02	1.32E-03	9.91E-03	1.16E-03	1.29E-02	1.89E-03	1.29E-02	1.89E-03	1.84E-02	2.17E-03	1.06E-02	1.34E-03	1.55E-04	3.49E-05	9.93E-03	1.17E-03	1.06E-04	2.39E-05	9.95E-03	1.17E-03	1.43E+00	2.06E-01	9.12E-01	1.20E-01
3080 Gridded	1.40E-02	1.63E-03	1.11E-05	2.60E-06	6.45E-03	8.83E-04	1.45E-02	1.81E-03	1.44E-02	1.78E-03	1.40E-02	1.62E-03	1.58E-02	2.38E-03	1.58E-02	2.38E-03	2.60E-02	3.02E-03	1.45E-02	1.81E-03	1.53E-04	3.61E-05	1.40E-02	1.63E-03	1.05E-04	2.47E-05	1.40E-02	1.63E-03	1.15E+00	2.16E-01	9.40E-01	1.14E-01
3081 Gridded	1.41E-02	1.82E-03	1.12E-05	1.71E-06	6.59E-03	8.93E-04	1.46E-02	1.93E-03	1.46E-02	1.91E-03	1.41E-02	1.81E-03	1.63E-02	2.28E-03	1.63E-02	2.28E-03	2.62E-02	3.36E-03	1.46E-02	1.93E-03	1.55E-04	2.38E-05	1.41E-02	1.81E-03	1.06E-04	1.63E-05	1.41E-02	1.82E-03	2.12E+00	2.28E-01	3.64E+00	1.67E-01
3082 Gridded	1.17E-02	1.43E-03	1.29E-05	1.73E-06	5.24E-03	6.61E-04	1.19E-02	1.48E-03	1.19E-02	1.47E-03	1.17E-02	1.43E-03	1.26E-02	1.73E-03	1.26E-02	1.73E-03	2.17E-02	2.65E-03	1.19E-02	1.48E-03	1.79E-04	2.40E-05	1.17E-02	1.43E-03	1.22E-04	1.64E-05	1.17E-02	1.43E-03	1.32E+00	1.98E-01	2.33E+00	1.13E-01
3083 Gridded	1.10E-02	1.35E-03	1.38E-05	2.70E-06	5.68E-03	6.79E-04	1.19E-02	1.44E-03	1.18E-02	1.43E-03	1.09E-02	1.34E-03	1.49E-02	1.76E-03	1.49E-02	1.76E-03	2.03E-02	2.49E-03	1.19E-02	1.44E-03	1.91E-04	3.74E-05	1.10E-02	1.34E-03	1.31E-04	2.56E-05	1.10E-02	1.35E-03	1.10E+00	1.66E-01	2.34E+00	1.03E-01
3084 Gridded	1.70E-02	1.65E-03	1.58E-05	2.56E-06	8.32E-03	8.89E-04	1.80E-02	1.83E-03	1.78E-02	1.80E-03	1.69E-02	1.64E-03	2.12E-02	2.39E-03	2.12E-02	2.39E-03	3.14E-02	3.06E-03	1.80E-02	1.83E-03	2.19E-04	3.55E-05	1.69E-02	1.65E-03	1.50E-04	2.43E-05	1.70E-02	1.66E-03	1.63E+00	2.19E-01	2.98E+00	1.96E-01
3085 Gridded	1.95E-02	1.88E-03	1.43E-05	2.77E-06	9.29E-03	9.30E-04	2.04E-02	2.00E-03	2.03E-02	1.98E-03	1.95E-02	1.88E-03	2.32E-02	2.38E-03	2.32E-02	2.38E-03	3.62E-02	3.49E-03	2.04E-02	2.00E-03	1.98E-04	3.84E-05	1.95E-02	1.88E-03	1.36E-04	2.63E-05	1.95E-02	1.88E-03	2.86E+00	2.62E-01	4.84E+00	3.12E-01
3086 Gridded	1.84E-02	1.61E-03	1.53E-05	3.68E-06	8.58E-03	8.64E-04	1.90E-02	1.78E-03	1.89E-02	1.76E-03	1.83E-02	1.61E-03	2.12E-02	2.31E-03	2.12E-02	2.31E-03	3.41E-02	2.99E-03	1.90E-02	1.78E-03	2.12E-04	5.11E-05	1.84E-02	1.61E-03	1.45E-04	3.49E-05	1.84E-02	1.62E-03	2.15E+00	2.52E-01	3.42E+00	4.13E-01
3087 Gridded	1.62E-02	1.88E-03	1.55E-05	4.12E-06	7.62E-03	9.21E-04	1.68E-02	1.99E-03	1.67E-02	1.97E-03	1.61E-02	1.87E-03	1.90E-02	2.57E-03	1.90E-02	2.57E-03	3.00E-02	3.48E-03	1.68E-02	1.99E-03	2.15E-04	5.71E-05	1.61E-02	1.87E-03	1.47E-04	3.91E-05	1.62E-02	1.88E-03	1.51E+00	2.44E-01	2.56E+00	3.71E-01
3088 Gridded	1.35E-02	1.72E-03	1.90E-05	3.88E-06	6.31E-03	1.01E-03	1.40E-02	1.98E-03	1.40E-02	1.94E-03	1.35E-02	1.70E-03	1.56E-02	2.83E-03	1.56E-02	2.83E-03	2.51E-02	3.17E-03	1.40E-02	1.98E-03	2.64E-04	5.38E-05	1.35E-02	1.71E-03	1.80E-04	3.68E-05	1.36E-02	1.72E-03	1.07E+00	2.41E-01	1.69E+00	5.69E-01
3089 Gridded	1.23E-02	2.15E-03	1.72E-05	3.10E-06	5.93E-03	1.09E-03	1.29E-02	2.31E-03	1.28E-02	2.29E-03	1.23E-02	2.14E-03	1.50E-02	2.85E-03	1.50E-02	2.85E-03	2.28E-02	3.98E-03	1.29E-02	2.31E-03	2.38E-04	4.29E-05	1.23E-02	2.14E-03	1.63E-04	2.94E-05	1.23E-02	2.15E-03	9.08E-01	3.63E-01	2.74E+00	7.16E-01
3090 Gridded	1.34E-02	2.68E-03	1.92E-05	2.60E-06	6.73E-03	1.32E-03	1.43E-02	2.84E-03	1.42E-02	2.82E-03	1.33E-02	2.67E-03	1.76E-02	3.36E-03	1.76E-02	3.36E-03	2.48E-02	4.97E-03	1.43E-02	2.84E-03	2.67E-04	3.60E-05	1.34E-02	2.68E-03	1.83E-04	2.47E-05	1.34E-02	2.68E-03	9.16E-01	4.39E-01	2.14E+00	6.01E-01
3091 Gridded	1.66E-02	2.78E-03	2.70E-05	4.10E-06	8.35E-03	1.32E-03	1.78E-02	2.90E-03	1.76E-02	2.88E-03	1.65E-02	2.77E-03	2.17E-02	3.35E-03	2.17E-02	3.35E-03	3.07E-02	5.15E-03	1.78E-02	2.90E-03	3.74E-04	5.69E-05	1.65E-02	2.77E-03	2.56E-04	3.90E-05	1.66E-02	2.78E-03	1.09E+00	4.47E-01	1.85E+00	4.28E-01
3092 Gridded	2.04E-02	4.81E-03	3.04E-05	5.20E-06	1.09E-02	2.43E-03	2.25E-02	5.16E-03	2.22E-02	5.11E-03	2.03E-02	4.79E-03	2.92E-02	6.30E-03	2.92E-02	6.30E-03	3.78E-02	8.91E-03	2.25E-02	5.16E-03	4.22E-04	7.21E-05	2.04E-02	4.80E-03	2.89E-04	4.93E-05	2.05E-02	4.81E-03	1.39E+00	4.44E-01	2.20E+00	3.24E-01
3093 Gridded	2.47E-02	6.68E-03	2.99E-05	5.16E-06	1.27E-02	3.23E-03	2.67E-02	7.03E-03	2.64E-02	6.98E-03	2.45E-02	6.66E-03	3.32E-02	8.16E-03	3.32E-02	8.16E-03	4.57E-02	1.24E-02	2.67E-02	7.03E-03	4.15E-04	7.15E-05	2.46E-02	6.67E-03	2.84E-04	4.89E-05	2.47E-02	6.68E-03	1.48E+00	4.01E-01	2.40E+00	3.24E-01
3094 Gridded	2.58E-02	6.96E-03	3.20E-05	4.37E-06	1.30E-02	3.29E-03	2.77E-02	7.26E-03	2.74E-02	7.21E-03	2.57E-02	6.95E-03	3.37E-02	8.21E-03	3.37E-02	8.21E-03	4.78E-02	1.29E-02	2.77E-02	7.26E-03	4.44E-04	6.05E-05	2.58E-02	6.96E-03	3.04E-04	4.14E-05	2.58E-02	6.96E-03	1.49E+00	3.26E-01	2.82E+00	3.54E-01
3095 Gridded	2.47E-02	6.00E-03	3.33E-05	3.25E-06	1.22E-02	2.80E-03	2.63E-02	6.22E-03	2.61E-02	6.19E-03	2.47E-02	5.99E-03	3.14E-02	6.93E-03	3.14E-02	6.93E-03	4.58E-02	1.11E-02	2.63E-02	6.22E-03	4.62E-04	4.51E-05	2.47E-02	6.00E-03	3.16E-04	3.08E-05	2.48E-02	6.01E-03	1.44E+00	2.79E-01	2.95E+00	3.60E-01
3096 Gridded	7.81E-03	1.99E-03	1.03E-05	2.54E-06	4.07E-03	1.03E-03	8.51E-03	2.16E-03	8.41E-03	2.13E-03	7.77E-03	1.98E-03	1.08E-02	2.72E-03	1.08E-02	2.72E-03	1.45E-02	3.68E-03	8.51E-03	2.16E-03	1.42E-04	3.53E-05	7.80E-03	1.98E-03	9.74E-05	2.41E-05	7.82E-03	1.99E-03	6.83E-01	1.95E-01	1.64E+00	1.90E-01
3097 Gridded	7.73E-03	2.10E-03	1.05E-05	2.79E-06	4.06E-03	1.10E-03	8.44E-03	2.29E-03	8.34E-03	2.26E-03	7.69E-03	2.09E-03	1.08E-02	2.90E-03	1.08E-02	2.90E-03	1.43E-02	3.89E-03	8.44E-03	2.29E-03	1.46E-04	3.86E-05	7.72E-03	2.10E-03	1.00E-04	2.64E-05	7.74E-03	2.11E-03	6.90E-01	2.04E-01	1.66E+00	1.94E-01
3098 Gridded	8.14E-03	2.20E-03	1.14E-05	2.93E-06	4.29E-03	1.15E-03	8.91E-03	2.40E-03	8.80E-03	2.37E-03	8.10E-03	2.19E-03	1.14E-02	3.04E-03	1.14E-02	3.04E-03	1.51E-02	4.07E-03	8.91E-03	2.40E-03	1.58E-04	4.07E-05	8.12E-03	2.20E-03	1.08E-04	2.78E-05	8.15E-03	2.20E-03	7.51E-01	2.08E-01	1.66E+00	1.94E-01
3099 Gridded	8.00E-03	2.28E-03	1.18E-05	3.11E-06	4.26E-03	1.20E-03	8.79E-03	2.49E-03	8.68E-03	2.46E-03	7.95E-03	2.27E-03	1.14E-02	3.17E-03	1.14E-02	3.17E-03	1.48E-02	4.22E-03	8.79E-03	2.49E-03	1.63E-04	4.31E-05	7.98E-03	2.28E-03	1.12E-04	2.95E-05	8.01E-03	2.28E-03	7.70E-01	2.24E-01	1.63E+00	2.02E-01
3100 Gridded	7.18E-03	2.23E-03	1.11E-05	3.16E-06	3.86E-03	1.18E-03	7.93E-03	2.44E-03	7.83E-03	2.41E-03	7.14E-03	2.22E-03	1.04E-02	3.14E-03	1.04E-02	3.14E-03	1.33E-02	4.13E-03	7.93E-03	2.44E-03	1.54E-04	4.39E-05	7.17E-03	2.23E-03	1.05E-04	3.00E-05	7.19E-03	2.23E-03	8.00E-01	2.44E-01	1.97E+00	2.12E-01
3101 Gridded	6.89E-03	2.05E-03	8.89E-06	2.97E-06	3.52E-03	1.09E-03	7.43E-03	2.25E-03	7.36E-03	2.22E-03	6.86E-03	2.04E-03	9.19E-03	2.90E-03	9.19E-03	2.90E-03	1.28E-02	3.80E-03	7.43E-03	2.25E-03	1.23E-04	4.12E-05	6.88E-03	2.05E-03	8.43E-05	2.82E-05	6.90E-03	2.05E-03	8.68E-01	2.53E-01	2.36E+00	2.23E-01
3102 Gridded	7.03E-03	2.10E-03	9.65E-06	2.52E-06	3.69E-03	1.07E-03	7.68E-03	2.26E-03	7.59E-03	2.24E-03	6.99E-03	2.09E-03	9.79E-03	2.79E-03	9.79E-03	2.79E-03	1.30E-02	3.89E-03	7.68E-03	2.26E-03	1.34E-04	3.50E-05	7.01E-03	2.10E-03	9.16E-05	2.39E-05	7.04E-03	2.10E-03	8.73E-01	2.64E-01	2.72E+00	2.40E-01
3103 Gridded	7.71E-03	2.16E-03	1.12E-05	2.64E-06	4.09E-03	1.11E-03	8.46E-03	2.34E-03	8.36E-03	2.31E-03	7.67E-03	2.15E-03	1.09E-02	2.92E-03	1.09E-02	2.92E-03	1.43E-02	4.00E-03	8.46E-03	2.34E-03	1.55E-04	3.66E-05	7.69E-03	2.16E-03	1.06E-04	2.50E-05	7.72E-03	2.16E-03	9.13E-01	2.61E-01	3.04E+00	2.73E-01
3104 Gridded	7.97E-03	2.10E-03	1.13E-05	2.71E-06	4.04E-03	1.09E-03	8.57E-03	2.28E-03	8.48E-03	2.25E-03	7.94E-03	2.09E-03	1.05E-02	2.87E-03	1.05E-02	2.87E-03	1.48E-02	3.88E-03	8.57E-03	2.28E-03	1.57E-04	3.75E-05	7.96E-03	2.09E-03	1.07E-04	2.57E-05	7.98E-03	2.10E-03	9.44E-01	2.69E-01	3.04E+00	3.09E-01
3105 Gridded	7.42E-03	1.91E-03	1.05E-05	2.38E-06	3.80E-03	9.86E-04	8.01E-03	2.07E-03	7.93E-03	2.05E-03	7.39E-03	1.90E-03	9.94E-03	2.59E-03	9.94E-03	2.59E-03	1.37E-02	3.53E-03	8.01E-03	2.07E-03	1.46E-04	3.31E-05	7.41E-03	1.90E-03	9.97E-05	2.26E-05	7.42E-03	1.91E-03	8.44E-01	3.11E-01	3.22E+00	3.22E-01
3106 Gridded	8.22E-03	1.55E-03	1.45E-05	2.89E-06	4.11E-03	7.66E-04	8.78E-03	1.65E-03	8.70E-03	1.64E-03	8.19E-03	1.55E-03	1.06E-02	1.96E-03	1.06E-02	1.96E-03	1.52E-02	2.88E-03	8.78E-03	1.65E-03	2.01E-04	4.01E-05	8.21E-03	1.55E-03	1.37E-04	2.74E-05	8.22E-03	1.56E-03	1.12E+00	3.14E-01	3.00E+00	2.89E-01
3107 Gridded	8.13E-03	1.27E-03	1.70E-05	3.08E-06	4.69E-03	7.62E-04	9.28E-03	1.48E-03	9.11E-03	1.45E-03	8.06E-03	1.26E-03	1.30E-02	2.15E-03	1.30E-02	2.15E-03	1.50E-02	2.34E-03	9.28E-03	1.48E-03	2.36E-04	4.28E-05	8.10E-03	1.27E-03	1.62E-04	2.93E-05	8.14E-03	1.27E-03	1.30E+00	2.87E-01	1.87E+00	3.49E-01
3108 Gridded	1.03E-02	1.21E-03	1.54E-05	2.21E-06	5.51E-03	6.75E-04	1.14E-02	1.36E-03	1.12E-02	1.34E-03	1.03E-02	1.20E-03	1.47E-02	1.84E-03	1.47E-02	1.84E-03	1.91E-02	2.24E-03	1.14E-02	1.36E-03	2.13E-04	3.06E-05	1.03E-02	1.21E-03	1.46E-04	2.09E-05	1.03E-02	1.21E-03	9.40E-01	3.55E-01	1.87E+00	2.96E-01
3109 Gridded	9.68E-03	1.08E-03	1.04E-05	1.40E-06	4.77E-03	5.60E-04	1.03E-02	1.17E-03	1.02E-02	1.16E-03	9.65E-03	1.07E-03	1.22E-02	1.48E-03	1.22E-02	1.48E-03	1.79E-02	1.99E-03	1.03E-02	1.17E-03	1.44E-04	1.94E-05	9.67E-03	1.07E-03	9.88E-05	1.33E-05	9.69E-03	1.08E-03	9.47E-01	2.66E-01	1.03E+00	1.53E-01
3110 Gridded	8.46E-03	1.09E-03	1.00E-05	1.84E-06	4.21E-03	5.40E-04	9.03E-03	1.16E-03	8.95E-03	1.15E-03	8.43E-03	1.08E-03	1.08E-02	1.42E-03	1.08E-02	1.42E-03	1.57E-02	2.02E-03	9.03E-03	1.16E-03	1.39E-04	2.55E-05	8.45E-03	1.09E-03	9.53E-05	1.74E-05	8.47E-03	1.09E-03	9.81E-01	1.73E-01	9.76E-01	1.26E-01
3111 Gridded	8.53E-03	1.39E-03	9.44E-06	2.01E-06	4.20E-03	7.38E-04	9.05E-03	1.53E-03	8.97E-03	1.51E-03	8.50E-03	1.38E-03	1.07E-02	1.97E-03	1.07E-02	1.97E-03	1.58E-02	2.58E-03	9.05E-03	1.53E-03	1.31E-04	2.78E-05	8.52E-03	1.39E-03	8.95E-05	1.90E-05	8.54E-03	1.39E-03	9.19E-01	1.65E-01	1.10E+00	6.61E-02
3112 Gridded	9.56E-03	1.66E-03	1.14E-05	1.44E-06	4.32E-03	7.89E-04	9.77E-03	1.73E-03	9.74E-03	1.72E-03	9.55E-03	1.66E-03	1.04E-02	1.97E-03	1.04E-02	1.97E-03	1.77E-02	3.08E-03	9.77E-03	1.73E-03	1.59E-04	1.99E-05	9.55E-03	1.66E-03	1.08E-04	1.36E-05	9.56E-03	1.66E-03	1.00E+00	1.93E-01	1.33E+00	7.51E-02
3113 Gridded	8.75E-03	1.27E-03	1.15E-05	1.63E-06	4.27E-03	6.07E-04	9.25E-03	1.33E-03	9.18E-03	1.32E-03	8.72E-03	1.27E-03	1.09E-02	1.55E-03	1.09E-02	1.55E-03	1.62E-02	2.35E-03	9.25E-03	1.33E-03	1.60E-04	2.26E-05	8.74E-03	1.27E-03	1.09E-04	1.55E-05	8.75E-03	1.27E-03	1.09E+00	1.61E-01	1.32E+00	9.05E-02

Scenario 4 Results

3114 Gridded	9.14E-03	1.26E-03	1.58E-05	2.30E-06	4.14E-03	6.16E-04	9.35E-03	1.31E-03	9.32E-03	1.31E-03	9.13E-03	1.25E-03	1.08E-02	1.64E-03	1.08E-02	1.64E-03	1.70E-02	2.33E-03	9.35E-03	1.31E-03	2.20E-04	3.19E-05	9.13E-03	1.26E-03	1.50E-04	2.19E-05	9.14E-03	1.26E-03	1.06E+00	1.77E-01	1.38E+00	1.07E-01
3115 Gridded	1.33E-02	1.75E-03	1.69E-05	2.66E-06	6.30E-03	8.73E-04	1.39E-02	1.87E-03	1.38E-02	1.85E-03	1.32E-02	1.74E-03	1.65E-02	2.25E-03	1.65E-02	2.25E-03	2.46E-02	3.24E-03	1.39E-02	1.87E-03	2.34E-04	3.69E-05	1.32E-02	1.75E-03	1.60E-04	2.53E-05	1.33E-02	1.75E-03	1.83E+00	1.93E-01	1.93E+00	1.61E-01
3116 Gridded	1.76E-02	1.77E-03	1.54E-05	3.24E-06	8.05E-03	8.69E-04	1.81E-02	1.84E-03	1.80E-02	1.83E-03	1.75E-02	1.76E-03	1.97E-02	2.34E-03	1.97E-02	2.34E-03	3.26E-02	3.28E-03	1.81E-02	1.84E-03	2.13E-04	4.50E-05	1.76E-02	1.76E-03	1.46E-04	3.08E-05	1.76E-02	1.77E-03	2.00E+00	2.76E-01	2.47E+00	3.10E-01
3117 Gridded	1.41E-02	2.12E-03	1.51E-05	3.79E-06	6.64E-03	1.03E-03	1.47E-02	2.23E-03	1.46E-02	2.22E-03	1.40E-02	2.11E-03	1.66E-02	2.60E-03	1.66E-02	2.60E-03	2.61E-02	3.93E-03	1.47E-02	2.23E-03	2.10E-04	5.26E-05	1.41E-02	2.12E-03	1.44E-04	3.60E-05	1.41E-02	2.12E-03	1.59E+00	2.89E-01	1.87E+00	3.00E-01
3118 Gridded	1.70E-02	1.76E-03	1.94E-05	3.80E-06	7.53E-03	9.96E-04	1.72E-02	1.98E-03	1.72E-02	1.94E-03	1.70E-02	1.75E-03	1.80E-02	2.76E-03	1.80E-02	2.76E-03	3.15E-02	3.26E-03	1.72E-02	1.98E-03	2.69E-04	5.27E-05	1.70E-02	1.75E-03	1.84E-04	3.60E-05	1.70E-02	1.76E-03	1.12E+00	2.63E-01	1.33E+00	4.83E-01
3119 Gridded	1.48E-02	2.41E-03	1.97E-05	3.23E-06	7.13E-03	1.26E-03	1.54E-02	2.63E-03	1.53E-02	2.60E-03	1.48E-02	2.40E-03	1.82E-02	3.33E-03	1.82E-02	3.33E-03	2.75E-02	4.46E-03	1.54E-02	2.63E-03	2.74E-04	4.48E-05	1.48E-02	2.40E-03	1.87E-04	3.06E-05	1.48E-02	2.41E-03	8.84E-01	4.54E-01	1.48E+00	6.68E-01
3120 Gridded	1.50E-02	2.51E-03	1.76E-05	2.49E-06	6.88E-03	1.25E-03	1.54E-02	2.68E-03	1.54E-02	2.66E-03	1.50E-02	2.50E-03	1.68E-02	3.23E-03	1.68E-02	3.23E-03	2.79E-02	4.66E-03	1.54E-02	2.68E-03	2.45E-04	3.46E-05	1.50E-02	2.51E-03	1.67E-04	2.37E-05	1.50E-02	2.52E-03	9.70E-01	4.69E-01	1.57E+00	5.17E-01
3121 Gridded	1.40E-02	2.29E-03	2.27E-05	3.09E-06	7.03E-03	1.12E-03	1.49E-02	2.43E-03	1.48E-02	2.41E-03	1.39E-02	2.28E-03	1.83E-02	2.90E-03	1.83E-02	2.90E-03	2.59E-02	4.24E-03	1.49E-02	2.43E-03	3.16E-04	4.29E-05	1.40E-02	2.29E-03	2.16E-04	2.93E-05	1.40E-02	2.29E-03	9.80E-01	4.14E-01	2.17E+00	3.28E-01
3122 Gridded	1.74E-02	4.09E-03	2.71E-05	3.26E-06	8.96E-03	1.99E-03	1.83E-02	4.31E-03	1.80E-02	4.28E-03	1.74E-02	4.08E-03	2.42E-02	5.03E-03	2.42E-02	5.03E-03	3.24E-02	7.59E-03	1.83E-02	4.31E-03	3.75E-04	4.53E-05	1.74E-02	4.09E-03	2.57E-04	3.10E-05	1.75E-02	4.10E-03	1.42E+00	3.50E-01	2.52E+00	2.95E-01
3123 Gridded	2.22E-02	5.91E-03	2.74E-05	3.12E-06	1.14E-02	2.75E-03	2.40E-02	6.12E-03	2.38E-02	6.09E-03	2.21E-02	5.89E-03	3.00E-02	6.80E-03	3.00E-02	6.80E-03	4.11E-02	1.10E-02	2.40E-02	6.12E-03	3.80E-04	4.32E-05	2.22E-02	5.90E-03	2.60E-04	2.96E-05	2.22E-02	5.91E-03	1.64E+00	3.01E-01	3.00E+00	3.06E-01
3124 Gridded	2.37E-02	6.15E-03	3.04E-05	2.84E-06	1.19E-02	2.81E-03	2.53E-02	6.32E-03	2.51E-02	6.30E-03	2.36E-02	6.14E-03	3.06E-02	6.87E-03	3.06E-02	6.87E-03	4.39E-02	1.14E-02	2.53E-02	6.32E-03	4.22E-04	3.93E-05	2.37E-02	6.15E-03	2.89E-04	2.69E-05	2.37E-02	6.15E-03	1.60E+00	2.60E-01	3.19E+00	3.26E-01
3125 Gridded	2.22E-02	5.11E-03	3.11E-05	2.66E-06	1.09E-02	2.32E-03	2.35E-02	5.23E-03	2.33E-02	5.21E-03	2.21E-02	5.10E-03	2.79E-02	5.62E-03	2.79E-02	5.62E-03	4.11E-02	9.48E-03	2.35E-02	5.23E-03	4.32E-04	3.68E-05	2.21E-02	5.11E-03	2.95E-04	2.52E-05	2.22E-02	5.11E-03	1.65E+00	2.46E-01	3.06E+00	3.55E-01
3126 Gridded	1.94E-02	3.78E-03	2.97E-05	2.62E-06	9.69E-03	1.70E-03	2.04E-02	3.86E-03	2.03E-02	3.85E-03	1.93E-02	3.77E-03	2.59E-02	4.12E-03	2.59E-02	4.12E-03	3.59E-02	7.01E-03	2.04E-02	3.86E-03	4.12E-04	3.63E-05	1.93E-02	3.77E-03	2.82E-04	2.48E-05	1.94E-02	3.78E-03	1.58E+00	2.29E-01	2.80E+00	3.65E-01
3127 Gridded	6.65E-03	1.74E-03	8.85E-06	2.39E-06	3.37E-03	9.13E-04	7.13E-03	1.90E-03	7.07E-03	1.88E-03	6.62E-03	1.73E-03	8.91E-03	2.42E-03	8.91E-03	2.42E-03	1.23E-02	3.22E-03	7.13E-03	1.90E-03	1.23E-04	3.31E-05	6.64E-03	1.73E-03	8.40E-05	2.26E-05	6.66E-03	1.74E-03	7.11E-01	1.79E-01	1.06E+00	2.02E-01
3128 Gridded	7.34E-03	1.68E-03	8.54E-06	2.38E-06	3.75E-03	8.89E-04	7.91E-03	1.84E-03	7.83E-03	1.82E-03	7.31E-03	1.68E-03	9.78E-03	2.36E-03	9.78E-03	2.36E-03	1.36E-02	3.12E-03	7.91E-03	1.84E-03	1.18E-04	3.29E-05	7.33E-03	1.68E-03	8.10E-05	2.25E-05	7.35E-03	1.69E-03	7.11E-01	1.95E-01	1.07E+00	2.14E-01
3129 Gridded	7.51E-03	1.85E-03	9.14E-06	2.30E-06	3.86E-03	9.44E-04	8.12E-03	1.99E-03	8.04E-03	1.97E-03	7.47E-03	1.84E-03	1.01E-02	2.47E-03	1.01E-02	2.47E-03	1.39E-02	3.42E-03	8.12E-03	1.99E-03	1.27E-04	3.19E-05	7.49E-03	1.84E-03	8.68E-05	2.18E-05	7.51E-03	1.85E-03	7.01E-01	2.09E-01	1.24E+00	2.22E-01
3130 Gridded	7.89E-03	1.97E-03	1.08E-05	2.56E-06	4.15E-03	1.02E-03	8.62E-03	2.13E-03	8.52E-03	2.11E-03	7.85E-03	1.96E-03	1.10E-02	2.69E-03	1.10E-02	2.69E-03	1.46E-02	3.64E-03	8.62E-03	2.13E-03	1.50E-04	3.55E-05	7.88E-03	1.96E-03	1.03E-04	2.43E-05	7.90E-03	1.97E-03	7.32E-01	2.20E-01	1.38E+00	2.24E-01
3131 Gridded	8.25E-03	2.10E-03	1.19E-05	2.88E-06	4.38E-03	1.10E-03	9.05E-03	2.29E-03	8.94E-03	2.26E-03	8.20E-03	2.09E-03	1.17E-02	2.92E-03	1.17E-02	2.92E-03	1.53E-02	3.88E-03	9.05E-03	2.29E-03	1.65E-04	4.00E-05	8.23E-03	2.09E-03	1.13E-04	2.74E-05	8.26E-03	2.10E-03	7.27E-01	2.27E-01	1.43E+00	2.26E-01
3132 Gridded	8.08E-03	2.15E-03	1.22E-05	3.09E-06	4.32E-03	1.14E-03	8.90E-03	2.36E-03	8.78E-03	2.33E-03	8.03E-03	2.14E-03	1.16E-02	3.03E-03	1.16E-02	3.03E-03	1.49E-02	3.98E-03	8.90E-03	2.36E-03	1.69E-04	4.28E-05	8.06E-03	2.15E-03	1.16E-04	2.93E-05	8.09E-03	2.15E-03	7.56E-01	2.31E-01	1.39E+00	2.25E-01
3133 Gridded	6.89E-03	2.04E-03	1.14E-05	3.10E-06	3.75E-03	1.09E-03	7.66E-03	2.25E-03	7.55E-03	2.22E-03	6.85E-03	2.03E-03	1.01E-02	2.92E-03	1.01E-02	2.92E-03	1.27E-02	3.77E-03	7.66E-03	2.25E-03	1.57E-04	4.29E-05	6.87E-03	2.03E-03	1.08E-04	2.94E-05	6.90E-03	2.04E-03	7.83E-01	2.44E-01	1.35E+00	2.18E-01
3134 Gridded	7.26E-03	1.74E-03	9.51E-06	2.82E-06	3.78E-03	9.45E-04	7.90E-03	1.93E-03	7.81E-03	1.90E-03	7.23E-03	1.73E-03	9.99E-03	2.55E-03	9.99E-03	2.55E-03	1.34E-02	3.22E-03	7.90E-03	1.93E-03	1.32E-04	3.91E-05	7.25E-03	1.74E-03	9.02E-05	2.68E-05	7.27E-03	1.74E-03	8.24E-01	2.76E-01	1.78E+00	2.18E-01
3135 Gridded	7.28E-03	1.74E-03	9.58E-06	2.33E-06	3.79E-03	9.12E-04	7.92E-03	1.90E-03	7.83E-03	1.88E-03	7.25E-03	1.74E-03	9.99E-03	2.41E-03	9.99E-03	2.41E-03	1.35E-02	3.23E-03	7.92E-03	1.90E-03	1.33E-04	3.23E-05	7.27E-03	1.74E-03	9.09E-05	2.21E-05	7.29E-03	1.75E-03	8.51E-01	2.98E-01	2.28E+00	2.37E-01
3136 Gridded	8.00E-03	1.84E-03	9.43E-06	2.10E-06	4.05E-03	9.35E-04	8.60E-03	1.98E-03	8.51E-03	1.96E-03	7.96E-03	1.83E-03	1.05E-02	2.43E-03	1.05E-02	2.43E-03	1.48E-02	3.41E-03	8.60E-03	1.98E-03	1.31E-04	2.91E-05	7.98E-03	1.84E-03	8.95E-05	1.99E-05	8.00E-03	1.84E-03	8.11E-01	2.99E-01	2.69E+00	2.47E-01
3137 Gridded	8.10E-03	2.07E-03	9.00E-06	1.94E-06	4.06E-03	1.02E-03	8.67E-03	2.20E-03	8.59E-03	2.18E-03	8.07E-03	2.06E-03	1.05E-02	2.62E-03	1.05E-02	2.62E-03	1.50E-02	3.83E-03	8.67E-03	2.20E-03	1.25E-04	2.68E-05	8.09E-03	2.06E-03	8.54E-05	1.84E-05	8.11E-03	2.07E-03	8.70E-01	2.93E-01	2.73E+00	2.76E-01
3138 Gridded	9.95E-03	1.86E-03	1.51E-05	2.78E-06	4.86E-03	8.88E-04	1.05E-02	1.95E-03	1.04E-02	1.94E-03	9.92E-03	1.86E-03	1.24E-02	2.23E-03	1.24E-02	2.23E-03	1.84E-02	3.45E-03	1.05E-02	1.95E-03	2.09E-04	3.86E-05	9.94E-03	1.86E-03	1.43E-04	2.64E-05	9.95E-03	1.86E-03	9.25E-01	3.16E-01	2.41E+00	2.61E-01
3139 Gridded	9.16E-03	1.32E-03	1.12E-05	2.60E-06	4.31E-03	7.49E-04	9.52E-03	1.49E-03	9.47E-03	1.47E-03	9.14E-03	1.31E-03	1.07E-02	2.06E-03	1.07E-02	2.06E-03	1.70E-02	2.44E-03	9.52E-03	1.49E-03	1.55E-04	3.61E-05	9.15E-03	1.31E-03	1.06E-04	2.47E-05	9.16E-03	1.32E-03	9.29E-01	3.00E-01	1.88E+00	1.95E-01
3140 Gridded	6.81E-03	1.08E-03	8.12E-06	9.93E-07	3.22E-03	5.33E-04	7.10E-03	1.15E-03	7.06E-03	1.14E-03	6.79E-03	1.08E-03	8.03E-03	1.36E-03	8.03E-03	1.36E-03	1.26E-02	2.00E-03	7.10E-03	1.15E-03	1.13E-04	1.38E-05	6.80E-03	1.08E-03	7.71E-05	9.42E-06	6.81E-03	1.08E-03	9.32E-01	2.93E-01	1.02E+00	1.20E-01
3141 Gridded	7.30E-03	8.96E-04	7.27E-06	1.07E-06	3.57E-03	4.41E-04	7.72E-03	9.51E-04	7.66E-03	9.43E-04	7.28E-03	8.93E-04	9.07E-03	1.13E-03	9.07E-03	1.13E-03	1.35E-02	1.66E-03	7.72E-03	9.51E-04	1.01E-04	1.48E-05	7.30E-03	8.95E-04	6.90E-05	1.01E-05	7.31E-03	8.96E-04	8.97E-01	1.81E-01	1.10E+00	6.49E-02
3142 Gridded	7.06E-03	8.97E-04	9.00E-06	1.34E-06	3.37E-03	4.79E-04	7.39E-03	9.87E-04	7.34E-03	9.74E-04	7.04E-03	8.92E-04	8.45E-03	1.28E-03	8.45E-03	1.28E-03	1.31E-02	1.66E-03	7.39E-03	9.87E-04	1.25E-04	1.86E-05	7.05E-03	8.95E-04	8.54E-05	1.27E-05	7.06E-03	8.98E-04	8.23E-01	1.12E-01	1.27E+00	7.36E-02
3143 Gridded	6.37E-03	1.19E-03	9.49E-06	1.17E-06	3.13E-03	5.58E-04	6.63E-03	1.23E-03	6.57E-03	1.23E-03	6.37E-03	1.18E-03	8.14E-03	1.39E-03	8.14E-03	1.39E-03	1.18E-02	2.20E-03	6.63E-03	1.23E-03	1.32E-04	1.62E-05	6.37E-03	1.18E-03	9.00E-05	1.11E-05	6.37E-03	1.19E-03	7.82E-01	1.36E-01	1.44E+00	8.34E-02
3144 Gridded	7.75E-03	1.05E-03	1.08E-05	1.27E-06	3.61E-03	4.78E-04	8.03E-03	1.08E-03	7.99E-03	1.08E-03	7.74E-03	1.05E-03	8.92E-03	1.16E-03	8.92E-03	1.16E-03	1.44E-02	1.95E-03	8.03E-03	1.08E-03	1.50E-04	1.77E-05	7.75E-03	1.05E-03	1.03E-04	1.21E-05	7.76E-03	1.05E-03	9.87E-01	1.12E-01	1.57E+00	9.60E-02
3145 Gridded	9.73E-03	1.10E-03	1.49E-05	1.72E-06	4.97E-03	5.80E-04	1.05E-02	1.20E-03	1.04E-02	1.19E-03	9.69E-03	1.09E-03	1.30E-02	1.54E-03	1.30E-02	1.54E-03	1.80E-02	2.03E-03	1.05E-02	1.20E-03	2.07E-04	2.38E-05	9.72E-03	1.10E-03	1.42E-04	1.63E-05	9.74E-03	1.10E-03	1.13E+00	1.49E-01	1.63E+00	1.07E-01
3146 Gridded	1.96E-02	1.39E-03	1.70E-05	2.52E-06	8.94E-03	6.96E-04	2.01E-02	1.48E-03	2.01E-02	1.47E-03	1.96E-02	1.38E-03	2.18E-02	1.91E-03	2.18E-02	1.91E-03	3.64E-02	2.57E-03	2.01E-02	1.48E-03	2.36E-04	3.49E-05	1.96E-02	1.39E-03	1.62E-04	2.39E-05	1.96E-02	1.39E-03	1.21E+00	2.36E-01	1.63E+00	1.49E-01
3147 Gridded	1.92E-02	2.33E-03	1.86E-05	3.03E-06	8.38E-03	1.10E-03	1.94E-02	2.43E-03	1.93E-02	2.41E-03	1.92E-02	2.32E-03	1.98E-02	2.74E-03	1.98E-02	2.74E-03	3.57E-02	4.32E-03	1.94E-02	2.43E-03	2.58E-04	4.20E-05	1.92E-02	2.33E-03	1.76E-04	2.87E-05	1.92E-02	2.33E-03	1.13E+00	3.05E-01	1.58E+00	2.00E-01
3148 Gridded	1.99E-02	2.12E-03	2.09E-05	3.88E-06	8.60E-03	9.96E-04	2.00E-02	2.15E-03	1.99E-02	2.15E-03	1.99E-02	2.11E-03	2.02E-02	2.67E-03	2.02E-02	2.67E-03	3.69E-02	3.93E-03	2.00E-02	2.15E-03	2.90E-04	5.38E-05	1.99E-02	2.12E-03	1.99E-04	3.68E-05	1.99E-02	2.12E-03	1.09E+00	3.46E-01	1.51E+00	1.93E-01
3149 Gridded	1.84E-02	3.29E-03	2.37E-05	3.33E-06	8.49E-03	1.64E-03	1.90E-02	3.51E-03	1.89E-02	3.48E-03	1.84E-02	3.27E-03	2.08E-02	4.24E-03	2.08E-02	4.24E-03	3.41E-02	6.09E-03	1.90E-02	3.51E-03	3.28E-04	4.62E-05	1.84E-02	3.28E-03	2.25E-04	3.16E-05	1.84E-02	3.29E-03	1.04E+00	4.71E-01	1.43E+00	2.15E-01
3150 Gridded	1.94E-02	3.34E-03	1.92E-05	2.49E-06	8.54E-03	1.61E-03	1.96E-02	3.51E-03	1.96E-02	3.49E-03	1.94E-02	3.33E-03	2.03E-02	4.06E-03	2.03E-02	4.06E-03	3.59E-02	6.20E-03	1.96E-02	3.51E-03	2.66E-04	3.46E-05	1.94E-02	3.34E-03	1.82E-04	2.37E-05	1.94E-02	3.34E-03	9.70E-01	4.10E-01	1.89E+00	2.53E-01
3151 Gridded	1.79E-02	2.94E-03	1.86E-05	2.16E-06	8.42E-03	1.41E-03	1.86E-02	3.09E-03	1.85E-02	3.07E-03	1.78E-02	2.93E-03	2.09E-02	3.56E-03	2.09E-02	3.56E-03	3.32E-02	5.45E-03	1.86E-02	3.09E-03	2.58E-04	3.00E-05	1.79E-02	2.94E-03	1.76E-04	2.05E-05	1.79E-02	2.94E-03	1.22E+00	3.11E-01	2.33E+00	2.71E-01
3152 Gridded	1.53E-02	4.00E-03	2.05E-05	2.27E-06	6.93E-03	1.84E-03	1.56E-02	4.12E-03	1.56E-02	4.11E-03	1.52E-02	3.99E-03	1.71E-02	4.52E-03	1.71E-02	4.52E-03	2.83E-02	7.42E-03	1.56E-02	4.12E-03	2.85E-04	3.14E-05	1.53E-02	4.00E-03	1.95E-04	2.15E-05	1.53E-02	4.00E-03	1.51E+00	2.53E-01	2.84E+00	2.92E-01
3153 Gridded	1.55E-02	4.24E-03	2.36E-05	2.57E-06	8.01E-03	1.91E-03	1.68E-02	4.33E-03	1.66E-02	4.32E-03	1.54E-02	4.24E-03	2.10E-02	4.62E-03	2.10E-02	4.62E-03	2.87E-02	7.87E-03	1.68E-02	4.33E-03	3.27E-04	3.57E-05	1.55E-02	4.24E-03	2.24E-04	2.44E-05	1.55E-02	4.24E-03	1.64E+00	2.50E-01	3.05E+00	3.56E-01
3154 Gridded	1.81E-02	3.95E-03	2.64E-05	2.65E-06	9.01E-03	1.76E-03	1.93E-02	4.01E-03	1.91E-02	4.01E-03	1.80E-02	3.95E-03	2.32E-02	4.22E-03	2.32E-02	4.22E-03	3.35E-02	7.33E-03	1.93E-02	4.01E-03	3.66E-04	3.67E-05	1.81E-02	3.95E-03	2.50E-04	2.51E-05	1.81E-02	3.95E-03	1.84E+00	2.49E-01	3.02E+00	4.14E-01
3155 Gridded	1.77E-02	3.10E-03	2.57E-05	2.48E-06	9.32E-03	1.44E-03	1.94E-02	3.14E-03	1.91E-02	3.13E-03	1.76E-02	3.09E-03	2.47E-02	3.64E-03	2.47E-02	3.64E-03	3.28E-02	5.75E-03	1.94E-02	3.14E-03	3.56E-04	3.45E-05	1.77E-02	3.09E-03	2.44E-04	2.36E-05	1.77E-02	3.10E-03	1.83E+00	2.53E-01	2.65E+00	4.36E-01
3156 Gridded	1.94E-02	2.99E-03	2.39E-05	2.45E-06	1.00E-02	1.46E-03	2.10E-02	3.16E-03	2.08E-02	3.13E-03	1.93E-02	2.98E-03	2.63E-02	3.69E-03	2.63E-02	3.69E-03	3.59E-02	5.55E-03	2.10E-02	3.16E-03	3.32E-04	3.39E-05	1.94E-02	2.99E-03	2.27E-04	2.32E-05	1.94E-02	2.99E-03	1.70E+00	2.59E-01	2.49E+00	4.12E-01
3157 Gridded	2.01E-02	2.88E-03	2.29E-05	2.41E-06	1.02E-02	1.41E-03	2.17E-02	3.05E-03	2.15E-02	3.02E-03	2.01E-02	2.87E-03	2.67E-02	3.57E-03	2.67E-02	3.57E-03	3.73E-02	5.34E-03	2.17E-02	3.05E-03	3.17E-04	3.35E-05	2.01E-02	2.88E-03	2.17E-04	2.29E-05	2.02E-02	2.88E-03	1.49E+00	2.61E-01	2.39E+00	3.79E-01
3158 Gridded	7.23E-03	1.81E-03	1.08E-05	2.29E-06	3.86E-03	9.36E-04	7.95E-03	1.96E-03	7.85E-03	1.94E-03	7.19E-03	1.80E-03	1.03E-02	2.46E-03	1.03E-02	2.46E-03	1.34E-02	3.34E-03	7.95E-03	1.96E-03	1.50E-04	3.18E-05	7.21E-03	1.80E-03	1.02E-04	2.18E-05	7.23E-03	1.81E-03	7.11E-01	1.79E-01	1.16E+00	1.99E-01
3159 Gridded	6.98E-03	1.83E-03	1.08E-05	2.40E-06	3.75E-03	9.53E-04	7.71E-03	1.99E-03	7.61E-03	1.97E-03	6.94E-03	1.82E-03	1.01E-02	2.52E-03	1.01E-02	2.52E-03	1.29E-02	3.38E-03	7.71E-03	1.99E-03	1.49E-04	3.34E-05	6.97E-03	1.82E-03	1.02E-04	2.28E-05	6.99E-03	1.83E-03	7.45E-01	1.87E-01	1.19E+00	2.04E-01
3160 Gridded	6.63E-03	1.79E-03	1.05E-05	2.38E-06	3.48E-03	9.35E-04	7.17E-03	1.95E-03	7.09E-03	1.93E-03	6.60E-03	1.78E-03	9.40E-03	2.47E-03	9.40E-03	2.47E-03	1.23E-02	3.31E-03	7.17E-03	1.95E-03	1.45E-04	3.30E-05	6.62E-03	1.79E-03	9.93E-05	2.26E-05	6.63E-03	1.79E-03	7.50E-01	1.88E-01	1.19E+00	2.01E-01
3161 Gridded	6.51E-03	1.70E-03	9.73E-06	2.28E-06	3.38E-03	8.89E-04	7.07E-03	1.85E-03	6.99E-03	1.83E-03	6.47E-03	1.69E-03	8.92E-03	2.35E-03	8.92E-03	2.35E-03	1.20E-02	3.14E-03	7.07E-03	1.85E-03	1.35E-04	3.17E-05	6.49E-03	1.69E-03	9.23E-05	2.17E-05	6.51E-03	1.70E-03	7.54E-01	1.91E-01	1.13E+00	2.03E-01
3162 Gridded	6.43E-03	1.55E-03	9.26E-06	2.12E-06	3.31E-03	8.15E-04	6.96E-03	1.70E-03	6.89E-03	1.68E-03	6.41E-03	1.54E-03	8.73E-03	2.16E-03	8.73E-03	2.16E-03	1.19E-02	2.87E-03	6.96E-03	1.70E-03	1.28E-04	2.94E-05	6.42E-03	1.55E-03	8.79E-05	2.01E-05	6.44E-03	1.55E-03	7.34E-01	2.06E-01	1.04E+00	2.12E-01
3163 Gridded	7.24E-03	1.69E-03	9.54E-06	2.23E-06	3.78E-03	8.83E-04	7.88E-03	1.84E-03	7.79E-03	1.82E-03	7.20E-03	1.69E-03	9.97E-03	2.33E-03	9.97E-03	2.33E-03	1.34E-02	3.13E-03	7.88E-03	1.84E-03	1.32E-04	3.10E-05	7.22E-03	1.69E-03	9.06E-05	2.12E-05	7.24E-03	1.70E-03	7.29E-01	2.22E-01	9.30E-01	2.21E-01
3164 Gridded	7.48E-03	1.78E-03	1.14E-05	2.59E-06	4.01E-03	9.46E-04	8.25E-03	1.96E-03	8.15E-03	1.93E-03	7.44E-03	1.77E-03	1.08E-02	2.52E-03	1.08E-02	2.52E-03	1.38E-02	3.30E-03	8.25E-03	1.96E-03	1.59E-04	3.59E-05	7.47E-03	1.78E-03	1.08E-04	2.46E-05	7.49E-03	1.78E-03	7.19E-01	2.41E-01	8.36E-01	2.31E-01
3165 Gridded	7.21E-03	1.78E-03	1.23E-05	2.86E-06	3.96E-03	9.63E-04	8.04E-03	1.97E-03	7.92E-03	1.94E-03	7.16E-03	1.77E-03	1.07E-02	2.59E-03	1.07E-02	2.59E-03	1.33E-02	3.29E-03	8.04E-03	1.97E-03	1.71E-04	3.96E-05	7.19E-03	1.77E-03	1.17E-04	2.71E-05	7.22E-03	1.78E-03	7.86E-01	2.59E-01	8.84E-01	2.41E-01
3166 Gridded	7.45E-03	1.84E-03	1.05E-05	2.76E-06	3.84E-03	9.85E-04	8.07E-03	2.03E-03	7.98E-03	2.00E-03	7.42E-03	1.83E-03	1.01E-02	2.63E-03	1.01E-02	2.63E-03	1.38E-02	3.41E-03	8.07E-03	2.03E-03	1.45E-04	3.83E-05	7.44E-03	1.84E-03	9.92E-05	2.62E-05	7.46E-03	1.85E-03	7.71E-01	2.71E-01	9.20E-01	2.42E-01
3167 Gridded	8.47E-03	1.77E-03	9.18E-06	2.19E-06	4.28E-03	9.14E-04	9.09E-03	1.92E-03	9.00E-03	1.90E-03	8.44E-03	1.76E-03	1.11E-02	2.40E-03	1.11E-02	2.40E-03	1.57E-02	3.28E-03	9.09E-03	1.92E-03	1.27E-04	3.04E-05	8.46E-03	1.77E-03	8.71E-05	2.08E-05	8.48E-03	1.77E-03	8.29E-01	2.90E-01	9.00E-01	2.22E-01
3168 Gridded	9.57E-03	2.21E-03	8.53E-06	1.94E-06	4.67E-03	1.08E-03	1.01E-02	2.34E-03	1.00E-02	2.32E-03	9.54E-03	2.20E-03	1.19E-02	2.76E-03	1.19E-02	2.76E-03	1.77E-02	4.09E-03	1.01E-02	2.34E-03	1.18E-04	2.69E-05	9.56E-03	2.20E-03	8.09E-05	1.84E-05	9.58E-03	2.21E-03	8.55E-01	3.17E-01	1.20E+00	1.86E-01
3169 Gridded	9.93E-03	2.45E-03	8.74E-06	1.91E-06	4.70E-03	1.18E-03	1.04E-02	2.57E-03	1.03E-02	2.56E-03	9.90E-03	2.44E-03	1.18E-02	2.99E-03	1.18E-02	2.99E-03	1.84E-02	4.53E-03	1.04E-02	2.57E-03	1.21E-04	2.65E-05	9.92E-03	2.44E-03	8.30E-05	1.81E-05	9.93E-03	2.45E-03	8.69E-01	3.08E-01	1.47E+00	1.48E-01
3170 Gridded	1.21E-02	2.27E-03	9.61E-06	1.89E-06	5.87E-03	1.06E-03	1.28E-02	2.36E-03	1.27E-02	2.35E-03	1.21E-02	2.27E-03	1.49E-02	2.63E-03	1.49E-02	2.63E-03	2.25E-02	4.22E-03	1.28E-02	2.36E-03	1.33E-04	2.62E-05	1.21E-02	2.27E-03	9.12E-05	1.79E-05	1.21E-02	2.27E-03	8.68E-01	2.69E-01	1.62E+00	1.57E-01
3171 Gridded	1.07E-02	1.30E-03	8.87E-06	1.61E-06	4.92E-03	6.72E-04	1.10E-02	1.41E-03	1.10E-02	1.40E-03	1.07E-02	1.30E-03	1.21E-02	1.76E-03	1.21E-02	1.76E-03	1.98E-02	2.41E-03	1.10E-02	1.41E-03	1.23E-04	2.24E-05	1.07E-02	1.30E-03	8.41E-05	1.53E-05	1.07E-02	1.30E-03	1.01E+00	2.66E-01	1.09E+00	1.24E-01
3172 Gridded	5.45E-03	8.56E-04	7.18E-06	7.88E-07	2.54E-03	3.94E-04	5.65E-03	8.83E-04	5.62E-03	8.79E-04	5.43E-03	8.55E-04	6.44E-03	9.67E-04	6.44E-03	9.67E-04	1.01E-02	1.59E-03	5.65E-03	8.83E-04	9.95E-05	1.09E-05	5.44E-03	8.56E-04	6.81E-05	7.48E-06	5.45E-03	8.57E-04	8.62E-01	1.93E-01	1.23E+00	7.09E-02
3173 Gridded	4.86E-03	5.65E-04	8.79E-06	1.19E-06	2.40E-03	3.02E-04	5.16E-03	5.98E-04	5.12E-03	5.93E-04	4.84E-03	5.63E-04	6.15E-03	8.49E-04	6.15E-03	8.49E-04	9.00E-03	1.05E-03	5.16E-03	5.98E-04	1.22E-04	1.66E-05	4.85E-03	5.64E-04	8.34E-05	1.13E-05	4.86E-03	5.65E-04	6.80E-01	6.92E-02	1.44E+00	8.14E-02
3174 Gridded	5.79E-03	8.13E-04	8.65E-06	1.05E-06	2.90E-03	3.86E-04	6.19E-03	8.49E-04	6.13E-03	8.44E-04	5.77E-03	8.11E-04	7.48E-03	9.65E-04	7.48E-03	9.65E-04	1.07E-02	1.51E-03	6.19E-03	8.49E-04	1.20E-04	1.46E-05	5.78E-03	8.12E-04	8.20E-05	9.97E-06	5.79E-03	8.13E-04	7.68E-01	7.35E-02	1.66E+00	9.31E-02
3175 Gridded	6.94E-03	7.72E-04	1.13E-05	1.18E-06	3.11E-03	3.62E-04	7.07E-03	8.02E-04	7.05E-03	7.98E-04	6.93E-03	7.71E-04	7.49E-03	8.99E-04	7.49E-03	8.99E-04	1.29E-02	1.43E-03	7.07E-03	8.02E-04	1.56E-04	1.64E-05	6.94E-03	7.72E-04	1.07E-04	1.12E-05	6.94E-03	7.73E-04	8.31E-01	8.21E-02	1.83E+00	1.05E-01
3176 Gridded	1.34E-02	1.11E-03	1.40E-05	2.47E-06	6.23E-03	5.48E-04	1.39E-02	1.18E-03	1.38E-02	1.17E-03	1.34E-02	1.11E-03	1.53E-02	1.40E-03	1.53E-02	1.40E-03	2.49E-02	2.06E-03	1.39E-02	1.18E-03	1.94E-04	3.43E-05	1.34E-02	1.11E-03	1.32E-04	2.35E-05	1.34E-02	1.11E-03	9.23E-01	1.48E-01	1.91E+00	1.13E-01
3177 Gridded	2.57E-02	2.37E-03	2.50E-05	3.44E-06	1.10E-02	1.07E-03	2.57E-02	2.42E-03	2.57E-02	2.41E-03	2.57E-02	2.36E-03	2.58E-02	2.58E-03	2.58E-02	2.58E-03	4.77E-02	4.39E-03	2.57E-02	2.42E-03	3.46E-04	4.77E-05	2.57E-02	2.37E-03	2.37E-04	3.27E-05	2.57E-02	2.37E-03	1.08E+00	2.54E-01	1.89E+00	1.21E-01
3178 Gridded	2.19E-02	2.90E-03	2.48E-05	3.74E-06	9.53E-03	1.26E-03	2.20E-02	2.91E-03	2.20E-02	2.91E-03	2.19E-02	2.90E-03	2.25E-02	2.96E-03	2.25E-02	2.96E-03	4.06E-02	5.38E-03	2.20E-02	2.91E-03	3.44E-04	5.19E-05	2.19E-02	2.90E-03	2.36E-04	3.55E-05	2.19E-02	2.90E-03	1.13E+00	4.12E-01	1.80E+00	1.21E-01
3179 Gridded	2.55E-02	4.88E-03	1.69E-05	2.39E-06	1.16E-02	2.26E-03	2.61E-02	5.04E-03	2.60E-02	5.02E-03	2.55E-02	4.87E-03	2.82E-02	5.57E-03	2.82E-02	5.57E-03	4.73E-02	9.06E-03	2.61E-02	5.04E-03	2.34E-04	3.31E-05	2.55E-02	4.88E-03	1.60E-04	2.27E-05	2.55E-02	4.89E-03	1.06E+00	3.61E-01	1.70E+00	1.14E-01
3180 Gridded	2.44E-02	4.93E-03	1.66E-05	1.58E-06	1.08E-02	2.22E-03	2.47E-02	5.03E-03	2.47E-02	5.02E-03	2.43E-02	4.92E-03	2.59E-02	5.38E-03	2.59E-02	5.38E-03	4.52E-02	9.14E-03	2.47E-02	5.03E-03	2.30E-04	2.20E-05	2.43E-02	4.92E-03	1.58E-04	1.50E-05	2.44E-02	4.93E-03	9.94E-01	2.60E-01	1.87E+00	1.47E-01
3181 Gridded	2.40E-02	5.15E-03	1.72E-05	1.91E-06	1.06E-02	2.28E-03	2.43E-02	5.22E-03	2.42E-02	5.21E-03	2.39E-02	5.14E-03	2.53E-02	5.44E-03	2.53E-02	5.44E-03	4.45E-02	9.55E-03	2.43E-02	5.22E-03	2.39E-04	2.65E-05	2.40E-02	5.15E-03	1.63E-04	1.82E-05	2.40E-02	5.15E-03	1.28E+00	2.55E-01	2.28E+00	2.19E-01
3182 Gridded	1.77E-02	4.92E-03	2.05E-05	2.04E-06	7.85E-03	2.15E-03	1.79E-02	4.96E-03	1.79E-02	4.96E-03	1.77E-02	4.92E-03	1.88E-02	5.11E-03	1.88E-02	5.11E-03	3.28E-02	9.13E-03	1.79E-02	4.96E-03	2.84E-04	2.83E-05	1.77E-02	4.92E-03	1.94E-04	1.94E-05	1.77E-02	4.92E-03	1.43E+00	2.45E-01	2.29E+00	2.64E-01
3183 Gridded	1.46E-02	3.23E-03	2.24E-05	1.96E-06	6.94E-03	1.41E-03	1.48E-02	3.26E-03	1.48E-02	3.25E-03	1.45E-02	3.23E-03	1.89E-02	3.34E-03	1.89E-02	3.34E-03	2.70E-02	6.00E-03	1.48E-02	3.26E-03	3.10E-04	2.72E-05	1.45E-02	3.23E-03	2.12E-04	1.86E-05	1.46E-02	3.23E-03	1.64E+00	2.41E-01	2.31E+00	2.74E-01
3184 Gridded	1.60E-02	2.15E-03	2.36E-05	1.96E-06	8.55E-03	1.04E-03	1.76E-02	2.26E-03	1.74E-02	2.25E-03	1.60E-02	2.15E-03	2.28E-02	2.61E-03	2.28E-02	2.61E-03	2.97E-02	3.99E-03	1.76E-02	2.26E-03	3.28E-04	2.72E-05	1.60E-02	2.15E-03	2.24E-04	1.86E-05	1.61E-02	2.16E-03	1.75E+00	2.66E-01	2.43E+00	2.83E-01
3185 Gridded	1.93E-02	2.47E-03	2.39E-05	2.00E-06	9.95E-03	1.20E-03	2.09E-02	2.61E-03	2.07E-02	2.59E-03	1.92E-02	2.47E-03	2.61E-02	3.04E-03	2.61E-02	3.04E-03	3.57E-02	4.59E-03	2.09E-02	2.61E-03	3.32E-04	2.78E-05	1.92E-02	2.47E-03	2.27E-04	1.90E-05	1.93E-02	2.48E-03	1.68E+00	2.95E-01	2.45E+00	2.89E-01
3186 Gridded	2.14E-02	2.75E-03	2.31E-05	2.65E-06	1.08E-02	1.33E-03	2.29E-02	2.89E-03	2.27E-02	2.87E-03	2.13E-02	2.74E-03	2.80E-02	3.36E-03	2.80E-02	3.36E-03	3.96E-02	5.10E-03	2.29E-02	2.89E-03	3.20E-04	3.68E-05	2.13E-02	2.75E-03	2.19E-04	2.52E-05	2.14E-02	2.75E-03	1.56E+00	3.05E-01	2.24E+00	2.70E-01
3187 Gridded	2.25E-02	2.88E-03	2.16E-05	3.08E-06	1.12E-02	1.38E-03	2.40E-02	3.02E-03	2.38E-02	3.00E-03	2.25E-02	2.88E-03	2.87E-02	3.48E-03	2.87E-02	3.48E-03	4.18E-02	5.35E-03	2.40E-02	3.02E-03	3.00E-04	4.27E-05	2.25E-02	2.88E-03	2.05E-04	2.92E-05	2.26E-02	2.89E-03	1.50E+00	2.95E-01	1.97E+00	2.31E-01
3188 Gridded	2.22E-02	2.77E-03	2.00E-05	3.24E-06	1.09E-02	1.32E-03	2.35E-02	2.90E-03	2.33E-02	2.88E-03	2.21E-02	2.77E-03	2.79E-02	3.43E-03	2.79E-02	3.43E-03	4.11E-02	5.14E-03	2.35E-02	2.90E-03	2.77E-04	4.50E-05	2.22E-02	2.77E-03	1.90E-04	3.08E-05	2.22E-02	2.78E-03	1.40E+00	2.74E-01	1.77E+00	2.15E-01
3189 Gridded	7.92E-03	1.49E-03	1.03E-05	2.23E-06	4.12E-03	7.97E-04	8.61E-03	1.64E-03	8.52E-03	1.62E-03	7.88E-03	1.48E-03	1.09E-02	2.13E-03	1.09E-02	2.13E-03	1.47E-02	2.76E-03	8.61E-03	1.64E-03	1.43E-04	3.10E-05	7.90E-03	1.49E-03	9.75E-05	2.12E-05	7.93E-03	1.49E-03	7.02E-01	1.68E-01	1.01E+00	2.55E-01
3190 Gridded	8.32E-03	1.60E-03	1.10E-05	2.27E-06	4.35E-03	8.13E-04	9.07E-03	1.72E-03	8.96E-03	1.71E-03	8.28E-03	1.60E-03	1.15E-02	2.12E-03	1.15E-02	2.12E-03	1.54E-02	2.97E-03	9.07E-03	1.72E-03	1.53E-04	3.15E-05	8.31E-03	1.60E-03	1.05E-04	2.15E-05	8.33E-03	1.60E-03	7.25E-01	1.80E-01	1.09E+00	2.62E-01
3191 Gridded	8.45E-03	1.69E-03	1.19E-05	2.25E-06	4.46E-03	8.59E-04	9.25E-03	1.82E-03	9.14E-03	1.80E-03	8.40E-03	1.68E-03	1.18E-02	2.24E-03	1.18E-02	2.24E-03	1.56E-02	3.12E-03	9.25E-03	1.82E-03	1.65E-04	3.11E-05	8.43E-03	1.68E-03	1.13E-04	2.13E-05	8.46E-03	1.69E-03	7.33E-01	1.88E-01	1.15E+00	2.62E-01
3192 Gridded	8.13E-03	1.69E-03	1.23E-05	2.17E-06	4.35E-03	8.64E-04	8.96E-03	1.82E-03	8.84E-03	1.80E-03	8.08E-03	1.68E-03	1.16E-02	2.26E-03	1.16E-02	2.26E-03	1.50E-02	3.13E-03	8.96E-03	1.82E-03	1.70E-04	3.00E-05	8.11E-03	1.69E-03	1.16E-04	2.05E-05	8.14E-03	1.69E-03	7.28E-01	1.96E-01	1.17E+00	2.55E-01
3193 Gridded	7.62E-03	1.63E-03	1.20E-05	1.99E-06	4.11E-03	8.38E-04	8.43E-03	1.76E-03	8.32E-03	1.75E-03	7.58E-03	1.62E-03	1.11E-02	2.20E-03	1.11E-02	2.20E-03	1.41E-02	3.02E-03	8.43E-03	1.76E-03	1.66E-04	2.76E-05	7.60E-03	1.63E-03	1.14E-04	1.89E-05	7.63E-03	1.63E-03	6.96E-01	2.03E-01	1.18E+00	2.47E-01
3194 Gridded	7.33E-03	1.53E-03	1.17E-05	1.95E-06	3.82E-03	7.95E-04	7.98E-03	1.67E-03	7.88E-03	1.65E-03	7.29E-03	1.53E-03	1.01E-02	2.09E-03	1.01E-02	2.09E-03	1.36E-02	2.84E-03	7.98E-03	1.67E-03	1.62E-04	2.70E-05	7.31E-03	1.53E-03	1.11E-04	1.85E-05	7.33E-03	1.54E-03	7.11E-01	2.13E-01	1.17E+00	2.42E-01
3195 Gridded	7.03E-03	1.39E-03	1.09E-05	1.95E-06	3.70E-03	7.34E-04	7.69E-03	1.52E-03	7.60E-03	1.50E-03	6.99E-03	1.38E-03	9.84E-03	1.95E-03	9.84E-03	1.95E-03	1.30E-02	2.57E-03	7.69E-03	1.52E-03	1.51E-04	2.71E-05	7.01E-03	1.39E-03	1.03E-04	1.85E-05	7.03E-03	1.39E-03	9.10E-01	2.27E-01	1.14E+00	2.40E-01
3196 Gridded	6.48E-03	1.28E-03	9.51E-06	1.83E-06	3.45E-03	6.79E-04	7.12E-03	1.41E-03	7.03E-03	1.39E-03	6.44E-03	1.28E-03	9.20E-03	1.81E-03	9.20E-03	1.81E-03	1.20E-02	2.38E-03	7.12E-03	1.41E-03	1.32E-04	2.54E-05	6.46E-03	1.28E-03	9.02E-05	1.74E-05	6.49E-03	1.29E-03	1.26E+00	2.34E-01	1.06E+00	2.42E-01
3197 Gridded	7.57E-03	1.63E-03	8.73E-06	1.98E-06	3.84E-03	8.37E-04	8.14E-03	1.76E-03	8.06E-03	1.74E-03	7.54E-03	1.62E-03	9.98E-03	2.19E-03	9.98E-03	2.19E-03	1.40E-02	3.01E-03	8.14E-03	1.76E-03	1.21E-04	2.74E-05	7.56E-03	1.62E-03	8.28E-05	1.88E-05	7.57E-03	1.63E-03	1.54E+00	2.38E-01	9.39E-01	2.44E-01
3198 Gridded	9.25E-03	1.98E-03	8.56E-06	2.16E-06	4.57E-03	1.00E-03	9.83E-03	2.13E-03	9.74E-03	2.11E-03	9.22E-03	1.98E-03	1.17E-02	2.60E-03	1.17E-02	2.60E-03	1.71E-02	3.67E-03	9.83E-03	2.13E-03	1.19E-04	3.00E-05	9.24E-03	1.98E-03	8.12E-05	2.05E-05	9.25E-03	1.99E-03	1.43E+00	2.53E-01	8.09E-01	2.31E-01
3199 Gridded	9.85E-03	2.20E-03	8.92E-06	2.33E-06	4.85E-03	1.11E-03	1.05E-02	2.36E-03	1.04E-02	2.34E-03	9.82E-03	2.19E-03	1.24E-02	2.87E-03	1.24E-02	2.87E-03	1.83E-02	4.08E-03	1.05E-02	2.36E-03	1.24E-04	3.24E-05	9.84E-03	2.20E-03	8.47E-05	2.21E-05	9.86E-03	2.20E-03	1.10E+00	2.61E-01	8.31E-01	2.00E-01
3200 Gridded	1.15E-02	2.42E-03	1.06E-05	2.14E-06	5.66E-03	1.16E-03	1.22E-02	2.54E-03	1.21E-02	2.53E-03	1.14E-02	2.42E-03	1.45E-02	2.93E-03	1.45E-02	2.93E-03	2.12E-02	4.49E-03	1.22E-02	2.54E-03	1.46E-04	2.97E-05	1.14E-02	2.42E-03	1.00E-04	2.03E-05	1.15E-02	2.42E-03	8.49E-01	2.55E-01	9.10E-01	1.59E-01
3201 Gridded	1.37E-02	2.99E-03	9.06E-06	1.90E-06	6.43E-03	1.41E-03	1.42E-02	3.12E-03	1.42E-02	3.10E-03	1.37E-02	2.98E-03	1.60E-02	3.53E-03	1.60E-02	3.53E-03	2.54E-02	5.54E-03	1.42E-02	3.12E-03	1.26E-04	2.64E-05	1.37E-02	2.99E-03	8.59E-05	1.81E-05	1.37E-02	2.99E-03	8.95E-01	2.75E-01	9.71E-01	1.24E-01
3202 Gridded	1.63E-02	3.10E-03	9.54E-06	1.66E-06	7.67E-03	1.40E-03	1.70E-02	3.17E-03	1.69E-02	3.16E-03	1.63E-02	3.10E-03	1.91E-02	3.39E-03	1.91E-02	3.39E-03	3.03E-02	5.75E-03	1.70E-02	3.17E-03	1.32E-04	2.30E-05	1.63E-02	3.10E-03	9.05E-05	1.57E-05	1.63E-02	3.10E-03	9.35E-01	2.47E-01	1.13E+00	6.79E-02
3203 Gridded	1.32E-02	1.32E-03	4.92E-06	6.23E-07	5.78E-03	6.08E-04	1.33E-02	1.36E-03	1.33E-02	1.35E-03	1.32E-02	1.31E-03	1.37E-02	1.49E-03	1.37E-02	1.49E-03	2.46E-02	2.44E-03	1.33E-02	1.36E-03	6.83E-05	8.64E-06	1.32E-02	1.32E-03	4.67E-05	5.91E-06	1.32E-02	1.32E-03	7.71E-01	1.30E-01	1.35E+00	7.59E-02
3204 Gridded	4.89E-03	5.47E-04	5.17E-06	5.02E-07	2.38E-03	2.54E-04	5.10E-03	5.66E-04	5.06E-03	5.63E-04	4.89E-03	5.46E-04	6.13E-03	6.26E-04	6.13E-03	6.26E-04	9.08E-03	1.01E-03	5.10E-03	5.66E-04	7.17E-05	6.96E-06	4.89E-03	5.47E-04	4.91E-05	4.76E-06	4.89E-03	5.47E-04	7.83E-01	5.48E-02	1.59E+00	8.80E-02
3205 Gridded	5.32E-03	7.38E-04	5.74E-06	5.97E-07	2.42E-03	3.29E-04	5.45E-03	7.50E-04	5.44E-03	7.48E-04	5.31E-03	7.37E-04	5.92E-03	7.90E-04	5.92E-03	7.90E-04	9.86E-03	1.37E-03	5.45E-03	7.50E-04	7.96E-05	8.28E-06	5.31E-03	7.38E-04	5.45E-05	5.67E-06	5.32E-03	7.38E-04	8.95E-01	6.41E-02	1.85E+00	1.01E-01
3206 Gridded	6.41E-03	7.15E-04	1.09E-05	1.41E-06	2.89E-03	3.48E-04	6.42E-03	7.31E-04	6.42E-03	7.23E-04	6.40E-03	7.15E-04	7.67E-03	9.16E-04	7.67E-03	9.16E-04	1.19E-02	1.33E-03	6.42E-03	7.31E-04	1.51E-04	1.96E-05	6.41E-03	7.15E-04	1.03E-04	1.34E-05	6.41E-03	7.15E-04	9.74E-01	7.09E-02	2.05E+00	1.13E-01
3207 Gridded	2.80E-02	1.80E-03	3.22E-05	4.33E-06	1.20E-02	7.97E-04	2.80E-02	1.83E-03	2.80E-02	1.82E-03	2.80E-02	1.80E-03	2.81E-02	1.90E-03	2.81E-02	1.90E-03	5.19E-02	3.35E-03	2.80E-02	1.83E-03	4.47E-04	6.01E-05	2.80E-02	1.80E-03	3.06E-04	4.11E-05	2.80E-02	1.80E-03	1.00E+00	1.40E-01	2.14E+00	1.19E-01
3208 Gridded	3.34E-02	4.77E-03	2.59E-05	3.87E-06	1.44E-02	2.05E-03	3.35E-02	4.77E-03	3.35E-02	4.77E-03	3.34E-02	4.77E-03	3.36E-02	4.79E-03	3.36E-02	4.79E-03	6.21E-02	8.86E-03	3.35E-02	4.77E-03	3.59E-04	5.36E-05	3.34E-02	4.77E-03	2.46E-04	3.67E-05	3.34E-02	4.77E-03	9.82E-01	2.42E-01	2.11E+00	1.19E-01

Scenario 4 Results

3209 Gridded	4.16E-02	8.11E-03	1.84E-05	1.67E-06	1.79E-02	3.59E-03	4.17E-02	8.22E-03	4.17E-02	8.22E-03	4.17E-02	8.20E-03	4.16E-02	8.10E-03	4.17E-02	8.58E-03	4.17E-02	8.58E-03	7.73E-02	1.50E-02	4.17E-02	8.22E-03	2.55E-04	2.32E-05	4.16E-02	8.10E-03	1.75E-04	1.59E-05	4.16E-02	8.11E-03	9.28E-01	2.37E-01	2.00E+00	1.14E-01
3210 Gridded	3.99E-02	7.38E-03	1.04E-05	1.50E-06	1.72E-02	3.21E-03	3.99E-02	7.43E-03	3.99E-02	7.43E-03	3.99E-02	7.42E-03	3.98E-02	7.38E-03	4.02E-02	7.59E-03	4.02E-02	7.59E-03	7.40E-02	1.37E-02	3.99E-02	7.43E-03	1.44E-04	2.07E-05	3.98E-02	7.38E-03	9.86E-05	1.42E-05	3.99E-02	7.38E-03	9.06E-01	2.73E-01	1.86E+00	1.25E-01
3211 Gridded	3.27E-02	9.10E-03	1.44E-05	1.47E-06	1.41E-02	3.92E-03	3.28E-02	9.11E-03	3.28E-02	9.11E-03	3.28E-02	9.11E-03	3.27E-02	9.10E-03	3.29E-02	9.17E-03	3.29E-02	9.17E-03	6.08E-02	1.69E-02	3.28E-02	9.11E-03	1.99E-04	2.04E-05	3.27E-02	9.10E-03	1.36E-04	1.40E-05	3.27E-02	9.10E-03	1.10E+00	3.15E-01	2.12E+00	1.41E-01
3212 Gridded	2.34E-02	5.19E-03	1.78E-05	1.59E-06	1.01E-02	2.23E-03	2.34E-02	5.20E-03	2.34E-02	5.20E-03	2.34E-02	5.20E-03	2.34E-02	5.19E-03	2.37E-02	5.22E-03	2.37E-02	5.22E-03	4.35E-02	9.65E-03	2.34E-02	5.20E-03	2.46E-04	2.20E-05	2.34E-02	5.19E-03	1.69E-04	1.51E-05	2.34E-02	5.19E-03	1.25E+00	2.96E-01	2.01E+00	1.41E-01
3213 Gridded	1.88E-02	3.01E-03	1.98E-05	1.57E-06	8.12E-03	1.36E-03	1.88E-02	3.08E-03	1.88E-02	3.08E-03	1.88E-02	3.07E-03	1.88E-02	3.01E-03	1.91E-02	3.30E-03	1.91E-02	3.30E-03	3.48E-02	5.59E-03	1.88E-02	3.08E-03	2.74E-04	2.17E-05	1.88E-02	3.01E-03	1.88E-04	1.49E-05	1.88E-02	3.01E-03	1.26E+00	2.78E-01	1.68E+00	1.60E-01
3214 Gridded	1.62E-02	2.52E-03	2.02E-05	1.60E-06	8.39E-03	1.16E-03	1.76E-02	2.60E-03	1.76E-02	2.60E-03	1.74E-02	2.59E-03	1.62E-02	2.52E-03	2.20E-02	2.83E-03	2.20E-02	2.83E-03	3.01E-02	4.68E-03	1.76E-02	2.60E-03	2.81E-04	2.21E-05	1.62E-02	2.52E-03	1.92E-04	1.51E-05	1.63E-02	2.53E-03	1.38E+00	2.57E-01	1.38E+00	1.67E-01
3215 Gridded	1.93E-02	2.31E-03	2.01E-05	1.93E-06	9.69E-03	1.07E-03	2.07E-02	2.39E-03	2.07E-02	2.39E-03	2.05E-02	2.38E-03	1.92E-02	2.31E-03	2.50E-02	2.63E-03	2.50E-02	2.63E-03	3.58E-02	4.28E-03	2.07E-02	2.39E-03	2.78E-04	2.68E-05	1.93E-02	2.31E-03	1.90E-04	1.83E-05	1.93E-02	2.31E-03	1.47E+00	2.47E-01	1.35E+00	1.78E-01
3216 Gridded	2.16E-02	2.50E-03	2.33E-05	2.63E-06	1.07E-02	1.20E-03	2.30E-02	2.58E-03	2.30E-02	2.58E-03	2.28E-02	2.57E-03	2.16E-02	2.50E-03	2.72E-02	3.11E-03	2.72E-02	3.11E-03	4.01E-02	4.65E-03	2.30E-02	2.58E-03	3.23E-04	3.65E-05	2.16E-02	2.50E-03	2.21E-04	2.50E-05	2.17E-02	2.51E-03	1.45E+00	2.52E-01	2.01E+00	2.12E-01
3217 Gridded	2.26E-02	3.17E-03	2.40E-05	3.00E-06	1.10E-02	1.57E-03	2.38E-02	3.37E-03	2.38E-02	3.37E-03	2.36E-02	3.34E-03	2.25E-02	3.16E-03	2.78E-02	4.03E-03	2.78E-02	4.03E-03	4.18E-02	5.87E-03	2.38E-02	3.37E-03	3.33E-04	4.16E-05	2.25E-02	3.16E-03	2.28E-04	2.84E-05	2.26E-02	3.17E-03	1.32E+00	2.47E-01	2.61E+00	2.27E-01
3218 Gridded	2.27E-02	3.61E-03	2.31E-05	3.03E-06	1.09E-02	1.76E-03	2.38E-02	3.81E-03	2.38E-02	3.81E-03	2.36E-02	3.78E-03	2.26E-02	3.59E-03	2.75E-02	4.47E-03	2.75E-02	4.47E-03	4.20E-02	6.68E-03	2.38E-02	3.81E-03	3.20E-04	4.20E-05	2.26E-02	3.60E-03	2.19E-04	2.88E-05	2.27E-02	3.61E-03	1.16E+00	2.29E-01	2.98E+00	2.25E-01
3219 Gridded	2.14E-02	3.68E-03	2.02E-05	2.80E-06	1.03E-02	1.77E-03	2.25E-02	3.87E-03	2.25E-02	3.87E-03	2.23E-02	3.84E-03	2.14E-02	3.67E-03	2.58E-02	4.48E-03	2.58E-02	4.48E-03	3.97E-02	6.82E-03	2.25E-02	3.87E-03	2.79E-04	3.89E-05	2.14E-02	3.67E-03	1.91E-04	2.66E-05	2.14E-02	3.68E-03	1.02E+00	2.01E-01	3.23E+00	2.09E-01
3220 Gridded	6.87E-03	1.46E-03	9.03E-06	2.11E-06	3.58E-03	7.75E-04	7.48E-03	1.60E-03	7.48E-03	1.60E-03	7.39E-03	1.58E-03	6.84E-03	1.45E-03	9.46E-03	2.06E-03	9.46E-03	2.06E-03	1.27E-02	2.70E-03	7.48E-03	1.60E-03	1.25E-04	2.92E-05	6.86E-03	1.46E-03	8.57E-05	2.00E-05	6.88E-03	1.46E-03	6.74E-01	2.18E-01	8.47E-01	2.52E-01
3221 Gridded	7.04E-03	1.41E-03	9.04E-06	2.11E-06	3.55E-03	7.54E-04	7.55E-03	1.55E-03	7.55E-03	1.55E-03	7.48E-03	1.53E-03	7.01E-03	1.40E-03	9.22E-03	2.02E-03	9.22E-03	2.02E-03	1.30E-02	2.61E-03	7.55E-03	1.55E-03	1.25E-04	2.93E-05	7.03E-03	1.41E-03	8.58E-05	2.00E-05	7.05E-03	1.41E-03	6.87E-01	2.27E-01	9.15E-01	2.59E-01
3222 Gridded	7.55E-03	1.38E-03	8.60E-06	2.10E-06	3.85E-03	7.32E-04	8.14E-03	1.51E-03	8.14E-03	1.51E-03	8.05E-03	1.49E-03	7.52E-03	1.37E-03	1.00E-02	1.95E-03	1.00E-02	1.95E-03	1.40E-02	2.55E-03	8.14E-03	1.51E-03	1.19E-04	2.91E-05	7.54E-03	1.38E-03	8.16E-05	1.99E-05	7.56E-03	1.38E-03	6.91E-01	2.30E-01	9.79E-01	2.60E-01
3223 Gridded	7.89E-03	1.35E-03	9.32E-06	2.07E-06	4.04E-03	7.26E-04	8.52E-03	1.49E-03	8.52E-03	1.49E-03	8.43E-03	1.47E-03	7.86E-03	1.35E-03	1.06E-02	1.94E-03	1.06E-02	1.94E-03	1.46E-02	2.50E-03	8.52E-03	1.49E-03	1.29E-04	2.86E-05	7.88E-03	1.35E-03	8.85E-05	1.96E-05	7.90E-03	1.35E-03	6.89E-01	2.33E-01	1.04E+00	2.66E-01
3224 Gridded	8.12E-03	1.30E-03	9.85E-06	2.10E-06	4.17E-03	7.07E-04	8.78E-03	1.44E-03	8.78E-03	1.44E-03	8.69E-03	1.42E-03	8.08E-03	1.29E-03	1.09E-02	1.90E-03	1.09E-02	1.90E-03	1.50E-02	2.41E-03	8.78E-03	1.44E-03	1.37E-04	2.92E-05	8.10E-03	1.30E-03	9.34E-05	2.00E-05	8.13E-03	1.30E-03	6.69E-01	2.34E-01	1.09E+00	2.74E-01
3225 Gridded	7.93E-03	1.28E-03	1.06E-05	2.10E-06	4.15E-03	6.72E-04	8.65E-03	1.36E-03	8.65E-03	1.36E-03	8.55E-03	1.35E-03	7.89E-03	1.27E-03	1.10E-02	1.82E-03	1.10E-02	1.82E-03	1.47E-02	2.37E-03	8.65E-03	1.36E-03	1.48E-04	2.92E-05	7.92E-03	1.28E-03	1.01E-04	2.00E-05	7.94E-03	1.28E-03	6.78E-01	2.36E-01	1.12E+00	2.82E-01
3226 Gridded	7.55E-03	1.28E-03	1.15E-05	2.06E-06	4.05E-03	6.46E-04	8.32E-03	1.37E-03	8.32E-03	1.37E-03	8.22E-03	1.36E-03	7.51E-03	1.27E-03	1.08E-02	1.70E-03	1.08E-02	1.70E-03	1.40E-02	2.36E-03	8.32E-03	1.37E-03	1.59E-04	2.85E-05	7.53E-03	1.27E-03	1.09E-04	1.95E-05	7.56E-03	1.28E-03	8.68E-01	2.41E-01	1.14E+00	2.94E-01
3227 Gridded	7.70E-03	1.40E-03	1.16E-05	1.92E-06	4.12E-03	7.03E-04	8.48E-03	1.50E-03	8.48E-03	1.50E-03	8.37E-03	1.49E-03	7.65E-03	1.40E-03	1.10E-02	1.82E-03	1.10E-02	1.82E-03	1.42E-02	2.60E-03	8.48E-03	1.50E-03	1.61E-04	2.66E-05	7.68E-03	1.40E-03	1.10E-04	1.82E-05	7.70E-03	1.40E-03	1.21E+00	2.46E-01	1.13E+00	3.02E-01
3228 Gridded	8.23E-03	1.64E-03	1.01E-05	1.60E-06	4.15E-03	7.98E-04	8.78E-03	1.73E-03	8.78E-03	1.73E-03	8.70E-03	1.72E-03	8.20E-03	1.64E-03	1.09E-02	2.02E-03	1.09E-02	2.02E-03	1.53E-02	3.05E-03	8.78E-03	1.73E-03	1.40E-04	2.23E-05	8.22E-03	1.64E-03	9.56E-05	1.52E-05	8.24E-03	1.64E-03	1.53E+00	2.47E-01	1.10E+00	3.04E-01
3229 Gridded	8.86E-03	1.88E-03	8.89E-06	1.46E-06	4.30E-03	8.96E-04	9.34E-03	1.96E-03	9.34E-03	1.96E-03	9.27E-03	1.95E-03	8.83E-03	1.87E-03	1.09E-02	2.25E-03	1.09E-02	2.25E-03	1.64E-02	3.48E-03	9.34E-03	1.96E-03	1.23E-04	2.02E-05	8.85E-03	1.88E-03	8.44E-05	1.38E-05	8.86E-03	1.88E-03	1.55E+00	2.34E-01	1.06E+00	2.85E-01
3230 Gridded	9.27E-03	2.12E-03	8.17E-06	1.34E-06	4.15E-03	9.49E-04	9.31E-03	2.16E-03	9.31E-03	2.16E-03	9.30E-03	2.15E-03	9.27E-03	2.11E-03	1.06E-02	2.35E-03	1.06E-02	2.35E-03	1.72E-02	3.93E-03	9.31E-03	2.16E-03	1.13E-04	1.86E-05	9.27E-03	2.12E-03	7.75E-05	1.27E-05	9.27E-03	2.12E-03	1.41E+00	2.20E-01	9.99E-01	2.46E-01
3231 Gridded	1.36E-02	3.36E-03	9.12E-06	1.96E-06	5.97E-03	1.51E-03	1.36E-02	3.43E-03	1.36E-02	3.43E-03	1.36E-02	3.42E-03	1.35E-02	3.36E-03	1.49E-02	3.65E-03	1.49E-02	3.65E-03	2.52E-02	6.24E-03	1.36E-02	3.43E-03	1.26E-04	2.72E-05	1.36E-02	3.36E-03	8.65E-05	1.86E-05	1.36E-02	3.36E-03	1.10E+00	2.07E-01	9.10E-01	1.96E-01
3232 Gridded	1.57E-02	3.83E-03	1.01E-05	2.31E-06	7.04E-03	1.74E-03	1.58E-02	3.92E-03	1.58E-02	3.92E-03	1.57E-02	3.91E-03	1.57E-02	3.83E-03	1.77E-02	4.21E-03	1.77E-02	4.21E-03	2.92E-02	7.11E-03	1.58E-02	3.92E-03	1.39E-04	3.20E-05	1.57E-02	3.83E-03	9.54E-05	2.19E-05	1.57E-02	3.83E-03	7.42E-01	1.89E-01	9.90E-01	1.53E-01
3233 Gridded	1.86E-02	4.44E-03	7.28E-06	1.29E-06	8.34E-03	1.99E-03	1.90E-02	4.52E-03	1.90E-02	4.52E-03	1.89E-02	4.51E-03	1.86E-02	4.43E-03	2.01E-02	4.81E-03	2.01E-02	4.81E-03	3.45E-02	8.23E-03	1.90E-02	4.52E-03	1.01E-04	1.79E-05	1.86E-02	4.43E-03	6.91E-05	1.23E-05	1.86E-02	4.44E-03	6.49E-01	1.30E-01	1.19E+00	8.08E-02
3234 Gridded	2.26E-02	4.75E-03	5.04E-06	3.31E-07	9.83E-03	2.04E-03	2.27E-02	4.76E-03	2.27E-02	4.76E-03	2.27E-02	4.75E-03	2.26E-02	4.75E-03	2.32E-02	4.78E-03	2.32E-02	4.78E-03	4.20E-02	8.82E-03	2.27E-02	4.76E-03	7.00E-05	4.58E-06	2.26E-02	4.75E-03	4.79E-05	3.14E-06	2.26E-02	4.75E-03	7.40E-01	9.73E-02	1.43E+00	7.95E-02
3235 Gridded	1.41E-02	9.32E-04	5.35E-06	3.83E-07	6.04E-03	4.00E-04	1.41E-02	9.33E-04	1.41E-02	9.33E-04	1.41E-02	9.33E-04	1.41E-02	9.32E-04	1.41E-02	9.35E-04	1.41E-02	9.35E-04	2.62E-02	1.73E-03	1.41E-02	9.33E-04	7.42E-05	5.31E-06	1.41E-02	9.32E-04	5.07E-05	3.63E-06	1.41E-02	9.32E-04	8.76E-01	5.24E-02	1.70E+00	9.24E-02
3236 Gridded	4.54E-03	5.10E-04	5.99E-06	5.15E-07	2.28E-03	2.20E-04	4.86E-03	5.11E-04	4.86E-03	5.11E-04	4.81E-03	5.11E-04	4.52E-03	5.09E-04	5.89E-03	5.17E-04	5.89E-03	5.17E-04	8.41E-03	9.46E-04	4.86E-03	5.11E-04	8.30E-05	7.14E-06	4.53E-03	5.09E-04	5.68E-05	4.88E-06	4.54E-03	5.10E-04	1.01E+00	6.10E-02	1.98E+00	1.06E-01
3237 Gridded	9.47E-03	7.60E-04	1.38E-05	1.72E-06	4.09E-03	3.31E-04	9.50E-03	7.65E-04	9.50E-03	7.65E-04	9.49E-03	7.64E-04	9.47E-03	7.60E-04	9.59E-03	7.81E-04	9.59E-03	7.81E-04	1.76E-02	1.41E-03	9.50E-03	7.65E-04	1.92E-04	2.39E-05	9.47E-03	7.60E-04	1.31E-04	1.63E-05	9.47E-03	7.60E-04	1.10E+00	6.70E-02	2.19E+00	1.17E-01
3238 Gridded	4.79E-02	6.96E-03	2.12E-05	2.26E-06	2.06E-02	2.98E-03	4.79E-02	6.96E-03	4.79E-02	6.96E-03	4.79E-02	6.96E-03	4.79E-02	6.96E-03	4.79E-02	6.96E-03	4.79E-02	6.96E-03	8.90E-02	1.29E-02	4.79E-02	6.96E-03	2.95E-04	3.13E-05	4.79E-02	6.96E-03	2.02E-04	2.14E-05	4.79E-02	6.96E-03	1.13E+00	1.30E-01	2.28E+00	1.23E-01
3239 Gridded	8.23E-02	1.49E-02	1.23E-05	1.50E-06	3.53E-02	6.44E-03	8.23E-02	1.50E-02	8.23E-02	1.50E-02	8.23E-02	1.50E-02	8.23E-02	1.49E-02	8.23E-02	1.51E-02	8.23E-02	1.51E-02	1.53E-01	2.78E-02	8.23E-02	1.50E-02	1.71E-04	2.08E-05	8.23E-02	1.49E-02	1.17E-04	1.42E-05	8.23E-02	1.49E-02	1.53E+00	2.91E-01	2.24E+00	1.22E-01
3240 Gridded	6.73E-02	2.03E-02	1.43E-05	1.40E-06	2.88E-02	8.72E-03	6.73E-02	2.03E-02	6.73E-02	2.03E-02	6.73E-02	2.03E-02	6.73E-02	2.03E-02	6.73E-02	2.04E-02	6.73E-02	2.04E-02	1.25E-01	3.78E-02	6.73E-02	2.03E-02	1.98E-04	1.93E-05	6.73E-02	2.03E-02	1.36E-04	1.32E-05	6.73E-02	2.03E-02	1.25E+00	3.83E-01	2.60E+00	2.27E-01
3241 Gridded	4.55E-02	1.08E-02	1.40E-05	1.26E-06	1.95E-02	4.63E-03	4.55E-02	1.08E-02	4.55E-02	1.08E-02	4.55E-02	1.08E-02	4.55E-02	1.08E-02	4.55E-02	1.08E-02	4.55E-02	1.08E-02	8.45E-02	2.01E-02	4.55E-02	1.08E-02	1.94E-04	1.75E-05	4.55E-02	1.08E-02	1.33E-04	1.19E-05	4.55E-02	1.08E-02	1.19E+00	2.02E-01	2.77E+00	2.60E-01
3242 Gridded	3.35E-02	6.07E-03	1.37E-05	1.28E-06	1.45E-02	2.65E-03	3.37E-02	6.12E-03	3.37E-02	6.12E-03	3.37E-02	6.11E-03	3.35E-02	6.07E-03	3.41E-02	6.28E-03	3.41E-02	6.28E-03	6.23E-02	1.13E-02	3.37E-02	6.12E-03	1.90E-04	1.77E-05	3.35E-02	6.07E-03	1.30E-04	1.21E-05	3.35E-02	6.07E-03	1.34E+00	1.82E-01	2.85E+00	2.46E-01
3243 Gridded	2.62E-02	4.55E-03	1.67E-05	1.42E-06	1.13E-02	1.98E-03	2.62E-02	4.58E-03	2.62E-02	4.58E-03	2.62E-02	4.57E-03	2.62E-02	4.55E-03	2.64E-02	4.68E-03	2.64E-02	4.68E-03	4.86E-02	8.44E-03	2.62E-02	4.58E-03	2.31E-04	1.98E-05	2.62E-02	4.55E-03	1.58E-04	1.35E-05	2.62E-02	4.55E-03	1.28E+00	1.72E-01	2.64E+00	2.17E-01
3244 Gridded	2.06E-02	3.44E-03	1.78E-05	1.49E-06	8.95E-03	1.54E-03	2.07E-02	3.50E-03	2.07E-02	3.50E-03	2.07E-02	3.49E-03	2.05E-02	3.44E-03	2.11E-02	3.69E-03	2.11E-02	3.69E-03	3.82E-02	6.39E-03	2.07E-02	3.50E-03	2.46E-04	2.06E-05	2.06E-02	3.44E-03	1.69E-04	1.41E-05	2.06E-02	3.44E-03	1.06E+00	1.71E-01	2.12E+00	1.89E-01
3245 Gridded	1.79E-02	3.37E-03	1.69E-05	1.44E-06	8.72E-03	1.52E-03	1.89E-02	3.44E-03	1.89E-02	3.44E-03	1.88E-02	3.43E-03	1.79E-02	3.37E-03	2.21E-02	3.67E-03	2.21E-02	3.67E-03	3.32E-02	6.26E-03	1.89E-02	3.44E-03	2.35E-04	2.00E-05	1.79E-02	3.37E-03	1.61E-04	1.37E-05	1.79E-02	3.37E-03	9.11E-01	1.67E-01	1.56E+00	1.83E-01
3246 Gridded	1.94E-02	3.14E-03	1.57E-05	1.45E-06	9.29E-03	1.43E-03	2.03E-02	3.22E-03	2.03E-02	3.22E-03	2.02E-02	3.21E-03	1.94E-02	3.14E-03	2.33E-02	3.48E-03	2.33E-02	3.48E-03	3.60E-02	5.83E-03	2.03E-02	3.22E-03	2.18E-04	2.01E-05	1.94E-02	3.14E-03	1.49E-04	1.37E-05	1.94E-02	3.14E-03	9.56E-01	1.67E-01	1.95E+00	1.82E-01
3247 Gridded	2.01E-02	3.23E-03	1.48E-05	1.58E-06	9.56E-03	1.48E-03	2.10E-02	3.32E-03	2.10E-02	3.32E-03	2.09E-02	3.31E-03	2.01E-02	3.22E-03	2.39E-02	3.62E-03	2.39E-02	3.62E-03	3.74E-02	5.99E-03	2.10E-02	3.32E-03	2.06E-04	2.19E-05	2.01E-02	3.23E-03	1.41E-04	1.50E-05	2.02E-02	3.23E-03	9.48E-01	1.72E-01	2.61E+00	1.85E-01
3248 Gridded	1.98E-02	3.45E-03	1.40E-05	1.66E-06	9.36E-03	1.58E-03	2.06E-02	3.55E-03	2.06E-02	3.55E-03	2.05E-02	3.53E-03	1.98E-02	3.45E-03	2.33E-02	3.85E-03	2.33E-02	3.85E-03	3.67E-02	6.41E-03	2.06E-02	3.55E-03	1.94E-04	2.30E-05	1.98E-02	3.45E-03	1.33E-04	1.57E-05	1.98E-02	3.45E-03	9.48E-01	1.72E-01	3.04E+00	1.90E-01
3249 Gridded	1.89E-02	3.28E-03	1.35E-05	1.66E-06	8.89E-03	1.49E-03	1.96E-02	3.36E-03	1.96E-02	3.36E-03	1.95E-02	3.35E-03	1.88E-02	3.27E-03	2.21E-02	3.64E-03	2.21E-02	3.64E-03	3.50E-02	6.08E-03	1.96E-02	3.36E-03	1.88E-04	2.31E-05	1.89E-02	3.28E-03	1.28E-04	1.58E-05	1.89E-02	3.28E-03	9.23E-01	1.74E-01	3.17E+00	1.90E-01
3250 Gridded	1.75E-02	2.94E-03	1.29E-05	1.66E-06	8.21E-03	1.34E-03	1.82E-02	3.01E-03	1.82E-02	3.01E-03	1.81E-02	3.00E-03	1.74E-02	2.93E-03	2.04E-02	3.26E-03	2.04E-02	3.26E-03	3.24E-02	5.45E-03	1.82E-02	3.01E-03	1.80E-04	2.30E-05	1.75E-02	2.94E-03	1.23E-04	1.57E-05	1.75E-02	2.94E-03	9.62E-01	1.70E-01	3.20E+00	1.84E-01
3251 Gridded	6.50E-03	1.67E-03	8.92E-06	2.48E-06	3.36E-03	8.65E-04	7.05E-03	1.81E-03	7.05E-03	1.81E-03	6.97E-03	1.80E-03	6.47E-03	1.67E-03	8.83E-03	2.28E-03	8.83E-03	2.28E-03	1.20E-02	3.10E-03	7.05E-03	1.81E-03	1.24E-04	3.44E-05	6.49E-03	1.67E-03	8.47E-05	2.35E-05	6.50E-03	1.67E-03	6.72E-01	2.42E-01	7.19E-01	2.38E-01
3252 Gridded	6.33E-03	1.65E-03	9.13E-06	2.47E-06	3.30E-03	8.56E-04	6.89E-03	1.79E-03	6.89E-03	1.79E-03	6.81E-03	1.77E-03	6.30E-03	1.64E-03	8.69E-03	2.26E-03	8.69E-03	2.26E-03	1.17E-02	3.05E-03	6.89E-03	1.79E-03	1.27E-04	3.43E-05	6.32E-03	1.64E-03	8.67E-05	2.35E-05	6.34E-03	1.65E-03	6.81E-01	2.50E-01	7.77E-01	2.50E-01
3253 Gridded	6.38E-03	1.59E-03	9.31E-06	2.45E-06	3.25E-03	8.33E-04	6.87E-03	1.73E-03	6.87E-03	1.73E-03	6.80E-03	1.71E-03	6.36E-03	1.58E-03	8.46E-03	2.20E-03	8.46E-03	2.20E-03	1.18E-02	2.94E-03	6.87E-03	1.73E-03	1.29E-04	3.40E-05	6.37E-03	1.59E-03	8.83E-05	2.32E-05	6.39E-03	1.59E-03	6.85E-01	2.53E-01	8.38E-01	2.54E-01
3254 Gridded	6.27E-03	1.52E-03	9.31E-06	2.38E-06	3.22E-03	8.03E-04	6.78E-03	1.67E-03	6.78E-03	1.67E-03	6.71E-03	1.65E-03	6.25E-03	1.51E-03	8.44E-03	2.13E-03	8.44E-03	2.13E-03	1.16E-02	2.82E-03	6.78E-03	1.67E-03	1.29E-04	3.30E-05	6.26E-03	1.52E-03	8.83E-05	2.26E-05	6.28E-03	1.52E-03	7.00E-01	2.57E-01	9.01E-01	2.56E-01
3255 Gridded	5.98E-03	1.43E-03	8.94E-06	2.27E-06	3.12E-03	7.58E-04	6.51E-03	1.57E-03	6.51E-03	1.57E-03	6.43E-03	1.55E-03	5.95E-03	1.42E-03	8.24E-03	2.02E-03	8.24E-03	2.02E-03	1.11E-02	2.64E-03	6.51E-03	1.57E-03	1.24E-04	3.14E-05	5.96E-03	1.42E-03	8.48E-05	2.15E-05	5.98E-03	1.43E-03	6.77E-01	2.60E-01	9.62E-01	2.63E-01
3256 Gridded	5.65E-03	1.28E-03	8.50E-06	2.20E-06	2.99E-03	6.85E-04	6.19E-03	1.41E-03	6.19E-03	1.41E-03	6.12E-03	1.39E-03	5.62E-03	1.27E-03	7.96E-03	1.84E-03	7.96E-03	1.84E-03	1.05E-02	2.36E-03	6.19E-03	1.41E-03	1.18E-04	3.06E-05	5.64E-03	1.27E-03	8.06E-05	2.09E-05	5.65E-03	1.28E-03	6.66E-01	2.59E-01	1.01E+00	2.66E-01
3257 Gridded	5.81E-03	1.10E-03	8.26E-06	2.12E-06	3.03E-03	6.04E-04	6.32E-03	1.23E-03	6.32E-03	1.23E-03	6.25E-03	1.21E-03	5.78E-03	1.10E-03	7.99E-03	1.64E-03	7.99E-03	1.64E-03	1.08E-02	2.04E-03	6.32E-03	1.23E-03	1.15E-04	2.94E-05	5.80E-03	1.10E-03	7.83E-05	2.01E-05	5.82E-03	1.11E-03	7.12E-01	2.63E-01	1.05E+00	2.69E-01
3258 Gridded	6.21E-03	1.07E-03	7.87E-06	1.96E-06	3.16E-03	5.70E-04	6.62E-03	1.18E-03	6.62E-03	1.18E-03	6.54E-03	1.16E-03	6.19E-03	1.06E-03	8.34E-03	1.52E-03	8.34E-03	1.52E-03	1.15E-02	1.98E-03	6.62E-03	1.18E-03	1.09E-04	2.71E-05	6.20E-03	1.07E-03	7.46E-05	1.86E-05	6.21E-03	1.07E-03	7.52E-01	2.75E-01	1.07E+00	2.67E-01
3259 Gridded	7.69E-03	1.10E-03	7.83E-06	1.70E-06	3.62E-03	5.67E-04	8.00E-03	1.19E-03	8.00E-03	1.19E-03	7.96E-03	1.18E-03	7.67E-03	1.09E-03	9.01E-03	1.49E-03	9.01E-03	1.49E-03	1.43E-02	2.03E-03	8.00E-03	1.19E-03	1.09E-04	2.35E-05	7.68E-03	1.09E-03	7.43E-05	1.61E-05	7.69E-03	1.10E-03	8.08E-01	2.89E-01	1.19E+00	2.70E-01
3260 Gridded	9.64E-03	1.41E-03	8.24E-06	1.66E-06	4.48E-03	6.42E-04	9.97E-03	1.45E-03	9.97E-03	1.45E-03	9.93E-03	1.44E-03	9.62E-03	1.41E-03	1.11E-02	1.56E-03	1.11E-02	1.56E-03	1.79E-02	2.62E-03	9.97E-03	1.45E-03	1.14E-04	2.30E-05	9.63E-03	1.41E-03	7.81E-05	1.58E-05	9.65E-03	1.41E-03	8.16E-01	2.90E-01	1.20E+00	2.54E-01
3261 Gridded	1.18E-02	1.92E-03	8.54E-06	1.65E-06	5.46E-03	8.63E-04	1.22E-02	1.96E-03	1.22E-02	1.96E-03	1.21E-02	1.95E-03	1.18E-02	1.92E-03	1.34E-02	2.08E-03	1.34E-02	2.08E-03	2.19E-02	3.56E-03	1.22E-02	1.96E-03	1.18E-04	2.29E-05	1.18E-02	1.92E-03	8.11E-05	1.57E-05	1.18E-02	1.92E-03	7.82E-01	2.77E-01	1.10E+00	2.11E-01
3262 Gridded	1.41E-02	2.70E-03	8.59E-06	1.62E-06	6.55E-03	1.21E-03	1.46E-02	2.75E-03	1.46E-02	2.75E-03	1.45E-02	2.74E-03	1.41E-02	2.70E-03	1.62E-02	2.91E-03	1.62E-02	2.91E-03	2.62E-02	5.01E-03	1.46E-02	2.75E-03	1.19E-04	2.24E-05	1.41E-02	2.70E-03	8.15E-05	1.53E-05	1.41E-02	2.70E-03	8.32E-01	2.60E-01	1.01E+00	1.50E-01
3263 Gridded	1.77E-02	4.08E-03	8.31E-06	1.43E-06	7.60E-03	1.81E-03	1.77E-02	4.14E-03	1.77E-02	4.14E-03	1.77E-02	4.13E-03	1.77E-02	4.08E-03	1.86E-02	4.31E-03	1.86E-02	4.31E-03	3.28E-02	7.58E-03	1.77E-02	4.14E-03	1.15E-04	1.98E-05	1.77E-02	4.08E-03	7.88E-05	1.36E-05	1.77E-02	4.08E-03	8.42E-01	2.34E-01	1.02E+00	1.14E-01
3264 Gridded	3.77E-02	7.42E-03	5.09E-06	6.48E-07	1.62E-02	3.19E-03	3.77E-02	7.43E-03	3.77E-02	7.43E-03	3.77E-02	7.42E-03	3.77E-02	7.42E-03	3.77E-02	7.45E-03	3.77E-02	7.45E-03	7.01E-02	1.38E-02	3.77E-02	7.43E-03	7.06E-05	8.98E-06	3.77E-02	7.42E-03	4.83E-05	6.15E-06	3.77E-02	7.42E-03	7.26E-01	1.54E-01	1.22E+00	8.04E-02
3265 Gridded	6.19E-02	1.35E-02	5.12E-06	3.47E-07	2.65E-02	5.78E-03	6.19E-02	1.35E-02	6.19E-02	1.35E-02	6.19E-02	1.35E-02	6.19E-02	1.35E-02	6.19E-02	1.35E-02	6.19E-02	1.35E-02	1.15E-01	2.50E-02	6.19E-02	1.35E-02	7.10E-05	4.81E-06	6.19E-02	1.35E-02	4.86E-05	3.29E-06	6.19E-02	1.35E-02	1.15E+00	2.52E-01	1.46E+00	8.10E-02
3266 Gridded	4.52E-02	1.18E-02	5.47E-06	4.03E-07	1.94E-02	5.07E-03	4.52E-02	1.18E-02	4.52E-02	1.18E-02	4.52E-02	1.18E-02	4.52E-02	1.18E-02	4.52E-02	1.18E-02	4.52E-02	1.18E-02	8.39E-02	2.20E-02	4.52E-02	1.18E-02	7.59E-05	5.58E-06	4.52E-02	1.18E-02	5.19E-05	3.82E-06	4.52E-02	1.18E-02	9.41E-01	2.20E-01	1.73E+00	9.39E-02
3267 Gridded	4.12E-03	2.03E-04	6.09E-06	4.63E-07	2.11E-03	9.90E-05	4.45E-03	2.10E-04	4.45E-03	2.10E-04	4.41E-03	2.09E-04	4.11E-03	2.02E-04	5.52E-03	2.72E-04	5.52E-03	2.72E-04	7.64E-03	3.76E-04	4.45E-03	2.10E-04	8.44E-05	6.42E-06	4.12E-03	2.03E-04	5.78E-05	4.39E-06	4.13E-03	2.03E-04	1.08E+00	5.83E-02	1.99E+00	1.06E-01
3268 Gridded	7.30E-02	3.77E-03	6.58E-06	4.82E-07	3.13E-02	1.62E-03	7.30E-02	3.77E-03	7.30E-02	3.77E-03	7.30E-02	3.77E-03	7.30E-02	3.77E-03	7.30E-02	3.77E-03	7.30E-02	3.77E-03	1.36E-01	7.01E-03	7.30E-02	3.77E-03	9.12E-05	6.68E-06	7.30E-02	3.77E-03	6.24E-05	4.57E-06	7.30E-02	3.77E-03	1.36E+00	7.02E-02	2.20E+00	1.17E-01
3269 Gridded	1.73E-01	3.24E-02	2.98E-05	2.12E-06	7.41E-02	1.39E-02	1.73E-01	3.24E-02	1.73E-01	3.24E-02	1.73E-01	3.24E-02	1.73E-01	3.24E-02	1.73E-01	3.24E-02	1.73E-01	3.24E-02	3.21E-01	6.01E-02	1.73E-01	3.24E-02	4.13E-04	2.94E-05	1.73E-01	3.24E-02	2.83E-04	2.01E-05	1.73E-01	3.24E-02	3.21E+00	6.01E-01	2.29E+00	1.22E-01
3270 Gridded	1.13E-01	2.92E-02	3.17E-05	2.63E-06	4.85E-02	1.25E-02	1.13E-01	2.92E-02	1.13E-01	2.92E-02	1.13E-01	2.92E-02	1.13E-01	2.92E-02	1.13E-01	2.92E-02	1.13E-01	2.92E-02	2.10E-01	5.42E-02	1.13E-01	2.92E-02	4.39E-04	3.65E-05	1.13E-01	2.92E-02	3.00E-04	2.50E-05	1.13E-01	2.92E-02	2.10E+00	5.42E-01	2.26E+00	1.22E-01
3271 Gridded	7.36E-02	1.45E-02	2.77E-05	2.53E-06	3.16E-02	6.22E-03	7.36E-02	1.45E-02	7.36E-02	1.45E-02	7.36E-02	1.45E-02	7.36E-02	1.45E-02	7.36E-02	1.45E-02	7.36E-02	1.45E-02	1.37E-01	2.69E-02	7.36E-02	1.45E-02	3.85E-04	3.51E-05	7.36E-02	1.45E-02	2.63E-04	2.40E-05	7.36E-02	1.45E-02	1.66E+00	2.71E-01	4.03E+00	1.89E-01
3272 Gridded	5.04E-02	1.14E-02	2.33E-05	2.27E-06	2.16E-02	4.92E-03	5.04E-02	1.15E-02	5.04E-02	1.15E-02	5.04E-02	1.15E-02	5.04E-02	1.14E-02	5.06E-02	1.15E-02	5.06E-02	1.15E-02	9.35E-02	2.13E-02	5.04E-02	1.15E-02	3.24E-04	3.15E-05	5.04E-02	1.14E-02	2.21E-04	2.16E-05	5.04E-02	1.14E-02	1.45E+00	2.21E-01	3.30E+00	1.82E-01
3273 Gridded	3.97E-02	8.53E-03	1.90E-05	2.01E-06	1.73E-02	3.67E-03	3.99E-02	8.54E-03	3.99E-02	8.54E-03	3.99E-02	8.54E-03	3.97E-02	8.53E-03	4.07E-02	8.58E-03	4.07E-02	8.58E-03	7.37E-02	1.58E-02	3.99E-02	8.54E-03	2.64E-04	2.79E-05	3.97E-02	8.53E-03	1.81E-04	1.91E-05	3.97E-02	8.53E-03	1.52E+00	1.98E-01	3.07E+00	2.09E-01
3274 Gridded	3.01E-02	5.50E-03	1.73E-05	1.84E-06	1.31E-02	2.36E-03	3.04E-02	5.51E-03	3.04E-02	5.51E-03	3.03E-02	5.50E-03	3.01E-02	5.50E-03	3.11E-02	5.53E-03	3.11E-02	5.53E-03	5.59E-02	1.02E-02	3.04E-02	5.51E-03	2.40E-04	2.55E-05	3.01E-02	5.50E-03	1.64E-04	1.74E-05	3.01E-02	5.50E-03	1.43E+00	2.12E-01	2.84E+00	2.45E-01
3275 Gridded	2.06E-02	3.47E-03	1.76E-05	1.71E-06	9.05E-03	1.50E-03	2.08E-02	3.48E-03	2.08E-02	3.48E-03	2.08E-02	3.48E-03	2.06E-02	3.47E-03	2.23E-02	3.51E-03	2.23E-02	3.51E-03	3.83E-02	6.45E-03	2.08E-02	3.48E-03	2.45E-04	2.37E-05	2.06E-02	3.47E-03	1.67E-04	1.62E-05	2.06E-02	3.47E-03	1.15E+00	2.12E-01	2.22E+00	2.39E-01
3276 Gridded	1.60E-02	2.41E-03	1.70E-05	1.60E-06	7.85E-03	1.04E-03	1.69E-02	2.42E-03	1.69E-02	2.42E-03	1.68E-02	2.42E-03	1.59E-02	2.41E-03	2.00E-02	2.46E-03	2.00E-02	2.46E-03	2.96E-02	4.48E-03	1.69E-02	2.42E-03	2.36E-04	2.21E-05	1.59E-02	2.41E-03	1.61E-04	1.51E-05	1.60E-02	2.41E-03	1.22E+00	2.08E-01	1.60E+00	2.17E-01
3277 Gridded	1.48E-02	1.71E-03	1.63E-05	1.62E-06	7.08E-03	7.47E-04	1.53E-02	1.73E-03	1.53E-02	1.73E-03	1.52E-02	1.72E-03	1.48E-02	1.71E-03	1.81E-02	1.76E-03	1.81E-02	1.76E-03	2.74E-02	3.18E-03	1.53E-02	1.73E-03	2.26E-04	2.24E-05	1.48E-02	1.71E-03	1.55E-04	1.53E-05	1.48E-02	1.71E-03	1.27E+00	1.96E-01	1.40E+00	1.94E-01
3278 Gridded	1.47E-02	1.53E-03	1.69E-05	1.77E-06	6.82E-03	7.27E-04	1.52E-02	1.60E-03	1.52E-02	1.60E-03	1.51E-02	1.59E-03	1.47E-02	1.52E-03	1.69E-02	1.82E-03	1.69E-02	1.82E-03	2.73E-02	2.83E-03	1.52E-02	1.60E-03	2.34E-04	2.45E-05	1.47E-02	1.52E-03	1.60E-04	1.68E-05	1.47E-02	1.53E-03	1.25E+00	1.90E-01	1.38E+00	1.87E-01
3279 Gridded	1.40E-02	1.73E-03	1.74E-05	1.85E-06	6.51E-03	8.25E-04	1.45E-02	1.81E-03	1.45E-02	1.81E-03	1.44E-02	1.80E-03	1.40E-02	1.73E-03	1.60E-02	2.07E-03	1.60E-02	2.07E-03	2.60E-02	3.21E-03	1.45E-02	1.81E-03	2.42E-04	2.57E-05	1.40E-02	1.73E-03	1.65E-04	1.76E-05	1.40E-02	1.73E-03	1.18E+00	1.82E-01	1.53E+00	1.99E-01
3280 Gridded	1.31E-02	1.80E-03	1.75E-05	1.87E-06	6.36E-03	8.60E-04	1.36E-02	1.89E-03	1.36E-02	1.89E-03	1.35E-02	1.87E-03	1.31E-02	1.80E-03	1.64E-02	2.16E-03	1.64E-02	2.16E-03	2.43E-02	3.34E-03	1.36E-02	1.89E-03	2.43E-04	2.60E-05	1.31E-02	1.80E-03	1.66E-04	1.78E-05	1.31E-02	1.80E-03	1.08E+00	1.74E-01	1.65E+00	1.98E-01
3281 Gridded	1.30E-02	1.83E-03	1.71E-05	1.87E-06	6.48E-03	8.80E-04	1.39E-02	1.92E-03	1.39E-02	1.92E-03	1.38E-02	1.91E-03	1.30E-02	1.83E-03	1.67E-02	2.22E-03	1.67E-02	2.22E-03	2.41E-02	3.40E-03	1.39E-02	1.92E-03	2.37E-04	2.59E-05	1.30E-02	1.83E-03	1.62E-04	1.77E-05	1.30E-02	1.83E-03	1.01E+00	1.64E-01	1.69E+00	1.93E-01
3282 Gridded	7.75E-03	1.88E-03	1.07E-05	3.01E-06	4.07E-03	9.83E-04	8.47E-03	2.05E-03	8.47E-03	2.05E-03	8.36E-03	2.03E-03	7.71E-03	1.87E-03	1.08E-02	2.63E-03	1.08E-02	2.63E-03	1.43E-02	3.48E-03	8.47E-03	2.05E-03	1.48E-04	4.17E-05	7.73E-03	1.88E-03	1.01E-04	2.86E-05	7.75E-03	1.88E-03	6.68E-01	2.13E-01	9.23E-01	1.97E-01
3283 Gridded	7.91E-03	1.85E-03	1.09E-05	2.99E-06	4.16E-03	9.68E-04	8.64E-03	2.02E-03	8.64E-03	2.02E-03	8.54E-03	1.99E-03	7.87E-03	1.84E-03	1.10E-02	2.59E-03	1.10E-02	2.59E-03	1.46E-02	3.42E-03	8.64E-03	2.02E-03	1.50E-04	4.15E-05	7.89E-03	1.84E-03	1.03E-04	2.84E-05	7.92E-03	1.85E-03	6.70E-01	2.21E-01	1.06E+00	2.02E-01
3284 Gridded	7.86E-03	1.77E-03	1.10E-05	2.95E-06	4.14E-03	9.30E-04	8.60E-03	1.93E-03	8.60E-03	1.93E-03	8.49E-03	1.91E-03	7.82E-03	1.76E-03	1.10E-02	2.52E-03	1.10E-02	2.52E-03	1.45E-02	3.27E-03	8.60E-03	1.93E-03	1.52E-04	4.09E-05	7.84E-03	1.76E-03	1.04E-04	2.80E-05	7.86E-03	1.77E-03	6.71E-01	2.23E-01	1.20E+00	2.06E-01
3285 Gridded	7.72E-03	1.67E-03	1.10E-05	2.90E-06	4.09E-03	8.86E-04	8.46E-03	1.83E-03	8.46E-03	1.83E-03	8.36E-03	1.81E-03	7.68E-03	1.66E-03	1.09E-02	2.42E-03	1.09E-02	2.42E-03	1.43E-02	3.10E-03	8.46E-03	1.83E-03	1.53E-04	4.02E-05	7.70E-03	1.67E-03	1.04E-04	2.75E-05	7.73E-03	1.67E-03	6.79E-01	2.29E-01	1.35E+00	2.13E-01
3286 Gridded	7.55E-03	1.55E-03	1.07E-05	2.82E-06	3.99E-03	8.34E-04	8.28E-03	1.71E-03	8.28E-03	1.71E-03	8.17E-03	1.68E-03	7.51E-03	1.55E-03	1.06E-02	2.29E-03	1.06E-02	2.29E-03	1.40E-02	2.88E-03	8.28E-03	1.71E-03	1.49E-04	3.91E-05	7.54E-03	1.55E-03	1.02E-04	2.68E-05	7.56E-03	1.56E-03	6.95E-01	2.37E-01	1.51E+00	2.24E-01
3287 Gridded	6.96E-03	1.39E-03	1.04E-05	2.73E-06	3.72E-03	7.58E-04	7.67E-03	1.53E-03	7.67E-03	1.53E-03	7.57E-03	1.51E-03	6.92E-03	1.38E-03	9.95E-03	2.10E-03	9.95E-03	2.10E-03	1.29E-02	2.56E-03	7.67E-03	1.53E-03	1.45E-04	3.78E-05	6.95E-03	1.38E-03	9.90E-05	2.59E-05	6.97E-03	1.39E-03	7.25E-01	2.44E-01	1.63E+00	2.32E-01
3288 Gridded	6.30E-03	1.21E-03	1.00E-05	2.71E-06	3.40E-03	6.73E-04	6.95E-03	1.34E-03	6.95E-03	1.34E-03	6.85E-03	1.32E-03	6.27E-03	1.20E-03	9.15E-03	1.88E-03	9.15E-03	1.88E-03	1.17E-02	2.23E-03	6.95E-03	1.34E-03	1.39E-04	3.75E-05	6.29E-03	1.20E-03	9.52E-05	2.57E-05	6.31E-03	1.21E-03	7.62E-01	2.49E-01	1.72E+00	2.35E-01
3289 Gridded	6.55E-03	1.19E-03	9.22E-06	2.57E-06	3.41E-03	6.48E-04	7.10E-03	1.31E-03	7.10E-03	1.31E-03	7.02E-03	1.29E-03	6.52E-03	1.18E-03	9.07E-03	1.80E-03	9.07E-03	1.80E-03	1.21E-02	2.20E-03	7.10E-03	1.31E-03	1.28E-04	3.56E-05	6.54E-03	1.18E-03	8.75E-05	2.44E-05	6.55E-03	1.19E-03	7.76E-01	2.51E-01	1.75E+00	2.29E-01
3290 Gridded	7.20E-03	1.26E-03	7.63E-06	2.19E-06	3.62E-03	6.49E-04	7.71E-03	1.36E-03	7.71E-03	1.36E-03	7.63E-03	1.35E-03	7.17E-03	1.26E-03	9.35E-03	1.76E-03	9.35E-03	1.76E-03	1.33E-02	2.34E-03	7.71E-03	1.36E-03	1.06E-04	3.04E-05	7.19E-03	1.26E-03	7.24E-05	2.08E-05	7.20E-03	1.26E-03	7.83E-01	2.55E-01	1.68E+00	2.12E-01
3291 Gridded	8.21E-03	1.37E-03	7.76E-06	1.99E-06	4.00E-03	6.89E-04	8.63E-03	1.47E-03	8.63E-03	1.47E-03	8.57E-03	1.45E-03	8.19E-03	1.36E-03	1.03E-02	1.81E-03	1.03E-02	1.81E-03	1.52E-02	2.54E-03	8.63E-03	1.47E-03	1.08E-04	2.76E-05	8.20E-03	1.37E-03	7.36E-05	1.89E-05	8.22E-03	1.37E-03	8.05E-01	2.57E-01	1.39E+00	2.02E-01
3292 Gridded	9.23E-03	1.45E-03	8.11E-06	2.02E-06	4.40E-03	7.21E-04	9.61E-03	1.55E-03	9.61E-03	1.55E-03	9.56E-03	1.53E-03	9.21E-03	1.45E-03	1.13E-02	1.85E-03	1.13E-02	1.85E-03	1.71E-02	2.70E-03	9.61E-03	1.55E-03	1.12E-04	2.81E-05	9.23E-03	1.45E-03	7.69E-05	1.92E-05	9.24E-03	1.46E-03	7.83E-01	2.41E-01	1.06E+00	1.93E-01
3293 Gridded	1.05E-02	1.58E-03	8.44E-06	2.09E-06	4.98E-03	7.71E-04	1.09E-02	1.67E-03	1.09E-02	1.67E-03	1.08E-02	1.66E-03	1.05E-02	1.58E-03	1.26E-02	1.96E-03	1.26E-02	1.96E-03	1.96E-02	2.93E-03	1.09E-02	1.67E-03	1.17E-04	2.89E-05	1.05E-02	1.58E-03	8.01E-05	1.98E-05	1.05E-02	1.58E-03	7.25E-01	2.09E-01	1.04E+00	1.55E-01
3294 Gridded	1.30E-02	1.81E-03	8.03E-06	1.84E-06	5.79E-03	8.48E-04	1.32E-02	1.88E-03	1.32E-02	1.88E-03	1.32E-02	1.87E-03	1.30E-02	1.81E-03	1.43E-02	2.10E-03	1.43E-02	2.10E-03	2.42E-02	3.36E-03	1.32E-02	1.88E-03	1.11E-04	2.55E-05	1.30E-02	1.81E-03	7.62E-05	1.74E-05	1.30E-02	1.81E-03	7.17E-01	1.66E-01	1.02E+00	1.32E-01
3295 Gridded	2.45E-02	2.07E-03	5.00E-06	6.17E-07	1.05E-02	9.10E-04	2.45E-02	2.09E-03	2.45E-02	2.09E-03	2.45E-02	2.09E-03	2.45E-02	2.07E-03	2.45E-02	2.16E-03	2.45E-02	2.16E-03	4.55E-02	3.85E-03	2.45E-02	2.09E-03	6.93E-05	8.56E-06	2.45E-02	2.07E-03	4.74E-05	5.86E-06	2.45E-02	2.07E-03	7.11E-01	1.25E-01	1.21E+00	1.01E-01
3296 Gridded	5.97E-02	4.18E-03	5.11E-06	3.53E-07	2.56E-02	1.79E-03	5.97E-02	4.18E-03	5.97E-02	4.18E-03	5.97E-02	4.18E-03	5.97E-02	4.18E-03	5.97E-02	4.18E-03	5.97E-02	4.18E-03	1.11E-01	7.77E-03	5.97E-02	4.18E-03	7.09E-05	4.89E-06	5.97E-02	4.18E-03	4.85E-05	3.35E-06	5.97E-02	4.18E-03	1.11E+00	1.02E-01	1.44E+00	8.01E-02
3297 Gridded	1.60E-01	1.28E-02	5.45E-06	4.06E-07	6.86E-02	5.48E-03	1.60E-01	1.28E-02	1.60E-01	1.28E-02	1.60E-01	1.28E-02	1.60E-01	1.28E-02	1.60E-01	1.28E-02	1.60E-01	1.28E-02	2.97E-01	2.37E-02	1.60E-01	1.28E-02	7.56E-05	5.63E-06	1.60E-01	1.28E-02	5.18E-05	3.85E-06	1.60E-01	1.28E-02	2.97E+00	2.37E-01	1.69E+00	9.22E-02
3298 Gridded	3.53E-03	1.86E-04	5.98E-06	4.54E-07	1.87E-03	1.04E-04	3.88E-03	2.09E-04	3.88E-03	2.09E-04	3.83E-03	2.06E-04	3.51E-03	1.85E-04	4.99E-03	2.84E-04	4.99E-03	2.84E-04	6.54E-03	3.44E-04	3.88E-03	2.09E-04	8.30E-05	6.29E-06	3.53E-03	1.86E-04	5.68E-05	4.31E-06	3.54E-03	1.87E-04	1.10E+00	5.87E-02	1.92E+00	1.03E-01
3299 Gridded	3.75E-03	1.94E-04	1.02E-05	1.25E-06	1.95E-03	1.09E-04	4.07E-03	2.19E-04	4.07E-03	2.19E-04	4.03E-03	2.15E-04	3.73E-03	1.92E-04	5.13E-03	3.73E-04	5.13E-03	3.73E-04	6.93E-03	3.58E-04	4.07E-03	2.19E-04	1.42E-04	1.74E-05	3.74E-03	1.93E-04	9.69E-05	1.19E-05	3.75E-03	1.94E-04	1.19E+00	6.41E-02	2.11E+00	1.13E-01
3300 Gridded	2.18E-01	3.71E-02	4.15E-05	6.74E-06	9.34E-02	1.59E-02	2.18E-01	3.71E-02	2.18E-01	3.71E-02	2.18E-01	3.71E-02	2.18E-01	3.71E-02	2.18E-01	3.71E-02	2.18E-01	3.71E-02	4.05E-01	6.89E-02	2.18E-01	3.71E-02	5.76E-04	9.34E-05	2.18E-01	3.71E-02	3.94E-04	6.39E-05	2.18E-01	3.71E-02	4.05E+00	6.89E-01	2.19E+00	1.17E-01
3301 Gridded	1.30E-01	1.91E-02	4.12E-05	6.39E-06	5.59E-02	8.17E-03	1.30E-01	1.91E-02	1.30E-01	1.91E-02	1.30E-01	1.91E-02	1.30E-01	1.91E-02	1.30E-01	1.91E-02	1.30E-01	1.91E-02	2.42E-01	3.54E-02	1.30E-01	1.91E-02	5.71E-04	8.86E-05	1.30E-01	1.91E-02	3.91E-04	6.06E-05	1.30E-01	1.91E-02	2.42E+00	3.54E-01	2.18E+00	1.18E-01
3302 Gridded	8.00E-02	1.01E-02	3.39E-05	5.19E-06	3.43E-02	4.33E-03	8.00E-02	1.01E-02	8.00E-02	1.01E-02	8.00E-02	1.01E-02	8.00E-02	1.01E-02	8.01E-02	1.01E-02	8.01E-02	1.01E-02	1.49E-01	1.88E-02	8.00E-02	1.01E-02	4.70E-04	7.19E-05	8.00E-02	1.01E-02	3.22E-04	4.92E-05	8.00E-02	1.01E-02	1.70E+00	2.94E-01	3.91E+00	1.80E-01
3303 Gridded	5.15E-02	5.95E-03	2.75E-05	4.08E-06	2.22E-02	2.55E-03	5.16E-02	5.95E-03	5.16E-02	5.95E-03	5.16E-02	5.95E-03	5.15E-02	5.95E-03	5.18E-02	6.40E-03	5.18E-02	6.40E-03	9.57E-02	1.10E-02	5.16E-02	5.95E-03	3.81E-04	5.66E-05	5.15E-02	5.95E-03	2.61E-04	3.87E-05	5.16E-02	5.95E-03	1.33E+00	2.87E-01	2.67E+00	1.30E-01

Scenario 4 Results

3304 Gridded	3.53E-02	3.90E-03	2.23E-05	3.25E-06	1.52E-02	1.90E-03	3.54E-02	4.12E-03	3.54E-02	4.09E-03	3.53E-02	3.89E-03	3.69E-02	4.83E-03	3.69E-02	4.83E-03	6.56E-02	7.23E-03	3.54E-02	4.12E-03	3.09E-04	4.50E-05	3.53E-02	3.90E-03	2.12E-04	3.08E-05	3.53E-02	3.90E-03	1.36E+00	2.55E-01	2.53E+00	1.52E-01
3305 Gridded	2.51E-02	3.04E-03	1.87E-05	2.74E-06	1.20E-02	1.50E-03	2.61E-02	3.22E-03	2.60E-02	3.20E-03	2.51E-02	3.03E-03	3.02E-02	3.83E-03	3.02E-02	3.83E-03	4.66E-02	5.63E-03	2.61E-02	3.22E-03	2.59E-04	3.81E-05	2.51E-02	3.04E-03	1.77E-04	2.60E-05	2.51E-02	3.04E-03	1.25E+00	2.23E-01	2.35E+00	1.62E-01
3306 Gridded	1.93E-02	2.38E-03	1.71E-05	2.39E-06	9.46E-03	1.19E-03	2.05E-02	2.54E-03	2.03E-02	2.52E-03	1.93E-02	2.37E-03	2.41E-02	3.06E-03	2.41E-02	3.06E-03	3.58E-02	4.41E-03	2.05E-02	2.54E-03	2.37E-04	3.32E-05	1.93E-02	2.38E-03	1.62E-04	2.27E-05	1.94E-02	2.38E-03	1.17E+00	1.85E-01	1.84E+00	1.65E-01
3307 Gridded	1.63E-02	1.96E-03	1.67E-05	2.10E-06	8.03E-03	9.88E-04	1.73E-02	2.10E-03	1.71E-02	2.08E-03	1.62E-02	1.95E-03	2.06E-02	2.56E-03	2.06E-02	2.56E-03	3.01E-02	3.63E-03	1.73E-02	2.10E-03	2.32E-04	2.92E-05	1.62E-02	1.96E-03	1.59E-04	2.00E-05	1.63E-02	1.96E-03	1.03E+00	1.88E-01	1.50E+00	1.87E-01
3308 Gridded	1.34E-02	1.63E-03	1.64E-05	1.90E-06	6.74E-03	8.33E-04	1.44E-02	1.76E-03	1.42E-02	1.74E-03	1.34E-02	1.62E-03	1.74E-02	2.17E-03	1.74E-02	2.17E-03	2.49E-02	3.02E-03	1.44E-02	1.76E-03	2.28E-04	2.63E-05	1.34E-02	1.63E-03	1.56E-04	1.80E-05	1.35E-02	1.63E-03	9.35E-01	1.88E-01	1.52E+00	1.95E-01
3309 Gridded	1.21E-02	1.45E-03	1.59E-05	1.74E-06	6.21E-03	7.45E-04	1.31E-02	1.57E-03	1.29E-02	1.55E-03	1.20E-02	1.45E-03	1.63E-02	1.95E-03	1.63E-02	1.95E-03	2.23E-02	2.69E-03	1.31E-02	1.57E-03	2.21E-04	2.41E-05	1.20E-02	1.45E-03	1.51E-04	1.65E-05	1.21E-02	1.45E-03	9.77E-01	1.87E-01	1.45E+00	1.95E-01
3310 Gridded	1.31E-02	1.35E-03	1.56E-05	1.76E-06	6.73E-03	6.99E-04	1.42E-02	1.46E-03	1.40E-02	1.44E-03	1.31E-02	1.34E-03	1.76E-02	1.84E-03	1.76E-02	1.84E-03	2.43E-02	2.50E-03	1.42E-02	1.46E-03	2.17E-04	2.44E-05	1.31E-02	1.35E-03	1.48E-04	1.67E-05	1.31E-02	1.35E-03	9.79E-01	1.86E-01	1.41E+00	1.83E-01
3311 Gridded	1.32E-02	1.44E-03	1.57E-05	1.82E-06	6.78E-03	7.39E-04	1.43E-02	1.55E-03	1.41E-02	1.54E-03	1.32E-02	1.43E-03	1.77E-02	1.94E-03	1.77E-02	1.94E-03	2.45E-02	2.66E-03	1.43E-02	1.55E-03	2.18E-04	2.53E-05	1.32E-02	1.43E-03	1.49E-04	1.73E-05	1.32E-02	1.44E-03	9.40E-01	1.81E-01	1.36E+00	1.64E-01
3312 Gridded	1.30E-02	1.45E-03	1.55E-05	1.83E-06	6.68E-03	7.42E-04	1.41E-02	1.57E-03	1.39E-02	1.55E-03	1.30E-02	1.44E-03	1.75E-02	1.94E-03	1.75E-02	1.94E-03	2.41E-02	2.69E-03	1.41E-02	1.57E-03	2.15E-04	2.54E-05	1.30E-02	1.45E-03	1.47E-04	1.74E-05	1.30E-02	1.45E-03	8.98E-01	1.72E-01	1.24E+00	1.58E-01
3313 Gridded	8.14E-03	2.13E-03	1.13E-05	3.02E-06	4.09E-03	1.13E-03	8.72E-03	2.33E-03	8.63E-03	2.31E-03	8.10E-03	2.12E-03	1.06E-02	2.99E-03	1.06E-02	2.99E-03	1.51E-02	3.94E-03	8.72E-03	2.33E-03	1.56E-04	4.18E-05	8.12E-03	2.13E-03	1.07E-04	2.86E-05	8.14E-03	2.13E-03	6.93E-01	1.83E-01	1.42E+00	2.07E-01
3314 Gridded	8.23E-03	2.11E-03	1.13E-05	2.96E-06	4.12E-03	1.11E-03	8.80E-03	2.31E-03	8.72E-03	2.28E-03	8.20E-03	2.10E-03	1.06E-02	2.96E-03	1.06E-02	2.96E-03	1.53E-02	3.91E-03	8.80E-03	2.31E-03	1.57E-04	4.10E-05	8.22E-03	2.11E-03	1.07E-04	2.81E-05	8.24E-03	2.12E-03	6.73E-01	1.86E-01	1.58E+00	2.13E-01
3315 Gridded	8.08E-03	2.03E-03	1.11E-05	3.02E-06	4.03E-03	1.07E-03	8.63E-03	2.23E-03	8.55E-03	2.20E-03	8.05E-03	2.02E-03	1.04E-02	2.86E-03	1.04E-02	2.86E-03	1.50E-02	3.77E-03	8.63E-03	2.23E-03	1.54E-04	4.19E-05	8.07E-03	2.03E-03	1.06E-04	2.87E-05	8.08E-03	2.04E-03	6.30E-01	1.83E-01	1.71E+00	2.11E-01
3316 Gridded	7.86E-03	1.94E-03	1.08E-05	3.10E-06	3.91E-03	1.03E-03	8.37E-03	2.13E-03	8.30E-03	2.11E-03	7.83E-03	1.93E-03	1.00E-02	2.74E-03	1.00E-02	2.74E-03	1.46E-02	3.60E-03	8.37E-03	2.13E-03	1.49E-04	4.30E-05	7.85E-03	1.94E-03	1.02E-04	2.94E-05	7.86E-03	1.95E-03	6.69E-01	1.83E-01	1.78E+00	2.05E-01
3317 Gridded	7.57E-03	1.82E-03	9.90E-06	3.11E-06	3.72E-03	9.68E-04	8.02E-03	2.00E-03	7.96E-03	1.98E-03	7.54E-03	1.81E-03	9.51E-03	2.58E-03	9.51E-03	2.58E-03	1.40E-02	3.37E-03	8.02E-03	2.00E-03	1.37E-04	4.32E-05	7.56E-03	1.82E-03	9.39E-05	2.95E-05	7.57E-03	1.82E-03	7.03E-01	1.94E-01	1.83E+00	1.94E-01
3318 Gridded	6.90E-03	1.65E-03	9.84E-06	3.09E-06	3.37E-03	8.84E-04	7.30E-03	1.82E-03	7.24E-03	1.80E-03	6.88E-03	1.64E-03	8.59E-03	2.36E-03	8.59E-03	2.36E-03	1.28E-02	3.06E-03	7.30E-03	1.82E-03	1.37E-04	4.28E-05	6.89E-03	1.65E-03	9.34E-05	2.93E-05	6.91E-03	1.65E-03	7.20E-01	2.08E-01	1.79E+00	1.86E-01
3319 Gridded	6.47E-03	1.45E-03	1.01E-05	2.99E-06	3.23E-03	7.82E-04	6.91E-03	1.60E-03	6.85E-03	1.58E-03	6.45E-03	1.44E-03	8.31E-03	2.12E-03	8.31E-03	2.12E-03	1.20E-02	2.68E-03	6.91E-03	1.60E-03	1.39E-04	4.15E-05	6.46E-03	1.45E-03	9.54E-05	2.84E-05	6.48E-03	1.45E-03	7.37E-01	2.17E-01	1.60E+00	2.06E-01
3320 Gridded	6.66E-03	1.41E-03	9.72E-06	2.76E-06	3.27E-03	7.41E-04	7.06E-03	1.54E-03	7.00E-03	1.52E-03	6.64E-03	1.40E-03	8.35E-03	2.02E-03	8.35E-03	2.02E-03	1.23E-02	2.60E-03	7.06E-03	1.54E-03	1.35E-04	3.83E-05	6.65E-03	1.40E-03	9.22E-05	2.62E-05	6.66E-03	1.41E-03	7.45E-01	2.15E-01	1.32E+00	2.21E-01
3321 Gridded	7.15E-03	1.48E-03	8.24E-06	2.26E-06	3.41E-03	7.42E-04	7.48E-03	1.58E-03	7.44E-03	1.57E-03	7.13E-03	1.47E-03	8.57E-03	1.95E-03	8.57E-03	1.95E-03	1.33E-02	2.74E-03	7.48E-03	1.58E-03	1.14E-04	3.14E-05	7.14E-03	1.48E-03	7.82E-05	2.15E-05	7.15E-03	1.48E-03	7.69E-01	2.17E-01	9.80E-01	2.24E-01
3322 Gridded	7.94E-03	1.56E-03	6.89E-06	1.79E-06	3.70E-03	7.61E-04	8.22E-03	1.65E-03	8.18E-03	1.63E-03	7.92E-03	1.55E-03	9.26E-03	1.93E-03	9.26E-03	1.93E-03	1.47E-02	2.89E-03	8.22E-03	1.65E-03	9.55E-05	2.48E-05	7.93E-03	1.56E-03	6.53E-05	1.69E-05	7.94E-03	1.56E-03	7.94E-01	2.01E-01	9.62E-01	2.06E-01
3323 Gridded	8.49E-03	1.59E-03	7.13E-06	1.53E-06	3.94E-03	7.56E-04	8.72E-03	1.66E-03	8.68E-03	1.65E-03	8.48E-03	1.59E-03	9.78E-03	1.89E-03	9.78E-03	1.89E-03	1.58E-02	2.95E-03	8.72E-03	1.66E-03	9.88E-05	2.12E-05	8.49E-03	1.59E-03	6.76E-05	1.45E-05	8.49E-03	1.59E-03	7.61E-01	2.05E-01	9.93E-01	2.05E-01
3324 Gridded	9.33E-03	1.64E-03	7.99E-06	1.43E-06	4.27E-03	7.59E-04	9.59E-03	1.69E-03	9.55E-03	1.69E-03	9.31E-03	1.64E-03	1.04E-02	1.87E-03	1.04E-02	1.87E-03	1.73E-02	3.05E-03	9.59E-03	1.69E-03	1.11E-04	1.99E-05	9.32E-03	1.64E-03	7.58E-05	1.36E-05	9.33E-03	1.64E-03	7.84E-01	1.85E-01	1.01E+00	1.74E-01
3325 Gridded	1.12E-02	1.70E-03	9.89E-06	1.44E-06	4.86E-03	7.58E-04	1.12E-02	1.73E-03	1.12E-02	1.72E-03	1.12E-02	1.70E-03	1.14E-02	1.84E-03	1.14E-02	1.84E-03	2.08E-02	3.16E-03	1.12E-02	1.73E-03	1.37E-04	1.99E-05	1.12E-02	1.70E-03	9.38E-05	1.36E-05	1.12E-02	1.70E-03	7.93E-01	1.78E-01	1.04E+00	1.41E-01
3326 Gridded	1.40E-02	1.71E-03	7.48E-06	1.22E-06	5.99E-03	7.39E-04	1.40E-02	1.71E-03	1.40E-02	1.71E-03	1.40E-02	1.71E-03	1.40E-02	1.74E-03	1.40E-02	1.74E-03	2.60E-02	3.17E-03	1.40E-02	1.71E-03	1.04E-04	1.69E-05	1.40E-02	1.71E-03	7.09E-05	1.16E-05	1.40E-02	1.71E-03	8.29E-01	1.77E-01	1.18E+00	1.56E-01
3327 Gridded	4.16E-02	3.70E-03	5.02E-06	4.01E-07	1.78E-02	1.61E-03	4.16E-02	3.72E-03	4.16E-02	3.72E-03	4.16E-02	3.70E-03	4.16E-02	3.79E-03	4.16E-02	3.79E-03	7.72E-02	6.87E-03	4.16E-02	3.72E-03	6.96E-05	5.57E-06	4.16E-02	3.70E-03	4.76E-05	3.81E-06	4.16E-02	3.70E-03	9.08E-01	2.06E-01	1.39E+00	1.11E-01
3328 Gridded	1.22E-01	1.62E-02	5.34E-06	3.91E-07	5.22E-02	6.94E-03	1.22E-01	1.62E-02	1.22E-01	1.62E-02	1.22E-01	1.62E-02	1.22E-01	1.62E-02	1.22E-01	1.62E-02	2.26E-01	3.00E-02	1.22E-01	1.62E-02	7.40E-05	5.42E-06	1.22E-01	1.62E-02	5.06E-05	3.71E-06	1.22E-01	1.62E-02	2.26E+00	3.03E-01	1.60E+00	8.79E-02
3329 Gridded	3.52E-01	5.53E-02	5.84E-06	4.29E-07	1.51E-01	2.37E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	3.52E-01	5.53E-02	6.53E-01	1.03E-01	3.52E-01	5.53E-02	8.10E-05	5.95E-06	3.52E-01	5.53E-02	5.54E-05	4.07E-06	3.52E-01	5.53E-02	6.53E+00	1.04E+00	1.80E+00	9.78E-02
3330 Gridded	2.44E-01	2.83E-02	6.27E-06	6.16E-07	1.05E-01	1.21E-02	2.44E-01	2.83E-02	2.44E-01	2.83E-02	2.44E-01	2.83E-02	2.44E-01	2.83E-02	2.44E-01	2.83E-02	4.53E-01	5.25E-02	2.44E-01	2.83E-02	8.70E-05	8.54E-06	2.44E-01	2.83E-02	5.95E-05	5.85E-06	2.44E-01	2.83E-02	4.54E+00	5.26E-01	1.95E+00	1.05E-01
3331 Gridded	1.51E-01	3.21E-02	8.40E-06	1.16E-06	6.49E-02	1.38E-02	1.51E-01	3.21E-02	1.51E-01	3.21E-02	1.51E-01	3.21E-02	1.51E-01	3.21E-02	1.51E-01	3.21E-02	2.81E-01	5.97E-02	1.51E-01	3.21E-02	1.17E-04	1.62E-05	1.51E-01	3.21E-02	7.97E-05	1.11E-05	1.51E-01	3.21E-02	2.81E+00	7.15E-01	2.03E+00	1.10E-01
3332 Gridded	1.30E-01	1.72E-02	1.23E-05	1.23E-06	5.65E-02	7.45E-03	1.31E-01	1.73E-02	1.30E-01	1.73E-02	1.30E-01	1.72E-02	1.33E-01	1.75E-02	1.33E-01	1.75E-02	2.41E-01	3.19E-02	1.31E-01	1.73E-02	1.70E-04	1.70E-05	1.30E-01	1.72E-02	1.16E-04	1.17E-05	1.30E-01	1.72E-02	2.43E+00	3.23E-01	2.41E+00	1.13E-01
3333 Gridded	8.63E-02	1.33E-02	1.81E-05	2.62E-06	3.83E-02	5.89E-03	8.75E-02	1.35E-02	8.74E-02	1.35E-02	8.63E-02	1.33E-02	9.15E-02	1.41E-02	9.15E-02	1.41E-02	1.60E-01	2.47E-02	8.75E-02	1.35E-02	2.51E-04	3.63E-05	8.63E-02	1.33E-02	1.72E-04	2.48E-05	8.63E-02	1.33E-02	1.66E+00	2.70E-01	3.61E+00	1.67E-01
3334 Gridded	6.56E-02	9.38E-03	2.11E-05	3.21E-06	2.92E-02	4.25E-03	6.66E-02	9.60E-03	6.65E-02	9.57E-03	6.55E-02	9.37E-03	7.00E-02	1.03E-02	7.00E-02	1.03E-02	1.22E-01	1.74E-02	6.66E-02	9.60E-03	2.93E-04	4.46E-05	6.55E-02	9.38E-03	2.01E-04	3.05E-05	6.56E-02	9.39E-03	1.29E+00	2.62E-01	5.77E+00	2.60E-01
3335 Gridded	4.30E-02	6.55E-03	1.88E-05	3.19E-06	1.98E-02	3.03E-03	4.43E-02	6.76E-03	4.41E-02	6.73E-03	4.30E-02	6.53E-03	4.84E-02	7.46E-03	4.84E-02	7.46E-03	7.98E-02	1.21E-02	4.43E-02	6.76E-03	2.61E-04	4.42E-05	4.30E-02	6.54E-03	1.78E-04	3.02E-05	4.30E-02	6.55E-03	1.59E+00	2.52E-01	5.87E+00	2.59E-01
3336 Gridded	2.72E-02	4.78E-03	2.02E-05	3.05E-06	1.31E-02	2.26E-03	2.86E-02	4.99E-03	2.84E-02	4.96E-03	2.71E-02	4.77E-03	3.30E-02	5.65E-03	3.30E-02	5.65E-03	5.04E-02	8.87E-03	2.86E-02	4.99E-03	2.80E-04	4.22E-05	2.72E-02	4.78E-03	1.92E-04	2.89E-05	2.72E-02	4.78E-03	1.75E+00	2.28E-01	3.76E+00	1.83E-01
3337 Gridded	2.14E-02	3.55E-03	1.94E-05	2.85E-06	1.02E-02	1.72E-03	2.24E-02	3.75E-03	2.22E-02	3.72E-03	2.14E-02	3.54E-03	2.54E-02	4.37E-03	2.54E-02	4.37E-03	3.97E-02	6.59E-03	2.24E-02	3.75E-03	2.69E-04	3.95E-05	2.14E-02	3.55E-03	1.84E-04	2.70E-05	2.14E-02	3.56E-03	1.44E+00	1.99E-01	1.94E+00	1.91E-01
3338 Gridded	1.77E-02	2.75E-03	1.75E-05	2.59E-06	8.50E-03	1.36E-03	1.86E-02	2.93E-03	1.84E-02	2.90E-03	1.76E-02	2.74E-03	2.14E-02	3.50E-03	2.14E-02	3.50E-03	3.28E-02	5.10E-03	1.86E-02	2.93E-03	2.43E-04	3.59E-05	1.77E-02	2.75E-03	1.66E-04	2.45E-05	1.77E-02	2.76E-03	1.54E+00	1.75E-01	1.49E+00	1.82E-01
3339 Gridded	1.46E-02	2.23E-03	1.62E-05	2.40E-06	7.08E-03	1.13E-03	1.53E-02	2.39E-03	1.52E-02	2.37E-03	1.46E-02	2.22E-03	1.80E-02	2.92E-03	1.80E-02	2.92E-03	2.72E-02	4.13E-03	1.53E-02	2.39E-03	2.25E-04	3.33E-05	1.46E-02	2.23E-03	1.54E-04	2.28E-05	1.46E-02	2.23E-03	1.52E+00	1.59E-01	1.38E+00	1.76E-01
3340 Gridded	1.41E-02	1.93E-03	1.63E-05	2.22E-06	6.73E-03	9.85E-04	1.47E-02	2.08E-03	1.46E-02	2.06E-03	1.40E-02	1.92E-03	1.69E-02	2.57E-03	1.69E-02	2.57E-03	2.61E-02	3.58E-03	1.47E-02	2.08E-03	2.27E-04	3.08E-05	1.41E-02	1.93E-03	1.55E-04	2.11E-05	1.41E-02	1.93E-03	1.39E+00	1.57E-01	1.53E+00	1.81E-01
3341 Gridded	1.48E-02	1.75E-03	1.73E-05	2.00E-06	7.15E-03	8.90E-04	1.55E-02	1.88E-03	1.54E-02	1.86E-03	1.47E-02	1.74E-03	1.81E-02	2.32E-03	1.81E-02	2.32E-03	2.73E-02	3.23E-03	1.55E-02	1.88E-03	2.40E-04	2.77E-05	1.47E-02	1.74E-03	1.64E-04	1.90E-05	1.48E-02	1.75E-03	1.23E+00	1.68E-01	1.60E+00	1.85E-01
3342 Gridded	1.46E-02	1.57E-03	1.71E-05	1.76E-06	7.13E-03	7.92E-04	1.54E-02	1.68E-03	1.53E-02	1.66E-03	1.45E-02	1.56E-03	1.82E-02	2.06E-03	1.82E-02	2.06E-03	2.70E-02	2.91E-03	1.54E-02	1.68E-03	2.37E-04	2.44E-05	1.46E-02	1.57E-03	1.62E-04	1.67E-05	1.46E-02	1.57E-03	1.05E+00	1.70E-01	1.57E+00	1.80E-01
3343 Gridded	1.36E-02	1.53E-03	1.64E-05	1.64E-06	6.69E-03	7.67E-04	1.44E-02	1.63E-03	1.43E-02	1.62E-03	1.35E-02	1.52E-03	1.71E-02	1.98E-03	1.71E-02	1.98E-03	2.51E-02	2.83E-03	1.44E-02	1.63E-03	2.27E-04	2.28E-05	1.35E-02	1.52E-03	1.56E-04	1.56E-05	1.36E-02	1.53E-03	8.80E-01	1.65E-01	1.48E+00	1.64E-01
3344 Gridded	6.81E-03	2.07E-03	1.04E-05	2.90E-06	3.61E-03	1.06E-03	7.46E-03	2.24E-03	7.36E-03	2.21E-03	6.79E-03	2.06E-03	9.65E-03	2.77E-03	9.65E-03	2.77E-03	1.26E-02	3.84E-03	7.46E-03	2.24E-03	1.44E-04	4.02E-05	6.80E-03	2.07E-03	9.88E-05	2.75E-05	6.81E-03	2.07E-03	7.26E-01	1.74E-01	1.61E+00	1.94E-01
3345 Gridded	6.52E-03	2.06E-03	1.10E-05	2.96E-06	3.48E-03	1.05E-03	7.17E-03	2.22E-03	7.08E-03	2.19E-03	6.49E-03	2.05E-03	9.42E-03	2.82E-03	9.42E-03	2.82E-03	1.21E-02	3.81E-03	7.17E-03	2.22E-03	1.53E-04	4.10E-05	6.51E-03	2.05E-03	1.04E-04	2.81E-05	6.53E-03	2.06E-03	7.43E-01	1.86E-01	1.69E+00	1.86E-01
3346 Gridded	6.54E-03	1.97E-03	1.12E-05	2.97E-06	3.60E-03	1.05E-03	7.30E-03	2.16E-03	7.20E-03	2.13E-03	6.50E-03	1.96E-03	9.76E-03	2.80E-03	9.76E-03	2.80E-03	1.21E-02	3.65E-03	7.30E-03	2.16E-03	1.56E-04	4.11E-05	6.53E-03	1.97E-03	1.06E-04	2.81E-05	6.55E-03	1.97E-03	7.23E-01	1.90E-01	1.69E+00	1.74E-01
3347 Gridded	6.69E-03	1.88E-03	1.13E-05	2.94E-06	3.66E-03	1.01E-03	7.45E-03	2.08E-03	7.35E-03	2.05E-03	6.65E-03	1.87E-03	9.92E-03	2.72E-03	9.92E-03	2.72E-03	1.24E-02	3.48E-03	7.45E-03	2.08E-03	1.56E-04	4.08E-05	6.68E-03	1.88E-03	1.07E-04	2.79E-05	6.70E-03	1.88E-03	7.05E-01	1.91E-01	1.58E+00	1.90E-01
3348 Gridded	6.66E-03	1.76E-03	1.06E-05	2.81E-06	3.60E-03	9.51E-04	7.38E-03	1.95E-03	7.28E-03	1.92E-03	6.62E-03	1.75E-03	9.70E-03	2.56E-03	9.70E-03	2.56E-03	1.23E-02	3.25E-03	7.38E-03	1.95E-03	1.47E-04	3.89E-05	6.64E-03	1.75E-03	1.01E-04	2.66E-05	6.67E-03	1.76E-03	7.23E-01	1.87E-01	1.42E+00	2.02E-01
3349 Gridded	6.34E-03	1.57E-03	9.69E-06	2.62E-06	3.40E-03	8.59E-04	6.99E-03	1.75E-03	6.90E-03	1.73E-03	6.30E-03	1.56E-03	9.11E-03	2.32E-03	9.11E-03	2.32E-03	1.17E-02	2.91E-03	6.99E-03	1.75E-03	1.34E-04	3.63E-05	6.32E-03	1.57E-03	9.19E-05	2.49E-05	6.35E-03	1.58E-03	7.22E-01	1.81E-01	1.17E+00	2.15E-01
3350 Gridded	6.17E-03	1.34E-03	8.91E-06	2.38E-06	3.21E-03	7.45E-04	6.71E-03	1.51E-03	6.63E-03	1.48E-03	6.14E-03	1.34E-03	8.46E-03	2.03E-03	8.46E-03	2.03E-03	1.14E-02	2.49E-03	6.71E-03	1.51E-03	1.24E-04	3.30E-05	6.16E-03	1.34E-03	8.45E-05	2.26E-05	6.17E-03	1.35E-03	7.41E-01	1.78E-01	8.27E-01	2.17E-01
3351 Gridded	5.96E-03	1.25E-03	8.80E-06	2.03E-06	3.02E-03	6.79E-04	6.37E-03	1.39E-03	6.32E-03	1.37E-03	5.94E-03	1.24E-03	7.96E-03	1.83E-03	7.96E-03	1.83E-03	1.11E-02	2.31E-03	6.37E-03	1.39E-03	1.22E-04	2.81E-05	5.96E-03	1.25E-03	8.35E-05	1.92E-05	5.97E-03	1.25E-03	7.61E-01	2.01E-01	8.64E-01	2.04E-01
3352 Gridded	6.32E-03	1.23E-03	8.29E-06	1.47E-06	3.01E-03	6.30E-04	6.61E-03	1.33E-03	6.57E-03	1.32E-03	6.31E-03	1.23E-03	7.64E-03	1.64E-03	7.64E-03	1.64E-03	1.17E-02	2.29E-03	6.61E-03	1.33E-03	1.15E-04	2.04E-05	6.32E-03	1.23E-03	7.87E-05	1.39E-05	6.32E-03	1.24E-03	7.32E-01	2.12E-01	9.33E-01	2.21E-01
3353 Gridded	6.61E-03	1.18E-03	7.85E-06	1.43E-06	2.97E-03	5.66E-04	6.74E-03	1.24E-03	6.72E-03	1.23E-03	6.61E-03	1.18E-03	7.59E-03	1.42E-03	7.59E-03	1.42E-03	1.23E-02	2.19E-03	6.74E-03	1.24E-03	1.09E-04	1.98E-05	6.61E-03	1.18E-03	7.45E-05	1.35E-05	6.61E-03	1.18E-03	7.73E-01	2.02E-01	8.60E-01	2.15E-01
3354 Gridded	6.25E-03	1.05E-03	1.00E-05	1.37E-06	3.14E-03	4.87E-04	6.58E-03	1.09E-03	6.51E-03	1.08E-03	6.24E-03	1.05E-03	8.25E-03	1.23E-03	8.25E-03	1.23E-03	1.16E-02	1.96E-03	6.58E-03	1.09E-03	1.39E-04	1.90E-05	6.25E-03	1.05E-03	9.49E-05	1.30E-05	6.25E-03	1.06E-03	8.66E-01	2.09E-01	1.17E+00	1.88E-01
3355 Gridded	7.05E-03	9.37E-04	1.00E-05	1.49E-06	3.28E-03	4.71E-04	7.12E-03	1.00E-03	7.11E-03	9.94E-04	7.04E-03	9.33E-04	8.51E-03	1.22E-03	8.51E-03	1.22E-03	1.31E-02	1.74E-03	7.12E-03	1.00E-03	1.39E-04	2.07E-05	7.05E-03	9.36E-04	9.52E-05	1.42E-05	7.05E-03	9.38E-04	8.28E-01	1.92E-01	1.70E+00	1.83E-01
3356 Gridded	1.25E-02	1.12E-03	1.01E-05	1.45E-06	5.66E-03	5.30E-04	1.28E-02	1.17E-03	1.28E-02	1.16E-03	1.25E-02	1.12E-03	1.37E-02	1.32E-03	1.37E-02	1.32E-03	2.33E-02	2.08E-03	1.28E-02	1.17E-03	1.40E-04	2.01E-05	1.25E-02	1.12E-03	9.57E-05	1.37E-05	1.26E-02	1.12E-03	8.79E-01	1.97E-01	1.36E+00	2.08E-01
3357 Gridded	2.18E-02	2.67E-03	1.59E-05	1.91E-06	9.34E-03	1.17E-03	2.18E-02	2.70E-03	2.18E-02	2.70E-03	2.18E-02	2.67E-03	2.18E-02	2.78E-03	2.18E-02	2.78E-03	4.05E-02	4.96E-03	2.18E-02	2.70E-03	2.21E-04	2.65E-05	2.18E-02	2.67E-03	1.51E-04	1.81E-05	2.18E-02	2.67E-03	9.87E-01	2.62E-01	1.14E+00	1.72E-01
3358 Gridded	5.57E-02	5.82E-03	2.33E-05	1.65E-06	2.39E-02	2.50E-03	5.57E-02	5.82E-03	5.57E-02	5.82E-03	5.57E-02	5.82E-03	5.57E-02	5.83E-03	5.57E-02	5.83E-03	1.03E-01	1.08E-02	5.57E-02	5.82E-03	3.23E-04	2.29E-05	5.57E-02	5.82E-03	2.21E-04	1.57E-05	5.57E-02	5.82E-03	1.04E+00	2.06E-01	1.38E+00	1.07E-01
3359 Gridded	1.21E-01	1.56E-02	8.16E-06	6.91E-07	5.20E-02	6.68E-03	1.21E-01	1.56E-02	1.21E-01	1.56E-02	1.21E-01	1.56E-02	1.21E-01	1.56E-02	1.21E-01	1.56E-02	2.25E-01	2.89E-02	1.21E-01	1.56E-02	1.13E-04	9.59E-06	1.21E-01	1.56E-02	7.74E-05	6.56E-06	1.21E-01	1.56E-02	2.25E+00	3.04E-01	1.48E+00	1.46E-01
3360 Gridded	5.52E-02	2.56E-03	5.64E-06	6.58E-07	2.37E-02	1.10E-03	5.52E-02	2.57E-03	5.52E-02	2.57E-03	5.52E-02	2.56E-03	5.52E-02	2.57E-03	5.52E-02	2.57E-03	1.03E-01	4.76E-03	5.52E-02	2.57E-03	7.82E-05	9.13E-06	5.52E-02	2.56E-03	5.35E-05	6.25E-06	5.52E-02	2.56E-03	1.06E+00	1.67E-01	1.65E+00	9.10E-02
3361 Gridded	8.66E-02	1.41E-02	1.02E-05	1.17E-06	3.71E-02	6.04E-03	8.66E-02	1.41E-02	8.66E-02	1.41E-02	8.66E-02	1.41E-02	8.66E-02	1.41E-02	8.66E-02	1.41E-02	1.61E-01	2.61E-02	8.66E-02	1.41E-02	1.41E-04	1.62E-05	8.66E-02	1.41E-02	9.65E-05	1.11E-05	8.66E-02	1.41E-02	2.19E+00	4.30E-01	1.79E+00	9.80E-02
3362 Gridded	1.21E-01	2.68E-02	1.02E-05	1.59E-06	5.21E-02	1.15E-02	1.21E-01	2.68E-02	1.21E-01	2.68E-02	1.21E-01	2.68E-02	1.21E-01	2.68E-02	1.21E-01	2.68E-02	2.25E-01	4.98E-02	1.21E-01	2.68E-02	1.42E-04	2.20E-05	1.21E-01	2.68E-02	9.68E-05	1.50E-05	1.21E-01	2.68E-02	2.29E+00	5.26E-01	1.87E+00	1.03E-01
3363 Gridded	5.84E-02	8.26E-03	9.54E-06	1.58E-06	2.51E-02	3.54E-03	5.84E-02	8.26E-03	5.84E-02	8.26E-03	5.84E-02	8.26E-03	5.85E-02	8.27E-03	5.85E-02	8.27E-03	1.08E-01	1.53E-02	5.84E-02	8.26E-03	1.32E-04	2.19E-05	5.84E-02	8.26E-03	9.05E-05	1.50E-05	5.84E-02	8.26E-03	2.34E+00	3.45E-01	1.89E+00	1.05E-01
3364 Gridded	4.11E-02	5.17E-03	8.04E-06	1.12E-06	1.78E-02	2.22E-03	4.12E-02	5.17E-03	4.12E-02	5.17E-03	4.11E-02	5.17E-03	4.18E-02	5.19E-03	4.18E-02	5.19E-03	7.63E-02	9.60E-03	4.12E-02	5.17E-03	1.12E-04	1.55E-05	4.11E-02	5.17E-03	7.63E-05	1.06E-05	4.11E-02	5.17E-03	2.71E+00	2.10E-01	5.75E+00	2.82E-01
3365 Gridded	4.14E-02	4.87E-03	7.06E-06	1.15E-06	1.82E-02	2.13E-03	4.19E-02	4.92E-03	4.18E-02	4.91E-03	4.14E-02	4.87E-03	4.34E-02	5.06E-03	4.34E-02	5.06E-03	7.68E-02	9.04E-03	4.19E-02	4.92E-03	9.79E-05	1.59E-05	4.14E-02	4.87E-03	6.70E-05	1.09E-05	4.14E-02	4.87E-03	1.37E+00	2.14E-01	5.73E+00	2.59E-01
3366 Gridded	4.06E-02	4.87E-03	1.13E-05	1.18E-06	1.82E-02	2.17E-03	4.14E-02	4.95E-03	4.13E-02	4.94E-03	4.06E-02	4.87E-03	4.39E-02	5.21E-03	4.39E-02	5.21E-03	7.54E-02	9.04E-03	4.14E-02	4.95E-03	1.57E-04	1.64E-05	4.06E-02	4.87E-03	1.07E-04	1.12E-05	4.06E-02	4.87E-03	1.56E+00	2.15E-01	7.16E+00	3.28E-01
3367 Gridded	3.42E-02	4.49E-03	1.24E-05	1.71E-06	1.55E-02	2.05E-03	3.50E-02	4.61E-03	3.49E-02	4.59E-03	3.41E-02	4.49E-03	3.77E-02	4.98E-03	3.77E-02	4.98E-03	6.34E-02	8.34E-03	3.50E-02	4.61E-03	1.71E-04	2.37E-05	3.41E-02	4.49E-03	1.17E-04	1.62E-05	3.42E-02	4.49E-03	1.35E+00	2.00E-01	8.28E+00	3.69E-01
3368 Gridded	2.65E-02	3.83E-03	1.61E-05	2.08E-06	1.25E-02	1.79E-03	2.76E-02	3.97E-03	2.74E-02	3.95E-03	2.64E-02	3.83E-03	3.11E-02	4.43E-03	3.11E-02	4.43E-03	4.91E-02	7.11E-03	2.76E-02	3.97E-03	2.23E-04	2.89E-05	2.65E-02	3.83E-03	1.53E-04	1.98E-05	2.65E-02	3.84E-03	9.58E-01	1.82E-01	6.40E+00	2.84E-01
3369 Gridded	2.30E-02	3.23E-03	1.78E-05	2.33E-06	1.08E-02	1.55E-03	2.39E-02	3.39E-03	2.38E-02	3.37E-03	2.30E-02	3.22E-03	2.67E-02	3.90E-03	2.67E-02	3.90E-03	4.27E-02	5.99E-03	2.39E-02	3.39E-03	2.47E-04	3.23E-05	2.30E-02	3.23E-03	1.69E-04	2.21E-05	2.31E-02	3.23E-03	1.02E+00	1.67E-01	3.81E+00	1.87E-01
3370 Gridded	2.04E-02	2.72E-03	1.75E-05	2.45E-06	9.88E-03	1.34E-03	2.15E-02	2.89E-03	2.13E-02	2.87E-03	2.03E-02	2.72E-03	2.50E-02	3.43E-03	2.50E-02	3.43E-03	3.77E-02	5.05E-03	2.15E-02	2.89E-03	2.43E-04	3.40E-05	2.03E-02	2.72E-03	1.66E-04	2.33E-05	2.04E-02	2.73E-03	1.30E+00	1.57E-01	1.83E+00	1.87E-01
3371 Gridded	1.92E-02	2.49E-03	1.90E-05	2.51E-06	9.56E-03	1.24E-03	2.05E-02	2.66E-03	2.03E-02	2.63E-03	1.91E-02	2.48E-03	2.46E-02	3.21E-03	2.46E-02	3.21E-03	3.55E-02	4.61E-03	2.05E-02	2.66E-03	2.63E-04	3.48E-05	1.92E-02	2.48E-03	1.80E-04	2.38E-05	1.92E-02	2.49E-03	1.46E+00	1.61E-01	1.52E+00	1.89E-01
3372 Gridded	1.75E-02	2.28E-03	1.95E-05	2.39E-06	8.89E-03	1.15E-03	1.88E-02	2.44E-03	1.87E-02	2.42E-03	1.74E-02	2.27E-03	2.31E-02	2.97E-03	2.31E-02	2.97E-03	3.25E-02	4.23E-03	1.88E-02	2.44E-03	2.70E-04	3.31E-05	1.75E-02	2.28E-03	1.85E-04	2.27E-05	1.75E-02	2.28E-03	1.48E+00	1.71E-01	1.62E+00	1.91E-01
3373 Gridded	1.52E-02	2.04E-03	1.86E-05	2.20E-06	7.82E-03	1.03E-03	1.64E-02	2.19E-03	1.63E-02	2.17E-03	1.51E-02	2.03E-03	2.05E-02	2.67E-03	2.05E-02	2.67E-03	2.81E-02	3.78E-03	1.64E-02	2.19E-03	2.59E-04	3.05E-05	1.52E-02	2.04E-03	1.77E-04	2.09E-05	1.52E-02	2.04E-03	1.39E+00	1.73E-01	1.56E+00	1.94E-01
3374 Gridded	1.29E-02	1.80E-03	1.70E-05	1.96E-06	6.67E-03	9.08E-04	1.39E-02	1.93E-03	1.37E-02	1.91E-03	1.29E-02	1.79E-03	1.76E-02	2.36E-03	1.76E-02	2.36E-03	2.39E-02	3.33E-03	1.39E-02	1.93E-03	2.36E-04	2.72E-05	1.29E-02	1.79E-03	1.61E-04	1.86E-05	1.29E-02	1.80E-03	1.29E+00	1.65E-01	1.43E+00	1.93E-01
3375 Gridded	7.76E-03	1.91E-03	1.03E-05	2.61E-06	4.05E-03	1.00E-03	8.45E-03	2.09E-03	8.36E-03	2.06E-03	7.72E-03	1.90E-03	1.07E-02	2.66E-03	1.07E-02	2.66E-03	1.44E-02	3.54E-03	8.45E-03	2.09E-03	1.42E-04	3.62E-05	7.75E-03	1.91E-03	9.75E-05	2.47E-05	7.77E-03	1.91E-03	7.16E-01	1.72E-01	1.39E+00	1.78E-01
3376 Gridded	8.00E-03	1.92E-03	1.09E-05	2.57E-06	4.14E-03	1.00E-03	8.68E-03	2.09E-03	8.59E-03	2.07E-03	7.97E-03	1.91E-03	1.09E-02	2.65E-03	1.09E-02	2.65E-03	1.48E-02	3.55E-03	8.68E-03	2.09E-03	1.51E-04	3.57E-05	7.99E-03	1.91E-03	1.03E-04	2.44E-05	8.01E-03	1.92E-03	7.28E-01	1.71E-01	1.32E+00	1.82E-01
3377 Gridded	8.05E-03	1.87E-03	1.11E-05	2.48E-06	4.11E-03	9.78E-04	8.69E-03	2.04E-03	8.60E-03	2.02E-03	8.02E-03	1.86E-03	1.07E-02	2.58E-03	1.07E-02	2.58E-03	1.49E-02	3.47E-03	8.69E-03	2.04E-03	1.54E-04	3.43E-05	8.04E-03	1.87E-03	1.05E-04	2.35E-05	8.06E-03	1.88E-03	7.30E-01	1.63E-01	1.18E+00	1.97E-01
3378 Gridded	7.78E-03	1.77E-03	1.09E-05	2.33E-06	3.93E-03	9.22E-04	8.35E-03	1.92E-03	8.27E-03	1.90E-03	7.75E-03	1.76E-03	1.02E-02	2.43E-03	1.02E-02	2.43E-03	1.44E-02	3.27E-03	8.35E-03	1.92E-03	1.52E-04	3.23E-05	7.77E-03	1.76E-03	1.04E-04	2.21E-05	7.78E-03	1.77E-03	7.60E-01	1.61E-01	9.68E-01	2.04E-01
3379 Gridded	7.33E-03	1.61E-03	9.95E-06	2.08E-06	3.63E-03	8.37E-04	7.80E-03	1.75E-03	7.73E-03	1.73E-03	7.30E-03	1.60E-03	9.31E-03	2.20E-03	9.31E-03	2.20E-03	1.36E-02	2.98E-03	7.80E-03	1.75E-03	1.38E-04	2.88E-05	7.32E-03	1.61E-03	9.45E-05	1.97E-05	7.34E-03	1.61E-03	7.67E-01	1.72E-01	8.27E-01	2.15E-01
3380 Gridded	6.36E-03	1.37E-03	9.53E-06	1.75E-06	3.14E-03	7.10E-04	6.70E-03	1.49E-03	6.65E-03	1.47E-03	6.34E-03	1.36E-03	8.19E-03	1.87E-03	8.19E-03	1.87E-03	1.18E-02	2.54E-03	6.70E-03	1.49E-03	1.32E-04	2.43E-05	6.35E-03	1.37E-03	9.05E-05	1.66E-05	6.36E-03	1.37E-03	7.55E-01	1.85E-01	8.63E-01	2.25E-01
3381 Gridded	6.08E-03	1.08E-03	9.68E-06	1.77E-06	3.08E-03	5.60E-04	6.54E-03	1.17E-03	6.47E-03	1.16E-03	6.06E-03	1.07E-03	8.02E-03	1.48E-03	8.02E-03	1.48E-03	1.13E-02	2.00E-03	6.54E-03	1.17E-03	1.34E-04	2.46E-05	6.07E-03	1.08E-03	9.19E-05	1.68E-05	6.09E-03	1.08E-03	6.99E-01	1.96E-01	8.52E-01	2.13E-01
3382 Gridded	5.55E-03	8.74E-04	1.20E-05	1.69E-06	2.87E-03	4.80E-04	5.97E-03	9.56E-04	5.90E-03	9.40E-04	5.53E-03	8.70E-04	7.60E-03	1.33E-03	7.60E-03	1.33E-03	1.03E-02	1.62E-03	5.97E-03	9.56E-04	1.66E-04	2.34E-05	5.54E-03	8.72E-04	1.14E-04	1.60E-05	5.55E-03	8.75E-04	7.47E-01	2.25E-01	8.53E-01	2.17E-01
3383 Gridded	6.01E-03	8.92E-04	1.37E-05	1.60E-06	3.09E-03	4.83E-04	6.50E-03	9.86E-04	6.43E-03	9.72E-04	5.98E-03	8.88E-04	8.09E-03	1.30E-03	8.09E-03	1.30E-03	1.11E-02	1.65E-03	6.50E-03	9.86E-04	1.90E-04	2.22E-05	6.00E-03	8.90E-04	1.30E-04	1.52E-05	6.02E-03	8.93E-04	7.97E-01	2.24E-01	8.66E-01	2.03E-01
3384 Gridded	6.48E-03	9.14E-04	1.16E-05	1.49E-06	3.30E-03	4.66E-04	6.94E-03	9.82E-04	6.87E-03	9.72E-04	6.46E-03	9.10E-04	9.13E-03	1.23E-03	9.13E-03	1.23E-03	1.20E-02	1.69E-03	6.94E-03	9.82E-04	1.61E-04	2.06E-05	6.47E-03	9.12E-04	1.10E-04	1.41E-05	6.49E-03	9.15E-04	8.28E-01	2.10E-01	1.58E+00	1.86E-01
3385 Gridded	9.26E-03	9.35E-04	9.19E-06	1.40E-06	4.45E-03	4.49E-04	9.72E-03	9.74E-04	9.65E-03	9.68E-04	9.24E-03	9.33E-04	1.12E-02	1.19E-03	1.12E-02	1.19E-03	1.72E-02	1.73E-03	9.72E-03	9.74E-04	1.27E-04	1.94E-05	9.25E-03	9.34E-04	8.72E-05	1.32E-05	9.27E-03	9.35E-04	8.76E-01	1.92E-01	2.13E+00	2.05E-01
3386 Gridded	1.28E-02	9.60E-04	1.03E-05	1.48E-06	5.62E-03	4.65E-04	1.29E-02	1.01E-03	1.29E-02	1.00E-03	1.27E-02	9.58E-04	1.34E-02	1.18E-03	1.34E-02	1.18E-03	2.37E-02	1.78E-03	1.29E-02	1.01E-03	1.43E-04	2.05E-05	1.28E-02	9.59E-04	9.78E-05	1.40E-05	1.28E-02	9.61E-04	9.02E-01	2.01E-01	1.80E+00	2.42E-01
3387 Gridded	1.62E-02	2.05E-03	1.34E-05	2.07E-06	6.95E-03	9.10E-04	1.62E-02	2.08E-03	1.62E-02	2.08E-03	1.62E-02	2.05E-03	1.62E-02	2.18E-03	1.62E-02	2.18E-03	3.01E-02	3.81E-03	1.62E-02	2.08E-03	1.85E-04	2.87E-05	1.62E-02	2.05E-03	1.27E-04	1.96E-05	1.62E-02	2.05E-03	9.43E-01	2.68E-01	9.77E-01	2.28E-01
3388 Gridded	2.06E-02	2.96E-03	1.73E-05	1.65E-06	8.94E-03	1.36E-03	2.07E-02	3.03E-03	2.07E-02	3.02E-03	2.06E-02	2.95E-03	2.10E-02	3.33E-03	2.10E-02	3.33E-03	3.82E-02	5.49E-03	2.07E-02	3.03E-03	2.40E-04	2.28E-05	2.06E-02	2.95E-03	1.64E-04	1.56E-05	2.06E-02	2.96E-03	1.21E+00	3.10E-01	1.09E+00	1.54E-01
3389 Gridded	3.90E-02	5.40E-03	2.14E-05	2.05E-06	1.68E-02	2.35E-03	3.91E-02	5.43E-03	3.90E-02	5.43E-03	3.90E-02	5.40E-03	3.93E-02	5.52E-03	3.93E-02	5.52E-03	7.24E-02	1.00E-02	3.91E-02	5.43E-03	2.97E-04	2.85E-05	3.90E-02	5.40E-03	2.03E-04	1.95E-05	3.90E-02	5.40E-03	1.28E+00	2.22E-01	1.62E+00	1.79E-01
3390 Gridded	6.53E-02	8.40E-03	1.24E-05	1.08E-06	2.80E-02	3.63E-03	6.53E-02	8.43E-03	6.53E-02	8.42E-03	6.53E-02	8.39E-03	6.53E-02	8.52E-03	6.53E-02	8.52E-03	1.21E-01	1.56E-02	6.53E-02	8.43E-03	1.73E-04	1.50E-05	6.53E-02	8.40E-03	1.18E-04	1.03E-05	6.53E-02	8.40E-03	1.68E+00	2.69E-01	1.38E+00	1.52E-01
3391 Gridded	9.46E-03	8.85E-04	8.88E-06	1.13E-06	4.05E-03	4.59E-04	9.46E-03	9.62E-04	9.46E-03	9.51E-04	9.46E-03	8.81E-04	9.77E-03	1.21E-03	9.77E-03	1.21E-03	1.76E-02	1.64E-03	9.46E-03	9.62E-04	1.23E-04	1.57E-05	9.46E-03	8.84E-04	8.43E-05	1.08E-05	9.46E-03	8.86E-04	1.08E+00	2.12E-01	1.52E+00	1.15E-01
3392 Gridded	4.19E-02	8.32E-03	9.74E-06	9.58E-07	1.79E-02	3.60E-03	4.19E-02	8.35E-03	4.19E-02	8.35E-03	4.19E-02	8.32E-03	4.19E-02	8.47E-03	4.19E-02	8.47E-03	7.77E-02	1.54E-02	4.19E-02	8.35E-03	1.35E-04	1.33E-05	4.19E-02	8.32E-03	9.24E-05	9.09E-06	4.19E-02	8.32E-03	1.68E+00	3.44E-01	1.64E+00	9.50E-02
3393 Gridded	3.79E-02	3.37E-03	1.03E-05	1.46E-06	1.63E-02	1.46E-03	3.79E-02	3.39E-03	3.79E-02	3.38E-03	3.79E-02	3.37E-03	3.81E-02	3.43E-03	3.81E-02	3.43E-03	7.03E-02	6.26E-03	3.79E-02	3.39E-03	1.43E-04	2.02E-05	3.79E-02	3.37E-03	9.77E-05	1.38E-05	3.79E-02	3.37E-03	1.42E+00	1.58E-01	1.72E+00	1.18E-01
3394 Gridded	5.25E-02	9.93E-03	9.47E-06	1.52E-06	2.26E-02	4.27E-03	5.26E-02	9.94E-03	5.26E-02	9.94E-03	5.25E-02	9.93E-03	5.29E-02	9.97E-03	5.29E-02	9.97E-03	9.74E-02	1.84E-02	5.26E-02	9.94E-03	1.31E-04	2.10E-05	5.25E-02	9.93E-03	8.99E-05	1.44E-05	5.25E-02	9.93E-03	1.49E+00	2.88E-01	1.76E+00	9.80E-02
3395 Gridded	2.50E-02	3.01E-03	9.27E-06	1.55E-06	1.07E-02	1.29E-03	2.50E-02	3.01E-03	2.50E-02	3.01E-03	2.50E-02	3.01E-03	2.52E-02	3.02E-03	2.52E-02	3.02E-03	4.64E-02	5.58E-03	2.50E-02	3.01E-03	1.29E-04	2.14E-05	2.50E-02	3.01E-03	8.79E-05	1.47E-05	2.50E-02	3.01E-03	4.08E+00	2.43E-01	3.93E+00	2.16E-01
3396 Gridded	1.57E-02	2.63E-03	8.20E-06	1.30E-06	6.77E-03	1.13E-03	1.57E-02	2.63E-03	1.57E-02	2.63E-03	1.57E-02	2.63E-03	1.59E-02	2.64E-03	1.59E-02	2.64E-03	2.91E-02	4.88E-03	1.57E-02	2.63E-03	1.14E-04	1.81E-05	1.57E-02	2.63E-03	7.78E-05	1.24E-05	1.57E-02	2.63E-03	3.72E+00	1.73E-01	7.64E+00	3.59E-01
3397 Gridded	1.86E-02	1.73E-03	8.28E-06	1.13E-06	8.18E-03	7.50E-04	1.88E-02	1.74E-03	1.88E-02	1.74E-03	1.86E-02	1.73E-03	1.94E-02	1.85E-03	1.94E-02	1.85E-03	3.46E-02	3.22E-03	1.88E-02	1.74E-03	1.15E-04	1.57E-05	1.86E-02	1.73E-03	7.86E-05	1.07E-05	1.86E-02	1.73E-03	2.03E+00	2.16E-01	6.31E+00	2.84E-01
3398 Gridded	1.80E-02	1.96E-03	8.23E-06	1.08E-06	8.11E-03	8.81E-04	1.84E-02	2.00E-03	1.83E-02	1.99E-03	1.80E-02	1.96E-03	1.96E-02	2.13E-03	1.96E-02	2.13E-03	3.34E-02	3.64E-03	1.84E-02	2.00E-03	1.14E-04	1.49E-05	1.80E-02	1.96E-03	7.81E-05	1.02E-05	1.80E-02	1.96E-03	1.91E+00	2.59E-01	7.45E+00	3.47E-01

Scenario 4 Results

3399 Gridded	2.06E-02	2.15E-03	1.06E-05	1.05E-06	9.57E-03	9.93E-04	2.13E-02	2.22E-03	2.12E-02	2.21E-03	2.05E-02	2.14E-03	2.36E-02	2.44E-03	2.36E-02	2.44E-03	3.82E-02	3.98E-03	2.13E-02	2.22E-03	1.48E-04	1.45E-05	2.06E-02	2.14E-03	1.01E-04	9.95E-06	2.06E-02	2.15E-03	1.75E+00	2.23E-01	8.90E+00	4.00E-01
3400 Gridded	1.86E-02	2.15E-03	1.46E-05	1.44E-06	9.00E-03	1.03E-03	1.96E-02	2.25E-03	1.94E-02	2.24E-03	1.85E-02	2.15E-03	2.28E-02	2.57E-03	2.28E-02	2.57E-03	3.45E-02	3.99E-03	1.96E-02	2.25E-03	2.03E-04	2.00E-05	1.86E-02	2.15E-03	1.39E-04	1.37E-05	1.86E-02	2.16E-03	1.25E+00	1.82E-01	7.64E+00	3.38E-01
3401 Gridded	1.70E-02	2.16E-03	1.58E-05	1.77E-06	8.18E-03	1.05E-03	1.79E-02	2.28E-03	1.78E-02	2.26E-03	1.70E-02	2.15E-03	2.06E-02	2.67E-03	2.06E-02	2.67E-03	3.16E-02	4.00E-03	1.79E-02	2.28E-03	2.19E-04	2.46E-05	1.70E-02	2.16E-03	1.50E-04	1.68E-05	1.70E-02	2.16E-03	8.33E-01	1.59E-01	5.13E+00	2.26E-01
3402 Gridded	1.84E-02	2.29E-03	1.63E-05	2.04E-06	9.04E-03	1.13E-03	1.95E-02	2.43E-03	1.94E-02	2.41E-03	1.83E-02	2.28E-03	2.31E-02	2.87E-03	2.31E-02	2.87E-03	3.41E-02	4.24E-03	1.95E-02	2.43E-03	2.27E-04	2.83E-05	1.84E-02	2.29E-03	1.55E-04	1.94E-05	1.84E-02	2.29E-03	8.79E-01	1.54E-01	3.07E+00	1.83E-01
3403 Gridded	1.78E-02	2.32E-03	1.81E-05	2.16E-06	8.92E-03	1.15E-03	1.90E-02	2.47E-03	1.89E-02	2.45E-03	1.78E-02	2.32E-03	2.30E-02	2.94E-03	2.30E-02	2.94E-03	3.30E-02	4.31E-03	1.90E-02	2.47E-03	2.51E-04	2.99E-05	1.78E-02	2.32E-03	1.72E-04	2.05E-05	1.78E-02	2.33E-03	1.09E+00	1.55E-01	1.69E+00	1.81E-01
3404 Gridded	1.62E-02	2.23E-03	1.79E-05	2.14E-06	7.95E-03	1.10E-03	1.71E-02	2.37E-03	1.70E-02	2.35E-03	1.62E-02	2.22E-03	2.07E-02	2.84E-03	2.07E-02	2.84E-03	3.01E-02	4.12E-03	1.71E-02	2.37E-03	2.48E-04	2.96E-05	1.62E-02	2.22E-03	1.69E-04	2.03E-05	1.62E-02	2.23E-03	1.21E+00	1.58E-01	1.77E+00	1.77E-01
3405 Gridded	1.65E-02	2.08E-03	1.63E-05	2.03E-06	8.06E-03	1.03E-03	1.74E-02	2.22E-03	1.73E-02	2.20E-03	1.64E-02	2.07E-03	2.05E-02	2.66E-03	2.05E-02	2.66E-03	3.06E-02	3.85E-03	1.74E-02	2.22E-03	2.26E-04	2.82E-05	1.65E-02	2.08E-03	1.54E-04	1.93E-05	1.65E-02	2.08E-03	1.27E+00	1.60E-01	1.77E+00	1.73E-01
3406 Gridded	7.58E-03	1.70E-03	1.09E-05	2.09E-06	3.76E-03	8.77E-04	8.07E-03	1.84E-03	8.00E-03	1.82E-03	7.55E-03	1.69E-03	9.66E-03	2.30E-03	9.66E-03	2.30E-03	1.40E-02	3.15E-03	8.07E-03	1.84E-03	1.51E-04	2.89E-05	7.57E-03	1.70E-03	1.03E-04	1.98E-05	7.59E-03	1.70E-03	7.43E-01	1.57E-01	9.38E-01	1.97E-01
3407 Gridded	7.35E-03	1.66E-03	1.07E-05	1.97E-06	3.60E-03	8.51E-04	7.78E-03	1.79E-03	7.72E-03	1.78E-03	7.32E-03	1.65E-03	9.26E-03	2.23E-03	9.26E-03	2.23E-03	1.36E-02	3.08E-03	7.78E-03	1.79E-03	1.48E-04	2.74E-05	7.34E-03	1.66E-03	1.01E-04	1.87E-05	7.35E-03	1.66E-03	7.77E-01	1.59E-01	8.40E-01	2.23E-01
3408 Gridded	6.75E-03	1.55E-03	9.70E-06	1.77E-06	3.27E-03	7.92E-04	7.11E-03	1.67E-03	7.06E-03	1.66E-03	6.73E-03	1.55E-03	8.70E-03	2.06E-03	8.70E-03	2.06E-03	1.25E-02	2.88E-03	7.11E-03	1.67E-03	1.35E-04	2.46E-05	6.74E-03	1.55E-03	9.20E-05	1.68E-05	6.75E-03	1.56E-03	7.80E-01	1.64E-01	7.96E-01	2.38E-01
3409 Gridded	6.29E-03	1.41E-03	9.17E-06	1.80E-06	3.26E-03	7.16E-04	6.83E-03	1.52E-03	6.75E-03	1.50E-03	6.26E-03	1.41E-03	8.57E-03	1.86E-03	8.57E-03	1.86E-03	1.16E-02	2.62E-03	6.83E-03	1.52E-03	1.27E-04	2.50E-05	6.28E-03	1.41E-03	8.70E-05	1.71E-05	6.29E-03	1.42E-03	7.90E-01	1.86E-01	8.24E-01	2.50E-01
3410 Gridded	6.60E-03	1.22E-03	9.54E-06	1.78E-06	3.33E-03	6.12E-04	7.07E-03	1.31E-03	7.01E-03	1.29E-03	6.57E-03	1.22E-03	8.62E-03	1.59E-03	8.62E-03	1.59E-03	1.22E-02	2.26E-03	7.07E-03	1.31E-03	1.32E-04	2.46E-05	6.59E-03	1.22E-03	9.05E-05	1.68E-05	6.60E-03	1.22E-03	7.73E-01	2.21E-01	8.13E-01	2.47E-01
3411 Gridded	6.34E-03	1.06E-03	1.23E-05	1.79E-06	3.11E-03	5.63E-04	6.70E-03	1.16E-03	6.65E-03	1.15E-03	6.32E-03	1.05E-03	8.37E-03	1.51E-03	8.37E-03	1.51E-03	1.17E-02	1.95E-03	6.70E-03	1.16E-03	1.70E-04	2.49E-05	6.33E-03	1.05E-03	1.17E-04	1.70E-05	6.34E-03	1.06E-03	7.66E-01	2.43E-01	7.99E-01	2.21E-01
3412 Gridded	5.50E-03	9.64E-04	1.49E-05	1.89E-06	2.95E-03	5.19E-04	6.06E-03	1.05E-03	5.98E-03	1.04E-03	5.47E-03	9.59E-04	8.44E-03	1.41E-03	8.44E-03	1.41E-03	1.02E-02	1.78E-03	6.06E-03	1.05E-03	2.07E-04	2.62E-05	5.49E-03	9.62E-04	1.41E-04	1.79E-05	5.50E-03	9.65E-04	7.77E-01	2.44E-01	7.83E-01	2.06E-01
3413 Gridded	5.85E-03	8.75E-04	1.51E-05	1.87E-06	3.37E-03	4.74E-04	6.39E-03	9.70E-04	6.25E-03	9.57E-04	5.83E-03	8.70E-04	9.69E-03	1.28E-03	9.69E-03	1.28E-03	1.08E-02	1.62E-03	6.39E-03	9.70E-04	2.09E-04	2.60E-05	5.84E-03	8.73E-04	1.43E-04	1.78E-05	5.86E-03	8.77E-04	8.03E-01	2.10E-01	1.10E+00	1.90E-01
3414 Gridded	7.46E-03	8.59E-04	1.21E-05	1.72E-06	4.06E-03	4.81E-04	8.28E-03	9.56E-04	8.17E-03	9.39E-04	7.42E-03	8.55E-04	1.09E-02	1.33E-03	1.09E-02	1.33E-03	1.38E-02	1.59E-03	8.28E-03	9.56E-04	1.68E-04	2.39E-05	7.44E-03	8.58E-04	1.15E-04	1.64E-05	7.47E-03	8.60E-04	9.08E-01	1.99E-01	1.77E+00	1.94E-01
3415 Gridded	9.49E-03	9.10E-04	1.14E-05	1.42E-06	4.50E-03	4.89E-04	9.91E-03	1.00E-03	9.85E-03	9.91E-04	9.47E-03	9.05E-04	1.13E-02	1.31E-03	1.13E-02	1.31E-03	1.76E-02	1.68E-03	9.91E-03	1.00E-03	1.58E-04	1.96E-05	9.48E-03	9.08E-04	1.08E-04	1.34E-05	9.50E-03	9.11E-04	8.95E-01	1.87E-01	2.28E+00	2.07E-01
3416 Gridded	9.74E-03	9.36E-04	1.06E-05	1.62E-06	4.28E-03	4.79E-04	9.84E-03	1.01E-03	9.83E-03	9.99E-04	9.73E-03	9.31E-04	1.04E-02	1.25E-03	1.04E-02	1.25E-03	1.81E-02	1.73E-03	9.84E-03	1.01E-03	1.47E-04	2.24E-05	9.74E-03	9.34E-04	1.01E-04	1.53E-05	9.74E-03	9.36E-04	8.99E-01	2.06E-01	2.01E+00	2.50E-01
3417 Gridded	1.26E-02	1.35E-03	1.10E-05	2.00E-06	5.55E-03	6.56E-04	1.27E-02	1.38E-03	1.27E-02	1.37E-03	1.25E-02	1.35E-03	1.33E-02	1.74E-03	1.33E-02	1.74E-03	2.33E-02	2.50E-03	1.27E-02	1.38E-03	1.52E-04	2.77E-05	1.26E-02	1.35E-03	1.04E-04	1.90E-05	1.26E-02	1.35E-03	9.75E-01	2.69E-01	1.06E+00	2.53E-01
3418 Gridded	1.63E-02	2.40E-03	1.75E-05	1.86E-06	7.21E-03	1.13E-03	1.65E-02	2.48E-03	1.65E-02	2.47E-03	1.63E-02	2.39E-03	1.72E-02	2.83E-03	1.72E-02	2.83E-03	3.03E-02	4.45E-03	1.65E-02	2.48E-03	2.43E-04	2.58E-05	1.63E-02	2.40E-03	1.66E-04	1.76E-05	1.63E-02	2.40E-03	1.07E+00	3.46E-01	1.03E+00	2.22E-01
3419 Gridded	2.28E-02	3.89E-03	2.15E-05	1.65E-06	1.02E-02	1.72E-03	2.32E-02	3.94E-03	2.31E-02	3.93E-03	2.28E-02	3.89E-03	2.46E-02	4.10E-03	2.46E-02	4.10E-03	4.23E-02	7.22E-03	2.32E-02	3.94E-03	2.98E-04	2.29E-05	2.28E-02	3.89E-03	2.04E-04	1.56E-05	2.28E-02	3.89E-03	1.18E+00	2.66E-01	1.33E+00	1.74E-01
3420 Gridded	4.84E-02	5.98E-03	1.78E-05	1.77E-06	2.08E-02	2.68E-03	4.84E-02	6.09E-03	4.84E-02	6.08E-03	4.84E-02	5.97E-03	4.84E-02	6.47E-03	4.84E-02	6.47E-03	8.99E-02	1.11E-02	4.84E-02	6.09E-03	2.46E-04	2.46E-05	4.84E-02	5.98E-03	1.69E-04	1.68E-05	4.84E-02	5.98E-03	1.52E+00	2.95E-01	1.27E+00	2.43E-01
3421 Gridded	4.49E-02	2.78E-03	1.21E-05	1.12E-06	1.93E-02	1.22E-03	4.49E-02	2.81E-03	4.49E-02	2.80E-03	4.49E-02	2.78E-03	4.49E-02	2.90E-03	4.49E-02	2.90E-03	8.35E-02	5.16E-03	4.49E-02	2.81E-03	1.68E-04	1.55E-05	4.49E-02	2.78E-03	1.15E-04	1.06E-05	4.49E-02	2.78E-03	1.23E+00	2.00E-01	1.29E+00	1.53E-01
3422 Gridded	1.01E-02	1.01E-03	9.29E-06	1.20E-06	4.70E-03	4.75E-04	1.05E-02	1.01E-03	1.04E-02	1.01E-03	1.01E-02	1.01E-03	1.16E-02	1.25E-03	1.16E-02	1.25E-03	1.88E-02	1.87E-03	1.05E-02	1.01E-03	1.29E-04	1.66E-05	1.01E-02	1.01E-03	8.82E-05	1.14E-05	1.01E-02	1.01E-03	1.05E+00	2.30E-01	1.41E+00	1.52E-01
3423 Gridded	2.57E-02	4.56E-03	8.40E-06	8.85E-07	1.12E-02	2.02E-03	2.59E-02	4.62E-03	2.58E-02	4.61E-03	2.57E-02	4.56E-03	2.64E-02	4.81E-03	2.64E-02	4.81E-03	4.77E-02	8.46E-03	2.59E-02	4.62E-03	1.16E-04	1.23E-05	2.57E-02	4.56E-03	7.97E-05	8.40E-06	2.57E-02	4.56E-03	1.35E+00	2.70E-01	1.56E+00	1.14E-01
3424 Gridded	2.19E-02	3.23E-03	1.03E-05	1.07E-06	9.48E-03	1.39E-03	2.20E-02	3.24E-03	2.20E-02	3.24E-03	2.19E-02	3.23E-03	2.27E-02	3.24E-03	2.27E-02	3.24E-03	4.06E-02	6.01E-03	2.20E-02	3.24E-03	1.42E-04	1.48E-05	2.19E-02	3.23E-03	9.74E-05	1.01E-05	2.19E-02	3.23E-03	1.34E+00	2.21E-01	1.58E+00	1.50E-01
3425 Gridded	4.00E-02	5.54E-03	9.42E-06	1.44E-06	1.72E-02	2.40E-03	4.01E-02	5.56E-03	4.00E-02	5.56E-03	4.00E-02	5.54E-03	4.02E-02	5.63E-03	4.02E-02	5.63E-03	7.43E-02	1.03E-02	4.01E-02	5.56E-03	1.31E-04	2.00E-05	4.00E-02	5.54E-03	8.94E-05	1.37E-05	4.00E-02	5.54E-03	1.19E+00	1.39E-01	1.63E+00	1.19E-01
3426 Gridded	3.17E-02	4.77E-03	8.34E-06	1.41E-06	1.37E-02	2.05E-03	3.18E-02	4.77E-03	3.18E-02	4.77E-03	3.17E-02	4.76E-03	3.22E-02	4.80E-03	3.22E-02	4.80E-03	5.89E-02	8.85E-03	3.18E-02	4.77E-03	1.16E-04	1.96E-05	3.17E-02	4.77E-03	7.91E-05	1.34E-05	3.17E-02	4.77E-03	3.00E+00	2.53E-01	2.16E+00	1.41E-01
3427 Gridded	1.15E-02	1.49E-03	9.23E-06	1.58E-06	5.56E-03	6.97E-04	1.21E-02	1.49E-03	1.20E-02	1.49E-03	1.14E-02	1.49E-03	1.41E-02	1.82E-03	1.41E-02	1.82E-03	2.12E-02	2.77E-03	1.21E-02	1.49E-03	1.28E-04	2.19E-05	1.14E-02	1.49E-03	8.75E-05	1.50E-05	1.15E-02	1.49E-03	4.83E+00	2.22E-01	5.58E+00	2.88E-01
3428 Gridded	9.57E-03	1.37E-03	9.81E-06	1.63E-06	4.54E-03	6.31E-04	9.76E-03	1.38E-03	9.68E-03	1.38E-03	9.57E-03	1.37E-03	1.16E-02	1.67E-03	1.16E-02	1.67E-03	1.78E-02	2.55E-03	9.76E-03	1.38E-03	1.36E-04	2.26E-05	9.57E-03	1.37E-03	9.31E-05	1.55E-05	9.57E-03	1.37E-03	3.69E+00	1.69E-01	6.45E+00	3.14E-01
3429 Gridded	8.65E-03	1.17E-03	1.09E-05	1.47E-06	4.45E-03	5.76E-04	9.32E-03	1.24E-03	9.22E-03	1.23E-03	8.63E-03	1.17E-03	1.17E-02	1.47E-03	1.17E-02	1.47E-03	1.60E-02	2.17E-03	9.32E-03	1.24E-03	1.51E-04	2.04E-05	8.64E-03	1.17E-03	1.03E-04	1.39E-05	8.66E-03	1.17E-03	2.03E+00	2.05E-01	4.31E+00	2.11E-01
3430 Gridded	1.02E-02	1.17E-03	9.13E-06	1.22E-06	4.77E-03	5.83E-04	1.06E-02	1.25E-03	1.06E-02	1.24E-03	1.02E-02	1.16E-03	1.18E-02	1.50E-03	1.18E-02	1.50E-03	1.90E-02	2.16E-03	1.06E-02	1.25E-03	1.27E-04	1.69E-05	1.02E-02	1.17E-03	8.67E-05	1.16E-05	1.03E-02	1.17E-03	1.92E+00	2.67E-01	6.87E+00	3.22E-01
3431 Gridded	1.14E-02	1.08E-03	9.55E-06	1.25E-06	5.51E-03	5.51E-04	1.20E-02	1.16E-03	1.19E-02	1.15E-03	1.14E-02	1.07E-03	1.39E-02	1.44E-03	1.39E-02	1.44E-03	2.11E-02	2.00E-03	1.20E-02	1.16E-03	1.32E-04	1.74E-05	1.14E-02	1.08E-03	9.06E-05	1.19E-05	1.14E-02	1.08E-03	1.88E+00	2.26E-01	8.58E+00	3.86E-01
3432 Gridded	1.19E-02	1.23E-03	1.16E-05	1.29E-06	5.79E-03	6.06E-04	1.26E-02	1.30E-03	1.25E-02	1.29E-03	1.19E-02	1.22E-03	1.47E-02	1.55E-03	1.47E-02	1.55E-03	2.21E-02	2.28E-03	1.26E-02	1.30E-03	1.61E-04	1.78E-05	1.19E-02	1.23E-03	1.10E-04	1.22E-05	1.19E-02	1.23E-03	1.48E+00	2.13E-01	7.99E+00	3.54E-01
3433 Gridded	1.55E-02	1.55E-03	1.41E-05	1.42E-06	7.63E-03	7.63E-04	1.64E-02	1.64E-03	1.63E-02	1.63E-03	1.54E-02	1.54E-03	1.95E-02	1.95E-03	1.95E-02	1.95E-03	2.87E-02	2.87E-03	1.64E-02	1.64E-03	1.96E-04	1.97E-05	1.55E-02	1.55E-03	1.34E-04	1.35E-05	1.55E-02	1.55E-03	1.03E+00	1.74E-01	6.12E+00	2.71E-01
3434 Gridded	1.59E-02	1.73E-03	1.63E-05	1.60E-06	7.98E-03	8.57E-04	1.70E-02	1.84E-03	1.69E-02	1.83E-03	1.59E-02	1.73E-03	2.06E-02	2.19E-03	2.06E-02	2.19E-03	2.95E-02	3.21E-03	1.70E-02	1.84E-03	2.27E-04	2.22E-05	1.59E-02	1.73E-03	1.55E-04	1.52E-05	1.59E-02	1.74E-03	8.95E-01	1.43E-01	4.04E+00	2.09E-01
3435 Gridded	1.44E-02	1.84E-03	1.67E-05	1.69E-06	7.27E-03	9.07E-04	1.54E-02	1.95E-03	1.53E-02	1.94E-03	1.44E-02	1.83E-03	1.89E-02	2.32E-03	1.89E-02	2.32E-03	2.68E-02	3.40E-03	1.54E-02	1.95E-03	2.31E-04	2.35E-05	1.44E-02	1.83E-03	1.58E-04	1.61E-05	1.45E-02	1.84E-03	9.21E-01	1.38E-01	2.39E+00	1.73E-01
3436 Gridded	1.57E-02	1.86E-03	1.72E-05	1.73E-06	7.67E-03	9.20E-04	1.66E-02	1.98E-03	1.65E-02	1.96E-03	1.56E-02	1.86E-03	1.96E-02	2.36E-03	1.96E-02	2.36E-03	2.90E-02	3.45E-03	1.66E-02	1.98E-03	2.39E-04	2.40E-05	1.56E-02	1.86E-03	1.64E-04	1.64E-05	1.57E-02	1.86E-03	8.98E-01	1.37E-01	1.67E+00	1.70E-01
3437 Gridded	6.73E-03	1.36E-03	1.22E-05	1.88E-06	3.49E-03	6.87E-04	7.31E-03	1.46E-03	7.23E-03	1.44E-03	6.70E-03	1.35E-03	9.18E-03	1.78E-03	9.18E-03	1.78E-03	1.25E-02	2.52E-03	7.31E-03	1.46E-03	1.69E-04	2.61E-05	6.72E-03	1.36E-03	1.15E-04	1.78E-05	6.74E-03	1.36E-03	7.89E-01	1.72E-01	8.23E-01	2.60E-01
3438 Gridded	7.05E-03	1.29E-03	1.15E-05	1.92E-06	3.56E-03	6.88E-04	7.57E-03	1.42E-03	7.49E-03	1.40E-03	7.02E-03	1.28E-03	9.25E-03	1.84E-03	9.25E-03	1.84E-03	1.31E-02	2.39E-03	7.57E-03	1.42E-03	1.59E-04	2.66E-05	7.04E-03	1.29E-03	1.09E-04	1.82E-05	7.05E-03	1.29E-03	8.11E-01	2.03E-01	8.84E-01	2.70E-01
3439 Gridded	7.24E-03	1.33E-03	1.03E-05	1.86E-06	3.59E-03	6.99E-04	7.70E-03	1.45E-03	7.64E-03	1.43E-03	7.21E-03	1.32E-03	9.20E-03	1.86E-03	9.20E-03	1.86E-03	1.34E-02	2.45E-03	7.70E-03	1.45E-03	1.42E-04	2.57E-05	7.23E-03	1.32E-03	9.75E-05	1.76E-05	7.24E-03	1.33E-03	7.71E-01	2.30E-01	8.97E-01	2.63E-01
3440 Gridded	7.12E-03	1.32E-03	1.20E-05	1.84E-06	3.45E-03	6.88E-04	7.50E-03	1.44E-03	7.44E-03	1.42E-03	7.09E-03	1.32E-03	8.74E-03	1.81E-03	8.74E-03	1.81E-03	1.32E-02	2.45E-03	7.50E-03	1.44E-03	1.66E-04	2.56E-05	7.11E-03	1.32E-03	1.14E-04	1.75E-05	7.12E-03	1.32E-03	7.65E-01	2.49E-01	8.41E-01	2.41E-01
3441 Gridded	6.63E-03	1.29E-03	1.42E-05	2.00E-06	3.45E-03	6.61E-04	6.92E-03	1.39E-03	6.88E-03	1.38E-03	6.62E-03	1.28E-03	9.78E-03	1.73E-03	9.78E-03	1.73E-03	1.23E-02	2.39E-03	6.92E-03	1.39E-03	1.98E-04	2.77E-05	6.63E-03	1.29E-03	1.35E-04	1.89E-05	6.64E-03	1.29E-03	8.22E-01	2.58E-01	8.78E-01	2.06E-01
3442 Gridded	7.14E-03	1.18E-03	1.49E-05	2.03E-06	4.12E-03	5.97E-04	8.15E-03	1.26E-03	8.01E-03	1.25E-03	7.09E-03	1.17E-03	1.14E-02	1.64E-03	1.14E-02	1.64E-03	1.32E-02	2.18E-03	8.15E-03	1.26E-03	2.07E-04	2.81E-05	7.12E-03	1.18E-03	1.42E-04	1.92E-05	7.15E-03	1.18E-03	8.14E-01	2.40E-01	9.11E-01	1.99E-01
3443 Gridded	8.09E-03	1.05E-03	1.36E-05	1.92E-06	4.42E-03	5.84E-04	9.00E-03	1.18E-03	8.87E-03	1.16E-03	8.04E-03	1.05E-03	1.20E-02	1.59E-03	1.20E-02	1.59E-03	1.50E-02	1.95E-03	9.00E-03	1.18E-03	1.88E-04	2.66E-05	8.07E-03	1.05E-03	1.29E-04	1.82E-05	8.10E-03	1.05E-03	8.55E-01	1.91E-01	1.31E+00	1.95E-01
3444 Gridded	8.23E-03	9.64E-04	1.31E-05	1.77E-06	4.22E-03	5.39E-04	8.90E-03	1.08E-03	8.80E-03	1.07E-03	8.20E-03	9.58E-04	1.10E-02	1.47E-03	1.10E-02	1.47E-03	1.52E-02	1.78E-03	8.90E-03	1.08E-03	1.82E-04	2.46E-05	8.22E-03	9.62E-04	1.24E-04	1.68E-05	8.24E-03	9.66E-04	9.47E-01	1.87E-01	1.92E+00	2.01E-01
3445 Gridded	7.84E-03	9.55E-04	1.29E-05	1.69E-06	3.73E-03	5.16E-04	8.19E-03	1.06E-03	8.14E-03	1.04E-03	7.82E-03	9.50E-04	9.33E-03	1.39E-03	9.33E-03	1.39E-03	1.45E-02	1.77E-03	8.19E-03	1.06E-03	1.79E-04	2.35E-05	7.83E-03	9.53E-04	1.23E-04	1.61E-05	7.84E-03	9.56E-04	8.21E-01	1.87E-01	2.27E+00	2.00E-01
3446 Gridded	8.45E-03	9.42E-04	1.38E-05	2.00E-06	4.23E-03	4.85E-04	9.03E-03	1.02E-03	8.95E-03	1.01E-03	8.41E-03	9.37E-04	1.09E-02	1.27E-03	1.09E-02	1.27E-03	1.56E-02	1.74E-03	9.03E-03	1.02E-03	1.91E-04	2.78E-05	8.43E-03	9.40E-04	1.31E-04	1.90E-05	8.45E-03	9.42E-04	8.56E-01	2.01E-01	2.03E+00	2.44E-01
3447 Gridded	1.05E-02	1.37E-03	1.29E-05	2.10E-06	4.71E-03	7.12E-04	1.07E-02	1.49E-03	1.07E-02	1.47E-03	1.05E-02	1.36E-03	1.13E-02	1.88E-03	1.13E-02	1.88E-03	1.95E-02	2.53E-03	1.07E-02	1.49E-03	1.80E-04	2.91E-05	1.05E-02	1.36E-03	1.23E-04	1.99E-05	1.05E-02	1.37E-03	9.24E-01	2.54E-01	1.21E+00	2.61E-01
3448 Gridded	1.38E-02	2.13E-03	1.53E-05	1.83E-06	6.23E-03	1.03E-03	1.41E-02	2.24E-03	1.41E-02	2.22E-03	1.38E-02	2.12E-03	1.51E-02	2.63E-03	1.51E-02	2.63E-03	2.57E-02	3.95E-03	1.41E-02	2.24E-03	2.12E-04	2.54E-05	1.38E-02	2.13E-03	1.45E-04	1.74E-05	1.38E-02	2.13E-03	1.01E+00	3.46E-01	1.04E+00	2.72E-01
3449 Gridded	1.46E-02	3.01E-03	1.22E-05	1.18E-06	6.95E-03	1.36E-03	1.52E-02	3.07E-03	1.51E-02	3.06E-03	1.46E-02	3.00E-03	1.75E-02	3.29E-03	1.75E-02	3.29E-03	2.72E-02	5.58E-03	1.52E-02	3.07E-03	1.70E-04	1.64E-05	1.46E-02	3.00E-03	1.16E-04	1.12E-05	1.46E-02	3.01E-03	1.16E+00	3.47E-01	1.20E+00	1.92E-01
3450 Gridded	2.57E-02	3.97E-03	1.82E-05	1.89E-06	1.11E-02	1.72E-03	2.58E-02	3.99E-03	2.58E-02	3.99E-03	2.57E-02	3.97E-03	2.61E-02	4.04E-03	2.61E-02	4.04E-03	4.77E-02	7.37E-03	2.58E-02	3.99E-03	2.52E-04	2.62E-05	2.57E-02	3.97E-03	1.73E-04	1.79E-05	2.57E-02	3.97E-03	1.12E+00	2.37E-01	1.42E+00	2.36E-01
3451 Gridded	3.22E-02	3.33E-03	1.29E-05	1.46E-06	1.41E-02	1.51E-03	3.25E-02	3.41E-03	3.24E-02	3.40E-03	3.21E-02	3.33E-03	3.34E-02	3.68E-03	3.34E-02	3.68E-03	5.97E-02	6.19E-03	3.25E-02	3.41E-03	1.78E-04	2.02E-05	3.21E-02	3.33E-03	1.22E-04	1.38E-05	3.22E-02	3.33E-03	1.35E+00	3.01E-01	1.08E+00	2.59E-01
3452 Gridded	2.12E-02	1.58E-03	1.14E-05	1.07E-06	9.09E-03	7.03E-04	2.12E-02	1.60E-03	2.12E-02	1.60E-03	2.12E-02	1.58E-03	2.12E-02	1.70E-03	2.12E-02	1.70E-03	3.94E-02	2.93E-03	2.12E-02	1.60E-03	1.58E-04	1.49E-05	2.12E-02	1.58E-03	1.08E-04	1.02E-05	2.12E-02	1.58E-03	1.15E+00	2.27E-01	1.19E+00	1.76E-01
3453 Gridded	9.83E-03	1.01E-03	9.20E-06	1.14E-06	4.58E-03	4.56E-04	1.02E-02	1.02E-03	1.01E-02	1.02E-03	9.81E-03	1.01E-03	1.13E-02	1.20E-03	1.13E-02	1.20E-03	1.82E-02	1.88E-03	1.02E-02	1.02E-03	1.28E-04	1.59E-05	9.82E-03	1.01E-03	8.73E-05	1.09E-05	9.83E-03	1.01E-03	1.00E+00	2.75E-01	1.30E+00	1.81E-01
3454 Gridded	1.61E-02	2.41E-03	8.63E-06	1.06E-06	7.23E-03	1.11E-03	1.64E-02	2.49E-03	1.64E-02	2.48E-03	1.61E-02	2.41E-03	1.74E-02	2.72E-03	1.74E-02	2.72E-03	3.00E-02	4.48E-03	1.64E-02	2.49E-03	1.20E-04	1.47E-05	1.61E-02	2.41E-03	8.19E-05	1.01E-05	1.61E-02	2.42E-03	1.08E+00	2.74E-01	1.84E+00	1.37E-01
3455 Gridded	1.86E-02	2.97E-03	9.43E-06	9.25E-07	8.27E-03	1.31E-03	1.89E-02	3.00E-03	1.88E-02	3.00E-03	1.85E-02	2.97E-03	1.99E-02	3.11E-03	1.99E-02	3.11E-03	3.45E-02	5.51E-03	1.89E-02	3.00E-03	1.31E-04	1.28E-05	1.86E-02	2.97E-03	8.95E-05	8.77E-06	1.86E-02	2.97E-03	1.22E+00	2.40E-01	1.47E+00	1.68E-01
3456 Gridded	1.90E-02	1.17E-03	9.60E-06	1.21E-06	8.51E-03	5.35E-04	1.93E-02	1.20E-03	1.93E-02	1.19E-03	1.89E-02	1.16E-03	2.05E-02	1.31E-03	2.05E-02	1.31E-03	3.52E-02	2.16E-03	1.93E-02	1.20E-03	1.33E-04	1.68E-05	1.90E-02	1.16E-03	9.11E-05	1.15E-05	1.90E-02	1.17E-03	1.18E+00	1.72E-01	1.50E+00	1.51E-01
3457 Gridded	2.00E-02	4.06E-03	8.93E-06	1.49E-06	8.60E-03	1.76E-03	2.00E-02	4.08E-03	2.00E-02	4.08E-03	2.00E-02	4.06E-03	2.01E-02	4.15E-03	2.01E-02	4.15E-03	3.71E-02	7.54E-03	2.00E-02	4.08E-03	1.24E-04	2.07E-05	2.00E-02	4.06E-03	8.47E-05	1.42E-05	2.00E-02	4.06E-03	1.65E+00	1.77E-01	1.66E+00	1.30E-01
3458 Gridded	1.91E-02	2.51E-03	9.12E-06	1.56E-06	8.33E-03	1.09E-03	1.93E-02	2.52E-03	1.92E-02	2.52E-03	1.91E-02	2.51E-03	1.97E-02	2.56E-03	1.97E-02	2.56E-03	3.55E-02	4.66E-03	1.93E-02	2.52E-03	1.27E-04	2.16E-05	1.91E-02	2.51E-03	8.66E-05	1.48E-05	1.91E-02	2.51E-03	3.54E+00	2.41E-01	3.13E+00	1.93E-01
3459 Gridded	9.34E-03	1.24E-03	9.86E-06	1.82E-06	4.70E-03	6.60E-04	1.00E-02	1.36E-03	9.91E-03	1.35E-03	9.30E-03	1.23E-03	1.22E-02	1.76E-03	1.22E-02	1.76E-03	1.73E-02	2.30E-03	1.00E-02	1.36E-03	1.37E-04	2.52E-05	9.32E-03	1.24E-03	9.36E-05	1.73E-05	9.35E-03	1.24E-03	3.65E+00	1.90E-01	4.22E+00	2.42E-01
3460 Gridded	8.32E-03	1.17E-03	9.10E-06	1.81E-06	4.20E-03	6.28E-04	8.93E-03	1.29E-03	8.84E-03	1.27E-03	8.28E-03	1.16E-03	1.09E-02	1.69E-03	1.09E-02	1.69E-03	1.54E-02	2.16E-03	8.93E-03	1.29E-03	1.26E-04	2.51E-05	8.30E-03	1.17E-03	8.63E-05	1.72E-05	8.32E-03	1.17E-03	2.48E+00	1.40E-01	3.72E+00	2.07E-01
3461 Gridded	6.98E-03	9.62E-04	1.10E-05	1.64E-06	3.76E-03	5.28E-04	7.70E-03	1.07E-03	7.59E-03	1.06E-03	6.95E-03	9.56E-04	1.01E-02	1.43E-03	1.01E-02	1.43E-03	1.29E-02	1.78E-03	7.70E-03	1.07E-03	1.52E-04	2.28E-05	6.97E-03	9.59E-04	1.04E-04	1.56E-05	6.99E-03	9.63E-04	1.68E+00	1.77E-01	3.36E+00	1.78E-01
3462 Gridded	6.87E-03	9.54E-04	1.08E-05	1.42E-06	3.47E-03	4.97E-04	7.37E-03	1.04E-03	7.30E-03	1.03E-03	6.84E-03	9.49E-04	9.40E-03	1.31E-03	9.40E-03	1.31E-03	1.27E-02	1.77E-03	7.37E-03	1.04E-03	1.50E-04	1.96E-05	6.86E-03	9.52E-04	1.03E-04	1.34E-05	6.87E-03	9.55E-04	1.80E+00	2.50E-01	6.19E+00	2.93E-01
3463 Gridded	7.76E-03	1.02E-03	9.94E-06	1.38E-06	3.86E-03	5.34E-04	8.27E-03	1.11E-03	8.20E-03	1.10E-03	7.73E-03	1.01E-03	9.92E-03	1.41E-03	9.92E-03	1.41E-03	1.44E-02	1.89E-03	8.27E-03	1.11E-03	1.38E-04	1.92E-05	7.75E-03	1.02E-03	9.43E-05	1.31E-05	7.76E-03	1.02E-03	1.87E+00	2.47E-01	7.95E+00	3.62E-01
3464 Gridded	1.09E-02	1.13E-03	1.15E-05	1.43E-06	5.43E-03	5.84E-04	1.16E-02	1.22E-03	1.15E-02	1.21E-03	1.08E-02	1.12E-03	1.40E-02	1.54E-03	1.40E-02	1.54E-03	2.01E-02	2.09E-03	1.16E-02	1.22E-03	1.60E-04	1.98E-05	1.09E-02	1.13E-03	1.09E-04	1.36E-05	1.09E-02	1.13E-03	1.60E+00	2.25E-01	7.78E+00	3.50E-01
3465 Gridded	1.14E-02	1.19E-03	1.49E-05	1.42E-06	5.73E-03	5.95E-04	1.22E-02	1.27E-03	1.21E-02	1.26E-03	1.13E-02	1.19E-03	1.48E-02	1.55E-03	1.48E-02	1.55E-03	2.11E-02	2.21E-03	1.22E-02	1.27E-03	2.06E-04	1.97E-05	1.14E-02	1.19E-03	1.41E-04	1.35E-05	1.14E-02	1.19E-03	1.18E+00	2.07E-01	6.34E+00	2.83E-01
3466 Gridded	1.33E-02	1.35E-03	1.51E-05	1.36E-06	6.53E-03	6.72E-04	1.41E-02	1.44E-03	1.40E-02	1.43E-03	1.33E-02	1.34E-03	1.67E-02	1.73E-03	1.67E-02	1.73E-03	2.47E-02	2.50E-03	1.41E-02	1.44E-03	2.09E-04	1.89E-05	1.33E-02	1.35E-03	1.43E-04	1.29E-05	1.33E-02	1.35E-03	8.47E-01	1.61E-01	4.57E+00	2.40E-01
3467 Gridded	1.45E-02	1.43E-03	1.37E-05	1.40E-06	7.19E-03	7.12E-04	1.54E-02	1.53E-03	1.53E-02	1.51E-03	1.45E-02	1.43E-03	1.84E-02	1.83E-03	1.84E-02	1.83E-03	2.69E-02	2.65E-03	1.54E-02	1.53E-03	1.90E-04	1.94E-05	1.45E-02	1.43E-03	1.30E-04	1.33E-05	1.45E-02	1.43E-03	9.14E-01	1.28E-01	2.92E+00	2.15E-01
3468 Gridded	7.88E-03	1.44E-03	1.04E-05	1.84E-06	4.08E-03	7.47E-04	8.55E-03	1.56E-03	8.46E-03	1.55E-03	7.84E-03	1.43E-03	1.07E-02	1.97E-03	1.07E-02	1.97E-03	1.46E-02	2.67E-03	8.55E-03	1.56E-03	1.44E-04	2.55E-05	7.86E-03	1.44E-03	9.85E-05	1.75E-05	7.89E-03	1.44E-03	7.69E-01	2.34E-01	9.56E-01	2.74E-01
3469 Gridded	7.36E-03	1.45E-03	1.09E-05	1.86E-06	3.64E-03	7.43E-04	7.83E-03	1.56E-03	7.76E-03	1.55E-03	7.33E-03	1.44E-03	9.35E-03	1.95E-03	9.35E-03	1.95E-03	1.36E-02	2.68E-03	7.83E-03	1.56E-03	1.52E-04	2.58E-05	7.35E-03	1.44E-03	1.04E-04	1.77E-05	7.36E-03	1.45E-03	7.61E-01	2.50E-01	9.32E-01	2.57E-01
3470 Gridded	6.30E-03	1.41E-03	1.26E-05	2.01E-06	3.46E-03	7.13E-04	6.84E-03	1.51E-03	6.72E-03	1.50E-03	6.27E-03	1.40E-03	9.59E-03	1.86E-03	9.59E-03	1.86E-03	1.17E-02	2.60E-03	6.84E-03	1.51E-03	1.74E-04	2.79E-05	6.29E-03	1.40E-03	1.19E-04	1.91E-05	6.31E-03	1.41E-03	7.83E-01	2.52E-01	8.79E-01	2.23E-01
3471 Gridded	7.43E-03	1.32E-03	1.35E-05	2.06E-06	4.14E-03	6.61E-04	8.34E-03	1.41E-03	8.21E-03	1.39E-03	7.38E-03	1.31E-03	1.13E-02	1.79E-03	1.13E-02	1.79E-03	1.37E-02	2.44E-03	8.34E-03	1.41E-03	1.87E-04	2.86E-05	7.41E-03	1.31E-03	1.28E-04	1.95E-05	7.44E-03	1.32E-03	7.83E-01	2.40E-01	9.06E-01	1.92E-01
3472 Gridded	8.64E-03	1.26E-03	1.34E-05	2.03E-06	4.65E-03	6.85E-04	9.54E-03	1.40E-03	9.41E-03	1.38E-03	8.59E-03	1.26E-03	1.25E-02	1.85E-03	1.25E-02	1.85E-03	1.60E-02	2.34E-03	9.54E-03	1.40E-03	1.85E-04	2.81E-05	8.62E-03	1.26E-03	1.27E-04	1.92E-05	8.65E-03	1.27E-03	8.28E-01	2.10E-01	9.38E-01	1.92E-01
3473 Gridded	9.44E-03	1.27E-03	1.20E-05	1.88E-06	4.84E-03	6.77E-04	1.02E-02	1.40E-03	1.01E-02	1.38E-03	9.40E-03	1.26E-03	1.27E-02	1.81E-03	1.27E-02	1.81E-03	1.75E-02	2.35E-03	1.02E-02	1.40E-03	1.66E-04	2.61E-05	9.42E-03	1.27E-03	1.14E-04	1.79E-05	9.45E-03	1.27E-03	8.90E-01	1.83E-01	1.41E+00	1.96E-01
3474 Gridded	8.92E-03	1.17E-03	1.35E-05	1.68E-06	4.35E-03	6.12E-04	9.42E-03	1.28E-03	9.35E-03	1.26E-03	8.89E-03	1.17E-03	1.11E-02	1.62E-03	1.11E-02	1.62E-03	1.65E-02	2.17E-03	9.42E-03	1.28E-03	1.88E-04	2.33E-05	8.91E-03	1.17E-03	1.28E-04	1.60E-05	8.93E-03	1.17E-03	9.61E-01	1.79E-01	1.93E+00	1.99E-01
3475 Gridded	6.99E-03	1.01E-03	1.32E-05	1.93E-06	3.87E-03	5.35E-04	7.82E-03	1.11E-03	7.70E-03	1.10E-03	6.94E-03	1.01E-03	1.05E-02	1.42E-03	1.05E-02	1.42E-03	1.29E-02	1.87E-03	7.82E-03	1.11E-03	1.83E-04	2.67E-05	6.97E-03	1.01E-03	1.25E-04	1.83E-05	7.00E-03	1.01E-03	8.28E-01	1.79E-01	2.24E+00	1.93E-01
3476 Gridded	8.03E-03	8.94E-04	1.44E-05	2.21E-06	4.03E-03	4.81E-04	8.59E-03	9.80E-04	8.51E-03	9.67E-04	7.99E-03	8.90E-04	1.04E-02	1.39E-03	1.04E-02	1.39E-03	1.49E-02	1.66E-03	8.59E-03	9.80E-04	2.00E-04	3.06E-05	8.01E-03	8.93E-04	1.37E-04	2.09E-05	8.03E-03	8.95E-04	8.35E-01	1.85E-01	2.03E+00	2.31E-01
3477 Gridded	8.25E-03	1.28E-03	1.44E-05	2.43E-06	4.14E-03	7.01E-04	8.53E-03	1.43E-03	8.46E-03	1.41E-03	8.24E-03	1.27E-03	1.13E-02	1.90E-03	1.13E-02	1.90E-03	1.53E-02	2.37E-03	8.53E-03	1.43E-03	1.99E-04	3.37E-05	8.25E-03	1.28E-03	1.36E-04	2.30E-05	8.26E-03	1.28E-03	8.67E-01	2.30E-01	1.31E+00	2.59E-01
3478 Gridded	1.13E-02	1.81E-03	1.59E-05	2.21E-06	5.32E-03	9.27E-04	1.18E-02	1.95E-03	1.17E-02	1.93E-03	1.13E-02	1.80E-03	1.32E-02	2.43E-03	1.32E-02	2.43E-03	2.10E-02	3.35E-03	1.18E-02	1.95E-03	2.20E-04	3.06E-05	1.13E-02	1.81E-03	1.51E-04	2.09E-05	1.13E-02	1.81E-03	1.02E+00	3.16E-01	9.97E-01	2.87E-01
3479 Gridded	1.19E-02	2.50E-03	1.37E-05	1.75E-06	5.58E-03	1.17E-03	1.21E-02	2.59E-03	1.21E-02	2.58E-03	1.19E-02	2.49E-03	1.47E-02	2.88E-03	1.47E-02	2.88E-03	2.20E-02	4.64E-03	1.21E-02	2.59E-03	1.90E-04	2.43E-05	1.19E-02	2.50E-03	1.30E-04	1.67E-05	1.19E-02	2.50E-03	1.15E+00	3.79E-01	1.31E+00	2.38E-01
3480 Gridded	1.91E-02	2.72E-03	1.50E-05	1.40E-06	8.48E-03	1.21E-03	1.94E-02	2.76E-03	1.93E-02	2.76E-03	1.90E-02	2.72E-03	2.03E-02	2.89E-03	2.03E-02	2.89E-03	3.54E-02	5.06E-03	1.94E-02	2.76E-03	2.08E-04	1.95E-05	1.91E-02	2.72E-03	1.42E-04	1.33E-05	1.91E-02	2.72E-03	1.20E+00	2.45E-01	1.11E+00	1.83E-01
3481 Gridded	2.34E-02	2.76E-03	1.53E-05	1.91E-06	1.00E-02	1.29E-03	2.34E-02	2.86E-03	2.34E-02	2.84E-03	2.33E-02	2.75E-03	2.34E-02	3.18E-03	2.34E-02	3.18E-03	4.34E-02	5.12E-03	2.34E-02	2.86E-03	2.12E-04	2.65E-05	2.34E-02	2.76E-03	1.45E-04	1.81E-05	2.34E-02	2.76E-03	1.19E+00	2.84E-01	1.19E+00	2.73E-01
3482 Gridded	2.65E-02	1.84E-03	1.15E-05	1.22E-06	1.15E-02	8.49E-04	2.66E-02	1.90E-03	2.66E-02	1.89E-03	2.65E-02	1.83E-03	2.70E-02	2.09E-03	2.70E-02	2.09E-03	4.92E-02	3.41E-03	2.66E-02	1.90E-03	1.60E-04	1.69E-05	2.65E-02	1.83E-03	1.09E-04	1.16E-05	2.65E-02	1.84E-03	1.04E+00	2.62E-01	1.02E+00	2.33E-01
3483 Gridded	8.59E-03	1.24E-03	1.03E-05	1.03E-06	3.68E-03	5.71E-04	8.59E-03	1.28E-03	8.59E-03	1.27E-03	8.59E-03	1.24E-03	8.97E-03	1.40E-03	8.97E-03	1.40E-03	1.60E-02	2.30E-03	8.59E-03	1.28E-03	1.42E-04	1.43E-05	8.59E-03	1.24E-03	9.75E-05	9.82E-06	8.59E-03	1.24E-03	1.09E+00	2.60E-01	1.10E+00	2.02E-01
3484 Gridded	8.88E-03	9.71E-04	8.89E-06	1.08E-06	4.19E-03	4.32E-04	9.25E-03	9.86E-04	9.20E-03	9.84E-04	8.86E-03	9.70E-04	1.05E-02	1.10E-03	1.05E-02	1.10E-03	1.65E-02	1.80E-03	9.25E-03	9.86E-04	1.23E-04	1.50E-05	8.87E-03	9.70E-04	8.43E-05	1.03E-05	8.88E-03	9.71E-04	9.59E-01	3.03E-01	1.19E+00	1.98E-01
3485 Gridded	1.08E-02	1.46E-03	7.98E-06	1.12E-06	5.05E-03	7.05E-04	1.12E-02	1.54E-03	1.12E-02	1.53E-03	1.08E-02	1.46E-03	1.25E-02	1.78E-03	1.25E-02	1.78E-03	2.01E-02	2.71E-03	1.12E-02	1.54E-03	1.11E-04	1.56E-05	1.08E-02	1.46E-03	7.57E-05	1.07E-05	1.08E-02	1.46E-03	9.86E-01	2.79E-01	1.99E+00	1.48E-01
3486 Gridded	1.57E-02	2.61E-03	7.64E-06	9.00E-07	6.90E-03	1.17E-03	1.59E-02	2.67E-03	1.58E-02	2.66E-03	1.57E-02	2.61E-03	1.64E-02	2.83E-03	1.64E-02	2.83E-03	2.91E-02	4.85E-03	1.59E-02	2.67E-03	1.06E-04	1.25E-05	1.57E-02	2.61E-03	7.25E-05	8.54E-06	1.57E-02	2.62E-03	1.14E+00	2.48E-01	1.88E+00	1.75E-01
3487 Gridded	1.37E-02	1.35E-03	9.17E-06	9.56E-07	6.49E-03	5.98E-04	1.43E-02	1.37E-03	1.42E-02	1.36E-03	1.37E-02	1.35E-03	1.62E-02	1.43E-03	1.62E-02	1.43E-03	2.55E-02	2.50E-03	1.43E-02	1.37E-03	1.27E-04	1.33E-05	1.37E-02	1.35E-03	8.70E-05	9.07E-06	1.37E-02	1.35E-03	1.03E+00	2.19E-01	1.37E+00	1.70E-01
3488 Gridded	1.51E-02	1.57E-03	9.42E-06	1.51E-06	6.60E-03	6.96E-04	1.52E-02	1.59E-03	1.52E-02	1.59E-03	1.51E-02	1.57E-03	1.56E-02	1.66E-03	1.56E-02	1.66E-03	2.80E-02	2.91E-03	1.52E-02	1.59E-03	1.31E-04	2.10E-05	1.51E-02	1.57E-03	8.94E-05	1.43E-05	1.51E-02	1.57E-03	1.07E+00	1.28E-01	1.47E+00	1.51E-01
3489 Gridded	1.18E-02	2.64E-03	9.97E-06	1.77E-06	5.20E-03	1.15E-03	1.20E-02	2.66E-03	1.19E-02	2.66E-03	1.18E-02	2.64E-03	1.23E-02	2.73E-03	1.23E-02	2.73E-03	2.20E-02	4.90E-03	1.20E-02	2.66E-03	1.38E-04	2.45E-05	1.18E-02	2.64E-03	9.46E-05	1.68E-05	1.18E-02	2.64E-03	1.99E+00	2.05E-01	1.99E+00	1.46E-01
3490 Gridded	1.27E-02	1.53E-03	9.42E-06	1.64E-06	5.63E-03	6.71E-04	1.29E-02	1.54E-03	1.29E-02	1.54E-03	1.27E-02	1.53E-03	1.34E-02	1.59E-03	1.34E-02	1.59E-03	2.36E-02	2.84E-03	1.29E-02	1.54E-03	1.31E-04	2.27E-05	1.27E-02	1.53E-03	8.94E-05	1.55E-05	1.27E-02	1.53E-03	2.49E+00	2.17E-01	2.74E+00	1.87E-01
3491 Gridded	7.62E-03	1.10E-03	9.49E-06	1.83E-06	3.94E-03	5.98E-04	8.26E-03	1.22E-03	8.17E-03	1.20E-03	7.58E-03	1.09E-03	1.03E-02	1.62E-03	1.03E-02	1.62E-03	1.41E-02	2.03E-03	8.26E-03	1.22E-03	1.32E-04	2.53E-05	7.60E-03	1.09E-03	9.01E-05	1.73E-05	7.63E-03	1.10E-03	2.23E+00	1.66E-01	3.02E+00	1.89E-01
3492 Gridded	7.16E-03	1.07E-03	8.90E-06	1.82E-06	3.70E-03	5.87E-04	7.77E-03	1.19E-03	7.68E-03	1.17E-03	7.13E-03	1.06E-03	9.71E-03	1.59E-03	9.71E-03	1.59E-03	1.33E-02	1.98E-03	7.77E-03	1.19E-03	1.23E-04	2.53E-05	7.15E-03	1.07E-03	8.44E-05	1.73E-05	7.17E-03	1.07E-03	1.84E+00	1.32E-01	2.88E+00	1.62E-01
3493 Gridded	6.38E-03	9.63E-04	1.04E-05	1.68E-06	3.32E-03	5.31E-04	6.94E-03	1.08E-03	6.86E-03	1.06E-03	6.35E-03	9.56E-04	8.76E-03	1.44E-03	8.76E-03	1.44E-03	1.18E-02	1.78E-03	6.94E-03	1.08E-03	1.45E-04	2.33E-05	6.37E-03	9.60E-04	9.91E-05	1.59E-05	6.39E-03	9.64E-04	1.50E+00	1.65E-01	3.34E+00	1.78E-01

Scenario 4 Results

3494	Gridded	6.92E-03	9.00E-04	1.13E-05	1.49E-06	3.76E-03	4.91E-04	7.68E-03	1.00E-03	7.57E-03	9.86E-04	6.87E-03	8.94E-04	1.02E-02	1.33E-03	1.02E-02	1.33E-03	1.28E-02	1.66E-03	7.68E-03	1.00E-03	1.57E-04	2.06E-05	6.90E-03	8.98E-04	1.07E-04	1.41E-05	6.92E-03	9.01E-04	1.66E+00	2.37E-01	5.68E+00	2.73E-01
3495	Gridded	7.23E-03	1.13E-03	1.05E-05	1.40E-06	3.84E-03	5.85E-04	7.94E-03	1.23E-03	7.84E-03	1.22E-03	7.19E-03	1.13E-03	1.02E-02	1.53E-03	1.02E-02	1.53E-03	1.34E-02	2.10E-03	7.94E-03	1.23E-03	1.45E-04	1.94E-05	7.22E-03	1.13E-03	9.92E-05	1.33E-05	7.24E-03	1.14E-03	1.75E+00	2.57E-01	7.06E+00	3.27E-01
3496	Gridded	9.00E-03	1.26E-03	1.01E-05	1.47E-06	4.46E-03	6.44E-04	9.58E-03	1.36E-03	9.50E-03	1.35E-03	8.97E-03	1.26E-03	1.15E-02	1.68E-03	1.15E-02	1.68E-03	1.67E-02	2.33E-03	9.58E-03	1.36E-03	1.40E-04	2.04E-05	8.99E-03	1.26E-03	9.56E-05	1.39E-05	9.01E-03	1.26E-03	1.58E+00	2.26E-01	7.25E+00	3.29E-01
3497	Gridded	1.13E-02	1.28E-03	1.26E-05	1.45E-06	5.63E-03	6.52E-04	1.20E-02	1.38E-03	1.19E-02	1.37E-03	1.12E-02	1.28E-03	1.45E-02	1.70E-03	1.45E-02	1.70E-03	2.09E-02	2.37E-03	1.20E-02	1.38E-03	1.75E-04	2.02E-05	1.12E-02	1.28E-03	1.20E-04	1.38E-05	1.13E-02	1.28E-03	1.25E+00	2.23E-01	6.27E+00	2.81E-01
3498	Gridded	1.12E-02	1.22E-03	1.48E-05	1.39E-06	5.66E-03	6.19E-04	1.20E-02	1.31E-03	1.19E-02	1.30E-03	1.11E-02	1.21E-03	1.47E-02	1.61E-03	1.47E-02	1.61E-03	2.07E-02	2.25E-03	1.20E-02	1.31E-03	2.05E-04	1.93E-05	1.12E-02	1.21E-03	1.40E-04	1.32E-05	1.12E-02	1.22E-03	8.80E-01	1.88E-01	4.71E+00	2.40E-01
3499	Gridded	6.63E-03	1.43E-03	1.09E-05	2.02E-06	3.33E-03	7.20E-04	6.93E-03	1.53E-03	6.89E-03	1.52E-03	6.61E-03	1.42E-03	9.08E-03	1.86E-03	9.08E-03	1.86E-03	1.23E-02	2.65E-03	6.93E-03	1.53E-03	1.51E-04	2.80E-05	6.62E-03	1.43E-03	1.03E-04	1.91E-05	6.63E-03	1.43E-03	7.63E-01	2.46E-01	9.35E-01	2.34E-01
3500	Gridded	7.24E-03	1.36E-03	1.21E-05	2.03E-06	3.96E-03	6.81E-04	8.06E-03	1.46E-03	7.95E-03	1.44E-03	7.20E-03	1.36E-03	1.07E-02	1.81E-03	1.07E-02	1.81E-03	1.34E-02	2.53E-03	8.06E-03	1.46E-03	1.68E-04	2.81E-05	7.22E-03	1.36E-03	1.15E-04	1.92E-05	7.25E-03	1.37E-03	7.78E-01	2.41E-01	9.06E-01	2.01E-01
3501	Gridded	8.40E-03	1.33E-03	1.22E-05	2.06E-06	4.47E-03	7.15E-04	9.23E-03	1.47E-03	9.11E-03	1.45E-03	8.36E-03	1.32E-03	1.19E-02	1.92E-03	1.19E-02	1.92E-03	1.56E-02	2.46E-03	9.23E-03	1.47E-03	1.70E-04	2.85E-05	8.38E-03	1.33E-03	1.16E-04	1.95E-05	8.41E-03	1.33E-03	7.94E-01	2.16E-01	9.32E-01	1.87E-01
3502	Gridded	9.14E-03	1.37E-03	1.09E-05	1.94E-06	4.69E-03	7.25E-04	9.87E-03	1.50E-03	9.77E-03	1.48E-03	9.10E-03	1.36E-03	1.23E-02	1.93E-03	1.23E-02	1.93E-03	1.69E-02	2.54E-03	9.87E-03	1.50E-03	1.51E-04	2.70E-05	9.12E-03	1.37E-03	1.03E-04	1.84E-05	9.15E-03	1.37E-03	8.11E-01	1.76E-01	9.63E-01	1.82E-01
3503	Gridded	9.00E-03	1.34E-03	1.21E-05	1.74E-06	4.47E-03	6.96E-04	9.59E-03	1.45E-03	9.50E-03	1.44E-03	8.97E-03	1.33E-03	1.15E-02	1.84E-03	1.15E-02	1.84E-03	1.67E-02	2.48E-03	9.59E-03	1.45E-03	1.68E-04	2.42E-05	8.99E-03	1.33E-03	1.15E-04	1.65E-05	9.01E-03	1.34E-03	8.87E-01	1.75E-01	1.46E+00	1.91E-01
3504	Gridded	8.15E-03	1.24E-03	1.31E-05	1.73E-06	3.90E-03	6.35E-04	8.54E-03	1.34E-03	8.49E-03	1.32E-03	8.13E-03	1.23E-03	1.07E-02	1.66E-03	1.07E-02	1.66E-03	1.51E-02	2.29E-03	8.54E-03	1.34E-03	1.82E-04	2.40E-05	8.14E-03	1.23E-03	1.24E-04	1.65E-05	8.16E-03	1.24E-03	8.94E-01	1.67E-01	1.95E+00	1.92E-01
3505	Gridded	8.71E-03	1.06E-03	1.36E-05	2.12E-06	4.55E-03	5.73E-04	9.49E-03	1.17E-03	9.38E-03	1.15E-03	8.67E-03	1.05E-03	1.20E-02	1.55E-03	1.20E-02	1.55E-03	1.61E-02	1.95E-03	9.49E-03	1.17E-03	1.88E-04	2.94E-05	8.70E-03	1.05E-03	1.29E-04	2.01E-05	8.72E-03	1.06E-03	8.61E-01	1.69E-01	2.16E+00	1.90E-01
3506	Gridded	9.12E-03	1.09E-03	1.44E-05	2.35E-06	4.44E-03	6.29E-04	9.63E-03	1.24E-03	9.56E-03	1.22E-03	9.09E-03	1.08E-03	1.13E-02	1.75E-03	1.13E-02	1.75E-03	1.69E-02	2.02E-03	9.63E-03	1.24E-03	2.00E-04	3.26E-05	9.11E-03	1.09E-03	1.37E-04	2.23E-05	9.13E-03	1.09E-03	8.75E-01	1.79E-01	1.97E+00	2.23E-01
3507	Gridded	8.04E-03	1.36E-03	1.44E-05	2.55E-06	4.31E-03	7.40E-04	8.76E-03	1.51E-03	8.64E-03	1.49E-03	8.01E-03	1.35E-03	1.17E-02	2.00E-03	1.17E-02	2.00E-03	1.49E-02	2.51E-03	8.76E-03	1.51E-03	2.00E-04	3.53E-05	8.03E-03	1.36E-03	1.37E-04	2.42E-05	8.04E-03	1.36E-03	8.68E-01	2.08E-01	1.39E+00	2.57E-01
3508	Gridded	9.62E-03	1.56E-03	1.45E-05	2.35E-06	4.68E-03	8.37E-04	1.01E-02	1.72E-03	1.01E-02	1.70E-03	9.59E-03	1.55E-03	1.19E-02	2.24E-03	1.19E-02	2.24E-03	1.78E-02	2.89E-03	1.01E-02	1.72E-03	2.02E-04	3.27E-05	9.61E-03	1.56E-03	1.38E-04	2.23E-05	9.62E-03	1.57E-03	9.71E-01	2.96E-01	9.12E-01	2.86E-01
3509	Gridded	9.57E-03	2.03E-03	1.56E-05	2.38E-06	4.59E-03	9.94E-04	9.96E-03	2.15E-03	9.90E-03	2.13E-03	9.55E-03	2.03E-03	1.26E-02	2.53E-03	1.26E-02	2.53E-03	1.77E-02	3.77E-03	9.96E-03	2.15E-03	2.16E-04	3.30E-05	9.56E-03	2.03E-03	1.48E-04	2.26E-05	9.57E-03	2.04E-03	1.10E+00	3.62E-01	1.11E+00	2.72E-01
3510	Gridded	1.47E-02	1.99E-03	1.19E-05	1.40E-06	6.90E-03	9.40E-04	1.53E-02	2.07E-03	1.52E-02	2.06E-03	1.46E-02	1.99E-03	1.72E-02	2.34E-03	1.72E-02	2.34E-03	2.72E-02	3.70E-03	1.53E-02	2.07E-03	1.65E-04	1.94E-05	1.47E-02	1.99E-03	1.13E-04	1.33E-05	1.47E-02	1.99E-03	1.20E+00	2.99E-01	1.24E+00	1.89E-01
3511	Gridded	1.61E-02	2.22E-03	1.50E-05	1.82E-06	6.97E-03	9.76E-04	1.62E-02	2.25E-03	1.62E-02	2.24E-03	1.61E-02	2.22E-03	1.64E-02	2.38E-03	1.64E-02	2.38E-03	2.99E-02	4.13E-03	1.62E-02	2.25E-03	2.08E-04	2.52E-05	1.61E-02	2.22E-03	1.42E-04	1.72E-05	1.61E-02	2.22E-03	9.19E-01	2.19E-01	1.10E+00	2.26E-01
3512	Gridded	1.88E-02	1.78E-03	1.30E-05	1.74E-06	8.53E-03	8.52E-04	1.92E-02	1.86E-03	1.92E-02	1.85E-03	1.87E-02	1.77E-03	2.08E-02	2.14E-03	2.08E-02	2.14E-03	3.48E-02	3.30E-03	1.92E-02	1.86E-03	1.81E-04	2.41E-05	1.88E-02	1.78E-03	1.24E-04	1.65E-05	1.88E-02	1.78E-03	1.04E+00	2.85E-01	1.02E+00	2.70E-01
3513	Gridded	1.63E-02	1.46E-03	9.82E-06	1.25E-06	7.04E-03	6.98E-04	1.63E-02	1.53E-03	1.63E-02	1.52E-03	1.63E-02	1.46E-03	1.65E-02	1.75E-03	1.65E-02	1.75E-03	3.02E-02	2.71E-03	1.63E-02	1.53E-03	1.36E-04	1.74E-05	1.63E-02	1.46E-03	9.32E-05	1.19E-05	1.63E-02	1.46E-03	9.70E-01	2.06E-01	9.48E-01	1.98E-01
3514	Gridded	7.00E-03	9.87E-04	9.69E-06	9.73E-07	3.43E-03	4.60E-04	7.17E-03	1.02E-03	7.15E-03	1.02E-03	6.99E-03	9.85E-04	9.19E-03	1.14E-03	9.19E-03	1.14E-03	1.30E-02	1.83E-03	7.17E-03	1.02E-03	1.34E-04	1.35E-05	6.99E-03	9.87E-04	9.20E-05	9.23E-06	7.00E-03	9.88E-04	9.66E-01	2.66E-01	1.22E+00	2.13E-01
3515	Gridded	8.05E-03	9.20E-04	8.94E-06	1.07E-06	3.85E-03	4.13E-04	8.43E-03	9.38E-04	8.38E-03	9.35E-04	8.02E-03	9.19E-04	9.69E-03	1.04E-03	9.69E-03	1.04E-03	1.49E-02	1.71E-03	8.43E-03	9.38E-04	1.24E-04	1.48E-05	8.04E-03	9.20E-04	8.48E-05	1.01E-05	8.05E-03	9.20E-04	8.91E-01	3.15E-01	1.08E+00	2.00E-01
3516	Gridded	8.06E-03	9.90E-04	8.05E-06	1.09E-06	3.90E-03	5.01E-04	8.49E-03	1.06E-03	8.43E-03	1.05E-03	8.04E-03	9.86E-04	1.00E-02	1.30E-03	1.00E-02	1.30E-03	1.49E-02	1.83E-03	8.49E-03	1.06E-03	1.12E-04	1.51E-05	8.06E-03	9.88E-04	7.64E-05	1.04E-05	8.07E-03	9.91E-04	9.27E-01	2.71E-01	1.98E+00	1.56E-01
3517	Gridded	1.33E-02	2.18E-03	8.49E-06	9.57E-07	5.97E-03	1.00E-03	1.35E-02	2.24E-03	1.35E-02	2.23E-03	1.33E-02	2.18E-03	1.44E-02	2.45E-03	1.44E-02	2.45E-03	2.46E-02	4.05E-03	1.35E-02	2.24E-03	1.18E-04	1.33E-05	1.33E-02	2.18E-03	8.05E-05	9.08E-06	1.33E-02	2.18E-03	1.03E+00	2.78E-01	2.10E+00	1.78E-01
3518	Gridded	1.20E-02	1.58E-03	9.81E-06	1.16E-06	5.46E-03	7.11E-04	1.23E-02	1.61E-03	1.22E-02	1.61E-03	1.20E-02	1.58E-03	1.33E-02	1.72E-03	1.33E-02	1.72E-03	2.22E-02	2.94E-03	1.23E-02	1.61E-03	1.36E-04	1.60E-05	1.20E-02	1.58E-03	9.31E-05	1.10E-05	1.20E-02	1.58E-03	1.04E+00	2.35E-01	1.24E+00	1.74E-01
3519	Gridded	1.29E-02	7.86E-04	9.02E-06	1.25E-06	6.05E-03	3.80E-04	1.34E-02	8.27E-04	1.33E-02	8.21E-04	1.28E-02	7.83E-04	1.50E-02	9.62E-04	1.50E-02	9.62E-04	2.38E-02	1.46E-03	1.34E-02	8.27E-04	1.25E-04	1.73E-05	1.28E-02	7.85E-04	8.56E-05	1.19E-05	1.29E-02	7.86E-04	9.71E-01	1.57E-01	1.27E+00	1.63E-01
3520	Gridded	1.17E-02	1.59E-03	8.46E-06	1.66E-06	5.17E-03	7.17E-04	1.19E-02	1.62E-03	1.18E-02	1.62E-03	1.17E-02	1.59E-03	1.23E-02	1.74E-03	1.23E-02	1.74E-03	2.18E-02	2.95E-03	1.19E-02	1.62E-03	1.17E-04	2.31E-05	1.17E-02	1.59E-03	8.03E-05	1.58E-05	1.17E-02	1.59E-03	1.22E+00	1.54E-01	1.63E+00	1.24E-01
3521	Gridded	8.55E-03	1.74E-03	1.02E-05	1.79E-06	3.85E-03	7.83E-04	8.72E-03	1.78E-03	8.70E-03	1.77E-03	8.54E-03	1.74E-03	9.47E-03	1.89E-03	9.47E-03	1.89E-03	1.59E-02	3.24E-03	8.72E-03	1.78E-03	1.42E-04	2.49E-05	8.54E-03	1.74E-03	9.69E-05	1.70E-05	8.55E-03	1.74E-03	1.66E+00	2.01E-01	2.15E+00	1.59E-01
3522	Gridded	9.07E-03	1.03E-03	9.58E-06	1.65E-06	4.15E-03	4.86E-04	9.32E-03	1.05E-03	9.29E-03	1.05E-03	9.06E-03	1.03E-03	1.02E-02	1.33E-03	1.02E-02	1.33E-03	1.68E-02	1.91E-03	9.32E-03	1.05E-03	1.33E-04	2.28E-05	9.06E-03	1.03E-03	9.09E-05	1.56E-05	9.07E-03	1.03E-03	1.83E+00	1.92E-01	2.54E+00	1.72E-01
3523	Gridded	7.73E-03	9.99E-04	8.74E-06	1.74E-06	3.89E-03	5.51E-04	8.28E-03	1.12E-03	8.21E-03	1.10E-03	7.70E-03	9.93E-04	1.01E-02	1.50E-03	1.01E-02	1.50E-03	1.43E-02	1.85E-03	8.28E-03	1.12E-03	1.21E-04	2.42E-05	7.72E-03	9.97E-04	8.30E-05	1.65E-05	7.74E-03	1.00E-03	1.76E+00	1.61E-01	2.59E+00	1.64E-01
3524	Gridded	7.76E-03	1.10E-03	8.26E-06	1.74E-06	3.80E-03	5.94E-04	8.21E-03	1.22E-03	8.15E-03	1.20E-03	7.73E-03	1.09E-03	9.69E-03	1.60E-03	9.69E-03	1.60E-03	1.44E-02	2.04E-03	8.21E-03	1.22E-03	1.14E-04	2.41E-05	7.75E-03	1.10E-03	7.83E-05	1.65E-05	7.76E-03	1.10E-03	1.53E+00	1.34E-01	2.33E+00	1.36E-01
3525	Gridded	6.50E-03	1.12E-03	9.41E-06	1.64E-06	3.24E-03	5.97E-04	6.89E-03	1.23E-03	6.83E-03	1.22E-03	6.48E-03	1.12E-03	8.55E-03	1.59E-03	8.55E-03	1.59E-03	1.20E-02	2.08E-03	6.89E-03	1.23E-03	1.31E-04	2.27E-05	6.49E-03	1.12E-03	8.93E-05	1.55E-05	6.50E-03	1.12E-03	1.22E+00	1.70E-01	3.15E+00	1.68E-01
3526	Gridded	7.80E-03	1.08E-03	1.07E-05	1.51E-06	4.10E-03	5.69E-04	8.52E-03	1.18E-03	8.42E-03	1.17E-03	7.76E-03	1.07E-03	1.09E-02	1.51E-03	1.09E-02	1.51E-03	1.44E-02	2.00E-03	8.52E-03	1.18E-03	1.49E-04	2.10E-05	7.78E-03	1.08E-03	1.02E-04	1.44E-05	7.80E-03	1.08E-03	1.46E+00	2.29E-01	4.98E+00	2.42E-01
3527	Gridded	8.27E-03	1.23E-03	1.08E-05	1.39E-06	4.31E-03	5.90E-04	9.00E-03	1.29E-03	8.89E-03	1.28E-03	8.23E-03	1.22E-03	1.14E-02	1.54E-03	1.14E-02	1.54E-03	1.53E-02	2.27E-03	9.00E-03	1.29E-03	1.50E-04	1.92E-05	8.25E-03	1.22E-03	1.03E-04	1.32E-05	8.28E-03	1.23E-03	1.62E+00	2.58E-01	6.29E+00	2.92E-01
3528	Gridded	8.77E-03	1.27E-03	9.54E-06	1.41E-06	4.43E-03	6.46E-04	9.41E-03	1.37E-03	9.32E-03	1.36E-03	8.74E-03	1.27E-03	1.15E-02	1.68E-03	1.15E-02	1.68E-03	1.62E-02	2.36E-03	9.41E-03	1.37E-03	1.32E-04	1.95E-05	8.76E-03	1.27E-03	9.05E-05	1.34E-05	8.78E-03	1.28E-03	1.49E+00	2.30E-01	6.47E+00	2.95E-01
3529	Gridded	8.94E-03	1.30E-03	9.59E-06	1.39E-06	4.51E-03	6.54E-04	9.58E-03	1.39E-03	9.49E-03	1.38E-03	8.90E-03	1.29E-03	1.17E-02	1.70E-03	1.17E-02	1.70E-03	1.66E-02	2.40E-03	9.58E-03	1.39E-03	1.33E-04	1.93E-05	8.92E-03	1.29E-03	9.10E-05	1.32E-05	8.94E-03	1.30E-03	1.22E+00	2.19E-01	5.73E+00	2.59E-01
3530	Gridded	7.65E-03	1.30E-03	1.07E-05	1.92E-06	4.02E-03	6.93E-04	8.36E-03	1.43E-03	8.26E-03	1.41E-03	7.61E-03	1.30E-03	1.07E-02	1.85E-03	1.07E-02	1.85E-03	1.42E-02	2.41E-03	8.36E-03	1.43E-03	1.49E-04	2.67E-05	7.64E-03	1.30E-03	1.02E-04	1.82E-05	7.66E-03	1.30E-03	7.64E-01	2.15E-01	9.00E-01	1.79E-01
3531	Gridded	8.38E-03	1.37E-03	1.12E-05	1.91E-06	4.31E-03	7.20E-04	9.07E-03	1.49E-03	8.97E-03	1.48E-03	8.35E-03	1.36E-03	1.13E-02	1.91E-03	1.13E-02	1.91E-03	1.55E-02	2.53E-03	9.07E-03	1.49E-03	1.55E-04	2.65E-05	8.37E-03	1.36E-03	1.06E-04	1.81E-05	8.39E-03	1.37E-03	7.83E-01	1.89E-01	9.14E-01	1.86E-01
3532	Gridded	8.67E-03	1.39E-03	1.21E-05	1.83E-06	4.34E-03	7.25E-04	9.27E-03	1.51E-03	9.18E-03	1.50E-03	8.63E-03	1.38E-03	1.12E-02	1.92E-03	1.12E-02	1.92E-03	1.61E-02	2.58E-03	9.27E-03	1.51E-03	1.67E-04	2.54E-05	8.65E-03	1.39E-03	1.14E-04	1.74E-05	8.67E-03	1.39E-03	8.15E-01	1.65E-01	9.96E-01	1.79E-01
3533	Gridded	8.23E-03	1.35E-03	1.29E-05	1.65E-06	4.00E-03	6.95E-04	8.69E-03	1.46E-03	8.62E-03	1.45E-03	8.21E-03	1.35E-03	1.02E-02	1.82E-03	1.02E-02	1.82E-03	1.53E-02	2.50E-03	8.69E-03	1.46E-03	1.80E-04	2.29E-05	8.22E-03	1.35E-03	1.23E-04	1.57E-05	8.24E-03	1.35E-03	8.72E-01	1.71E-01	1.42E+00	1.81E-01
3534	Gridded	8.29E-03	1.23E-03	1.19E-05	1.78E-06	4.19E-03	6.24E-04	8.76E-03	1.32E-03	8.66E-03	1.31E-03	8.27E-03	1.22E-03	1.12E-02	1.62E-03	1.12E-02	1.62E-03	1.54E-02	2.28E-03	8.76E-03	1.32E-03	1.64E-04	2.46E-05	8.28E-03	1.23E-03	1.12E-04	1.69E-05	8.29E-03	1.23E-03	8.33E-01	1.61E-01	1.84E+00	1.82E-01
3535	Gridded	9.51E-03	1.19E-03	1.32E-05	2.18E-06	4.62E-03	6.30E-04	9.89E-03	1.31E-03	9.84E-03	1.29E-03	9.49E-03	1.19E-03	1.20E-02	1.67E-03	1.20E-02	1.67E-03	1.76E-02	2.21E-03	9.89E-03	1.31E-03	1.83E-04	3.02E-05	9.50E-03	1.19E-03	1.25E-04	2.07E-05	9.52E-03	1.19E-03	8.56E-01	1.60E-01	2.08E+00	1.83E-01
3536	Gridded	9.24E-03	1.34E-03	1.40E-05	2.42E-06	4.46E-03	7.45E-04	9.72E-03	1.50E-03	9.65E-03	1.48E-03	9.21E-03	1.33E-03	1.15E-02	2.03E-03	1.15E-02	2.03E-03	1.71E-02	2.48E-03	9.72E-03	1.50E-03	1.94E-04	3.35E-05	9.23E-03	1.34E-03	1.33E-04	2.29E-05	9.24E-03	1.34E-03	8.61E-01	1.72E-01	1.94E+00	2.09E-01
3537	Gridded	9.18E-03	1.65E-03	1.45E-05	2.69E-06	4.78E-03	8.74E-04	9.89E-03	1.81E-03	9.76E-03	1.79E-03	9.14E-03	1.65E-03	1.27E-02	2.32E-03	1.27E-02	2.32E-03	1.70E-02	3.06E-03	9.89E-03	1.81E-03	2.01E-04	3.74E-05	9.16E-03	1.65E-03	1.38E-04	2.56E-05	9.18E-03	1.66E-03	9.04E-01	1.96E-01	1.42E+00	2.50E-01
3538	Gridded	1.02E-02	1.79E-03	1.47E-05	2.54E-06	4.98E-03	9.46E-04	1.08E-02	1.96E-03	1.07E-02	1.94E-03	1.02E-02	1.78E-03	1.27E-02	2.52E-03	1.27E-02	2.52E-03	1.90E-02	3.31E-03	1.08E-02	1.96E-03	2.04E-04	3.52E-05	1.02E-02	1.79E-03	1.40E-04	2.41E-05	1.02E-02	1.79E-03	9.85E-01	2.98E-01	1.03E+00	3.08E-01
3539	Gridded	9.07E-03	1.99E-03	1.54E-05	2.81E-06	4.47E-03	9.92E-04	9.55E-03	2.12E-03	9.48E-03	2.11E-03	9.04E-03	1.98E-03	1.17E-02	2.55E-03	1.17E-02	2.55E-03	1.68E-02	3.69E-03	9.55E-03	2.12E-03	2.14E-04	3.90E-05	9.06E-03	1.99E-03	1.46E-04	2.67E-05	9.07E-03	1.99E-03	1.02E+00	3.48E-01	1.06E+00	3.06E-01
3540	Gridded	1.12E-02	1.75E-03	1.13E-05	1.90E-06	5.59E-03	8.40E-04	1.19E-02	1.84E-03	1.18E-02	1.82E-03	1.11E-02	1.75E-03	1.44E-02	2.12E-03	1.44E-02	2.12E-03	2.07E-02	3.25E-03	1.19E-02	1.84E-03	1.57E-04	2.63E-05	1.12E-02	1.75E-03	1.07E-04	1.80E-05	1.12E-02	1.75E-03	1.02E+00	3.24E-01	1.33E+00	2.16E-01
3541	Gridded	1.28E-02	1.93E-03	1.47E-05	1.58E-06	5.82E-03	8.79E-04	1.31E-02	1.98E-03	1.31E-02	1.98E-03	1.28E-02	1.93E-03	1.41E-02	2.14E-03	1.41E-02	2.14E-03	2.38E-02	3.59E-03	1.31E-02	1.98E-03	2.03E-04	2.19E-05	1.28E-02	1.93E-03	1.39E-04	1.50E-05	1.28E-02	1.93E-03	1.06E+00	1.95E-01	8.71E-01	1.86E-01
3542	Gridded	1.30E-02	1.62E-03	1.48E-05	2.10E-06	5.99E-03	7.98E-04	1.30E-02	1.72E-03	1.30E-02	1.71E-03	1.30E-02	1.62E-03	1.55E-02	2.04E-03	1.55E-02	2.04E-03	2.41E-02	3.01E-03	1.30E-02	1.72E-03	2.05E-04	2.92E-05	1.30E-02	1.62E-03	1.40E-04	1.99E-05	1.30E-02	1.63E-03	8.99E-01	2.41E-01	9.38E-01	2.54E-01
3543	Gridded	1.67E-02	1.24E-03	1.23E-05	1.67E-06	7.48E-03	6.30E-04	1.70E-02	1.32E-03	1.70E-02	1.31E-03	1.67E-02	1.23E-03	1.80E-02	1.67E-03	1.80E-02	1.67E-03	3.10E-02	2.30E-03	1.70E-02	1.32E-03	1.71E-04	2.32E-05	1.67E-02	1.24E-03	1.17E-04	1.59E-05	1.67E-02	1.24E-03	8.69E-01	2.59E-01	9.20E-01	2.40E-01
3544	Gridded	9.64E-03	1.29E-03	9.71E-06	1.34E-06	4.17E-03	6.17E-04	9.67E-03	1.35E-03	9.67E-03	1.34E-03	9.63E-03	1.28E-03	9.78E-03	1.55E-03	9.78E-03	1.55E-03	1.79E-02	2.39E-03	9.67E-03	1.35E-03	1.35E-04	1.85E-05	9.64E-03	1.29E-03	9.22E-05	1.27E-05	9.64E-03	1.29E-03	9.73E-01	2.00E-01	9.08E-01	2.03E-01
3545	Gridded	6.36E-03	8.77E-04	9.85E-06	1.01E-06	3.41E-03	4.42E-04	7.02E-03	9.40E-04	6.92E-03	9.31E-04	6.33E-03	8.74E-04	9.13E-03	1.15E-03	9.13E-03	1.15E-03	1.18E-02	1.62E-03	7.02E-03	9.40E-04	1.37E-04	1.40E-05	6.35E-03	8.76E-04	9.34E-05	9.59E-06	6.37E-03	8.78E-04	8.83E-01	2.58E-01	1.31E+00	2.14E-01
3546	Gridded	7.30E-03	8.34E-04	9.44E-06	1.12E-06	3.57E-03	3.78E-04	7.72E-03	8.54E-04	7.66E-03	8.51E-04	7.28E-03	8.33E-04	9.08E-03	1.01E-03	9.08E-03	1.01E-03	1.35E-02	1.55E-03	7.72E-03	8.54E-04	1.31E-04	1.55E-05	7.29E-03	8.34E-04	8.96E-05	1.06E-05	7.31E-03	8.34E-04	8.16E-01	3.09E-01	9.78E-01	2.13E-01
3547	Gridded	6.86E-03	8.37E-04	8.68E-06	1.08E-06	3.55E-03	4.30E-04	7.45E-03	9.06E-04	7.37E-03	8.96E-04	6.83E-03	8.34E-04	9.35E-03	1.13E-03	9.35E-03	1.13E-03	1.27E-02	1.55E-03	7.45E-03	9.06E-04	1.20E-04	1.50E-05	6.85E-03	8.36E-04	8.23E-05	1.03E-05	6.87E-03	8.38E-04	9.06E-01	2.86E-01	1.92E+00	1.80E-01
3548	Gridded	1.15E-02	1.75E-03	9.68E-06	1.11E-06	5.22E-03	8.28E-04	1.18E-02	1.82E-03	1.17E-02	1.81E-03	1.15E-02	1.75E-03	1.27E-02	2.07E-03	1.27E-02	2.07E-03	2.13E-02	3.24E-03	1.18E-02	1.82E-03	1.34E-04	1.54E-05	1.15E-02	1.75E-03	9.19E-05	1.05E-05	1.15E-02	1.75E-03	9.34E-01	3.01E-01	2.20E+00	1.91E-01
3549	Gridded	1.05E-02	1.59E-03	9.12E-06	1.20E-06	5.03E-03	7.31E-04	1.10E-02	1.64E-03	1.10E-02	1.63E-03	1.05E-02	1.59E-03	1.26E-02	1.79E-03	1.26E-02	1.79E-03	1.95E-02	2.95E-03	1.10E-02	1.64E-03	1.27E-04	1.66E-05	1.05E-02	1.59E-03	8.66E-05	1.13E-05	1.05E-02	1.59E-03	9.21E-01	2.14E-01	1.24E+00	1.75E-01
3550	Gridded	9.92E-03	8.14E-04	1.00E-05	1.22E-06	4.96E-03	3.73E-04	1.06E-02	8.37E-04	1.05E-02	8.33E-04	9.88E-03	8.13E-04	1.28E-02	9.18E-04	1.28E-02	9.18E-04	1.84E-02	1.51E-03	1.06E-02	8.37E-04	1.39E-04	1.69E-05	9.90E-03	8.13E-04	9.50E-05	1.15E-05	9.93E-03	8.14E-04	8.13E-01	1.84E-01	1.14E+00	1.69E-01
3551	Gridded	8.83E-03	6.44E-04	8.08E-06	1.37E-06	4.19E-03	3.49E-04	9.21E-03	6.82E-04	9.16E-03	6.75E-04	8.81E-03	6.42E-04	1.05E-02	9.82E-04	1.05E-02	9.82E-04	1.64E-02	1.19E-03	9.21E-03	6.82E-04	1.12E-04	1.90E-05	8.82E-03	6.43E-04	7.66E-05	1.30E-05	8.83E-03	6.44E-04	9.12E-01	1.10E-01	1.24E+00	1.47E-01
3552	Gridded	7.51E-03	1.33E-03	8.37E-06	1.69E-06	3.37E-03	6.22E-04	7.65E-03	1.38E-03	7.63E-03	1.37E-03	7.50E-03	1.32E-03	8.55E-03	1.54E-03	8.55E-03	1.54E-03	1.39E-02	2.46E-03	7.65E-03	1.38E-03	1.16E-04	2.34E-05	7.51E-03	1.32E-03	7.94E-05	1.60E-05	7.51E-03	1.33E-03	1.25E+00	1.70E-01	1.69E+00	1.32E-01
3553	Gridded	6.40E-03	1.24E-03	1.05E-05	1.75E-06	3.38E-03	5.79E-04	7.01E-03	1.28E-03	6.93E-03	1.28E-03	6.37E-03	1.24E-03	8.98E-03	1.44E-03	8.98E-03	1.44E-03	1.19E-02	2.30E-03	7.01E-03	1.28E-03	1.46E-04	2.43E-05	6.39E-03	1.24E-03	9.99E-05	1.66E-05	6.41E-03	1.24E-03	1.47E+00	1.95E-01	2.02E+00	1.55E-01
3554	Gridded	8.57E-03	9.16E-04	1.00E-05	1.61E-06	4.35E-03	4.81E-04	9.21E-03	9.76E-04	9.12E-03	9.62E-04	8.53E-03	9.14E-04	1.13E-02	1.30E-03	1.13E-02	1.30E-03	1.59E-02	1.70E-03	9.21E-03	9.76E-04	1.39E-04	2.24E-05	8.55E-03	9.15E-04	9.52E-05	1.53E-05	8.58E-03	9.16E-04	1.52E+00	1.88E-01	2.13E+00	1.78E-01
3555	Gridded	9.31E-03	1.09E-03	8.69E-06	1.61E-06	4.60E-03	5.80E-04	9.89E-03	1.20E-03	9.81E-03	1.18E-03	9.27E-03	1.08E-03	1.18E-02	1.55E-03	1.18E-02	1.55E-03	1.72E-02	2.01E-03	9.89E-03	1.20E-03	1.21E-04	2.24E-05	9.29E-03	1.09E-03	8.25E-05	1.53E-05	9.31E-03	1.09E-03	1.38E+00	1.60E-01	1.98E+00	1.68E-01
3556	Gridded	8.51E-03	1.20E-03	7.68E-06	1.63E-06	4.13E-03	6.29E-04	8.97E-03	1.31E-03	8.91E-03	1.29E-03	8.48E-03	1.19E-03	1.05E-02	1.67E-03	1.05E-02	1.67E-03	1.58E-02	2.22E-03	8.97E-03	1.31E-03	1.07E-04	2.27E-05	8.50E-03	1.20E-03	7.29E-05	1.55E-05	8.51E-03	1.20E-03	1.15E+00	1.36E-01	1.84E+00	1.37E-01
3557	Gridded	6.79E-03	1.22E-03	8.22E-06	1.61E-06	3.26E-03	6.35E-04	7.13E-03	1.32E-03	7.08E-03	1.31E-03	6.78E-03	1.21E-03	8.38E-03	1.68E-03	8.38E-03	1.68E-03	1.26E-02	2.25E-03	7.13E-03	1.32E-03	1.14E-04	2.23E-05	6.79E-03	1.21E-03	7.80E-05	1.52E-05	6.80E-03	1.22E-03	9.79E-01	1.70E-01	2.82E+00	1.51E-01
3558	Gridded	7.73E-03	1.20E-03	9.77E-06	1.53E-06	3.89E-03	6.05E-04	8.28E-03	1.26E-03	8.21E-03	1.25E-03	7.70E-03	1.19E-03	1.03E-02	1.60E-03	1.03E-02	1.60E-03	1.43E-02	2.22E-03	8.28E-03	1.26E-03	1.36E-04	2.12E-05	7.72E-03	1.19E-03	9.27E-05	1.45E-05	7.74E-03	1.20E-03	1.29E+00	2.11E-01	4.32E+00	2.12E-01
3559	Gridded	8.72E-03	1.49E-03	1.00E-05	1.38E-06	4.38E-03	7.20E-04	9.33E-03	1.57E-03	9.25E-03	1.55E-03	8.69E-03	1.48E-03	1.13E-02	1.82E-03	1.13E-02	1.82E-03	1.62E-02	2.75E-03	9.33E-03	1.57E-03	1.39E-04	1.91E-05	8.71E-03	1.48E-03	9.49E-05	1.31E-05	8.73E-03	1.49E-03	1.41E+00	2.41E-01	5.33E+00	2.51E-01
3560	Gridded	9.35E-03	1.53E-03	9.61E-06	1.29E-06	4.69E-03	7.39E-04	1.00E-02	1.61E-03	9.91E-03	1.60E-03	9.31E-03	1.52E-03	1.21E-02	1.87E-03	1.21E-02	1.87E-03	1.73E-02	2.83E-03	1.00E-02	1.61E-03	1.33E-04	1.79E-05	9.33E-03	1.53E-03	9.12E-05	1.23E-05	9.36E-03	1.53E-03	1.33E+00	2.25E-01	5.58E+00	2.57E-01
3561	Gridded	7.94E-03	1.37E-03	1.29E-05	1.76E-06	3.98E-03	7.11E-04	8.49E-03	1.49E-03	8.41E-03	1.47E-03	7.91E-03	1.37E-03	1.06E-02	1.87E-03	1.06E-02	1.87E-03	1.47E-02	2.54E-03	8.49E-03	1.49E-03	1.79E-04	2.44E-05	7.93E-03	1.37E-03	1.22E-04	1.67E-05	7.94E-03	1.38E-03	7.65E-01	1.62E-01	8.99E-01	1.89E-01
3562	Gridded	8.84E-03	1.36E-03	1.38E-05	1.66E-06	4.42E-03	7.01E-04	9.44E-03	1.47E-03	9.36E-03	1.46E-03	8.81E-03	1.36E-03	1.14E-02	1.84E-03	1.14E-02	1.84E-03	1.64E-02	2.52E-03	9.44E-03	1.47E-03	1.91E-04	2.30E-05	8.83E-03	1.36E-03	1.31E-04	1.57E-05	8.85E-03	1.36E-03	8.00E-01	1.66E-01	1.02E+00	1.79E-01
3563	Gridded	9.17E-03	1.30E-03	1.31E-05	1.60E-06	4.57E-03	6.63E-04	9.78E-03	1.40E-03	9.69E-03	1.39E-03	9.14E-03	1.29E-03	1.17E-02	1.73E-03	1.17E-02	1.73E-03	1.70E-02	2.41E-03	9.78E-03	1.40E-03	1.81E-04	2.21E-05	9.16E-03	1.30E-03	1.24E-04	1.51E-05	9.18E-03	1.30E-03	8.39E-01	1.67E-01	1.40E+00	1.69E-01
3564	Gridded	9.84E-03	1.24E-03	1.13E-05	1.85E-06	4.91E-03	6.30E-04	1.05E-02	1.31E-03	1.04E-02	1.30E-03	9.80E-03	1.23E-03	1.26E-02	1.68E-03	1.26E-02	1.68E-03	1.82E-02	2.29E-03	1.05E-02	1.31E-03	1.56E-04	2.56E-05	9.82E-03	1.24E-03	1.07E-04	1.75E-05	9.85E-03	1.24E-03	8.25E-01	1.54E-01	1.72E+00	1.68E-01
3565	Gridded	1.03E-02	1.30E-03	1.25E-05	2.18E-06	4.80E-03	6.76E-04	1.07E-02	1.41E-03	1.06E-02	1.40E-03	1.03E-02	1.30E-03	1.18E-02	1.78E-03	1.18E-02	1.78E-03	1.91E-02	2.41E-03	1.07E-02	1.41E-03	1.73E-04	3.03E-05	1.03E-02	1.30E-03	1.19E-04	2.07E-05	1.03E-02	1.30E-03	8.55E-01	1.58E-01	1.90E+00	1.82E-01
3566	Gridded	8.96E-03	1.49E-03	1.30E-05	2.39E-06	4.52E-03	8.03E-04	9.58E-03	1.64E-03	9.48E-03	1.62E-03	8.94E-03	1.48E-03	1.18E-02	2.16E-03	1.18E-02	2.16E-03	1.66E-02	2.75E-03	9.58E-03	1.64E-03	1.81E-04	3.32E-05	8.95E-03	1.48E-03	1.24E-04	2.27E-05	8.97E-03	1.49E-03	8.56E-01	1.68E-01	1.82E+00	1.98E-01
3567	Gridded	9.45E-03	1.80E-03	1.39E-05	2.75E-06	4.89E-03	9.34E-04	1.02E-02	1.95E-03	1.01E-02	1.93E-03	9.42E-03	1.79E-03	1.29E-02	2.46E-03	1.29E-02	2.46E-03	1.75E-02	3.33E-03	1.02E-02	1.95E-03	1.93E-04	3.82E-05	9.44E-03	1.79E-03	1.32E-04	2.61E-05	9.46E-03	1.80E-03	9.13E-01	1.85E-01	1.43E+00	2.55E-01
3568	Gridded	1.06E-02	2.01E-03	1.46E-05	2.67E-06	5.20E-03	1.05E-03	1.12E-02	2.19E-03	1.12E-02	2.16E-03	1.06E-02	2.00E-03	1.32E-02	2.77E-03	1.32E-02	2.77E-03	1.97E-02	3.72E-03	1.12E-02	2.19E-03	2.02E-04	3.71E-05	1.06E-02	2.00E-03	1.38E-04	2.54E-05	1.06E-02	2.01E-03	9.60E-01	2.88E-01	1.02E+00	3.28E-01
3569	Gridded	9.91E-03	2.25E-03	1.43E-05	3.13E-06	4.91E-03	1.12E-03	1.05E-02	2.39E-03	1.04E-02	2.37E-03	9.88E-03	2.24E-03	1.29E-02	2.88E-03	1.29E-02	2.88E-03	1.84E-02	4.16E-03	1.05E-02	2.39E-03	1.99E-04	4.34E-05	9.90E-03	2.24E-03	1.36E-04	2.97E-05	9.92E-03	2.25E-03	9.80E-01	3.49E-01	1.18E+00	3.25E-01
3570	Gridded	1.04E-02	2.03E-03	1.27E-05	2.60E-06	5.34E-03	9.78E-04	1.12E-02	2.13E-03	1.11E-02	2.12E-03	1.03E-02	2.02E-03	1.40E-02	2.47E-03	1.40E-02	2.47E-03	1.92E-02	3.75E-03	1.12E-02	2.13E-03	1.76E-04	3.61E-05	1.03E-02	2.02E-03	1.20E-04	2.47E-05	1.04E-02	2.03E-03	1.05E+00	3.50E-01	1.28E+00	2.73E-01
3571	Gridded	1.22E-02	1.98E-03	1.16E-05	1.58E-06	5.71E-03	9.37E-04	1.27E-02	2.07E-03	1.26E-02	2.05E-03	1.22E-02	1.98E-03	1.41E-02	2.33E-03	1.41E-02	2.33E-03	2.26E-02	3.68E-03	1.27E-02	2.07E-03	1.61E-04	2.19E-05	1.22E-02	1.98E-03	1.10E-04	1.50E-05	1.22E-02	1.98E-03	1.12E+00	2.48E-01	1.12E+00	1.83E-01
3572	Gridded	1.23E-02	1.46E-03	1.45E-05	2.01E-06	5.43E-03	7.22E-04	1.25E-02	1.55E-03	1.24E-02	1.54E-03	1.23E-02	1.45E-03	1.29E-02	1.85E-03	1.29E-02	1.85E-03	2.29E-02	2.70E-03	1.25E-02	1.55E-03	2.01E-04	2.79E-05	1.23E-02	1.46E-03	1.37E-04	1.91E-05	1.23E-02	1.46E-03	8.79E-01	1.89E-01	8.61E-01	2.18E-01
3573	Gridded	1.32E-02	1.19E-03	1.43E-05	2.14E-06	6.34E-03	6.07E-04	1.39E-02	1.28E-03	1.38E-02	1.27E-03	1.32E-02	1.19E-03	1.59E-02	1.58E-03	1.59E-02	1.58E-03	2.45E-02	2.21E-03	1.39E-02	1.28E-03	1.99E-04	2.97E-05	1.32E-02	1.19E-03	1.36E-04	2.03E-05	1.32E-02	1.19E-03	9.06E-01	2.51E-01	9.13E-01	2.56E-01
3574	Gridded	1.28E-02	1.21E-03	1.26E-05	1.49E-06	5.67E-03	6.23E-04	1.30E-02	1.31E-03	1.29E-02	1.30E-03	1.27E-02	1.20E-03	1.36E-02	1.64E-03	1.36E-02	1.64E-03	2.37E-02	2.24E-03	1.30E-02	1.31E-03	1.75E-04	2.06E-05	1.28E-02	1.21E-03	1.20E-04	1.41E-05	1.28E-02	1.21E-03	8.10E-01	2.27E-01	8.76E-01	2.06E-01
3575	Gridded	6.03E-03	1.06E-03	9.74E-06	1.44E-06	2.99E-03	5.13E-04	6.36E-03	1.12E-03	6.30E-03	1.11E-03	6.03E-03	1.06E-03	7.98E-03	1.30E-03	7.98E-03	1.30E-03	1.12E-02	1.96E-03	6.36E-03	1.12E-03	1.35E-04	1.99E-05	6.03E-03	1.06E-03	9.24E-05	1.36E-05	6.04E-03	1.06E-03	1.02E+00	1.91E-01	9.78E-01	1.99E-01
3576	Gridded	6.26E-03	8.32E-04	9.79E-06	1.03E-06	3.21E-03	4.25E-04	6.59E-03	8.97E-04	6.51E-03	8.88E-04	6.25E-03	8.28E-04	8.60E-03	1.11E-03	8.60E-03	1.11E-03	1.16E-02	1.54E-03	6.59E-03	8.97E-04	1.36E-04	1.43E-05	6.26E-03	8.30E-04	9.29E-05	9.81E-06	6.27E-03	8.33E-04	8.27E-01	2.46E-01	1.34E+00	2.14E-01
3577	Gridded	6.51E-03	7.37E-04	9.38E-06	1.09E-06	3.23E-03	3.49E-04	6.93E-03	7.60E-04	6.87E-03	7.57E-04	6.49E-03	7.36E-04	8.28E-03	9.47E-04	8.28E-03	9.47E-04	1.21E-02	1.37E-03	6.93E-03	7.60E-04	1.30E-04	1.51E-05	6.50E-03	7.37E-04	8.90E-05	1.04E-05	6.52E-03	7.38E-04	7.83E-01	2.96E-01	1.02E+00	2.28E-01
3578	Gridded	6.00E-03	7.53E-04	8.89E-06	1.07E-06	3.20E-03	3.95E-04	6.60E-03	8.22E-04	6.51E-03	8.13E-04	5.96E-03	7.50E-04	8.54E-03	1.05E-03	8.54E-03	1.05E-03	1.11E-02	1.39E-03	6.60E-03	8.22E-04	1.23E-04	1.49E-05	5.98E-03	7.52E-04	8.43E-05	1.02E-05	6.00E-03	7.54E-04	8.73E-01	2.88E-01	1.83E+00	2.03E-01
3579	Gridded	9.24E-03	1.33E-03	9.19E-06	1.21E-06	4.33E-03	6.54E-04	9.60E-03	1.41E-03	9.55E-03	1.40E-03	9.22E-03	1.32E-03	1.07E-02	1.67E-03	1.07E-02	1.67E-03	1.71E-02	2.46E-03	9.60E-03	1.41E-03	1.27E-04	1.67E-05	9.23E-03	1.33E-03	8.72E-05	1.14E-05	9.25E-03	1.33E-03	8.81E-01	3.00E-01	2.22E+00	2.01E-01
3580	Gridded	8.43E-03	1.43E-03	9.20E-06	1.15E-06	4.16E-03	6.76E-04	8.82E-03	1.49E-03	8.73E-03	1.48E-03	8.42E-03	1.43E-03	1.08E-02	1.69E-03	1.08E-02	1.69E-03	1.56E-02	2.65E-03	8.82E-03	1.49E-03	1.28E-04	1.59E-05	8.43E-03	1.43E-03	8.73E-05	1.09E-05	8.44E-03	1.43E-03	8.42E-01	1.71E-01	1.48E+00	1.76E-01
3581	Gridded	7.64E-03	9.32E-04	1.05E-05	1.26E-06	3.61E-03	4.35E-04	7.96E-03	9.66E-04	7.92E-03	9.61E-04	7.63E-03	9.30E-04	9.69E-03	1.08E-03	9.69E-03	1.08E-03	1.42E-02	1.73E-03	7.96E-03	9.66E-04	1.45E-04	1.75E-05	7.64E-03	9.31E-04	9.93E-05	1.20E-05	7.65E-03	9.32E-04	8.24E-01	2.06E-01	1.03E+00	1.68E-01
3582	Gridded	8.90E-03	5.34E-04	8.80E-06	1.17E-06	4.42E-03	3.11E-04	9.48E-03	6.11E-04	9.40E-03	6.00E-04	8.86E-03	5.31E-04	1.14E-02	8.67E-04	1.14E-02	8.67E-04	1.65E-02	9.89E-04	9.48E-03	6.11E-04	1.22E-04	1.62E-05	8.88E-03	5.33E-04	8.35E-05	1.11E-05	8.90E-03	5.35E-04	7.50E-01	1.30E-01	1.03E+00	1.64E-01
3583	Gridded	7.01E-03	7.83E-04	9.10E-06	1.41E-06	3.32E-03	3.94E-04	7.31E-03	8.39E-04	7.27E-03	8.32E-04	6.99E-03	7.80E-04	8.31E-03	1.03E-03	8.31E-03	1.03E-03	1.30E-02	1.45E-03	7.31E-03	8.39E-04	1.26E-04	1.96E-05	7.00E-03	7.82E-04	8.63E-05	1.34E-05	7.01E-03	7.84E-04	9.50E-01	1.26E-01	1.41E+00	1.23E-01
3584	Gridded	6.32E-03	1.35E-03	9.20E-06	1.65E-06	3.36E-03	6.46E-04	6.94E-03	1.42E-03	6.85E-03	1.41E-03	6.28E-03	1.35E-03	8.95E-03	1.62E-03	8.95E-03	1.62E-03	1.17E-02	2.50E-03	6.94E-03	1.42E-03	1.28E-04	2.28E-05	6.31E-03	1.35E-03	8.73E-05	1.56E-05	6.33E-03	1.35E-03	1.16E+00	1.81E-01	1.62E+00	1.27E-01
3585	Gridded	8.84E-03	1.34E-03	1.06E-05	1.66E-06	4.52E-03	6.27E-04	9.54E-03	1.39E-03	9.44E-03	1.38E-03	8.80E-03	1.33E-03	1.18E-02	1.56E-03	1.18E-02	1.56E-03	1.64E-02	2.48E-03	9.54E-03	1.39E-03	1.47E-04	2.31E-05	8.82E-03	1.33E-03	1.01E-04	1.58E-05	8.84E-03	1.34E-03	1.21E+00	1.94E-01	1.92E+00	1.68E-01
3586	Gridded	1.03E-02	9.56E-04	1.01E-05	1.53E-06	5.12E-03	5.15E-04	1.10E-02	1.05E-03	1.09E-02	1.04E-03	1.02E-02	9.52E-04	1.32E-02	1.39E-03	1.32E-02	1.39E-03	1.90E-02	1.77E-03	1.10E-02	1.05E-03	1.40E-04	2.13E-05	1.03E-02	9.54E-04	9.58E-05	1.45E-05	1.03E-02	9.57E-04	1.15E+00	1.80E-01	1.97E+00	1.78E-01
3587	Gridded	1.02E-02	1.13E-03	8.70E-06	1.51E-06	4.97E-03	5.92E-04	1.07E-02	1.24E-03	1.07E-02	1.22E-03	1.01E-02	1.13E-03	1.27E-02	1.57E-03	1.27E-02	1.57E-03	1.88E-02	2.10E-03	1.07E-02	1.24E-03	1.21E-04	2.09E-05	1.01E-02	1.13E-03	8.26E-05	1.43E-05	1.02E-02	1.13E-03	1.00E+00	1.54E-01	1.51E+00	1.68E-01
3588	Gridded	8.70E-03	1.22E-03	7.32E-06	1.57E-06	4.21E-03	6.34E-04	9.16E-03	1.33E-03	9.09E-03	1.31E-03	8.67E-03	1.22E-03	1.06E-02	1.67E-03	1.06E-02	1.67E-03	1.61E-02	2.26E-03	9.16E-03	1.33E-03	1.02E-04	2.18E-05	8.69E-03	1.22E-03	6.95E-05	1.49E-05	8.70E-03	1.22E-03	1.04E+00	1.32E-01	1.87E+00	1.44E-01

Scenario 4 Results

3589	Gridded	7.02E-03	1.23E-03	7.51E-06	1.53E-06	3.40E-03	6.36E-04	7.40E-03	1.34E-03	7.35E-03	1.32E-03	7.00E-03	1.23E-03	8.61E-03	1.67E-03	8.61E-03	1.67E-03	1.30E-02	2.28E-03	7.40E-03	1.34E-03	1.04E-04	2.13E-05	7.02E-03	1.23E-03	7.13E-05	1.46E-05	7.03E-03	1.23E-03	9.69E-01	1.60E-01	2.53E+00	1.36E-01
3590	Gridded	7.68E-03	1.24E-03	8.25E-06	1.42E-06	3.84E-03	6.08E-04	8.21E-03	1.31E-03	8.13E-03	1.30E-03	7.65E-03	1.24E-03	9.92E-03	1.59E-03	9.92E-03	1.59E-03	1.42E-02	2.30E-03	8.21E-03	1.31E-03	1.14E-04	1.97E-05	7.67E-03	1.24E-03	7.83E-05	1.35E-05	7.69E-03	1.24E-03	1.10E+00	1.88E-01	3.72E+00	1.84E-01
3591	Gridded	8.68E-03	1.54E-03	8.78E-06	1.28E-06	4.34E-03	7.49E-04	9.27E-03	1.63E-03	9.19E-03	1.62E-03	8.65E-03	1.54E-03	1.12E-02	1.90E-03	1.12E-02	1.90E-03	1.61E-02	2.86E-03	9.27E-03	1.63E-03	1.22E-04	1.77E-05	8.67E-03	1.54E-03	8.33E-05	1.21E-05	8.69E-03	1.54E-03	1.22E+00	2.21E-01	4.59E+00	2.18E-01
3592	Gridded	9.24E-03	1.31E-03	1.42E-05	1.64E-06	4.65E-03	6.67E-04	9.75E-03	1.41E-03	9.68E-03	1.40E-03	9.21E-03	1.31E-03	1.23E-02	1.74E-03	1.23E-02	1.74E-03	1.71E-02	2.43E-03	9.75E-03	1.41E-03	1.97E-04	2.27E-05	9.23E-03	1.31E-03	1.35E-04	1.55E-05	9.24E-03	1.31E-03	7.79E-01	1.65E-01	9.93E-01	1.74E-01
3593	Gridded	1.01E-02	1.32E-03	1.28E-05	1.55E-06	4.97E-03	6.57E-04	1.06E-02	1.41E-03	1.06E-02	1.39E-03	1.00E-02	1.31E-03	1.32E-02	1.69E-03	1.32E-02	1.69E-03	1.87E-02	2.44E-03	1.06E-02	1.41E-03	1.77E-04	2.16E-05	1.01E-02	1.32E-03	1.21E-04	1.48E-05	1.01E-02	1.32E-03	7.86E-01	1.63E-01	1.35E+00	1.63E-01
3594	Gridded	1.09E-02	1.30E-03	1.04E-05	1.82E-06	5.28E-03	6.50E-04	1.15E-02	1.39E-03	1.14E-02	1.38E-03	1.08E-02	1.30E-03	1.34E-02	1.67E-03	1.34E-02	1.67E-03	2.01E-02	2.41E-03	1.15E-02	1.39E-03	1.44E-04	2.52E-05	1.09E-02	1.30E-03	9.88E-05	1.72E-05	1.09E-02	1.30E-03	8.07E-01	1.47E-01	1.66E+00	1.64E-01
3595	Gridded	1.03E-02	1.32E-03	1.17E-05	2.10E-06	4.73E-03	6.83E-04	1.06E-02	1.43E-03	1.05E-02	1.41E-03	1.03E-02	1.32E-03	1.16E-02	1.85E-03	1.16E-02	1.85E-03	1.91E-02	2.45E-03	1.06E-02	1.43E-03	1.63E-04	2.92E-05	1.03E-02	1.32E-03	1.11E-04	2.00E-05	1.03E-02	1.32E-03	8.52E-01	1.54E-01	1.79E+00	1.80E-01
3596	Gridded	9.03E-03	1.58E-03	1.27E-05	2.45E-06	4.50E-03	8.39E-04	9.57E-03	1.73E-03	9.50E-03	1.71E-03	9.00E-03	1.57E-03	1.19E-02	2.24E-03	1.19E-02	2.24E-03	1.67E-02	2.92E-03	9.57E-03	1.73E-03	1.77E-04	3.39E-05	9.02E-03	1.58E-03	1.21E-04	2.32E-05	9.04E-03	1.58E-03	8.45E-01	1.64E-01	1.69E+00	1.91E-01
3597	Gridded	9.56E-03	1.86E-03	1.35E-05	2.77E-06	4.92E-03	9.55E-04	1.03E-02	2.01E-03	1.02E-02	1.99E-03	9.53E-03	1.85E-03	1.29E-02	2.50E-03	1.29E-02	2.50E-03	1.77E-02	3.44E-03	1.03E-02	2.01E-03	1.87E-04	3.85E-05	9.55E-03	1.85E-03	1.28E-04	2.63E-05	9.57E-03	1.86E-03	9.12E-01	1.76E-01	1.38E+00	2.65E-01
3598	Gridded	1.05E-02	2.12E-03	1.37E-05	2.75E-06	5.15E-03	1.10E-03	1.11E-02	2.30E-03	1.11E-02	2.27E-03	1.05E-02	2.11E-03	1.31E-02	2.89E-03	1.31E-02	2.89E-03	1.95E-02	3.92E-03	1.11E-02	2.30E-03	1.89E-04	3.81E-05	1.05E-02	2.11E-03	1.30E-04	2.61E-05	1.05E-02	2.12E-03	9.27E-01	2.78E-01	9.89E-01	3.52E-01
3599	Gridded	1.00E-02	2.33E-03	1.55E-05	3.33E-06	4.93E-03	1.16E-03	1.06E-02	2.49E-03	1.05E-02	2.47E-03	9.97E-03	2.33E-03	1.30E-02	2.99E-03	1.30E-02	2.99E-03	1.85E-02	4.32E-03	1.06E-02	2.49E-03	2.14E-04	4.62E-05	9.99E-03	2.33E-03	1.47E-04	3.16E-05	1.00E-02	2.34E-03	9.43E-01	3.53E-01	1.22E+00	3.32E-01
3600	Gridded	1.02E-02	2.20E-03	1.31E-05	3.15E-06	4.94E-03	1.06E-03	1.07E-02	2.31E-03	1.07E-02	2.30E-03	1.02E-02	2.19E-03	1.31E-02	2.70E-03	1.31E-02	2.70E-03	1.89E-02	4.07E-03	1.07E-02	2.31E-03	1.82E-04	4.36E-05	1.02E-02	2.19E-03	1.25E-04	2.99E-05	1.02E-02	2.20E-03	1.04E+00	3.47E-01	1.19E+00	2.98E-01
3601	Gridded	1.23E-02	2.27E-03	1.31E-05	1.97E-06	5.63E-03	1.11E-03	1.26E-02	2.41E-03	1.25E-02	2.39E-03	1.22E-02	2.26E-03	1.42E-02	2.84E-03	1.42E-02	2.84E-03	2.27E-02	4.21E-03	1.26E-02	2.41E-03	1.82E-04	2.73E-05	1.23E-02	2.27E-03	1.24E-04	1.87E-05	1.23E-02	2.27E-03	1.04E+00	2.94E-01	1.31E+00	2.06E-01
3602	Gridded	1.26E-02	1.97E-03	1.31E-05	1.81E-06	5.84E-03	8.97E-04	1.30E-02	2.02E-03	1.30E-02	2.01E-03	1.26E-02	1.97E-03	1.44E-02	2.18E-03	1.44E-02	2.18E-03	2.34E-02	3.66E-03	1.30E-02	2.02E-03	1.82E-04	2.51E-05	1.26E-02	1.97E-03	1.24E-04	1.71E-05	1.26E-02	1.97E-03	9.73E-01	1.87E-01	8.09E-01	1.91E-01
3603	Gridded	1.10E-02	1.40E-03	1.30E-05	2.38E-06	5.21E-03	6.94E-04	1.11E-02	1.49E-03	1.11E-02	1.48E-03	1.10E-02	1.40E-03	1.37E-02	1.78E-03	1.37E-02	1.78E-03	2.04E-02	2.60E-03	1.11E-02	1.49E-03	1.80E-04	3.30E-05	1.10E-02	1.40E-03	1.23E-04	2.25E-05	1.10E-02	1.40E-03	9.20E-01	2.21E-01	8.96E-01	2.44E-01
3604	Gridded	1.27E-02	1.08E-03	1.25E-05	2.09E-06	5.93E-03	6.12E-04	1.32E-02	1.22E-03	1.31E-02	1.20E-03	1.27E-02	1.07E-03	1.47E-02	1.68E-03	1.47E-02	1.68E-03	2.36E-02	2.00E-03	1.32E-02	1.22E-03	1.74E-04	2.91E-05	1.27E-02	1.08E-03	1.19E-04	1.99E-05	1.27E-02	1.08E-03	9.26E-01	2.54E-01	8.72E-01	2.40E-01
3605	Gridded	8.97E-03	1.15E-03	1.19E-05	1.51E-06	3.97E-03	5.86E-04	9.09E-03	1.24E-03	9.07E-03	1.23E-03	8.96E-03	1.15E-03	9.49E-03	1.53E-03	9.49E-03	1.53E-03	1.66E-02	2.13E-03	9.09E-03	1.24E-03	1.65E-04	2.09E-05	8.96E-03	1.15E-03	1.13E-04	1.43E-05	8.97E-03	1.15E-03	7.03E-01	1.93E-01	7.95E-01	1.89E-01
3606	Gridded	7.02E-03	8.64E-04	1.01E-05	1.49E-06	3.49E-03	4.23E-04	7.49E-03	9.15E-04	7.42E-03	9.07E-04	7.00E-03	8.62E-04	8.99E-03	1.08E-03	8.99E-03	1.08E-03	1.30E-02	1.60E-03	7.49E-03	9.15E-04	1.40E-04	2.07E-05	7.01E-03	8.63E-04	9.58E-05	1.42E-05	7.03E-03	8.65E-04	9.84E-01	1.75E-01	1.03E+00	1.89E-01
3607	Gridded	6.98E-03	7.89E-04	9.71E-06	1.01E-06	3.33E-03	4.10E-04	7.31E-03	8.58E-04	7.26E-03	8.48E-04	6.97E-03	7.85E-04	8.36E-03	1.08E-03	8.36E-03	1.08E-03	1.29E-02	1.46E-03	7.31E-03	8.58E-04	1.35E-04	1.41E-05	6.98E-03	7.88E-04	9.21E-05	9.61E-06	6.99E-03	7.90E-04	8.25E-01	2.49E-01	1.37E+00	2.16E-01
3608	Gridded	6.03E-03	6.54E-04	9.23E-06	1.06E-06	3.01E-03	3.30E-04	6.44E-03	6.80E-04	6.38E-03	6.76E-04	6.01E-03	6.53E-04	7.75E-03	8.98E-04	7.75E-03	8.98E-04	1.12E-02	1.21E-03	6.44E-03	6.80E-04	1.28E-04	1.47E-05	6.02E-03	6.54E-04	8.76E-05	1.01E-05	6.04E-03	6.55E-04	7.79E-01	2.89E-01	1.07E+00	2.39E-01
3609	Gridded	5.55E-03	6.93E-04	8.87E-06	1.05E-06	2.94E-03	3.68E-04	6.05E-03	7.61E-04	5.98E-03	7.51E-04	5.52E-03	6.89E-04	7.94E-03	9.81E-04	7.94E-03	9.81E-04	1.03E-02	1.28E-03	6.05E-03	7.61E-04	1.23E-04	1.46E-05	5.53E-03	6.92E-04	8.42E-05	9.96E-06	5.55E-03	6.94E-04	8.34E-01	2.93E-01	1.77E+00	2.24E-01
3610	Gridded	7.55E-03	1.02E-03	8.23E-06	1.26E-06	3.65E-03	5.28E-04	7.95E-03	1.11E-03	7.89E-03	1.10E-03	7.53E-03	1.02E-03	9.22E-03	1.39E-03	9.22E-03	1.39E-03	1.40E-02	1.90E-03	7.95E-03	1.11E-03	1.14E-04	1.75E-05	7.55E-03	1.02E-03	7.81E-05	1.19E-05	7.56E-03	1.03E-03	8.85E-01	2.92E-01	2.22E+00	2.05E-01
3611	Gridded	7.72E-03	1.26E-03	1.03E-05	1.08E-06	3.59E-03	6.15E-04	7.99E-03	1.33E-03	7.95E-03	1.32E-03	7.71E-03	1.25E-03	9.26E-03	1.57E-03	9.26E-03	1.57E-03	1.43E-02	2.33E-03	7.99E-03	1.33E-03	1.42E-04	1.50E-05	7.72E-03	1.26E-03	9.73E-05	1.02E-05	7.73E-03	1.26E-03	8.55E-01	1.99E-01	1.68E+00	1.87E-01
3612	Gridded	7.73E-03	9.69E-04	9.64E-06	1.23E-06	3.86E-03	4.66E-04	8.21E-03	1.02E-03	8.14E-03	1.01E-03	7.70E-03	9.67E-04	1.00E-02	1.17E-03	1.00E-02	1.17E-03	1.43E-02	1.80E-03	8.21E-03	1.02E-03	1.34E-04	1.71E-05	7.72E-03	9.68E-04	9.15E-05	1.17E-05	7.73E-03	9.70E-04	7.84E-01	2.12E-01	9.19E-01	1.58E-01
3613	Gridded	7.93E-03	5.80E-04	1.04E-05	1.24E-06	4.14E-03	3.36E-04	8.64E-03	6.63E-04	8.54E-03	6.52E-04	7.90E-03	5.75E-04	1.09E-02	9.35E-04	1.09E-02	9.35E-04	1.47E-02	1.07E-03	8.64E-03	6.63E-04	1.45E-04	1.72E-05	7.92E-03	5.78E-04	9.89E-05	1.18E-05	7.94E-03	5.81E-04	6.77E-01	1.54E-01	9.25E-01	1.69E-01
3614	Gridded	7.92E-03	5.92E-04	8.24E-06	1.09E-06	3.90E-03	3.30E-04	8.41E-03	6.65E-04	8.34E-03	6.55E-04	7.89E-03	5.88E-04	9.98E-03	9.02E-04	9.98E-03	9.02E-04	1.47E-02	1.09E-03	8.41E-03	6.65E-04	1.14E-04	1.51E-05	7.91E-03	5.90E-04	7.82E-05	1.03E-05	7.93E-03	5.93E-04	7.01E-01	9.84E-02	1.05E+00	1.38E-01
3615	Gridded	7.82E-03	1.09E-03	9.27E-06	1.39E-06	3.64E-03	5.35E-04	8.10E-03	1.16E-03	8.06E-03	1.15E-03	7.80E-03	1.09E-03	9.01E-03	1.37E-03	9.01E-03	1.37E-03	1.45E-02	2.02E-03	8.10E-03	1.16E-03	1.29E-04	1.92E-05	7.81E-03	1.09E-03	8.79E-05	1.32E-05	7.82E-03	1.09E-03	9.49E-01	1.47E-01	1.54E+00	1.00E-01
3616	Gridded	8.54E-03	1.40E-03	1.05E-05	1.55E-06	4.40E-03	6.69E-04	9.25E-03	1.46E-03	9.15E-03	1.45E-03	8.50E-03	1.39E-03	1.15E-02	1.68E-03	1.15E-02	1.68E-03	1.58E-02	2.59E-03	9.25E-03	1.46E-03	1.45E-04	2.15E-05	8.53E-03	1.39E-03	9.92E-05	1.47E-05	8.55E-03	1.40E-03	1.19E+00	1.79E-01	1.62E+00	1.42E-01
3617	Gridded	1.05E-02	1.29E-03	1.09E-05	1.56E-06	5.28E-03	6.12E-04	1.13E-02	1.34E-03	1.12E-02	1.34E-03	1.05E-02	1.28E-03	1.36E-02	1.53E-03	1.36E-02	1.53E-03	1.95E-02	2.38E-03	1.13E-02	1.34E-03	1.51E-04	2.17E-05	1.05E-02	1.28E-03	1.03E-04	1.48E-05	1.05E-02	1.29E-03	1.14E+00	1.83E-01	1.96E+00	1.71E-01
3618	Gridded	1.11E-02	9.99E-04	1.02E-05	1.47E-06	5.47E-03	5.32E-04	1.18E-02	1.10E-03	1.17E-02	1.08E-03	1.10E-02	9.94E-04	1.40E-02	1.42E-03	1.40E-02	1.42E-03	2.05E-02	1.85E-03	1.18E-02	1.10E-03	1.41E-04	2.04E-05	1.11E-02	9.97E-04	9.65E-05	1.40E-05	1.11E-02	1.00E-03	8.63E-01	1.70E-01	1.80E+00	1.80E-01
3619	Gridded	1.02E-02	1.12E-03	8.62E-06	1.40E-06	4.98E-03	5.79E-04	1.08E-02	1.22E-03	1.07E-02	1.20E-03	1.02E-02	1.12E-03	1.27E-02	1.52E-03	1.27E-02	1.52E-03	1.89E-02	2.07E-03	1.08E-02	1.22E-03	1.20E-04	1.95E-05	1.02E-02	1.12E-03	8.18E-05	1.33E-05	1.02E-02	1.12E-03	9.76E-01	1.44E-01	1.44E+00	1.69E-01
3620	Gridded	8.47E-03	1.20E-03	6.88E-06	1.42E-06	4.11E-03	6.16E-04	8.93E-03	1.30E-03	8.87E-03	1.29E-03	8.44E-03	1.20E-03	1.04E-02	1.61E-03	1.04E-02	1.61E-03	1.57E-02	2.23E-03	8.93E-03	1.30E-03	9.54E-05	1.97E-05	8.46E-03	1.20E-03	6.52E-05	1.35E-05	8.47E-03	1.20E-03	1.05E+00	1.26E-01	1.88E+00	1.46E-01
3621	Gridded	7.20E-03	1.20E-03	7.10E-06	1.36E-06	3.51E-03	6.09E-04	7.60E-03	1.29E-03	7.54E-03	1.27E-03	7.18E-03	1.19E-03	8.90E-03	1.59E-03	8.90E-03	1.59E-03	1.33E-02	2.21E-03	7.60E-03	1.29E-03	9.84E-05	1.89E-05	7.19E-03	1.19E-03	6.73E-05	1.29E-05	7.20E-03	1.20E-03	9.86E-01	1.51E-01	2.27E+00	1.23E-01
3622	Gridded	7.27E-03	1.17E-03	7.29E-06	1.28E-06	3.63E-03	5.74E-04	7.76E-03	1.24E-03	7.69E-03	1.23E-03	7.24E-03	1.16E-03	9.35E-03	1.49E-03	9.35E-03	1.49E-03	1.35E-02	2.16E-03	7.76E-03	1.24E-03	1.01E-04	1.77E-05	7.26E-03	1.17E-03	6.91E-05	1.21E-05	7.27E-03	1.17E-03	9.56E-01	1.69E-01	3.26E+00	1.62E-01
3623	Gridded	1.02E-02	1.30E-03	1.15E-05	1.52E-06	5.17E-03	6.60E-04	1.10E-02	1.40E-03	1.08E-02	1.38E-03	1.01E-02	1.29E-03	1.35E-02	1.72E-03	1.35E-02	1.72E-03	1.88E-02	2.41E-03	1.10E-02	1.40E-03	1.59E-04	2.11E-05	1.02E-02	1.30E-03	1.09E-04	1.44E-05	1.02E-02	1.30E-03	7.53E-01	1.56E-01	1.25E+00	1.51E-01
3624	Gridded	1.08E-02	1.30E-03	9.69E-06	1.74E-06	5.20E-03	6.50E-04	1.14E-02	1.39E-03	1.13E-02	1.38E-03	1.08E-02	1.30E-03	1.31E-02	1.67E-03	1.31E-02	1.67E-03	2.01E-02	2.41E-03	1.14E-02	1.39E-03	1.34E-04	2.41E-05	1.08E-02	1.30E-03	9.20E-05	1.65E-05	1.09E-02	1.30E-03	7.60E-01	1.41E-01	1.53E+00	1.58E-01
3625	Gridded	9.57E-03	1.29E-03	1.13E-05	1.94E-06	4.39E-03	6.89E-04	9.84E-03	1.42E-03	9.80E-03	1.40E-03	9.55E-03	1.28E-03	1.07E-02	1.84E-03	1.07E-02	1.84E-03	1.78E-02	2.38E-03	9.84E-03	1.42E-03	1.56E-04	2.68E-05	9.56E-03	1.29E-03	1.07E-04	1.84E-05	9.57E-03	1.29E-03	8.04E-01	1.46E-01	1.69E+00	1.72E-01
3626	Gridded	8.49E-03	1.56E-03	1.30E-05	2.33E-06	4.23E-03	8.17E-04	8.97E-03	1.70E-03	8.91E-03	1.69E-03	8.46E-03	1.56E-03	1.11E-02	2.16E-03	1.11E-02	2.16E-03	1.57E-02	2.90E-03	8.97E-03	1.70E-03	1.80E-04	3.24E-05	8.48E-03	1.56E-03	1.23E-04	2.22E-05	8.49E-03	1.57E-03	8.06E-01	1.54E-01	1.64E+00	1.82E-01
3627	Gridded	9.14E-03	1.81E-03	1.22E-05	2.67E-06	4.65E-03	9.33E-04	9.78E-03	1.95E-03	9.67E-03	1.93E-03	9.11E-03	1.80E-03	1.22E-02	2.50E-03	1.22E-02	2.50E-03	1.69E-02	3.35E-03	9.78E-03	1.95E-03	1.70E-04	3.70E-05	9.13E-03	1.81E-03	1.16E-04	2.53E-05	9.15E-03	1.81E-03	8.94E-01	1.65E-01	1.35E+00	2.60E-01
3628	Gridded	1.02E-02	2.17E-03	1.43E-05	2.81E-06	4.99E-03	1.12E-03	1.08E-02	2.35E-03	1.07E-02	2.32E-03	1.02E-02	2.16E-03	1.27E-02	2.94E-03	1.27E-02	2.94E-03	1.89E-02	4.01E-03	1.08E-02	2.35E-03	1.99E-04	3.90E-05	1.02E-02	2.16E-03	1.36E-04	2.67E-05	1.02E-02	2.17E-03	8.90E-01	2.63E-01	1.02E+00	3.66E-01
3629	Gridded	1.00E-02	2.37E-03	1.58E-05	3.38E-06	4.92E-03	1.18E-03	1.06E-02	2.53E-03	1.05E-02	2.51E-03	1.00E-02	2.36E-03	1.27E-02	3.04E-03	1.27E-02	3.04E-03	1.86E-02	4.39E-03	1.06E-02	2.53E-03	2.20E-04	4.69E-05	1.00E-02	2.37E-03	1.50E-04	3.21E-05	1.01E-02	2.37E-03	9.32E-01	3.45E-01	1.20E+00	3.69E-01
3630	Gridded	1.01E-02	2.24E-03	1.58E-05	3.50E-06	4.93E-03	1.09E-03	1.07E-02	2.37E-03	1.06E-02	2.35E-03	1.01E-02	2.24E-03	1.26E-02	2.78E-03	1.26E-02	2.78E-03	1.87E-02	4.16E-03	1.07E-02	2.37E-03	2.20E-04	4.85E-05	1.01E-02	2.24E-03	1.50E-04	3.32E-05	1.01E-02	2.24E-03	9.92E-01	3.32E-01	1.28E+00	3.11E-01
3631	Gridded	1.26E-02	2.38E-03	1.43E-05	2.62E-06	5.99E-03	1.20E-03	1.32E-02	2.56E-03	1.31E-02	2.53E-03	1.26E-02	2.37E-03	1.50E-02	3.13E-03	1.50E-02	3.13E-03	2.34E-02	4.40E-03	1.32E-02	2.56E-03	1.99E-04	3.64E-05	1.26E-02	2.37E-03	1.36E-04	2.49E-05	1.26E-02	2.38E-03	9.78E-01	3.08E-01	1.27E+00	2.38E-01
3632	Gridded	1.21E-02	2.40E-03	1.03E-05	1.65E-06	5.43E-03	1.12E-03	1.24E-02	2.48E-03	1.23E-02	2.47E-03	1.21E-02	2.39E-03	1.37E-02	2.77E-03	1.37E-02	2.77E-03	2.25E-02	4.44E-03	1.24E-02	2.48E-03	1.44E-04	2.28E-05	1.21E-02	2.39E-03	9.82E-05	1.56E-05	1.21E-02	2.40E-03	1.04E+00	2.17E-01	1.03E+00	1.78E-01
3633	Gridded	1.36E-02	1.67E-03	1.35E-05	2.25E-06	6.03E-03	8.11E-04	1.38E-02	1.76E-03	1.38E-02	1.75E-03	1.36E-02	1.67E-03	1.44E-02	2.05E-03	1.44E-02	2.05E-03	2.52E-02	3.10E-03	1.38E-02	1.76E-03	1.87E-04	3.13E-05	1.36E-02	1.67E-03	1.28E-04	2.14E-05	1.36E-02	1.68E-03	8.96E-01	1.77E-01	8.92E-01	2.12E-01
3634	Gridded	1.15E-02	1.17E-03	1.29E-05	2.49E-06	5.61E-03	6.15E-04	1.21E-02	1.26E-03	1.20E-02	1.24E-03	1.14E-02	1.17E-03	1.43E-02	1.74E-03	1.43E-02	1.74E-03	2.13E-02	2.17E-03	1.21E-02	1.26E-03	1.79E-04	3.45E-05	1.15E-02	1.17E-03	1.22E-04	2.36E-05	1.15E-02	1.17E-03	9.04E-01	2.39E-01	8.73E-01	2.46E-01
3635	Gridded	1.11E-02	1.31E-03	1.11E-05	1.94E-06	5.08E-03	6.99E-04	1.14E-02	1.44E-03	1.14E-02	1.42E-03	1.11E-02	1.30E-03	1.24E-02	1.87E-03	1.24E-02	1.87E-03	2.06E-02	2.42E-03	1.14E-02	1.44E-03	1.55E-04	2.69E-05	1.11E-02	1.31E-03	1.06E-04	1.84E-05	1.11E-02	1.31E-03	8.10E-01	2.43E-01	7.94E-01	2.18E-01
3636	Gridded	6.71E-03	1.18E-03	1.11E-05	1.59E-06	3.47E-03	5.90E-04	7.28E-03	1.26E-03	7.20E-03	1.25E-03	6.68E-03	1.18E-03	9.12E-03	1.52E-03	9.12E-03	1.52E-03	1.24E-02	2.19E-03	7.28E-03	1.26E-03	1.54E-04	2.20E-05	6.70E-03	1.18E-03	1.05E-04	1.51E-05	6.72E-03	1.18E-03	6.96E-01	1.69E-01	7.34E-01	1.91E-01
3637	Gridded	8.05E-03	7.87E-04	1.05E-05	1.58E-06	3.98E-03	3.86E-04	8.56E-03	8.34E-04	8.49E-03	8.27E-04	8.03E-03	7.84E-04	1.02E-02	1.06E-03	1.02E-02	1.06E-03	1.49E-02	1.46E-03	8.56E-03	8.34E-04	1.46E-04	2.19E-05	8.04E-03	7.86E-04	9.98E-05	1.50E-05	8.06E-03	7.87E-04	9.25E-01	1.64E-01	1.04E+00	1.77E-01
3638	Gridded	7.66E-03	8.03E-04	9.79E-06	1.09E-06	3.66E-03	4.21E-04	8.02E-03	8.76E-04	7.97E-03	8.66E-04	7.64E-03	7.99E-04	9.20E-03	1.12E-03	9.20E-03	1.12E-03	1.42E-02	1.49E-03	8.02E-03	8.76E-04	1.36E-04	1.51E-05	7.65E-03	8.01E-04	9.29E-05	1.04E-05	7.66E-03	8.04E-04	8.19E-01	2.51E-01	1.33E+00	2.21E-01
3639	Gridded	5.87E-03	6.35E-04	8.65E-06	9.79E-07	2.92E-03	3.27E-04	6.25E-03	6.68E-04	6.20E-03	6.61E-04	5.85E-03	6.33E-04	7.50E-03	8.81E-04	7.50E-03	8.81E-04	1.09E-02	1.18E-03	6.25E-03	6.68E-04	1.20E-04	1.36E-05	5.86E-03	6.34E-04	8.21E-05	9.29E-06	5.87E-03	6.35E-04	7.84E-01	2.85E-01	1.09E+00	2.42E-01
3640	Gridded	5.53E-03	6.73E-04	8.38E-06	1.20E-06	2.89E-03	3.56E-04	6.03E-03	7.37E-04	5.96E-03	7.28E-04	5.50E-03	6.69E-04	7.64E-03	9.46E-04	7.64E-03	9.46E-04	1.02E-02	1.24E-03	6.03E-03	7.37E-04	1.16E-04	1.67E-05	5.52E-03	6.71E-04	7.95E-05	1.14E-05	5.53E-03	6.73E-04	8.12E-01	2.94E-01	1.67E+00	2.29E-01
3641	Gridded	6.44E-03	8.99E-04	8.07E-06	1.34E-06	3.28E-03	4.79E-04	6.92E-03	9.89E-04	6.85E-03	9.76E-04	6.41E-03	8.94E-04	8.55E-03	1.28E-03	8.55E-03	1.28E-03	1.19E-02	1.66E-03	6.92E-03	9.89E-04	1.12E-04	1.85E-05	6.43E-03	8.97E-04	7.66E-05	1.27E-05	6.44E-03	9.00E-04	8.84E-01	2.84E-01	2.15E+00	2.04E-01
3642	Gridded	7.31E-03	1.25E-03	1.06E-05	1.23E-06	3.48E-03	6.20E-04	7.64E-03	1.33E-03	7.60E-03	1.32E-03	7.29E-03	1.24E-03	8.72E-03	1.60E-03	8.72E-03	1.60E-03	1.36E-02	2.31E-03	7.64E-03	1.33E-03	1.47E-04	1.70E-05	7.30E-03	1.24E-03	1.00E-04	1.16E-05	7.31E-03	1.25E-03	8.15E-01	2.23E-01	1.77E+00	2.03E-01
3643	Gridded	8.25E-03	1.13E-03	9.40E-06	1.15E-06	4.20E-03	5.49E-04	8.88E-03	1.19E-03	8.79E-03	1.18E-03	8.21E-03	1.13E-03	1.09E-02	1.39E-03	1.09E-02	1.39E-03	1.53E-02	2.10E-03	8.88E-03	1.19E-03	1.30E-04	1.60E-05	8.23E-03	1.13E-03	8.92E-05	1.09E-05	8.25E-03	1.13E-03	7.92E-01	2.03E-01	9.62E-01	1.59E-01
3644	Gridded	9.12E-03	7.73E-04	1.06E-05	1.23E-06	4.52E-03	3.71E-04	9.70E-03	8.11E-04	9.62E-03	8.05E-04	9.09E-03	7.71E-04	1.16E-02	9.94E-04	1.16E-02	9.94E-04	1.69E-02	1.43E-03	9.70E-03	8.11E-04	1.48E-04	1.71E-05	9.11E-03	7.72E-04	1.01E-04	1.17E-05	9.13E-03	7.73E-04	7.46E-01	1.83E-01	8.33E-01	1.78E-01
3645	Gridded	8.81E-03	6.88E-04	8.98E-06	1.16E-06	4.41E-03	3.77E-04	9.41E-03	7.67E-04	9.33E-03	7.56E-04	8.77E-03	6.84E-04	1.14E-02	1.02E-03	1.14E-02	1.02E-03	1.63E-02	1.27E-03	9.41E-03	7.67E-04	1.25E-04	1.61E-05	8.79E-03	6.87E-04	8.52E-05	1.10E-05	8.82E-03	6.89E-04	6.91E-01	1.14E-01	9.59E-01	1.48E-01
3646	Gridded	7.10E-03	6.80E-04	8.65E-06	1.10E-06	3.43E-03	3.52E-04	7.48E-03	7.38E-04	7.42E-03	7.29E-04	7.08E-03	6.77E-04	8.68E-03	9.24E-04	8.68E-03	9.24E-04	1.32E-02	1.26E-03	7.48E-03	7.38E-04	1.20E-04	1.53E-05	7.10E-03	6.79E-04	8.21E-05	1.05E-05	7.11E-03	6.81E-04	6.91E-01	1.09E-01	1.21E+00	1.11E-01
3647	Gridded	7.90E-03	1.22E-03	1.01E-05	1.35E-06	4.10E-03	6.01E-04	8.58E-03	1.29E-03	8.48E-03	1.28E-03	7.86E-03	1.21E-03	1.08E-02	1.54E-03	1.08E-02	1.54E-03	1.46E-02	2.26E-03	8.58E-03	1.29E-03	1.40E-04	1.87E-05	7.88E-03	1.22E-03	9.60E-05	1.28E-05	7.91E-03	1.22E-03	1.04E+00	1.54E-01	1.61E+00	1.13E-01
3648	Gridded	1.02E-02	1.44E-03	1.12E-05	1.49E-06	5.15E-03	6.96E-04	1.09E-02	1.51E-03	1.08E-02	1.50E-03	1.01E-02	1.43E-03	1.34E-02	1.76E-03	1.34E-02	1.76E-03	1.88E-02	2.67E-03	1.09E-02	1.51E-03	1.55E-04	2.07E-05	1.02E-02	1.44E-03	1.06E-04	1.42E-05	1.02E-02	1.44E-03	1.18E+00	1.73E-01	1.70E+00	1.55E-01
3649	Gridded	1.14E-02	1.33E-03	1.12E-05	1.49E-06	5.68E-03	6.38E-04	1.22E-02	1.40E-03	1.20E-02	1.39E-03	1.14E-02	1.33E-03	1.46E-02	1.61E-03	1.46E-02	1.61E-03	2.11E-02	2.47E-03	1.22E-02	1.40E-03	1.55E-04	2.06E-05	1.14E-02	1.33E-03	1.06E-04	1.41E-05	1.14E-02	1.33E-03	1.05E+00	1.73E-01	1.83E+00	1.77E-01
3650	Gridded	1.13E-02	1.03E-03	1.03E-05	1.38E-06	5.56E-03	5.34E-04	1.20E-02	1.11E-03	1.19E-02	1.10E-03	1.13E-02	1.03E-03	1.42E-02	1.41E-03	1.42E-02	1.41E-03	2.09E-02	1.92E-03	1.20E-02	1.11E-03	1.43E-04	1.91E-05	1.13E-02	1.03E-03	9.75E-05	1.31E-05	1.13E-02	1.04E-03	8.00E-01	1.60E-01	1.60E+00	1.81E-01
3651	Gridded	1.01E-02	1.08E-03	8.69E-06	1.23E-06	4.94E-03	5.48E-04	1.07E-02	1.16E-03	1.06E-02	1.15E-03	1.01E-02	1.07E-03	1.26E-02	1.43E-03	1.26E-02	1.43E-03	1.87E-02	1.99E-03	1.07E-02	1.16E-03	1.21E-04	1.70E-05	1.01E-02	1.07E-03	8.25E-05	1.17E-05	1.01E-02	1.08E-03	9.81E-01	1.39E-01	1.48E+00	1.66E-01
3652	Gridded	8.37E-03	1.11E-03	6.93E-06	1.24E-06	4.07E-03	5.65E-04	8.83E-03	1.20E-03	8.77E-03	1.19E-03	8.34E-03	1.11E-03	1.03E-02	1.47E-03	1.03E-02	1.47E-03	1.55E-02	2.06E-03	8.83E-03	1.20E-03	9.61E-05	1.72E-05	8.36E-03	1.11E-03	6.58E-05	1.17E-05	8.38E-03	1.12E-03	1.04E+00	1.20E-01	1.86E+00	1.39E-01
3653	Gridded	6.91E-03	1.09E-03	6.97E-06	1.22E-06	3.42E-03	5.55E-04	7.35E-03	1.18E-03	7.29E-03	1.16E-03	6.88E-03	1.09E-03	8.78E-03	1.44E-03	8.78E-03	1.44E-03	1.28E-02	2.03E-03	7.35E-03	1.18E-03	9.66E-05	1.69E-05	6.90E-03	1.09E-03	6.61E-05	1.16E-05	6.91E-03	1.09E-03	9.84E-01	1.43E-01	2.04E+00	1.17E-01
3654	Gridded	1.02E-02	1.26E-03	9.28E-06	1.69E-06	4.84E-03	6.30E-04	1.06E-02	1.35E-03	1.06E-02	1.34E-03	1.02E-02	1.26E-03	1.21E-02	1.62E-03	1.21E-02	1.62E-03	1.89E-02	2.34E-03	1.06E-02	1.35E-03	1.29E-04	2.34E-05	1.02E-02	1.26E-03	8.81E-05	1.60E-05	1.02E-02	1.26E-03	7.22E-01	1.35E-01	1.41E+00	1.50E-01
3655	Gridded	8.40E-03	1.30E-03	1.15E-05	1.83E-06	3.86E-03	6.86E-04	8.63E-03	1.43E-03	8.60E-03	1.41E-03	8.38E-03	1.30E-03	9.96E-03	1.82E-03	9.96E-03	1.82E-03	1.56E-02	2.41E-03	8.63E-03	1.43E-03	1.59E-04	2.53E-05	8.39E-03	1.30E-03	1.09E-04	1.73E-05	8.40E-03	1.31E-03	7.58E-01	1.40E-01	1.53E+00	1.58E-01
3656	Gridded	7.87E-03	1.50E-03	1.27E-05	2.17E-06	3.94E-03	7.76E-04	8.35E-03	1.63E-03	8.28E-03	1.61E-03	7.84E-03	1.50E-03	1.02E-02	2.04E-03	1.02E-02	2.04E-03	1.46E-02	2.78E-03	8.35E-03	1.63E-03	1.77E-04	3.02E-05	7.86E-03	1.50E-03	1.21E-04	2.06E-05	7.88E-03	1.51E-03	7.51E-01	1.42E-01	1.51E+00	1.67E-01
3657	Gridded	8.61E-03	1.69E-03	1.10E-05	2.44E-06	4.45E-03	8.95E-04	9.33E-03	1.85E-03	9.23E-03	1.83E-03	8.57E-03	1.68E-03	1.17E-02	2.39E-03	1.17E-02	2.39E-03	1.59E-02	3.12E-03	9.33E-03	1.85E-03	1.53E-04	3.38E-05	8.60E-03	1.68E-03	1.05E-04	2.31E-05	8.62E-03	1.69E-03	8.28E-01	1.51E-01	1.31E+00	2.36E-01
3658	Gridded	9.95E-03	2.08E-03	1.40E-05	2.68E-06	4.70E-03	1.07E-03	1.04E-02	2.25E-03	1.03E-02	2.23E-03	9.92E-03	2.07E-03	1.17E-02	2.80E-03	1.17E-02	2.80E-03	1.84E-02	3.86E-03	1.04E-02	2.25E-03	1.93E-04	3.71E-05	9.94E-03	2.08E-03	1.32E-04	2.54E-05	9.95E-03	2.08E-03	8.46E-01	2.39E-01	9.73E-01	3.45E-01
3659	Gridded	9.49E-03	2.31E-03	1.47E-05	3.30E-06	4.66E-03	1.15E-03	1.01E-02	2.46E-03	9.98E-03	2.44E-03	9.46E-03	2.30E-03	1.20E-02	2.96E-03	1.20E-02	2.96E-03	1.76E-02	4.28E-03	1.01E-02	2.46E-03	2.04E-04	4.57E-05	9.47E-03	2.31E-03	1.40E-04	3.13E-05	9.49E-03	2.31E-03	9.00E-01	3.32E-01	1.13E+00	3.87E-01
3660	Gridded	1.03E-02	2.24E-03	1.71E-05	3.64E-06	4.94E-03	1.09E-03	1.08E-02	2.36E-03	1.07E-02	2.34E-03	1.03E-02	2.23E-03	1.24E-02	2.83E-03	1.24E-02	2.83E-03	1.91E-02	4.15E-03	1.08E-02	2.36E-03	2.37E-04	5.05E-05	1.03E-02	2.23E-03	1.62E-04	3.45E-05	1.03E-02	2.24E-03	9.28E-01	3.44E-01	1.31E+00	3.17E-01
3661	Gridded	1.23E-02	2.38E-03	1.40E-05	3.07E-06	6.10E-03	1.24E-03	1.31E-02	2.59E-03	1.30E-02	2.56E-03	1.23E-02	2.37E-03	1.56E-02	3.26E-03	1.56E-02	3.26E-03	2.29E-02	4.41E-03	1.31E-02	2.59E-03	1.95E-04	4.25E-05	1.23E-02	2.38E-03	1.33E-04	2.91E-05	1.24E-02	2.39E-03	9.45E-01	3.08E-01	1.24E+00	2.62E-01
3662	Gridded	1.26E-02	2.57E-03	1.34E-05	1.86E-06	5.81E-03	1.23E-03	1.30E-02	2.70E-03	1.29E-02	2.68E-03	1.26E-02	2.57E-03	1.43E-02	3.11E-03	1.43E-02	3.11E-03	2.35E-02	4.77E-03	1.30E-02	2.70E-03	1.86E-04	2.58E-05	1.26E-02	2.57E-03	1.27E-04	1.76E-05	1.26E-02	2.58E-03	9.78E-01	2.43E-01	1.11E+00	1.88E-01
3663	Gridded	1.36E-02	2.03E-03	1.13E-05	1.83E-06	6.29E-03	9.24E-04	1.41E-02	2.08E-03	1.40E-02	2.07E-03	1.36E-02	2.03E-03	1.55E-02	2.25E-03	1.55E-02	2.25E-03	2.53E-02	3.77E-03	1.41E-02	2.08E-03	1.57E-04	2.53E-05	1.36E-02	2.03E-03	1.08E-04	1.73E-05	1.36E-02	2.03E-03	8.49E-01	1.69E-01	8.12E-01	1.81E-01
3664	Gridded	1.05E-02	1.43E-03	1.25E-05	2.45E-06	4.62E-03	6.97E-04	1.05E-02	1.51E-03	1.05E-02	1.50E-03	1.05E-02	1.43E-03	1.21E-02	1.77E-03	1.21E-02	1.77E-03	1.94E-02	2.65E-03	1.05E-02	1.51E-03	1.73E-04	3.39E-05	1.05E-02	1.43E-03	1.18E-04	2.32E-05	1.05E-02	1.43E-03	8.93E-01	2.00E-01	8.38E-01	2.27E-01
3665	Gridded	1.11E-02	1.31E-03	1.17E-05	2.39E-06	5.29E-03	7.30E-04	1.16E-02	1.47E-03	1.16E-02	1.45E-03	1.11E-02	1.30E-03	1.32E-02	1.99E-03	1.32E-02	1.99E-03	2.07E-02	2.42E-03	1.16E-02	1.47E-03	1.63E-04	3.31E-05	1.11E-02	1.31E-03	1.11E-04	2.27E-05	1.12E-02	1.31E-03	9.22E-01	2.44E-01	9.05E-01	2.45E-01
3666	Gridded	8.98E-03	1.46E-03	1.15E-05	1.76E-06	4.05E-03	7.48E-04	9.17E-03	1.58E-03	9.15E-03	1.56E-03	8.97E-03	1.45E-03	9.95E-03	1.96E-03	9.95E-03	1.96E-03	1.67E-02	2.70E-03	9.17E-03	1.58E-03	1.59E-04	2.44E-05	8.98E-03	1.46E-03	1.09E-04	1.67E-05	8.98E-03	1.46E-03	8.10E-01	2.26E-01	8.28E-01	2.00E-01
3667	Gridded	8.03E-03	1.18E-03	1.03E-05	1.62E-06	4.10E-03	5.80E-04	8.66E-03	1.25E-03	8.57E-03	1.24E-03	8.00E-03	1.17E-03	1.07E-02	1.48E-03	1.07E-02	1.48E-03	1.49E-02	2.18E-03	8.66E-03	1.25E-03	1.43E-04	2.25E-05	8.02E-03	1.18E-03	9.76E-05	1.54E-05	8.04E-03	1.18E-03	7.65E-01	1.65E-01	7.28E-01	1.91E-01
3668	Gridded	8.99E-03	7.69E-04	1.06E-05	1.66E-06	4.43E-03	4.31E-04	9.54E-03	8.44E-04	9.46E-03	8.28E-04	8.96E-03	7.65E-04	1.13E-02	1.21E-03	1.13E-02	1.21E-03	1.67E-02	1.42E-03	9.54E-03	8.44E-04	1.47E-04	2.31E-05	8.98E-03	7.68E-04	1.00E-04	1.58E-05	9.00E-03	7.70E-04	8.45E-01	1.67E-01	1.03E+00	1.71E-01
3669	Gridded	8.26E-03	8.83E-04	9.62E-06	1.20E-06	3.96E-03	4.61E-04	8.66E-03	9.62E-04	8.60E-03	9.51E-04	8.24E-03	8.79E-04	9.96E-03	1.22E-03	9.96E-03	1.22E-03	1.53E-02	1.63E-03	8.66E-03	9.62E-04	1.33E-04	1.66E-05	8.25E-03	8.81E-04	9.13E-05	1.14E-05	8.26E-03	8.84E-04	8.00E-01	2.50E-01	1.31E+00	2.25E-01
3670	Gridded	6.03E-03	6.94E-04	8.53E-06	1.02E-06	2.83E-03	3.35E-04	6.27E-03	7.30E-04	6.23E-03	7.25E-04	6.02E-03	6.93E-04	7.22E-03	8.46E-04	7.22E-03	8.46E-04	1.12E-02	1.29E-03	6.27E-03	7.30E-04	1.18E-04	1.41E-05	6.03E-03	6.94E-04	8.10E-05	9.67E-06	6.03E-03	6.95E-04	7.84E-01	2.81E-01	1.13E+00	2.43E-01
3671	Gridded	5.56E-03	6.74E-04	7.78E-06	1.36E-06	2.88E-03	3.52E-04	6.04E-03	7.35E-04	5.97E-03	7.26E-04	5.53E-03	6.71E-04	7.59E-03	9.31E-04	7.59E-03	9.31E-04	1.03E-02	1.25E-03	6.04E-03	7.35E-04	1.08E-04	1.89E-05	5.55E-03	6.73E-04	7.38E-05	1.29E-05	5.57E-03	6.75E-04	8.06E-01	2.96E-01	1.56E+00	2.38E-01
3672	Gridded	6.41E-03	9.07E-04	8.14E-06	1.39E-06	3.26E-03	4.87E-04	6.90E-03	1.00E-03	6.83E-03	9.88E-04	6.39E-03	9.02E-04	8.49E-03	1.31E-03	8.49E-03	1.31E-03	1.19E-02	1.68E-03	6.90E-03	1.00E-03	1.13E-04	1.93E-05	6.40E-03	9.05E-04	7.73E-05	1.32E-05	6.42E-03	9.08E-04	8.56E-01	2.70E-01	2.06E+00	1.99E-01
3673	Gridded	7.31E-03	1.31E-03	9.88E-06	1.31E-06	3.47E-03	6.53E-04	7.61E-03	1.40E-03	7.57E-03	1.38E-03	7.29E-03	1.30E-03	8.79E-03	1.68E-03	8.79E-03	1.68E-03	1.36E-02	2.42E-03	7.61E-03	1.40E-03	1.37E-04	1.82E-05	7.30E-03	1.31E-03	9.38E-05	1.24E-05	7.31E-03	1.31E-03	7.56E-01	2.37E-01	1.84E+00	2.12E-01
3674	Gridded	8.52E-03	1.27E-03	1.01E-05	1.11E-06	4.37E-03	6.18E-04	9.20E-03	1.34E-03	9.11E-03	1.33E-03	8.48E-03	1.27E-03	1.14E-02	1.57E-03	1.14E-02	1.57E-03	1.58E-02	2.36E-03	9.20E-03	1.34E-03	1.40E-04	1.54E-05	8.51E-03	1.27E-03	9.58E-05	1.06E-05	8.53E-03	1.27E-03	7.95E-01	1.79E-01	1.11E+00	1.59E-01
3675	Gridded	9.86E-03	9.55E-04	9.79E-06	1.17E-06	4.92E-03	4.58E-04	1.05E-02	1.00E-03	1.04E-02	9.95E-04	9.83E-03	9.53E-04	1.27E-02	1.15E-03	1.27E-02	1.15E-03	1.83E-02	1.77E-03	1.05E-02	1.00E-03	1.36E-04	1.62E-05	9.85E-03	9.54E-04	9.29E-05	1.11E-05	9.87E-03	9.56E-04	7.68E-01	1.98E-01	7.50E-01	1.76E-01
3676	Gridded	9.49E-03	7.40E-04	9.77E-06	1.18E-06	4.66E-03	4.01E-04	1.01E-02	8.20E-04	9.97E-03	8.09E-04	9.46E-03	7.36E-04	1.19E-02	1.08E-03	1.19E-02	1.08E-03	1.76E-02	1.37E-03	1.01E-02	8.20E-04	1.36E-04	1.64E-05	9.48E-03	7.38E-04	9.27E-05	1.12E-05	9.49E-03	7.41E-04	6.38E-01	1.31E-01	9.21E-01	1.56E-01
3677	Gridded	8.30E-03	7.28E-04	7.51E-06	1.08E-06	4.07E-03	3.89E-04	8.80E-03	8.02E-04	8.73E-03	7.91E-04	8.27E-03	7.24E-04	1.04E-02	1.04E-03	1.04E-02	1.04E-03	1.54E-02	1.35E-03	8.80E-03	8.02E-04	1.04E-04	1.50E-05	8.29E-03	7.27E-04	7.13E-05	1.03E-05	8.31E-03	7.29E-04	5.92E-01	9.13E-02	1.00E+00	1.24E-01
3678	Gridded	7.59E-03	9.38E-04	9.55E-06	1.12E-06	3.73E-03	4.78E-04	7.98E-03	1.01E-03	7.93E-03	1.00E-03	7.57E-03	9.34E-04	9.85E-03	1.25E-03	9.85E-03	1.25E-03	1.41E-02	1.74E-03	7.98E-03	1.01E-03	1.32E-04	1.55E-05	7.58E-03	9.37E-04	9.06E-05	1.06E-05	7.59E-03	9.39E-04	8.04E-01	1.24E-01	1.38E+00	8.99E-02
3679	Gridded	9.58E-03	1.41E-03	1.12E-05	1.32E-06	4.89E-03	6.95E-04	1.03E-02	1.50E-03	1.02E-02	1.48E-03	9.54E-03	1.41E-03	1.28E-02	1.78E-03	1.28E-02	1.78E-03	1.77E-02	2.61E-03	1.03E-02	1.50E-03	1.55E-04	1.83E-05	9.56E-03	1.41E-03	1.06E-04	1.25E-05	9.59E-03	1.41E-03	1.05E+00	1.57E-01	1.59E+00	1.32E-01
3680	Gridded	1.13E-02	1.52E-03	1.18E-05	1.39E-06	5.67E-03	7.36E-04	1.21E-02	1.60E-03	1.20E-02	1.59E-03	1.12E-02	1.51E-03	1.47E-02	1.87E-03	1.47E-02	1.87E-03	2.09E-02	2.81E-03	1.21E-02	1.60E-03	1.63E-04	1.93E-05	1.13E-02	1.52E-03	1.12E-04	1.32E-05	1.13E-02	1.52E-03	1.10E+00	1.68E-01	1.67E+00	1.62E-01
3681	Gridded	1.20E-02	1.36E-03	1.14E-05	1.35E-06	5.93E-03	6.57E-04	1.27E-02	1.43E-03	1.26E-02	1.42E-03	1.19E-02	1.36E-03	1.52E-02	1.66E-03	1.52E-02	1.66E-03	2.22E-02	2.53E-03	1.27E-02	1.43E-03	1.58E-04	1.87E-05	1.19E-02	1.36E-03	1.08E-04	1.28E-05	1.20E-02	1.37E-03	9.58E-01	1.67E-01	1.72E+00	1.77E-01
3682	Gridded	1.15E-02	1.07E-03	1.02E-05	1.25E-06	5.64E-03	5.17E-04	1.22E-02	1.12E-03	1.21E-02	1.11E-03	1.14E-02	1.06E-03	1.44E-02	1.36E-03	1.44E-02	1.36E-03	2.13E-02	1.98E-03	1.22E-02	1.12E-03	1.42E-04	1.73E-05	1.15E-02	1.07E-03	9.71E-05	1.18E-05	1.15E-02	1.07E-03	8.12E-01	1.53E-01	1.48E+00	1.77E-01
3683	Gridded	1.01E-02	9.77E-04	8.64E-06	1.13E-06	4.93E-03	4.95E-04	1.07E-02	1.05E-03	1.06E-02	1.04E-03	1.01E-02	9.73E-04	1.26E-02	1.29E-03	1.26E-02	1.29E-03	1.87E-02	1.81E-03	1.07E-02	1.05E-03	1.20E-04	1.57E-05	1.01E-02	9.76E-04	8.20E-05	1.08E-05	1.01E-02	9.78E-04	9.69E-01	1.33E-01	1.47E+00	1.60E-01

Scenario 4 Results

3684 Gridded	8.28E-03	1.01E-03	7.06E-06	1.12E-06	4.04E-03	5.10E-04	8.75E-03	1.08E-03	8.69E-03	1.07E-03	8.26E-03	1.00E-03	1.03E-02	1.33E-03	1.03E-02	1.33E-03	1.54E-02	1.86E-03	8.75E-03	1.08E-03	9.80E-05	1.55E-05	8.27E-03	1.01E-03	6.70E-05	1.06E-05	8.29E-03	1.01E-03	1.02E+00	1.14E-01	1.80E+00	1.34E-01
3685 Gridded	7.51E-03	1.28E-03	1.14E-05	1.77E-06	3.67E-03	6.68E-04	7.86E-03	1.39E-03	7.79E-03	1.38E-03	7.50E-03	1.27E-03	9.44E-03	1.77E-03	9.44E-03	1.77E-03	1.39E-02	2.37E-03	7.86E-03	1.39E-03	1.57E-04	2.45E-05	7.51E-03	1.28E-03	1.08E-04	1.68E-05	7.51E-03	1.28E-03	7.08E-01	1.33E-01	1.44E+00	1.47E-01
3686 Gridded	7.60E-03	1.46E-03	1.22E-05	2.07E-06	3.76E-03	7.50E-04	8.04E-03	1.58E-03	7.98E-03	1.56E-03	7.58E-03	1.46E-03	9.73E-03	1.96E-03	9.73E-03	1.96E-03	1.41E-02	2.71E-03	8.04E-03	1.58E-03	1.69E-04	2.88E-05	7.59E-03	1.46E-03	1.15E-04	1.97E-05	7.60E-03	1.46E-03	7.06E-01	1.33E-01	1.40E+00	1.51E-01
3687 Gridded	8.29E-03	1.61E-03	1.05E-05	2.25E-06	4.28E-03	8.49E-04	8.98E-03	1.76E-03	8.89E-03	1.74E-03	8.26E-03	1.60E-03	1.12E-02	2.26E-03	1.12E-02	2.26E-03	1.54E-02	2.98E-03	8.98E-03	1.76E-03	1.45E-04	3.12E-05	8.28E-03	1.61E-03	9.93E-05	2.13E-05	8.30E-03	1.61E-03	7.65E-01	1.39E-01	1.23E+00	2.12E-01
3688 Gridded	9.23E-03	1.92E-03	1.30E-05	2.47E-06	4.40E-03	9.83E-04	9.66E-03	2.07E-03	9.59E-03	2.05E-03	9.20E-03	1.91E-03	1.10E-02	2.57E-03	1.10E-02	2.57E-03	1.71E-02	3.56E-03	9.66E-03	2.07E-03	1.80E-04	3.42E-05	9.22E-03	1.92E-03	1.23E-04	2.34E-05	9.23E-03	1.92E-03	7.66E-01	2.10E-01	9.61E-01	3.08E-01
3689 Gridded	8.58E-03	2.13E-03	1.33E-05	2.98E-06	4.24E-03	1.06E-03	9.11E-03	2.27E-03	9.04E-03	2.25E-03	8.55E-03	2.12E-03	1.13E-02	2.73E-03	1.13E-02	2.73E-03	1.59E-02	3.95E-03	9.11E-03	2.27E-03	1.84E-04	4.14E-05	8.57E-03	2.13E-03	1.26E-04	2.83E-05	8.59E-03	2.13E-03	8.26E-01	2.98E-01	1.01E+00	3.64E-01
3690 Gridded	1.03E-02	2.13E-03	1.64E-05	3.53E-06	5.02E-03	1.04E-03	1.09E-02	2.25E-03	1.08E-02	2.23E-03	1.02E-02	2.12E-03	1.28E-02	2.73E-03	1.28E-02	2.73E-03	1.90E-02	3.94E-03	1.09E-02	2.25E-03	2.28E-04	4.89E-05	1.02E-02	2.12E-03	1.56E-04	3.35E-05	1.03E-02	2.13E-03	8.73E-01	3.35E-01	1.25E+00	3.28E-01
3691 Gridded	1.12E-02	2.33E-03	1.33E-05	3.28E-06	5.74E-03	1.23E-03	1.21E-02	2.55E-03	1.20E-02	2.52E-03	1.11E-02	2.32E-03	1.50E-02	3.27E-03	1.50E-02	3.27E-03	2.07E-02	4.31E-03	1.21E-02	2.55E-03	1.85E-04	4.55E-05	1.12E-02	2.32E-03	1.26E-04	3.12E-05	1.12E-02	2.33E-03	8.89E-01	2.97E-01	1.31E+00	2.72E-01
3692 Gridded	1.30E-02	2.62E-03	1.47E-05	2.31E-06	6.03E-03	1.29E-03	1.35E-02	2.78E-03	1.34E-02	2.75E-03	1.30E-02	2.61E-03	1.49E-02	3.28E-03	1.49E-02	3.28E-03	2.41E-02	4.86E-03	1.35E-02	2.78E-03	2.05E-04	3.21E-05	1.30E-02	2.62E-03	1.40E-04	2.20E-05	1.30E-02	2.62E-03	8.72E-01	2.56E-01	1.13E+00	2.00E-01
3693 Gridded	1.25E-02	2.32E-03	9.92E-06	1.62E-06	6.07E-03	1.08E-03	1.32E-02	2.40E-03	1.31E-02	2.39E-03	1.25E-02	2.31E-03	1.54E-02	2.66E-03	1.54E-02	2.66E-03	2.32E-02	4.30E-03	1.32E-02	2.40E-03	1.38E-04	2.24E-05	1.25E-02	2.32E-03	9.42E-05	1.54E-05	1.25E-02	2.32E-03	9.01E-01	1.77E-01	8.27E-01	1.64E-01
3694 Gridded	1.28E-02	1.64E-03	1.18E-05	2.12E-06	5.71E-03	7.86E-04	1.30E-02	1.72E-03	1.30E-02	1.71E-03	1.27E-02	1.64E-03	1.37E-02	1.98E-03	1.37E-02	1.98E-03	2.37E-02	3.04E-03	1.30E-02	1.72E-03	1.64E-04	2.94E-05	1.28E-02	1.64E-03	1.12E-04	2.01E-05	1.28E-02	1.64E-03	8.05E-01	1.56E-01	8.56E-01	1.90E-01
3695 Gridded	9.67E-03	1.16E-03	1.11E-05	2.49E-06	4.78E-03	6.53E-04	1.03E-02	1.28E-03	1.02E-02	1.27E-03	9.64E-03	1.16E-03	1.22E-02	1.83E-03	1.22E-02	1.83E-03	1.79E-02	2.15E-03	1.03E-02	1.28E-03	1.53E-04	3.45E-05	9.66E-03	1.16E-03	1.05E-04	2.36E-05	9.68E-03	1.16E-03	8.48E-01	2.13E-01	8.41E-01	2.35E-01
3696 Gridded	9.86E-03	1.47E-03	1.04E-05	2.16E-06	4.67E-03	7.84E-04	1.02E-02	1.62E-03	1.02E-02	1.60E-03	9.84E-03	1.46E-03	1.18E-02	2.09E-03	1.18E-02	2.09E-03	1.83E-02	2.72E-03	1.02E-02	1.62E-03	1.44E-04	3.00E-05	9.85E-03	1.47E-03	9.85E-05	2.05E-05	9.86E-03	1.47E-03	8.53E-01	2.35E-01	8.25E-01	2.35E-01
3697 Gridded	7.40E-03	1.48E-03	1.10E-05	1.80E-06	3.78E-03	7.40E-04	7.85E-03	1.58E-03	7.76E-03	1.57E-03	7.39E-03	1.47E-03	1.00E-02	1.91E-03	1.00E-02	1.91E-03	1.37E-02	2.74E-03	7.85E-03	1.58E-03	1.53E-04	2.50E-05	7.40E-03	1.48E-03	1.05E-04	1.71E-05	7.41E-03	1.48E-03	7.36E-01	2.03E-01	8.15E-01	1.84E-01
3698 Gridded	9.32E-03	1.13E-03	1.01E-05	1.75E-06	4.71E-03	5.52E-04	1.00E-02	1.20E-03	9.91E-03	1.19E-03	9.28E-03	1.13E-03	1.22E-02	1.41E-03	1.22E-02	1.41E-03	1.73E-02	2.10E-03	1.00E-02	1.20E-03	1.40E-04	2.42E-05	9.30E-03	1.13E-03	9.60E-05	1.66E-05	9.33E-03	1.13E-03	8.33E-01	1.62E-01	8.08E-01	1.88E-01
3699 Gridded	1.00E-02	8.76E-04	1.05E-05	1.76E-06	4.93E-03	5.00E-04	1.06E-02	9.95E-04	1.06E-02	9.78E-04	1.00E-02	8.70E-04	1.26E-02	1.38E-03	1.26E-02	1.38E-03	1.86E-02	1.62E-03	1.06E-02	9.95E-04	1.46E-04	2.45E-05	1.00E-02	8.74E-04	9.97E-05	1.67E-05	1.00E-02	8.78E-04	7.86E-01	1.76E-01	1.03E+00	1.79E-01
3700 Gridded	8.94E-03	9.91E-04	9.33E-06	1.33E-06	4.29E-03	5.12E-04	9.38E-03	1.07E-03	9.32E-03	1.06E-03	8.92E-03	9.87E-04	1.08E-02	1.35E-03	1.08E-02	1.35E-03	1.66E-02	1.84E-03	9.38E-03	1.07E-03	1.29E-04	1.85E-05	8.93E-03	9.89E-04	8.85E-05	1.27E-05	8.95E-03	9.92E-04	7.99E-01	2.57E-01	1.31E+00	2.41E-01
3701 Gridded	6.50E-03	7.63E-04	8.86E-06	1.07E-06	3.06E-03	3.69E-04	6.76E-03	8.03E-04	6.72E-03	7.98E-04	6.48E-03	7.61E-04	7.61E-03	9.56E-04	7.61E-03	9.56E-04	1.20E-02	1.42E-03	6.76E-03	8.03E-04	1.23E-04	1.49E-05	6.49E-03	7.63E-04	8.40E-05	1.02E-05	6.50E-03	7.64E-04	7.90E-01	2.80E-01	1.16E+00	2.54E-01
3702 Gridded	5.86E-03	6.63E-04	7.63E-06	1.47E-06	2.96E-03	3.49E-04	6.29E-03	7.20E-04	6.23E-03	7.12E-04	5.84E-03	6.60E-04	7.68E-03	9.40E-04	7.68E-03	9.40E-04	1.09E-02	1.23E-03	6.29E-03	7.20E-04	1.06E-04	2.04E-05	5.85E-03	6.62E-04	7.24E-05	1.39E-05	5.87E-03	6.64E-04	7.94E-01	2.96E-01	1.47E+00	2.53E-01
3703 Gridded	6.63E-03	9.24E-04	7.85E-06	1.42E-06	3.30E-03	4.96E-04	7.07E-03	1.02E-03	7.01E-03	1.01E-03	6.60E-03	9.19E-04	8.49E-03	1.33E-03	8.49E-03	1.33E-03	1.23E-02	1.71E-03	7.07E-03	1.02E-03	1.09E-04	1.96E-05	6.62E-03	9.22E-04	7.45E-05	1.34E-05	6.63E-03	9.25E-04	8.36E-01	2.57E-01	2.00E+00	1.97E-01
3704 Gridded	7.62E-03	1.38E-03	8.92E-06	1.37E-06	3.63E-03	6.90E-04	7.97E-03	1.48E-03	7.92E-03	1.46E-03	7.60E-03	1.38E-03	9.10E-03	1.78E-03	9.10E-03	1.78E-03	1.41E-02	2.57E-03	7.97E-03	1.48E-03	1.24E-04	1.90E-05	7.61E-03	1.38E-03	8.47E-05	1.30E-05	7.62E-03	1.39E-03	7.45E-01	2.51E-01	1.87E+00	2.26E-01
3705 Gridded	8.54E-03	1.35E-03	1.04E-05	1.17E-06	4.40E-03	6.58E-04	9.24E-03	1.43E-03	9.15E-03	1.42E-03	8.50E-03	1.35E-03	1.15E-02	1.67E-03	1.15E-02	1.67E-03	1.58E-02	2.50E-03	9.24E-03	1.43E-03	1.45E-04	1.62E-05	8.52E-03	1.35E-03	9.90E-05	1.11E-05	8.55E-03	1.35E-03	7.78E-01	1.50E-01	1.24E+00	1.57E-01
3706 Gridded	1.03E-02	1.08E-03	1.05E-05	1.10E-06	5.17E-03	5.18E-04	1.10E-02	1.13E-03	1.09E-02	1.12E-03	1.03E-02	1.07E-03	1.34E-02	1.31E-03	1.34E-02	1.31E-03	1.91E-02	2.00E-03	1.10E-02	1.13E-03	1.46E-04	1.52E-05	1.03E-02	1.08E-03	1.00E-04	1.04E-05	1.03E-02	1.08E-03	7.36E-01	1.99E-01	6.84E-01	1.65E-01
3707 Gridded	1.05E-02	7.47E-04	9.68E-06	1.16E-06	5.18E-03	4.02E-04	1.12E-02	8.26E-04	1.11E-02	8.15E-04	1.05E-02	7.43E-04	1.32E-02	1.08E-03	1.32E-02	1.08E-03	1.95E-02	1.38E-03	1.12E-02	8.26E-04	1.34E-04	1.61E-05	1.05E-02	7.46E-04	9.19E-05	1.10E-05	1.05E-02	7.48E-04	6.61E-01	1.52E-01	8.21E-01	1.68E-01
3708 Gridded	9.29E-03	7.77E-04	8.51E-06	1.12E-06	4.53E-03	4.12E-04	9.82E-03	8.52E-04	9.74E-03	8.42E-04	9.26E-03	7.73E-04	1.15E-02	1.10E-03	1.15E-02	1.10E-03	1.72E-02	1.44E-03	9.82E-03	8.52E-04	1.18E-04	1.56E-05	9.28E-03	7.75E-04	8.07E-05	1.06E-05	9.29E-03	7.78E-04	6.42E-01	1.01E-01	1.02E+00	1.35E-01
3709 Gridded	7.43E-03	7.29E-04	8.76E-06	1.01E-06	3.63E-03	3.82E-04	7.86E-03	7.95E-04	7.80E-03	7.86E-04	7.41E-03	7.25E-04	9.42E-03	1.01E-03	9.42E-03	1.01E-03	1.38E-02	1.35E-03	7.86E-03	7.95E-04	1.22E-04	1.41E-05	7.42E-03	7.27E-04	8.32E-05	9.62E-06	7.44E-03	7.29E-04	5.78E-01	9.47E-02	1.00E+00	1.03E-01
3710 Gridded	8.79E-03	1.18E-03	1.07E-05	1.26E-06	4.52E-03	5.96E-04	9.51E-03	1.27E-03	9.41E-03	1.26E-03	8.75E-03	1.18E-03	1.18E-02	1.54E-03	1.18E-02	1.54E-03	1.63E-02	2.19E-03	9.51E-03	1.27E-03	1.48E-04	1.75E-05	8.78E-03	1.18E-03	1.01E-04	1.19E-05	8.80E-03	1.18E-03	8.54E-01	1.34E-01	1.46E+00	1.04E-01
3711 Gridded	1.09E-02	1.53E-03	1.17E-05	1.37E-06	5.49E-03	7.50E-04	1.17E-02	1.62E-03	1.16E-02	1.60E-03	1.08E-02	1.52E-03	1.42E-02	1.92E-03	1.42E-02	1.92E-03	2.02E-02	2.83E-03	1.17E-02	1.62E-03	1.63E-04	1.89E-05	1.09E-02	1.52E-03	1.11E-04	1.30E-05	1.09E-02	1.53E-03	1.02E+00	1.55E-01	1.54E+00	1.42E-01
3712 Gridded	1.21E-02	1.57E-03	1.19E-05	1.27E-06	6.04E-03	7.61E-04	1.29E-02	1.65E-03	1.28E-02	1.64E-03	1.21E-02	1.56E-03	1.55E-02	1.93E-03	1.55E-02	1.93E-03	2.25E-02	2.91E-03	1.29E-02	1.65E-03	1.65E-04	1.76E-05	1.21E-02	1.57E-03	1.13E-04	1.20E-05	1.21E-02	1.57E-03	1.03E+00	1.63E-01	1.66E+00	1.64E-01
3713 Gridded	1.22E-02	1.35E-03	1.13E-05	1.22E-06	6.03E-03	6.51E-04	1.30E-02	1.42E-03	1.29E-02	1.41E-03	1.22E-02	1.35E-03	1.54E-02	1.64E-03	1.54E-02	1.64E-03	2.26E-02	2.50E-03	1.30E-02	1.42E-03	1.57E-04	1.69E-05	1.22E-02	1.35E-03	1.07E-04	1.16E-05	1.22E-02	1.35E-03	8.94E-01	1.59E-01	1.60E+00	1.73E-01
3714 Gridded	1.13E-02	1.03E-03	1.01E-05	1.15E-06	5.56E-03	4.97E-04	1.20E-02	1.08E-03	1.19E-02	1.08E-03	1.13E-02	1.03E-03	1.42E-02	1.28E-03	1.42E-02	1.28E-03	2.09E-02	1.91E-03	1.20E-02	1.08E-03	1.40E-04	1.59E-05	1.13E-02	1.03E-03	9.59E-05	1.09E-05	1.13E-02	1.03E-03	8.06E-01	1.44E-01	1.32E+00	1.69E-01
3715 Gridded	9.84E-03	8.91E-04	8.65E-06	1.07E-06	4.83E-03	4.52E-04	1.04E-02	9.58E-04	1.03E-02	9.48E-04	9.80E-03	8.87E-04	1.23E-02	1.17E-03	1.23E-02	1.17E-03	1.82E-02	1.65E-03	1.04E-02	9.58E-04	1.20E-04	1.49E-05	9.82E-03	8.89E-04	8.21E-05	1.02E-05	9.84E-03	8.91E-04	9.39E-01	1.24E-01	1.44E+00	1.53E-01
3716 Gridded	6.99E-03	1.36E-03	1.15E-05	1.93E-06	3.46E-03	6.96E-04	7.37E-03	1.47E-03	7.32E-03	1.45E-03	6.97E-03	1.36E-03	9.47E-03	1.82E-03	9.47E-03	1.82E-03	1.30E-02	2.52E-03	7.37E-03	1.47E-03	1.59E-04	2.67E-05	6.99E-03	1.36E-03	1.09E-04	1.83E-05	7.00E-03	1.36E-03	6.62E-01	1.26E-01	1.35E+00	1.40E-01
3717 Gridded	8.12E-03	1.55E-03	1.01E-05	2.12E-06	4.17E-03	8.14E-04	8.78E-03	1.69E-03	8.69E-03	1.67E-03	8.09E-03	1.54E-03	1.09E-02	2.16E-03	1.09E-02	2.16E-03	1.50E-02	2.87E-03	8.78E-03	1.69E-03	1.39E-04	2.94E-05	8.11E-03	1.55E-03	9.54E-05	2.01E-05	8.13E-03	1.55E-03	7.14E-01	1.27E-01	1.20E+00	1.95E-01
3718 Gridded	8.65E-03	1.82E-03	1.18E-05	2.33E-06	4.15E-03	9.29E-04	9.07E-03	1.96E-03	9.01E-03	1.94E-03	8.63E-03	1.81E-03	1.04E-02	2.43E-03	1.04E-02	2.43E-03	1.60E-02	3.37E-03	9.07E-03	1.96E-03	1.64E-04	3.24E-05	8.64E-03	1.82E-03	1.12E-04	2.22E-05	8.66E-03	1.82E-03	7.07E-01	1.85E-01	9.48E-01	2.76E-01
3719 Gridded	8.04E-03	1.98E-03	1.25E-05	2.66E-06	3.98E-03	9.86E-04	8.55E-03	2.11E-03	8.48E-03	2.09E-03	8.01E-03	1.97E-03	1.05E-02	2.54E-03	1.05E-02	2.54E-03	1.49E-02	3.67E-03	8.55E-03	2.11E-03	1.74E-04	3.69E-05	8.03E-03	1.98E-03	1.19E-04	2.53E-05	8.04E-03	1.98E-03	7.50E-01	2.63E-01	8.78E-01	3.32E-01
3720 Gridded	9.57E-03	1.96E-03	1.44E-05	3.22E-06	4.77E-03	9.60E-04	1.02E-02	2.08E-03	1.01E-02	2.06E-03	9.53E-03	1.96E-03	1.23E-02	2.50E-03	1.23E-02	2.50E-03	1.77E-02	3.64E-03	1.02E-02	2.08E-03	2.00E-04	4.46E-05	9.55E-03	1.96E-03	1.37E-04	3.05E-05	9.58E-03	1.96E-03	7.77E-01	3.06E-01	1.16E+00	3.18E-01
3721 Gridded	9.65E-03	2.18E-03	1.38E-05	3.28E-06	5.10E-03	1.17E-03	1.06E-02	2.40E-03	1.04E-02	2.37E-03	9.63E-03	2.17E-03	1.36E-02	3.12E-03	1.36E-02	3.12E-03	1.79E-02	4.03E-03	1.06E-02	2.40E-03	1.91E-04	4.55E-05	9.64E-03	2.17E-03	1.31E-04	3.11E-05	9.65E-03	2.18E-03	8.20E-01	2.86E-01	1.31E+00	2.68E-01
3722 Gridded	1.26E-02	2.60E-03	1.40E-05	2.65E-06	5.99E-03	1.30E-03	1.32E-02	2.78E-03	1.31E-02	2.76E-03	1.26E-02	2.59E-03	1.50E-02	3.36E-03	1.50E-02	3.36E-03	2.33E-02	4.82E-03	1.32E-02	2.78E-03	1.94E-04	3.67E-05	1.26E-02	2.60E-03	1.33E-04	2.51E-05	1.26E-02	2.60E-03	8.24E-01	2.58E-01	1.25E+00	2.17E-01
3723 Gridded	1.18E-02	2.49E-03	1.24E-05	1.75E-06	5.43E-03	1.18E-03	1.22E-02	2.60E-03	1.21E-02	2.58E-03	1.18E-02	2.48E-03	1.41E-02	2.94E-03	1.41E-02	2.94E-03	2.20E-02	4.62E-03	1.22E-02	2.60E-03	1.71E-04	2.42E-05	1.18E-02	2.49E-03	1.17E-04	1.66E-05	1.19E-02	2.49E-03	8.64E-01	1.97E-01	9.92E-01	1.71E-01
3724 Gridded	1.33E-02	1.83E-03	9.79E-06	1.77E-06	6.14E-03	8.42E-04	1.37E-02	1.87E-03	1.37E-02	1.87E-03	1.33E-02	1.82E-03	1.51E-02	2.12E-03	1.51E-02	2.12E-03	2.47E-02	3.39E-03	1.37E-02	1.87E-03	1.36E-04	2.45E-05	1.33E-02	1.83E-03	9.29E-05	1.68E-05	1.33E-02	1.83E-03	7.12E-01	1.48E-01	7.93E-01	1.65E-01
3725 Gridded	9.63E-03	1.36E-03	1.11E-05	2.30E-06	4.24E-03	6.56E-04	9.74E-03	1.43E-03	9.72E-03	1.42E-03	9.62E-03	1.36E-03	1.05E-02	1.70E-03	1.05E-02	1.70E-03	1.79E-02	2.53E-03	9.74E-03	1.43E-03	1.54E-04	3.19E-05	9.62E-03	1.36E-03	1.05E-04	2.18E-05	9.63E-03	1.37E-03	8.08E-01	1.72E-01	8.21E-01	2.07E-01
3726 Gridded	9.48E-03	1.33E-03	1.08E-05	2.41E-06	4.70E-03	7.39E-04	1.01E-02	1.49E-03	9.97E-03	1.47E-03	9.46E-03	1.32E-03	1.21E-02	2.02E-03	1.21E-02	2.02E-03	1.76E-02	2.45E-03	1.01E-02	1.49E-03	1.50E-04	3.34E-05	9.47E-03	1.32E-03	1.03E-04	2.28E-05	9.49E-03	1.33E-03	8.14E-01	2.17E-01	9.06E-01	2.38E-01
3727 Gridded	9.05E-03	1.58E-03	9.50E-06	1.95E-06	4.27E-03	8.13E-04	9.42E-03	1.71E-03	9.37E-03	1.69E-03	9.03E-03	1.57E-03	1.06E-02	2.13E-03	1.06E-02	2.13E-03	1.68E-02	2.92E-03	9.42E-03	1.71E-03	1.32E-04	2.70E-05	9.04E-03	1.57E-03	9.01E-05	1.85E-05	9.05E-03	1.58E-03	7.60E-01	2.26E-01	8.05E-01	2.28E-01
3728 Gridded	8.33E-03	1.43E-03	1.06E-05	1.80E-06	4.31E-03	7.05E-04	9.04E-03	1.52E-03	8.94E-03	1.51E-03	8.29E-03	1.42E-03	1.13E-02	1.81E-03	1.13E-02	1.81E-03	1.54E-02	2.65E-03	9.04E-03	1.52E-03	1.47E-04	2.50E-05	8.31E-03	1.43E-03	1.00E-04	1.71E-05	8.34E-03	1.43E-03	7.27E-01	1.80E-01	7.77E-01	1.86E-01
3729 Gridded	1.04E-02	1.05E-03	1.07E-05	1.85E-06	5.19E-03	5.20E-04	1.11E-02	1.11E-03	1.10E-02	1.10E-03	1.03E-02	1.05E-03	1.34E-02	1.40E-03	1.34E-02	1.40E-03	1.92E-02	1.95E-03	1.11E-02	1.11E-03	1.48E-04	2.57E-05	1.03E-02	1.05E-03	1.01E-04	1.76E-05	1.04E-02	1.05E-03	8.68E-01	1.61E-01	8.78E-01	1.80E-01
3730 Gridded	1.09E-02	1.01E-03	1.07E-05	1.87E-06	5.34E-03	5.65E-04	1.15E-02	1.14E-03	1.15E-02	1.12E-03	1.09E-02	1.00E-03	1.36E-02	1.54E-03	1.36E-02	1.54E-03	2.02E-02	1.87E-03	1.15E-02	1.14E-03	1.48E-04	2.59E-05	1.09E-02	1.01E-03	1.01E-04	1.77E-05	1.09E-02	1.01E-03	7.80E-01	1.95E-01	9.81E-01	2.01E-01
3731 Gridded	9.55E-03	1.10E-03	9.51E-06	1.47E-06	4.59E-03	5.62E-04	1.00E-02	1.18E-03	9.96E-03	1.17E-03	9.53E-03	1.09E-03	1.16E-02	1.47E-03	1.16E-02	1.47E-03	1.77E-02	2.03E-03	1.00E-02	1.18E-03	1.32E-04	2.04E-05	9.54E-03	1.09E-03	9.03E-05	1.40E-05	9.56E-03	1.10E-03	8.07E-01	2.66E-01	1.24E+00	2.64E-01
3732 Gridded	6.90E-03	8.30E-04	9.21E-06	1.21E-06	3.26E-03	4.01E-04	7.19E-03	8.73E-04	7.15E-03	8.67E-04	6.88E-03	8.28E-04	8.13E-03	1.08E-03	8.13E-03	1.08E-03	1.28E-02	1.54E-03	7.19E-03	8.73E-04	1.28E-04	1.68E-05	6.89E-03	8.29E-04	8.74E-05	1.15E-05	6.90E-03	8.31E-04	8.04E-01	2.81E-01	1.14E+00	2.74E-01
3733 Gridded	6.18E-03	6.97E-04	7.67E-06	1.55E-06	3.12E-03	3.74E-04	6.63E-03	7.69E-04	6.57E-03	7.59E-04	6.16E-03	6.93E-04	8.07E-03	1.00E-03	8.07E-03	1.00E-03	1.15E-02	1.29E-03	6.63E-03	7.69E-04	1.06E-04	2.15E-05	6.17E-03	6.95E-04	7.28E-05	1.47E-05	6.19E-03	6.98E-04	7.82E-01	2.93E-01	1.35E+00	2.71E-01
3734 Gridded	6.77E-03	9.13E-04	7.53E-06	1.45E-06	3.36E-03	4.91E-04	7.17E-03	1.01E-03	7.11E-03	9.95E-04	6.75E-03	9.07E-04	8.69E-03	1.32E-03	8.69E-03	1.32E-03	1.25E-02	1.69E-03	7.17E-03	1.01E-03	1.04E-04	2.01E-05	6.76E-03	9.11E-04	7.14E-05	1.37E-05	6.78E-03	9.14E-04	7.94E-01	2.42E-01	1.85E+00	2.21E-01
3735 Gridded	7.70E-03	1.43E-03	8.61E-06	1.44E-06	3.72E-03	7.14E-04	8.10E-03	1.53E-03	8.04E-03	1.51E-03	7.68E-03	1.42E-03	9.39E-03	1.84E-03	9.39E-03	1.84E-03	1.43E-02	2.65E-03	8.10E-03	1.53E-03	1.19E-04	1.99E-05	7.69E-03	1.43E-03	8.17E-05	1.36E-05	7.71E-03	1.43E-03	7.98E-01	2.59E-01	1.83E+00	2.39E-01
3736 Gridded	8.36E-03	1.41E-03	1.03E-05	1.22E-06	4.31E-03	6.90E-04	9.06E-03	1.49E-03	8.96E-03	1.48E-03	8.32E-03	1.41E-03	1.13E-02	1.76E-03	1.13E-02	1.76E-03	1.55E-02	2.62E-03	9.06E-03	1.49E-03	1.43E-04	1.69E-05	8.34E-03	1.41E-03	9.81E-05	1.15E-05	8.37E-03	1.41E-03	7.18E-01	1.64E-01	1.33E+00	1.82E-01
3737 Gridded	1.04E-02	1.17E-03	1.09E-05	1.14E-06	5.23E-03	5.62E-04	1.12E-02	1.23E-03	1.11E-02	1.22E-03	1.04E-02	1.16E-03	1.35E-02	1.42E-03	1.35E-02	1.42E-03	1.93E-02	2.16E-03	1.12E-02	1.23E-03	1.51E-04	1.58E-05	1.04E-02	1.16E-03	1.03E-04	1.08E-05	1.04E-02	1.17E-03	7.30E-01	1.91E-01	7.67E-01	1.54E-01
3738 Gridded	1.10E-02	8.26E-04	1.02E-05	1.09E-06	5.45E-03	3.96E-04	1.17E-02	8.67E-04	1.16E-02	8.61E-04	1.10E-02	8.24E-04	1.40E-02	1.04E-03	1.40E-02	1.04E-03	2.05E-02	1.53E-03	1.17E-02	8.67E-04	1.41E-04	1.51E-05	1.10E-02	8.25E-04	9.66E-05	1.04E-05	1.10E-02	8.27E-04	6.72E-01	1.70E-01	6.95E-01	1.81E-01
3739 Gridded	1.03E-02	7.85E-04	8.84E-06	1.09E-06	5.02E-03	4.13E-04	1.09E-02	8.58E-04	1.08E-02	8.48E-04	1.02E-02	7.81E-04	1.28E-02	1.10E-03	1.28E-02	1.10E-03	1.90E-02	1.45E-03	1.09E-02	8.58E-04	1.23E-04	1.51E-05	1.03E-02	7.83E-04	8.39E-05	1.03E-05	1.03E-02	7.86E-04	6.12E-01	1.13E-01	9.62E-01	1.43E-01
3740 Gridded	8.67E-03	7.67E-04	9.01E-06	1.01E-06	4.24E-03	4.00E-04	9.17E-03	8.35E-04	9.10E-03	8.26E-04	8.64E-03	7.63E-04	1.08E-02	1.06E-03	1.08E-02	1.06E-03	1.61E-02	1.42E-03	9.17E-03	8.35E-04	1.25E-04	1.40E-05	8.66E-03	7.66E-04	8.55E-05	9.60E-06	8.67E-03	7.68E-04	5.99E-01	9.04E-02	1.07E+00	1.15E-01
3741 Gridded	7.93E-03	8.61E-04	9.69E-06	1.09E-06	4.03E-03	4.46E-04	8.53E-03	9.35E-04	8.45E-03	9.24E-04	7.90E-03	8.57E-04	1.06E-02	1.17E-03	1.06E-02	1.17E-03	1.47E-02	1.59E-03	8.53E-03	9.35E-04	1.34E-04	1.51E-05	7.92E-03	8.60E-04	9.19E-05	1.04E-05	7.94E-03	8.62E-04	6.45E-01	1.08E-01	1.14E+00	9.32E-02
3742 Gridded	1.01E-02	1.35E-03	1.11E-05	1.35E-06	5.10E-03	6.75E-04	1.08E-02	1.44E-03	1.07E-02	1.43E-03	1.00E-02	1.35E-03	1.33E-02	1.74E-03	1.33E-02	1.74E-03	1.86E-02	2.51E-03	1.08E-02	1.44E-03	1.54E-04	1.87E-05	1.01E-02	1.35E-03	1.06E-04	1.28E-05	1.01E-02	1.35E-03	8.80E-01	1.38E-01	1.51E+00	1.17E-01
3743 Gridded	1.17E-02	1.57E-03	1.19E-05	1.37E-06	5.84E-03	7.71E-04	1.25E-02	1.67E-03	1.24E-02	1.65E-03	1.16E-02	1.57E-03	1.51E-02	1.97E-03	1.51E-02	1.97E-03	2.16E-02	2.92E-03	1.25E-02	1.67E-03	1.65E-04	1.90E-05	1.16E-02	1.57E-03	1.13E-04	1.30E-05	1.17E-02	1.57E-03	1.00E+00	1.52E-01	1.46E+00	1.46E-01
3744 Gridded	1.23E-02	1.49E-03	1.18E-05	1.21E-06	6.10E-03	7.24E-04	1.31E-02	1.57E-03	1.30E-02	1.56E-03	1.22E-02	1.49E-03	1.57E-02	1.84E-03	1.57E-02	1.84E-03	2.28E-02	2.76E-03	1.31E-02	1.57E-03	1.64E-04	1.68E-05	1.23E-02	1.49E-03	1.12E-04	1.15E-05	1.23E-02	1.49E-03	9.64E-01	1.55E-01	1.54E+00	1.61E-01
3745 Gridded	1.20E-02	1.25E-03	1.12E-05	1.14E-06	5.93E-03	6.04E-04	1.27E-02	1.31E-03	1.26E-02	1.30E-03	1.19E-02	1.24E-03	1.52E-02	1.53E-03	1.52E-02	1.53E-03	2.22E-02	2.31E-03	1.27E-02	1.31E-03	1.55E-04	1.58E-05	1.20E-02	1.25E-03	1.06E-04	1.08E-05	1.20E-02	1.25E-03	8.35E-01	1.49E-01	1.42E+00	1.66E-01
3746 Gridded	1.10E-02	9.65E-04	1.01E-05	1.08E-06	5.43E-03	4.71E-04	1.17E-02	1.02E-03	1.16E-02	1.01E-03	1.10E-02	9.62E-04	1.39E-02	1.23E-03	1.39E-02	1.23E-03	2.04E-02	1.79E-03	1.17E-02	1.02E-03	1.39E-04	1.50E-05	1.10E-02	9.64E-04	9.54E-05	1.02E-05	1.10E-02	9.65E-04	7.86E-01	1.34E-01	1.17E+00	1.61E-01
3747 Gridded	9.50E-02	1.17E-02	1.21E-05	1.01E-06	4.07E-02	5.03E-03	9.50E-02	1.17E-02	9.50E-02	1.17E-02	9.50E-02	1.17E-02	9.50E-02	1.18E-02	9.50E-02	1.18E-02	1.76E-01	2.16E-02	9.50E-02	1.17E-02	1.68E-04	1.40E-05	9.50E-02	1.17E-02	1.15E-04	9.55E-06	9.50E-02	1.17E-02	1.77E+00	3.39E-01	1.39E+00	1.60E-01
3748 Gridded	9.50E-02	1.17E-02	1.21E-05	1.01E-06	4.07E-02	5.03E-03	9.50E-02	1.17E-02	9.50E-02	1.17E-02	9.50E-02	1.17E-02	9.50E-02	1.18E-02	9.50E-02	1.18E-02	1.76E-01	2.16E-02	9.50E-02	1.17E-02	1.68E-04	1.40E-05	9.50E-02	1.17E-02	1.15E-04	9.55E-06	9.50E-02	1.17E-02	1.77E+00	3.39E-01	1.39E+00	1.60E-01
3749 Gridded	7.24E-03	9.01E-04	7.08E-06	1.01E-06	3.57E-03	4.45E-04	7.68E-03	9.57E-04	7.62E-03	9.49E-04	7.21E-03	8.98E-04	9.12E-03	1.14E-03	9.12E-03	1.14E-03	1.34E-02	1.67E-03	7.68E-03	9.57E-04	9.82E-05	1.40E-05	7.23E-03	9.00E-04	6.72E-05	9.55E-06	7.24E-03	9.02E-04	9.29E-01	1.98E-01	1.08E+00	6.42E-02
3750 Gridded	7.60E-03	1.12E-03	9.05E-06	1.37E-06	3.60E-03	5.76E-04	7.90E-03	1.21E-03	7.86E-03	1.20E-03	7.58E-03	1.11E-03	9.04E-03	1.51E-03	9.04E-03	1.51E-03	1.41E-02	2.07E-03	7.90E-03	1.21E-03	1.25E-04	1.90E-05	7.59E-03	1.12E-03	8.58E-05	1.30E-05	7.60E-03	1.12E-03	8.72E-01	1.28E-01	1.24E+00	7.24E-02
3751 Gridded	7.55E-03	1.28E-03	9.21E-06	1.19E-06	3.43E-03	6.25E-04	7.74E-03	1.35E-03	7.71E-03	1.34E-03	7.54E-03	1.28E-03	8.51E-03	1.59E-03	8.51E-03	1.59E-03	1.40E-02	2.37E-03	7.74E-03	1.35E-03	1.28E-04	1.65E-05	7.54E-03	1.28E-03	8.74E-05	1.13E-05	7.55E-03	1.28E-03	9.24E-01	1.53E-01	1.31E+00	7.66E-02
3752 Gridded	6.53E-03	1.14E-03	9.61E-06	1.18E-06	3.08E-03	5.44E-04	6.62E-03	1.20E-03	6.61E-03	1.19E-03	6.52E-03	1.14E-03	8.07E-03	1.36E-03	8.07E-03	1.36E-03	1.21E-02	2.12E-03	6.62E-03	1.20E-03	1.33E-04	1.63E-05	6.52E-03	1.14E-03	9.12E-05	1.12E-05	6.53E-03	1.14E-03	7.90E-01	1.33E-01	1.44E+00	8.30E-02
3753 Gridded	5.97E-03	9.00E-04	9.42E-06	1.07E-06	2.94E-03	4.20E-04	6.33E-03	9.33E-04	6.28E-03	9.28E-04	5.95E-03	8.98E-04	7.57E-03	1.04E-03	7.57E-03	1.04E-03	1.11E-02	1.67E-03	6.33E-03	9.33E-04	1.31E-04	1.49E-05	5.96E-03	8.99E-04	8.93E-05	1.02E-05	5.97E-03	9.00E-04	8.13E-01	1.11E-01	1.59E+00	9.07E-02
3754 Gridded	6.02E-03	7.95E-04	1.05E-05	1.11E-06	2.88E-03	3.67E-04	6.31E-03	8.20E-04	6.27E-03	8.16E-04	6.01E-03	7.94E-04	7.26E-03	9.70E-04	7.26E-03	9.70E-04	1.12E-02	1.48E-03	6.31E-03	8.20E-04	1.45E-04	1.54E-05	6.02E-03	7.95E-04	9.93E-05	1.06E-05	6.03E-03	7.96E-04	7.86E-01	8.64E-02	1.71E+00	9.63E-02
3755 Gridded	6.04E-03	7.57E-04	1.04E-05	1.11E-06	2.81E-03	3.60E-04	6.25E-03	7.75E-04	6.22E-03	7.72E-04	6.03E-03	7.56E-04	6.97E-03	9.31E-04	6.97E-03	9.31E-04	1.12E-02	1.40E-03	6.25E-03	7.75E-04	1.45E-04	1.54E-05	6.03E-03	7.56E-04	9.91E-05	1.05E-05	6.04E-03	7.57E-04	8.31E-01	6.71E-02	1.79E+00	1.00E-01
3756 Gridded	6.83E-03	7.71E-04	1.11E-05	1.14E-06	3.09E-03	3.65E-04	6.99E-03	8.04E-04	6.97E-03	8.00E-04	6.83E-03	7.69E-04	7.51E-03	9.13E-04	7.51E-03	9.13E-04	1.27E-02	1.43E-03	6.99E-03	8.04E-04	1.54E-04	1.57E-05	6.83E-03	7.70E-04	1.06E-04	1.08E-05	6.84E-03	7.71E-04	8.46E-01	6.97E-02	1.84E+00	1.04E-01
3757 Gridded	1.18E-02	1.54E-03	1.78E-05	2.44E-06	5.70E-03	7.99E-04	1.24E-02	1.67E-03	1.24E-02	1.65E-03	1.18E-02	1.53E-03	1.44E-02	2.11E-03	1.44E-02	2.11E-03	2.19E-02	2.84E-03	1.24E-02	1.67E-03	2.47E-04	3.39E-05	1.18E-02	1.53E-03	1.69E-04	2.32E-05	1.18E-02	1.54E-03	1.31E+00	2.03E-01	1.52E+00	1.14E-01
3758 Gridded	4.21E-02	5.20E-03	8.03E-06	1.12E-06	1.82E-02	2.23E-03	4.23E-02	5.21E-03	4.23E-02	5.21E-03	4.21E-02	5.20E-03	4.29E-02	5.22E-03	4.29E-02	5.22E-03	7.82E-02	9.66E-03	4.23E-02	5.21E-03	1.11E-04	1.55E-05	4.21E-02	5.20E-03	7.62E-05	1.06E-05	4.21E-02	5.20E-03	2.69E+00	2.08E-01	5.76E+00	2.82E-01

Scenario 4 Results

SO2		NO2		CO		H_2SO_4		HCl		TSP		PM_{10}		$PM_{2.5}$		Diox	
1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr	1 Hr	24 Hr
7.45E+00	8.85E-01	1.19E+01	9.95E-01	3.12E+00	2.30E-01	9.01E-01	1.39E-01	3.66E+01	2.59E+00	6.96E+00	6.95E-01	1.87E+00	2.57E-01	0.00E+00	0.00E+00	5.45E-05	3.85E-06
2.31E+01	1.65E+00	1.57E+01	3.37E+00	4.50E+00	5.99E-01	4.41E+00	2.22E-01	7.44E+01	1.46E+01	1.41E+01	1.89E+00	8.32E+00	4.29E-01	0.00E+00	0.00E+00	1.12E-04	2.19E-05
1.06E+01	2.09E+00	1.59E+01	3.20E+00	4.74E+00	7.66E-01	1.87E+00	2.71E-01	4.30E+01	8.35E+00	9.10E+00	1.89E+00	3.99E+00	4.84E-01	0.00E+00	0.00E+00	6.38E-05	1.24E-05
6.48E+01	1.02E+01	1.30E+02	2.05E+01	7.79E+00	1.26E+00	4.94E+00	4.21E-01	6.49E+02	1.02E+02	7.79E+01	1.23E+01	9.35E+00	8.31E-01	0.00E+00	0.00E+00	9.74E-04	1.53E-04
234.5	22.9	100.5										130.8	64.9	61.8	25.9		
2.42E+02	2.38E+01	1.12E+02	9.95E-01	3.12E+00	2.30E-01	9.01E-01	1.39E-01	3.66E+01	2.59E+00	6.96E+00	6.95E-01	1.33E+02	6.52E+01	6.18E+01	2.59E+01	5.45E-05	3.85E-06
2.58E+02	2.46E+01	1.16E+02	3.37E+00	4.50E+00	5.99E-01	4.41E+00	2.22E-01	7.44E+01	1.46E+01	1.41E+01	1.89E+00	1.39E+02	6.53E+01	6.18E+01	2.59E+01	1.12E-04	2.19E-05
2.45E+02	2.50E+01	1.16E+02	3.20E+00	4.74E+00	7.66E-01	1.87E+00	2.71E-01	4.30E+01	8.35E+00	9.10E+00	1.89E+00	1.35E+02	6.54E+01	6.18E+01	2.59E+01	6.38E-05	1.24E-05
2.99E+02	3.31E+01	2.30E+02	2.05E+01	7.79E+00	1.26E+00	4.94E+00	4.21E-01	6.49E+02	1.02E+02	7.79E+01	1.23E+01	1.40E+02	6.57E+01	6.18E+01	2.59E+01	9.74E-04	1.53E-04
6.37E+00	6.43E-01	9.07E+00	8.50E-01	2.53E+00	2.30E-01	9.01E-01	1.08E-01	2.42E+01	1.75E+00	5.65E+00	5.41E-01	1.87E+00	2.22E-01	0.00E+00	0.00E+00	3.60E-05	2.59E-06
7.45E+00	8.85E-01	1.19E+01	9.95E-01	3.12E+00	2.28E-01	7.34E-01	1.39E-01	3.66E+01	2.59E+00	6.96E+00	6.95E-01	1.10E+00	2.57E-01	0.00E+00	0.00E+00	5.45E-05	3.85E-06
5.17E+00	6.84E-01	7.92E+00	9.12E-01	2.49E+00	2.26E-01	9.11E-01	9.37E-02	2.17E+01	2.23E+00	4.28E+00	5.54E-01	1.90E+00	1.78E-01	0.00E+00	0.00E+00	3.21E-05	3.32E-06
7.70E+00	1.65E+00	1.55E+01	3.37E+00	2.10E+00	2.86E-01	1.07E+00	7.75E-02	7.44E+01	1.46E+01	9.09E+00	1.89E+00	2.11E+00	1.64E-01	0.00E+00	0.00E+00	1.12E-04	2.19E-05
5.56E+00	1.13E+00	4.84E+00	1.47E+00	1.62E+00	3.99E-01	1.11E+00	1.52E-01	1.18E+01	3.12E+00	3.30E+00	9.65E-01	2.03E+00	2.66E-01	0.00E+00	0.00E+00	1.74E-05	4.62E-06
6.79E+00	7.08E-01	7.10E+00	1.18E+00	2.30E+00	3.02E-01	1.22E+00	7.69E-02	1.96E+01	2.84E+00	4.44E+00	7.04E-01	2.28E+00	1.68E-01	0.00E+00	0.00E+00	2.94E-05	4.24E-06
7.57E+00	1.19E+00	1.27E+01	1.65E+00	3.76E+00	5.66E-01	1.13E+00	1.68E-01	3.39E+01	2.55E+00	7.19E+00	1.02E+00	2.46E+00	2.99E-01	0.00E+00	0.00E+00	5.02E-05	3.73E-06
1.11E+01	9.73E-01	1.31E+01	1.04E+00	3.28E+00	3.05E-01	1.61E+00	1.51E-01	2.53E+01	1.83E+00	8.95E+00	7.79E-01	2.85E+00	2.85E-01	0.00E+00	0.00E+00	3.76E-05	2.71E-06
8.49E+00	1.16E+00	1.11E+01	1.07E+00	3.34E+00	2.92E-01	1.19E+00	1.94E-01	2.63E+01	2.28E+00	6.99E+00	8.72E-01	1.99E+00	3.54E-01	0.00E+00	0.00E+00	3.90E-05	3.39E-06
4.92E+00	1.17E+00	7.33E+00	1.13E+00	2.15E+00	2.56E-01	8.76E-01	1.90E-01	1.89E+01	2.05E+00	4.23E+00	8.74E-01	1.62E+00	3.50E-01	0.00E+00	0.00E+00	2.81E-05	3.03E-06
5.58E+00	1.23E+00	9.93E+00	1.10E+00	2.97E+00	3.12E-01	8.80E-01	2.02E-01	2.25E+01	1.94E+00	5.31E+00	9.80E-01	1.55E+00	4.18E-01	0.00E+00	0.00E+00	3.33E-05	2.87E-06
7.50E+00	1.51E+00	1.12E+01	1.97E+00	3.77E+00	5.32E-01	1.43E+00	2.02E-01	2.77E+01	4.08E+00	5.66E+00	1.24E+00	2.77E+00	3.24E-01	0.00E+00	0.00E+00	4.09E-05	6.03E-06
1.13E+01	1.21E+00	9.71E+00	1.54E+00	2.93E+00	4.41E-01	2.01E+00	1.69E-01	2.33E+01	3.00E+00	7.69E+00	9.83E-01	3.46E+00	2.72E-01	0.00E+00	0.00E+00	3.48E-05	4.42E-06
1.29E+01	1.09E+00	1.33E+01	1.32E+00	4.18E+00	3.65E-01	2.11E+00	1.55E-01	2.69E+01	2.64E+00	9.21E+00	8.75E-01	3.38E+00	2.53E-01	0.00E+00	0.00E+00	4.03E-05	3.90E-06
1.23E+01	9.15E-01	1.35E+01	1.13E+00	4.50E+00	3.20E-01	1.99E+00	1.39E-01	1.91E+01	2.17E+00	8.84E+00	7.42E-01	3.16E+00	2.25E-01	0.00E+00	0.00E+00	2.85E-05	3.20E-06
1.13E+01	8.12E-01	1.19E+01	9.84E-01	3.70E+00	2.75E-01	1.85E+00	1.26E-01	2.12E+01	1.90E+00	8.11E+00	6.49E-01	3.04E+00	2.09E-01	0.00E+00	0.00E+00	3.19E-05	2.80E-06
7.02E+00	8.10E-01	6.14E+00	9.85E-01	1.48E+00	2.87E-01	1.22E+00	1.26E-01	2.56E+01	2.17E+00	5.04E+00	6.27E-01	2.30E+00	2.22E-01	0.00E+00	0.00E+00	3.84E-05	3.24E-06
5.07E+00	1.04E+00	4.52E+00	1.39E+00	1.41E+00	4.08E-01	8.00E-01	1.39E-01	1.10E+01	3.04E+00	3.70E+00	8.81E-01	1.38E+00	2.43E-01	0.00E+00	0.00E+00	1.63E-05	4.50E-06
4.50E+00	1.12E+00	5.32E+00	1.65E+00	1.55E+00	4.91E-01	8.81E-01	1.40E-01	1.19E+01	3.58E+00	3.04E+00	9.85E-01	1.68E+00	2.46E-01	0.00E+00	0.00E+00	1.76E-05	5.30E-06
5.72E+00	9.95E-01	5.56E+00	1.58E+00	1.50E+00	4.60E-01	1.08E+00	1.47E-01	1.36E+01	3.57E+00	3.48E+00	9.24E-01	2.01E+00	2.84E-01	0.00E+00	0.00E+00	2.01E-05	5.28E-06
5.48E+00	9.94E-01	4.44E+00	1.33E+00	1.42E+00	3.92E-01	1.05E+00	1.46E-01	1.12E+01	3.05E+00	3.45E+00	8.08E-01	2.02E+00	2.76E-01	0.00E+00	0.00E+00	1.66E-05	4.51E-06
4.12E+00	1.19E+00	6.91E+00	2.03E+00	2.29E+00	5.99E-01	8.23E-01	1.45E-01	1.49E+01	4.12E+00	3.72E+00	1.12E+00	1.59E+00	2.95E-01	0.00E+00	0.00E+00	2.19E-05	6.09E-06
9.14E+00	1.33E+00	6.41E+00	2.01E+00	1.94E+00	4.91E-01	1.81E+00	1.92E-01	1.42E+01	3.80E+00	5.28E+00	1.22E+00	3.25E+00	3.78E-01	0.00E+00	0.00E+00	2.11E-05	5.62E-06
3.50E+00	1.12E+00	5.05E+00	1.36E+00	1.54E+00	3.87E-01	5.93E-01	1.91E-01	1.27E+01	2.20E+00	2.94E+00	8.91E-01	1.33E+00	3.88E-01	0.00E+00	0.00E+00	1.88E-05	3.25E-06
8.10E+00	9.28E-01	9.34E+00	1.01E+00	2.48E+00	2.61E-01	1.41E+00	1.41E-01	1.68E+01	1.72E+00	6.46E+00	7.57E-01	2.71E+00	2.65E-01	0.00E+00	0.00E+00	2.49E-05	2.54E-06
8.41E+00	8.61E-01	1.27E+01	1.05E+00	3.77E+00	3.02E-01	9.82E-01	1.22E-01	3.17E+01	2.13E+00	7.52E+00	7.02E-01	1.63E+00	2.20E-01	0.00E+00	0.00E+00	4.69E-05	3.15E-06
8.91E+00	8.05E-01	1.31E+01	9.98E-01	3.38E+00	2.70E-01	1.08E+00	1.14E-01	3.49E+01	2.23E+00	7.98E+00	6.67E-01	2.01E+00	2.05E-01	0.00E+00	0.00E+00	5.18E-05	3.30E-06
8.21E+00	8.25E-01	1.19E+01	9.84E-01	2.78E+00	2.56E-01	1.07E+00	1.26E-01	3.34E+01	2.25E+00	7.40E+00	6.60E-01	2.23E+00	2.28E-01	0.00E+00	0.00E+00	4.97E-05	3.34E-06
9.23E+00	1.14E+00	1.46E+01	1.37E+00	4.37E+00	4.25E-01	1.03E+00	1.69E-01	3.74E+01	2.37E+00	8.44E+00	9.20E-01	1.72E+00	2.83E-01	0.00E+00	0.00E+00	5.53E-05	3.49E-06
1.14E+01	1.32E+00	1.57E+01	1.60E+00	3.73E+00	4.87E-01	2.16E+00	1.93E-01	4.49E+01	2.87E+00	9.53E+00	1.07E+00	4.20E+00	3.24E-01	0.00E+00	0.00E+00	6.67E-05	4.22E-06
1.17E+01	1.09E+00	1.38E+01	1.27E+00	2.86E+00	3.34E-01	2.15E+00	1.54E-01	4.13E+01	2.69E+00	8.50E+00	8.77E-01	4.24E+00	2.60E-01	0.00E+00	0.00E+00	6.15E-05	3.98E-06
9.12E+00	9.09E-01	1.16E+01	1.10E+00	2.81E+00	2.78E-01	1.65E+00	1.25E-01	3.44E+01	2.49E+00	7.27E+00	7.43E-01	3.38E+00	2.41E-01	0.00E+00	0.00E+00	5.12E-05	3.69E-06
8.70E+00	8.43E-01	1.01E+01	1.02E+00	2.93E+00	2.52E-01	1.57E+00	1.28E-01	3.03E+01	2.32E+00	6.31E+00	6.87E-01	3.23E+00	2.53E-01	0.00E+00	0.00E+00	4.51E-05	3.44E-06
8.23E+00	8.11E-01	9.68E+00	9.81E-01	2.89E+00	2.44E-01	1.49E+00	1.31E-01	2.92E+01	2.24E+00	6.08E+00	6.62E-01	3.06E+00	2.58E-01	0.00E+00	0.00E+00	4.35E-05	3.33E-06
8.41E+00	8.18E-01	1.22E+01	1.01E+00	2.84E+00	2.65E-01	1.14E+00	1.25E-01	3.43E+01	2.29E+00	7.58E+00	6.77E-01	2.37E+00	2.27E-01	0.00E+00	0.00E+00	5.10E-05	3.40E-06
2.31E+01	1.31E+00	1.17E+01	1.54E+00	3.01E+00	4.11E-01	4.41E+00	2.22E-01	3.82E+01	2.93E+00	1.41E+01	1.05E+00	8.32E+00	4.29E-01	0.00E+00	0.00E+00	5.70E-05	4.34E-06
1.67E+01	1.02E+00	1.03E+01	1.03E+00	3.21E+00	2.62E-01	3.06E+00	1.74E-01	2.35E+01	2.26E+00	1.07E+01	7.23E-01	5.99E+00	3.42E-01	0.00E+00	0.00E+00	3.50E-05	3.36E-06
1.39E+01	9.68E-01	9.12E+00	1.10E+00	3.15E+00	2.60E-01	2.53E+00	1.53E-01	2.99E+01	2.40E+00	8.98E+00	7.72E-01	5.02E+00	3.04E-01	0.00E+00	0.00E+00	4.47E-05	3.55E-06
9.07E+00	8.07E-01	8.76E+00	8.18E-01	2.93E+00	2.22E-01	1.62E+00	1.34E-01	2.00E+01	1.98E+00	6.24E+00	5.92E-01	3.41E+00	2.66E-01	0.00E+00	0.00E+00	2.97E-05	2.94E-06
7.52E+00	8.32E-01	8.66E+00	7.32E-01	2.78E+00	2.02E-01	1.35E+00	1.39E-01	1.95E+01	1.81E+00	5.29E+00	6.01E-01	2.84E+00	2.71E-01	0.00E+00	0.00E+00	2.90E-05	2.69E-06
6.96E+00	8.34E-01	8.57E+00	7.33E-01	2.65E+00	1.95E-01	1.25E+00	1.39E-01	1.94E+01	1.78E+00	5.27E+00	6.01E-01	2.64E+00	2.69E-01	0.00E+00	0.00E+00	2.88E-05	2.64E-06
8.31E+00	8.58E-01	1.18E+01	9.20E-01	3.23E+00	3.04E-01	1.49E+00	1.30E-01	3.02E+01	1.81E+00	7.27E+00	6.86E-01	2.89E+00	2.32E-01	0.00E+00	0.00E+00	4.48E-05	2.68E-06
7.00E+00	7.20E-01	1.01E+01	7.93E-01	2.77E+00	2.26E-01	1.04E+00	1.09E-01	2.61E+01	1.67E+00	6.15E+00	5.55E-01	2.23E+00	2.02E-01	0.00E+00	0.00E+00	3.87E-05	2.48E-06
8.56E+00	9.52E-01	1.22E+01	1.17E+00	3.33E+00	3.41E-01	1.32E+00	1.38E-01	3.25E+01	2.05E+00	7.57E+00	8.02E-01	3.72E+00	2.80E-01	0.00E+00	0.00E+00	4.82E-05	3.04E-06
9.94E+00	1.19E+00	1.30E+01	1.54E+00	3.32E+00	3.56E-01	1.92E+00	1.77E-01	3.59E+01	3.43E+00	8.05E+00	9.83E-01	4.38E+00	3.42E-01	0.00E+00	0.00E+00	5.34E-05	5.08E-06
7.86E+00	9.84E-01	1.18E+01	1.37E+00	3.02E+00	3.12E-01	9.95E-01	1.18E-01	3.23E+01	3.34E+00	7.18E+00	8.52E-01	3.09E+00	2.44E-01	0.00E+00	0.00E+00	4.80E-05	4.96E-06
9.80E+00	2.09E+00	1.39E+01	3.20E+00	4.48E+00	7.66E-01	1.27E+00	2.52E-01	3.06E+01	8.35E+00	8.42E+00	1.89E+00	1.88E+00	4.30E-01	0.00E+00	0.00E+00	4.52E-05	1.24E-05
6.84E+00	1.87E+00	9.71E+00	2.58E+00	2.33E+00	5.98E-01	8.16E-01	2.34E-01	2.43E+01	5.47E+00	5.95E+00	1.60E+00	1.56E+00	4.06E-01	0.00E+00	0.00E+00	3.61E-05	8.11E-06
9.41E+00	1.81E+00	1.38E+01	2.58E+00	3.70E+00	6.15E-01	1.12E+00	2.71E-01	3.25E+01	6.71E+00	8.30E+00	1.44E+00	1.76E+00	4.84E-01	0.00E+00	0.00E+00	4.81E-05	9.99E-06
9.46E+00	1.67E+00	1.29E+01	2.47E+00	3.87E+00	6.12E-01	1.24E+00	2.39E-01	2.79E+01	5.80E+00	7.95E+00	1.39E+00	1.90E+00	4.12E-01	0.00E+00	0.00E+00	4.12E-05	8.62E-06
7.38E+00	1.56E+00	9.51E+00	2.19E+00	3.05E+00	5.00E-01	1.04E+00	1.99E-01	2.27E+01	5.12E+00	5.97E+00	1.32E+00	1.66E+00	3.33E-01	0.00E+00	0.00E+00	3.36E-05	7.63E-06
5.67E+00	1.48E+00	7.76E+00	2.03E+00	2.60E+00	4.72E-01	7.69E-01	1.93E-01	2.00E+01	4.84E+00	4.76E+00	1.25E+00	1.38E+00	3.22E-01	0.00E+00	0.00E+00	2.97E-05	7.18E-06
5.12E+00	1.11E+00	8.28E+00	1.33E+00	2.37E+00	3.81E-01	7.79E-01	1.61E-01	2.29E+01	2.47E+00	4.80E+00	8.85E-01	1.40E+00	2.67E-01	0.00E+00	0.00E+00	3.41E-05	3.64E-06
6.75E+00	7.64E-01	1.03E+01	1.12E+00	2.74E+00	2.43E-01	8.09E-01	1.06E-01	2.86E+01	3.02E+00	6.18E+00	6.84E-01	1.90E+00	1.77E-01	0.00E+00	0.00E+00	4.25E-05	4.48E-06
7.84E+00	1.01E+00	1.13E+01	1.28E+00	3.08E+00	3.39E-01	9.06E-01	1.40E-01	3.01E+01	2.46E+00	6.99E+00	8.22E-01	2.83E+00	2.34E-01	0.00E+00	0.00E+00	4.47E-05	3.64E-06
7.27E+00	7.40E-01	1.03E+01	9.55E-01	2.83E+00	2.64E-01	8.55E-01	1.12E-01	2.73E+01	1.85E+00	6.43E+00	6.12E-01	2.49E+00	2.26E-01	0.00E+00	0.00E+00	4.06E-05	2.74E-06
5.69E+00	6.89E-01	8.21E+00	8.10E-01	2.17E+00	2.16E-01	7.76E-01	1.05E-01	2.18E+01	1.52E+00	5.05E+00	5.29E-01	1.58E+00	1.95E-01	0.00E+00	0.00E+00	3.24E-05	2.25E-06
5.73E+00	8.04E-01	8.00E+00	7.77E-01	2.25E+00	1.96E-01	9.48E-01	1.32E-01	1.91E+01	1.67E+00	4.94E+00	5.85E-01	2.06E+00	2.54E-01	0.00E+00	0.00E+00	2.83E-05	2.48E-06
5.73E+00	8.71E-01	7.86E+00	8.30E-01	2.56E+00	1.99E-01	9.78E-01	1.50E-01	1.81E+01	1.76E+00	4.80E+00	6.09E-01	2.14E+00	2.89E-01	0.00E+00	0.00E+00	2.70E-05	2.61E-06
5.69E+00	8.52E-01	8.22E+00	8.86E-01	2.55E+00	2.08E-01	9.04E-01	1.50E-01	2.43E+01	1.97E+00	5.16E+00	6.36E-01	1.98E+00	2.87E-01	0.00E+00	0.00E+00	3.61E-05	2.92E-06
7.69E+00	8.39E-01	1.12E+01	8.99E-01	2.66E+00	2.31E-01	1.05E+00	1.28E-01	3.09E+01	2.12E+00	6.91E+00	6.45E-01	1.82E+00	2.29E-01	0.00E+00	0.00E+00	4.59E-05	3.14E-06
8.08E+00	7.29E-01	1.19E+01	9.21E-01	3.18E+00	2.49E-01	9.79E-01	1.10E-01	3.13E+01	2.10E+00	7.23E+00	6.08E-01	1.81E+00	1.99E-01	0.00E+00	0.00E+00	4.65E-05	3.11E-06
7.67E+00	7.32E-01	1.14E+01	9.21E-01	3.22E+00	2.48E-01	8.96E-01	1.23E-01	2.93E+01	2.08E+00	6.87E+00	6.09E-01	1.67E+00	2.25E-01	0.00E+00	0.00E+00	4.34E-05	3.08E-06
6.89E+00	7.18E-01	1.03E+01	8.93E-01	3.03E+00	2.39E-01	9.48E-01	1.22E-01	2.59E+01	1.99E+00	6.17E+00	5.94E-01	1.60E+00	2.26E-01	0.00E+00	0.00E+00	3.83E-05	2.94E-06
6.80E+00	6.88E-01	8.66E+00	8.39E-01	2.66E+00	2.29E-01	9.70E-01	1.08E-01	2.10E+01	1.85E+00	5.35E+00	5.63E-01	1.61E+00	2.04E-01	0.00E+00	0.00E+00	3.11E-05	2.76E-06
7.95E+00	6.23E-01	9.16E+00	8.18E-01	2.37E+00	2.10E-01	1.15E+00	9.21E-02	1.81E+01	2.15E+00	6.29E+00	5.55E-01	1.92E+00	1.69E-01	0.00E+00	0.00E+00	2.68E-05	3.20E-06
5.75E+00	7.16E-01	6.56E+00	9.52E-01	2.20E+00	2.40E-01	9.52E-01	9.08E-02	1.76E+01	2.30E+00	4.28E+00	6.33E-01	1.57E+00	1.59E-01	0.00E+00	0.00E+00	2.61E-05	3.42E-06
5.19E+00	7.52E-01	6.40E+00	9.66E-01	2.15E+00	2.90E-01	8.98E-01	1.04E-01	1.27E+01	2.03E+00	4.09E+00	6.43E-01	1.71E+00	1.76E-01	0.00E+00	0.00E+00	1.88E-05	3.00E-06
5.94E+00	5.80E-01	7.37E+00	8.31E-01	2.37E+00	1.99E-01	8.53E-01	6.63E-02	1.86E+01	2.26E+00	4.77E+00	5.37E-01	1.37E+00	1.15E-01	0.00E+00	0.00E+00	2.77E-05	3.35E-06
6.02E+00	5.36E-01	7.61E+00	6.87E-01	2.00E+00	1.72E-01	8.07E-01	8.12E-02	1.73E+01	1.98E+00	4.96E+00	4.46E-01	1.28E+00	1.50E-01	0.00E+00	0.00E+00	2.56E-05	2.94E-06
5.37E+00	5.99E-01	7.97E+00	7.23E-01	2.32E+00	1.89E-01	7.92E-01	1.03E-01	2.00E+01	1.65E+00	4.83E+00	4.76E-01	1.35E+00	1.88E-01	0.00E+00	0.00E+00	2.97E-05	2.45E-06
6.25E+00	6.23E-01	9.26E+00	7.67E-01	2.59E+00	2.00E-01	8.37E-01	1.07E-01	2.40E+01	1.81E+00	5.64E+00	5.02E-01	1.40E+00	1.94E-01	0.00E+00	0.00E+00	3.56E-05	2.68E-06
6.55E+00	7.12E-01	9.63E+00	8.11E-01	2.56E+00	2.09E-01	7.93E-01	1.07E-01	2.55E+01	1.81E+00	5.90E+00	5.50E-01	1.42E+00	1.86E-01	0.00E+00	0.00E+00	3.79E-05	2.68E-06
6.33E+00	8.21E-01	9.24E+00	9.16E-01	2.31E+00	2.25E-01	8.88E-01	1.23E-01	2.52E+01	1.81E+00	5.71E+00	6.37E-01	1.53E+00	2.24E-01	0.00E+00	0.00E+00	3.75E-05	2.69E-06
5.46E+00	8.56E-01	7.86E+00	9.40E-01	2.31E+00	2.26E-01	1.08E+00	1.54E-01	2.26E+01	1.83E+00	4.92E+00	6.63E-01	1.79E+00	2.89E-01	0.00E+00	0.00E+00	3.36E-05	2.72E-06

5.80E+00	8.33E-01	7.49E+00	8.94E-01	2.25E+00	2.21E-01	1.13E+00	1.44E-01	1.67E+01	1.64E+00	4.35E+00	6.03E-01	1.93E+00	2.76E-01	0.00E+00	0.00E+00	2.47E-05	2.43E-06
5.12E+00	7.31E-01	7.01E+00	8.47E-01	2.00E+00	2.14E-01	9.62E-01	1.19E-01	1.70E+01	1.57E+00	4.28E+00	5.58E-01	1.68E+00	2.33E-01	0.00E+00	0.00E+00	2.52E-05	2.32E-06
5.70E+00	6.11E-01	8.13E+00	8.10E-01	2.33E+00	2.17E-01	8.99E-01	1.07E-01	2.21E+01	1.75E+00	5.09E+00	5.13E-01	1.65E+00	2.18E-01	0.00E+00	0.00E+00	3.28E-05	2.60E-06
6.70E+00	7.64E-01	9.51E+00	9.64E-01	2.84E+00	2.61E-01	8.10E-01	1.06E-01	2.55E+01	1.91E+00	5.97E+00	6.27E-01	1.87E+00	1.97E-01	0.00E+00	0.00E+00	3.79E-05	2.83E-06
6.90E+00	9.08E-01	9.94E+00	1.15E+00	2.77E+00	3.11E-01	7.98E-01	1.25E-01	2.65E+01	2.29E+00	6.18E+00	7.40E-01	1.88E+00	2.05E-01	0.00E+00	0.00E+00	3.94E-05	3.38E-06
6.68E+00	8.68E-01	9.83E+00	1.19E+00	2.58E+00	2.98E-01	9.56E-01	1.08E-01	2.70E+01	2.76E+00	6.03E+00	7.39E-01	1.71E+00	1.73E-01	0.00E+00	0.00E+00	4.01E-05	4.09E-06
5.81E+00	6.76E-01	8.93E+00	9.47E-01	2.54E+00	2.35E-01	8.05E-01	1.05E-01	2.41E+01	2.71E+00	5.32E+00	5.71E-01	1.48E+00	1.74E-01	0.00E+00	0.00E+00	3.59E-05	4.04E-06
4.61E+00	1.01E+00	7.38E+00	1.26E+00	2.23E+00	3.40E-01	7.24E-01	1.40E-01	1.93E+01	2.50E+00	4.29E+00	8.16E-01	1.26E+00	2.29E-01	0.00E+00	0.00E+00	2.85E-05	3.70E-06
4.76E+00	1.34E+00	6.83E+00	1.84E+00	2.27E+00	4.35E-01	6.83E-01	1.66E-01	1.76E+01	4.42E+00	4.10E+00	1.15E+00	1.21E+00	2.71E-01	0.00E+00	0.00E+00	2.61E-05	6.55E-06
6.12E+00	1.53E+00	8.13E+00	2.21E+00	2.44E+00	5.30E-01	8.49E-01	1.84E-01	2.03E+01	5.16E+00	4.98E+00	1.31E+00	1.44E+00	3.01E-01	0.00E+00	0.00E+00	3.01E-05	7.65E-06
8.83E+00	1.80E+00	1.31E+01	2.76E+00	4.12E+00	6.73E-01	1.09E+00	2.11E-01	2.97E+01	7.43E+00	7.75E+00	1.62E+00	1.60E+00	3.60E-01	0.00E+00	0.00E+00	4.39E-05	1.11E-05
8.51E+00	1.52E+00	1.26E+01	2.27E+00	3.55E+00	5.85E-01	1.02E+00	1.89E-01	2.93E+01	6.55E+00	7.54E+00	1.37E+00	1.57E+00	3.38E-01	0.00E+00	0.00E+00	4.34E-05	9.76E-06
8.06E+00	1.38E+00	1.20E+01	2.14E+00	3.45E+00	5.00E-01	9.71E-01	1.76E-01	2.74E+01	6.01E+00	7.13E+00	1.26E+00	1.49E+00	2.85E-01	0.00E+00	0.00E+00	4.06E-05	8.95E-06
8.28E+00	1.70E+00	1.23E+01	2.58E+00	3.83E+00	6.40E-01	1.02E+00	2.01E-01	2.81E+01	6.93E+00	7.30E+00	1.51E+00	1.50E+00	3.44E-01	0.00E+00	0.00E+00	4.15E-05	1.03E-05
7.77E+00	1.78E+00	1.15E+01	2.55E+00	3.82E+00	6.42E-01	9.80E-01	2.25E-01	2.57E+01	6.23E+00	6.79E+00	1.56E+00	1.40E+00	3.84E-01	0.00E+00	0.00E+00	3.80E-05	9.25E-06
6.94E+00	1.52E+00	9.79E+00	2.12E+00	3.30E+00	5.38E-01	9.25E-01	2.22E-01	2.34E+01	5.54E+00	5.95E+00	1.22E+00	1.50E+00	3.73E-01	0.00E+00	0.00E+00	3.47E-05	8.23E-06
6.60E+00	1.54E+00	8.96E+00	2.36E+00	2.60E+00	5.88E-01	8.63E-01	1.74E-01	2.23E+01	5.39E+00	5.55E+00	1.33E+00	1.34E+00	2.85E-01	0.00E+00	0.00E+00	3.31E-05	7.98E-06
4.92E+00	1.40E+00	7.23E+00	1.99E+00	2.26E+00	4.72E-01	6.94E-01	1.69E-01	1.75E+01	4.80E+00	4.30E+00	1.21E+00	1.22E+00	2.75E-01	0.00E+00	0.00E+00	2.58E-05	7.13E-06
4.59E+00	1.14E+00	6.48E+00	1.53E+00	1.89E+00	4.05E-01	7.65E-01	1.45E-01	1.66E+01	3.53E+00	3.45E+00	9.66E-01	1.40E+00	2.36E-01	0.00E+00	0.00E+00	2.46E-05	5.23E-06
4.88E+00	8.70E-01	7.69E+00	1.06E+00	2.31E+00	3.01E-01	7.78E-01	1.24E-01	1.99E+01	2.04E+00	4.51E+00	6.93E-01	1.33E+00	2.03E-01	0.00E+00	0.00E+00	2.95E-05	3.04E-06
6.50E+00	6.95E-01	8.94E+00	1.03E+00	2.48E+00	2.43E-01	8.93E-01	7.66E-02	2.41E+01	2.77E+00	5.40E+00	6.24E-01	1.50E+00	1.22E-01	0.00E+00	0.00E+00	3.59E-05	4.12E-06
6.39E+00	8.46E-01	9.40E+00	1.15E+00	2.47E+00	2.96E-01	8.73E-01	1.07E-01	2.57E+01	2.62E+00	5.78E+00	7.17E-01	1.51E+00	1.71E-01	0.00E+00	0.00E+00	3.82E-05	3.88E-06
6.54E+00	8.47E-01	9.38E+00	1.06E+00	2.72E+00	2.89E-01	7.56E-01	1.18E-01	2.52E+01	2.05E+00	5.86E+00	6.86E-01	1.57E+00	1.96E-01	0.00E+00	0.00E+00	3.74E-05	3.02E-06
6.21E+00	6.67E-01	8.82E+00	8.72E-01	2.66E+00	2.32E-01	8.31E-01	1.05E-01	2.38E+01	1.85E+00	5.54E+00	5.60E-01	1.65E+00	2.11E-01	0.00E+00	0.00E+00	3.54E-05	2.74E-06
5.05E+00	5.97E-01	7.27E+00	7.99E-01	2.11E+00	2.17E-01	9.05E-01	9.87E-02	2.00E+01	1.73E+00	4.54E+00	5.04E-01	1.72E+00	2.02E-01	0.00E+00	0.00E+00	2.97E-05	2.56E-06
5.27E+00	6.42E-01	5.93E+00	8.23E-01	1.79E+00	2.22E-01	8.70E-01	8.84E-02	1.67E+01	1.62E+00	3.77E+00	5.25E-01	1.56E+00	1.75E-01	0.00E+00	0.00E+00	2.48E-05	2.40E-06
4.84E+00	6.86E-01	6.50E+00	8.58E-01	1.80E+00	2.21E-01	8.58E-01	1.09E-01	1.63E+01	1.64E+00	3.98E+00	5.55E-01	1.54E+00	2.14E-01	0.00E+00	0.00E+00	2.42E-05	2.42E-06
5.75E+00	7.64E-01	7.20E+00	8.83E-01	2.05E+00	2.21E-01	1.11E+00	1.29E-01	1.70E+01	1.67E+00	4.15E+00	5.81E-01	1.90E+00	2.48E-01	0.00E+00	0.00E+00	2.52E-05	2.47E-06
5.58E+00	8.61E-01	6.72E+00	9.36E-01	2.22E+00	2.31E-01	1.10E+00	1.54E-01	1.71E+01	1.69E+00	3.99E+00	6.39E-01	1.87E+00	2.87E-01	0.00E+00	0.00E+00	2.55E-05	2.49E-06
5.49E+00	8.20E-01	7.34E+00	9.27E-01	2.10E+00	2.28E-01	1.09E+00	1.47E-01	2.07E+01	1.70E+00	4.58E+00	6.42E-01	1.81E+00	2.70E-01	0.00E+00	0.00E+00	3.08E-05	2.52E-06
5.60E+00	8.07E-01	8.18E+00	9.15E-01	2.02E+00	2.28E-01	9.54E-01	1.27E-01	2.25E+01	1.69E+00	5.08E+00	6.31E-01	1.59E+00	2.35E-01	0.00E+00	0.00E+00	3.35E-05	2.51E-06
6.03E+00	7.35E-01	8.84E+00	8.43E-01	2.31E+00	2.16E-01	7.52E-01	1.09E-01	2.37E+01	1.69E+00	5.45E+00	5.72E-01	1.37E+00	1.89E-01	0.00E+00	0.00E+00	3.52E-05	2.50E-06
6.00E+00	5.78E-01	8.86E+00	7.25E-01	2.44E+00	1.90E-01	7.97E-01	9.78E-02	2.31E+01	1.71E+00	5.42E+00	4.72E-01	1.31E+00	1.76E-01	0.00E+00	0.00E+00	3.43E-05	2.54E-06
5.14E+00	5.69E-01	7.58E+00	6.78E-01	2.18E+00	1.78E-01	7.49E-01	9.67E-02	1.92E+01	1.56E+00	4.63E+00	4.43E-01	1.27E+00	1.76E-01	0.00E+00	0.00E+00	2.84E-05	2.31E-06
5.38E+00	5.12E-01	6.99E+00	6.41E-01	1.86E+00	1.63E-01	7.01E-01	7.73E-02	1.66E+01	1.87E+00	4.49E+00	4.12E-01	1.10E+00	1.42E-01	0.00E+00	0.00E+00	2.46E-05	2.78E-06
5.76E+00	4.90E-01	7.37E+00	7.28E-01	2.23E+00	1.68E-01	7.88E-01	6.65E-02	1.66E+01	2.08E+00	4.73E+00	4.67E-01	1.24E+00	1.13E-01	0.00E+00	0.00E+00	2.49E-05	3.10E-06
8.62E+00	7.11E-01	9.21E+00	8.49E-01	2.63E+00	2.45E-01	1.28E+00	1.04E-01	1.92E+01	2.02E+00	6.63E+00	5.75E-01	2.18E+00	1.86E-01	0.00E+00	0.00E+00	2.84E-05	3.00E-06
7.71E+00	7.30E-01	8.99E+00	9.38E-01	2.52E+00	2.16E-01	1.14E+00	9.36E-02	1.73E+01	2.28E+00	6.12E+00	6.43E-01	1.95E+00	1.71E-01	0.00E+00	0.00E+00	2.58E-05	3.39E-06
5.87E+00	8.03E-01	6.74E+00	1.00E+00	1.91E+00	2.71E-01	1.08E+00	1.11E-01	1.40E+01	2.12E+00	4.48E+00	6.84E-01	2.04E+00	1.95E-01	0.00E+00	0.00E+00	2.06E-05	3.14E-06
6.07E+00	8.32E-01	6.73E+00	1.00E+00	2.45E+00	3.21E-01	1.01E+00	1.23E-01	1.32E+01	1.82E+00	4.47E+00	6.85E-01	1.92E+00	2.09E-01	0.00E+00	0.00E+00	1.96E-05	2.68E-06
5.58E+00	8.66E-01	5.99E+00	1.01E+00	2.32E+00	3.41E-01	9.54E-01	1.33E-01	1.30E+01	1.65E+00	4.00E+00	6.93E-01	1.59E+00	2.23E-01	0.00E+00	0.00E+00	1.92E-05	2.41E-06
5.20E+00	1.12E+00	5.92E+00	1.10E+00	1.66E+00	2.92E-01	9.52E-01	1.81E-01	1.53E+01	1.72E+00	3.69E+00	8.34E-01	1.61E+00	3.22E-01	0.00E+00	0.00E+00	2.27E-05	2.56E-06
5.20E+00	1.08E+00	5.90E+00	1.10E+00	1.83E+00	3.38E-01	8.79E-01	1.76E-01	1.40E+01	1.51E+00	4.06E+00	8.16E-01	1.65E+00	3.03E-01	0.00E+00	0.00E+00	2.07E-05	2.20E-06
5.39E+00	1.08E+00	6.07E+00	1.11E+00	2.17E+00	3.48E-01	9.56E-01	1.76E-01	1.45E+01	1.52E+00	4.10E+00	8.21E-01	1.80E+00	3.04E-01	0.00E+00	0.00E+00	2.16E-05	2.23E-06
6.85E+00	1.01E+00	7.39E+00	1.07E+00	2.45E+00	3.32E-01	1.18E+00	1.61E-01	1.53E+01	1.58E+00	4.98E+00	7.84E-01	2.01E+00	2.81E-01	0.00E+00	0.00E+00	2.28E-05	2.32E-06
7.22E+00	9.66E-01	8.44E+00	1.03E+00	2.37E+00	2.96E-01	1.24E+00	1.51E-01	1.60E+01	1.61E+00	5.73E+00	7.64E-01	2.42E+00	2.73E-01	0.00E+00	0.00E+00	2.37E-05	2.36E-06
8.33E+00	8.54E-01	1.21E+01	1.00E+00	3.40E+00	3.47E-01	1.52E+00	1.34E-01	3.08E+01	1.92E+00	7.34E+00	6.77E-01	2.93E+00	2.37E-01	0.00E+00	0.00E+00	4.56E-05	2.83E-06
4.10E+00	9.96E-01	5.50E+00	1.36E+00	2.06E+00	3.39E-01	5.53E-01	1.36E-01	1.48E+01	2.80E+00	3.42E+00	8.58E-01	1.03E+00	2.84E-01	0.00E+00	0.00E+00	2.21E-05	4.14E-06
4.54E+00	6.96E-01	6.49E+00	1.01E+00	2.05E+00	2.41E-01	8.74E-01	9.17E-02	1.68E+01	2.45E+00	3.91E+00	5.96E-01	1.64E+00	1.86E-01	0.00E+00	0.00E+00	2.49E-05	3.63E-06
5.13E+00	6.80E-01	7.49E+00	8.72E-01	2.05E+00	1.84E-01	7.75E-01	1.00E-01	2.10E+01	2.14E+00	4.21E+00	5.81E-01	1.48E+00	2.00E-01	0.00E+00	0.00E+00	3.11E-05	3.18E-06
4.08E+00	6.03E-01	6.63E+00	6.67E-01	1.76E+00	1.61E-01	6.86E-01	9.26E-02	1.84E+01	1.58E+00	3.65E+00	4.69E-01	1.53E+00	1.84E-01	0.00E+00	0.00E+00	2.73E-05	2.34E-06
5.48E+00	6.53E-01	5.24E+00	1.06E+00	1.36E+00	2.61E-01	1.02E+00	8.75E-02	1.33E+01	2.37E+00	3.77E+00	5.62E-01	2.11E+00	1.67E-01	0.00E+00	0.00E+00	1.98E-05	3.51E-06
6.11E+00	9.80E-01	5.79E+00	1.27E+00	1.50E+00	2.98E-01	1.22E+00	1.31E-01	1.48E+01	3.13E+00	4.22E+00	8.31E-01	2.62E+00	2.57E-01	0.00E+00	0.00E+00	2.20E-05	4.65E-06
4.87E+00	1.04E+00	6.86E+00	1.42E+00	1.87E+00	2.97E-01	9.72E-01	1.28E-01	1.83E+01	3.18E+00	3.99E+00	9.10E-01	2.22E+00	2.33E-01	0.00E+00	0.00E+00	2.71E-05	4.72E-06
3.94E+00	8.94E-01	6.06E+00	1.45E+00	2.08E+00	4.18E-01	5.94E-01	1.28E-01	1.44E+01	3.26E+00	3.44E+00	8.19E-01	1.14E+00	2.40E-01	0.00E+00	0.00E+00	2.14E-05	4.82E-06
4.21E+00	1.12E+00	6.54E+00	1.75E+00	2.07E+00	5.28E-01	8.35E-01	1.33E-01	1.40E+01	3.67E+00	3.63E+00	1.00E+00	1.62E+00	2.40E-01	0.00E+00	0.00E+00	2.07E-05	5.42E-06
4.68E+00	9.64E-01	6.93E+00	1.31E+00	2.33E+00	3.20E-01	6.72E-01	1.37E-01	1.39E+01	2.48E+00	4.02E+00	7.88E-01	1.08E+00	2.35E-01	0.00E+00	0.00E+00	2.04E-05	3.68E-06
4.09E+00	1.25E+00	5.69E+00	1.51E+00	1.90E+00	4.21E-01	6.20E-01	1.87E-01	1.43E+01	2.66E+00	3.51E+00	1.01E+00	1.11E+00	3.51E-01	0.00E+00	0.00E+00	2.12E-05	3.93E-06
4.45E+00	8.92E-01	6.10E+00	1.16E+00	2.29E+00	3.25E-01	6.71E-01	1.50E-01	1.32E+01	2.57E+00	3.70E+00	7.39E-01	1.18E+00	2.78E-01	0.00E+00	0.00E+00	1.95E-05	3.81E-06
4.20E+00	9.39E-01	5.76E+00	1.46E+00	1.83E+00	4.27E-01	7.25E-01	1.21E-01	1.41E+01	3.33E+00	3.47E+00	8.44E-01	1.40E+00	2.35E-01	0.00E+00	0.00E+00	2.09E-05	4.93E-06
4.16E+00	1.05E+00	5.81E+00	1.57E+00	1.80E+00	4.84E-01	8.22E-01	1.45E-01	1.41E+01	3.70E+00	3.19E+00	9.22E-01	1.54E+00	2.56E-01	0.00E+00	0.00E+00	2.09E-05	5.48E-06
3.44E+00	1.24E+00	5.99E+00	1.73E+00	1.97E+00	4.81E-01	4.90E-01	1.64E-01	1.22E+01	3.07E+00	3.20E+00	1.09E+00	1.26E+00	3.02E-01	0.00E+00	0.00E+00	1.81E-05	4.54E-06
3.33E+00	1.18E+00	6.26E+00	1.33E+00	1.95E+00	3.82E-01	4.86E-01	1.79E-01	1.42E+01	2.72E+00	3.27E+00	9.63E-01	1.40E+00	3.31E-01	0.00E+00	0.00E+00	2.10E-05	4.02E-06
3.40E+00	9.18E-01	5.90E+00	1.40E+00	1.79E+00	3.92E-01	6.33E-01	1.41E-01	1.47E+01	2.78E+00	3.15E+00	8.21E-01	1.58E+00	2.49E-01	0.00E+00	0.00E+00	2.18E-05	4.11E-06
3.60E+00	9.84E-01	6.42E+00	1.39E+00	2.07E+00	3.89E-01	6.45E-01	1.28E-01	1.54E+01	3.03E+00	3.53E+00	8.54E-01	1.68E+00	2.21E-01	0.00E+00	0.00E+00	2.29E-05	4.48E-06
3.61E+00	9.57E-01	5.85E+00	1.44E+00	1.88E+00	4.34E-01	7.12E-01	1.35E-01	1.56E+01	3.19E+00	3.44E+00	8.29E-01	1.87E+00	2.37E-01	0.00E+00	0.00E+00	2.32E-05	4.72E-06
4.85E+00	9.61E-01	5.77E+00	1.44E+00	1.80E+00	4.21E-01	9.50E-01	1.23E-01	1.53E+01	3.04E+00	3.66E+00	8.79E-01	2.21E+00	2.14E-01	0.00E+00	0.00E+00	2.27E-05	4.49E-06
4.74E+00	9.88E-01	6.54E+00	1.59E+00	2.07E+00	4.85E-01	9.38E-01	1.29E-01	1.51E+01	3.61E+00	3.59E+00	8.77E-01	1.87E+00	2.41E-01	0.00E+00	0.00E+00	2.24E-05	5.34E-06
5.64E+00	1.05E+00	6.10E+00	1.72E+00	1.91E+00	5.29E-01	1.12E+00	1.36E-01	1.48E+01	3.75E+00	3.51E+00	9.83E-01	1.94E+00	2.48E-01	0.00E+00	0.00E+00	2.20E-05	5.54E-06
5.05E+00	1.10E+00	5.60E+00	1.60E+00	1.70E+00	4.76E-01	1.01E+00	1.38E-01	1.43E+01	3.42E+00	3.34E+00	9.87E-01	1.92E+00	2.44E-01	0.00E+00	0.00E+00	2.13E-05	5.06E-06
5.17E+00	1.07E+00	4.84E+00	1.49E+00	1.48E+00	4.17E-01	1.03E+00	1.43E-01	1.35E+01	3.20E+00	3.14E+00	9.35E-01	1.93E+00	2.51E-01	0.00E+00	0.00E+00	2.00E-05	4.74E-06
5.21E+00	1.03E+00	4.41E+00	1.29E+00	1.42E+00	3.55E-01	1.00E+00	1.41E-01	1.21E+01	2.77E+00	3.36E+00	8.54E-01	1.98E+00	2.55E-01	0.00E+00	0.00E+00	1.79E-05	4.09E-06
5.68E+00	1.03E+00	4.32E+00	1.29E+00	1.33E+00	3.61E-01	1.05E+00	1.51E-01	1.11E+01	2.93E+00	3.57E+00	8.36E-01	2.02E+00	2.75E-01	0.00E+00	0.00E+00	1.65E-05	4.34E-06
4.95E+00	1.04E+00	4.62E+00	1.37E+00	1.37E+00	3.75E-01	8.93E-01	1.56E-01	1.18E+01	3.05E+00	3.16E+00	8.92E-01	1.73E+00	2.83E-01	0.00E+00	0.00E+00	1.75E-05	4.51E-06
5.48E+00	1.14E+00	5.12E+00	1.39E+00	1.42E+00	3.93E-01	8.43E-01	1.58E-01	1.14E+01	3.05E+00	4.00E+00	9.44E-01	1.45E+00	2.83E-01	0.00E+00	0.00E+00	1.69E-05	4.51E-06
5.23E+00	1.02E+00	5.67E+00	1.26E+00	1.27E+00	3.67E-01	7.50E-01	1.45E-01	1.64E+01	2.78E+00	4.02E+00	8.35E-01	1.35E+00	2.57E-01	0.00E+00	0.00E+00	2.45E-05	4.12E-06
4.78E+00	9.35E-01	5.54E+00	1.17E+00	1.34E+00	3.42E-01	6.56E-01	1.35E-01	1.99E+01	2.60E+00	3.78E+00	7.64E-01	1.51E+00	2.42E-01	0.00E+00	0.00E+00	2.98E-05	3.86E-06
6.84E+00	7.88E-01	6.32E+00	8.61E-01	1.53E+00	2.50E-01	1.16E+00	1.21E-01	2.74E+01	2.43E+00	4.84E+00	6.04E-01	2.10E+00	2.14E-01	0.00E+00	0.00E+00	4.10E-05	3.63E-06
8.42E+00	7.66E-01	8.93E+00	8.18E-01	2.47E+00	2.01E-01	1.35E+00	1.16E-01	2.60E+01	2.45E+00	6.06E+00	5.91E-01	2.25E+00	1.99E-01	0.00E+00	0.00E+00	3.90E-05	3.66E-06
9.48E+00	7.29E-01	1.13E+01	8.08E-01	3.35E+00	2.38E-01	1.42E+00	1.08E-01	2.19E+01	2.25E+00	7.12E+00	5.69E-01	2.23E+00	1.81E-01	0.00E+00	0.00E+00	3.28E-05	3.36E-06
1.04E+01	7.68E-01	1.41E+01	1.01E+00	4.32E+00	3.07E-01	1.40E+00	1.06E-01	2.81E+01	1.94E+00	8.36E+00	6.13E-01	2.03E+00	1.66E-01	0.00E+00	0.00E+00	4.14E-05	2.85E-06
1.06E+01	7.99E-01	1.56E+01	1.14E+00	4.74E+00	3.41E-01	1.29E+00	1.01E-01	3.70E+01	2.53E+00	9.05E+00	6.69E-01	1.75E+00	1.82E-01	0.00E+00	0.00E+00	5.48E-05	3.75E-06
1.02E+01	7.78E-01	1.59E+01	1.17E+00	4.65E+00	3.42E-01	1.11E+00	1.02E-01	4.26E+01	2.92E+00	9.10E+00	6.78E-01	1.43E+00	1.94E-01	0.00E+00	0.00E+00	6.32E-05	4.33E-06
9.03E+00	7.05E-01	1.47E+01	1.10E+00	4.09E+00	3.09E-01	9.06E-01	1.08E-01	4.30E+01	3.00E+00	8.39E+00	6.36E-01	1.12E+00	2.03E-01	0.00E+00	0.00E+00	6.38E-05	4.45E-06
7.60E+00	6.07E-01	1.16E+01	8.85E-01	3.46E+00	2.70E-01	8.73E-01	8.01E-02	2.98E+01	2.05E+00	6.71E+00	5.18E-01	1.19E+00	1.31E-01	0.00E+00	0.00E+00	4.41E-05	3.03E-06
7.64E+00	6.29E-01	1.06E+01	7.75E-01	3.25E+00	2.39E-01	9.89E-01	8.96E-02	2.33E+01	2.31E+00	6.35E+00	5.07E-01	1.42E+00	1.50E-01	0.00E+00	0.00E+00	3.45E-05	3.45E-06
7.23E+00	6.74E-01	9.11E+00	7.73E-01	2.76E+00	1.96E-01	1.03E+00	9.75E-02	2.48E+01	2.55E+00	5.69E+00	5.38E-01	1.57E+00	1.67E-01	0.00E+00	0.00E+00	3.73E-05	3.81E-06
6.59E+00	7.03E-01	7.53E+00	7.93E-01	2.21E+00	1.88E-01	1.01E+00	1.03E-01	2.68E+01	2.63E+00	4.97E+00	5.56E-01	1.62E+00	1.79E-01	0.00E+00	0.00E+00	4.03E-05	3.92E-06
4.93E+00	7.25E-01	6.03E+00	8.00E-01	1.67E+00	2.23E-01	8.27E-01	1.09E-01	2.74E+01	2.46E+00	3.52E+00	5.66E-01	1.46E+00	1.94E-01	0.00E+00	0.00E+00	4.11E-05	3.67E-06
4.14E+00	7.28E-01	5.88E+00	8.90E-01	1.62E+00	2.44E-01	7.19E-01	1.09E-01	2.62E+01	2.28E+00	3.27E+00	5.92E-01	1.33E+00	1.97E-01	0.00E+00	0.00E+00	3.93E-05	3.39E-06
4.31E+00	8.77E-01	6.11E+00	1.01E+00	1.44E+00	2.67E-01	5.63E-01	1.26E-01	2.31E+01	2.22E+00	3.65E+00	6.94E-01	1.13E+00	2.19E-01	0.00E+00	0.00E+00	3.46E-05	3.29E-06
4.74E+00	1.02E+00	6.03E+00	1.11E+00	1.26E+00	2.83E-01	6.14E-01	1.50E-01	1.83E+01	2.31E+00	3.81E+00	7.93E-01	9.91E-01	2.47E-01	0.00E+00	0.00E+00	2.75E-05	3.43E-06
4.72E+00	1.11E+00	5.02E+00	1.20E+00	1.21E+00	3.00E-01	6.93E-01	1.66E-01	1.14E+01	2.36E+00	3.54E+00	8.70E-01	1.15E+00	2.85E-01	0.00E+00	0.00E+00	1.71E-05	3.49E-06
4.36E+00	1.04E+00	4.88E+00	1.30E+00	1.26E+00	3.39E-01	7.31E-01	1.53E-01	1.02E+01	2.59E+00	3.28E+00	8.56E-01	1.24E+00	2.80E-01	0.00E+00	0.00E+00	1.51E-05	3.83E-06
4.60E+00	1.05E+00	4.25E+00	1.37E+00	1.25E+00	3.67E-01	7.34E-01	1.42E-01	1.09E+01	2.71E+00	3.24E+00	8.83E-01	1.23E+00	2.60E-01	0.00E+00	0.00E+00	1.62E-05	4.01E-06

Scenario 4 Results

4.29E+00	1.03E+00	4.52E+00	1.41E+00	1.24E+00	3.92E-01	7.57E-01	1.35E-01	1.30E+01	2.81E+00	2.75E+00	8.83E-01	1.45E+00	2.30E-01	0.00E+00	0.00E+00	1.93E-05	4.16E-06
4.53E+00	9.99E-01	5.12E+00	1.39E+00	1.46E+00	3.97E-01	8.48E-01	1.31E-01	1.49E+01	2.80E+00	3.13E+00	8.56E-01	1.62E+00	2.21E-01	0.00E+00	0.00E+00	2.21E-05	4.14E-06
4.05E+00	9.53E-01	5.61E+00	1.36E+00	1.76E+00	3.92E-01	7.81E-01	1.32E-01	1.63E+01	3.03E+00	3.45E+00	8.33E-01	1.58E+00	2.23E-01	0.00E+00	0.00E+00	2.42E-05	4.48E-06
4.11E+00	9.66E-01	6.15E+00	1.51E+00	1.73E+00	4.58E-01	7.46E-01	1.43E-01	1.79E+01	3.40E+00	3.79E+00	8.86E-01	1.48E+00	2.50E-01	0.00E+00	0.00E+00	2.66E-05	5.02E-06
4.39E+00	9.33E-01	6.54E+00	1.48E+00	1.95E+00	4.58E-01	7.21E-01	1.29E-01	1.91E+01	3.41E+00	4.03E+00	8.37E-01	1.33E+00	2.31E-01	0.00E+00	0.00E+00	2.83E-05	5.04E-06
4.50E+00	8.91E-01	6.71E+00	1.30E+00	1.91E+00	3.94E-01	8.52E-01	1.23E-01	1.96E+01	3.05E+00	4.12E+00	7.95E-01	1.60E+00	2.27E-01	0.00E+00	0.00E+00	2.90E-05	4.51E-06
8.56E+00	8.29E-01	6.78E+00	1.26E+00	1.96E+00	3.71E-01	1.70E+00	1.06E-01	1.99E+01	2.74E+00	4.90E+00	7.66E-01	2.96E+00	1.94E-01	0.00E+00	0.00E+00	2.95E-05	4.04E-06
9.44E+00	7.98E-01	6.67E+00	1.24E+00	1.93E+00	3.70E-01	1.87E+00	1.11E-01	1.97E+01	2.81E+00	6.66E+00	7.26E-01	3.99E+00	1.87E-01	0.00E+00	0.00E+00	2.92E-05	4.15E-06
7.12E+00	8.60E-01	6.28E+00	1.17E+00	1.93E+00	3.33E-01	1.39E+00	1.13E-01	1.88E+01	2.69E+00	5.71E+00	7.35E-01	3.44E+00	1.90E-01	0.00E+00	0.00E+00	2.79E-05	3.98E-06
3.67E+00	8.40E-01	5.98E+00	1.22E+00	1.85E+00	3.41E-01	6.87E-01	1.09E-01	1.75E+01	2.52E+00	3.40E+00	7.37E-01	2.07E+00	1.86E-01	0.00E+00	0.00E+00	2.59E-05	3.72E-06
3.55E+00	8.42E-01	5.81E+00	1.15E+00	1.92E+00	3.20E-01	5.58E-01	1.32E-01	1.54E+01	2.42E+00	3.34E+00	6.76E-01	1.55E+00	2.29E-01	0.00E+00	0.00E+00	2.29E-05	3.59E-06
3.40E+00	1.05E+00	5.89E+00	1.19E+00	1.84E+00	3.31E-01	4.98E-01	1.57E-01	1.38E+01	2.43E+00	3.15E+00	8.43E-01	1.41E+00	2.77E-01	0.00E+00	0.00E+00	2.04E-05	3.59E-06
3.58E+00	1.20E+00	6.16E+00	1.67E+00	2.00E+00	4.71E-01	4.64E-01	1.58E-01	1.28E+01	3.16E+00	3.36E+00	1.05E+00	1.21E+00	2.78E-01	0.00E+00	0.00E+00	1.89E-05	4.66E-06
4.07E+00	9.75E-01	5.73E+00	1.37E+00	1.76E+00	4.07E-01	6.90E-01	1.31E-01	1.52E+01	3.15E+00	3.41E+00	8.32E-01	1.32E+00	2.27E-01	0.00E+00	0.00E+00	2.26E-05	4.66E-06
1.55E+00	1.04E-01	2.49E+00	1.52E-01	7.21E-01	4.71E-02	1.61E-01	1.27E-02	6.92E+00	3.97E-01	1.48E+00	9.63E-02	2.23E-01	2.10E-02	0.00E+00	0.00E+00	2.44E-05	1.59E-06
1.38E+00	1.06E-01	2.19E+00	1.53E-01	6.32E-01	4.55E-02	1.46E-01	1.30E-02	6.03E+00	3.88E-01	1.32E+00	9.47E-02	2.06E-01	2.08E-02	0.00E+00	0.00E+00	2.02E-05	1.46E-06
1.03E+00	1.16E-01	1.61E+00	1.72E-01	4.39E-01	4.71E-02	1.10E-01	1.36E-02	4.49E+00	4.23E-01	9.84E-01	1.05E-01	1.71E-01	2.39E-02	0.00E+00	0.00E+00	1.56E-05	2.32E-06
8.80E-01	1.28E-01	1.47E+00	1.97E-01	5.76E-01	5.30E-02	1.11E-01	1.59E-02	4.84E+00	5.25E-01	8.43E-01	1.19E-01	1.87E-01	2.86E-02	0.00E+00	0.00E+00	1.86E-05	1.86E-06
8.73E-01	1.24E-01	1.48E+00	1.91E-01	6.78E-01	5.15E-02	1.21E-01	1.71E-02	5.10E+00	5.16E-01	8.52E-01	1.15E-01	2.34E-01	3.06E-02	0.00E+00	0.00E+00	1.49E-05	1.55E-06
8.55E-01	1.21E-01	1.48E+00	1.57E-01	6.01E-01	4.48E-02	1.45E-01	1.71E-02	4.67E+00	4.18E-01	8.76E-01	9.93E-02	2.81E-01	3.03E-02	0.00E+00	0.00E+00	1.72E-05	2.69E-06
1.06E+00	1.24E-01	1.28E+00	1.54E-01	4.29E-01	3.90E-02	1.76E-01	1.68E-02	5.37E+00	4.90E-01	7.55E-01	1.03E-01	3.23E-01	2.93E-02	0.00E+00	0.00E+00	2.33E-05	3.01E-06
1.15E+00	1.48E-01	1.41E+00	1.63E-01	5.11E-01	4.28E-02	1.74E-01	2.29E-02	4.17E+00	4.61E-01	9.32E-01	1.13E-01	3.31E-01	4.11E-02	0.00E+00	0.00E+00	1.93E-05	1.87E-06
1.25E+00	2.02E-01	1.94E+00	2.58E-01	6.95E-01	7.09E-02	1.51E-01	2.79E-02	4.65E+00	5.03E-01	1.13E+00	1.66E-01	2.41E-01	4.53E-02	0.00E+00	0.00E+00	1.79E-05	1.32E-06
1.24E+00	2.18E-01	2.17E+00	3.22E-01	6.45E-01	8.47E-02	1.55E-01	2.48E-02	6.61E+00	8.51E-01	1.23E+00	1.97E-01	2.85E-01	3.67E-02	0.00E+00	0.00E+00	1.60E-05	1.35E-06
1.26E+00	1.88E-01	2.00E+00	3.16E-01	6.47E-01	8.33E-02	1.86E-01	1.73E-02	6.29E+00	9.77E-01	1.11E+00	1.86E-01	3.23E-01	2.99E-02	0.00E+00	0.00E+00	1.42E-05	1.53E-06
1.30E+00	1.44E-01	1.86E+00	2.69E-01	6.00E-01	8.13E-02	1.63E-01	1.90E-02	6.53E+00	8.57E-01	1.14E+00	1.51E-01	2.76E-01	3.18E-02	0.00E+00	0.00E+00	1.90E-05	1.67E-06
2.08E+00	1.38E-01	3.03E+00	2.22E-01	7.02E-01	7.44E-02	2.26E-01	1.87E-02	8.88E+00	6.99E-01	1.95E+00	1.22E-01	3.58E-01	3.04E-02	0.00E+00	0.00E+00	2.28E-05	1.38E-06
2.26E+00	1.38E-01	3.80E+00	2.16E-01	1.07E+00	5.81E-02	2.13E-01	1.43E-02	1.18E+01	6.51E-01	2.27E+00	1.35E-01	2.95E-01	2.67E-02	0.00E+00	0.00E+00	1.26E-05	1.57E-06
1.61E+00	1.23E-01	2.66E+00	1.73E-01	8.50E-01	5.51E-02	2.04E-01	1.60E-02	8.31E+00	5.02E-01	1.51E+00	1.06E-01	3.08E-01	2.63E-02	0.00E+00	0.00E+00	1.24E-05	1.21E-06
1.43E+00	1.53E-01	1.71E+00	2.03E-01	7.93E-01	7.70E-02	2.04E-01	2.00E-02	7.12E+00	5.11E-01	1.15E+00	1.30E-01	4.04E-01	3.19E-02	0.00E+00	0.00E+00	1.18E-05	1.32E-06
1.62E+00	1.47E-01	2.64E+00	2.51E-01	8.35E-01	1.01E-01	1.66E-01	1.85E-02	7.28E+00	6.97E-01	1.54E+00	1.32E-01	2.90E-01	2.85E-02	0.00E+00	0.00E+00	1.57E-05	1.48E-06
1.67E+00	1.50E-01	2.51E+00	2.98E-01	8.09E-01	1.04E-01	1.94E-01	1.18E-02	7.14E+00	9.26E-01	1.52E+00	1.59E-01	2.93E-01	1.89E-02	0.00E+00	0.00E+00	1.54E-05	1.64E-06
1.44E+00	1.49E-01	2.32E+00	2.96E-01	8.03E-01	7.42E-02	1.90E-01	1.00E-02	8.03E+00	1.07E+00	1.33E+00	1.65E-01	3.02E-01	1.53E-02	0.00E+00	0.00E+00	1.22E-05	1.25E-06
1.08E+00	1.02E-01	2.18E+00	2.00E-01	5.97E-01	4.54E-02	1.53E-01	9.28E-03	8.98E+00	8.22E-01	1.24E+00	1.17E-01	2.67E-01	1.61E-02	0.00E+00	0.00E+00	1.32E-05	1.57E-06
1.34E+00	8.91E-02	1.99E+00	1.32E-01	6.95E-01	4.40E-02	1.72E-01	1.12E-02	4.93E+00	3.56E-01	1.18E+00	7.99E-02	2.52E-01	1.71E-02	0.00E+00	0.00E+00	1.44E-05	2.14E-06
1.72E+00	1.12E-01	2.84E+00	1.80E-01	8.37E-01	5.20E-02	1.75E-01	1.18E-02	7.86E+00	4.88E-01	1.65E+00	1.07E-01	2.37E-01	1.69E-02	0.00E+00	0.00E+00	3.64E-05	1.91E-06
1.58E+00	1.16E-01	2.62E+00	1.83E-01	6.66E-01	4.76E-02	1.47E-01	1.20E-02	8.00E+00	5.23E-01	1.54E+00	1.10E-01	2.41E-01	1.74E-02	0.00E+00	0.00E+00	2.51E-05	1.97E-06
1.12E+00	1.04E-01	1.61E+00	1.59E-01	4.65E-01	4.07E-02	1.38E-01	1.11E-02	4.89E+00	4.46E-01	9.91E-01	9.66E-02	2.13E-01	1.64E-02	0.00E+00	0.00E+00	1.43E-05	1.67E-06
1.35E+00	1.12E-01	2.09E+00	1.56E-01	5.90E-01	4.45E-02	1.48E-01	1.41E-02	5.61E+00	3.91E-01	1.25E+00	9.77E-02	2.12E-01	2.22E-02	0.00E+00	0.00E+00	1.64E-05	2.54E-06
1.08E+00	1.32E-01	1.70E+00	1.89E-01	4.73E-01	5.32E-02	1.52E-01	1.61E-02	4.77E+00	4.59E-01	1.00E+00	1.17E-01	2.48E-01	2.48E-02	0.00E+00	0.00E+00	2.11E-05	1.73E-06
1.36E+00	1.24E-01	2.05E+00	1.78E-01	6.67E-01	5.44E-02	1.66E-01	1.64E-02	4.62E+00	4.53E-01	1.21E+00	1.10E-01	2.40E-01	2.57E-02	0.00E+00	0.00E+00	1.76E-05	2.41E-06
1.21E+00	1.45E-01	2.13E+00	2.27E-01	5.96E-01	6.47E-02	1.33E-01	1.57E-02	6.42E+00	6.09E-01	1.20E+00	1.36E-01	1.89E-01	2.29E-02	0.00E+00	0.00E+00	2.48E-05	2.90E-06
8.52E-01	1.17E-01	1.44E+00	1.89E-01	4.53E-01	4.58E-02	1.11E-01	1.13E-02	4.93E+00	5.73E-01	8.35E-01	1.14E-01	1.82E-01	1.72E-02	0.00E+00	0.00E+00	1.87E-05	2.43E-06
7.16E-01	7.66E-02	1.17E+00	1.15E-01	4.95E-01	3.38E-02	8.91E-02	1.01E-02	3.23E+00	3.27E-01	6.33E-01	7.06E-02	1.69E-01	1.73E-02	0.00E+00	0.00E+00	2.06E-05	1.37E-06
6.72E-01	8.56E-02	1.35E+00	1.19E-01	5.62E-01	3.24E-02	1.00E-01	1.06E-02	3.77E+00	2.88E-01	6.95E-01	7.44E-02	1.98E-01	1.83E-02	0.00E+00	0.00E+00	1.74E-05	1.46E-06
6.88E-01	8.72E-02	1.38E+00	1.36E-01	5.60E-01	4.14E-02	1.01E-01	9.96E-03	3.92E+00	3.47E-01	7.13E-01	8.37E-02	2.01E-01	1.74E-02	0.00E+00	0.00E+00	1.50E-05	1.64E-06
6.76E-01	8.94E-02	1.35E+00	1.53E-01	5.24E-01	4.38E-02	9.59E-02	1.15E-02	3.95E+00	4.47E-01	7.04E-01	8.95E-02	1.84E-01	1.95E-02	0.00E+00	0.00E+00	2.06E-05	1.69E-06
6.75E-01	8.94E-02	1.34E+00	1.35E-01	4.82E-01	3.69E-02	9.63E-02	1.29E-02	4.12E+00	4.13E-01	7.10E-01	7.78E-02	1.68E-01	2.13E-02	0.00E+00	0.00E+00	2.13E-05	1.50E-06
6.86E-01	9.81E-02	1.36E+00	1.14E-01	4.40E-01	3.05E-02	1.19E-01	1.41E-02	4.39E+00	3.06E-01	7.30E-01	7.97E-02	2.09E-01	2.30E-02	0.00E+00	0.00E+00	1.27E-05	1.51E-06
9.72E-01	1.03E-01	1.44E+00	1.22E-01	4.91E-01	3.23E-02	1.31E-01	1.46E-02	4.87E+00	2.79E-01	8.11E-01	8.46E-02	2.11E-01	2.41E-02	0.00E+00	0.00E+00	1.25E-05	1.26E-06
1.09E+00	1.04E-01	1.63E+00	1.33E-01	4.80E-01	3.71E-02	1.28E-01	1.43E-02	5.33E+00	3.48E-01	9.72E-01	8.79E-02	2.21E-01	2.39E-02	0.00E+00	0.00E+00	1.57E-05	1.39E-06
9.57E-01	1.04E-01	1.51E+00	1.42E-01	4.08E-01	4.09E-02	1.43E-01	1.37E-02	5.24E+00	3.82E-01	8.30E-01	9.07E-02	2.38E-01	2.27E-02	0.00E+00	0.00E+00	1.68E-05	1.74E-06
1.08E+00	1.08E-01	1.56E+00	1.64E-01	5.64E-01	5.49E-02	1.45E-01	1.37E-02	4.91E+00	4.02E-01	9.67E-01	9.84E-02	2.25E-01	2.10E-02	0.00E+00	0.00E+00	1.42E-05	1.53E-06
1.14E+00	1.19E-01	1.86E+00	2.01E-01	6.67E-01	7.64E-02	1.33E-01	1.41E-02	4.62E+00	4.80E-01	1.10E+00	1.13E-01	1.85E-01	1.85E-02	0.00E+00	0.00E+00	1.16E-05	1.46E-06
1.12E+00	1.32E-01	1.98E+00	2.40E-01	6.52E-01	9.30E-02	1.08E-01	1.39E-02	5.43E+00	5.92E-01	1.15E+00	1.31E-01	1.41E-01	1.63E-02	0.00E+00	0.00E+00	1.77E-05	2.43E-06
1.15E+00	1.26E-01	1.85E+00	2.37E-01	7.49E-01	8.53E-02	1.17E-01	1.15E-02	6.01E+00	6.70E-01	1.11E+00	1.30E-01	1.78E-01	1.60E-02	0.00E+00	0.00E+00	1.65E-05	3.01E-06
1.19E+00	1.33E-01	1.79E+00	2.00E-01	5.48E-01	5.43E-02	1.26E-01	1.31E-02	6.60E+00	6.37E-01	1.14E+00	1.26E-01	1.97E-01	2.07E-02	0.00E+00	0.00E+00	2.41E-05	1.59E-06
9.87E-01	1.19E-01	1.58E+00	1.77E-01	3.93E-01	3.97E-02	1.04E-01	1.26E-02	5.26E+00	5.13E-01	9.48E-01	1.10E-01	1.74E-01	1.96E-02	0.00E+00	0.00E+00	3.57E-05	2.37E-06
1.09E+00	8.70E-02	1.86E+00	1.30E-01	4.92E-01	3.80E-02	1.07E-01	1.02E-02	5.73E+00	3.66E-01	1.07E+00	7.86E-02	1.56E-01	1.54E-02	0.00E+00	0.00E+00	2.62E-05	1.80E-06
1.33E+00	9.49E-02	2.14E+00	1.40E-01	5.07E-01	3.93E-02	1.25E-01	1.00E-02	6.69E+00	4.38E-01	1.29E+00	8.71E-02	1.78E-01	1.56E-02	0.00E+00	0.00E+00	1.68E-05	2.23E-06
1.13E+00	1.05E-01	1.88E+00	1.65E-01	4.74E-01	4.19E-02	1.06E-01	1.10E-02	9.05E+00	5.93E-01	1.11E+00	9.82E-02	1.49E-01	1.60E-02	0.00E+00	0.00E+00	1.93E-05	2.64E-06
1.21E+00	1.15E-01	2.42E+00	1.84E-01	3.90E-01	4.80E-02	8.97E-02	1.20E-02	1.21E+01	6.35E-01	1.49E+00	1.08E-01	1.34E-01	1.76E-02	0.00E+00	0.00E+00	1.88E-05	2.10E-06
1.06E+00	1.36E-01	1.74E+00	2.18E-01	4.04E-01	5.72E-02	1.10E-01	1.41E-02	8.67E+00	5.94E-01	1.07E+00	1.28E-01	1.58E-01	2.04E-02	0.00E+00	0.00E+00	2.14E-05	3.18E-06
1.08E+00	1.49E-01	1.71E+00	2.34E-01	4.98E-01	6.28E-02	1.15E-01	1.59E-02	5.22E+00	6.25E-01	1.03E+00	1.38E-01	1.60E-01	2.36E-02	0.00E+00	0.00E+00	2.00E-05	2.93E-06
1.03E+00	1.69E-01	1.62E+00	2.67E-01	5.12E-01	7.39E-02	1.18E-01	1.81E-02	4.52E+00	7.25E-01	9.47E-01	1.58E-01	1.64E-01	2.62E-02	0.00E+00	0.00E+00	2.37E-05	1.41E-06
1.39E+00	1.07E-01	2.21E+00	1.55E-01	6.49E-01	4.84E-02	1.48E-01	1.32E-02	6.02E+00	4.17E-01	1.32E+00	9.82E-02	2.07E-01	2.13E-02	0.00E+00	0.00E+00	1.82E-05	1.53E-06
1.44E+00	1.05E-01	2.28E+00	1.52E-01	6.73E-01	4.71E-02	1.55E-01	1.29E-02	6.18E+00	3.90E-01	1.37E+00	9.68E-02	2.17E-01	2.19E-02	0.00E+00	0.00E+00	1.61E-05	1.82E-06
1.23E+00	1.12E-01	1.92E+00	1.60E-01	5.46E-01	4.68E-02	1.32E-01	1.38E-02	5.24E+00	3.94E-01	1.16E+00	9.94E-02	1.93E-01	2.21E-02	0.00E+00	0.00E+00	2.26E-05	1.87E-06
1.03E+00	1.32E-01	1.58E+00	1.97E-01	5.24E-01	5.38E-02	1.14E-01	1.53E-02	4.70E+00	4.94E-01	9.53E-01	1.20E-01	1.92E-01	2.70E-02	0.00E+00	0.00E+00	1.70E-05	1.59E-06
9.30E-01	1.37E-01	1.57E+00	2.09E-01	6.54E-01	5.59E-02	1.17E-01	1.70E-02	5.17E+00	5.54E-01	8.96E-01	1.26E-01	1.95E-01	3.06E-02	0.00E+00	0.00E+00	1.49E-05	1.51E-06
9.32E-01	1.25E-01	1.49E+00	1.91E-01	6.75E-01	5.21E-02	1.31E-01	1.77E-02	5.28E+00	5.12E-01	9.02E-01	1.16E-01	2.50E-01	3.16E-02	0.00E+00	0.00E+00	1.63E-05	1.48E-06
9.54E-01	1.23E-01	1.39E+00	1.49E-01	5.28E-01	4.37E-02	1.62E-01	1.75E-02	4.50E+00	4.13E-01	8.56E-01	1.01E-01	3.10E-01	3.09E-02	0.00E+00	0.00E+00	1.84E-05	1.77E-06
1.18E+00	1.30E-01	1.23E+00	1.60E-01	4.00E-01	3.95E-02	1.90E-01	1.77E-02	4.90E+00	4.98E-01	8.72E-01	1.07E-01	3.36E-01	3.26E-02	0.00E+00	0.00E+00	1.45E-05	1.74E-06
1.20E+00	1.73E-01	1.61E+00	2.01E-01	5.98E-01	5.40E-02	1.67E-01	2.58E-02	3.92E+00	4.10E-01	1.02E+00	1.36E-01	2.97E-01	4.45E-02	0.00E+00	0.00E+00	1.10E-05	1.31E-06
1.31E+00	2.25E-01	2.17E+00	3.07E-01	7.17E-01	8.34E-02	1.41E-01	2.86E-02	6.02E+00	7.04E-01	1.24E+00	1.93E-01	2.42E-01	4.45E-02	0.00E+00	0.00E+00	1.67E-05	2.31E-06
1.31E+00	2.28E-01	2.26E+00	3.61E-01	7.04E-01	9.50E-02	1.98E-01	2.34E-02	7.42E+00	1.05E+00	1.27E+00	2.16E-01	3.48E-01	3.25E-02	0.00E+00	0.00E+00	1.61E-05	3.10E-06
1.54E+00	1.84E-01	2.22E+00	3.28E-01	7.04E-01	9.24E-02	2.05E-01	2.00E-02	7.18E+00	1.04E+00	1.30E+00	1.88E-01	3.30E-01	3.40E-02	0.00E+00	0.00E+00	2.16E-05	2.92E-06
1.86E+00	1.48E-01	2.56E+00	2.56E-01	6.25E-01	8.29E-02	2.16E-01	2.09E-02	7.00E+00	8.06E-01	1.68E+00	1.40E-01	3.58E-01	3.44E-02	0.00E+00	0.00E+00	1.97E-05	1.84E-06
2.38E+00	1.45E-01	3.82E+00	2.22E-01	1.02E+00	6.40E-02	2.37E-01	1.73E-02	1.16E+01	6.64E-01	2.34E+00	1.39E-01	3.51E-01	2.86E-02	0.00E+00	0.00E+00	1.95E-05	1.83E-06
2.01E+00	1.29E-01	3.27E+00	2.05E-01	9.99E-01	5.76E-02	2.40E-01	1.59E-02	1.02E+01	6.07E-01	1.87E+00	1.25E-01	3.54E-01	2.85E-02	0.00E+00	0.00E+00	3.39E-05	2.59E-06
1.64E+00	1.54E-01	2.03E+00	2.01E-01	8.03E-01	7.73E-02	2.29E-01	2.05E-02	6.76E+00	5.04E-01	1.33E+00	1.30E-01	3.67E-01	3.34E-02	0.00E+00	0.00E+00	2.90E-05	1.67E-06
1.10E+00	1.47E-01	1.81E+00	2.28E-01	7.70E-01	9.64E-02	1.49E-01	1.94E-02	5.44E+00	5.98E-01	1.06E+00	1.24E-01	2.99E-01	3.10E-02	0.00E+00	0.00E+00	1.87E-05	2.77E-06
1.49E+00	1.47E-01	2.29E+00	2.93E-01	8.19E-01	1.08E-01	1.69E-01	1.29E-02	7.07E+00	8.78E-01	1.37E+00	1.55E-01	2.84E-01	2.08E-02	0.00E+00	0.00E+00	2.18E-05	2.40E-06
1.51E+00	1.56E-01	2.35E+00	3.10E-01	8.23E-01	7.86E-02	1.92E-01	1.04E-02	8.14E+00	1.12E+00	1.37E+00	1.72E-01	2.99E-01	1.63E-02	0.00E+00	0.00E+00	1.72E-05	2.76E-06
1.07E+00	1.06E-01	2.16E+00	2.07E-01	6.11E-01	4.66E-02	1.57E-01	9.83E-03	8.93E+00	8.53E-01	1.23E+00	1.21E-01	2.65E-01	1.70E-02	0.00E+00	0.00E+00	2.78E-05	3.23E-06
1.35E+00	9.35E-02	2.03E+00	1.41E-01	7.13E-01	4.72E-02	1.73E-01	1.16E-02	4.96E+00	3.72E-01	1.20E+00	8.42E-02	2.50E-01	1.74E-02	0.00E+00	0.00E+00	2.54E-05	1.82E-06
1.78E+00	1.18E-01	2.94E+00	1.91E-01	8.58E-01	5.44E-02	1.81E-01	1.24E-02	8.20E+00	5.23E-01	1.70E+00	1.13E-01	2.52E-01	1.75E-02	0.00E+00	0.00E+00	2.07E-05	1.63E-06
1.66E+00	1.23E-01	2.75E+00	1.94E-01	6.97E-01	4.99E-02	1.56E-01	1.28E-02	8.38E+00	5.53E-01	1.62E+00	1.17E-01	2.69E-01	1.86E-02	0.00E+00	0.00E+00	1.85E-05	2.14E-06
1.20E+00	1.07E-01	1.73E+00	1.63E-01	4.97E-01	4.19E-02	1.48E-01	1.17E-02	4.94E+00	4.50E-01	1.06E+00	9.91E-02	2.27E-01	1.73E-02	0.00E+00	0.00E+00	2.56E-05	2.16E-06
1.38E+00	1.16E-01	2.14E+00	1.62E-01	6.00E-01	4.60E-02	1.50E-01	1.47E-02	5.77E+00	4.07E-01	1.27E+00	1.01E-01	2.17E-01	2.31E-02	0.00E+00	0.00E+00	1.58E-05	1.89E-06
1.11E+00	1.36E-01	1.69E+00	1.94E-01	4.79E-01	5.42E-02	1.63E-01	1.66E-02	4.81E+00	4.66E-01	9.97E-01	1.20E-01	2.66E-01	2.57E-02	0.00E+00	0.00E+00	1.79E-05	1.64E-06
1.42E+00	1.36E-01	2.19E+00	1.91E-01	7.14E-01	6.09E-02	1.71E-01	1.77E-02	5.05E+00	4.74E-01	1.28E+00	1.18E-01	2.42E-01	2.74E-02	0.00E+00	0.00E+00	2.09E-05	1.78E-06
1.30E+00	1.54E-01	2.18E+00	2.45E-01	6.00E-01	6.87E-02	1.40E-01	1.64E-02	6.77E+00	6.69E-01	1.22E+00	1.45E-01	1.97E-01	2.36E-02	0.00E+00	0.00E+00	1.76E-05	2.03E-06

Scenario 4 Results

8.42E-01	1.20E-01	1.42E+00	1.92E-01	5.45E-01	4.54E-02	1.20E-01	1.16E-02	4.85E+00	5.88E-01	8.26E-01	1.16E-01	1.93E-01	1.83E-02	0.00E+00	0.00E+00	1.29E-05	1.33E-06
7.50E-01	8.30E-02	1.16E+00	1.21E-01	5.25E-01	3.55E-02	8.86E-02	1.10E-02	3.08E+00	3.18E-01	6.73E-01	7.40E-02	1.76E-01	1.90E-02	0.00E+00	0.00E+00	1.69E-05	2.31E-06
6.31E-01	9.09E-02	1.23E+00	1.27E-01	5.25E-01	3.44E-02	1.11E-01	1.12E-02	3.39E+00	3.02E-01	6.32E-01	7.90E-02	2.22E-01	1.89E-02	0.00E+00	0.00E+00	1.58E-05	3.14E-06
7.02E-01	9.56E-02	1.29E+00	1.55E-01	4.87E-01	4.65E-02	1.17E-01	1.15E-02	3.83E+00	4.15E-01	6.76E-01	9.28E-02	2.16E-01	2.00E-02	0.00E+00	0.00E+00	2.28E-05	2.95E-06
6.72E-01	9.36E-02	1.33E+00	1.64E-01	4.36E-01	4.59E-02	9.64E-02	1.30E-02	4.26E+00	4.92E-01	7.12E-01	9.41E-02	1.87E-01	2.18E-02	0.00E+00	0.00E+00	2.22E-05	3.36E-06
6.93E-01	9.64E-02	1.37E+00	1.33E-01	3.88E-01	3.61E-02	1.16E-01	1.41E-02	4.64E+00	4.08E-01	7.44E-01	7.70E-02	2.02E-01	2.32E-02	0.00E+00	0.00E+00	2.00E-05	2.30E-06
7.87E-01	1.03E-01	1.41E+00	1.17E-01	4.20E-01	3.05E-02	1.23E-01	1.49E-02	4.97E+00	2.85E-01	7.79E-01	8.22E-02	2.16E-01	2.45E-02	0.00E+00	0.00E+00	1.99E-05	2.00E-06
1.07E+00	1.07E-01	1.52E+00	1.28E-01	5.37E-01	3.65E-02	1.38E-01	1.53E-02	5.40E+00	3.22E-01	9.10E-01	8.66E-02	2.16E-01	2.55E-02	0.00E+00	0.00E+00	2.01E-05	2.21E-06
1.07E+00	1.08E-01	1.65E+00	1.46E-01	4.86E-01	4.00E-02	1.46E-01	1.51E-02	5.48E+00	3.89E-01	9.75E-01	8.97E-02	2.52E-01	2.55E-02	0.00E+00	0.00E+00	3.20E-05	2.82E-06
1.03E+00	1.09E-01	1.50E+00	1.47E-01	4.25E-01	4.26E-02	1.57E-01	1.47E-02	5.09E+00	4.10E-01	8.34E-01	9.39E-02	2.60E-01	2.45E-02	0.00E+00	0.00E+00	3.24E-05	2.11E-06
1.13E+00	1.14E-01	1.63E+00	1.73E-01	5.90E-01	6.07E-02	1.53E-01	1.47E-02	4.52E+00	4.43E-01	9.97E-01	1.04E-01	2.33E-01	2.23E-02	0.00E+00	0.00E+00	1.91E-05	3.01E-06
1.18E+00	1.26E-01	1.95E+00	2.14E-01	6.96E-01	8.62E-02	1.35E-01	1.51E-02	4.47E+00	4.94E-01	1.13E+00	1.19E-01	1.83E-01	1.89E-02	0.00E+00	0.00E+00	1.94E-05	2.05E-06
1.16E+00	1.37E-01	2.10E+00	2.53E-01	6.74E-01	1.01E-01	1.07E-01	1.45E-02	5.99E+00	6.25E-01	1.21E+00	1.36E-01	1.49E-01	1.58E-02	0.00E+00	0.00E+00	2.23E-05	3.30E-06
1.27E+00	1.32E-01	1.99E+00	2.40E-01	7.56E-01	8.56E-02	1.33E-01	1.32E-02	6.81E+00	6.91E-01	1.21E+00	1.30E-01	2.00E-01	2.06E-02	0.00E+00	0.00E+00	2.24E-05	2.46E-06
1.15E+00	1.48E-01	2.01E+00	2.22E-01	4.82E-01	4.89E-02	1.14E-01	1.50E-02	6.72E+00	6.76E-01	1.16E+00	1.39E-01	1.92E-01	2.33E-02	0.00E+00	0.00E+00	2.50E-05	1.73E-06
1.23E+00	1.14E-01	1.99E+00	1.72E-01	5.18E-01	4.57E-02	1.19E-01	1.27E-02	6.18E+00	4.60E-01	1.20E+00	1.05E-01	1.74E-01	1.93E-02	0.00E+00	0.00E+00	2.01E-05	2.42E-06
1.41E+00	1.01E-01	2.26E+00	1.48E-01	5.29E-01	4.09E-02	1.36E-01	1.06E-02	7.01E+00	4.35E-01	1.36E+00	9.23E-02	1.94E-01	1.66E-02	0.00E+00	0.00E+00	2.55E-05	2.43E-06
1.21E+00	1.10E-01	1.99E+00	1.72E-01	4.99E-01	4.33E-02	1.14E-01	1.16E-02	6.08E+00	4.80E-01	1.18E+00	1.02E-01	1.62E-01	1.70E-02	0.00E+00	0.00E+00	1.92E-05	2.34E-06
1.03E+00	1.22E-01	1.88E+00	1.93E-01	4.55E-01	5.09E-02	9.74E-02	1.29E-02	9.40E+00	5.64E-01	1.15E+00	1.14E-01	1.40E-01	1.90E-02	0.00E+00	0.00E+00	2.30E-05	2.04E-06
1.14E+00	1.48E-01	2.29E+00	2.37E-01	4.33E-01	6.18E-02	1.17E-01	1.53E-02	1.14E+01	6.46E-01	1.40E+00	1.38E-01	1.69E-01	2.22E-02	0.00E+00	0.00E+00	2.32E-05	2.60E-06
1.14E+00	1.62E-01	1.81E+00	2.57E-01	5.33E-01	6.80E-02	1.24E-01	1.72E-02	7.33E+00	6.88E-01	1.09E+00	1.50E-01	1.74E-01	2.49E-02	0.00E+00	0.00E+00	1.72E-05	1.91E-06
1.15E+00	1.85E-01	1.81E+00	2.91E-01	5.65E-01	8.04E-02	1.29E-01	1.98E-02	4.95E+00	7.92E-01	1.06E+00	1.73E-01	1.79E-01	2.86E-02	0.00E+00	0.00E+00	1.85E-05	2.44E-06
9.92E-01	1.86E-01	1.59E+00	2.99E-01	4.42E-01	8.18E-02	1.06E-01	1.94E-02	4.49E+00	8.24E-01	9.42E-01	1.75E-01	1.57E-01	2.75E-02	0.00E+00	0.00E+00	1.59E-05	3.37E-06
1.02E+00	1.07E-01	1.59E+00	1.61E-01	4.73E-01	4.88E-02	1.14E-01	1.39E-02	4.50E+00	5.30E-01	9.54E-01	9.69E-02	1.90E-01	2.26E-02	0.00E+00	0.00E+00	2.36E-05	3.01E-06
1.27E+00	1.09E-01	1.99E+00	1.57E-01	5.98E-01	4.85E-02	1.41E-01	1.36E-02	5.21E+00	4.16E-01	1.19E+00	9.95E-02	2.00E-01	2.21E-02	0.00E+00	0.00E+00	2.29E-05	3.73E-06
1.26E+00	1.11E-01	1.96E+00	1.60E-01	5.76E-01	4.99E-02	1.38E-01	1.37E-02	5.22E+00	4.12E-01	1.18E+00	1.02E-01	1.99E-01	2.32E-02	0.00E+00	0.00E+00	1.76E-05	4.64E-06
1.10E+00	1.25E-01	1.72E+00	1.79E-01	5.08E-01	5.13E-02	1.23E-01	1.54E-02	4.93E+00	4.36E-01	1.04E+00	1.11E-01	2.02E-01	2.45E-02	0.00E+00	0.00E+00	1.97E-05	2.32E-06
1.02E+00	1.37E-01	1.57E+00	2.00E-01	5.45E-01	5.40E-02	1.18E-01	1.62E-02	4.54E+00	4.92E-01	9.44E-01	1.23E-01	1.94E-01	2.86E-02	0.00E+00	0.00E+00	2.48E-05	2.24E-06
9.26E-01	1.37E-01	1.57E+00	2.05E-01	6.37E-01	5.44E-02	1.11E-01	1.74E-02	5.02E+00	5.36E-01	8.92E-01	1.25E-01	2.07E-01	3.17E-02	0.00E+00	0.00E+00	2.14E-05	2.30E-06
9.14E-01	1.25E-01	1.41E+00	1.77E-01	5.78E-01	4.86E-02	1.30E-01	1.78E-02	4.93E+00	4.68E-01	8.38E-01	1.07E-01	2.47E-01	3.19E-02	0.00E+00	0.00E+00	2.85E-05	2.76E-06
1.05E+00	1.27E-01	1.34E+00	1.54E-01	4.62E-01	4.36E-02	1.76E-01	1.79E-02	4.35E+00	4.40E-01	8.53E-01	1.05E-01	3.29E-01	3.14E-02	0.00E+00	0.00E+00	3.25E-05	3.01E-06
1.23E+00	1.32E-01	1.40E+00	1.60E-01	4.17E-01	3.80E-02	1.91E-01	2.07E-02	4.12E+00	4.66E-01	9.51E-01	1.08E-01	3.35E-01	3.84E-02	0.00E+00	0.00E+00	3.64E-05	3.08E-06
1.37E+00	2.12E-01	2.06E+00	2.66E-01	7.41E-01	7.31E-02	1.71E-01	2.96E-02	4.79E+00	4.97E-01	1.23E+00	1.72E-01	2.87E-01	4.87E-02	0.00E+00	0.00E+00	2.19E-05	3.29E-06
1.48E+00	2.58E-01	2.63E+00	3.83E-01	8.38E-01	1.04E-01	1.89E-01	2.96E-02	8.12E+00	9.97E-01	1.47E+00	2.32E-01	3.37E-01	4.31E-02	0.00E+00	0.00E+00	2.05E-05	2.50E-06
1.63E+00	2.27E-01	2.42E+00	3.84E-01	7.94E-01	1.03E-01	2.28E-01	2.11E-02	7.59E+00	1.17E+00	1.34E+00	2.24E-01	3.80E-01	3.61E-02	0.00E+00	0.00E+00	2.72E-05	3.27E-06
1.54E+00	1.59E-01	2.01E+00	2.95E-01	6.43E-01	8.91E-02	1.91E-01	2.23E-02	6.66E+00	9.37E-01	1.32E+00	1.65E-01	3.31E-01	3.76E-02	0.00E+00	0.00E+00	2.97E-05	2.23E-06
2.42E+00	1.56E-01	3.72E+00	2.39E-01	9.41E-01	7.85E-02	2.53E-01	2.08E-02	1.10E+01	7.61E-01	2.32E+00	1.42E-01	3.91E-01	3.44E-02	0.00E+00	0.00E+00	2.33E-05	2.55E-06
2.18E+00	1.47E-01	3.79E+00	2.34E-01	1.11E+00	6.46E-02	2.52E-01	1.66E-02	1.18E+01	7.00E-01	2.21E+00	1.43E-01	3.68E-01	3.08E-02	0.00E+00	0.00E+00	2.12E-05	2.55E-06
1.64E+00	1.48E-01	2.06E+00	1.91E-01	7.13E-01	7.14E-02	2.27E-01	2.02E-02	5.80E+00	4.78E-01	1.33E+00	1.22E-01	3.61E-01	3.37E-02	0.00E+00	0.00E+00	2.50E-05	2.64E-06
1.16E+00	1.55E-01	1.75E+00	2.28E-01	8.05E-01	9.91E-02	1.82E-01	2.11E-02	5.86E+00	5.73E-01	8.79E-01	1.30E-01	3.29E-01	3.42E-02	0.00E+00	0.00E+00	3.00E-05	2.83E-06
1.30E+00	1.46E-01	2.05E+00	2.89E-01	8.28E-01	1.12E-01	1.45E-01	1.44E-02	6.99E+00	8.32E-01	1.22E+00	1.51E-01	2.86E-01	2.26E-02	0.00E+00	0.00E+00	2.50E-05	2.96E-06
1.53E+00	1.62E-01	2.41E+00	3.20E-01	8.47E-01	8.36E-02	1.88E-01	1.08E-02	7.98E+00	1.14E+00	1.41E+00	1.77E-01	2.89E-01	1.82E-02	0.00E+00	0.00E+00	2.03E-05	2.63E-06
1.17E+00	1.13E-01	2.20E+00	2.21E-01	6.42E-01	4.93E-02	1.66E-01	1.03E-02	9.14E+00	9.17E-01	1.26E+00	1.29E-01	2.73E-01	1.77E-02	0.00E+00	0.00E+00	1.75E-05	3.93E-06
1.35E+00	9.66E-02	2.01E+00	1.47E-01	7.07E-01	4.92E-02	1.72E-01	1.19E-02	5.08E+00	3.83E-01	1.19E+00	8.71E-02	2.47E-01	1.77E-02	0.00E+00	0.00E+00	2.48E-05	3.57E-06
1.77E+00	1.20E-01	2.90E+00	1.93E-01	8.38E-01	5.45E-02	1.81E-01	1.26E-02	8.10E+00	5.33E-01	1.69E+00	1.15E-01	2.52E-01	1.80E-02	0.00E+00	0.00E+00	2.33E-05	4.35E-06
1.67E+00	1.25E-01	2.73E+00	1.95E-01	6.95E-01	5.02E-02	1.60E-01	1.32E-02	8.24E+00	5.50E-01	1.61E+00	1.18E-01	2.77E-01	1.94E-02	0.00E+00	0.00E+00	2.12E-05	4.39E-06
1.28E+00	1.09E-01	1.85E+00	1.64E-01	5.31E-01	4.29E-02	1.57E-01	1.21E-02	5.03E+00	4.45E-01	1.13E+00	1.00E-01	2.42E-01	1.80E-02	0.00E+00	0.00E+00	1.75E-05	6.03E-06
1.41E+00	1.22E-01	2.19E+00	1.69E-01	6.12E-01	4.82E-02	1.52E-01	1.54E-02	5.97E+00	4.26E-01	1.30E+00	1.06E-01	2.24E-01	2.42E-02	0.00E+00	0.00E+00	1.28E-05	2.31E-06
1.20E+00	1.41E-01	1.71E+00	2.01E-01	4.94E-01	5.62E-02	1.76E-01	1.73E-02	4.88E+00	4.81E-01	1.03E+00	1.25E-01	2.85E-01	2.69E-02	0.00E+00	0.00E+00	1.42E-05	2.45E-06
1.50E+00	1.50E-01	2.36E+00	2.16E-01	7.65E-01	6.86E-02	1.74E-01	1.92E-02	5.60E+00	5.00E-01	1.36E+00	1.32E-01	2.42E-01	2.93E-02	0.00E+00	0.00E+00	1.52E-05	2.78E-06
1.39E+00	1.65E-01	2.25E+00	2.65E-01	6.28E-01	7.28E-02	1.46E-01	1.71E-02	7.18E+00	7.40E-01	1.31E+00	1.57E-01	2.06E-01	2.44E-02	0.00E+00	0.00E+00	1.84E-05	2.85E-06
8.55E-01	1.19E-01	1.33E+00	1.89E-01	4.98E-01	4.37E-02	1.26E-01	1.21E-02	4.57E+00	5.82E-01	7.80E-01	1.15E-01	2.01E-01	1.90E-02	0.00E+00	0.00E+00	3.44E-05	3.09E-06
7.64E-01	9.05E-02	1.23E+00	1.26E-01	4.57E-01	3.65E-02	9.13E-02	1.19E-02	3.34E+00	3.22E-01	7.03E-01	7.68E-02	1.82E-01	2.04E-02	0.00E+00	0.00E+00	3.54E-05	3.41E-06
6.51E-01	9.25E-02	1.10E+00	1.30E-01	4.18E-01	3.96E-02	1.14E-01	1.14E-02	3.38E+00	3.09E-01	6.00E-01	8.15E-02	2.32E-01	1.93E-02	0.00E+00	0.00E+00	6.39E-05	4.47E-06
7.23E-01	1.01E-01	1.28E+00	1.68E-01	3.95E-01	4.97E-02	1.26E-01	1.27E-02	4.16E+00	4.72E-01	6.87E-01	9.89E-02	2.32E-01	2.20E-02	0.00E+00	0.00E+00	1.95E-05	2.99E-06
7.41E-01	9.47E-02	1.45E+00	1.67E-01	3.82E-01	4.60E-02	9.92E-02	1.42E-02	5.04E+00	5.11E-01	7.96E-01	9.49E-02	1.73E-01	2.36E-02	0.00E+00	0.00E+00	1.96E-05	3.08E-06
7.78E-01	1.03E-01	1.52E+00	1.28E-01	3.78E-01	3.46E-02	1.30E-01	1.51E-02	5.36E+00	3.88E-01	8.38E-01	8.17E-02	2.27E-01	2.48E-02	0.00E+00	0.00E+00	3.17E-05	2.64E-06
9.26E-01	1.09E-01	1.55E+00	1.23E-01	5.11E-01	3.45E-02	1.32E-01	1.58E-02	5.40E+00	2.90E-01	8.58E-01	8.66E-02	2.20E-01	2.63E-02	0.00E+00	0.00E+00	3.48E-05	2.65E-06
1.16E+00	1.14E-01	1.66E+00	1.47E-01	5.76E-01	4.16E-02	1.44E-01	1.64E-02	5.41E+00	3.79E-01	1.01E+00	9.13E-02	2.50E-01	2.77E-02	0.00E+00	0.00E+00	2.27E-05	2.39E-06
1.00E+00	1.14E-01	1.59E+00	1.58E-01	4.67E-01	4.24E-02	1.63E-01	1.61E-02	4.73E+00	4.34E-01	9.30E-01	9.56E-02	2.79E-01	2.77E-02	0.00E+00	0.00E+00	3.21E-05	2.66E-06
1.08E+00	1.13E-01	1.35E+00	1.59E-01	4.42E-01	4.41E-02	1.66E-01	1.56E-02	4.01E+00	4.19E-01	8.51E-01	9.96E-02	2.71E-01	2.62E-02	0.00E+00	0.00E+00	3.26E-05	3.75E-06
1.13E+00	1.22E-01	1.64E+00	1.83E-01	6.11E-01	6.62E-02	1.54E-01	1.54E-02	3.44E+00	4.87E-01	9.86E-01	1.14E-01	2.29E-01	2.29E-02	0.00E+00	0.00E+00	2.22E-05	2.91E-06
1.16E+00	1.28E-01	1.96E+00	2.23E-01	7.12E-01	9.49E-02	1.32E-01	1.56E-02	4.58E+00	5.05E-01	1.12E+00	1.21E-01	1.69E-01	1.90E-02	0.00E+00	0.00E+00	1.92E-05	4.51E-06
1.17E+00	1.42E-01	2.15E+00	2.66E-01	7.93E-01	1.10E-01	1.22E-01	1.49E-02	6.40E+00	6.58E-01	1.22E+00	1.41E-01	1.71E-01	1.87E-02	0.00E+00	0.00E+00	2.64E-05	4.46E-06
1.32E+00	1.59E-01	2.20E+00	2.46E-01	7.90E-01	8.66E-02	1.38E-01	1.63E-02	7.53E+00	7.26E-01	1.27E+00	1.48E-01	2.10E-01	2.51E-02	0.00E+00	0.00E+00	2.38E-05	5.38E-06
1.15E+00	1.50E-01	2.00E+00	2.30E-01	5.21E-01	5.40E-02	1.20E-01	1.55E-02	7.33E+00	6.75E-01	1.14E+00	1.41E-01	2.03E-01	2.37E-02	0.00E+00	0.00E+00	2.58E-05	4.87E-06
1.54E+00	1.09E-01	2.43E+00	1.60E-01	6.10E-01	4.84E-02	1.49E-01	1.15E-02	7.55E+00	4.83E-01	1.47E+00	1.00E-01	2.14E-01	1.80E-02	0.00E+00	0.00E+00	1.93E-05	5.98E-06
1.45E+00	1.20E-01	2.36E+00	1.87E-01	5.76E-01	4.66E-02	1.36E-01	1.26E-02	7.33E+00	5.23E-01	1.41E+00	1.11E-01	1.90E-01	1.86E-02	0.00E+00	0.00E+00	1.68E-05	6.33E-06
1.15E+00	1.28E-01	1.90E+00	2.00E-01	5.14E-01	5.30E-02	1.14E-01	1.37E-02	5.61E+00	5.51E-01	1.08E+00	1.19E-01	1.54E-01	2.04E-02	0.00E+00	0.00E+00	1.24E-05	3.09E-06
1.20E+00	1.58E-01	1.84E+00	2.52E-01	4.68E-01	6.59E-02	1.28E-01	1.64E-02	8.65E+00	6.84E-01	1.09E+00	1.47E-01	1.84E-01	2.39E-02	0.00E+00	0.00E+00	1.31E-05	2.96E-06
1.19E+00	1.77E-01	1.90E+00	2.81E-01	5.60E-01	7.39E-02	1.32E-01	1.86E-02	8.83E+00	7.55E-01	1.15E+00	1.64E-01	1.86E-01	2.70E-02	0.00E+00	0.00E+00	1.35E-05	2.76E-06
1.25E+00	1.98E-01	1.98E+00	3.10E-01	6.11E-01	8.48E-02	1.40E-01	2.12E-02	5.18E+00	8.43E-01	1.16E+00	1.84E-01	1.94E-01	3.08E-02	0.00E+00	0.00E+00	1.72E-05	3.36E-06
1.09E+00	2.04E-01	1.76E+00	3.26E-01	4.74E-01	8.87E-02	1.15E-01	2.11E-02	5.12E+00	9.05E-01	1.04E+00	1.91E-01	1.68E-01	2.99E-02	0.00E+00	0.00E+00	1.52E-05	3.72E-06
8.44E-01	1.73E-01	1.34E+00	2.80E-01	3.70E-01	7.53E-02	9.25E-02	1.77E-02	3.92E+00	7.82E-01	7.94E-01	1.63E-01	1.98E-01	2.58E-02	0.00E+00	0.00E+00	2.93E-05	3.30E-06
8.67E-01	1.11E-01	1.57E+00	1.73E-01	4.67E-01	5.02E-02	9.04E-02	1.53E-02	5.03E+00	5.50E-01	8.92E-01	1.01E-01	1.84E-01	2.67E-02	0.00E+00	0.00E+00	3.95E-05	3.71E-06
9.12E-01	1.11E-01	1.39E+00	1.64E-01	4.76E-01	4.99E-02	1.07E-01	1.45E-02	4.53E+00	5.40E-01	8.41E-01	1.00E-01	1.74E-01	2.39E-02	0.00E+00	0.00E+00	5.55E-05	3.94E-06
1.09E+00	1.16E-01	1.72E+00	1.67E-01	5.63E-01	5.17E-02	1.24E-01	1.46E-02	5.30E+00	4.46E-01	1.03E+00	1.06E-01	1.79E-01	2.35E-02	0.00E+00	0.00E+00	2.23E-05	2.23E-06
1.11E+00	1.19E-01	1.72E+00	1.73E-01	6.37E-01	5.39E-02	1.23E-01	1.47E-02	4.99E+00	4.44E-01	1.04E+00	1.09E-01	2.14E-01	2.49E-02	0.00E+00	0.00E+00	2.59E-05	3.00E-06
1.06E+00	1.31E-01	1.60E+00	1.83E-01	5.27E-01	5.14E-02	1.26E-01	1.64E-02	4.89E+00	4.28E-01	9.70E-01	1.14E-01	1.99E-01	2.65E-02	0.00E+00	0.00E+00	5.01E-05	3.30E-06
9.81E-01	1.38E-01	1.51E+00	1.97E-01	5.31E-01	5.23E-02	1.25E-01	1.66E-02	4.29E+00	4.77E-01	9.11E-01	1.22E-01	2.18E-01	2.90E-02	0.00E+00	0.00E+00	2.80E-05	2.30E-06
9.43E-01	1.36E-01	1.58E+00	2.02E-01	5.69E-01	5.32E-02	1.25E-01	1.85E-02	4.73E+00	5.29E-01	9.01E-01	1.23E-01	2.12E-01	3.38E-02	0.00E+00	0.00E+00	4.00E-05	3.31E-06
9.43E-01	1.32E-01	1.41E+00	1.74E-01	5.08E-01	4.85E-02	1.33E-01	1.87E-02	4.84E+00	4.63E-01	8.42E-01	1.06E-01	2.58E-01	3.35E-02	0.00E+00	0.00E+00	3.01E-05	3.23E-06
1.15E+00	1.33E-01	1.26E+00	1.58E-01	4.42E-01	4.28E-02	1.88E-01	1.85E-02	4.21E+00	4.56E-01	8.28E-01	1.09E-01	3.42E-01	3.26E-02	0.00E+00	0.00E+00	2.37E-05	6.19E-06
1.48E+00	1.76E-01	1.92E+00	2.02E-01	6.33E-01	5.34E-02	2.11E-01	2.65E-02	4.54E+00	5.28E-01	1.22E+00	1.37E-01	3.53E-01	4.66E-02	0.00E+00	0.00E+00	2.92E-05	6.33E-06
1.58E+00	2.53E-01	2.61E+00	3.45E-01	8.84E-01	9.58E-02	1.69E-01	3.26E-02	7.07E+00	7.64E-01	1.50E+00	2.15E-01	3.00E-01	5.07E-02	0.00E+00	0.00E+00	2.87E-05	5.45E-06
1.44E+00	2.57E-01	2.52E+00	4.02E-01	7.56E-01	1.07E-01	2.12E-01	2.69E-02	8.11E+00	1.14E+00	1.40E+00	2.40E-01	3.64E-01	3.77E-02	0.00E+00	0.00E+00	3.04E-05	7.03E-06
1.49E+00	1.94E-01	2.20E+00	3.42E-01	6.97E-01	9.57E-02	1.97E-01	2.29E-02	7.08E+00	1.07E+00	1.26E+00	1.96E-01	3.18E-01	3.96E-02	0.00E+00	0.00E+00	2.14E-05	5.96E-06
2.22E+00	1.66E-01	3.20E+00	2.64E-01	7.58E-01	8.45E-02	2.48E-01	2.34E-02	8.93E+00	8.33E-01	2.04E+00	1.44E-01	4.01E-01	3.93E-02	0.00E+00	0.00E+00	1.58E-05	4.56E-06
2.41E+00	1.57E-01	4.03E+00	2.47E-01	1.14E+00	6.73E-02	2.30E-01	1.79E-02	1.23E+01	7.30E-01	2.39E+00	1.52E-01	3.59E-01	2.97E-02	0.00E+00	0.00E+00	1.55E-05	4.19E-06
1.62E+00	1.40E-01	2.34E+00	1.90E-01	7.31E-01	6.68E-02	2.21E-01	1.92E-02	7.30E+00	4.68E-01	1.33E+00	1.14E-01	3.50E-01	3.26E-02	0.00E+00	0.00E+00	1.34E-05	3.00E-06
1.38E+00	1.61E-01	1.66E+00	2.23E-01	8.26E-01	9.88E-02	2.11E-01	2.23E-02	5.99E+00	5.43E-01	1.05E+00	1.32E-01	3.61E-01	3.69E-02	0.00E+00	0.00E+00	1.62E-05	3.56E-06
1.15E+00	1.48E-01	1.95E+00	2.93E-01	8.54E-01	1.21E-01	1.48E-01	1.69E-02	7.13E+00	8.06E-01	1.10E+00	1.52E-01	2.79E-01	2.57E-02	0.00E+00	0.00E+00	1.94E-05	3.50E-06
1.49E+00	1.65E-01	2.46E+00	3.26E-01	8.86E-01	9.03E-02	1.76E-01	1.12E-02	7.74E+00	1.14E+00	1.44E+00	1.79E-01	3.23E-01	2.02E-02	0.00E+00	0.00E+00	2.22E-05	2.97E-06
1.26E+00	1.21E-01	2.24E+00	2.36E-01	6.60E-01	5.15E-02	1.71E-01	1.07E-02	9.25E+00	9.79E-01	1.27E+00	1.38E-01	2.75E-01	1.84E-02	0.00E+00	0.00E+00	2.33E-05	3.74E-06
1.33E+00	9.99E-02	1.98E+00	1.52E-01	6.91E-01	5.09E-02	1.70E-01	1.23E-02	5.23E+00	4.06E-01	1.17E+00	9.00E-02	2.45E-01	1.82E-02	0.00E+00	0.00E+00	2.09E-05	4.32E-06

Scenario 4 Results

1.74E+00	1.22E-01	2.83E+00	1.95E-01	8.12E-01	5.45E-02	1.80E-01	1.28E-02	7.85E+00	5.35E-01	1.65E+00	1.16E-01	2.50E-01	1.84E-02	0.00E+00	0.00E+00	1.67E-05	4.23E-06
1.65E+00	1.26E-01	2.67E+00	1.93E-01	6.85E-01	5.00E-02	1.61E-01	1.36E-02	7.95E+00	5.37E-01	1.58E+00	1.17E-01	2.79E-01	2.02E-02	0.00E+00	0.00E+00	1.85E-05	4.28E-06
1.39E+00	1.14E-01	2.01E+00	1.71E-01	5.80E-01	4.62E-02	1.70E-01	1.28E-02	5.35E+00	4.57E-01	1.23E+00	1.04E-01	2.60E-01	1.91E-02	0.00E+00	0.00E+00	4.54E-05	4.35E-06
1.44E+00	1.28E-01	2.25E+00	1.78E-01	6.24E-01	5.07E-02	1.56E-01	1.61E-02	6.20E+00	4.48E-01	1.34E+00	1.11E-01	2.30E-01	2.53E-02	0.00E+00	0.00E+00	3.38E-05	2.67E-06
1.29E+00	1.46E-01	1.76E+00	2.07E-01	5.32E-01	5.78E-02	1.87E-01	1.80E-02	4.88E+00	4.94E-01	1.06E+00	1.28E-01	3.01E-01	2.79E-02	0.00E+00	0.00E+00	6.75E-05	4.00E-06
1.48E+00	1.57E-01	2.37E+00	2.28E-01	7.58E-01	7.16E-02	1.67E-01	1.97E-02	5.82E+00	5.11E-01	1.36E+00	1.38E-01	2.36E-01	2.98E-02	0.00E+00	0.00E+00	3.88E-05	2.48E-06
1.39E+00	1.67E-01	2.24E+00	2.68E-01	6.10E-01	7.17E-02	1.44E-01	1.70E-02	7.08E+00	7.62E-01	1.31E+00	1.59E-01	2.24E-01	2.44E-02	0.00E+00	0.00E+00	4.65E-05	4.84E-06
8.98E-01	1.15E-01	1.25E+00	1.79E-01	4.49E-01	4.38E-02	1.26E-01	1.24E-02	4.06E+00	5.49E-01	7.62E-01	1.10E-01	2.15E-01	2.05E-02	0.00E+00	0.00E+00	2.82E-05	7.38E-06
7.63E-01	9.81E-02	1.28E+00	1.32E-01	4.60E-01	3.74E-02	1.13E-01	1.27E-02	3.65E+00	3.42E-01	7.24E-01	8.33E-02	2.27E-01	2.15E-02	0.00E+00	0.00E+00	3.82E-05	9.35E-06
7.01E-01	9.46E-02	1.15E+00	1.45E-01	3.68E-01	4.55E-02	1.30E-01	1.23E-02	3.63E+00	3.53E-01	6.33E-01	9.00E-02	2.34E-01	2.18E-02	0.00E+00	0.00E+00	4.02E-05	1.01E-05
7.20E-01	1.04E-01	1.38E+00	1.79E-01	3.72E-01	5.17E-02	1.25E-01	1.37E-02	4.66E+00	5.20E-01	7.54E-01	1.03E-01	2.32E-01	2.34E-02	0.00E+00	0.00E+00	3.66E-05	7.62E-06
8.25E-01	1.02E-01	1.59E+00	1.66E-01	4.01E-01	4.52E-02	1.20E-01	1.51E-02	5.47E+00	5.11E-01	8.77E-01	9.34E-02	2.08E-01	2.50E-02	0.00E+00	0.00E+00	2.20E-05	5.03E-06
8.28E-01	1.10E-01	1.58E+00	1.23E-01	4.07E-01	3.27E-02	1.34E-01	1.59E-02	5.25E+00	3.62E-01	8.68E-01	8.69E-02	2.34E-01	2.63E-02	0.00E+00	0.00E+00	1.97E-05	4.06E-06
1.06E+00	1.17E-01	1.54E+00	1.39E-01	5.93E-01	4.02E-02	1.46E-01	1.69E-02	4.84E+00	3.44E-01	8.73E-01	9.24E-02	2.38E-01	2.83E-02	0.00E+00	0.00E+00	2.09E-05	3.97E-06
1.15E+00	1.20E-01	1.70E+00	1.63E-01	5.51E-01	4.54E-02	1.61E-01	1.74E-02	4.74E+00	4.32E-01	1.02E+00	9.68E-02	2.80E-01	2.98E-02	0.00E+00	0.00E+00	2.29E-05	3.96E-06
1.05E+00	1.20E-01	1.45E+00	1.66E-01	4.19E-01	4.32E-02	1.74E-01	1.72E-02	4.17E+00	4.72E-01	8.75E-01	1.02E-01	2.95E-01	2.99E-02	0.00E+00	0.00E+00	1.22E-05	1.62E-06
1.08E+00	1.25E-01	1.31E+00	1.84E-01	4.62E-01	4.92E-02	1.66E-01	1.61E-02	3.40E+00	4.76E-01	8.45E-01	1.15E-01	2.68E-01	2.72E-02	0.00E+00	0.00E+00	1.33E-05	1.89E-06
1.08E+00	1.29E-01	1.60E+00	1.94E-01	6.28E-01	7.09E-02	1.47E-01	1.55E-02	3.06E+00	5.21E-01	9.39E-01	1.20E-01	2.10E-01	2.22E-02	0.00E+00	0.00E+00	1.52E-05	2.51E-06
1.10E+00	1.27E-01	1.90E+00	2.24E-01	7.16E-01	1.02E-01	1.22E-01	1.56E-02	4.51E+00	5.14E-01	1.07E+00	1.19E-01	1.54E-01	1.84E-02	0.00E+00	0.00E+00	1.94E-05	3.16E-06
1.37E+00	1.43E-01	2.11E+00	2.67E-01	9.27E-01	1.14E-01	1.47E-01	1.61E-02	6.52E+00	6.62E-01	1.26E+00	1.40E-01	2.06E-01	2.45E-02	0.00E+00	0.00E+00	2.67E-05	3.29E-06
1.39E+00	1.73E-01	2.46E+00	2.64E-01	8.30E-01	8.58E-02	1.30E-01	1.78E-02	7.95E+00	7.88E-01	1.40E+00	1.62E-01	2.08E-01	2.69E-02	0.00E+00	0.00E+00	3.02E-05	3.74E-06
1.32E+00	1.40E-01	2.02E+00	2.22E-01	5.28E-01	5.60E-02	1.37E-01	1.42E-02	7.86E+00	6.53E-01	1.24E+00	1.34E-01	2.03E-01	2.12E-02	0.00E+00	0.00E+00	2.56E-05	5.26E-06
1.71E+00	1.28E-01	2.76E+00	1.98E-01	6.57E-01	4.99E-02	1.61E-01	1.35E-02	8.57E+00	5.67E-01	1.65E+00	1.19E-01	2.28E-01	2.05E-02	0.00E+00	0.00E+00	1.70E-05	5.44E-06
1.34E+00	1.42E-01	2.13E+00	2.23E-01	5.89E-01	5.67E-02	1.40E-01	1.50E-02	5.94E+00	6.20E-01	1.25E+00	1.32E-01	1.94E-01	2.27E-02	0.00E+00	0.00E+00	2.33E-05	6.64E-06
1.34E+00	1.74E-01	2.05E+00	2.77E-01	5.31E-01	7.28E-02	1.46E-01	1.82E-02	6.23E+00	7.46E-01	1.21E+00	1.62E-01	2.11E-01	2.67E-02	0.00E+00	0.00E+00	3.91E-05	5.11E-06
1.27E+00	1.94E-01	2.01E+00	3.08E-01	5.68E-01	8.07E-02	1.38E-01	2.03E-02	7.15E+00	8.29E-01	1.21E+00	1.80E-01	1.97E-01	2.94E-02	0.00E+00	0.00E+00	5.38E-05	4.10E-06
1.35E+00	2.11E-01	2.15E+00	3.30E-01	6.48E-01	8.93E-02	1.49E-01	2.26E-02	5.57E+00	8.96E-01	1.26E+00	1.96E-01	2.09E-01	3.31E-02	0.00E+00	0.00E+00	5.54E-05	3.95E-06
1.23E+00	2.23E-01	2.01E+00	3.57E-01	5.32E-01	9.61E-02	1.25E-01	2.31E-02	5.93E+00	9.93E-01	1.18E+00	2.10E-01	1.83E-01	3.28E-02	0.00E+00	0.00E+00	3.71E-05	6.70E-06
9.37E-01	1.90E-01	1.46E+00	3.08E-01	5.30E-01	8.21E-02	1.05E-01	1.93E-02	4.49E+00	8.64E-01	8.63E-01	1.79E-01	2.11E-01	2.70E-02	0.00E+00	0.00E+00	6.89E-05	1.52E-05
7.33E-01	1.63E-01	1.14E+00	2.48E-01	3.85E-01	6.59E-02	9.02E-02	1.82E-02	3.24E+00	6.59E-01	6.80E-01	1.47E-01	2.46E-01	2.72E-02	0.00E+00	0.00E+00	5.94E-05	1.19E-05
1.01E+00	1.18E-01	1.76E+00	2.04E-01	5.40E-01	6.36E-02	9.56E-02	1.53E-02	5.00E+00	5.99E-01	9.87E-01	1.14E-01	1.73E-01	2.80E-02	0.00E+00	0.00E+00	3.75E-05	8.11E-06
8.69E-01	1.14E-01	1.59E+00	1.77E-01	4.87E-01	5.15E-02	9.72E-02	1.60E-02	5.13E+00	5.54E-01	8.99E-01	1.04E-01	1.65E-01	2.83E-02	0.00E+00	0.00E+00	3.04E-05	6.62E-06
1.15E+00	1.17E-01	1.88E+00	1.69E-01	5.10E-01	5.18E-02	1.10E-01	1.55E-02	5.70E+00	5.63E-01	1.13E+00	1.05E-01	1.80E-01	2.57E-02	0.00E+00	0.00E+00	2.73E-05	4.42E-06
1.48E+00	1.22E-01	2.41E+00	1.74E-01	6.60E-01	5.36E-02	1.45E-01	1.54E-02	7.19E+00	4.67E-01	1.44E+00	1.10E-01	2.04E-01	2.48E-02	0.00E+00	0.00E+00	2.56E-05	4.04E-06
1.30E+00	1.20E-01	2.05E+00	1.72E-01	6.61E-01	5.32E-02	1.35E-01	1.53E-02	5.92E+00	4.30E-01	1.24E+00	1.09E-01	2.10E-01	2.61E-02	0.00E+00	0.00E+00	2.15E-05	3.72E-06
1.07E+00	1.33E-01	1.58E+00	1.81E-01	5.24E-01	5.03E-02	1.26E-01	1.70E-02	4.62E+00	4.12E-01	9.62E-01	1.14E-01	2.15E-01	2.78E-02	0.00E+00	0.00E+00	1.69E-05	3.17E-06
1.00E+00	1.41E-01	1.48E+00	1.99E-01	4.81E-01	5.17E-02	1.50E-01	1.71E-02	4.22E+00	4.84E-01	8.92E-01	1.24E-01	2.63E-01	3.14E-02	0.00E+00	0.00E+00	1.20E-05	2.66E-06
9.98E-01	1.33E-01	1.58E+00	1.96E-01	4.96E-01	5.15E-02	1.43E-01	1.97E-02	4.79E+00	5.17E-01	9.05E-01	1.20E-01	2.45E-01	3.60E-02	0.00E+00	0.00E+00	1.34E-05	2.75E-06
1.04E+00	1.45E-01	1.50E+00	1.80E-01	5.13E-01	5.15E-02	1.58E-01	2.05E-02	5.33E+00	4.80E-01	8.93E-01	1.17E-01	3.05E-01	3.64E-02	0.00E+00	0.00E+00	1.51E-05	2.71E-06
1.44E+00	1.58E-01	1.60E+00	1.94E-01	5.22E-01	5.19E-02	2.26E-01	2.16E-02	5.67E+00	5.79E-01	1.09E+00	1.30E-01	3.89E-01	3.84E-02	0.00E+00	0.00E+00	1.65E-05	2.63E-06
1.60E+00	2.17E-01	2.29E+00	2.67E-01	7.80E-01	7.27E-02	2.07E-01	3.10E-02	5.40E+00	5.08E-01	1.39E+00	1.75E-01	3.35E-01	5.20E-02	0.00E+00	0.00E+00	1.79E-05	2.73E-06
1.48E+00	2.61E-01	2.50E+00	3.76E-01	7.83E-01	1.02E-01	1.74E-01	3.11E-02	7.48E+00	9.42E-01	1.42E+00	2.31E-01	3.07E-01	4.64E-02	0.00E+00	0.00E+00	2.00E-05	3.06E-06
1.54E+00	2.35E-01	2.37E+00	3.89E-01	7.34E-01	1.05E-01	2.14E-01	2.32E-02	7.35E+00	1.17E+00	1.31E+00	2.28E-01	3.52E-01	4.11E-02	0.00E+00	0.00E+00	2.30E-05	3.76E-06
1.96E+00	1.80E-01	2.69E+00	3.26E-01	7.01E-01	9.93E-02	2.31E-01	2.60E-02	7.21E+00	1.03E+00	1.74E+00	1.82E-01	3.82E-01	4.38E-02	0.00E+00	0.00E+00	2.12E-05	4.49E-06
2.64E+00	1.75E-01	4.26E+00	2.80E-01	1.15E+00	8.26E-02	2.62E-01	2.23E-02	1.28E+01	8.30E-01	2.57E+00	1.67E-01	4.16E-01	3.66E-02	0.00E+00	0.00E+00	1.90E-05	4.30E-06
1.86E+00	1.38E-01	3.06E+00	2.11E-01	9.22E-01	6.94E-02	2.44E-01	1.87E-02	9.56E+00	5.91E-01	1.75E+00	1.26E-01	3.79E-01	3.18E-02	0.00E+00	0.00E+00	2.55E-05	5.55E-06
1.59E+00	1.66E-01	1.80E+00	2.23E-01	8.58E-01	9.78E-02	2.35E-01	2.33E-02	6.12E+00	5.31E-01	1.23E+00	1.35E-01	3.97E-01	3.92E-02	0.00E+00	0.00E+00	1.39E-05	2.06E-06
1.14E+00	1.51E-01	2.03E+00	2.93E-01	8.56E-01	1.29E-01	1.77E-01	1.98E-02	7.07E+00	7.58E-01	1.10E+00	1.50E-01	3.23E-01	3.11E-02	0.00E+00	0.00E+00	7.63E-05	1.01E-05
1.49E+00	1.69E-01	2.51E+00	3.34E-01	9.49E-01	1.01E-01	1.72E-01	1.19E-02	7.70E+00	1.12E+00	1.47E+00	1.82E-01	3.41E-01	2.27E-02	0.00E+00	0.00E+00	4.55E-05	7.41E-06
1.39E+00	1.35E-01	2.38E+00	2.64E-01	6.96E-01	5.52E-02	1.79E-01	1.11E-02	9.68E+00	1.09E+00	1.34E+00	1.54E-01	2.78E-01	1.92E-02	0.00E+00	0.00E+00	6.26E-05	8.49E-06
1.35E+00	1.05E-01	1.99E+00	1.58E-01	6.77E-01	5.32E-02	1.71E-01	1.30E-02	5.54E+00	4.84E-01	1.21E+00	9.39E-02	2.48E-01	1.92E-02	0.00E+00	0.00E+00	4.31E-05	8.76E-06
1.74E+00	1.25E-01	2.79E+00	1.98E-01	8.04E-01	5.55E-02	1.83E-01	1.32E-02	7.63E+00	5.43E-01	1.63E+00	1.18E-01	2.54E-01	1.91E-02	0.00E+00	0.00E+00	3.49E-05	6.04E-06
1.67E+00	1.30E-01	2.69E+00	1.97E-01	6.99E-01	5.12E-02	1.67E-01	1.42E-02	7.86E+00	5.39E-01	1.59E+00	1.20E-01	2.87E-01	2.12E-02	0.00E+00	0.00E+00	2.74E-05	4.07E-06
1.47E+00	1.16E-01	2.12E+00	1.71E-01	6.12E-01	4.80E-02	1.80E-01	1.32E-02	5.33E+00	4.46E-01	1.30E+00	1.04E-01	2.74E-01	1.98E-02	0.00E+00	0.00E+00	2.45E-05	2.76E-06
1.47E+00	1.34E-01	2.31E+00	1.87E-01	6.37E-01	5.35E-02	1.62E-01	1.70E-02	6.44E+00	4.72E-01	1.37E+00	1.17E-01	2.36E-01	2.66E-02	0.00E+00	0.00E+00	2.20E-05	2.30E-06
1.34E+00	1.48E-01	1.76E+00	2.09E-01	5.61E-01	5.80E-02	1.91E-01	1.82E-02	4.77E+00	4.95E-01	1.10E+00	1.29E-01	3.06E-01	2.84E-02	0.00E+00	0.00E+00	2.01E-05	2.08E-06
1.44E+00	1.62E-01	2.36E+00	2.39E-01	7.39E-01	7.37E-02	1.62E-01	1.99E-02	6.05E+00	5.52E-01	1.34E+00	1.44E-01	2.40E-01	2.99E-02	0.00E+00	0.00E+00	1.81E-05	1.91E-06
1.30E+00	1.60E-01	2.08E+00	2.55E-01	5.50E-01	6.62E-02	1.37E-01	1.62E-02	6.54E+00	7.37E-01	1.22E+00	1.52E-01	2.32E-01	2.37E-02	0.00E+00	0.00E+00	1.37E-05	3.47E-06
8.86E-01	1.04E-01	1.27E+00	1.57E-01	4.53E-01	4.41E-02	1.17E-01	1.29E-02	3.97E+00	4.73E-01	7.73E-01	9.77E-02	2.17E-01	2.15E-02	0.00E+00	0.00E+00	1.45E-05	3.75E-06
7.16E-01	1.00E-01	1.26E+00	1.35E-01	4.32E-01	3.63E-02	1.27E-01	1.29E-02	3.79E+00	3.47E-01	6.98E-01	8.52E-02	2.57E-01	2.17E-02	0.00E+00	0.00E+00	1.54E-05	4.08E-06
7.52E-01	1.02E-01	1.23E+00	1.64E-01	3.76E-01	5.12E-02	1.44E-01	1.34E-02	3.81E+00	4.21E-01	6.64E-01	9.83E-02	2.59E-01	2.36E-02	0.00E+00	0.00E+00	1.52E-05	4.22E-06
7.40E-01	1.05E-01	1.40E+00	1.86E-01	4.03E-01	5.28E-02	1.13E-01	1.44E-02	4.39E+00	5.57E-01	7.61E-01	1.06E-01	2.14E-01	2.44E-02	0.00E+00	0.00E+00	1.52E-05	4.52E-06
8.00E-01	1.07E-01	1.49E+00	1.59E-01	4.29E-01	4.30E-02	1.32E-01	1.57E-02	4.57E+00	4.87E-01	8.15E-01	8.89E-02	2.29E-01	2.58E-02	0.00E+00	0.00E+00	2.01E-05	5.01E-06
8.41E-01	1.18E-01	1.43E+00	1.35E-01	4.73E-01	3.67E-02	1.29E-01	1.69E-02	4.10E+00	3.37E-01	7.82E-01	9.36E-02	2.28E-01	2.79E-02	0.00E+00	0.00E+00	2.27E-05	5.68E-06
1.12E+00	1.24E-01	1.50E+00	1.57E-01	6.13E-01	4.50E-02	1.49E-01	1.78E-02	3.72E+00	3.96E-01	9.42E-01	9.76E-02	2.55E-01	3.02E-02	0.00E+00	0.00E+00	1.98E-05	5.86E-06
1.08E+00	1.27E-01	1.64E+00	1.74E-01	4.87E-01	4.75E-02	1.72E-01	1.84E-02	4.47E+00	4.78E-01	9.76E-01	1.05E-01	2.98E-01	3.21E-02	0.00E+00	0.00E+00	1.66E-05	4.72E-06
1.07E+00	1.25E-01	1.43E+00	1.78E-01	3.56E-01	4.83E-02	1.74E-01	1.79E-02	4.36E+00	4.81E-01	9.10E-01	1.11E-01	2.93E-01	3.15E-02	0.00E+00	0.00E+00	2.09E-05	3.77E-06
1.02E+00	1.38E-01	1.30E+00	2.04E-01	4.86E-01	5.40E-02	1.56E-01	1.60E-02	3.51E+00	5.33E-01	8.10E-01	1.27E-01	2.45E-01	2.68E-02	0.00E+00	0.00E+00	2.64E-04	2.99E-05
9.78E-01	1.34E-01	1.52E+00	2.03E-01	6.40E-01	7.67E-02	1.33E-01	1.51E-02	3.49E+00	5.53E-01	8.61E-01	1.25E-01	1.79E-01	2.23E-02	0.00E+00	0.00E+00	2.14E-04	2.19E-05
1.15E+00	1.22E-01	1.79E+00	2.22E-01	7.10E-01	1.08E-01	1.33E-01	1.53E-02	4.41E+00	5.20E-01	1.01E+00	1.14E-01	1.77E-01	2.24E-02	0.00E+00	0.00E+00	6.99E-05	9.73E-06
1.55E+00	1.72E-01	2.38E+00	2.66E-01	1.09E+00	1.17E-01	1.66E-01	1.97E-02	6.89E+00	6.65E-01	1.44E+00	1.53E-01	2.34E-01	2.94E-02	0.00E+00	0.00E+00	3.92E-05	4.80E-06
1.43E+00	1.82E-01	2.61E+00	2.86E-01	8.76E-01	8.53E-02	1.33E-01	1.79E-02	8.74E+00	8.71E-01	1.46E+00	1.74E-01	2.21E-01	2.65E-02	0.00E+00	0.00E+00	3.26E-05	3.95E-06
1.63E+00	1.27E-01	2.55E+00	2.10E-01	6.25E-01	5.50E-02	1.66E-01	1.35E-02	8.03E+00	6.94E-01	1.54E+00	1.25E-01	2.40E-01	2.05E-02	0.00E+00	0.00E+00	2.40E-05	3.14E-06
1.63E+00	1.58E-01	2.68E+00	2.48E-01	6.54E-01	6.16E-02	1.57E-01	1.64E-02	8.38E+00	6.95E-01	1.59E+00	1.47E-01	2.29E-01	2.40E-02	0.00E+00	0.00E+00	2.06E-05	2.93E-06
1.51E+00	1.91E-01	2.44E+00	3.00E-01	6.53E-01	7.97E-02	1.68E-01	2.02E-02	6.91E+00	8.07E-01	1.36E+00	1.77E-01	2.40E-01	3.00E-02	0.00E+00	0.00E+00	1.86E-05	2.20E-06
1.43E+00	2.17E-01	2.27E+00	3.46E-01	5.89E-01	9.06E-02	1.47E-01	2.27E-02	6.70E+00	9.31E-01	1.36E+00	2.02E-01	2.12E-01	3.29E-02	0.00E+00	0.00E+00	1.66E-05	1.81E-06
1.37E+00	2.15E-01	2.15E+00	3.34E-01	6.32E-01	8.88E-02	1.52E-01	2.31E-02	5.58E+00	9.07E-01	1.27E+00	1.99E-01	2.16E-01	3.41E-02	0.00E+00	0.00E+00	1.47E-05	1.68E-06
1.22E+00	2.24E-01	1.98E+00	3.56E-01	5.15E-01	9.34E-02	1.23E-01	2.33E-02	5.84E+00	9.90E-01	1.17E+00	2.10E-01	1.82E-01	3.36E-02	0.00E+00	0.00E+00	1.30E-05	1.64E-06
1.04E+00	2.00E-01	1.59E+00	3.23E-01	5.52E-01	8.50E-02	1.14E-01	2.03E-02	4.80E+00	9.10E-01	9.53E-01	1.89E-01	2.17E-01	2.86E-02	0.00E+00	0.00E+00	1.33E-05	1.86E-06
8.09E-01	1.72E-01	1.25E+00	2.56E-01	6.28E-01	7.49E-02	1.09E-01	2.04E-02	3.58E+00	6.84E-01	7.53E-01	1.53E-01	2.51E-01	3.03E-02	0.00E+00	0.00E+00	1.32E-05	1.92E-06
8.02E-01	1.92E-01	1.26E+00	2.93E-01	5.00E-01	7.80E-02	1.35E-01	2.13E-02	3.65E+00	7.66E-01	7.31E-01	1.72E-01	2.68E-01	3.18E-02	0.00E+00	0.00E+00	1.29E-05	2.04E-06
1.06E+00	1.41E-01	1.76E+00	2.36E-01	5.84E-01	7.81E-02	1.16E-01	1.51E-02	4.72E+00	6.25E-01	9.90E-01	1.33E-01	1.74E-01	2.51E-02	0.00E+00	0.00E+00	1.58E-05	2.62E-06
1.04E+00	1.24E-01	1.84E+00	2.10E-01	5.83E-01	6.61E-02	1.03E-01	1.59E-02	5.20E+00	6.22E-01	1.02E+00	1.16E-01	1.84E-01	2.93E-02	0.00E+00	0.00E+00	2.12E-05	3.32E-06
9.34E-01	1.19E-01	1.63E+00	1.84E-01	5.13E-01	5.33E-02	1.20E-01	1.69E-02	5.30E+00	5.68E-01	9.17E-01	1.08E-01	2.07E-01	3.02E-02	0.00E+00	0.00E+00	2.15E-05	3.58E-06
1.53E+00	1.23E-01	2.49E+00	1.72E-01	6.70E-01	5.31E-02	1.53E-01	1.64E-02	7.28E+00	5.77E-01	1.49E+00	1.09E-01	2.16E-01	2.76E-02	0.00E+00	0.00E+00	2.08E-05	3.43E-06
1.74E+00	1.27E-01	2.84E+00	1.78E-01	7.77E-01	5.45E-02	1.72E-01	1.62E-02	8.42E+00	4.96E-01	1.70E+00	1.13E-01	2.33E-01	2.59E-02	0.00E+00	0.00E+00	2.17E-05	4.00E-06
1.36E+00	1.21E-01	2.15E+00	1.70E-01	6.48E-01	5.21E-02	1.40E-01	1.57E-02	6.33E+00	4.34E-01	1.31E+00	1.09E-01	2.11E-01	2.73E-02	0.00E+00	0.00E+00	2.55E-05	3.61E-06
1.09E+00	1.36E-01	1.62E+00	1.83E-01	5.01E-01	5.07E-02	1.37E-01	1.76E-02	5.55E+00	4.39E-01	9.87E-01	1.17E-01	2.41E-01	2.90E-02	0.00E+00	0.00E+00	2.83E-05	4.62E-06
1.11E+00	1.45E-01	1.46E+00	2.04E-01	4.40E-01	5.20E-02	1.74E-01	1.86E-02	5.57E+00	5.00E-01	8.78E-01	1.28E-01	3.04E-01	3.47E-02	0.00E+00	0.00E+00	3.56E-05	3.94E-06
1.27E+00	1.57E-01	1.85E+00	2.26E-01	5.66E-01	6.03E-02	1.88E-01	2.30E-02	6.56E+00	6.06E-01	1.05E+00	1.37E-01	3.21E-01	4.19E-02	0.00E+00	0.00E+00	3.82E-05	2.53E-06
1.26E+00	1.66E-01	1.77E+00	2.01E-01	6.13E-01	5.93E-02	2.03E-01	2.30E-02	6.69E+00	5.36E-01	1.06E+00	1.34E-01	3.76E-01	4.06E-02	0.00E+00	0.00E+00	1.98E-05	2.85E-06
1.55E+00	1.65E-01	1.88E+00	1.99E-01	5.90E-01	5.00E-02	2.31E-01	2.53E-02	6.03E+00	5.70E-01	1.23E+00	1.34E-01	3.84E-01	4.64E-02	0.00E+00	0.00E+00	2.70E-05	3.59E-06
1.53E+00	2.46E-01	2.39E+00	3.22E-01	8.27E-01	8.78E-02	1.78E-01	3.28E-02	6.11E+00	6.76E-01	1.41E+00	2.05E-01	3.29E-01	5.25E-02	0.00E+00	0.00E+00	3.02E-05	2.92E-06
1.53E+00	2.75E-01	2.63E+00	4.27E-01	7.89E-01	1.16E-01	2.19E-01	2.94E-02	8.34E+00	1.19E+00	1.47E+00	2.55E-01	3.66E-01	4.31E-02	0.00E+00	0.00E+00	2.48E-05	2.77E-06
2.12E+00	2.28E-01	3.14E+00	4.04E-01	9.33E-01	1.17E-01	2.52E-01	2.83E-02	9.62E+00	1.26E+00	1.90E+00	2.29E-01	3.67E-01	4.76E-02	0.00E+00	0.00E+00	2.22E-05	2.40E-06

Scenario 4 Results

2.66E+00	2.13E-01	4.09E+00	3.45E-01	1.15E+00	9.83E-02	2.80E-01	2.66E-02	1.19E+01	9.73E-01	2.51E+00	2.02E-01	4.53E-01	4.38E-02	0.00E+00	0.00E+00	1.86E-05	2.04E-06
2.65E+00	1.76E-01	3.94E+00	2.86E-01	1.14E+00	8.94E-02	3.19E-01	1.87E-02	1.23E+01	8.38E-01	2.32E+00	1.68E-01	4.76E-01	3.49E-02	0.00E+00	0.00E+00	1.79E-05	1.89E-06
1.94E+00	1.76E-01	2.36E+00	2.40E-01	9.43E-01	1.01E-01	2.75E-01	2.46E-02	6.63E+00	5.80E-01	1.55E+00	1.42E-01	4.53E-01	4.16E-02	0.00E+00	0.00E+00	1.84E-05	1.88E-06
1.41E+00	1.70E-01	2.13E+00	2.94E-01	8.41E-01	1.36E-01	2.20E-01	2.32E-02	6.89E+00	7.18E-01	1.18E+00	1.49E-01	3.98E-01	3.74E-02	0.00E+00	0.00E+00	1.87E-05	1.77E-06
1.53E+00	1.72E-01	2.53E+00	3.40E-01	1.02E+00	1.13E-01	1.79E-01	1.37E-02	7.49E+00	1.08E+00	1.48E+00	1.82E-01	3.42E-01	2.55E-02	0.00E+00	0.00E+00	1.29E-05	2.12E-06
1.39E+00	1.47E-01	2.44E+00	2.88E-01	6.92E-01	5.75E-02	1.70E-01	1.12E-02	9.64E+00	1.17E+00	1.42E+00	1.67E-01	3.16E-01	1.97E-02	0.00E+00	0.00E+00	1.29E-05	2.32E-06
1.38E+00	1.07E-01	2.01E+00	1.60E-01	6.39E-01	5.40E-02	1.68E-01	1.35E-02	6.37E+00	5.85E-01	1.22E+00	9.51E-02	2.52E-01	2.01E-02	0.00E+00	0.00E+00	1.41E-05	2.32E-06
1.74E+00	1.29E-01	2.76E+00	2.04E-01	8.07E-01	5.75E-02	1.88E-01	1.37E-02	7.40E+00	5.55E-01	1.62E+00	1.22E-01	2.62E-01	1.99E-02	0.00E+00	0.00E+00	1.59E-05	2.69E-06
1.70E+00	1.33E-01	2.70E+00	2.00E-01	7.13E-01	5.22E-02	1.74E-01	1.48E-02	7.76E+00	5.39E-01	1.60E+00	1.22E-01	2.90E-01	2.22E-02	0.00E+00	0.00E+00	1.97E-05	3.18E-06
1.54E+00	1.18E-01	2.22E+00	1.73E-01	6.39E-01	4.97E-02	1.88E-01	1.38E-02	5.31E+00	4.42E-01	1.36E+00	1.05E-01	2.87E-01	2.07E-02	0.00E+00	0.00E+00	1.83E-05	3.24E-06
1.49E+00	1.39E-01	2.34E+00	1.93E-01	6.41E-01	5.53E-02	1.65E-01	1.76E-02	6.57E+00	4.89E-01	1.39E+00	1.20E-01	2.44E-01	2.76E-02	0.00E+00	0.00E+00	1.91E-05	4.04E-06
1.40E+00	1.51E-01	1.85E+00	2.14E-01	5.98E-01	5.94E-02	1.95E-01	1.87E-02	4.72E+00	5.06E-01	1.15E+00	1.33E-01	3.09E-01	2.92E-02	0.00E+00	0.00E+00	2.85E-05	3.57E-06
1.36E+00	1.64E-01	2.30E+00	2.45E-01	7.02E-01	7.43E-02	1.63E-01	1.98E-02	6.14E+00	5.83E-01	1.30E+00	1.47E-01	2.42E-01	2.96E-02	0.00E+00	0.00E+00	2.72E-05	5.91E-06
1.17E+00	1.50E-01	1.86E+00	2.36E-01	4.85E-01	5.92E-02	1.40E-01	1.54E-02	5.76E+00	6.89E-01	1.10E+00	1.42E-01	2.31E-01	2.40E-02	0.00E+00	0.00E+00	3.81E-05	4.99E-06
8.73E-01	1.04E-01	1.33E+00	1.56E-01	4.55E-01	4.50E-02	1.25E-01	1.35E-02	5.10E+00	4.12E-01	7.82E-01	9.47E-02	2.33E-01	2.28E-02	0.00E+00	0.00E+00	2.34E-05	2.16E-06
7.33E-01	1.01E-01	1.24E+00	1.36E-01	3.87E-01	3.98E-02	1.31E-01	1.34E-02	4.31E+00	3.48E-01	6.79E-01	8.55E-02	2.64E-01	2.39E-02	0.00E+00	0.00E+00	2.00E-05	3.55E-06
7.83E-01	1.08E-01	1.25E+00	1.81E-01	4.05E-01	5.58E-02	1.45E-01	1.41E-02	3.44E+00	4.92E-01	7.13E-01	1.06E-01	2.63E-01	2.46E-02	0.00E+00	0.00E+00	2.41E-05	3.61E-06
7.72E-01	1.06E-01	1.24E+00	1.91E-01	4.10E-01	5.32E-02	1.10E-01	1.51E-02	4.06E+00	5.84E-01	6.80E-01	1.07E-01	1.91E-01	2.53E-02	0.00E+00	0.00E+00	2.31E-05	2.90E-06
7.51E-01	1.15E-01	1.26E+00	1.51E-01	3.89E-01	4.07E-02	1.38E-01	1.65E-02	3.81E+00	4.59E-01	6.96E-01	9.16E-02	2.41E-01	2.71E-02	0.00E+00	0.00E+00	2.53E-05	5.08E-06
9.59E-01	1.27E-01	1.30E+00	1.47E-01	5.47E-01	4.25E-02	1.41E-01	1.80E-02	3.43E+00	3.55E-01	7.91E-01	1.01E-01	2.40E-01	2.98E-02	0.00E+00	0.00E+00	2.78E-05	3.22E-06
1.15E+00	1.33E-01	1.60E+00	1.75E-01	6.05E-01	4.95E-02	1.62E-01	1.92E-02	4.05E+00	4.57E-01	9.86E-01	1.05E-01	2.77E-01	3.28E-02	0.00E+00	0.00E+00	2.88E-05	2.82E-06
1.09E+00	1.34E-01	1.56E+00	1.80E-01	4.29E-01	4.74E-02	1.75E-01	1.93E-02	4.50E+00	5.11E-01	9.46E-01	1.10E-01	2.99E-01	3.41E-02	0.00E+00	0.00E+00	2.66E-05	2.59E-06
1.04E+00	1.40E-01	1.33E+00	2.05E-01	3.90E-01	5.52E-02	1.62E-01	1.78E-02	4.08E+00	5.28E-01	8.29E-01	1.27E-01	2.95E-01	3.15E-02	0.00E+00	0.00E+00	2.21E-05	2.15E-06
9.20E-01	1.47E-01	1.28E+00	2.19E-01	5.17E-01	5.78E-02	1.37E-01	1.66E-02	3.65E+00	5.81E-01	7.90E-01	1.36E-01	2.37E-01	2.56E-02	0.00E+00	0.00E+00	1.81E-05	1.62E-06
1.04E+00	1.34E-01	1.61E+00	2.08E-01	6.46E-01	8.38E-02	1.15E-01	1.44E-02	4.43E+00	5.78E-01	9.57E-01	1.27E-01	2.05E-01	2.13E-02	0.00E+00	0.00E+00	1.70E-05	1.29E-06
1.49E+00	1.41E-01	2.28E+00	2.14E-01	8.75E-01	1.11E-01	1.72E-01	1.94E-02	5.79E+00	5.00E-01	1.31E+00	1.14E-01	2.26E-01	2.95E-02	0.00E+00	0.00E+00	1.16E-05	2.01E-06
1.55E+00	1.84E-01	2.38E+00	2.73E-01	1.19E+00	1.15E-01	1.63E-01	2.10E-02	7.09E+00	7.18E-01	1.46E+00	1.65E-01	2.38E-01	3.09E-02	0.00E+00	0.00E+00	1.33E-05	2.18E-06
1.26E+00	1.68E-01	2.39E+00	2.73E-01	8.31E-01	7.64E-02	1.40E-01	1.57E-02	8.46E+00	8.50E-01	1.33E+00	1.64E-01	2.19E-01	2.28E-02	0.00E+00	0.00E+00	1.35E-05	2.43E-06
1.76E+00	1.56E-01	2.80E+00	2.40E-01	6.98E-01	5.99E-02	1.75E-01	1.66E-02	8.40E+00	7.23E-01	1.68E+00	1.43E-01	2.49E-01	2.46E-02	0.00E+00	0.00E+00	1.34E-05	3.17E-06
1.68E+00	1.98E-01	2.70E+00	3.06E-01	7.36E-01	8.22E-02	1.80E-01	2.17E-02	7.60E+00	8.19E-01	1.58E+00	1.84E-01	2.58E-01	3.26E-02	0.00E+00	0.00E+00	1.66E-05	3.85E-06
1.69E+00	2.41E-01	2.66E+00	3.83E-01	6.93E-01	1.01E-01	1.76E-01	2.52E-02	7.58E+00	1.03E+00	1.58E+00	2.24E-01	2.50E-01	3.68E-02	0.00E+00	0.00E+00	1.89E-05	2.67E-06
1.50E+00	2.34E-01	2.35E+00	3.71E-01	6.85E-01	9.62E-02	1.68E-01	2.47E-02	6.04E+00	1.00E+00	1.38E+00	2.16E-01	2.41E-01	3.66E-02	0.00E+00	0.00E+00	1.93E-05	2.79E-06
1.20E+00	2.26E-01	1.93E+00	3.57E-01	4.96E-01	9.14E-02	1.21E-01	2.35E-02	5.63E+00	9.95E-01	1.14E+00	2.11E-01	1.85E-01	3.43E-02	0.00E+00	0.00E+00	2.09E-05	4.15E-06
1.03E+00	1.91E-01	1.66E+00	3.04E-01	4.60E-01	7.72E-02	1.12E-01	1.97E-02	5.73E+00	8.54E-01	9.46E-01	1.78E-01	2.12E-01	2.99E-02	0.00E+00	0.00E+00	2.93E-05	6.53E-06
8.92E-01	1.76E-01	1.41E+00	2.59E-01	6.13E-01	7.84E-02	1.44E-01	2.14E-02	3.80E+00	6.60E-01	8.21E-01	1.55E-01	2.42E-01	3.16E-02	0.00E+00	0.00E+00	2.25E-05	4.19E-06
9.14E-01	1.94E-01	1.32E+00	2.94E-01	6.67E-01	8.29E-02	1.74E-01	2.20E-02	3.78E+00	7.77E-01	7.80E-01	1.77E-01	2.65E-01	3.24E-02	0.00E+00	0.00E+00	3.08E-05	3.57E-06
1.04E+00	2.52E-01	1.73E+00	3.91E-01	5.43E-01	1.05E-01	1.50E-01	2.82E-02	4.47E+00	9.42E-01	9.45E-01	2.23E-01	2.59E-01	4.10E-02	0.00E+00	0.00E+00	2.19E-05	4.35E-06
1.04E+00	1.66E-01	1.67E+00	2.55E-01	4.99E-01	8.34E-02	1.20E-01	1.97E-02	4.93E+00	6.15E-01	9.68E-01	1.48E-01	1.76E-01	2.81E-02	0.00E+00	0.00E+00	2.86E-05	1.95E-06
1.13E+00	1.45E-01	1.90E+00	2.41E-01	6.46E-01	8.06E-02	1.24E-01	1.55E-02	5.08E+00	6.36E-01	1.06E+00	1.36E-01	1.88E-01	2.65E-02	0.00E+00	0.00E+00	3.28E-05	3.75E-06
1.07E+00	1.31E-01	1.92E+00	2.16E-01	6.25E-01	6.86E-02	1.12E-01	1.65E-02	5.41E+00	6.42E-01	1.06E+00	1.19E-01	1.94E-01	3.06E-02	0.00E+00	0.00E+00	2.21E-05	2.05E-06
1.17E+00	1.26E-01	1.81E+00	1.90E-01	5.35E-01	5.49E-02	1.27E-01	1.79E-02	5.41E+00	5.85E-01	1.10E+00	1.12E-01	1.92E-01	3.23E-02	0.00E+00	0.00E+00	1.68E-05	3.97E-06
1.78E+00	1.29E-01	2.86E+00	1.78E-01	7.75E-01	5.52E-02	1.80E-01	1.75E-02	8.22E+00	5.88E-01	1.71E+00	1.13E-01	2.50E-01	2.98E-02	0.00E+00	0.00E+00	2.18E-05	4.62E-06
1.87E+00	1.29E-01	3.06E+00	1.85E-01	8.25E-01	5.86E-02	1.83E-01	1.67E-02	9.11E+00	5.24E-01	1.82E+00	1.14E-01	2.48E-01	2.68E-02	0.00E+00	0.00E+00	2.20E-05	2.43E-06
1.38E+00	1.26E-01	2.20E+00	1.76E-01	6.38E-01	5.54E-02	1.39E-01	1.66E-02	8.42E+00	5.43E-01	1.33E+00	1.12E-01	2.24E-01	2.94E-02	0.00E+00	0.00E+00	2.01E-05	2.21E-06
1.15E+00	1.46E-01	2.14E+00	1.94E-01	4.91E-01	5.34E-02	1.48E-01	1.88E-02	8.07E+00	5.71E-01	1.21E+00	1.25E-01	2.57E-01	3.15E-02	0.00E+00	0.00E+00	1.79E-05	1.87E-06
1.38E+00	1.70E-01	1.87E+00	2.43E-01	5.11E-01	6.21E-02	2.20E-01	2.23E-02	6.87E+00	6.12E-01	1.06E+00	1.51E-01	3.80E-01	4.15E-02	0.00E+00	0.00E+00	1.74E-05	1.98E-06
1.47E+00	1.78E-01	2.04E+00	2.48E-01	6.44E-01	6.77E-02	2.22E-01	2.61E-02	6.99E+00	6.67E-01	1.15E+00	1.48E-01	3.78E-01	4.72E-02	0.00E+00	0.00E+00	1.32E-05	2.60E-06
1.42E+00	1.69E-01	1.84E+00	2.04E-01	5.82E-01	5.73E-02	2.29E-01	2.35E-02	6.26E+00	5.67E-01	1.05E+00	1.37E-01	4.08E-01	4.13E-02	0.00E+00	0.00E+00	1.27E-05	3.22E-06
1.63E+00	2.10E-01	2.19E+00	2.48E-01	7.30E-01	6.44E-02	2.23E-01	3.06E-02	5.76E+00	5.14E-01	1.37E+00	1.67E-01	3.71E-01	5.31E-02	0.00E+00	0.00E+00	1.36E-05	3.42E-06
1.73E+00	2.93E-01	3.01E+00	4.22E-01	9.56E-01	1.17E-01	2.01E-01	3.53E-02	8.90E+00	1.04E+00	1.70E+00	2.58E-01	3.43E-01	5.26E-02	0.00E+00	0.00E+00	1.52E-05	2.95E-06
2.25E+00	2.79E-01	3.19E+00	4.68E-01	9.60E-01	1.31E-01	2.82E-01	2.94E-02	1.03E+01	1.40E+00	1.96E+00	2.71E-01	4.24E-01	5.05E-02	0.00E+00	0.00E+00	1.60E-05	2.35E-06
2.52E+00	2.34E-01	4.00E+00	3.71E-01	1.11E+00	1.14E-01	2.79E-01	3.08E-02	1.13E+01	1.15E+00	2.37E+00	2.19E-01	4.61E-01	5.13E-02	0.00E+00	0.00E+00	1.50E-05	2.08E-06
2.69E+00	2.03E-01	4.51E+00	3.29E-01	1.26E+00	1.01E-01	3.14E-01	2.31E-02	1.38E+01	9.37E-01	2.65E+00	1.93E-01	4.70E-01	3.71E-02	0.00E+00	0.00E+00	1.69E-05	3.10E-06
2.02E+00	1.70E-01	2.53E+00	2.45E-01	9.01E-01	9.56E-02	2.80E-01	2.37E-02	7.06E+00	6.00E-01	1.64E+00	1.37E-01	4.53E-01	4.06E-02	0.00E+00	0.00E+00	2.04E-05	4.97E-06
1.69E+00	1.87E-01	2.15E+00	2.92E-01	8.66E-01	1.40E-01	2.55E-01	2.61E-02	6.56E+00	7.09E-01	1.31E+00	1.53E-01	4.52E-01	4.31E-02	0.00E+00	0.00E+00	2.21E-05	2.83E-06
1.54E+00	1.73E-01	2.51E+00	3.42E-01	1.08E+00	1.27E-01	1.78E-01	1.70E-02	7.92E+00	1.02E+00	1.46E+00	1.80E-01	3.28E-01	2.87E-02	0.00E+00	0.00E+00	2.18E-05	3.18E-06
1.46E+00	1.54E-01	2.57E+00	3.02E-01	6.77E-01	5.76E-02	1.73E-01	1.23E-02	8.96E+00	1.20E+00	1.50E+00	1.73E-01	3.43E-01	2.09E-02	0.00E+00	0.00E+00	2.96E-05	2.99E-06
1.37E+00	1.06E-01	1.96E+00	1.57E-01	6.40E-01	5.24E-02	1.70E-01	1.37E-02	7.14E+00	6.90E-01	1.20E+00	9.48E-02	2.58E-01	2.08E-02	0.00E+00	0.00E+00	2.31E-05	3.39E-06
1.72E+00	1.32E-01	2.70E+00	2.09E-01	8.02E-01	5.94E-02	1.92E-01	1.43E-02	7.04E+00	5.63E-01	1.59E+00	1.24E-01	2.67E-01	2.06E-02	0.00E+00	0.00E+00	2.80E-05	2.78E-06
1.81E+00	1.42E-01	2.86E+00	2.13E-01	7.65E-01	5.57E-02	1.89E-01	1.58E-02	8.10E+00	5.72E-01	1.70E+00	1.30E-01	3.10E-01	2.38E-02	0.00E+00	0.00E+00	2.94E-05	2.35E-06
1.64E+00	1.27E-01	2.37E+00	1.86E-01	6.86E-01	5.36E-02	2.01E-01	1.49E-02	5.69E+00	4.71E-01	1.45E+00	1.13E-01	3.05E-01	2.23E-02	0.00E+00	0.00E+00	2.72E-05	3.02E-06
1.57E+00	1.51E-01	2.49E+00	2.11E-01	6.81E-01	6.09E-02	1.74E-01	1.91E-02	7.02E+00	5.30E-01	1.47E+00	1.31E-01	2.73E-01	2.98E-02	0.00E+00	0.00E+00	1.98E-05	1.91E-06
1.49E+00	1.62E-01	2.03E+00	2.30E-01	6.76E-01	6.38E-02	2.03E-01	2.00E-02	4.99E+00	5.47E-01	1.25E+00	1.42E-01	3.16E-01	3.10E-02	0.00E+00	0.00E+00	1.46E-05	3.85E-06
1.44E+00	1.74E-01	2.33E+00	2.63E-01	6.99E-01	7.87E-02	1.72E-01	2.05E-02	6.52E+00	6.45E-01	1.31E+00	1.57E-01	2.55E-01	3.04E-02	0.00E+00	0.00E+00	1.44E-05	4.11E-06
1.10E+00	1.46E-01	1.85E+00	2.28E-01	5.00E-01	5.52E-02	1.45E-01	1.60E-02	6.56E+00	6.71E-01	1.03E+00	1.38E-01	2.37E-01	2.47E-02	0.00E+00	0.00E+00	1.57E-05	3.18E-06
8.60E-01	1.04E-01	1.54E+00	1.58E-01	4.68E-01	4.57E-02	1.37E-01	1.41E-02	6.27E+00	4.03E-01	8.73E-01	9.54E-02	2.62E-01	2.39E-02	0.00E+00	0.00E+00	1.59E-05	1.81E-06
7.71E-01	1.04E-01	1.25E+00	1.44E-01	3.78E-01	4.74E-02	1.52E-01	1.46E-02	5.25E+00	3.62E-01	6.84E-01	9.09E-02	2.73E-01	2.60E-02	0.00E+00	0.00E+00	1.53E-05	2.21E-06
8.08E-01	1.15E-01	1.37E+00	1.99E-01	4.28E-01	6.02E-02	1.46E-01	1.50E-02	3.96E+00	5.68E-01	7.65E-01	1.15E-01	2.66E-01	2.59E-02	0.00E+00	0.00E+00	1.07E-05	2.86E-06
8.47E-01	1.09E-01	1.29E+00	1.92E-01	4.29E-01	5.29E-02	1.27E-01	1.61E-02	4.01E+00	5.95E-01	7.42E-01	1.08E-01	2.19E-01	2.67E-02	0.00E+00	0.00E+00	1.26E-05	3.05E-06
8.53E-01	1.24E-01	1.25E+00	1.47E-01	3.80E-01	3.81E-02	1.39E-01	1.76E-02	4.03E+00	4.26E-01	7.06E-01	1.00E-01	2.42E-01	2.88E-02	0.00E+00	0.00E+00	1.48E-05	2.32E-06
1.04E+00	1.38E-01	1.38E+00	1.67E-01	5.94E-01	4.85E-02	1.47E-01	1.94E-02	3.67E+00	4.15E-01	8.43E-01	1.10E-01	2.45E-01	3.24E-02	0.00E+00	0.00E+00	1.50E-05	2.17E-06
1.11E+00	1.44E-01	1.60E+00	1.88E-01	5.54E-01	5.20E-02	1.72E-01	2.06E-02	4.20E+00	5.10E-01	9.73E-01	1.13E-01	2.90E-01	3.56E-02	0.00E+00	0.00E+00	1.45E-05	1.81E-06
1.11E+00	1.38E-01	1.55E+00	1.87E-01	3.87E-01	5.14E-02	1.68E-01	1.97E-02	4.72E+00	5.14E-01	9.75E-01	1.16E-01	3.22E-01	3.52E-02	0.00E+00	0.00E+00	1.53E-05	2.44E-06
9.66E-01	1.55E-01	1.36E+00	2.29E-01	4.13E-01	6.08E-02	1.43E-01	1.79E-02	4.05E+00	5.97E-01	7.85E-01	1.42E-01	3.01E-01	2.98E-02	0.00E+00	0.00E+00	1.70E-05	4.87E-06
1.13E+00	1.52E-01	1.64E+00	2.30E-01	5.55E-01	6.53E-02	1.33E-01	1.68E-02	4.15E+00	6.21E-01	1.00E+00	1.41E-01	2.30E-01	2.55E-02	0.00E+00	0.00E+00	1.93E-05	3.97E-06
1.36E+00	1.31E-01	2.08E+00	2.08E-01	6.97E-01	9.75E-02	1.67E-01	1.87E-02	5.17E+00	5.96E-01	1.15E+00	1.26E-01	2.42E-01	2.97E-02	0.00E+00	0.00E+00	1.71E-05	3.15E-06
1.67E+00	1.67E-01	2.54E+00	2.25E-01	1.03E+00	1.13E-01	1.91E-01	2.27E-02	6.74E+00	4.51E-01	1.50E+00	1.37E-01	2.59E-01	3.41E-02	0.00E+00	0.00E+00	2.45E-05	2.44E-06
1.27E+00	1.72E-01	2.16E+00	2.62E-01	1.14E+00	1.01E-01	1.42E-01	1.91E-02	6.11E+00	7.01E-01	1.23E+00	1.57E-01	2.36E-01	2.77E-02	0.00E+00	0.00E+00	2.51E-05	2.39E-06
1.51E+00	1.45E-01	2.25E+00	2.35E-01	6.67E-01	5.93E-02	1.70E-01	1.62E-02	7.36E+00	7.39E-01	1.36E+00	1.39E-01	2.50E-01	2.43E-02	0.00E+00	0.00E+00	2.02E-05	3.21E-06
1.64E+00	1.80E-01	2.74E+00	2.80E-01	7.18E-01	6.96E-02	1.60E-01	1.89E-02	8.31E+00	7.71E-01	1.57E+00	1.66E-01	2.41E-01	2.79E-02	0.00E+00	0.00E+00	1.92E-05	3.25E-06
1.95E+00	2.61E-01	3.04E+00	4.11E-01	8.01E-01	1.09E-01	2.08E-01	2.78E-02	8.50E+00	1.11E+00	1.78E+00	2.43E-01	2.95E-01	4.10E-02	0.00E+00	0.00E+00	2.38E-05	1.36E-06
1.71E+00	2.78E-01	2.65E+00	4.44E-01	7.86E-01	1.16E-01	1.94E-01	2.89E-02	7.83E+00	1.21E+00	1.56E+00	2.58E-01	2.80E-01	4.16E-02	0.00E+00	0.00E+00	3.03E-05	2.61E-06
1.44E+00	2.53E-01	2.31E+00	4.00E-01	6.04E-01	1.02E-01	1.47E-01	2.61E-02	6.62E+00	1.12E+00	1.37E+00	2.36E-01	2.09E-01	3.82E-02	0.00E+00	0.00E+00	2.07E-05	2.50E-06
1.11E+00	1.98E-01	1.69E+00	3.15E-01	4.72E-01	7.87E-02	1.27E-01	2.16E-02	5.50E+00	8.88E-01	1.02E+00	1.85E-01	2.10E-01	3.32E-02	0.00E+00	0.00E+00	1.65E-05	1.94E-06
9.81E-01	1.86E-01	1.75E+00	2.72E-01	6.94E-01	8.32E-02	1.77E-01	2.29E-02	5.88E+00	6.57E-01	9.57E-01	1.64E-01	2.29E-01	3.40E-02	0.00E+00	0.00E+00	1.39E-05	3.66E-06
1.05E+00	1.95E-01	1.40E+00	2.92E-01	7.75E-01	8.42E-02	2.06E-01	2.24E-02	3.75E+00	7.61E-01	8.43E-01	1.77E-01	2.58E-01	3.29E-02	0.00E+00	0.00E+00	1.11E-05	2.79E-06
1.05E+00	2.47E-01	1.68E+00	3.78E-01	6.89E-01	9.89E-02	1.70E-01	2.82E-02	4.99E+00	9.18E-01	9.52E-01	2.16E-01	2.58E-01	4.17E-02	0.00E+00	0.00E+00	1.01E-05	3.04E-06
1.41E+00	3.25E-01	2.12E+00	5.16E-01	5.94E-01	1.43E-01	1.62E-01	3.56E-02	5.45E+00	1.26E+00	1.27E+00	2.90E-01	2.39E-01	5.01E-02	0.00E+00	0.00E+00	1.09E-05	2.27E-06
1.08E+00	1.91E-01	1.84E+00	2.71E-01	5.26E-01	8.22E-02	1.18E-01	2.44E-02	5.67E+00	6.76E-01	1.05E+00	1.65E-01	1.86E-01	3.66E-02	0.00E+00	0.00E+00	1.02E-05	1.96E-06
1.12E+00	1.69E-01	1.79E+00	2.59E-01	5.53E-01	8.43E-02	1.33E-01	2.02E-02	4.92E+00	6.17E-01	1.04E+00	1.51E-01	1.93E-01	2.91E-02	0.00E+00	0.00E+00	1.08E-05	1.75E-06
1.19E+00	1.46E-01	2.01E+00	2.42E-01	6.98E-01	8.12E-02	1.30E-01	1.64E-02	5.43E+00	6.32E-01	1.11E+00	1.36E-01	1.93E-01	2.74E-02	0.00E+00	0.00E+00	1.28E-05	1.72E-06
1.09E+00	1.37E-01	1.97E+00	2.20E-01	6.60E-01	7.08E-02	1.08E-01	1.70E-02	5.76E+00	6.53E-01	1.08E+00	1.22E-01	2.01E-01	3.16E-02	0.00E+00	0.00E+00	1.37E-05	1.74E-06
1.35E+00	1.34E-01	2.11E+00	1.93E-01	5.64E-01	5.56E-02	1.51E-01	1.88E-02	8.03E+00	5.93E-01	1.25E+00	1.17E-01	2.25E-01	3.42E-02	0.00E+00	0.00E+00	1.46E-05	2.01E-06
1.98E+00	1.35E-01	3.19E+00	1.83E-01	8.66E-01	6.08E-02	2.02E-01	1.86E-02	9.84E+00	5.84E-01	1.90E+00	1.17E-01	2.81E-01	3.21E-02	0.00E+00	0.00E+00	1.53E-05	4.54E-06
2.03E+00	1.36E-01	3.34E+00	1.99E-01	8.91E-01	6.50E-02	1.96E-01	1.77E-02	1.02E+01	5.72E-01	1.98E+00	1.19E-01	2.62E-01	2.87E-02	0.00E+00	0.00E+00	1.75E-05	4.55E-06

Scenario 4 Results

1.45E+00	1.36E-01	2.63E+00	1.88E-01	6.57E-01	6.19E-02	1.42E-01	1.80E-02	9.47E+00	5.74E-01	1.48E+00	1.20E-01	2.46E-01	3.22E-02	0.00E+00	0.00E+00	1.88E-05	2.25E-06
1.30E+00	1.73E-01	2.36E+00	2.34E-01	5.67E-01	6.33E-02	1.69E-01	2.19E-02	8.48E+00	5.87E-01	1.34E+00	1.49E-01	2.92E-01	3.71E-02	0.00E+00	0.00E+00	1.21E-05	2.97E-06
1.53E+00	1.89E-01	1.99E+00	2.75E-01	6.05E-01	7.09E-02	2.44E-01	2.58E-02	6.26E+00	7.07E-01	1.19E+00	1.69E-01	4.21E-01	4.78E-02	0.00E+00	0.00E+00	2.43E-05	2.09E-06
1.33E+00	1.85E-01	1.92E+00	2.34E-01	5.98E-01	6.54E-02	2.03E-01	2.71E-02	6.11E+00	6.21E-01	1.13E+00	1.45E-01	3.60E-01	4.90E-02	0.00E+00	0.00E+00	2.09E-05	2.26E-06
1.61E+00	1.81E-01	1.84E+00	2.16E-01	5.60E-01	5.86E-02	2.49E-01	2.53E-02	5.74E+00	5.66E-01	1.23E+00	1.47E-01	4.21E-01	4.66E-02	0.00E+00	0.00E+00	1.59E-05	2.73E-06
1.88E+00	2.73E-01	2.89E+00	3.55E-01	9.78E-01	9.69E-02	2.25E-01	3.68E-02	7.09E+00	7.23E-01	1.70E+00	2.27E-01	3.90E-01	5.96E-02	0.00E+00	0.00E+00	1.97E-05	2.46E-06
1.99E+00	3.23E-01	3.50E+00	5.06E-01	1.02E+00	1.42E-01	2.72E-01	3.47E-02	1.15E+01	1.39E+00	1.95E+00	2.99E-01	4.32E-01	5.35E-02	0.00E+00	0.00E+00	1.94E-05	2.00E-06
2.36E+00	2.53E-01	3.58E+00	4.49E-01	1.06E+00	1.32E-01	2.71E-01	3.45E-02	1.06E+01	1.38E+00	2.14E+00	2.54E-01	4.34E-01	5.86E-02	0.00E+00	0.00E+00	2.18E-05	1.86E-06
2.95E+00	2.16E-01	4.73E+00	3.23E-01	1.28E+00	1.05E-01	2.98E-01	2.88E-02	1.40E+01	9.96E-01	2.84E+00	1.97E-01	5.01E-01	4.79E-02	0.00E+00	0.00E+00	2.71E-05	2.55E-06
2.05E+00	1.61E-01	3.01E+00	2.58E-01	8.77E-01	9.26E-02	2.79E-01	2.21E-02	9.48E+00	6.54E-01	1.72E+00	1.51E-01	4.47E-01	3.80E-02	0.00E+00	0.00E+00	1.52E-05	1.97E-06
1.86E+00	1.94E-01	2.14E+00	2.86E-01	9.65E-01	1.37E-01	2.72E-01	2.77E-02	6.91E+00	7.05E-01	1.47E+00	1.56E-01	4.71E-01	4.67E-02	0.00E+00	0.00E+00	1.31E-05	1.88E-06
1.54E+00	1.73E-01	2.49E+00	3.41E-01	1.12E+00	1.42E-01	2.03E-01	2.09E-02	8.38E+00	9.27E-01	1.42E+00	1.76E-01	3.81E-01	3.20E-02	0.00E+00	0.00E+00	1.20E-05	2.79E-06
1.57E+00	1.62E-01	2.75E+00	3.17E-01	6.84E-01	6.69E-02	1.83E-01	1.35E-02	9.17E+00	1.21E+00	1.60E+00	1.79E-01	3.57E-01	2.38E-02	0.00E+00	0.00E+00	1.12E-05	2.68E-06
1.37E+00	1.07E-01	1.94E+00	1.93E-01	6.83E-01	5.13E-02	1.73E-01	1.43E-02	8.29E+00	8.52E-01	1.18E+00	1.16E-01	2.77E-01	2.20E-02	0.00E+00	0.00E+00	8.32E-06	2.78E-06
1.72E+00	1.38E-01	2.65E+00	2.19E-01	8.04E-01	6.30E-02	1.96E-01	1.50E-02	6.73E+00	5.83E-01	1.56E+00	1.30E-01	2.75E-01	2.16E-02	0.00E+00	0.00E+00	9.90E-06	1.50E-06
1.92E+00	1.51E-01	3.01E+00	2.26E-01	8.16E-01	5.92E-02	2.04E-01	1.68E-02	8.40E+00	6.07E-01	1.79E+00	1.38E-01	3.29E-01	2.54E-02	0.00E+00	0.00E+00	1.06E-05	1.42E-06
1.74E+00	1.37E-01	2.51E+00	2.00E-01	7.26E-01	5.71E-02	2.13E-01	1.61E-02	6.03E+00	5.02E-01	1.53E+00	1.21E-01	3.23E-01	2.41E-02	0.00E+00	0.00E+00	1.09E-05	1.57E-06
1.66E+00	1.64E-01	2.63E+00	2.29E-01	7.29E-01	6.63E-02	1.83E-01	2.06E-02	7.47E+00	5.70E-01	1.56E+00	1.42E-01	3.01E-01	3.20E-02	0.00E+00	0.00E+00	1.18E-05	1.61E-06
1.55E+00	1.72E-01	2.17E+00	2.45E-01	7.92E-01	6.76E-02	2.08E-01	2.11E-02	5.33E+00	5.83E-01	1.31E+00	1.51E-01	3.19E-01	3.30E-02	0.00E+00	0.00E+00	1.20E-05	3.52E-06
1.58E+00	1.89E-01	2.42E+00	2.88E-01	8.50E-01	8.51E-02	1.85E-01	2.17E-02	7.00E+00	7.24E-01	1.42E+00	1.72E-01	2.74E-01	3.18E-02	0.00E+00	0.00E+00	1.35E-05	3.67E-06
1.13E+00	1.51E-01	2.26E+00	2.33E-01	6.59E-01	5.91E-02	1.53E-01	1.70E-02	7.74E+00	6.95E-01	1.21E+00	1.42E-01	2.57E-01	2.60E-02	0.00E+00	0.00E+00	1.42E-05	2.46E-06
9.24E-01	1.14E-01	1.85E+00	1.68E-01	5.12E-01	4.82E-02	1.50E-01	1.55E-02	7.38E+00	4.32E-01	1.04E+00	1.01E-01	2.96E-01	2.77E-02	0.00E+00	0.00E+00	1.60E-05	2.73E-06
8.91E-01	1.10E-01	1.38E+00	1.71E-01	4.11E-01	5.60E-02	1.77E-01	1.62E-02	6.14E+00	4.07E-01	8.03E-01	1.04E-01	3.16E-01	2.88E-02	0.00E+00	0.00E+00	1.09E-05	2.10E-06
8.60E-01	1.24E-01	1.46E+00	2.19E-01	4.32E-01	6.43E-02	1.49E-01	1.65E-02	4.35E+00	6.46E-01	8.09E-01	1.24E-01	2.75E-01	2.83E-02	0.00E+00	0.00E+00	2.31E-05	1.82E-06
8.95E-01	1.19E-01	1.39E+00	1.90E-01	4.53E-01	5.16E-02	1.38E-01	1.73E-02	3.90E+00	5.87E-01	7.99E-01	1.06E-01	2.38E-01	2.85E-02	0.00E+00	0.00E+00	1.76E-05	2.30E-06
9.55E-01	1.36E-01	1.36E+00	1.63E-01	4.42E-01	4.43E-02	1.35E-01	1.90E-02	4.03E+00	3.86E-01	8.18E-01	1.10E-01	2.40E-01	3.12E-02	0.00E+00	0.00E+00	1.21E-05	2.32E-06
1.08E+00	1.52E-01	1.42E+00	1.87E-01	6.10E-01	5.38E-02	1.53E-01	2.13E-02	3.91E+00	4.79E-01	8.98E-01	1.20E-01	2.50E-01	3.60E-02	0.00E+00	0.00E+00	1.76E-05	2.62E-06
1.20E+00	1.54E-01	1.69E+00	1.94E-01	4.78E-01	5.18E-02	1.77E-01	2.19E-02	4.82E+00	5.51E-01	1.01E+00	1.22E-01	3.32E-01	3.84E-02	0.00E+00	0.00E+00	1.68E-05	2.95E-06
1.10E+00	1.52E-01	1.48E+00	2.24E-01	4.38E-01	6.06E-02	1.72E-01	1.96E-02	4.79E+00	5.73E-01	9.33E-01	1.38E-01	3.53E-01	3.50E-02	0.00E+00	0.00E+00	1.53E-05	1.36E-06
1.09E+00	1.67E-01	1.49E+00	2.48E-01	4.92E-01	6.52E-02	1.39E-01	1.89E-02	4.39E+00	6.57E-01	9.35E-01	1.53E-01	2.79E-01	2.89E-02	0.00E+00	0.00E+00	2.20E-05	2.13E-06
1.25E+00	1.52E-01	1.93E+00	2.35E-01	6.22E-01	8.08E-02	1.35E-01	1.62E-02	5.40E+00	6.55E-01	1.15E+00	1.43E-01	2.43E-01	2.59E-02	0.00E+00	0.00E+00	2.22E-05	2.28E-06
1.84E+00	1.73E-01	2.77E+00	2.18E-01	8.88E-01	1.15E-01	2.22E-01	2.52E-02	6.67E+00	5.66E-01	1.59E+00	1.35E-01	2.93E-01	3.90E-02	0.00E+00	0.00E+00	1.34E-05	1.70E-06
1.58E+00	1.78E-01	2.41E+00	2.52E-01	1.15E+00	1.13E-01	1.76E-01	2.32E-02	6.73E+00	5.42E-01	1.46E+00	1.52E-01	2.78E-01	3.41E-02	0.00E+00	0.00E+00	1.06E-05	1.53E-06
1.21E+00	1.45E-01	1.81E+00	2.30E-01	9.31E-01	7.83E-02	1.54E-01	1.63E-02	5.60E+00	6.42E-01	1.03E+00	1.37E-01	2.37E-01	2.47E-02	0.00E+00	0.00E+00	1.09E-05	2.05E-06
1.72E+00	1.78E-01	2.67E+00	2.73E-01	7.18E-01	6.98E-02	1.84E-01	1.93E-02	7.41E+00	7.39E-01	1.59E+00	1.62E-01	2.62E-01	2.85E-02	0.00E+00	0.00E+00	1.12E-05	2.74E-06
1.59E+00	2.13E-01	2.78E+00	3.23E-01	7.10E-01	8.71E-02	1.92E-01	2.40E-02	8.44E+00	8.45E-01	1.46E+00	1.95E-01	2.81E-01	3.64E-02	0.00E+00	0.00E+00	9.65E-06	1.41E-06
1.94E+00	3.09E-01	3.11E+00	4.92E-01	7.99E-01	1.29E-01	2.00E-01	3.23E-02	9.09E+00	1.33E+00	1.83E+00	2.87E-01	2.91E-01	4.68E-02	0.00E+00	0.00E+00	1.05E-05	1.81E-06
1.77E+00	2.76E-01	2.81E+00	4.36E-01	7.67E-01	1.12E-01	1.87E-01	2.87E-02	7.70E+00	1.21E+00	1.65E+00	2.58E-01	2.67E-01	4.21E-02	0.00E+00	0.00E+00	1.12E-05	1.70E-06
1.27E+00	2.25E-01	1.94E+00	3.58E-01	5.57E-01	8.93E-02	1.49E-01	2.52E-02	5.66E+00	1.01E+00	1.17E+00	2.10E-01	2.57E-01	3.87E-02	0.00E+00	0.00E+00	1.02E-05	3.25E-06
1.10E+00	2.06E-01	1.81E+00	3.00E-01	7.99E-01	9.12E-02	2.09E-01	2.54E-02	5.62E+00	7.00E-01	1.03E+00	1.81E-01	2.66E-01	3.80E-02	0.00E+00	0.00E+00	1.13E-05	3.20E-06
1.20E+00	2.12E-01	1.60E+00	3.17E-01	8.67E-01	9.11E-02	2.37E-01	2.45E-02	4.55E+00	8.24E-01	9.68E-01	1.92E-01	2.96E-01	3.60E-02	0.00E+00	0.00E+00	1.14E-05	2.60E-06
1.20E+00	2.54E-01	1.79E+00	3.85E-01	7.23E-01	9.89E-02	1.82E-01	2.92E-02	5.39E+00	9.47E-01	1.06E+00	2.19E-01	2.61E-01	4.39E-02	0.00E+00	0.00E+00	1.46E-05	1.63E-06
1.51E+00	3.46E-01	2.19E+00	5.45E-01	6.72E-01	1.49E-01	1.86E-01	3.85E-02	5.45E+00	1.30E+00	1.32E+00	3.06E-01	2.86E-01	5.48E-02	0.00E+00	0.00E+00	1.26E-05	2.34E-06
1.53E+00	3.77E-01	2.42E+00	6.15E-01	6.60E-01	1.74E-01	1.59E-01	3.97E-02	7.80E+00	1.58E+00	1.43E+00	3.44E-01	2.45E-01	5.36E-02	0.00E+00	0.00E+00	1.38E-05	1.75E-06
1.26E+00	2.08E-01	2.02E+00	2.88E-01	6.20E-01	8.59E-02	1.33E-01	2.74E-02	5.48E+00	8.00E-01	1.16E+00	1.74E-01	2.19E-01	4.37E-02	0.00E+00	0.00E+00	2.14E-05	1.98E-06
1.13E+00	2.00E-01	1.93E+00	2.80E-01	5.52E-01	8.43E-02	1.24E-01	2.57E-02	5.97E+00	7.23E-01	1.10E+00	1.71E-01	2.12E-01	3.89E-02	0.00E+00	0.00E+00	1.51E-05	2.22E-06
1.21E+00	1.77E-01	1.94E+00	2.69E-01	6.20E-01	8.73E-02	1.46E-01	2.13E-02	5.16E+00	6.35E-01	1.12E+00	1.57E-01	2.09E-01	3.09E-02	0.00E+00	0.00E+00	1.10E-05	2.24E-06
1.28E+00	1.54E-01	2.18E+00	2.55E-01	7.69E-01	8.62E-02	1.38E-01	1.80E-02	7.53E+00	6.63E-01	1.20E+00	1.43E-01	2.02E-01	2.98E-02	0.00E+00	0.00E+00	1.49E-05	2.59E-06
1.38E+00	1.45E-01	2.68E+00	2.28E-01	6.97E-01	7.41E-02	1.12E-01	1.82E-02	9.65E+00	6.68E-01	1.50E+00	1.28E-01	2.18E-01	3.25E-02	0.00E+00	0.00E+00	1.46E-05	3.04E-06
1.56E+00	1.43E-01	3.02E+00	2.00E-01	7.41E-01	5.71E-02	1.77E-01	1.99E-02	1.07E+01	6.10E-01	1.69E+00	1.23E-01	2.65E-01	3.63E-02	0.00E+00	0.00E+00	1.66E-05	1.64E-06
2.25E+00	1.43E-01	3.62E+00	1.96E-01	9.90E-01	6.75E-02	2.30E-01	2.01E-02	1.04E+01	5.90E-01	2.15E+00	1.23E-01	3.18E-01	3.48E-02	0.00E+00	0.00E+00	1.42E-05	1.90E-06
2.28E+00	1.46E-01	3.77E+00	2.19E-01	1.00E+00	7.43E-02	2.16E-01	1.92E-02	1.14E+01	6.29E-01	2.23E+00	1.31E-01	2.85E-01	3.19E-02	0.00E+00	0.00E+00	1.91E-05	2.07E-06
1.62E+00	1.57E-01	2.64E+00	2.17E-01	7.63E-01	7.20E-02	1.60E-01	2.05E-02	8.66E+00	5.47E-01	1.59E+00	1.37E-01	2.82E-01	3.64E-02	0.00E+00	0.00E+00	1.83E-05	2.04E-06
1.35E+00	1.88E-01	2.13E+00	2.56E-01	6.82E-01	6.86E-02	1.69E-01	2.36E-02	7.46E+00	5.96E-01	1.24E+00	1.62E-01	3.01E-01	4.11E-02	0.00E+00	0.00E+00	1.40E-05	1.36E-06
1.32E+00	1.82E-01	1.97E+00	2.62E-01	6.56E-01	6.81E-02	2.11E-01	2.70E-02	5.22E+00	6.67E-01	1.18E+00	1.62E-01	3.65E-01	5.01E-02	0.00E+00	0.00E+00	1.01E-05	1.27E-06
1.39E+00	1.98E-01	1.96E+00	2.36E-01	6.46E-01	6.90E-02	2.30E-01	2.87E-02	6.54E+00	6.24E-01	1.16E+00	1.55E-01	4.22E-01	5.14E-02	0.00E+00	0.00E+00	1.12E-05	1.69E-06
1.94E+00	2.23E-01	2.51E+00	2.61E-01	8.32E-01	6.78E-02	2.77E-01	3.29E-02	6.14E+00	5.84E-01	1.58E+00	1.77E-01	4.41E-01	5.85E-02	0.00E+00	0.00E+00	9.03E-06	1.79E-06
2.05E+00	3.30E-01	3.47E+00	4.72E-01	1.12E+00	1.31E-01	2.26E-01	4.03E-02	9.90E+00	1.14E+00	1.98E+00	2.89E-01	4.17E-01	6.06E-02	0.00E+00	0.00E+00	9.77E-06	1.75E-06
2.18E+00	3.15E-01	3.16E+00	5.25E-01	9.81E-01	1.48E-01	2.82E-01	3.65E-02	9.82E+00	1.55E+00	1.86E+00	3.03E-01	4.81E-01	6.40E-02	0.00E+00	0.00E+00	9.38E-06	2.98E-06
2.95E+00	2.44E-01	4.47E+00	3.76E-01	1.16E+00	1.16E-01	3.20E-01	3.48E-02	1.25E+01	1.18E+00	2.74E+00	2.08E-01	5.56E-01	5.95E-02	0.00E+00	0.00E+00	1.04E-05	3.11E-06
2.19E+00	1.79E-01	3.77E+00	2.74E-01	1.07E+00	1.01E-01	2.63E-01	2.18E-02	1.17E+01	7.54E-01	2.18E+00	1.66E-01	4.21E-01	3.46E-02	0.00E+00	0.00E+00	1.05E-05	2.69E-06
1.91E+00	1.93E-01	2.28E+00	2.80E-01	1.03E+00	1.29E-01	2.72E-01	2.76E-02	6.44E+00	6.89E-01	1.52E+00	1.54E-01	4.63E-01	4.75E-02	0.00E+00	0.00E+00	1.11E-05	1.73E-06
1.52E+00	1.82E-01	2.45E+00	3.33E-01	1.12E+00	1.54E-01	2.27E-01	2.49E-02	8.24E+00	8.73E-01	1.36E+00	1.68E-01	4.13E-01	3.99E-02	0.00E+00	0.00E+00	1.34E-05	1.98E-06
1.68E+00	1.66E-01	2.90E+00	3.25E-01	7.30E-01	8.17E-02	1.80E-01	1.44E-02	9.37E+00	1.17E+00	1.69E+00	1.81E-01	3.42E-01	2.68E-02	0.00E+00	0.00E+00	9.70E-06	1.91E-06
1.40E+00	1.19E-01	2.00E+00	2.30E-01	7.13E-01	4.86E-02	1.93E-01	1.48E-02	9.16E+00	1.01E+00	1.18E+00	1.37E-01	3.32E-01	2.34E-02	0.00E+00	0.00E+00	1.23E-05	1.45E-06
1.66E+00	1.42E-01	2.52E+00	2.23E-01	8.55E-01	6.55E-02	2.08E-01	1.56E-02	6.85E+00	5.85E-01	1.49E+00	1.32E-01	2.97E-01	2.25E-02	0.00E+00	0.00E+00	1.93E-05	1.91E-06
1.97E+00	1.55E-01	3.06E+00	2.32E-01	8.38E-01	6.09E-02	2.14E-01	1.75E-02	8.35E+00	6.19E-01	1.82E+00	1.42E-01	3.32E-01	2.64E-02	0.00E+00	0.00E+00	1.31E-05	2.03E-06
1.79E+00	1.43E-01	2.57E+00	2.08E-01	7.45E-01	5.86E-02	2.20E-01	1.71E-02	6.07E+00	5.13E-01	1.57E+00	1.26E-01	3.34E-01	2.56E-02	0.00E+00	0.00E+00	9.94E-06	2.33E-06
1.72E+00	1.70E-01	2.71E+00	2.38E-01	7.55E-01	6.91E-02	1.89E-01	2.15E-02	7.69E+00	5.91E-01	1.60E+00	1.47E-01	3.21E-01	3.34E-02	0.00E+00	0.00E+00	1.25E-05	2.62E-06
1.58E+00	1.78E-01	2.25E+00	2.54E-01	8.72E-01	6.98E-02	2.08E-01	2.18E-02	5.52E+00	6.06E-01	1.34E+00	1.56E-01	3.15E-01	3.48E-02	0.00E+00	0.00E+00	1.42E-05	2.32E-06
1.61E+00	1.91E-01	2.41E+00	2.93E-01	9.33E-01	8.51E-02	1.89E-01	2.18E-02	6.90E+00	7.47E-01	1.44E+00	1.75E-01	2.82E-01	3.25E-02	0.00E+00	0.00E+00	1.54E-05	1.99E-06
1.22E+00	1.51E-01	2.46E+00	2.29E-01	7.62E-01	6.21E-02	1.67E-01	1.76E-02	8.16E+00	6.91E-01	1.31E+00	1.41E-01	3.01E-01	2.80E-02	0.00E+00	0.00E+00	1.44E-05	1.65E-06
1.06E+00	1.26E-01	2.12E+00	1.79E-01	5.50E-01	5.07E-02	1.62E-01	1.81E-02	8.28E+00	4.67E-01	1.18E+00	1.08E-01	3.20E-01	3.23E-02	0.00E+00	0.00E+00	1.29E-05	2.03E-06
1.05E+00	1.26E-01	1.60E+00	2.05E-01	4.87E-01	6.55E-02	2.08E-01	1.86E-02	7.03E+00	5.28E-01	9.24E-01	1.21E-01	3.71E-01	3.28E-02	0.00E+00	0.00E+00	1.61E-05	2.09E-06
9.58E-01	1.35E-01	1.54E+00	2.44E-01	4.77E-01	6.99E-02	1.58E-01	1.89E-02	4.96E+00	7.42E-01	8.51E-01	1.37E-01	2.96E-01	3.22E-02	0.00E+00	0.00E+00	1.64E-05	1.91E-06
9.25E-01	1.35E-01	1.51E+00	1.90E-01	4.72E-01	5.14E-02	1.50E-01	1.92E-02	4.50E+00	5.81E-01	8.46E-01	1.09E-01	2.61E-01	3.16E-02	0.00E+00	0.00E+00	1.75E-05	1.50E-06
1.01E+00	1.53E-01	1.49E+00	1.83E-01	5.21E-01	5.20E-02	1.36E-01	2.11E-02	4.09E+00	4.31E-01	8.99E-01	1.23E-01	2.48E-01	3.50E-02	0.00E+00	0.00E+00	1.45E-05	1.60E-06
1.17E+00	1.68E-01	1.59E+00	2.04E-01	5.96E-01	5.74E-02	1.86E-01	2.36E-02	4.08E+00	5.46E-01	9.25E-01	1.33E-01	3.32E-01	4.03E-02	0.00E+00	0.00E+00	3.14E-05	3.14E-06
1.25E+00	1.63E-01	1.76E+00	2.03E-01	5.16E-01	5.67E-02	2.07E-01	2.28E-02	5.40E+00	5.70E-01	1.10E+00	1.30E-01	3.98E-01	4.04E-02	0.00E+00	0.00E+00	3.89E-05	3.34E-06
1.06E+00	1.72E-01	1.64E+00	2.54E-01	5.08E-01	6.81E-02	1.65E-01	1.97E-02	5.29E+00	6.64E-01	8.96E-01	1.57E-01	3.54E-01	3.30E-02	0.00E+00	0.00E+00	4.21E-05	3.44E-06
1.33E+00	1.71E-01	1.94E+00	2.59E-01	5.79E-01	6.79E-02	1.55E-01	1.88E-02	5.07E+00	7.05E-01	1.18E+00	1.59E-01	2.36E-01	2.84E-02	0.00E+00	0.00E+00	3.75E-05	3.40E-06
1.64E+00	1.54E-01	2.43E+00	2.26E-01	8.20E-01	1.03E-01	2.08E-01	2.34E-02	5.98E+00	6.54E-01	1.36E+00	1.37E-01	3.06E-01	3.74E-02	0.00E+00	0.00E+00	2.92E-05	3.23E-06
2.02E+00	2.07E-01	3.04E+00	2.79E-01	1.11E+00	1.32E-01	2.35E-01	2.87E-02	7.97E+00	5.30E-01	1.81E+00	1.70E-01	3.28E-01	4.29E-02	0.00E+00	0.00E+00	2.80E-05	2.99E-06
1.26E+00	1.76E-01	1.97E+00	2.65E-01	1.16E+00	1.05E-01	1.63E-01	2.08E-02	5.87E+00	6.52E-01	1.21E+00	1.58E-01	2.64E-01	2.99E-02	0.00E+00	0.00E+00	2.80E-05	2.69E-06
1.66E+00	1.80E-01	2.47E+00	2.71E-01	6.94E-01	7.12E-02	1.93E-01	2.03E-02	6.19E+00	7.09E-01	1.47E+00	1.62E-01	2.82E-01	3.02E-02	0.00E+00	0.00E+00	2.74E-05	2.36E-06
1.57E+00	2.04E-01	2.82E+00	3.17E-01	8.35E-01	7.85E-02	1.71E-01	2.15E-02	8.26E+00	8.66E-01	1.53E+00	1.87E-01	2.65E-01	3.26E-02	0.00E+00	0.00E+00	2.57E-05	2.36E-06
1.86E+00	2.77E-01	2.83E+00	4.30E-01	7.94E-01	1.14E-01	2.12E-01	3.00E-02	7.54E+00	1.14E+00	1.66E+00	2.55E-01	3.05E-01	4.46E-02	0.00E+00	0.00E+00	2.44E-05	2.68E-06
1.96E+00	3.18E-01	3.04E+00	5.11E-01	8.59E-01	1.31E-01	2.17E-01	3.26E-02	8.88E+00	1.40E+00	1.79E+00	2.96E-01	3.14E-01	4.68E-02	0.00E+00	0.00E+00	2.48E-05	2.82E-06
1.43E+00	2.54E-01	2.33E+00	4.04E-01	6.83E-01	1.01E-01	1.67E-01	2.83E-02	6.96E+00	1.14E+00	1.37E+00	2.38E-01	3.01E-01	4.37E-02	0.00E+00	0.00E+00	3.55E-05	2.70E-06
1.26E+00	2.36E-01	2.06E+00	3.42E-01	9.10E-01	1.03E-01	2.47E-01	2.91E-02	5.75E+00	7.95E-01	1.18E+00	2.07E-01	3.16E-01	4.38E-02	0.00E+00	0.00E+00	4.71E-05	3.19E-06
1.33E+00	2.36E-01	1.85E+00	3.52E-01	9.18E-01	9.99E-02	2.59E-01	2.73E-02	4.88E+00	9.14E-01	1.12E+00	2.13E-01	3.26E-01	4.04E-02	0.00E+00	0.00E+00	5.60E-05	3.52E-06
1.39E+00	2.87E-01	2.03E+00	4.34E-01	6.27E-01	1.11E-01	1.85E-01	3.32E-02	5.94E+00	1.04E+00	1.23E+00	2.46E-01	2.82E-01	5.01E-02	0.00E+00	0.00E+00	5.96E-05	3.68E-06
1.61E+00	3.69E-01	2.28E+00	5.79E-01	6.70E-01	1.57E-01	2.02E-01	4.12E-02	5.68E+00	1.36E+00	1.39E+00	3.24E-01	3.16E-01	5.91E-02	0.00E+00	0.00E+00	5.63E-05	3.69E-06
1.69E+00	3.96E-01	2.61E+00	6.45E-01	7.16E-01	1.80E-01	1.84E-01	4.20E-02	7.30E+00	1.63E+00	1.56E+00	3.60E-01	2.67E-01	5.72E-02	0.00E+00	0.00E+00	4.70E-05	3.47E-06
1.44E+00	3.34E-01	2.26E+00	5.57E-01	6.18E-01	1.56E-01	1.58E-01	3.34E-02	7.91E+00	1.53E+00	1.35E+00	3.13E-01	2.34E-01	4.44E-02	0.00E+00	0.00E+00	3.45E-05	3.05E-06

Scenario 4 Results

1.14E+00	2.11E-01	1.71E+00	3.35E-01	5.85E-01	9.14E-02	1.39E-01	2.66E-02	6.52E+00	1.01E+00	1.00E+00	1.95E-01	2.59E-01	4.40E-02	0.00E+00	0.00E+00	2.95E-05	2.66E-06
1.29E+00	2.15E-01	2.08E+00	3.05E-01	6.25E-01	8.62E-02	1.39E-01	2.86E-02	5.56E+00	8.39E-01	1.19E+00	1.79E-01	2.14E-01	4.62E-02	0.00E+00	0.00E+00	3.07E-05	2.48E-06
1.19E+00	2.09E-01	2.03E+00	2.89E-01	5.59E-01	8.55E-02	1.40E-01	2.71E-02	6.26E+00	7.59E-01	1.16E+00	1.78E-01	2.36E-01	4.16E-02	0.00E+00	0.00E+00	3.49E-05	2.28E-06
1.35E+00	1.90E-01	2.52E+00	2.86E-01	6.95E-01	9.25E-02	1.60E-01	2.31E-02	8.73E+00	6.70E-01	1.40E+00	1.68E-01	2.26E-01	3.32E-02	0.00E+00	0.00E+00	3.95E-05	2.48E-06
1.58E+00	1.63E-01	3.03E+00	2.68E-01	8.34E-01	9.07E-02	1.48E-01	1.95E-02	1.02E+01	6.88E-01	1.67E+00	1.51E-01	2.04E-01	3.24E-02	0.00E+00	0.00E+00	4.27E-05	2.87E-06
1.65E+00	1.54E-01	3.12E+00	2.39E-01	8.40E-01	7.87E-02	1.20E-01	1.97E-02	1.03E+01	6.86E-01	1.73E+00	1.36E-01	2.30E-01	3.36E-02	0.00E+00	0.00E+00	4.42E-05	3.31E-06
1.77E+00	1.52E-01	2.93E+00	2.07E-01	7.85E-01	5.91E-02	2.05E-01	2.08E-02	9.45E+00	6.33E-01	1.64E+00	1.30E-01	3.07E-01	3.80E-02	0.00E+00	0.00E+00	4.41E-05	3.88E-06
2.55E+00	1.54E-01	4.09E+00	2.17E-01	1.13E+00	7.64E-02	2.62E-01	2.18E-02	1.16E+01	6.21E-01	2.42E+00	1.32E-01	3.60E-01	3.80E-02	0.00E+00	0.00E+00	4.24E-05	4.41E-06
2.61E+00	1.66E-01	4.36E+00	2.46E-01	1.15E+00	8.79E-02	2.44E-01	2.16E-02	1.33E+01	7.11E-01	2.56E+00	1.46E-01	3.18E-01	3.62E-02	0.00E+00	0.00E+00	4.09E-05	4.51E-06
1.77E+00	1.70E-01	2.92E+00	2.35E-01	8.11E-01	7.59E-02	1.70E-01	2.20E-02	9.25E+00	5.85E-01	1.74E+00	1.48E-01	3.02E-01	3.87E-02	0.00E+00	0.00E+00	3.76E-05	4.17E-06
1.30E+00	1.89E-01	1.99E+00	2.57E-01	7.00E-01	6.93E-02	1.65E-01	2.38E-02	6.42E+00	6.02E-01	1.20E+00	1.64E-01	2.94E-01	4.32E-02	0.00E+00	0.00E+00	3.26E-05	3.43E-06
1.43E+00	2.00E-01	2.21E+00	2.88E-01	7.27E-01	7.71E-02	2.15E-01	3.01E-02	6.22E+00	7.45E-01	1.31E+00	1.75E-01	3.71E-01	5.54E-02	0.00E+00	0.00E+00	2.87E-05	4.03E-06
1.75E+00	2.22E-01	2.06E+00	2.59E-01	7.36E-01	7.83E-02	2.79E-01	3.17E-02	7.41E+00	6.70E-01	1.29E+00	1.75E-01	4.84E-01	5.59E-02	0.00E+00	0.00E+00	2.53E-05	5.03E-06
2.11E+00	2.94E-01	3.05E+00	3.75E-01	1.04E+00	9.93E-02	2.72E-01	4.02E-02	6.80E+00	7.36E-01	1.83E+00	2.43E-01	4.43E-01	6.69E-02	0.00E+00	0.00E+00	2.88E-05	3.01E-06
1.93E+00	3.58E-01	3.34E+00	5.50E-01	1.03E+00	1.53E-01	2.70E-01	3.94E-02	1.06E+01	1.49E+00	1.88E+00	3.27E-01	4.50E-01	6.77E-02	0.00E+00	0.00E+00	3.32E-05	3.45E-06
2.67E+00	2.67E-01	3.82E+00	4.54E-01	9.48E-01	1.34E-01	3.10E-01	3.95E-02	9.96E+00	1.39E+00	2.39E+00	2.57E-01	5.41E-01	6.94E-02	0.00E+00	0.00E+00	4.17E-05	3.73E-06
2.68E+00	2.11E-01	4.45E+00	3.17E-01	1.24E+00	1.13E-01	2.59E-01	2.79E-02	1.34E+01	8.95E-01	2.61E+00	1.90E-01	4.58E-01	4.56E-02	0.00E+00	0.00E+00	4.44E-05	3.82E-06
1.96E+00	1.88E-01	2.40E+00	2.84E-01	1.08E+00	1.22E-01	2.76E-01	2.67E-02	6.95E+00	7.05E-01	1.58E+00	1.54E-01	4.61E-01	4.62E-02	0.00E+00	0.00E+00	3.85E-05	3.69E-06
1.68E+00	2.01E-01	2.38E+00	3.27E-01	1.06E+00	1.62E-01	2.41E-01	2.85E-02	7.47E+00	8.72E-01	1.34E+00	1.63E-01	4.25E-01	4.73E-02	0.00E+00	0.00E+00	3.17E-05	3.44E-06
1.84E+00	1.78E-01	3.13E+00	3.48E-01	8.91E-01	1.06E-01	1.87E-01	1.71E-02	9.70E+00	1.16E+00	1.82E+00	1.89E-01	3.49E-01	3.10E-02	0.00E+00	0.00E+00	3.02E-05	3.17E-06
1.52E+00	1.43E-01	2.23E+00	2.77E-01	7.63E-01	5.43E-02	2.22E-01	1.55E-02	9.97E+00	1.20E+00	1.30E+00	1.64E-01	3.72E-01	2.53E-02	0.00E+00	0.00E+00	3.06E-05	2.84E-06
1.76E+00	1.48E-01	2.74E+00	2.32E-01	9.18E-01	6.94E-02	2.26E-01	1.66E-02	7.90E+00	5.92E-01	1.55E+00	1.37E-01	3.26E-01	2.39E-02	0.00E+00	0.00E+00	2.99E-05	2.43E-06
2.13E+00	1.70E-01	3.28E+00	2.56E-01	9.15E-01	6.71E-02	2.34E-01	1.89E-02	8.83E+00	6.87E-01	1.95E+00	1.55E-01	3.68E-01	2.84E-02	0.00E+00	0.00E+00	2.76E-05	2.52E-06
1.91E+00	1.59E-01	2.75E+00	2.32E-01	7.98E-01	6.54E-02	2.34E-01	1.89E-02	6.93E+00	5.74E-01	1.68E+00	1.41E-01	3.55E-01	2.82E-02	0.00E+00	0.00E+00	2.57E-05	2.71E-06
1.85E+00	1.88E-01	2.93E+00	2.65E-01	8.40E-01	7.74E-02	2.05E-01	2.37E-02	8.33E+00	6.48E-01	1.73E+00	1.63E-01	3.55E-01	3.65E-02	0.00E+00	0.00E+00	3.25E-05	2.82E-06
1.67E+00	1.94E-01	2.45E+00	2.78E-01	1.02E+00	7.61E-02	2.16E-01	2.41E-02	6.11E+00	6.71E-01	1.44E+00	1.71E-01	3.20E-01	3.78E-02	0.00E+00	0.00E+00	4.55E-05	3.18E-06
1.74E+00	2.05E-01	2.63E+00	3.15E-01	1.02E+00	8.98E-02	2.02E-01	2.30E-02	7.43E+00	8.24E-01	1.56E+00	1.88E-01	3.02E-01	3.54E-02	0.00E+00	0.00E+00	5.65E-05	3.61E-06
1.20E+00	1.49E-01	2.40E+00	2.21E-01	7.26E-01	6.24E-02	1.82E-01	1.74E-02	7.92E+00	6.38E-01	1.28E+00	1.34E-01	3.27E-01	2.94E-02	0.00E+00	0.00E+00	6.19E-05	3.84E-06
1.04E+00	1.26E-01	2.07E+00	1.77E-01	5.27E-01	4.90E-02	1.82E-01	1.94E-02	8.06E+00	4.61E-01	1.16E+00	1.07E-01	3.24E-01	3.46E-02	0.00E+00	0.00E+00	5.94E-05	3.88E-06
1.16E+00	1.37E-01	1.67E+00	2.33E-01	5.23E-01	7.26E-02	2.27E-01	2.03E-02	7.27E+00	6.38E-01	9.64E-01	1.35E-01	4.06E-01	3.58E-02	0.00E+00	0.00E+00	4.95E-05	3.67E-06
1.07E+00	1.37E-01	1.61E+00	2.48E-01	5.39E-01	7.02E-02	1.45E-01	2.02E-02	4.85E+00	7.63E-01	9.28E-01	1.38E-01	2.82E-01	3.42E-02	0.00E+00	0.00E+00	3.57E-05	3.21E-06
1.04E+00	1.51E-01	1.55E+00	1.85E-01	4.82E-01	4.85E-02	1.58E-01	2.09E-02	4.91E+00	5.37E-01	8.79E-01	1.22E-01	2.87E-01	3.44E-02	0.00E+00	0.00E+00	3.04E-05	2.67E-06
1.04E+00	1.75E-01	1.58E+00	2.09E-01	6.15E-01	6.03E-02	1.71E-01	2.41E-02	4.47E+00	5.20E-01	9.42E-01	1.41E-01	2.99E-01	4.01E-02	0.00E+00	0.00E+00	3.17E-05	2.47E-06
1.29E+00	1.85E-01	1.91E+00	2.17E-01	5.75E-01	5.85E-02	2.39E-01	2.60E-02	5.41E+00	6.15E-01	1.13E+00	1.47E-01	4.33E-01	4.47E-02	0.00E+00	0.00E+00	3.77E-05	2.37E-06
1.28E+00	1.67E-01	1.70E+00	2.46E-01	6.10E-01	6.79E-02	2.21E-01	2.28E-02	5.52E+00	6.30E-01	1.09E+00	1.52E-01	4.41E-01	4.07E-02	0.00E+00	0.00E+00	4.26E-05	2.61E-06
1.27E+00	1.85E-01	1.82E+00	2.77E-01	5.98E-01	7.34E-02	1.63E-01	2.07E-02	5.69E+00	7.41E-01	1.09E+00	1.70E-01	3.24E-01	3.14E-02	0.00E+00	0.00E+00	4.56E-05	2.96E-06
1.39E+00	1.64E-01	2.20E+00	2.56E-01	6.43E-01	8.37E-02	1.72E-01	1.87E-02	6.32E+00	7.22E-01	1.30E+00	1.56E-01	2.91E-01	3.13E-02	0.00E+00	0.00E+00	4.66E-05	3.61E-06
1.96E+00	1.93E-01	2.89E+00	2.45E-01	9.34E-01	1.19E-01	2.43E-01	2.83E-02	6.78E+00	5.74E-01	1.68E+00	1.51E-01	3.29E-01	4.37E-02	0.00E+00	0.00E+00	4.55E-05	4.23E-06
1.67E+00	2.04E-01	2.56E+00	2.94E-01	1.24E+00	1.27E-01	2.03E-01	2.61E-02	7.15E+00	6.44E-01	1.55E+00	1.75E-01	3.22E-01	3.78E-02	0.00E+00	0.00E+00	4.34E-05	4.55E-06
1.89E+00	2.03E-01	2.76E+00	3.03E-01	1.00E+00	8.53E-02	2.25E-01	2.33E-02	6.73E+00	7.77E-01	1.65E+00	1.82E-01	3.34E-01	3.49E-02	0.00E+00	0.00E+00	4.09E-05	4.36E-06
1.68E+00	2.11E-01	2.62E+00	3.25E-01	7.80E-01	8.23E-02	1.82E-01	2.28E-02	6.98E+00	8.78E-01	1.54E+00	1.93E-01	2.58E-01	3.39E-02	0.00E+00	0.00E+00	3.64E-05	3.79E-06
1.81E+00	2.63E-01	2.99E+00	3.98E-01	8.01E-01	1.07E-01	2.24E-01	2.95E-02	8.75E+00	1.04E+00	1.55E+00	2.40E-01	3.32E-01	4.48E-02	0.00E+00	0.00E+00	3.10E-05	3.87E-06
1.73E+00	3.15E-01	2.84E+00	5.01E-01	7.88E-01	1.29E-01	2.06E-01	3.28E-02	7.84E+00	1.36E+00	1.60E+00	2.92E-01	3.10E-01	4.77E-02	0.00E+00	0.00E+00	2.70E-05	4.92E-06
1.70E+00	2.78E-01	2.71E+00	4.44E-01	8.88E-01	1.08E-01	1.85E-01	2.90E-02	7.61E+00	1.21E+00	1.60E+00	2.56E-01	3.52E-01	4.53E-02	0.00E+00	0.00E+00	2.59E-05	5.91E-06
1.47E+00	2.76E-01	2.39E+00	4.01E-01	1.03E+00	1.19E-01	2.89E-01	3.42E-02	6.85E+00	9.19E-01	1.37E+00	2.41E-01	3.75E-01	5.17E-02	0.00E+00	0.00E+00	2.49E-05	3.65E-06
1.63E+00	2.90E-01	2.31E+00	4.34E-01	1.07E+00	1.22E-01	3.13E-01	3.32E-02	5.85E+00	1.13E+00	1.40E+00	2.63E-01	3.98E-01	4.93E-02	0.00E+00	0.00E+00	2.38E-05	3.30E-06
1.53E+00	3.32E-01	2.26E+00	5.03E-01	6.04E-01	1.28E-01	1.85E-01	3.86E-02	6.38E+00	1.14E+00	1.37E+00	2.84E-01	3.14E-01	5.81E-02	0.00E+00	0.00E+00	3.37E-05	3.83E-06
1.83E+00	4.16E-01	2.59E+00	6.57E-01	7.45E-01	1.79E-01	2.29E-01	4.63E-02	6.23E+00	1.54E+00	1.59E+00	3.66E-01	3.56E-01	6.62E-02	0.00E+00	0.00E+00	4.32E-05	4.10E-06
1.82E+00	4.26E-01	2.84E+00	6.97E-01	7.80E-01	1.95E-01	1.97E-01	4.48E-02	7.73E+00	1.77E+00	1.69E+00	3.88E-01	2.86E-01	6.08E-02	0.00E+00	0.00E+00	4.60E-05	4.12E-06
1.50E+00	3.37E-01	2.37E+00	5.63E-01	6.55E-01	1.57E-01	1.63E-01	3.35E-02	7.08E+00	1.55E+00	1.40E+00	3.17E-01	2.48E-01	4.96E-02	0.00E+00	0.00E+00	3.80E-05	4.00E-06
1.41E+00	3.04E-01	2.21E+00	4.01E-01	6.09E-01	1.03E-01	1.45E-01	3.79E-02	6.48E+00	1.14E+00	1.32E+00	2.60E-01	2.45E-01	6.40E-02	0.00E+00	0.00E+00	3.38E-05	3.78E-06
9.63E-01	2.18E-01	1.89E+00	3.76E-01	6.26E-01	1.06E-01	1.34E-01	2.42E-02	5.85E+00	1.22E+00	9.97E-01	2.08E-01	2.93E-01	3.75E-02	0.00E+00	0.00E+00	3.40E-05	3.45E-06
1.15E+00	2.22E-01	1.72E+00	3.44E-01	6.04E-01	9.20E-02	1.43E-01	2.74E-02	6.36E+00	1.09E+00	1.00E+00	2.03E-01	2.47E-01	4.58E-02	0.00E+00	0.00E+00	3.44E-05	2.99E-06
1.34E+00	2.26E-01	2.13E+00	3.35E-01	6.47E-01	9.28E-02	1.47E-01	3.03E-02	6.41E+00	9.12E-01	1.23E+00	1.95E-01	2.31E-01	4.93E-02	0.00E+00	0.00E+00	3.27E-05	2.56E-06
1.40E+00	2.24E-01	2.64E+00	3.05E-01	7.41E-01	8.80E-02	1.52E-01	2.93E-02	8.56E+00	8.09E-01	1.46E+00	1.89E-01	2.54E-01	4.56E-02	0.00E+00	0.00E+00	2.87E-05	2.77E-06
1.64E+00	2.02E-01	3.04E+00	2.97E-01	8.72E-01	9.42E-02	1.71E-01	2.50E-02	9.49E+00	6.94E-01	1.68E+00	1.76E-01	2.41E-01	3.58E-02	0.00E+00	0.00E+00	2.90E-05	2.91E-06
1.67E+00	1.74E-01	2.98E+00	2.81E-01	8.71E-01	9.46E-02	1.56E-01	2.09E-02	9.16E+00	7.09E-01	1.67E+00	1.59E-01	2.16E-01	3.45E-02	0.00E+00	0.00E+00	4.34E-05	3.09E-06
1.57E+00	1.63E-01	2.72E+00	2.53E-01	7.68E-01	8.39E-02	1.39E-01	2.10E-02	8.33E+00	7.02E-01	1.55E+00	1.43E-01	2.36E-01	3.58E-02	0.00E+00	0.00E+00	5.71E-05	3.60E-06
1.94E+00	1.65E-01	2.85E+00	2.23E-01	8.12E-01	6.61E-02	2.29E-01	2.18E-02	7.38E+00	6.80E-01	1.74E+00	1.42E-01	3.45E-01	3.99E-02	0.00E+00	0.00E+00	6.50E-05	3.90E-06
2.87E+00	1.74E-01	4.60E+00	2.44E-01	1.28E+00	9.02E-02	2.97E-01	2.46E-02	1.29E+01	7.16E-01	2.72E+00	1.49E-01	4.07E-01	4.28E-02	0.00E+00	0.00E+00	6.36E-05	3.99E-06
2.88E+00	1.78E-01	4.82E+00	2.63E-01	1.28E+00	9.53E-02	2.70E-01	2.32E-02	1.47E+01	7.60E-01	2.82E+00	1.56E-01	3.49E-01	3.87E-02	0.00E+00	0.00E+00	5.29E-05	3.79E-06
1.89E+00	1.76E-01	3.13E+00	2.43E-01	8.11E-01	7.52E-02	1.73E-01	2.29E-02	9.97E+00	5.98E-01	1.87E+00	1.53E-01	3.10E-01	4.00E-02	0.00E+00	0.00E+00	3.72E-05	3.30E-06
1.31E+00	2.07E-01	2.02E+00	2.85E-01	7.16E-01	7.69E-02	1.76E-01	2.61E-02	6.59E+00	6.85E-01	1.21E+00	1.80E-01	3.13E-01	4.87E-02	0.00E+00	0.00E+00	3.12E-05	2.69E-06
1.49E+00	2.20E-01	2.34E+00	2.99E-01	7.35E-01	8.25E-02	2.16E-01	3.30E-02	6.95E+00	7.76E-01	1.37E+00	1.80E-01	4.10E-01	6.05E-02	0.00E+00	0.00E+00	3.38E-05	2.43E-06
2.10E+00	2.53E-01	2.50E+00	3.01E-01	7.93E-01	8.56E-02	3.17E-01	3.52E-02	7.82E+00	6.99E-01	1.63E+00	2.04E-01	5.16E-01	6.30E-02	0.00E+00	0.00E+00	4.05E-05	2.43E-06
2.22E+00	3.69E-01	3.56E+00	5.18E-01	1.18E+00	1.42E-01	2.67E-01	4.59E-02	9.45E+00	1.22E+00	2.06E+00	3.20E-01	5.04E-01	7.10E-02	0.00E+00	0.00E+00	4.57E-05	2.81E-06
2.20E+00	3.25E-01	3.14E+00	5.34E-01	9.59E-01	1.52E-01	2.77E-01	4.32E-02	9.66E+00	1.55E+00	1.90E+00	3.10E-01	5.43E-01	7.75E-02	0.00E+00	0.00E+00	4.85E-05	3.22E-06
2.97E+00	2.44E-01	4.72E+00	3.47E-01	1.29E+00	1.14E-01	3.06E-01	3.44E-02	1.37E+01	1.06E+00	2.82E+00	2.09E-01	5.45E-01	5.88E-02	0.00E+00	0.00E+00	4.88E-05	4.07E-06
1.91E+00	1.77E-01	2.81E+00	2.88E-01	1.01E+00	1.20E-01	2.68E-01	2.45E-02	8.14E+00	7.03E-01	1.68E+00	1.63E-01	4.46E-01	4.23E-02	0.00E+00	0.00E+00	4.68E-05	4.65E-06
1.80E+00	2.14E-01	2.27E+00	3.23E-01	9.38E-01	1.63E-01	2.53E-01	3.09E-02	6.98E+00	8.61E-01	1.46E+00	1.70E-01	4.35E-01	5.26E-02	0.00E+00	0.00E+00	4.48E-05	4.60E-06
1.97E+00	1.88E-01	3.27E+00	3.67E-01	1.07E+00	1.36E-01	2.09E-01	2.30E-02	9.38E+00	1.08E+00	1.89E+00	1.93E-01	3.75E-01	3.47E-02	0.00E+00	0.00E+00	4.08E-05	4.07E-06
1.65E+00	1.72E-01	2.46E+00	3.34E-01	7.89E-01	6.30E-02	2.54E-01	1.72E-02	1.05E+01	1.40E+00	1.41E+00	1.95E-01	4.19E-01	2.88E-02	0.00E+00	0.00E+00	3.51E-05	3.54E-06
1.84E+00	1.52E-01	3.01E+00	2.34E-01	9.57E-01	7.20E-02	2.41E-01	1.77E-02	8.44E+00	7.02E-01	1.70E+00	1.38E-01	3.57E-01	2.56E-02	0.00E+00	0.00E+00	2.92E-05	4.84E-06
2.20E+00	1.80E-01	3.36E+00	2.71E-01	9.52E-01	7.15E-02	2.48E-01	2.00E-02	8.83E+00	7.28E-01	2.00E+00	1.64E-01	3.82E-01	3.00E-02	0.00E+00	0.00E+00	2.81E-05	6.03E-06
2.02E+00	1.76E-01	2.91E+00	2.57E-01	8.42E-01	7.32E-02	2.46E-01	2.09E-02	7.77E+00	6.35E-01	1.77E+00	1.55E-01	3.80E-01	3.10E-02	0.00E+00	0.00E+00	2.68E-05	7.11E-06
1.99E+00	2.09E-01	3.13E+00	2.96E-01	1.02E+00	8.68E-02	2.26E-01	2.61E-02	8.89E+00	7.14E-01	1.85E+00	1.82E-01	3.91E-01	3.99E-02	0.00E+00	0.00E+00	1.75E-05	4.59E-06
1.71E+00	2.14E-01	2.67E+00	2.97E-01	1.11E+00	8.45E-02	2.16E-01	2.69E-02	6.53E+00	7.23E-01	1.49E+00	1.83E-01	3.37E-01	4.22E-02	0.00E+00	0.00E+00	1.92E-05	4.25E-06
1.84E+00	2.17E-01	2.87E+00	3.34E-01	1.04E+00	9.26E-02	2.12E-01	2.48E-02	8.07E+00	8.97E-01	1.65E+00	2.00E-01	3.19E-01	3.82E-02	0.00E+00	0.00E+00	2.35E-05	3.74E-06
1.37E+00	1.57E-01	2.64E+00	2.35E-01	7.17E-01	6.68E-02	2.06E-01	2.00E-02	8.73E+00	6.38E-01	1.44E+00	1.42E-01	3.70E-01	3.53E-02	0.00E+00	0.00E+00	3.25E-05	4.11E-06
1.12E+00	1.31E-01	2.20E+00	1.84E-01	5.13E-01	5.42E-02	2.17E-01	2.11E-02	8.52E+00	4.77E-01	1.24E+00	1.11E-01	3.83E-01	3.76E-02	0.00E+00	0.00E+00	4.24E-05	4.48E-06
1.17E+00	1.46E-01	1.72E+00	2.55E-01	5.16E-01	7.75E-02	2.25E-01	2.14E-02	7.12E+00	7.30E-01	9.66E-01	1.45E-01	4.07E-01	3.74E-02	0.00E+00	0.00E+00	4.30E-05	4.63E-06
1.08E+00	1.42E-01	1.69E+00	2.37E-01	5.52E-01	6.63E-02	1.64E-01	2.07E-02	4.97E+00	7.26E-01	9.66E-01	1.32E-01	3.00E-01	3.48E-02	0.00E+00	0.00E+00	3.67E-05	4.53E-06
1.12E+00	1.63E-01	1.64E+00	2.03E-01	5.01E-01	5.59E-02	1.64E-01	2.24E-02	4.78E+00	4.61E-01	9.78E-01	1.33E-01	2.95E-01	3.68E-02	0.00E+00	0.00E+00	3.69E-05	4.20E-06
1.17E+00	1.91E-01	1.67E+00	2.24E-01	6.12E-01	6.39E-02	2.28E-01	2.65E-02	4.60E+00	5.85E-01	9.72E-01	1.53E-01	3.99E-01	4.43E-02	0.00E+00	0.00E+00	3.87E-05	3.70E-06
1.50E+00	1.95E-01	1.99E+00	2.28E-01	6.70E-01	6.32E-02	2.77E-01	2.71E-02	6.12E+00	6.34E-01	1.24E+00	1.56E-01	5.12E-01	4.72E-02	0.00E+00	0.00E+00	3.78E-05	3.03E-06
1.27E+00	1.90E-01	1.85E+00	2.83E-01	7.05E-01	7.67E-02	2.11E-01	2.16E-02	5.89E+00	7.41E-01	1.14E+00	1.74E-01	4.40E-01	3.84E-02	0.00E+00	0.00E+00	3.39E-05	2.76E-06
1.49E+00	1.84E-01	2.22E+00	2.83E-01	6.65E-01	7.43E-02	1.87E-01	1.98E-02	5.87E+00	7.81E-01	1.34E+00	1.73E-01	2.76E-01	2.97E-02	0.00E+00	0.00E+00	2.78E-05	2.93E-06
1.69E+00	1.68E-01	2.42E+00	2.30E-01	8.26E-01	1.01E-01	2.24E-01	2.59E-02	6.22E+00	6.72E-01	1.38E+00	1.39E-01	3.32E-01	4.15E-02	0.00E+00	0.00E+00	4.05E-05	3.03E-06
1.89E+00	2.13E-01	2.83E+00	2.93E-01	1.11E+00	1.31E-01	2.24E-01	2.91E-02	7.86E+00	5.65E-01	1.69E+00	1.76E-01	3.46E-01	4.31E-02	0.00E+00	0.00E+00	5.66E-05	3.53E-06
1.80E+00	2.05E-01	2.57E+00	2.99E-01	1.19E+00	1.10E-01	2.23E-01	2.44E-02	6.68E+00	7.37E-01	1.55E+00	1.81E-01	3.37E-01	3.68E-02	0.00E+00	0.00E+00	6.72E-05	3.92E-06
2.18E+00	2.50E-01	3.39E+00	3.86E-01	9.32E-01	9.90E-02	2.37E-01	2.69E-02	9.05E+00	1.04E+00	1.99E+00	2.29E-01	3.36E-01	3.98E-02	0.00E+00	0.00E+00	6.70E-05	4.06E-06
1.75E+00	2.52E-01	2.89E+00	3.75E-01	8.43E-01	1.01E-01	2.30E-01	2.90E-02	8.11E+00	9.62E-01	1.46E+00	2.28E-01	3.50E-01	4.45E-02	0.00E+00	0.00E+00	5.54E-05	3.87E-06
1.65E+00	3.10E-01	2.54E+00	4.86E-01	7.42E-01	1.25E-01	1.99E-01	3.29E-02	6.69E+00	1.30E+00	1.51E+00	2.85E-01	3.10E-01	4.87E-02	0.00E+00	0.00E+00	3.78E-05	3.34E-06
1.68E+00	2.85E-01	2.77E+00	4.55E-01	9.62E-01	1.09E-01	1.84E-01	2.92E-02	8.49E+00	1.23E+00	1.62E+00	2.61E-01	2.99E-01	4.51E-02	0.00E+00	0.00E+00	3.15E-05	2.67E-06
1.51E+00	2.63E-01	2.96E+00	3.74E-01	1.02E+00	1.07E-01	2.52E-01	3.30E-02	9.00E+00	9.20E-01	1.55E+00	2.27E-01	4.34E-01	5.10E-02	0.00E+00	0.00E+00	3.62E-05	2.53E-06

Scenario 4 Results

1.73E+00	3.15E-01	2.54E+00	4.68E-01	1.07E+00	1.30E-01	3.26E-01	3.64E-02	7.47E+00	1.21E+00	1.49E+00	2.84E-01	4.20E-01	5.59E-02	0.00E+00	0.00E+00	4.35E-05	2.58E-06
1.75E+00	4.16E-01	2.65E+00	6.33E-01	6.96E-01	1.63E-01	2.31E-01	4.82E-02	7.48E+00	1.40E+00	1.59E+00	3.56E-01	3.84E-01	7.23E-02	0.00E+00	0.00E+00	4.86E-05	3.01E-06
2.14E+00	4.75E-01	3.08E+00	7.56E-01	8.86E-01	2.07E-01	2.63E-01	5.24E-02	7.22E+00	1.79E+00	1.88E+00	4.20E-01	4.04E-01	7.42E-02	0.00E+00	0.00E+00	5.11E-05	3.67E-06
1.90E+00	4.40E-01	3.03E+00	7.27E-01	8.34E-01	2.02E-01	1.99E-01	4.56E-02	8.45E+00	1.88E+00	1.79E+00	4.04E-01	3.11E-01	6.12E-02	0.00E+00	0.00E+00	5.06E-05	4.69E-06
1.57E+00	3.31E-01	2.53E+00	5.58E-01	7.01E-01	1.53E-01	1.67E-01	3.60E-02	6.98E+00	1.56E+00	1.47E+00	3.14E-01	2.57E-01	6.01E-02	0.00E+00	0.00E+00	4.75E-05	5.08E-06
1.50E+00	3.50E-01	2.39E+00	4.68E-01	5.85E-01	1.10E-01	1.56E-01	4.33E-02	7.11E+00	1.14E+00	1.42E+00	3.00E-01	2.67E-01	7.25E-02	0.00E+00	0.00E+00	4.51E-05	4.58E-06
1.50E+00	4.06E-01	2.42E+00	5.75E-01	6.23E-01	1.31E-01	1.75E-01	4.73E-02	6.83E+00	1.47E+00	1.41E+00	3.58E-01	2.86E-01	7.67E-02	0.00E+00	0.00E+00	3.98E-05	3.72E-06
9.36E-01	2.20E-01	1.59E+00	3.68E-01	7.48E-01	1.22E-01	1.39E-01	2.53E-02	5.32E+00	1.02E+00	8.10E-01	2.03E-01	3.74E-01	3.86E-02	0.00E+00	0.00E+00	3.31E-05	4.62E-06
9.43E-01	2.31E-01	1.86E+00	3.86E-01	6.95E-01	1.15E-01	1.12E-01	2.61E-02	6.54E+00	1.21E+00	1.02E+00	2.12E-01	2.74E-01	3.90E-02	0.00E+00	0.00E+00	3.13E-05	6.13E-06
1.27E+00	2.29E-01	2.50E+00	3.44E-01	6.24E-01	9.01E-02	1.44E-01	2.79E-02	8.94E+00	1.17E+00	1.37E+00	2.07E-01	2.17E-01	4.69E-02	0.00E+00	0.00E+00	2.99E-05	7.57E-06
1.36E+00	2.36E-01	2.49E+00	3.61E-01	7.24E-01	9.85E-02	1.57E-01	3.18E-02	9.11E+00	9.70E-01	1.38E+00	2.12E-01	2.32E-01	5.26E-02	0.00E+00	0.00E+00	3.00E-05	7.85E-06
1.57E+00	2.40E-01	2.72E+00	3.32E-01	8.41E-01	9.20E-02	1.59E-01	3.18E-02	7.65E+00	8.91E-01	1.52E+00	2.00E-01	2.65E-01	5.05E-02	0.00E+00	0.00E+00	1.83E-05	5.40E-06
1.60E+00	2.20E-01	2.66E+00	3.15E-01	7.97E-01	9.73E-02	1.80E-01	2.78E-02	7.38E+00	7.75E-01	1.52E+00	1.89E-01	2.56E-01	4.09E-02	0.00E+00	0.00E+00	1.88E-05	5.15E-06
1.52E+00	1.88E-01	2.59E+00	2.96E-01	8.85E-01	9.83E-02	1.64E-01	2.23E-02	6.87E+00	7.32E-01	1.43E+00	1.70E-01	2.26E-01	3.65E-02	0.00E+00	0.00E+00	2.15E-05	4.68E-06
1.35E+00	1.75E-01	2.40E+00	2.72E-01	8.16E-01	9.10E-02	1.37E-01	2.25E-02	6.69E+00	7.44E-01	1.30E+00	1.53E-01	2.45E-01	3.84E-02	0.00E+00	0.00E+00	2.72E-05	4.12E-06
2.05E+00	1.83E-01	2.97E+00	2.46E-01	8.56E-01	7.59E-02	2.49E-01	2.38E-02	7.11E+00	7.48E-01	1.82E+00	1.56E-01	3.79E-01	4.17E-02	0.00E+00	0.00E+00	2.90E-05	4.56E-06
3.08E+00	1.87E-01	4.90E+00	2.62E-01	1.38E+00	9.88E-02	3.27E-01	2.63E-02	1.35E+01	7.46E-01	2.89E+00	1.60E-01	4.50E-01	4.60E-02	0.00E+00	0.00E+00	3.47E-05	5.12E-06
3.09E+00	1.87E-01	5.16E+00	2.73E-01	1.38E+00	9.75E-02	2.93E-01	2.49E-02	1.55E+01	7.83E-01	3.01E+00	1.63E-01	3.80E-01	4.07E-02	0.00E+00	0.00E+00	3.85E-05	5.29E-06
2.03E+00	1.91E-01	3.37E+00	2.65E-01	8.57E-01	8.23E-02	1.83E-01	2.45E-02	1.08E+01	6.45E-01	2.00E+00	1.66E-01	3.25E-01	4.44E-02	0.00E+00	0.00E+00	3.99E-05	5.04E-06
1.45E+00	2.25E-01	2.20E+00	3.17E-01	6.88E-01	8.57E-02	1.90E-01	3.00E-02	6.90E+00	7.76E-01	1.31E+00	1.97E-01	3.36E-01	5.59E-02	0.00E+00	0.00E+00	4.15E-05	4.47E-06
1.78E+00	2.61E-01	2.64E+00	3.40E-01	8.54E-01	9.84E-02	2.92E-01	3.88E-02	8.67E+00	8.89E-01	1.53E+00	2.05E-01	5.25E-01	7.02E-02	0.00E+00	0.00E+00	4.16E-05	3.68E-06
2.42E+00	3.36E-01	3.26E+00	4.26E-01	1.10E+00	1.08E-01	3.34E-01	4.57E-02	9.08E+00	8.36E-01	2.01E+00	2.78E-01	5.02E-01	7.81E-02	0.00E+00	0.00E+00	3.80E-05	2.79E-06
2.08E+00	3.90E-01	3.50E+00	5.96E-01	1.07E+00	1.65E-01	2.79E-01	4.74E-02	1.05E+01	1.60E+00	1.96E+00	3.57E-01	5.29E-01	8.56E-02	0.00E+00	0.00E+00	3.17E-05	2.88E-06
3.02E+00	2.80E-01	4.56E+00	4.16E-01	1.23E+00	1.25E-01	3.36E-01	4.13E-02	1.24E+01	1.26E+00	2.77E+00	2.35E-01	6.00E-01	7.33E-02	0.00E+00	0.00E+00	3.53E-05	3.01E-06
2.06E+00	1.90E-01	3.41E+00	2.92E-01	9.61E-01	1.28E-01	2.45E-01	2.39E-02	1.07E+01	7.53E-01	1.95E+00	1.75E-01	4.09E-01	3.74E-02	0.00E+00	0.00E+00	5.27E-05	3.48E-06
1.84E+00	2.14E-01	2.28E+00	3.16E-01	1.09E+00	1.52E-01	2.56E-01	3.08E-02	7.24E+00	8.29E-01	1.50E+00	1.69E-01	4.34E-01	5.32E-02	0.00E+00	0.00E+00	6.53E-05	3.98E-06
2.02E+00	2.14E-01	3.20E+00	3.76E-01	1.20E+00	1.66E-01	2.29E-01	2.94E-02	9.48E+00	1.13E+00	1.85E+00	1.98E-01	3.89E-01	4.70E-02	0.00E+00	0.00E+00	6.66E-05	4.20E-06
1.71E+00	1.98E-01	3.01E+00	3.86E-01	8.22E-01	7.50E-02	2.76E-01	1.90E-02	1.10E+01	1.53E+00	1.72E+00	2.20E-01	4.76E-01	3.50E-02	0.00E+00	0.00E+00	5.51E-05	4.03E-06
2.08E+00	1.59E-01	3.32E+00	2.38E-01	1.10E+00	7.54E-02	2.58E-01	1.93E-02	9.30E+00	1.00E+00	1.89E+00	1.41E-01	4.36E-01	2.83E-02	0.00E+00	0.00E+00	3.66E-05	3.45E-06
2.20E+00	1.87E-01	3.30E+00	2.81E-01	9.91E-01	7.50E-02	2.55E-01	2.10E-02	8.72E+00	7.46E-01	1.97E+00	1.70E-01	3.68E-01	3.15E-02	0.00E+00	0.00E+00	3.09E-05	2.68E-06
2.07E+00	1.85E-01	3.00E+00	2.71E-01	8.59E-01	7.78E-02	2.51E-01	2.22E-02	8.19E+00	6.60E-01	1.82E+00	1.63E-01	3.83E-01	3.30E-02	0.00E+00	0.00E+00	3.93E-05	2.71E-06
2.06E+00	2.27E-01	3.24E+00	3.18E-01	1.11E+00	9.28E-02	2.40E-01	2.82E-02	9.06E+00	7.54E-01	1.90E+00	1.96E-01	4.13E-01	4.36E-02	0.00E+00	0.00E+00	4.72E-05	2.77E-06
1.75E+00	2.34E-01	2.95E+00	3.20E-01	1.16E+00	9.39E-02	2.26E-01	2.96E-02	7.03E+00	7.62E-01	1.60E+00	2.00E-01	3.60E-01	4.65E-02	0.00E+00	0.00E+00	5.20E-05	3.22E-06
1.86E+00	2.20E-01	2.99E+00	3.38E-01	9.78E-01	9.02E-02	2.13E-01	2.59E-02	8.25E+00	9.30E-01	1.67E+00	2.03E-01	3.48E-01	3.99E-02	0.00E+00	0.00E+00	5.31E-05	4.18E-06
1.59E+00	1.59E-01	2.84E+00	2.40E-01	6.89E-01	6.85E-02	2.12E-01	2.29E-02	9.20E+00	6.15E-01	1.61E+00	1.45E-01	3.81E-01	4.05E-02	0.00E+00	0.00E+00	5.11E-05	5.17E-06
1.31E+00	1.43E-01	2.43E+00	1.99E-01	5.11E-01	6.42E-02	2.45E-01	2.29E-02	9.19E+00	5.04E-01	1.40E+00	1.22E-01	4.32E-01	4.09E-02	0.00E+00	0.00E+00	4.75E-05	5.22E-06
1.06E+00	1.47E-01	1.63E+00	2.63E-01	5.27E-01	7.86E-02	1.92E-01	2.16E-02	6.30E+00	7.73E-01	9.11E-01	1.48E-01	3.58E-01	3.77E-02	0.00E+00	0.00E+00	4.38E-05	4.32E-06
1.05E+00	1.54E-01	1.72E+00	2.21E-01	5.26E-01	6.10E-02	1.70E-01	2.17E-02	5.19E+00	6.72E-01	9.47E-01	1.25E-01	2.98E-01	3.63E-02	0.00E+00	0.00E+00	3.75E-05	4.39E-06
1.13E+00	1.81E-01	1.72E+00	2.24E-01	5.12E-01	6.37E-02	1.74E-01	2.47E-02	4.86E+00	5.20E-01	1.03E+00	1.47E-01	3.23E-01	4.07E-02	0.00E+00	0.00E+00	3.50E-05	5.85E-06
1.48E+00	2.05E-01	1.96E+00	2.41E-01	6.65E-01	6.39E-02	2.83E-01	2.85E-02	5.46E+00	6.43E-01	1.15E+00	1.64E-01	5.00E-01	4.81E-02	0.00E+00	0.00E+00	3.41E-05	7.65E-06
1.63E+00	1.98E-01	2.13E+00	2.74E-01	7.84E-01	7.63E-02	2.90E-01	2.67E-02	6.35E+00	6.95E-01	1.33E+00	1.69E-01	5.54E-01	4.70E-02	0.00E+00	0.00E+00	3.14E-05	8.21E-06
1.43E+00	2.01E-01	1.98E+00	3.04E-01	7.96E-01	8.11E-02	1.94E-01	2.23E-02	5.86E+00	8.20E-01	1.23E+00	1.86E-01	3.92E-01	3.36E-02	0.00E+00	0.00E+00	3.58E-05	7.50E-06
1.46E+00	1.70E-01	2.36E+00	2.68E-01	6.94E-01	8.48E-02	2.10E-01	2.22E-02	7.02E+00	7.72E-01	1.38E+00	1.62E-01	3.36E-01	3.72E-02	0.00E+00	0.00E+00	2.03E-05	6.10E-06
1.89E+00	2.05E-01	2.74E+00	2.65E-01	8.97E-01	1.19E-01	2.38E-01	2.98E-02	6.94E+00	5.50E-01	1.62E+00	1.62E-01	3.34E-01	4.57E-02	0.00E+00	0.00E+00	2.08E-05	5.84E-06
1.69E+00	2.08E-01	2.44E+00	3.10E-01	1.24E+00	1.27E-01	2.14E-01	2.54E-02	9.16E+00	7.24E-01	1.43E+00	1.83E-01	3.32E-01	3.81E-02	0.00E+00	0.00E+00	1.92E-05	5.51E-06
2.24E+00	2.58E-01	3.45E+00	3.94E-01	9.58E-01	1.03E-01	2.51E-01	2.85E-02	8.91E+00	1.04E+00	2.02E+00	2.34E-01	3.60E-01	4.24E-02	0.00E+00	0.00E+00	2.23E-05	5.20E-06
2.11E+00	2.96E-01	3.56E+00	4.38E-01	1.07E+00	1.18E-01	2.77E-01	3.42E-02	9.98E+00	1.16E+00	1.84E+00	2.67E-01	4.19E-01	5.28E-02	0.00E+00	0.00E+00	2.78E-05	4.75E-06
1.76E+00	3.23E-01	2.65E+00	5.02E-01	7.18E-01	1.28E-01	2.09E-01	3.47E-02	6.66E+00	1.33E+00	1.57E+00	2.96E-01	3.31E-01	5.20E-02	0.00E+00	0.00E+00	3.07E-05	5.16E-06
1.71E+00	2.93E-01	2.59E+00	4.64E-01	8.87E-01	1.09E-01	1.94E-01	3.01E-02	8.10E+00	1.24E+00	1.53E+00	2.66E-01	3.01E-01	4.79E-02	0.00E+00	0.00E+00	3.81E-05	5.79E-06
1.58E+00	2.75E-01	3.14E+00	3.88E-01	1.07E+00	1.08E-01	2.28E-01	3.47E-02	9.78E+00	9.47E-01	1.64E+00	2.35E-01	3.17E-01	5.41E-02	0.00E+00	0.00E+00	4.33E-05	5.79E-06
1.48E+00	3.05E-01	2.92E+00	4.44E-01	9.88E-01	1.16E-01	2.66E-01	3.62E-02	8.95E+00	1.07E+00	1.54E+00	2.61E-01	5.12E-01	5.73E-02	0.00E+00	0.00E+00	4.28E-05	5.22E-06
1.85E+00	4.40E-01	2.55E+00	6.66E-01	7.55E-01	1.70E-01	2.65E-01	5.13E-02	6.74E+00	1.44E+00	1.52E+00	3.73E-01	4.49E-01	7.75E-02	0.00E+00	0.00E+00	4.30E-05	4.39E-06
2.34E+00	4.99E-01	3.42E+00	7.99E-01	1.00E+00	2.19E-01	2.83E-01	5.47E-02	8.14E+00	1.90E+00	2.07E+00	4.43E-01	4.29E-01	7.70E-02	0.00E+00	0.00E+00	4.14E-05	3.37E-06
1.96E+00	4.54E-01	3.21E+00	7.58E-01	8.84E-01	2.10E-01	2.12E-01	4.59E-02	9.29E+00	2.01E+00	1.88E+00	4.21E-01	3.39E-01	6.08E-02	0.00E+00	0.00E+00	3.60E-05	2.77E-06
1.63E+00	3.59E-01	2.70E+00	5.45E-01	7.39E-01	1.47E-01	1.70E-01	4.49E-02	7.63E+00	1.58E+00	1.55E+00	3.08E-01	2.79E-01	7.53E-02	0.00E+00	0.00E+00	2.97E-05	2.94E-06
1.55E+00	4.07E-01	2.50E+00	5.56E-01	6.09E-01	1.26E-01	1.76E-01	4.94E-02	7.61E+00	1.36E+00	1.48E+00	3.52E-01	2.92E-01	8.17E-02	0.00E+00	0.00E+00	4.63E-05	3.36E-06
1.45E+00	3.97E-01	2.34E+00	5.78E-01	5.96E-01	1.34E-01	1.70E-01	5.00E-02	6.69E+00	1.51E+00	1.36E+00	3.54E-01	2.96E-01	8.51E-02	0.00E+00	0.00E+00	6.19E-05	4.00E-06
1.66E+00	5.00E-01	2.62E+00	6.69E-01	6.71E-01	1.55E-01	2.25E-01	6.99E-02	6.99E+00	1.77E+00	1.53E+00	4.13E-01	3.97E-01	1.16E-01	0.00E+00	0.00E+00	6.60E-05	4.35E-06
9.16E-01	1.90E-01	1.55E+00	2.86E-01	5.96E-01	1.02E-01	1.39E-01	2.38E-02	5.17E+00	7.77E-01	8.71E-01	1.67E-01	4.66E-01	3.62E-02	0.00E+00	0.00E+00	5.47E-05	4.23E-06
1.11E+00	2.20E-01	2.14E+00	3.49E-01	7.50E-01	1.23E-01	1.13E-01	2.59E-02	7.13E+00	9.03E-01	1.17E+00	1.95E-01	3.57E-01	4.04E-02	0.00E+00	0.00E+00	3.52E-05	3.59E-06
1.56E+00	2.39E-01	3.01E+00	3.83E-01	8.04E-01	1.23E-01	1.14E-01	2.76E-02	1.01E+01	1.14E+00	1.64E+00	2.13E-01	2.40E-01	4.19E-02	0.00E+00	0.00E+00	3.18E-05	2.87E-06
1.70E+00	2.36E-01	3.25E+00	3.65E-01	7.97E-01	1.02E-01	1.41E-01	2.77E-02	1.11E+01	1.20E+00	1.80E+00	2.11E-01	2.14E-01	4.72E-02	0.00E+00	0.00E+00	4.33E-05	2.91E-06
1.36E+00	2.46E-01	2.56E+00	3.72E-01	7.23E-01	9.94E-02	1.64E-01	3.28E-02	9.15E+00	1.06E+00	1.44E+00	2.23E-01	2.29E-01	5.51E-02	0.00E+00	0.00E+00	5.22E-05	3.06E-06
1.45E+00	2.55E-01	2.35E+00	3.65E-01	7.35E-01	1.01E-01	1.67E-01	3.43E-02	6.36E+00	9.80E-01	1.34E+00	2.16E-01	2.72E-01	5.56E-02	0.00E+00	0.00E+00	5.64E-05	3.59E-06
1.51E+00	2.38E-01	2.25E+00	3.30E-01	6.96E-01	9.82E-02	1.85E-01	3.07E-02	6.95E+00	8.37E-01	1.31E+00	2.02E-01	2.73E-01	4.67E-02	0.00E+00	0.00E+00	5.57E-05	4.65E-06
1.60E+00	2.06E-01	2.69E+00	3.15E-01	9.01E-01	1.03E-01	1.74E-01	2.45E-02	6.71E+00	7.62E-01	1.49E+00	1.83E-01	2.40E-01	3.90E-02	0.00E+00	0.00E+00	5.13E-05	5.32E-06
1.44E+00	1.90E-01	2.63E+00	2.98E-01	8.84E-01	9.98E-02	1.37E-01	2.44E-02	7.32E+00	8.00E-01	1.42E+00	1.66E-01	2.56E-01	4.16E-02	0.00E+00	0.00E+00	4.69E-05	4.80E-06
2.10E+00	1.97E-01	2.96E+00	2.67E-01	8.61E-01	8.38E-02	2.63E-01	2.57E-02	6.79E+00	7.95E-01	1.83E+00	1.68E-01	4.05E-01	4.35E-02	0.00E+00	0.00E+00	4.12E-05	4.81E-06
3.24E+00	1.96E-01	5.06E+00	2.68E-01	1.44E+00	1.03E-01	3.52E-01	2.72E-02	1.36E+01	7.30E-01	2.99E+00	1.67E-01	4.90E-01	4.78E-02	0.00E+00	0.00E+00	3.67E-05	5.42E-06
3.42E+00	2.09E-01	5.70E+00	2.93E-01	1.53E+00	1.04E-01	3.24E-01	2.81E-02	1.71E+01	8.40E-01	3.31E+00	1.81E-01	4.18E-01	4.61E-02	0.00E+00	0.00E+00	3.78E-05	7.33E-06
2.23E+00	2.16E-01	3.75E+00	3.04E-01	9.76E-01	9.54E-02	1.97E-01	2.73E-02	1.21E+01	7.42E-01	2.21E+00	1.89E-01	3.57E-01	5.14E-02	0.00E+00	0.00E+00	3.59E-05	8.10E-06
1.68E+00	2.56E-01	2.63E+00	3.70E-01	7.76E-01	1.00E-01	2.20E-01	3.61E-02	7.94E+00	9.25E-01	1.52E+00	2.27E-01	3.88E-01	6.68E-02	0.00E+00	0.00E+00	3.84E-05	7.45E-06
2.23E+00	3.08E-01	2.76E+00	3.55E-01	9.14E-01	1.07E-01	3.51E-01	4.45E-02	9.38E+00	9.19E-01	1.67E+00	2.45E-01	5.97E-01	8.02E-02	0.00E+00	0.00E+00	4.15E-05	7.89E-06
2.35E+00	4.08E-01	3.73E+00	5.71E-01	1.16E+00	1.51E-01	2.96E-01	5.05E-02	1.01E+01	1.36E+00	2.16E+00	3.56E-01	5.64E-01	9.07E-02	0.00E+00	0.00E+00	1.83E-05	5.88E-06
2.78E+00	3.28E-01	3.93E+00	5.16E-01	1.04E+00	1.48E-01	3.37E-01	4.91E-02	9.70E+00	1.49E+00	2.45E+00	3.00E-01	6.01E-01	8.93E-02	0.00E+00	0.00E+00	2.06E-05	6.19E-06
2.61E+00	2.26E-01	4.34E+00	3.21E-01	1.24E+00	1.29E-01	2.60E-01	3.11E-02	1.29E+01	8.90E-01	2.52E+00	1.98E-01	4.50E-01	5.15E-02	0.00E+00	0.00E+00	2.17E-05	6.17E-06
1.81E+00	2.00E-01	2.81E+00	3.17E-01	1.13E+00	1.33E-01	2.41E-01	2.81E-02	8.13E+00	7.75E-01	1.68E+00	1.69E-01	4.07E-01	4.87E-02	0.00E+00	0.00E+00	2.06E-05	6.04E-06
1.99E+00	2.41E-01	2.95E+00	3.79E-01	1.22E+00	1.85E-01	2.57E-01	3.44E-02	8.72E+00	1.15E+00	1.72E+00	2.10E-01	4.15E-01	5.73E-02	0.00E+00	0.00E+00	2.16E-05	5.91E-06
1.98E+00	2.25E-01	3.63E+00	4.38E-01	9.10E-01	1.10E-01	2.81E-01	2.25E-02	1.27E+01	1.57E+00	2.08E+00	2.42E-01	5.01E-01	4.04E-02	0.00E+00	0.00E+00	2.79E-05	5.49E-06
2.41E+00	1.67E-01	3.64E+00	3.08E-01	1.24E+00	7.76E-02	3.01E-01	2.14E-02	1.18E+01	1.38E+00	2.11E+00	1.84E-01	4.79E-01	3.38E-02	0.00E+00	0.00E+00	3.38E-05	5.60E-06
2.24E+00	2.03E-01	3.32E+00	3.06E-01	1.13E+00	8.31E-02	2.66E-01	2.29E-02	9.41E+00	8.04E-01	1.99E+00	1.85E-01	3.86E-01	3.42E-02	0.00E+00	0.00E+00	4.19E-05	6.15E-06
2.14E+00	1.99E-01	3.22E+00	2.91E-01	9.03E-01	8.46E-02	2.57E-01	2.39E-02	8.76E+00	7.06E-01	1.90E+00	1.75E-01	3.91E-01	3.53E-02	0.00E+00	0.00E+00	4.44E-05	5.98E-06
2.02E+00	2.38E-01	3.20E+00	3.29E-01	1.10E+00	9.39E-02	2.44E-01	3.00E-02	8.84E+00	7.59E-01	1.87E+00	2.03E-01	4.20E-01	4.67E-02	0.00E+00	0.00E+00	4.23E-05	5.15E-06
1.88E+00	2.44E-01	2.94E+00	3.32E-01	1.09E+00	9.68E-02	2.35E-01	3.12E-02	6.95E+00	7.61E-01	1.68E+00	2.08E-01	3.63E-01	4.93E-02	0.00E+00	0.00E+00	4.33E-05	3.98E-06
1.89E+00	2.18E-01	3.00E+00	3.28E-01	8.79E-01	8.68E-02	2.32E-01	2.63E-02	8.13E+00	9.22E-01	1.74E+00	1.99E-01	4.07E-01	4.05E-02	0.00E+00	0.00E+00	4.00E-05	2.67E-06
1.87E+00	1.64E-01	3.07E+00	2.46E-01	6.71E-01	6.95E-02	2.07E-01	2.62E-02	9.79E+00	6.33E-01	1.81E+00	1.48E-01	3.65E-01	4.65E-02	0.00E+00	0.00E+00	3.16E-05	2.77E-06
1.52E+00	1.59E-01	2.64E+00	2.36E-01	5.85E-01	7.47E-02	2.57E-01	2.52E-02	9.76E+00	6.04E-01	1.57E+00	1.40E-01	4.57E-01	4.49E-02	0.00E+00	0.00E+00	3.82E-05	3.14E-06
1.23E+00	1.59E-01	1.82E+00	2.80E-01	6.28E-01	8.22E-02	1.69E-01	2.37E-02	5.89E+00	8.36E-01	1.07E+00	1.56E-01	3.14E-01	4.11E-02	0.00E+00	0.00E+00	5.76E-05	3.90E-06
1.27E+00	1.77E-01	1.80E+00	2.23E-01	5.80E-01	6.10E-02	2.01E-01	2.46E-02	5.77E+00	6.26E-01	1.07E+00	1.45E-01	3.60E-01	4.09E-02	0.00E+00	0.00E+00	6.54E-05	4.40E-06
1.18E+00	2.06E-01	1.85E+00	2.53E-01	6.13E-01	7.13E-02	2.29E-01	2.83E-02	5.14E+00	6.17E-01	1.08E+00	1.68E-01	3.96E-01	4.67E-02	0.00E+00	0.00E+00	5.40E-05	4.37E-06
1.77E+00	2.19E-01	2.23E+00	2.62E-01	7.91E-01	7.00E-02	3.30E-01	2.99E-02	6.79E+00	6.79E-01	1.33E+00	1.77E-01	5.95E-01	5.09E-02	0.00E+00	0.00E+00	3.84E-05	3.69E-06
1.57E+00	2.12E-01	2.32E+00	3.16E-01	9.05E-01	8.61E-02	2.67E-01	2.46E-02	7.30E+00	8.26E-01	1.40E+00	1.94E-01	5.37E-01	4.31E-02	0.00E+00	0.00E+00	3.38E-05	3.08E-06
1.62E+00	1.96E-01	2.48E+00	3.04E-01	8.71E-01	7.94E-02	2.20E-01	2.07E-02	6.73E+00	8.55E-01	1.48E+00	1.85E-01	3.16E-01	3.06E-02	0.00E+00	0.00E+00	4.73E-05	3.09E-06
1.79E+00	1.94E-01	2.51E+00	2.35E-01	8.49E-01	1.09E-01	2.40E-01	2.97E-02	6.25E+00	6.75E-01	1.47E+00	1.48E-01	3.62E-01	4.72E-02	0.00E+00	0.00E+00	5.73E-05	3.56E-06
1.63E+00	2.17E-01	2.49E+00	3.09E-01	1.15E+00	1.29E-01	2.21E-01	2.85E-02	8.08E+00	6.44E-01	1.48E+00	1.84E-01	3.61E-01	4.16E-02	0.00E+00	0.00E+00	6.08E-05	4.07E-06

Scenario 4 Results

2.28E+00	2.67E-01	3.46E+00	4.02E-01	1.06E+00	1.06E-01	2.59E-01	3.01E-02	9.07E+00	1.04E+00	2.03E+00	2.40E-01	3.73E-01	4.49E-02	0.00E+00	0.00E+00	5.79E-05	4.82E-06
2.01E+00	2.84E-01	3.19E+00	4.33E-01	1.00E+00	1.11E-01	2.73E-01	3.33E-02	8.60E+00	1.17E+00	1.66E+00	2.55E-01	4.21E-01	5.18E-02	0.00E+00	0.00E+00	5.12E-05	4.98E-06
2.11E+00	3.80E-01	3.20E+00	5.90E-01	8.52E-01	1.50E-01	2.45E-01	4.08E-02	8.43E+00	1.57E+00	1.89E+00	3.48E-01	3.88E-01	6.11E-02	0.00E+00	0.00E+00	4.55E-05	5.23E-06
1.84E+00	3.13E-01	2.71E+00	4.94E-01	7.73E-01	1.15E-01	2.12E-01	3.36E-02	7.10E+00	1.32E+00	1.63E+00	2.84E-01	3.32E-01	5.35E-02	0.00E+00	0.00E+00	3.77E-05	5.55E-06
1.54E+00	2.94E-01	2.90E+00	4.10E-01	9.80E-01	1.14E-01	2.16E-01	3.72E-02	9.13E+00	9.56E-01	1.51E+00	2.50E-01	3.15E-01	5.83E-02	0.00E+00	0.00E+00	3.84E-05	6.79E-06
1.55E+00	3.33E-01	2.92E+00	4.82E-01	9.84E-01	1.22E-01	2.34E-01	3.98E-02	9.10E+00	1.16E+00	1.53E+00	2.80E-01	3.96E-01	6.33E-02	0.00E+00	0.00E+00	3.84E-05	7.53E-06
1.92E+00	4.40E-01	2.51E+00	6.65E-01	8.07E-01	1.68E-01	2.98E-01	5.16E-02	7.31E+00	1.42E+00	1.53E+00	3.72E-01	5.75E-01	7.81E-02	0.00E+00	0.00E+00	4.09E-05	7.68E-06
2.24E+00	4.77E-01	3.34E+00	7.68E-01	9.91E-01	2.10E-01	2.66E-01	5.18E-02	8.09E+00	1.83E+00	2.01E+00	4.25E-01	4.46E-01	7.28E-02	0.00E+00	0.00E+00	4.53E-05	7.99E-06
1.85E+00	4.11E-01	2.97E+00	6.94E-01	8.62E-01	1.90E-01	2.05E-01	4.05E-02	8.92E+00	1.88E+00	1.73E+00	3.85E-01	3.27E-01	6.69E-02	0.00E+00	0.00E+00	5.33E-05	9.52E-06
1.82E+00	4.36E-01	2.85E+00	5.81E-01	7.57E-01	1.35E-01	1.95E-01	5.43E-02	8.35E+00	1.54E+00	1.71E+00	3.73E-01	3.27E-01	9.06E-02	0.00E+00	0.00E+00	1.84E-05	4.85E-06
1.81E+00	5.09E-01	2.89E+00	7.30E-01	7.42E-01	1.67E-01	2.12E-01	5.83E-02	8.23E+00	1.90E+00	1.70E+00	4.52E-01	3.43E-01	9.38E-02	0.00E+00	0.00E+00	1.91E-05	5.62E-06
1.65E+00	4.91E-01	2.49E+00	6.69E-01	6.45E-01	1.55E-01	2.18E-01	6.91E-02	7.06E+00	1.81E+00	1.48E+00	4.17E-01	3.89E-01	1.16E-01	0.00E+00	0.00E+00	2.01E-05	6.32E-06
1.71E+00	5.67E-01	2.57E+00	7.53E-01	6.58E-01	1.98E-01	2.33E-01	7.64E-02	7.15E+00	1.88E+00	1.48E+00	4.55E-01	3.89E-01	1.23E-01	0.00E+00	0.00E+00	2.26E-05	6.57E-06
2.51E+00	8.04E-01	4.38E+00	1.21E+00	1.20E+00	3.32E-01	2.72E-01	9.54E-02	1.10E+01	2.69E+00	2.27E+00	6.93E-01	4.47E-01	1.42E-01	0.00E+00	0.00E+00	2.20E-05	6.51E-06
9.58E-01	1.66E-01	1.79E+00	2.79E-01	5.95E-01	7.62E-02	1.35E-01	2.27E-02	5.01E+00	8.47E-01	9.44E-01	1.61E-01	5.07E-01	3.62E-02	0.00E+00	0.00E+00	2.13E-05	6.51E-06
1.13E+00	1.80E-01	2.13E+00	2.71E-01	6.24E-01	9.24E-02	1.18E-01	2.42E-02	6.59E+00	8.05E-01	1.16E+00	1.61E-01	4.52E-01	3.58E-02	0.00E+00	0.00E+00	2.75E-05	6.07E-06
1.61E+00	2.12E-01	3.01E+00	3.17E-01	8.82E-01	1.17E-01	1.32E-01	2.56E-02	9.20E+00	7.69E-01	1.64E+00	1.86E-01	3.18E-01	4.09E-02	0.00E+00	0.00E+00	3.42E-05	5.83E-06
1.95E+00	2.41E-01	3.55E+00	3.69E-01	9.84E-01	1.29E-01	1.62E-01	2.85E-02	1.10E+01	1.02E+00	1.97E+00	2.12E-01	2.08E-01	4.45E-02	0.00E+00	0.00E+00	4.11E-05	6.27E-06
1.80E+00	2.56E-01	3.26E+00	3.89E-01	8.47E-01	1.19E-01	1.44E-01	2.97E-02	1.05E+01	1.22E+00	1.83E+00	2.27E-01	2.14E-01	4.71E-02	0.00E+00	0.00E+00	4.20E-05	5.65E-06
1.32E+00	2.58E-01	2.46E+00	3.76E-01	6.37E-01	9.77E-02	1.69E-01	3.37E-02	8.41E+00	1.17E+00	1.37E+00	2.29E-01	2.46E-01	5.74E-02	0.00E+00	0.00E+00	4.26E-05	4.42E-06
1.49E+00	2.68E-01	2.33E+00	3.92E-01	7.31E-01	1.06E-01	1.69E-01	3.65E-02	6.60E+00	1.04E+00	1.34E+00	2.34E-01	2.83E-01	6.05E-02	0.00E+00	0.00E+00	4.24E-05	2.96E-06
1.53E+00	2.61E-01	2.41E+00	3.59E-01	6.76E-01	1.00E-01	1.94E-01	3.44E-02	7.19E+00	9.50E-01	1.36E+00	2.19E-01	2.95E-01	5.37E-02	0.00E+00	0.00E+00	3.51E-05	2.52E-06
1.73E+00	2.32E-01	2.86E+00	3.46E-01	9.37E-01	1.10E-01	1.90E-01	2.84E-02	7.06E+00	8.16E-01	1.59E+00	2.04E-01	2.59E-01	4.25E-02	0.00E+00	0.00E+00	3.07E-05	2.88E-06
1.60E+00	2.06E-01	2.91E+00	3.24E-01	9.60E-01	1.08E-01	1.51E-01	2.65E-02	8.08E+00	8.52E-01	1.57E+00	1.82E-01	2.68E-01	4.52E-02	0.00E+00	0.00E+00	5.01E-05	3.76E-06
2.14E+00	2.13E-01	2.95E+00	2.87E-01	8.76E-01	9.18E-02	2.76E-01	2.79E-02	7.36E+00	8.42E-01	1.84E+00	1.81E-01	4.31E-01	4.73E-02	0.00E+00	0.00E+00	6.20E-05	4.47E-06
3.60E+00	2.29E-01	5.61E+00	3.05E-01	1.61E+00	1.17E-01	3.96E-01	3.04E-02	1.49E+01	8.58E-01	3.31E+00	1.95E-01	5.49E-01	5.33E-02	0.00E+00	0.00E+00	5.16E-05	4.58E-06
3.90E+00	2.43E-01	6.53E+00	3.35E-01	1.76E+00	1.15E-01	3.68E-01	3.26E-02	1.96E+01	9.46E-01	3.78E+00	2.11E-01	4.68E-01	5.37E-02	0.00E+00	0.00E+00	3.93E-05	3.84E-06
2.51E+00	2.44E-01	4.27E+00	3.48E-01	1.10E+00	1.10E-01	2.18E-01	3.20E-02	1.40E+01	8.46E-01	2.50E+00	2.15E-01	3.95E-01	6.09E-02	0.00E+00	0.00E+00	3.44E-05	3.28E-06
1.86E+00	2.81E-01	3.01E+00	3.83E-01	8.81E-01	1.04E-01	2.66E-01	4.20E-02	8.00E+00	9.49E-01	1.72E+00	2.34E-01	4.99E-01	7.74E-02	0.00E+00	0.00E+00	4.92E-05	3.24E-06
2.47E+00	3.72E-01	3.44E+00	4.74E-01	1.05E+00	1.15E-01	3.67E-01	5.28E-02	9.30E+00	9.62E-01	2.05E+00	3.12E-01	5.86E-01	9.35E-02	0.00E+00	0.00E+00	5.97E-05	4.05E-06
2.20E+00	4.03E-01	3.62E+00	6.12E-01	1.07E+00	1.68E-01	3.05E-01	5.69E-02	1.05E+01	1.64E+00	2.07E+00	3.68E-01	5.98E-01	1.04E-01	0.00E+00	0.00E+00	6.24E-05	4.30E-06
3.05E+00	2.83E-01	4.72E+00	3.73E-01	1.36E+00	1.14E-01	3.36E-01	4.14E-02	1.29E+01	1.11E+00	2.81E+00	2.32E-01	6.02E-01	7.38E-02	0.00E+00	0.00E+00	5.75E-05	4.29E-06
2.22E+00	1.93E-01	3.23E+00	3.28E-01	9.84E-01	1.47E-01	2.68E-01	2.52E-02	8.25E+00	7.72E-01	1.97E+00	1.75E-01	3.99E-01	4.32E-02	0.00E+00	0.00E+00	5.00E-05	5.15E-06
1.87E+00	2.52E-01	2.56E+00	3.95E-01	1.09E+00	1.88E-01	2.72E-01	3.63E-02	8.79E+00	1.13E+00	1.54E+00	2.21E-01	4.37E-01	6.21E-02	0.00E+00	0.00E+00	4.20E-05	5.79E-06
2.28E+00	2.40E-01	4.04E+00	4.60E-01	1.15E+00	1.57E-01	2.51E-01	3.12E-02	1.30E+01	1.43E+00	2.31E+00	2.45E-01	4.64E-01	4.72E-02	0.00E+00	0.00E+00	3.78E-05	6.65E-06
2.72E+00	1.99E-01	3.78E+00	3.86E-01	1.28E+00	7.44E-02	3.70E-01	2.34E-02	1.29E+01	1.67E+00	2.28E+00	2.27E-01	5.52E-01	4.10E-02	0.00E+00	0.00E+00	3.85E-05	7.10E-06
2.19E+00	2.18E-01	3.63E+00	3.24E-01	1.25E+00	9.01E-02	2.70E-01	2.52E-02	1.07E+01	8.29E-01	2.05E+00	1.96E-01	4.43E-01	3.77E-02	0.00E+00	0.00E+00	4.11E-05	8.42E-06
2.28E+00	2.15E-01	3.50E+00	3.16E-01	1.02E+00	9.29E-02	2.68E-01	2.60E-02	9.39E+00	7.62E-01	2.07E+00	1.89E-01	4.11E-01	3.81E-02	0.00E+00	0.00E+00	4.77E-05	8.33E-06
2.03E+00	2.55E-01	3.23E+00	3.48E-01	1.13E+00	9.76E-02	2.64E-01	3.26E-02	8.95E+00	7.85E-01	1.88E+00	2.16E-01	4.34E-01	5.12E-02	0.00E+00	0.00E+00	5.88E-05	1.07E-05
2.05E+00	2.65E-01	3.05E+00	3.59E-01	1.06E+00	1.05E-01	2.55E-01	3.41E-02	7.37E+00	8.17E-01	1.79E+00	2.26E-01	3.76E-01	5.40E-02	0.00E+00	0.00E+00	6.54E-05	1.33E-05
2.17E+00	2.37E-01	3.32E+00	3.47E-01	8.88E-01	9.58E-02	2.85E-01	3.02E-02	9.15E+00	1.00E+00	1.97E+00	2.12E-01	4.96E-01	5.23E-02	0.00E+00	0.00E+00	1.71E-05	5.63E-06
2.35E+00	2.03E-01	3.74E+00	2.79E-01	7.58E-01	7.76E-02	2.97E-01	3.29E-02	1.20E+01	7.25E-01	2.25E+00	1.68E-01	5.18E-01	5.83E-02	0.00E+00	0.00E+00	1.78E-05	5.50E-06
1.79E+00	1.88E-01	2.95E+00	2.95E-01	7.26E-01	9.10E-02	2.63E-01	2.93E-02	1.09E+01	8.07E-01	1.79E+00	1.69E-01	4.78E-01	5.24E-02	0.00E+00	0.00E+00	1.96E-05	5.28E-06
1.41E+00	1.91E-01	2.19E+00	3.01E-01	7.24E-01	8.73E-02	2.33E-01	2.79E-02	6.02E+00	9.01E-01	1.26E+00	1.67E-01	4.09E-01	4.81E-02	0.00E+00	0.00E+00	2.00E-05	6.22E-06
1.45E+00	2.19E-01	2.17E+00	2.76E-01	6.59E-01	7.68E-02	2.35E-01	3.03E-02	6.25E+00	6.13E-01	1.30E+00	1.79E-01	4.36E-01	5.01E-02	0.00E+00	0.00E+00	2.29E-05	6.78E-06
1.68E+00	2.37E-01	2.20E+00	2.88E-01	7.56E-01	7.47E-02	3.23E-01	3.26E-02	6.28E+00	7.15E-01	1.28E+00	1.92E-01	5.63E-01	5.41E-02	0.00E+00	0.00E+00	2.41E-05	6.70E-06
1.93E+00	2.25E-01	2.60E+00	3.09E-01	9.42E-01	8.66E-02	3.49E-01	2.98E-02	8.29E+00	7.74E-01	1.51E+00	1.91E-01	6.52E-01	5.10E-02	0.00E+00	0.00E+00	2.10E-05	7.05E-06
1.66E+00	2.20E-01	2.51E+00	3.35E-01	1.02E+00	8.91E-02	2.27E-01	2.42E-02	7.95E+00	9.09E-01	1.43E+00	2.05E-01	4.52E-01	3.64E-02	0.00E+00	0.00E+00	2.50E-05	6.83E-06
1.71E+00	1.69E-01	2.38E+00	2.71E-01	9.18E-01	9.34E-02	2.46E-01	2.65E-02	7.34E+00	7.93E-01	1.41E+00	1.64E-01	3.82E-01	4.41E-02	0.00E+00	0.00E+00	3.21E-05	5.70E-06
1.78E+00	2.30E-01	2.64E+00	3.11E-01	1.11E+00	1.32E-01	2.50E-01	3.21E-02	6.19E+00	6.02E-01	1.56E+00	1.88E-01	3.91E-01	4.81E-02	0.00E+00	0.00E+00	3.81E-05	5.33E-06
2.26E+00	2.72E-01	3.40E+00	4.04E-01	1.17E+00	1.17E-01	2.61E-01	3.14E-02	8.44E+00	1.02E+00	2.00E+00	2.42E-01	3.79E-01	4.74E-02	0.00E+00	0.00E+00	3.73E-05	4.35E-06
2.06E+00	3.00E-01	3.10E+00	4.63E-01	1.00E+00	1.13E-01	2.85E-01	3.46E-02	8.13E+00	1.25E+00	1.66E+00	2.74E-01	4.45E-01	5.43E-02	0.00E+00	0.00E+00	4.07E-05	3.17E-06
2.13E+00	3.89E-01	3.26E+00	5.99E-01	8.45E-01	1.51E-01	2.53E-01	4.21E-02	8.67E+00	1.58E+00	1.89E+00	3.55E-01	4.03E-01	6.36E-02	0.00E+00	0.00E+00	3.69E-05	2.51E-06
2.08E+00	3.53E-01	3.06E+00	5.55E-01	7.80E-01	1.28E-01	2.39E-01	3.90E-02	8.24E+00	1.49E+00	1.84E+00	3.19E-01	3.75E-01	6.20E-02	0.00E+00	0.00E+00	2.90E-05	2.74E-06
1.93E+00	3.34E-01	3.36E+00	4.67E-01	9.60E-01	1.29E-01	2.30E-01	4.21E-02	9.69E+00	1.04E+00	1.91E+00	2.85E-01	3.57E-01	6.58E-02	0.00E+00	0.00E+00	3.92E-05	3.55E-06
1.69E+00	3.63E-01	2.63E+00	5.27E-01	8.85E-01	1.28E-01	2.13E-01	4.37E-02	8.20E+00	1.26E+00	1.60E+00	3.00E-01	3.98E-01	6.93E-02	0.00E+00	0.00E+00	5.37E-05	4.51E-06
2.02E+00	4.64E-01	2.69E+00	7.07E-01	7.59E-01	1.80E-01	2.80E-01	5.38E-02	7.32E+00	1.53E+00	1.65E+00	3.94E-01	4.67E-01	8.07E-02	0.00E+00	0.00E+00	4.59E-05	4.79E-06
2.09E+00	4.65E-01	3.20E+00	7.56E-01	9.21E-01	2.04E-01	3.10E-01	4.95E-02	8.10E+00	1.85E+00	1.90E+00	4.17E-01	5.98E-01	6.88E-02	0.00E+00	0.00E+00	3.73E-05	3.95E-06
1.73E+00	3.59E-01	2.83E+00	6.11E-01	7.93E-01	1.63E-01	2.14E-01	4.58E-02	7.66E+00	1.70E+00	1.56E+00	3.40E-01	4.01E-01	7.75E-02	0.00E+00	0.00E+00	3.38E-05	3.51E-06
1.74E+00	4.36E-01	2.74E+00	5.82E-01	6.32E-01	1.32E-01	1.93E-01	5.45E-02	8.16E+00	1.38E+00	1.64E+00	3.73E-01	3.26E-01	9.12E-02	0.00E+00	0.00E+00	4.96E-05	3.74E-06
1.80E+00	4.89E-01	2.79E+00	7.22E-01	7.04E-01	1.66E-01	2.18E-01	6.85E-02	8.03E+00	1.93E+00	1.62E+00	4.41E-01	3.90E-01	1.16E-01	0.00E+00	0.00E+00	5.83E-05	4.61E-06
2.07E+00	6.72E-01	3.13E+00	8.83E-01	7.88E-01	2.31E-01	2.83E-01	9.10E-02	8.56E+00	2.30E+00	1.81E+00	5.36E-01	4.71E-01	1.47E-01	0.00E+00	0.00E+00	5.83E-05	4.30E-06
2.04E+00	6.99E-01	3.30E+00	1.02E+00	9.07E-01	2.79E-01	2.43E-01	8.64E-02	7.96E+00	2.26E+00	1.78E+00	5.89E-01	3.84E-01	1.32E-01	0.00E+00	0.00E+00	5.18E-05	4.48E-06
2.00E+00	6.81E-01	3.49E+00	1.09E+00	9.06E-01	3.02E-01	2.52E-01	7.45E-02	9.26E+00	2.64E+00	1.80E+00	6.09E-01	3.67E-01	1.05E-01	0.00E+00	0.00E+00	4.55E-05	5.31E-06
3.27E+00	8.67E-01	5.00E+00	1.51E+00	1.51E+00	4.00E-01	3.69E-01	9.56E-02	1.28E+01	4.26E+00	2.94E+00	8.26E-01	5.32E-01	1.53E-01	0.00E+00	0.00E+00	3.60E-05	6.22E-06
9.84E-01	1.66E-01	1.69E+00	2.85E-01	5.97E-01	8.53E-02	1.25E-01	2.04E-02	4.75E+00	8.79E-01	8.99E-01	1.59E-01	4.77E-01	3.57E-02	0.00E+00	0.00E+00	3.80E-05	7.15E-06
1.03E+00	1.69E-01	1.82E+00	2.84E-01	6.14E-01	8.07E-02	1.34E-01	2.32E-02	5.10E+00	8.73E-01	1.01E+00	1.62E-01	5.13E-01	3.87E-02	0.00E+00	0.00E+00	3.96E-05	8.62E-06
1.49E+00	1.76E-01	2.63E+00	2.77E-01	8.17E-01	8.29E-02	1.43E-01	2.48E-02	7.31E+00	8.39E-01	1.45E+00	1.62E-01	4.27E-01	3.75E-02	0.00E+00	0.00E+00	4.75E-05	8.52E-06
1.99E+00	2.06E-01	3.38E+00	2.93E-01	1.01E+00	1.11E-01	1.97E-01	2.53E-02	9.38E+00	8.14E-01	1.90E+00	1.79E-01	2.88E-01	4.12E-02	0.00E+00	0.00E+00	5.91E-05	1.29E-05
2.05E+00	2.44E-01	3.50E+00	3.57E-01	1.02E+00	1.33E-01	1.98E-01	2.94E-02	1.01E+01	9.02E-01	1.98E+00	2.14E-01	2.44E-01	4.68E-02	0.00E+00	0.00E+00	6.98E-05	1.68E-05
1.69E+00	2.69E-01	3.05E+00	3.98E-01	8.84E-01	1.34E-01	1.45E-01	3.19E-02	9.30E+00	1.17E+00	1.68E+00	2.37E-01	2.07E-01	4.93E-02	0.00E+00	0.00E+00	7.21E-05	1.73E-05
1.24E+00	2.67E-01	2.40E+00	3.90E-01	7.06E-01	1.12E-01	1.71E-01	3.40E-02	7.74E+00	1.25E+00	1.29E+00	2.36E-01	2.57E-01	5.86E-02	0.00E+00	0.00E+00	2.03E-05	5.71E-06
1.52E+00	2.86E-01	2.30E+00	4.18E-01	7.53E-01	1.11E-01	1.86E-01	3.92E-02	6.35E+00	1.11E+00	1.33E+00	2.53E-01	2.98E-01	6.60E-02	0.00E+00	0.00E+00	2.02E-05	6.01E-06
1.61E+00	2.95E-01	2.67E+00	4.22E-01	7.92E-01	1.16E-01	2.07E-01	3.96E-02	7.47E+00	1.12E+00	1.50E+00	2.51E-01	3.24E-01	6.31E-02	0.00E+00	0.00E+00	1.88E-05	6.09E-06
1.89E+00	2.70E-01	3.08E+00	3.90E-01	9.85E-01	1.21E-01	2.11E-01	3.38E-02	8.05E+00	9.57E-01	1.72E+00	2.34E-01	2.80E-01	4.89E-02	0.00E+00	0.00E+00	1.90E-05	5.84E-06
1.80E+00	2.28E-01	3.25E+00	3.59E-01	1.05E+00	1.20E-01	1.70E-01	2.93E-02	9.00E+00	9.24E-01	1.76E+00	2.04E-01	2.88E-01	5.00E-02	0.00E+00	0.00E+00	2.04E-05	5.77E-06
2.27E+00	2.50E-01	3.08E+00	3.49E-01	9.51E-01	1.14E-01	2.99E-01	3.24E-02	8.94E+00	1.01E+00	1.93E+00	2.13E-01	4.68E-01	5.47E-02	0.00E+00	0.00E+00	2.20E-05	6.56E-06
3.98E+00	2.63E-01	6.19E+00	3.50E-01	1.80E+00	1.30E-01	4.44E-01	3.47E-02	1.61E+01	9.62E-01	3.63E+00	2.24E-01	6.15E-01	5.81E-02	0.00E+00	0.00E+00	2.49E-05	6.76E-06
4.31E+00	2.61E-01	7.22E+00	3.64E-01	1.96E+00	1.16E-01	4.08E-01	3.57E-02	2.16E+01	1.04E+00	4.16E+00	2.27E-01	5.13E-01	5.94E-02	0.00E+00	0.00E+00	2.44E-05	7.30E-06
2.68E+00	2.54E-01	4.60E+00	3.60E-01	1.10E+00	1.13E-01	2.32E-01	3.66E-02	1.53E+01	8.70E-01	2.69E+00	2.24E-01	4.22E-01	6.94E-02	0.00E+00	0.00E+00	2.36E-05	6.64E-06
2.00E+00	3.29E-01	3.25E+00	3.93E-01	9.45E-01	1.08E-01	3.27E-01	4.91E-02	8.95E+00	9.65E-01	1.85E+00	2.58E-01	5.87E-01	8.96E-02	0.00E+00	0.00E+00	2.55E-05	4.74E-06
2.48E+00	4.27E-01	3.87E+00	5.86E-01	1.15E+00	1.49E-01	3.41E-01	5.97E-02	1.05E+01	1.38E+00	2.26E+00	3.71E-01	5.85E-01	1.07E-01	0.00E+00	0.00E+00	2.77E-05	3.67E-06
2.96E+00	3.64E-01	4.14E+00	5.11E-01	1.16E+00	1.45E-01	3.69E-01	5.44E-02	9.96E+00	1.44E+00	2.57E+00	3.01E-01	6.46E-01	9.94E-02	0.00E+00	0.00E+00	3.31E-05	3.44E-06
2.45E+00	2.40E-01	4.06E+00	3.43E-01	1.17E+00	1.49E-01	2.90E-01	3.30E-02	1.20E+01	8.69E-01	2.35E+00	2.09E-01	4.62E-01	5.39E-02	0.00E+00	0.00E+00	3.58E-05	2.60E-06
2.18E+00	2.50E-01	3.33E+00	4.34E-01	1.29E+00	1.78E-01	2.63E-01	3.51E-02	9.52E+00	1.10E+00	2.01E+00	2.34E-01	4.90E-01	6.05E-02	0.00E+00	0.00E+00	2.98E-05	2.99E-06
2.63E+00	3.01E-01	4.43E+00	5.07E-01	1.49E+00	2.17E-01	2.76E-01	4.17E-02	1.26E+01	1.70E+00	2.52E+00	2.90E-01	4.93E-01	6.69E-02	0.00E+00	0.00E+00	2.73E-05	3.21E-06
3.02E+00	2.53E-01	3.85E+00	4.91E-01	1.28E+00	9.44E-02	4.38E-01	2.69E-02	1.36E+01	1.99E+00	2.44E+00	2.82E-01	6.91E-01	4.98E-02	0.00E+00	0.00E+00	3.88E-05	4.47E-06
2.52E+00	2.37E-01	4.20E+00	3.46E-01	1.42E+00	9.85E-02	2.79E-01	2.85E-02	1.20E+01	8.49E-01	2.39E+00	2.10E-01	4.83E-01	4.30E-02	0.00E+00	0.00E+00	3.90E-05	5.00E-06
2.48E+00	2.32E-01	3.74E+00	3.39E-01	1.10E+00	1.01E-01	2.83E-01	2.83E-02	9.97E+00	8.08E-01	2.23E+00	2.03E-01	4.35E-01	4.15E-02	0.00E+00	0.00E+00	3.23E-05	3.95E-06
2.09E+00	2.76E-01	3.34E+00	3.71E-01	1.16E+00	1.02E-01	2.78E-01	3.58E-02	9.44E+00	8.15E-01	1.95E+00	2.31E-01	4.89E-01	5.66E-02	0.00E+00	0.00E+00	3.01E-05	3.70E-06
2.20E+00	3.00E-01	3.27E+00	4.04E-01	1.06E+00	1.19E-01	2.80E-01	3.87E-02	8.48E+00	9.16E-01	1.93E+00	2.55E-01	4.37E-01	6.15E-02	0.00E+00	0.00E+00	4.66E-05	4.54E-06
2.60E+00	2.71E-01	3.95E+00	3.96E-01	9.94E-01	1.11E-01	3.58E-01	4.24E-02	1.11E+01	1.12E+00	2.38E+00	2.42E-01	6.22E-01	7.33E-02	0.00E+00	0.00E+00	5.37E-05	5.18E-06
2.84E+00	2.48E-01	4.42E+00	3.24E-01	8.44E-01	8.90E-02	3.67E-01	4.00E-02	1.43E+01	8.33E-01	2.68E+00	1.95E-01	6.40E-01	7.13E-02	0.00E+00	0.00E+00	5.06E-05	4.43E-06
1.73E+00	2.17E-01	2.77E+00	3.41E-01	8.01E-01	1.03E-01	2.44E-01	3.29E-02	1.02E+01	9.69E-01	1.70E+00	1.91E-01	4.33E-01	5.91E-02	0.00E+00	0.00E+00	4.45E-05	5.17E-06
1.67E+00	2.37E-01	2.47E+00	3.04E-01	7.58E-01	8.66E-02	2.82E-01	3.40E-02	7.74E+00	9.08E-01	1.37E+00	1.90E-01	5.09E-01	5.80E-02	0.00E+00	0.00E+00	3.74E-05	4.69E-06

Scenario 4 Results

1.55E+00	2.76E-01	2.38E+00	3.42E-01	8.98E-01	9.25E-02	3.01E-01	3.83E-02	7.15E+00	7.61E-01	1.47E+00	2.23E-01	5.18E-01	6.33E-02	0.00E+00	0.00E+00	3.39E-05	5.91E-06
2.25E+00	2.73E-01	2.80E+00	3.38E-01	9.35E-01	8.72E-02	4.22E-01	3.69E-02	8.36E+00	8.08E-01	1.62E+00	2.22E-01	7.52E-01	6.19E-02	0.00E+00	0.00E+00	3.68E-05	7.38E-06
1.83E+00	2.49E-01	2.90E+00	3.70E-01	1.12E+00	1.01E-01	3.11E-01	2.84E-02	9.80E+00	9.66E-01	1.67E+00	2.27E-01	6.16E-01	4.68E-02	0.00E+00	0.00E+00	4.55E-05	7.66E-06
1.87E+00	2.07E-01	2.80E+00	3.24E-01	1.13E+00	8.97E-02	2.59E-01	2.36E-02	8.02E+00	9.28E-01	1.62E+00	1.97E-01	3.78E-01	4.08E-02	0.00E+00	0.00E+00	5.61E-05	1.32E-05
1.86E+00	2.23E-01	2.49E+00	2.82E-01	9.24E-01	1.24E-01	2.69E-01	3.32E-02	5.94E+00	6.41E-01	1.52E+00	1.75E-01	4.04E-01	5.19E-02	0.00E+00	0.00E+00	6.77E-05	1.84E-05
2.29E+00	2.82E-01	3.42E+00	4.12E-01	1.29E+00	1.34E-01	2.69E-01	3.32E-02	8.34E+00	1.02E+00	2.01E+00	2.48E-01	4.16E-01	5.05E-02	0.00E+00	0.00E+00	7.09E-05	1.92E-05
2.07E+00	3.20E-01	3.13E+00	4.91E-01	9.68E-01	1.20E-01	2.93E-01	3.59E-02	8.35E+00	1.32E+00	1.82E+00	2.91E-01	4.61E-01	5.65E-02	0.00E+00	0.00E+00	6.80E-05	1.66E-05
2.15E+00	4.02E-01	3.34E+00	6.12E-01	9.75E-01	1.53E-01	2.58E-01	4.39E-02	8.75E+00	1.61E+00	1.90E+00	3.64E-01	4.40E-01	6.75E-02	0.00E+00	0.00E+00	2.15E-05	5.46E-06
2.19E+00	3.78E-01	3.25E+00	5.89E-01	9.21E-01	1.34E-01	2.52E-01	4.34E-02	9.91E+00	1.58E+00	1.94E+00	3.39E-01	3.98E-01	6.89E-02	0.00E+00	0.00E+00	2.12E-05	5.78E-06
1.75E+00	3.83E-01	3.09E+00	5.40E-01	1.09E+00	1.49E-01	2.56E-01	4.78E-02	9.15E+00	1.23E+00	1.73E+00	3.29E-01	4.09E-01	7.44E-02	0.00E+00	0.00E+00	2.23E-05	6.04E-06
1.97E+00	4.53E-01	3.65E+00	6.64E-01	1.03E+00	1.58E-01	2.48E-01	5.42E-02	1.06E+01	1.54E+00	2.02E+00	3.76E-01	4.30E-01	8.47E-02	0.00E+00	0.00E+00	2.19E-05	6.27E-06
2.14E+00	4.90E-01	2.93E+00	7.58E-01	8.07E-01	1.95E-01	2.85E-01	5.59E-02	7.86E+00	1.69E+00	1.84E+00	4.21E-01	4.59E-01	8.26E-02	0.00E+00	0.00E+00	1.97E-05	6.12E-06
1.88E+00	4.43E-01	2.96E+00	7.29E-01	8.10E-01	1.93E-01	2.82E-01	4.56E-02	7.99E+00	1.86E+00	1.75E+00	4.03E-01	5.41E-01	7.13E-02	0.00E+00	0.00E+00	1.89E-05	5.63E-06
1.83E+00	4.20E-01	2.70E+00	5.40E-01	6.98E-01	1.35E-01	2.85E-01	5.46E-02	7.42E+00	1.51E+00	1.66E+00	3.52E-01	5.38E-01	9.25E-02	0.00E+00	0.00E+00	1.93E-05	5.77E-06
1.79E+00	4.83E-01	2.71E+00	6.67E-01	7.05E-01	1.53E-01	2.12E-01	5.83E-02	8.26E+00	1.63E+00	1.63E+00	4.19E-01	3.54E-01	9.75E-02	0.00E+00	0.00E+00	2.12E-05	5.94E-06
1.82E+00	5.80E-01	2.70E+00	7.79E-01	6.99E-01	1.83E-01	2.61E-01	8.18E-02	7.42E+00	1.95E+00	1.62E+00	4.84E-01	4.48E-01	1.36E-01	0.00E+00	0.00E+00	2.19E-05	5.76E-06
2.28E+00	7.62E-01	3.16E+00	1.07E+00	8.74E-01	2.90E-01	2.85E-01	9.75E-02	8.79E+00	2.47E+00	1.93E+00	6.29E-01	4.56E-01	1.52E-01	0.00E+00	0.00E+00	2.04E-05	5.24E-06
2.40E+00	8.46E-01	4.32E+00	1.35E+00	1.14E+00	3.69E-01	2.75E-01	9.29E-02	1.13E+01	3.24E+00	2.21E+00	7.53E-01	4.40E-01	1.31E-01	0.00E+00	0.00E+00	2.26E-05	4.28E-06
2.68E+00	7.35E-01	4.06E+00	1.26E+00	1.15E+00	3.40E-01	3.12E-01	8.91E-02	9.99E+00	3.39E+00	2.35E+00	6.87E-01	4.50E-01	1.46E-01	0.00E+00	0.00E+00	2.22E-05	3.47E-06
3.01E+00	8.26E-01	4.51E+00	1.18E+00	1.49E+00	2.82E-01	3.54E-01	9.53E-02	1.23E+01	3.06E+00	2.71E+00	7.29E-01	4.53E-01	1.54E-01	0.00E+00	0.00E+00	2.84E-05	3.32E-06
3.99E+00	9.47E-01	5.92E+00	1.44E+00	1.67E+00	3.27E-01	4.50E-01	1.01E-01	1.69E+01	3.92E+00	3.65E+00	8.63E-01	6.32E-01	1.57E-01	0.00E+00	0.00E+00	2.66E-05	2.95E-06
9.85E-01	1.84E-01	1.98E+00	2.94E-01	5.73E-01	8.16E-02	1.24E-01	2.21E-02	7.30E+00	9.29E-01	1.08E+00	1.72E-01	3.80E-01	3.54E-02	0.00E+00	0.00E+00	2.32E-05	3.00E-06
9.94E-01	1.76E-01	1.74E+00	2.87E-01	5.83E-01	8.74E-02	1.30E-01	2.21E-02	6.10E+00	8.73E-01	9.32E-01	1.67E-01	4.98E-01	3.88E-02	0.00E+00	0.00E+00	2.34E-05	3.82E-06
1.23E+00	1.76E-01	2.00E+00	2.96E-01	6.39E-01	8.76E-02	1.36E-01	2.48E-02	5.08E+00	9.15E-01	1.13E+00	1.66E-01	5.10E-01	4.26E-02	0.00E+00	0.00E+00	2.64E-05	4.58E-06
1.76E+00	1.81E-01	2.75E+00	2.91E-01	8.51E-01	8.10E-02	2.02E-01	2.63E-02	6.76E+00	8.93E-01	1.59E+00	1.66E-01	4.16E-01	4.21E-02	0.00E+00	0.00E+00	2.41E-05	3.50E-06
2.06E+00	1.92E-01	3.23E+00	2.86E-01	9.76E-01	9.91E-02	2.30E-01	2.65E-02	8.25E+00	8.61E-01	1.87E+00	1.68E-01	3.16E-01	3.99E-02	0.00E+00	0.00E+00	2.52E-05	3.47E-06
1.91E+00	2.39E-01	3.25E+00	3.38E-01	9.88E-01	1.31E-01	1.92E-01	2.94E-02	8.93E+00	8.59E-01	1.82E+00	2.08E-01	2.39E-01	4.76E-02	0.00E+00	0.00E+00	3.65E-05	4.82E-06
1.50E+00	2.71E-01	2.79E+00	3.88E-01	8.71E-01	1.42E-01	1.29E-01	3.27E-02	8.16E+00	1.04E+00	1.50E+00	2.37E-01	2.57E-01	5.18E-02	0.00E+00	0.00E+00	4.85E-05	4.87E-06
1.18E+00	2.90E-01	2.33E+00	4.14E-01	7.58E-01	1.34E-01	1.66E-01	3.43E-02	7.17E+00	1.27E+00	1.22E+00	2.54E-01	2.60E-01	5.83E-02	0.00E+00	0.00E+00	3.88E-05	5.84E-06
1.58E+00	3.12E-01	2.31E+00	4.50E-01	7.81E-01	1.22E-01	2.05E-01	4.27E-02	6.73E+00	1.35E+00	1.35E+00	2.77E-01	3.16E-01	7.26E-02	0.00E+00	0.00E+00	4.69E-05	4.85E-06
1.78E+00	3.33E-01	2.87E+00	4.88E-01	9.03E-01	1.32E-01	2.19E-01	4.51E-02	7.45E+00	1.28E+00	1.62E+00	2.93E-01	3.53E-01	7.33E-02	0.00E+00	0.00E+00	4.10E-05	6.61E-06
1.93E+00	2.96E-01	3.06E+00	4.12E-01	9.63E-01	1.22E-01	2.23E-01	3.81E-02	8.38E+00	1.08E+00	1.73E+00	2.54E-01	3.05E-01	5.75E-02	0.00E+00	0.00E+00	4.14E-05	6.92E-06
2.02E+00	2.60E-01	3.61E+00	4.09E-01	1.14E+00	1.35E-01	1.92E-01	3.29E-02	9.97E+00	1.03E+00	1.96E+00	2.35E-01	3.20E-01	5.62E-02	0.00E+00	0.00E+00	3.85E-05	6.30E-06
2.36E+00	2.80E-01	3.30E+00	3.92E-01	1.01E+00	1.29E-01	3.19E-01	3.63E-02	1.01E+01	1.11E+00	1.97E+00	2.38E-01	5.06E-01	6.16E-02	0.00E+00	0.00E+00	4.81E-05	1.13E-05
4.25E+00	2.83E-01	6.52E+00	3.71E-01	1.93E+00	1.32E-01	4.86E-01	3.76E-02	1.66E+01	9.58E-01	3.83E+00	2.40E-01	6.76E-01	6.24E-02	0.00E+00	0.00E+00	6.10E-05	1.63E-05
4.64E+00	2.78E-01	7.81E+00	3.98E-01	2.13E+00	1.14E-01	4.38E-01	3.86E-02	2.34E+01	1.14E+00	4.48E+00	2.41E-01	5.46E-01	6.49E-02	0.00E+00	0.00E+00	6.52E-05	1.70E-05
2.78E+00	2.71E-01	4.84E+00	3.72E-01	1.13E+00	1.16E-01	2.43E-01	4.14E-02	1.64E+01	1.06E+00	2.81E+00	2.33E-01	4.56E-01	7.81E-02	0.00E+00	0.00E+00	6.09E-05	1.41E-05
2.24E+00	3.68E-01	3.30E+00	4.11E-01	9.45E-01	1.10E-01	3.58E-01	5.50E-02	1.35E+01	9.76E-01	1.88E+00	2.86E-01	6.19E-01	9.98E-02	0.00E+00	0.00E+00	5.33E-05	1.04E-05
2.37E+00	4.26E-01	3.61E+00	6.08E-01	1.08E+00	1.58E-01	2.99E-01	6.35E-02	1.05E+01	1.56E+00	2.07E+00	3.76E-01	5.83E-01	1.15E-01	0.00E+00	0.00E+00	1.83E-05	4.77E-06
3.22E+00	3.38E-01	4.80E+00	4.28E-01	1.38E+00	1.30E-01	3.73E-01	4.99E-02	1.25E+01	1.25E+00	2.90E+00	2.72E-01	6.55E-01	8.91E-02	0.00E+00	0.00E+00	2.02E-05	4.62E-06
2.77E+00	2.68E-01	3.94E+00	4.63E-01	1.30E+00	2.03E-01	3.42E-01	3.32E-02	1.00E+01	1.05E+00	2.41E+00	2.47E-01	5.19E-01	5.72E-02	0.00E+00	0.00E+00	2.06E-05	5.08E-06
2.80E+00	3.37E-01	4.33E+00	5.84E-01	1.60E+00	2.56E-01	3.44E-01	4.79E-02	1.16E+01	1.81E+00	2.49E+00	3.31E-01	5.69E-01	7.98E-02	0.00E+00	0.00E+00	2.17E-05	5.41E-06
2.97E+00	2.91E-01	4.07E+00	5.63E-01	1.17E+00	1.40E-01	4.56E-01	3.27E-02	1.56E+01	2.02E+00	2.32E+00	3.11E-01	7.54E-01	5.08E-02	0.00E+00	0.00E+00	2.26E-05	5.76E-06
3.14E+00	2.62E-01	4.96E+00	3.69E-01	1.63E+00	1.08E-01	3.45E-01	3.29E-02	1.30E+01	1.25E+00	2.86E+00	2.27E-01	6.18E-01	5.04E-02	0.00E+00	0.00E+00	2.22E-05	5.90E-06
2.75E+00	2.61E-01	4.09E+00	3.79E-01	1.23E+00	1.12E-01	3.21E-01	3.19E-02	1.20E+01	8.94E-01	2.45E+00	2.27E-01	4.73E-01	4.72E-02	0.00E+00	0.00E+00	1.89E-05	5.59E-06
2.33E+00	3.13E-01	3.74E+00	4.17E-01	1.26E+00	1.14E-01	3.06E-01	4.12E-02	1.08E+01	9.08E-01	2.18E+00	2.61E-01	5.99E-01	6.54E-02	0.00E+00	0.00E+00	2.00E-05	4.77E-06
2.46E+00	3.43E-01	3.47E+00	4.59E-01	1.12E+00	1.31E-01	3.24E-01	4.44E-02	9.56E+00	1.04E+00	2.08E+00	2.90E-01	5.13E-01	7.08E-02	0.00E+00	0.00E+00	2.00E-05	4.79E-06
3.09E+00	3.19E-01	4.58E+00	4.41E-01	1.12E+00	1.24E-01	3.96E-01	5.37E-02	1.28E+01	1.12E+00	2.80E+00	2.69E-01	6.81E-01	9.35E-02	0.00E+00	0.00E+00	2.20E-05	5.06E-06
3.11E+00	2.80E-01	4.74E+00	3.70E-01	8.95E-01	1.02E-01	3.50E-01	4.40E-02	1.53E+01	9.34E-01	2.91E+00	2.23E-01	6.29E-01	7.97E-02	0.00E+00	0.00E+00	2.23E-05	5.69E-06
1.90E+00	2.57E-01	2.70E+00	3.67E-01	9.80E-01	1.11E-01	3.02E-01	3.78E-02	8.41E+00	1.06E+00	1.64E+00	2.03E-01	5.40E-01	6.81E-02	0.00E+00	0.00E+00	2.74E-05	5.14E-06
1.89E+00	2.97E-01	2.76E+00	3.62E-01	9.56E-01	9.61E-02	3.04E-01	4.25E-02	8.34E+00	8.16E-01	1.66E+00	2.37E-01	5.79E-01	7.15E-02	0.00E+00	0.00E+00	2.53E-05	3.61E-06
2.25E+00	3.22E-01	2.99E+00	3.99E-01	1.15E+00	9.76E-02	4.27E-01	4.43E-02	8.00E+00	8.91E-01	1.74E+00	2.60E-01	7.49E-01	7.33E-02	0.00E+00	0.00E+00	1.88E-05	2.97E-06
2.21E+00	2.77E-01	3.33E+00	4.01E-01	1.15E+00	1.11E-01	3.92E-01	3.50E-02	1.06E+01	1.00E+00	1.96E+00	2.47E-01	7.45E-01	5.92E-02	0.00E+00	0.00E+00	2.01E-05	2.47E-06
2.12E+00	2.57E-01	3.28E+00	3.96E-01	1.31E+00	1.03E-01	2.84E-01	2.74E-02	1.04E+01	1.10E+00	1.85E+00	2.40E-01	4.37E-01	4.16E-02	0.00E+00	0.00E+00	1.95E-05	2.46E-06
2.07E+00	2.34E-01	3.01E+00	2.85E-01	1.17E+00	1.34E-01	2.89E-01	3.64E-02	8.18E+00	8.39E-01	1.75E+00	1.77E-01	4.91E-01	5.86E-02	0.00E+00	0.00E+00	1.76E-05	3.27E-06
2.49E+00	3.04E-01	3.68E+00	4.40E-01	1.40E+00	1.61E-01	2.94E-01	3.66E-02	8.93E+00	1.06E+00	2.17E+00	2.66E-01	4.45E-01	5.58E-02	0.00E+00	0.00E+00	2.14E-05	2.91E-06
2.30E+00	3.53E-01	3.63E+00	5.39E-01	9.87E-01	1.32E-01	3.12E-01	3.83E-02	9.69E+00	1.44E+00	2.10E+00	3.21E-01	4.92E-01	6.04E-02	0.00E+00	0.00E+00	2.68E-05	3.02E-06
2.32E+00	4.39E-01	3.62E+00	6.63E-01	1.18E+00	1.64E-01	2.76E-01	4.80E-02	9.54E+00	1.75E+00	2.04E+00	3.96E-01	5.18E-01	7.39E-02	0.00E+00	0.00E+00	5.42E-05	3.82E-06
2.19E+00	3.91E-01	3.74E+00	6.04E-01	1.11E+00	1.36E-01	2.60E-01	4.71E-02	1.18E+01	1.62E+00	2.14E+00	3.49E-01	4.21E-01	7.47E-02	0.00E+00	0.00E+00	5.32E-05	6.42E-06
1.88E+00	4.29E-01	3.33E+00	6.08E-01	1.19E+00	1.66E-01	2.74E-01	5.29E-02	1.09E+01	1.41E+00	1.93E+00	3.70E-01	4.54E-01	8.22E-02	0.00E+00	0.00E+00	5.50E-05	5.85E-06
2.04E+00	5.13E-01	3.55E+00	7.61E-01	1.21E+00	1.87E-01	2.88E-01	6.11E-02	9.43E+00	1.69E+00	1.91E+00	4.28E-01	4.91E-01	9.43E-02	0.00E+00	0.00E+00	5.09E-05	9.04E-06
2.47E+00	5.67E-01	3.52E+00	8.98E-01	9.94E-01	2.36E-01	3.10E-01	6.25E-02	8.57E+00	2.09E+00	2.13E+00	4.97E-01	4.84E-01	9.00E-02	0.00E+00	0.00E+00	5.35E-05	9.21E-06
2.11E+00	4.02E-01	3.04E+00	6.70E-01	7.59E-01	1.73E-01	2.43E-01	5.07E-02	8.05E+00	1.79E+00	1.94E+00	3.71E-01	4.48E-01	8.60E-02	0.00E+00	0.00E+00	4.93E-05	8.10E-06
1.88E+00	4.78E-01	2.88E+00	6.33E-01	6.47E-01	1.47E-01	2.62E-01	6.05E-02	8.34E+00	1.46E+00	1.75E+00	4.05E-01	4.96E-01	1.02E-01	0.00E+00	0.00E+00	4.22E-05	1.10E-05
1.66E+00	5.17E-01	2.56E+00	7.04E-01	6.48E-01	1.65E-01	2.27E-01	7.11E-02	6.97E+00	1.69E+00	1.51E+00	4.45E-01	4.10E-01	1.20E-01	0.00E+00	0.00E+00	4.26E-05	1.17E-05
1.91E+00	6.46E-01	2.75E+00	8.51E-01	6.93E-01	2.27E-01	2.65E-01	8.76E-02	6.96E+00	2.09E+00	1.62E+00	5.19E-01	4.43E-01	1.42E-01	0.00E+00	0.00E+00	4.98E-05	1.09E-05
2.00E+00	7.38E-01	3.27E+00	1.10E+00	8.73E-01	3.01E-01	2.43E-01	8.85E-02	8.03E+00	2.39E+00	1.77E+00	6.29E-01	4.24E-01	1.33E-01	0.00E+00	0.00E+00	4.85E-05	8.56E-06
2.53E+00	7.86E-01	3.98E+00	1.32E+00	1.13E+00	3.55E-01	2.98E-01	9.35E-02	1.09E+01	3.38E+00	2.19E+00	7.19E-01	4.35E-01	1.55E-01	0.00E+00	0.00E+00	5.32E-05	8.24E-06
2.81E+00	8.94E-01	4.37E+00	1.28E+00	1.45E+00	3.02E-01	3.39E-01	1.02E-01	1.11E+01	3.30E+00	2.51E+00	7.91E-01	4.71E-01	1.66E-01	0.00E+00	0.00E+00	5.52E-05	7.94E-06
3.88E+00	8.97E-01	5.66E+00	1.37E+00	1.67E+00	2.99E-01	4.55E-01	9.41E-02	1.56E+01	3.75E+00	3.49E+00	8.21E-01	6.37E-01	1.49E-01	0.00E+00	0.00E+00	1.98E-05	4.96E-06
3.52E+00	7.21E-01	4.90E+00	1.15E+00	1.24E+00	2.46E-01	4.21E-01	6.99E-02	1.30E+01	3.30E+00	3.13E+00	6.78E-01	6.63E-01	1.09E-01	0.00E+00	0.00E+00	1.92E-05	5.02E-06
2.32E+00	5.54E-01	3.24E+00	8.54E-01	1.01E+00	2.49E-01	2.94E-01	6.29E-02	8.07E+00	2.23E+00	1.98E+00	4.93E-01	5.23E-01	9.69E-02	0.00E+00	0.00E+00	1.82E-05	4.91E-06
1.37E+00	2.21E-01	2.67E+00	3.48E-01	8.17E-01	9.93E-02	1.22E-01	2.44E-02	8.89E+00	1.10E+00	1.44E+00	2.11E-01	2.48E-01	3.95E-02	0.00E+00	0.00E+00	1.79E-05	4.66E-06
1.23E+00	1.98E-01	2.44E+00	3.26E-01	7.46E-01	9.36E-02	1.31E-01	2.43E-02	8.55E+00	1.06E+00	1.32E+00	1.92E-01	3.97E-01	3.90E-02	0.00E+00	0.00E+00	1.77E-05	4.26E-06
1.02E+00	1.97E-01	2.05E+00	3.14E-01	5.99E-01	8.64E-02	1.32E-01	2.42E-02	7.44E+00	9.91E-01	1.10E+00	1.84E-01	5.04E-01	4.21E-02	0.00E+00	0.00E+00	1.99E-05	4.65E-06
1.34E+00	1.93E-01	1.89E+00	3.07E-01	5.93E-01	9.19E-02	1.75E-01	2.71E-02	6.47E+00	9.21E-01	1.15E+00	1.78E-01	5.15E-01	4.72E-02	0.00E+00	0.00E+00	2.05E-05	4.89E-06
1.78E+00	1.99E-01	2.50E+00	3.08E-01	7.69E-01	9.05E-02	2.29E-01	2.88E-02	5.46E+00	9.52E-01	1.52E+00	1.73E-01	4.24E-01	4.83E-02	0.00E+00	0.00E+00	1.98E-05	4.87E-06
1.89E+00	2.02E-01	2.89E+00	3.08E-01	8.92E-01	8.79E-02	2.24E-01	2.90E-02	6.89E+00	9.44E-01	1.69E+00	1.78E-01	3.17E-01	4.44E-02	0.00E+00	0.00E+00	2.05E-05	5.06E-06
1.64E+00	2.15E-01	2.80E+00	3.01E-01	8.83E-01	1.15E-01	1.70E-01	2.72E-02	7.26E+00	8.86E-01	1.55E+00	1.85E-01	2.89E-01	4.51E-02	0.00E+00	0.00E+00	2.33E-05	4.87E-06
1.43E+00	2.60E-01	2.53E+00	3.61E-01	8.16E-01	1.40E-01	1.83E-01	3.21E-02	7.36E+00	8.77E-01	1.39E+00	2.26E-01	3.66E-01	5.20E-02	0.00E+00	0.00E+00	2.64E-05	6.08E-06
1.42E+00	3.05E-01	2.48E+00	4.29E-01	7.80E-01	1.50E-01	1.69E-01	3.66E-02	7.26E+00	1.23E+00	1.38E+00	2.67E-01	3.50E-01	5.73E-02	0.00E+00	0.00E+00	2.74E-05	6.74E-06
1.49E+00	3.22E-01	2.15E+00	4.69E-01	8.08E-01	1.45E-01	2.06E-01	4.28E-02	6.48E+00	1.44E+00	1.24E+00	2.85E-01	3.19E-01	7.36E-02	0.00E+00	0.00E+00	3.34E-05	6.27E-06
1.76E+00	3.44E-01	2.70E+00	4.89E-01	8.90E-01	1.29E-01	2.18E-01	4.71E-02	6.41E+00	1.26E+00	1.54E+00	3.00E-01	3.65E-01	7.84E-02	0.00E+00	0.00E+00	2.95E-05	3.58E-06
2.02E+00	3.45E-01	3.11E+00	5.01E-01	9.63E-01	1.37E-01	2.39E-01	4.53E-02	8.97E+00	1.31E+00	1.78E+00	3.01E-01	3.38E-01	7.03E-02	0.00E+00	0.00E+00	1.50E-05	2.36E-06
2.27E+00	3.10E-01	4.02E+00	4.73E-01	1.24E+00	1.53E-01	2.18E-01	3.73E-02	1.10E+01	1.16E+00	2.19E+00	2.76E-01	3.64E-01	6.38E-02	0.00E+00	0.00E+00	1.34E-05	1.56E-06
2.46E+00	3.10E-01	3.76E+00	4.33E-01	1.13E+00	1.44E-01	3.43E-01	4.04E-02	1.15E+01	1.20E+00	2.02E+00	2.63E-01	5.51E-01	6.89E-02	0.00E+00	0.00E+00	1.59E-05	2.24E-06
4.57E+00	3.11E-01	6.96E+00	4.06E-01	2.11E+00	1.36E-01	5.32E-01	4.15E-02	1.72E+01	1.03E+00	4.08E+00	2.63E-01	7.39E-01	6.90E-02	0.00E+00	0.00E+00	1.92E-05	2.13E-06
4.87E+00	2.92E-01	8.23E+00	4.19E-01	2.28E+00	1.22E-01	4.60E-01	4.11E-02	2.45E+01	1.29E+00	4.70E+00	2.52E-01	5.68E-01	6.98E-02	0.00E+00	0.00E+00	3.71E-05	3.06E-06
2.80E+00	2.98E-01	4.95E+00	3.82E-01	1.16E+00	1.17E-01	2.51E-01	4.60E-02	1.69E+01	1.32E+00	2.85E+00	2.44E-01	4.70E-01	8.62E-02	0.00E+00	0.00E+00	7.11E-05	6.54E-06
2.52E+00	4.20E-01	3.69E+00	5.21E-01	9.91E-01	1.19E-01	3.84E-01	6.29E-02	9.65E+00	1.13E+00	2.22E+00	3.45E-01	6.39E-01	1.13E-01	0.00E+00	0.00E+00	6.05E-05	8.02E-06
3.02E+00	4.65E-01	4.03E+00	6.35E-01	1.11E+00	1.72E-01	3.97E-01	6.96E-02	1.11E+01	1.71E+00	2.55E+00	3.83E-01	6.73E-01	1.26E-01	0.00E+00	0.00E+00	7.04E-05	1.35E-05
3.14E+00	3.33E-01	4.94E+00	4.80E-01	1.38E+00	2.00E-01	3.32E-01	4.74E-02	1.42E+01	1.16E+00	2.93E+00	2.79E-01	5.97E-01	7.86E-02	0.00E+00	0.00E+00	6.73E-05	1.36E-05
2.92E+00	3.66E-01	4.35E+00	6.26E-01	1.48E+00	2.43E-01	3.95E-01	4.56E-02	1.19E+01	1.63E+00	2.64E+00	3.45E-01	6.14E-01	7.74E-02	0.00E+00	0.00E+00	6.62E-05	1.42E-05
2.71E+00	3.47E-01	4.93E+00	5.87E-01	1.43E+00	2.10E-01	3.96E-01	4.53E-02	1.66E+01	1.95E+00	2.79E+00	3.47E-01	6.82E-01	7.12E-02	0.00E+00	0.00E+00	4.89E-05	1.36E-05
3.64E+00	2.72E-01	5.35E+00	3.91E-01	1.75E+00	1.08E-01	4.46E-01	3.62E-02	1.26E+01	1.62E+00	3.17E+00	2.29E-01	7.20E-01	5.68E-02	0.00E+00	0.00E+00	4.02E-05	8.94E-06

Scenario 4 Results

2.92E+00	2.84E-01	4.23E+00	4.03E-01	1.23E+00	1.18E-01	3.53E-01	3.57E-02	1.38E+01	9.25E-01	2.56E+00	2.45E-01	5.28E-01	5.55E-02	0.00E+00	0.00E+00	4.39E-05	5.94E-06
2.57E+00	3.42E-01	4.08E+00	4.52E-01	1.24E+00	1.23E-01	3.49E-01	4.53E-02	1.17E+01	9.85E-01	2.39E+00	2.83E-01	6.74E-01	7.27E-02	0.00E+00	0.00E+00	5.28E-05	6.82E-06
2.66E+00	3.81E-01	3.57E+00	5.03E-01	1.21E+00	1.35E-01	3.61E-01	5.09E-02	1.01E+01	1.11E+00	2.23E+00	3.20E-01	6.23E-01	9.00E-02	0.00E+00	0.00E+00	5.86E-05	7.57E-06
3.59E+00	3.50E-01	5.07E+00	4.76E-01	1.17E+00	1.32E-01	4.28E-01	5.82E-02	1.38E+01	1.14E+00	3.18E+00	2.92E-01	7.40E-01	1.03E-01	0.00E+00	0.00E+00	6.19E-05	7.95E-06
2.84E+00	2.99E-01	4.31E+00	4.05E-01	9.58E-01	1.14E-01	2.94E-01	4.47E-02	1.43E+01	1.01E+00	2.66E+00	2.42E-01	5.26E-01	8.27E-02	0.00E+00	0.00E+00	6.09E-05	7.65E-06
2.08E+00	3.20E-01	3.00E+00	3.74E-01	9.62E-01	1.09E-01	3.55E-01	4.69E-02	8.58E+00	1.02E+00	1.77E+00	2.52E-01	6.58E-01	8.27E-02	0.00E+00	0.00E+00	2.17E-05	4.09E-06
2.11E+00	3.61E-01	3.20E+00	4.39E-01	1.26E+00	1.14E-01	3.86E-01	5.11E-02	8.41E+00	8.52E-01	1.94E+00	2.88E-01	6.71E-01	8.46E-02	0.00E+00	0.00E+00	2.29E-05	4.40E-06
2.36E+00	3.16E-01	3.63E+00	4.23E-01	1.23E+00	1.13E-01	3.75E-01	4.04E-02	1.06E+01	9.39E-01	2.13E+00	2.67E-01	7.05E-01	6.78E-02	0.00E+00	0.00E+00	2.32E-05	4.63E-06
2.45E+00	2.92E-01	3.79E+00	4.41E-01	1.43E+00	1.19E-01	3.17E-01	3.27E-02	1.13E+01	1.17E+00	2.19E+00	2.67E-01	4.89E-01	4.87E-02	0.00E+00	0.00E+00	2.23E-05	4.64E-06
2.38E+00	2.21E-01	3.63E+00	3.43E-01	1.45E+00	1.30E-01	3.21E-01	3.61E-02	9.57E+00	1.03E+00	2.06E+00	2.05E-01	5.54E-01	6.04E-02	0.00E+00	0.00E+00	2.09E-05	4.49E-06
2.33E+00	3.01E-01	3.41E+00	4.26E-01	1.29E+00	1.65E-01	3.01E-01	3.99E-02	7.83E+00	9.87E-01	2.00E+00	2.59E-01	4.48E-01	5.98E-02	0.00E+00	0.00E+00	2.01E-05	4.22E-06
2.78E+00	4.03E-01	4.39E+00	6.15E-01	1.28E+00	1.52E-01	3.49E-01	4.39E-02	1.19E+01	1.63E+00	2.55E+00	3.66E-01	5.51E-01	6.70E-02	0.00E+00	0.00E+00	1.93E-05	3.82E-06
2.67E+00	5.05E-01	4.23E+00	7.67E-01	1.42E+00	1.90E-01	3.19E-01	5.52E-02	1.11E+01	2.02E+00	2.35E+00	4.56E-01	6.14E-01	8.46E-02	0.00E+00	0.00E+00	1.78E-05	3.53E-06
2.43E+00	4.48E-01	4.27E+00	6.86E-01	1.33E+00	1.57E-01	2.91E-01	5.54E-02	1.35E+01	1.80E+00	2.38E+00	3.97E-01	4.72E-01	8.76E-02	0.00E+00	0.00E+00	2.08E-05	4.47E-06
2.04E+00	4.68E-01	3.79E+00	6.67E-01	1.24E+00	1.80E-01	2.78E-01	5.71E-02	1.28E+01	1.58E+00	2.15E+00	4.07E-01	4.95E-01	8.89E-02	0.00E+00	0.00E+00	2.55E-05	5.46E-06
2.38E+00	6.06E-01	3.31E+00	9.16E-01	1.33E+00	2.32E-01	3.42E-01	7.10E-02	9.53E+00	1.96E+00	1.97E+00	5.12E-01	5.68E-01	1.07E-01	0.00E+00	0.00E+00	2.71E-05	6.06E-06
2.49E+00	5.80E-01	3.73E+00	9.39E-01	1.03E+00	2.46E-01	2.91E-01	6.16E-02	9.16E+00	2.29E+00	2.22E+00	5.18E-01	4.44E-01	8.68E-02	0.00E+00	0.00E+00	3.16E-05	6.68E-06
2.34E+00	5.08E-01	3.34E+00	6.59E-01	8.37E-01	1.64E-01	2.71E-01	6.54E-02	8.89E+00	1.87E+00	2.15E+00	4.28E-01	4.37E-01	1.10E-01	0.00E+00	0.00E+00	3.78E-05	8.24E-06
2.05E+00	4.96E-01	2.84E+00	6.55E-01	6.97E-01	1.58E-01	2.44E-01	6.41E-02	7.40E+00	1.52E+00	1.86E+00	4.20E-01	4.04E-01	1.10E-01	0.00E+00	0.00E+00	4.51E-05	8.57E-06
1.87E+00	6.39E-01	2.65E+00	8.60E-01	6.80E-01	2.21E-01	2.71E-01	8.85E-02	6.49E+00	2.17E+00	1.63E+00	5.32E-01	4.60E-01	1.45E-01	0.00E+00	0.00E+00	3.66E-05	3.63E-06
1.83E+00	6.86E-01	2.59E+00	9.88E-01	7.04E-01	2.72E-01	2.36E-01	8.59E-02	6.60E+00	2.14E+00	1.57E+00	5.75E-01	4.17E-01	1.32E-01	0.00E+00	0.00E+00	1.35E-05	1.51E-06
1.81E+00	6.12E-01	2.91E+00	9.75E-01	7.29E-01	2.67E-01	2.34E-01	7.42E-02	7.53E+00	2.29E+00	1.55E+00	5.41E-01	4.03E-01	1.26E-01	0.00E+00	0.00E+00	1.47E-05	2.04E-06
1.99E+00	6.54E-01	3.10E+00	9.05E-01	8.44E-01	2.26E-01	2.29E-01	7.74E-02	7.09E+00	2.27E+00	1.72E+00	5.72E-01	3.85E-01	1.31E-01	0.00E+00	0.00E+00	1.77E-05	1.98E-06
2.96E+00	6.84E-01	4.11E+00	1.02E+00	1.33E+00	2.08E-01	3.80E-01	7.33E-02	1.03E+01	2.74E+00	2.56E+00	6.20E-01	5.30E-01	1.22E-01	0.00E+00	0.00E+00	7.74E-05	4.99E-06
3.98E+00	6.81E-01	5.49E+00	1.07E+00	1.46E+00	2.84E-01	4.88E-01	7.89E-02	1.42E+01	3.11E+00	3.50E+00	6.32E-01	7.54E-01	1.23E-01	0.00E+00	0.00E+00	9.25E-05	1.32E-05
3.06E+00	7.71E-01	4.45E+00	1.18E+00	1.34E+00	3.35E-01	3.79E-01	8.47E-02	1.13E+01	3.03E+00	2.65E+00	6.93E-01	6.60E-01	1.29E-01	0.00E+00	0.00E+00	1.15E-04	2.24E-05
3.05E+00	7.17E-01	4.69E+00	1.13E+00	1.41E+00	2.88E-01	3.55E-01	7.48E-02	1.18E+01	3.02E+00	2.72E+00	6.56E-01	4.94E-01	1.11E-01	0.00E+00	0.00E+00	1.10E-04	2.04E-05
3.03E+00	6.10E-01	5.09E+00	9.84E-01	1.35E+00	2.32E-01	2.98E-01	6.08E-02	1.44E+01	2.69E+00	2.89E+00	5.65E-01	4.53E-01	8.96E-02	0.00E+00	0.00E+00	9.06E-05	2.52E-05
1.64E+00	2.56E-01	2.81E+00	3.85E-01	7.52E-01	1.05E-01	1.70E-01	2.87E-02	7.81E+00	1.03E+00	1.57E+00	2.39E-01	2.72E-01	4.35E-02	0.00E+00	0.00E+00	6.48E-05	1.44E-05
1.65E+00	2.52E-01	2.98E+00	3.84E-01	8.29E-01	1.10E-01	1.64E-01	2.78E-02	9.07E+00	1.11E+00	1.64E+00	2.37E-01	2.69E-01	4.11E-02	0.00E+00	0.00E+00	5.19E-05	8.32E-06
1.50E+00	2.37E-01	2.84E+00	3.74E-01	8.68E-01	1.11E-01	1.46E-01	2.56E-02	9.30E+00	1.14E+00	1.54E+00	2.26E-01	3.94E-01	4.15E-02	0.00E+00	0.00E+00	4.45E-05	6.97E-06
1.30E+00	2.20E-01	2.54E+00	3.65E-01	8.12E-01	1.08E-01	1.44E-01	2.66E-02	8.82E+00	1.14E+00	1.38E+00	2.13E-01	5.08E-01	4.49E-02	0.00E+00	0.00E+00	5.30E-05	6.37E-06
1.28E+00	2.19E-01	2.19E+00	3.46E-01	6.50E-01	9.61E-02	1.88E-01	2.97E-02	7.47E+00	1.08E+00	1.17E+00	2.03E-01	5.26E-01	5.18E-02	0.00E+00	0.00E+00	5.94E-05	6.91E-06
1.57E+00	2.27E-01	2.03E+00	3.37E-01	6.28E-01	9.79E-02	2.19E-01	3.21E-02	6.93E+00	1.01E+00	1.28E+00	1.95E-01	4.34E-01	5.52E-02	0.00E+00	0.00E+00	6.20E-05	8.72E-06
1.59E+00	2.22E-01	2.31E+00	3.21E-01	7.34E-01	9.42E-02	2.04E-01	3.20E-02	5.68E+00	9.88E-01	1.37E+00	1.82E-01	3.01E-01	5.24E-02	0.00E+00	0.00E+00	6.23E-05	9.93E-06
1.50E+00	2.14E-01	2.37E+00	3.13E-01	7.64E-01	9.95E-02	1.67E-01	3.01E-02	6.30E+00	9.51E-01	1.38E+00	1.85E-01	3.06E-01	4.44E-02	0.00E+00	0.00E+00	5.89E-05	1.01E-05
1.53E+00	2.44E-01	2.46E+00	3.39E-01	7.60E-01	1.32E-01	2.06E-01	3.08E-02	6.54E+00	9.45E-01	1.41E+00	2.11E-01	3.89E-01	5.10E-02	0.00E+00	0.00E+00	1.89E-05	4.01E-06
1.47E+00	3.02E-01	2.38E+00	4.16E-01	7.47E-01	1.58E-01	2.17E-01	3.69E-02	6.38E+00	1.08E+00	1.36E+00	2.62E-01	4.18E-01	5.91E-02	0.00E+00	0.00E+00	1.94E-05	3.87E-06
1.42E+00	3.33E-01	2.10E+00	4.72E-01	8.05E-01	1.53E-01	1.97E-01	4.01E-02	6.61E+00	1.37E+00	1.21E+00	2.92E-01	3.91E-01	7.00E-02	0.00E+00	0.00E+00	2.08E-05	3.79E-06
1.75E+00	3.63E-01	2.55E+00	4.92E-01	9.39E-01	1.43E-01	2.29E-01	4.98E-02	6.83E+00	1.46E+00	1.48E+00	3.08E-01	3.82E-01	8.46E-02	0.00E+00	0.00E+00	2.17E-05	3.71E-06
2.03E+00	3.83E-01	3.22E+00	5.54E-01	1.08E+00	1.48E-01	2.54E-01	5.14E-02	8.53E+00	1.43E+00	1.81E+00	3.38E-01	3.75E-01	8.23E-02	0.00E+00	0.00E+00	2.23E-05	3.57E-06
2.43E+00	3.50E-01	4.19E+00	5.08E-01	1.27E+00	1.58E-01	2.42E-01	4.33E-02	1.12E+01	1.28E+00	2.30E+00	3.07E-01	3.75E-01	6.90E-02	0.00E+00	0.00E+00	2.18E-05	3.52E-06
2.54E+00	3.40E-01	4.33E+00	4.75E-01	1.28E+00	1.57E-01	3.66E-01	4.45E-02	1.31E+01	1.27E+00	2.32E+00	2.88E-01	5.93E-01	7.62E-02	0.00E+00	0.00E+00	2.07E-05	3.51E-06
4.62E+00	3.29E-01	6.91E+00	4.32E-01	2.14E+00	1.50E-01	5.57E-01	4.40E-02	1.63E+01	1.07E+00	4.05E+00	2.77E-01	7.81E-01	7.38E-02	0.00E+00	0.00E+00	2.11E-05	3.86E-06
4.92E+00	3.09E-01	8.29E+00	4.59E-01	2.36E+00	1.24E-01	4.77E-01	4.39E-02	2.41E+01	1.60E+00	4.70E+00	2.67E-01	5.88E-01	7.46E-02	0.00E+00	0.00E+00	2.27E-05	4.53E-06
2.88E+00	3.43E-01	5.18E+00	4.17E-01	1.24E+00	1.24E-01	2.65E-01	5.26E-02	1.76E+01	1.20E+00	2.95E+00	2.68E-01	4.97E-01	9.80E-02	0.00E+00	0.00E+00	2.44E-05	5.18E-06
2.87E+00	4.96E-01	4.21E+00	6.46E-01	1.15E+00	1.54E-01	4.20E-01	7.45E-02	1.13E+01	1.50E+00	2.50E+00	4.15E-01	6.70E-01	1.34E-01	0.00E+00	0.00E+00	2.56E-05	5.85E-06
3.84E+00	4.98E-01	5.42E+00	6.42E-01	1.53E+00	1.81E-01	4.76E-01	7.48E-02	1.30E+01	1.78E+00	3.34E+00	3.85E-01	7.93E-01	1.34E-01	0.00E+00	0.00E+00	3.75E-05	9.29E-06
3.29E+00	4.07E-01	4.57E+00	6.58E-01	1.64E+00	2.75E-01	4.23E-01	5.14E-02	1.26E+01	1.43E+00	2.81E+00	3.65E-01	6.63E-01	7.56E-02	0.00E+00	0.00E+00	4.35E-05	1.06E-05
3.28E+00	4.31E-01	5.40E+00	7.12E-01	1.73E+00	2.68E-01	3.51E-01	5.47E-02	1.44E+01	2.14E+00	3.07E+00	4.19E-01	6.67E-01	9.03E-02	0.00E+00	0.00E+00	5.14E-05	1.23E-05
4.14E+00	3.32E-01	5.64E+00	5.17E-01	1.90E+00	1.17E-01	5.56E-01	3.93E-02	1.34E+01	1.96E+00	3.44E+00	3.21E-01	8.24E-01	6.29E-02	0.00E+00	0.00E+00	6.26E-05	1.31E-05
3.11E+00	3.17E-01	4.32E+00	4.28E-01	1.21E+00	1.21E-01	4.00E-01	4.15E-02	1.59E+01	9.48E-01	2.69E+00	2.66E-01	6.25E-01	7.07E-02	0.00E+00	0.00E+00	3.90E-05	2.58E-06
2.99E+00	3.73E-01	4.43E+00	4.82E-01	1.30E+00	1.31E-01	3.69E-01	5.08E-02	1.22E+01	1.03E+00	2.76E+00	3.05E-01	7.06E-01	8.26E-02	0.00E+00	0.00E+00	1.24E-05	1.41E-06
2.86E+00	4.40E-01	3.74E+00	5.72E-01	1.31E+00	1.53E-01	4.67E-01	6.53E-02	1.08E+01	1.23E+00	2.37E+00	3.67E-01	8.00E-01	1.16E-01	0.00E+00	0.00E+00	2.62E-05	2.10E-06
4.15E+00	3.77E-01	5.69E+00	5.32E-01	1.23E+00	1.46E-01	4.89E-01	5.85E-02	1.52E+01	1.26E+00	3.59E+00	3.26E-01	7.68E-01	1.06E-01	0.00E+00	0.00E+00	1.33E-04	1.93E-05
2.27E+00	3.34E-01	3.24E+00	4.23E-01	1.14E+00	1.23E-01	3.54E-01	4.88E-02	1.14E+01	1.08E+00	2.00E+00	2.65E-01	6.45E-01	9.08E-02	0.00E+00	0.00E+00	2.28E-04	4.14E-05
2.34E+00	3.96E-01	3.38E+00	4.54E-01	1.33E+00	1.16E-01	4.03E-01	5.86E-02	1.00E+01	1.02E+00	2.05E+00	3.07E-01	7.72E-01	9.93E-02	0.00E+00	0.00E+00	1.86E-04	5.63E-05
2.63E+00	3.61E-01	4.06E+00	4.78E-01	1.40E+00	1.18E-01	3.65E-01	4.72E-02	1.10E+01	1.00E+00	2.41E+00	3.02E-01	6.69E-01	7.79E-02	0.00E+00	0.00E+00	1.26E-04	2.99E-05
2.83E+00	3.31E-01	4.30E+00	4.81E-01	1.42E+00	1.34E-01	3.46E-01	3.95E-02	1.24E+01	1.19E+00	2.54E+00	2.94E-01	5.04E-01	5.97E-02	0.00E+00	0.00E+00	9.28E-05	1.68E-05
2.77E+00	2.51E-01	4.31E+00	4.01E-01	1.67E+00	1.14E-01	3.60E-01	3.39E-02	9.73E+00	1.17E+00	2.45E+00	2.39E-01	5.78E-01	5.88E-02	0.00E+00	0.00E+00	7.24E-05	1.26E-05
2.43E+00	2.92E-01	3.69E+00	4.02E-01	1.41E+00	1.64E-01	3.34E-01	4.23E-02	7.40E+00	8.85E-01	2.11E+00	2.47E-01	5.39E-01	6.54E-02	0.00E+00	0.00E+00	5.69E-05	9.52E-06
2.71E+00	4.02E-01	4.26E+00	6.02E-01	1.30E+00	1.52E-01	3.30E-01	4.52E-02	1.12E+01	1.56E+00	2.46E+00	3.61E-01	5.33E-01	6.94E-02	0.00E+00	0.00E+00	4.93E-05	9.32E-06
2.64E+00	5.27E-01	4.23E+00	7.96E-01	1.59E+00	1.92E-01	3.28E-01	5.79E-02	1.08E+01	2.09E+00	2.31E+00	4.74E-01	6.21E-01	8.90E-02	0.00E+00	0.00E+00	5.34E-05	8.68E-06
2.61E+00	5.13E-01	4.75E+00	7.76E-01	1.54E+00	1.86E-01	3.18E-01	6.51E-02	1.46E+01	1.96E+00	2.60E+00	4.51E-01	5.14E-01	1.03E-01	0.00E+00	0.00E+00	5.54E-05	8.91E-06
2.30E+00	5.44E-01	4.21E+00	7.90E-01	1.31E+00	2.03E-01	3.13E-01	6.52E-02	1.41E+01	1.87E+00	2.36E+00	4.69E-01	5.55E-01	1.02E-01	0.00E+00	0.00E+00	5.45E-05	9.54E-06
2.76E+00	6.78E-01	3.67E+00	1.05E+00	1.44E+00	2.70E-01	3.76E-01	7.73E-02	1.04E+01	2.32E+00	2.25E+00	5.82E-01	6.11E-01	1.15E-01	0.00E+00	0.00E+00	5.19E-05	9.05E-06
2.52E+00	6.05E-01	3.99E+00	1.01E+00	1.08E+00	2.58E-01	2.95E-01	7.07E-02	1.07E+01	2.62E+00	2.34E+00	5.54E-01	4.79E-01	1.19E-01	0.00E+00	0.00E+00	4.80E-05	8.11E-06
2.47E+00	6.10E-01	3.54E+00	8.26E-01	9.02E-01	1.92E-01	2.86E-01	7.60E-02	9.68E+00	1.98E+00	2.26E+00	5.25E-01	4.64E-01	1.26E-01	0.00E+00	0.00E+00	1.79E-05	4.60E-06
2.17E+00	7.12E-01	3.03E+00	9.99E-01	7.48E-01	2.37E-01	3.03E-01	9.76E-02	8.14E+00	2.48E+00	1.97E+00	6.22E-01	5.17E-01	1.61E-01	0.00E+00	0.00E+00	1.74E-05	4.53E-06
1.76E+00	6.55E-01	2.39E+00	9.21E-01	6.21E-01	2.56E-01	2.34E-01	8.43E-02	6.08E+00	2.13E+00	1.57E+00	5.43E-01	4.12E-01	1.32E-01	0.00E+00	0.00E+00	1.75E-05	4.36E-06
1.93E+00	6.65E-01	3.00E+00	1.05E+00	7.42E-01	2.87E-01	2.56E-01	8.29E-02	7.66E+00	2.43E+00	1.65E+00	5.84E-01	4.43E-01	1.42E-01	0.00E+00	0.00E+00	1.72E-05	4.18E-06
1.96E+00	6.88E-01	3.07E+00	9.63E-01	8.38E-01	2.33E-01	2.42E-01	8.02E-02	7.30E+00	2.43E+00	1.75E+00	6.05E-01	4.16E-01	1.36E-01	0.00E+00	0.00E+00	1.64E-05	3.91E-06
2.31E+00	5.39E-01	3.07E+00	7.98E-01	1.05E+00	1.65E-01	3.14E-01	5.76E-02	7.13E+00	2.16E+00	1.94E+00	4.90E-01	4.45E-01	9.75E-02	0.00E+00	0.00E+00	1.55E-05	3.50E-06
2.91E+00	5.55E-01	3.68E+00	8.03E-01	1.07E+00	2.02E-01	3.98E-01	6.58E-02	8.24E+00	1.87E+00	2.41E+00	4.81E-01	6.22E-01	1.06E-01	0.00E+00	0.00E+00	1.60E-05	3.03E-06
2.93E+00	7.08E-01	3.63E+00	1.07E+00	1.07E+00	2.58E-01	4.00E-01	7.88E-02	9.47E+00	2.66E+00	2.42E+00	6.29E-01	6.95E-01	1.23E-01	0.00E+00	0.00E+00	1.71E-05	2.94E-06
3.45E+00	8.66E-01	5.29E+00	1.38E+00	1.43E+00	3.21E-01	3.86E-01	8.73E-02	1.33E+01	3.74E+00	3.05E+00	7.96E-01	5.56E-01	1.31E-01	0.00E+00	0.00E+00	2.12E-05	3.01E-06
4.28E+00	7.81E-01	6.76E+00	1.29E+00	1.94E+00	2.89E-01	4.72E-01	7.30E-02	1.71E+01	3.69E+00	3.85E+00	7.35E-01	6.51E-01	1.12E-01	0.00E+00	0.00E+00	2.66E-05	3.90E-06
3.79E+00	5.68E-01	6.50E+00	9.24E-01	1.69E+00	1.99E-01	3.49E-01	6.69E-02	1.88E+01	2.66E+00	3.66E+00	5.20E-01	4.65E-01	1.14E-01	0.00E+00	0.00E+00	3.25E-05	5.31E-06
2.21E+00	5.70E-01	4.02E+00	7.87E-01	1.05E+00	1.61E-01	2.72E-01	6.76E-02	1.27E+01	1.94E+00	2.24E+00	4.95E-01	3.93E-01	1.16E-01	0.00E+00	0.00E+00	3.89E-05	7.46E-06
1.87E+00	2.62E-01	2.57E+00	3.82E-01	6.98E-01	1.06E-01	2.42E-01	2.99E-02	6.29E+00	1.00E+00	1.57E+00	2.42E-01	3.90E-01	4.79E-02	0.00E+00	0.00E+00	4.89E-05	1.13E-05
2.04E+00	2.76E-01	3.05E+00	4.05E-01	8.00E-01	1.19E-01	2.36E-01	3.14E-02	7.35E+00	1.07E+00	1.81E+00	2.55E-01	3.60E-01	4.93E-02	0.00E+00	0.00E+00	1.04E-04	2.05E-05
2.03E+00	2.83E-01	3.32E+00	4.21E-01	8.84E-01	1.30E-01	2.05E-01	3.20E-02	9.06E+00	1.12E+00	1.89E+00	2.63E-01	3.13E-01	4.92E-02	0.00E+00	0.00E+00	1.71E-04	3.73E-05
1.80E+00	2.78E-01	3.21E+00	4.19E-01	8.94E-01	1.31E-01	1.72E-01	3.10E-02	9.63E+00	1.16E+00	1.77E+00	2.60E-01	3.91E-01	4.64E-02	0.00E+00	0.00E+00	1.25E-04	3.28E-05
1.49E+00	2.61E-01	2.83E+00	4.04E-01	9.20E-01	1.25E-01	1.57E-01	2.85E-02	9.12E+00	1.19E+00	1.53E+00	2.47E-01	5.18E-01	4.42E-02	0.00E+00	0.00E+00	1.13E-05	5.56E-07
1.26E+00	2.39E-01	2.41E+00	3.86E-01	8.44E-01	1.15E-01	1.72E-01	3.05E-02	8.11E+00	1.19E+00	1.29E+00	2.28E-01	5.44E-01	5.34E-02	0.00E+00	0.00E+00	2.02E-04	1.04E-05
1.29E+00	2.57E-01	2.29E+00	3.82E-01	7.13E-01	1.06E-01	1.98E-01	3.50E-02	7.55E+00	1.19E+00	1.21E+00	2.24E-01	4.59E-01	6.10E-02	0.00E+00	0.00E+00	4.79E-04	8.95E-05
1.39E+00	2.63E-01	2.02E+00	3.73E-01	5.85E-01	1.05E-01	2.00E-01	3.72E-02	7.19E+00	1.14E+00	1.11E+00	2.17E-01	3.26E-01	6.33E-02	0.00E+00	0.00E+00	3.13E-04	8.07E-05
1.41E+00	2.54E-01	1.97E+00	3.50E-01	6.23E-01	1.03E-01	1.88E-01	3.64E-02	6.26E+00	1.07E+00	1.18E+00	2.02E-01	2.88E-01	5.86E-02	0.00E+00	0.00E+00	2.04E-04	4.01E-05
1.44E+00	2.46E-01	2.14E+00	3.55E-01	6.85E-01	1.20E-01	1.81E-01	3.40E-02	5.09E+00	1.08E+00	1.23E+00	2.10E-01	3.22E-01	4.91E-02	0.00E+00	0.00E+00	1.39E-04	3.17E-05
1.42E+00	2.80E-01	2.16E+00	3.88E-01	7.14E-01	1.51E-01	2.17E-01	3.52E-02	5.26E+00	1.04E+00	1.25E+00	2.42E-01	3.93E-01	5.80E-02	0.00E+00	0.00E+00	1.10E-04	2.36E-05
1.51E+00	3.50E-01	2.34E+00	4.87E-01	7.42E-01	1.75E-01	2.57E-01	4.24E-02	6.71E+00	1.31E+00	1.37E+00	3.05E-01	4.80E-01	6.72E-02	0.00E+00	0.00E+00	8.33E-05	1.52E-05
1.81E+00	3.75E-01	2.66E+00	5.39E-01	9.23E-01	1.70E-01	2.50E-01	5.11E-02	7.24E+00	1.57E+00	1.59E+00	3.30E-01	4.86E-01	8.84E-02	0.00E+00	0.00E+00	5.70E-05	9.61E-06
2.05E+00	4.18E-01	3.15E+00	5.75E-01	1.09E+00	1.49E-01	2.68E-01	5.71E-02	7.85E+00	1.44E+00	1.79E+00	3.59E-01	4.18E-01	9.47E-02	0.00E+00	0.00E+00	4.39E-05	6.68E-06
2.52E+00	4.02E-01	4.14E+00	5.73E-01	1.24E+00	1.60E-01	2.68E-01	5.21E-02	1.05E+01	1.45E+00	2.32E+00	3.52E-01	3.84E-01	7.93E-02	0.00E+00	0.00E+00	4.07E-05	4.74E-06
2.47E+00	3.49E-01	4.52E+00	4.90E-01	1.30E+00	1.58E-01	3.39E-01	4.64E-02	1.32E+01	1.24E+00	2.44E+00	2.93E-01	5.70E-01	8.04E-02	0.00E+00	0.00E+00	4.04E-05	4.21E-06

Scenario 4 Results

4.20E+00	3.55E-01	6.04E+00	4.54E-01	1.91E+00	1.28E-01	5.35E-01	4.78E-02	1.32E+01	1.24E+00	3.58E+00	2.98E-01	7.71E-01	8.04E-02	0.00E+00	0.00E+00	3.86E-05	4.77E-06
4.93E+00	3.46E-01	8.19E+00	4.85E-01	2.40E+00	1.39E-01	5.00E-01	4.82E-02	2.29E+01	1.73E+00	4.63E+00	2.98E-01	6.26E-01	8.21E-02	0.00E+00	0.00E+00	3.60E-05	4.96E-06
3.22E+00	4.11E-01	5.80E+00	4.74E-01	1.40E+00	1.37E-01	3.04E-01	6.25E-02	1.95E+01	1.12E+00	3.27E+00	3.21E-01	5.56E-01	1.16E-01	0.00E+00	0.00E+00	3.58E-05	5.05E-06
3.26E+00	5.77E-01	4.55E+00	7.68E-01	1.27E+00	1.90E-01	4.51E-01	8.72E-02	1.26E+01	1.87E+00	2.68E+00	4.84E-01	7.05E-01	1.58E-01	0.00E+00	0.00E+00	2.13E-05	5.16E-06
4.00E+00	4.94E-01	5.74E+00	6.24E-01	1.58E+00	2.26E-01	4.77E-01	7.40E-02	1.47E+01	1.62E+00	3.52E+00	3.89E-01	8.26E-01	1.28E-01	0.00E+00	0.00E+00	2.17E-05	5.08E-06
3.43E+00	4.98E-01	4.80E+00	7.84E-01	1.90E+00	2.79E-01	4.95E-01	5.96E-02	1.16E+01	1.87E+00	2.98E+00	4.56E-01	7.00E-01	8.79E-02	0.00E+00	0.00E+00	2.16E-05	4.85E-06
4.33E+00	4.51E-01	5.46E+00	7.11E-01	1.92E+00	1.83E-01	6.31E-01	4.66E-02	1.86E+01	2.17E+00	3.46E+00	4.41E-01	9.81E-01	7.32E-02	0.00E+00	0.00E+00	2.12E-05	4.59E-06
3.27E+00	3.67E-01	4.96E+00	4.62E-01	1.33E+00	1.25E-01	4.56E-01	5.06E-02	1.71E+01	1.23E+00	2.92E+00	2.98E-01	7.64E-01	8.99E-02	0.00E+00	0.00E+00	2.07E-05	4.27E-06
3.59E+00	4.29E-01	5.24E+00	5.38E-01	1.46E+00	1.47E-01	4.17E-01	6.03E-02	1.40E+01	1.10E+00	3.29E+00	3.43E-01	7.75E-01	9.92E-02	0.00E+00	0.00E+00	1.91E-05	3.80E-06
3.21E+00	5.40E-01	4.39E+00	6.92E-01	1.52E+00	1.85E-01	6.05E-01	8.22E-02	1.24E+01	1.45E+00	2.64E+00	4.46E-01	1.03E+00	1.47E-01	0.00E+00	0.00E+00	1.73E-05	3.31E-06
4.77E+00	4.42E-01	6.45E+00	6.23E-01	1.41E+00	1.72E-01	5.62E-01	6.00E-02	1.72E+01	1.46E+00	4.06E+00	3.81E-01	8.85E-01	1.14E-01	0.00E+00	0.00E+00	1.80E-05	3.26E-06
2.88E+00	4.32E-01	3.88E+00	4.83E-01	1.41E+00	1.41E-01	5.34E-01	6.47E-02	1.05E+01	1.28E+00	2.41E+00	3.34E-01	9.75E-01	1.17E-01	0.00E+00	0.00E+00	1.98E-05	3.47E-06
2.84E+00	4.45E-01	4.61E+00	5.37E-01	1.70E+00	1.41E-01	4.35E-01	6.35E-02	1.20E+01	1.10E+00	2.65E+00	3.52E-01	7.62E-01	1.04E-01	0.00E+00	0.00E+00	2.26E-05	3.77E-06
3.23E+00	3.94E-01	4.85E+00	5.40E-01	1.37E+00	1.53E-01	3.72E-01	5.07E-02	1.40E+01	1.20E+00	2.95E+00	3.36E-01	5.71E-01	7.92E-02	0.00E+00	0.00E+00	2.55E-05	4.00E-06
3.20E+00	3.21E-01	4.93E+00	4.96E-01	1.69E+00	1.30E-01	3.94E-01	3.43E-02	1.18E+01	1.37E+00	2.88E+00	2.97E-01	5.67E-01	5.76E-02	0.00E+00	0.00E+00	2.91E-05	4.35E-06
2.82E+00	2.81E-01	4.44E+00	3.66E-01	1.69E+00	1.56E-01	3.72E-01	4.30E-02	8.76E+00	8.95E-01	2.51E+00	2.28E-01	6.40E-01	6.87E-02	0.00E+00	0.00E+00	3.60E-05	4.99E-06
2.81E+00	4.18E-01	4.41E+00	6.17E-01	1.34E+00	1.58E-01	3.28E-01	4.82E-02	1.14E+01	1.56E+00	2.52E+00	3.72E-01	5.38E-01	7.45E-02	0.00E+00	0.00E+00	6.78E-05	5.73E-06
2.51E+00	5.39E-01	4.19E+00	8.09E-01	1.64E+00	1.94E-01	3.23E-01	5.97E-02	1.07E+01	2.12E+00	2.25E+00	4.84E-01	5.74E-01	9.22E-02	0.00E+00	0.00E+00	1.65E-04	1.16E-05
2.78E+00	5.56E-01	5.10E+00	8.08E-01	1.63E+00	2.03E-01	3.14E-01	7.10E-02	1.54E+01	1.99E+00	2.81E+00	4.72E-01	5.88E-01	1.12E-01	0.00E+00	0.00E+00	4.43E-04	3.54E-05
2.77E+00	6.74E-01	4.54E+00	9.90E-01	1.45E+00	2.43E-01	3.67E-01	8.08E-02	1.49E+01	2.27E+00	2.56E+00	5.63E-01	6.14E-01	1.25E-01	0.00E+00	0.00E+00	9.65E-06	5.06E-07
3.13E+00	7.54E-01	4.45E+00	1.20E+00	1.60E+00	3.10E-01	3.96E-01	8.24E-02	1.13E+01	2.80E+00	2.67E+00	6.61E-01	6.26E-01	1.19E-01	0.00E+00	0.00E+00	1.02E-05	5.26E-07
2.73E+00	7.50E-01	4.21E+00	1.01E+00	1.19E+00	2.46E-01	3.75E-01	9.53E-02	1.16E+01	2.82E+00	2.39E+00	6.37E-01	6.22E-01	1.60E-01	0.00E+00	0.00E+00	6.03E-04	1.03E-04
2.55E+00	8.30E-01	3.65E+00	1.13E+00	9.57E-01	2.67E-01	3.41E-01	1.08E-01	1.02E+01	2.74E+00	2.30E+00	7.15E-01	5.85E-01	1.81E-01	0.00E+00	0.00E+00	3.61E-04	5.27E-05
2.37E+00	8.50E-01	3.26E+00	1.18E+00	8.40E-01	3.27E-01	3.07E-01	1.11E-01	8.24E+00	2.96E+00	1.99E+00	7.02E-01	5.35E-01	1.74E-01	0.00E+00	0.00E+00	2.21E-04	2.80E-05
2.10E+00	7.36E-01	3.17E+00	1.16E+00	8.10E-01	3.15E-01	2.82E-01	9.27E-02	8.02E+00	2.64E+00	1.79E+00	6.44E-01	4.90E-01	1.58E-01	0.00E+00	0.00E+00	1.43E-04	1.65E-05
1.74E+00	6.16E-01	2.66E+00	8.63E-01	7.24E-01	2.09E-01	2.15E-01	7.16E-02	6.39E+00	2.19E+00	1.55E+00	5.44E-01	3.80E-01	1.23E-01	0.00E+00	0.00E+00	9.77E-05	1.07E-05
2.37E+00	5.32E-01	2.96E+00	7.51E-01	9.82E-01	1.83E-01	3.39E-01	6.50E-02	6.48E+00	2.04E+00	1.93E+00	4.53E-01	5.08E-01	1.06E-01	0.00E+00	0.00E+00	6.95E-05	8.37E-06
2.76E+00	5.98E-01	3.43E+00	8.77E-01	9.48E-01	2.09E-01	3.84E-01	6.97E-02	7.19E+00	2.04E+00	2.27E+00	5.20E-01	6.25E-01	1.12E-01	0.00E+00	0.00E+00	5.33E-05	6.55E-06
2.35E+00	5.91E-01	2.78E+00	8.97E-01	8.34E-01	2.07E-01	3.35E-01	6.53E-02	7.24E+00	2.18E+00	1.88E+00	5.23E-01	5.99E-01	1.04E-01	0.00E+00	0.00E+00	4.47E-05	5.39E-06
2.00E+00	5.57E-01	3.00E+00	8.76E-01	8.29E-01	1.93E-01	2.47E-01	5.80E-02	7.29E+00	2.23E+00	1.68E+00	5.02E-01	4.85E-01	9.09E-02	0.00E+00	0.00E+00	3.70E-05	4.49E-06
2.93E+00	5.17E-01	4.32E+00	8.43E-01	1.29E+00	1.77E-01	3.64E-01	6.28E-02	1.18E+01	2.27E+00	2.44E+00	4.75E-01	5.09E-01	1.11E-01	0.00E+00	0.00E+00	3.31E-05	3.99E-06
4.59E+00	6.23E-01	7.36E+00	8.34E-01	2.05E+00	1.68E-01	4.90E-01	7.62E-02	1.90E+01	2.06E+00	4.14E+00	5.34E-01	6.65E-01	1.33E-01	0.00E+00	0.00E+00	3.61E-05	3.71E-06
4.10E+00	7.01E-01	7.08E+00	9.48E-01	1.80E+00	1.89E-01	3.78E-01	8.45E-02	2.08E+01	2.28E+00	3.96E+00	6.03E-01	5.11E-01	1.47E-01	0.00E+00	0.00E+00	3.64E-05	3.95E-06
3.98E+00	7.43E-01	5.89E+00	1.01E+00	1.71E+00	2.00E-01	4.52E-01	8.85E-02	1.61E+01	2.47E+00	3.61E+00	6.41E-01	6.66E-01	1.53E-01	0.00E+00	0.00E+00	3.58E-05	3.99E-06
4.19E+00	7.52E-01	6.48E+00	1.04E+00	1.79E+00	2.03E-01	4.55E-01	8.82E-02	1.78E+01	2.59E+00	3.84E+00	6.54E-01	6.44E-01	1.52E-01	0.00E+00	0.00E+00	2.24E-05	5.85E-06
1.81E+00	2.46E-01	2.41E+00	3.57E-01	7.43E-01	1.04E-01	2.82E-01	2.82E-02	8.15E+00	9.76E-01	1.40E+00	2.24E-01	4.80E-01	4.72E-02	0.00E+00	0.00E+00	2.27E-05	5.80E-06
2.20E+00	2.69E-01	2.85E+00	3.91E-01	8.04E-01	1.05E-01	3.17E-01	3.08E-02	9.79E+00	9.99E-01	1.76E+00	2.46E-01	5.35E-01	5.08E-02	0.00E+00	0.00E+00	2.22E-05	5.58E-06
2.36E+00	2.82E-01	3.12E+00	4.08E-01	7.99E-01	1.19E-01	3.11E-01	3.24E-02	1.04E+01	1.05E+00	1.97E+00	2.58E-01	5.14E-01	5.29E-02	0.00E+00	0.00E+00	2.16E-05	5.34E-06
2.21E+00	2.85E-01	3.19E+00	4.12E-01	8.08E-01	1.26E-01	2.60E-01	3.30E-02	9.68E+00	1.06E+00	1.93E+00	2.61E-01	4.06E-01	5.30E-02	0.00E+00	0.00E+00	2.08E-05	5.00E-06
1.86E+00	2.84E-01	3.00E+00	4.13E-01	8.02E-01	1.28E-01	1.92E-01	3.28E-02	8.15E+00	1.07E+00	1.72E+00	2.60E-01	4.36E-01	5.17E-02	0.00E+00	0.00E+00	1.90E-05	4.54E-06
1.68E+00	2.92E-01	2.86E+00	4.32E-01	8.22E-01	1.31E-01	2.08E-01	3.31E-02	8.35E+00	1.14E+00	1.57E+00	2.68E-01	5.33E-01	5.04E-02	0.00E+00	0.00E+00	1.78E-05	3.98E-06
1.81E+00	2.91E-01	2.64E+00	4.40E-01	9.01E-01	1.31E-01	2.23E-01	3.23E-02	8.03E+00	1.25E+00	1.56E+00	2.69E-01	5.77E-01	5.14E-02	0.00E+00	0.00E+00	1.83E-05	3.86E-06
1.83E+00	2.86E-01	2.61E+00	4.46E-01	9.05E-01	1.31E-01	2.24E-01	3.72E-02	8.15E+00	1.36E+00	1.57E+00	2.66E-01	5.13E-01	6.56E-02	0.00E+00	0.00E+00	1.97E-05	4.07E-06
1.66E+00	3.18E-01	2.42E+00	4.48E-01	7.94E-01	1.26E-01	2.06E-01	4.36E-02	8.17E+00	1.37E+00	1.42E+00	2.64E-01	3.90E-01	7.60E-02	0.00E+00	0.00E+00	2.19E-05	4.29E-06
1.43E+00	3.24E-01	2.14E+00	4.37E-01	6.34E-01	1.20E-01	2.11E-01	4.59E-02	7.33E+00	1.30E+00	1.21E+00	2.58E-01	3.58E-01	7.78E-02	0.00E+00	0.00E+00	2.35E-05	4.39E-06
1.43E+00	3.11E-01	1.90E+00	4.07E-01	6.05E-01	1.20E-01	2.08E-01	4.43E-02	6.78E+00	1.24E+00	1.13E+00	2.48E-01	3.83E-01	7.08E-02	0.00E+00	0.00E+00	2.58E-05	4.53E-06
1.59E+00	3.04E-01	2.25E+00	4.24E-01	7.93E-01	1.50E-01	2.13E-01	4.15E-02	6.35E+00	1.28E+00	1.31E+00	2.53E-01	3.85E-01	6.06E-02	0.00E+00	0.00E+00	3.09E-05	4.71E-06
1.77E+00	3.58E-01	2.58E+00	4.88E-01	8.72E-01	1.87E-01	2.58E-01	4.45E-02	6.49E+00	1.26E+00	1.55E+00	3.09E-01	4.63E-01	7.28E-02	0.00E+00	0.00E+00	3.87E-05	4.72E-06
1.97E+00	4.04E-01	3.02E+00	5.59E-01	8.84E-01	1.89E-01	3.04E-01	4.94E-02	7.83E+00	1.48E+00	1.78E+00	3.51E-01	5.63E-01	8.68E-02	0.00E+00	0.00E+00	1.15E-04	1.02E-05
2.38E+00	4.55E-01	3.82E+00	5.70E-01	1.10E+00	1.70E-01	2.86E-01	6.29E-02	1.04E+01	1.59E+00	2.21E+00	3.68E-01	5.54E-01	1.09E-01	0.00E+00	0.00E+00	3.37E-04	4.48E-05
2.76E+00	4.81E-01	4.61E+00	6.33E-01	1.69E+00	1.65E-01	2.85E-01	6.58E-02	1.34E+01	1.55E+00	2.63E+00	4.00E-01	4.20E-01	1.07E-01	0.00E+00	0.00E+00	9.74E-04	1.53E-04
2.65E+00	4.03E-01	4.62E+00	5.69E-01	1.28E+00	1.72E-01	2.70E-01	5.25E-02	1.34E+01	1.35E+00	2.54E+00	3.46E-01	4.72E-01	9.24E-02	0.00E+00	0.00E+00	6.75E-04	7.82E-05
3.63E+00	4.15E-01	4.90E+00	5.18E-01	1.56E+00	1.44E-01	4.96E-01	5.65E-02	1.35E+01	1.49E+00	2.97E+00	3.44E-01	7.44E-01	9.65E-02	0.00E+00	0.00E+00	4.19E-04	8.89E-05
5.23E+00	4.07E-01	8.38E+00	5.71E-01	2.56E+00	1.69E-01	5.76E-01	5.41E-02	2.16E+01	1.89E+00	4.73E+00	3.48E-01	7.39E-01	9.11E-02	0.00E+00	0.00E+00	3.59E-04	4.76E-05
3.80E+00	4.86E-01	6.71E+00	5.32E-01	1.67E+00	1.49E-01	3.47E-01	7.35E-02	2.18E+01	1.42E+00	3.79E+00	3.80E-01	6.21E-01	1.36E-01	0.00E+00	0.00E+00	2.39E-04	3.68E-05
3.69E+00	6.34E-01	5.19E+00	8.18E-01	1.34E+00	2.07E-01	4.46E-01	9.66E-02	1.29E+01	2.03E+00	3.21E+00	5.14E-01	7.62E-01	1.74E-01	0.00E+00	0.00E+00	1.81E-04	2.59E-05
3.50E+00	5.59E-01	4.91E+00	7.63E-01	1.64E+00	2.92E-01	4.94E-01	7.96E-02	1.31E+01	1.40E+00	3.07E+00	4.72E-01	7.93E-01	1.21E-01	0.00E+00	0.00E+00	1.19E-04	1.81E-05
3.49E+00	5.55E-01	5.62E+00	8.41E-01	1.86E+00	2.52E-01	5.85E-01	6.29E-02	1.51E+01	2.23E+00	3.16E+00	5.19E-01	1.01E+00	1.02E-01	0.00E+00	0.00E+00	7.49E-05	1.32E-05
4.16E+00	4.19E-01	5.95E+00	5.53E-01	1.77E+00	1.29E-01	4.98E-01	6.01E-02	1.51E+01	1.65E+00	3.62E+00	3.52E-01	8.33E-01	1.03E-01	0.00E+00	0.00E+00	5.91E-05	9.79E-06
4.34E+00	4.62E-01	6.35E+00	5.58E-01	1.71E+00	1.53E-01	5.52E-01	6.72E-02	1.68E+01	1.17E+00	3.95E+00	3.60E-01	8.89E-01	1.12E-01	0.00E+00	0.00E+00	4.87E-05	7.58E-06
3.75E+00	6.55E-01	4.92E+00	8.16E-01	1.70E+00	2.15E-01	7.37E-01	9.74E-02	1.35E+01	1.64E+00	2.91E+00	5.32E-01	1.25E+00	1.75E-01	0.00E+00	0.00E+00	4.04E-05	6.13E-06
4.87E+00	5.18E-01	6.48E+00	7.19E-01	1.60E+00	2.00E-01	5.90E-01	6.54E-02	1.72E+01	1.64E+00	4.11E+00	4.41E-01	9.95E-01	1.29E-01	0.00E+00	0.00E+00	3.88E-05	5.31E-06
4.36E+00	5.74E-01	4.82E+00	6.00E-01	1.81E+00	1.62E-01	8.13E-01	8.90E-02	1.29E+01	1.58E+00	2.94E+00	4.28E-01	1.47E+00	1.56E-01	0.00E+00	0.00E+00	4.06E-05	4.80E-06
3.71E+00	4.81E-01	5.91E+00	6.32E-01	1.92E+00	1.66E-01	6.48E-01	6.35E-02	1.55E+01	1.38E+00	3.42E+00	4.00E-01	1.08E+00	1.03E-01	0.00E+00	0.00E+00	4.02E-05	4.32E-06
3.96E+00	4.84E-01	5.78E+00	7.04E-01	1.72E+00	1.91E-01	4.96E-01	5.73E-02	1.56E+01	1.76E+00	3.48E+00	4.28E-01	7.73E-01	8.66E-02	0.00E+00	0.00E+00	3.73E-05	4.20E-06
3.36E+00	3.14E-01	5.27E+00	4.18E-01	1.85E+00	1.64E-01	4.80E-01	5.03E-02	1.17E+01	1.28E+00	3.04E+00	2.48E-01	8.65E-01	8.30E-02	0.00E+00	0.00E+00	1.87E-05	5.69E-06
3.13E+00	4.62E-01	4.88E+00	6.69E-01	1.49E+00	1.75E-01	3.44E-01	5.47E-02	1.25E+01	1.65E+00	2.79E+00	4.06E-01	5.59E-01	8.49E-02	0.00E+00	0.00E+00	1.79E-05	5.66E-06
2.66E+00	5.82E-01	4.35E+00	8.70E-01	1.66E+00	2.09E-01	3.53E-01	6.46E-02	1.08E+01	2.27E+00	2.38E+00	5.21E-01	6.07E-01	1.01E-01	0.00E+00	0.00E+00	1.79E-05	5.43E-06
3.01E+00	6.07E-01	5.36E+00	8.52E-01	1.66E+00	2.23E-01	3.40E-01	7.72E-02	1.59E+01	2.03E+00	2.99E+00	5.10E-01	6.38E-01	1.22E-01	0.00E+00	0.00E+00	1.83E-05	5.16E-06
3.02E+00	7.60E-01	4.78E+00	1.14E+00	1.64E+00	2.87E-01	3.91E-01	8.98E-02	1.54E+01	2.51E+00	2.73E+00	6.41E-01	6.57E-01	1.37E-01	0.00E+00	0.00E+00	1.83E-05	4.82E-06
3.18E+00	7.61E-01	5.11E+00	1.25E+00	1.82E+00	3.12E-01	3.72E-01	9.03E-02	1.19E+01	3.13E+00	2.92E+00	6.85E-01	6.80E-01	1.52E-01	0.00E+00	0.00E+00	1.74E-05	4.31E-06
3.06E+00	9.09E-01	4.81E+00	1.20E+00	1.33E+00	2.92E-01	3.89E-01	1.17E-01	1.28E+01	3.01E+00	2.85E+00	7.66E-01	6.53E-01	1.94E-01	0.00E+00	0.00E+00	1.69E-05	3.69E-06
3.18E+00	1.10E+00	4.35E+00	1.55E+00	1.10E+00	4.13E-01	4.19E-01	1.47E-01	1.13E+01	4.07E+00	2.64E+00	9.40E-01	6.92E-01	2.34E-01	0.00E+00	0.00E+00	1.64E-05	3.43E-06
2.87E+00	1.00E+00	4.23E+00	1.57E+00	1.11E+00	4.23E-01	3.65E-01	1.25E-01	1.06E+01	3.60E+00	2.38E+00	8.75E-01	6.32E-01	2.12E-01	0.00E+00	0.00E+00	1.74E-05	3.39E-06
2.24E+00	8.51E-01	3.68E+00	1.24E+00	1.00E+00	2.80E-01	2.92E-01	9.44E-02	9.09E+00	3.24E+00	2.02E+00	7.64E-01	5.12E-01	1.59E-01	0.00E+00	0.00E+00	1.83E-05	3.25E-06
2.89E+00	6.96E-01	3.64E+00	1.00E+00	1.16E+00	2.44E-01	4.07E-01	8.38E-02	7.81E+00	2.54E+00	2.36E+00	5.96E-01	6.21E-01	1.36E-01	0.00E+00	0.00E+00	1.73E-05	2.91E-06
2.49E+00	5.72E-01	3.08E+00	8.55E-01	7.87E-01	2.05E-01	3.45E-01	6.54E-02	6.83E+00	1.99E+00	2.04E+00	4.99E-01	5.85E-01	1.04E-01	0.00E+00	0.00E+00	1.95E-05	2.58E-06
1.81E+00	4.86E-01	2.40E+00	7.63E-01	7.03E-01	1.77E-01	2.51E-01	5.21E-02	6.00E+00	1.89E+00	1.46E+00	4.35E-01	4.71E-01	9.38E-02	0.00E+00	0.00E+00	3.47E-05	3.09E-06
1.76E+00	4.46E-01	2.53E+00	6.40E-01	6.95E-01	1.43E-01	2.33E-01	5.97E-02	5.96E+00	1.66E+00	1.48E+00	3.69E-01	4.04E-01	1.07E-01	0.00E+00	0.00E+00	6.03E-05	7.40E-06
1.86E+00	4.82E-01	2.69E+00	5.98E-01	7.77E-01	1.23E-01	2.37E-01	6.40E-02	5.92E+00	1.36E+00	1.58E+00	4.01E-01	4.10E-01	1.15E-01	0.00E+00	0.00E+00	1.54E-04	1.61E-05
3.03E+00	5.18E-01	4.47E+00	6.48E-01	1.31E+00	1.32E-01	3.68E-01	6.81E-02	1.04E+01	1.41E+00	2.57E+00	4.31E-01	5.13E-01	1.22E-01	0.00E+00	0.00E+00	3.36E-04	4.31E-05
4.41E+00	5.75E-01	7.15E+00	7.32E-01	1.98E+00	1.49E-01	4.63E-01	7.41E-02	1.89E+01	1.64E+00	4.01E+00	4.82E-01	6.16E-01	1.31E-01	0.00E+00	0.00E+00	1.53E-04	7.10E-06
4.41E+00	6.11E-01	6.68E+00	7.98E-01	1.84E+00	1.71E-01	4.94E-01	7.64E-02	1.81E+01	1.86E+00	3.98E+00	5.18E-01	7.02E-01	1.33E-01	0.00E+00	0.00E+00	2.40E-04	3.89E-05
4.74E+00	7.87E-01	7.54E+00	1.11E+00	2.10E+00	2.18E-01	5.01E-01	8.96E-02	2.08E+01	2.89E+00	4.36E+00	6.93E-01	6.80E-01	1.51E-01	0.00E+00	0.00E+00	3.36E-04	7.42E-05
3.48E+00	8.01E-01	5.73E+00	1.18E+00	1.62E+00	2.39E-01	3.53E-01	8.56E-02	1.59E+01	3.29E+00	3.25E+00	7.26E-01	5.35E-01	1.39E-01	0.00E+00	0.00E+00	1.62E-04	2.29E-05
2.41E+00	6.64E-01	3.60E+00	9.98E-01	9.51E-01	2.15E-01	3.10E-01	6.97E-02	1.05E+01	2.82E+00	2.07E+00	6.07E-01	5.59E-01	1.20E-01	0.00E+00	0.00E+00	1.14E-04	1.43E-05
1.72E+00	3.10E-01	2.91E+00	4.99E-01	9.90E-01	1.46E-01	2.63E-01	3.07E-02	9.33E+00	1.45E+00	1.64E+00	2.93E-01	4.54E-01	5.24E-02	0.00E+00	0.00E+00	1.14E-04	1.35E-05
1.70E+00	2.99E-01	2.78E+00	4.83E-01	8.90E-01	1.36E-01	2.76E-01	3.04E-02	8.53E+00	1.40E+00	1.55E+00	2.83E-01	4.89E-01	5.28E-02	0.00E+00	0.00E+00	1.12E-04	1.35E-05
1.97E+00	2.67E-01	2.68E+00	4.30E-01	8.33E-01	1.20E-01	3.03E-01	3.09E-02	8.59E+00	1.22E+00	1.52E+00	2.52E-01	5.42E-01	5.37E-02	0.00E+00	0.00E+00	9.43E-05	1.24E-05
2.16E+00	2.55E-01	2.93E+00	3.68E-01	8.44E-01	1.06E-01	3.12E-01	3.07E-02	9.30E+00	1.02E+00	1.72E+00	2.27E-01	5.57E-01	5.30E-02	0.00E+00	0.00E+00	7.31E-05	1.06E-05
2.20E+00	2.70E-01	3.11E+00	3.78E-01	9.57E-01	1.04E-01	2.96E-01	3.24E-02	9.76E+00	9.57E-01	1.82E+00	2.42E-01	5.07E-01	5.46E-02	0.00E+00	0.00E+00	6.36E-05	8.91E-06
1.95E+00	2.86E-01	3.12E+00	4.03E-01	9.79E-01	1.15E-01	2.40E-01	3.41E-02	9.76E+00	1.01E+00	1.71E+00	2.57E-01	5.19E-01	5.60E-02	0.00E+00	0.00E+00	5.61E-05	7.50E-06
1.82E+00	3.08E-01	3.01E+00	4.38E-01	9.09E-01	1.26E-01	2.57E-01	3.64E-02	9.58E+00	1.11E+00	1.65E+00	2.76E-01	5.63E-01	5.84E-02	0.00E+00	0.00E+00	5.28E-05	6.84E-06
2.01E+00	3.34E-01	2.76E+00	4.80E-01	8.12E-01	1.39E-01	2.80E-01	3.90E-02	9.00E+00	1.23E+00	1.61E+00	2.98E-01	5.98E-01	6.08E-02	0.00E+00	0.00E+00	4.82E-05	6.28E-06
2.07E+00	3.48E-01	2.67E+00	5.08E-01	9.02E-01	1.49E-01	2.84E-01	4.01E-02	7.86E+00	1.33E+00	1.67E+00	3.11E-01	5.63E-01	6.14E-02	0.00E+00	0.00E+00	4.17E-05	5.60E-06

Scenario 4 Results

1.94E+00	3.37E-01	2.80E+00	4.97E-01	9.47E-01	1.51E-01	2.69E-01	4.44E-02	8.37E+00	1.36E+00	1.56E+00	3.00E-01	4.72E-01	7.93E-02	0.00E+00	0.00E+00	3.55E-05	4.94E-06
2.05E+00	4.06E-01	3.08E+00	5.43E-01	1.07E+00	1.62E-01	2.85E-01	5.54E-02	9.15E+00	1.54E+00	1.64E+00	3.29E-01	4.71E-01	9.72E-02	0.00E+00	0.00E+00	2.13E-05	5.25E-06
2.29E+00	4.49E-01	3.35E+00	5.87E-01	1.18E+00	1.73E-01	3.23E-01	6.30E-02	9.96E+00	1.72E+00	1.81E+00	3.58E-01	5.30E-01	1.07E-01	0.00E+00	0.00E+00	2.20E-05	5.26E-06
2.15E+00	4.29E-01	2.93E+00	5.37E-01	1.02E+00	1.56E-01	3.10E-01	6.14E-02	8.73E+00	1.60E+00	1.67E+00	3.41E-01	5.07E-01	9.93E-02	0.00E+00	0.00E+00	2.21E-05	5.14E-06
1.84E+00	3.78E-01	2.60E+00	5.01E-01	8.25E-01	1.68E-01	2.69E-01	5.28E-02	7.93E+00	1.40E+00	1.55E+00	3.09E-01	4.69E-01	7.78E-02	0.00E+00	0.00E+00	2.14E-05	4.85E-06
2.54E+00	4.17E-01	3.69E+00	5.43E-01	1.07E+00	1.96E-01	3.10E-01	5.39E-02	8.56E+00	1.33E+00	2.21E+00	3.55E-01	4.95E-01	9.10E-02	0.00E+00	0.00E+00	2.02E-05	4.42E-06
3.31E+00	4.79E-01	5.19E+00	6.21E-01	2.41E+00	1.89E-01	3.71E-01	6.63E-02	1.33E+01	1.57E+00	3.01E+00	3.99E-01	6.37E-01	1.19E-01	0.00E+00	0.00E+00	1.75E-05	3.76E-06
3.53E+00	5.85E-01	5.94E+00	6.78E-01	1.82E+00	1.61E-01	3.57E-01	8.32E-02	1.67E+01	1.51E+00	3.35E+00	4.63E-01	4.71E-01	1.43E-01	0.00E+00	0.00E+00	1.67E-05	2.97E-06
2.79E+00	5.60E-01	4.79E+00	7.01E-01	1.39E+00	1.91E-01	3.01E-01	7.66E-02	1.44E+01	1.55E+00	2.70E+00	4.56E-01	5.31E-01	1.21E-01	0.00E+00	0.00E+00	1.52E-05	2.40E-06
3.23E+00	5.15E-01	5.37E+00	6.20E-01	1.46E+00	1.79E-01	4.60E-01	7.18E-02	1.90E+01	1.85E+00	2.85E+00	4.22E-01	7.33E-01	1.25E-01	0.00E+00	0.00E+00	1.65E-05	2.45E-06
5.55E+00	4.90E-01	8.17E+00	6.97E-01	2.55E+00	2.12E-01	6.90E-01	6.68E-02	2.19E+01	2.01E+00	4.72E+00	4.10E-01	9.54E-01	1.09E-01	0.00E+00	0.00E+00	1.78E-05	2.51E-06
4.83E+00	5.91E-01	8.13E+00	6.83E-01	2.14E+00	1.76E-01	4.50E-01	8.97E-02	2.45E+01	2.07E+00	4.61E+00	4.58E-01	8.10E-01	1.66E-01	0.00E+00	0.00E+00	2.55E-05	2.58E-06
4.32E+00	7.54E-01	5.90E+00	8.91E-01	1.49E+00	2.26E-01	5.32E-01	1.16E-01	1.48E+01	2.22E+00	3.72E+00	5.83E-01	9.10E-01	2.04E-01	0.00E+00	0.00E+00	3.53E-05	2.65E-06
4.24E+00	6.74E-01	5.11E+00	8.98E-01	2.19E+00	3.28E-01	6.98E-01	9.59E-02	1.38E+01	1.70E+00	3.16E+00	5.72E-01	1.24E+00	1.51E-01	0.00E+00	0.00E+00	4.49E-05	5.67E-06
5.71E+00	5.36E-01	7.20E+00	7.86E-01	2.29E+00	1.86E-01	8.05E-01	5.94E-02	1.82E+01	2.20E+00	4.62E+00	5.04E-01	1.28E+00	1.03E-01	0.00E+00	0.00E+00	5.70E-05	8.17E-06
5.22E+00	5.24E-01	7.70E+00	6.36E-01	2.14E+00	1.66E-01	7.27E-01	8.86E-02	2.00E+01	1.50E+00	4.73E+00	4.11E-01	1.20E+00	1.60E-01	0.00E+00	0.00E+00	1.08E-04	1.50E-05
4.82E+00	7.64E-01	5.64E+00	9.12E-01	1.79E+00	2.34E-01	9.51E-01	1.23E-01	1.57E+01	1.73E+00	3.53E+00	6.11E-01	1.60E+00	2.24E-01	0.00E+00	0.00E+00	1.81E-04	2.32E-05
4.29E+00	5.92E-01	5.46E+00	7.97E-01	1.67E+00	2.20E-01	7.45E-01	7.73E-02	1.42E+01	1.72E+00	3.57E+00	4.95E-01	1.25E+00	1.54E-01	0.00E+00	0.00E+00	2.62E-05	2.43E-06
5.18E+00	6.69E-01	6.24E+00	7.11E-01	2.31E+00	1.86E-01	9.49E-01	1.03E-01	1.68E+01	1.78E+00	3.68E+00	4.98E-01	1.72E+00	1.76E-01	0.00E+00	0.00E+00	1.16E-04	2.30E-05
4.67E+00	6.91E-01	6.92E+00	9.12E-01	1.89E+00	2.57E-01	6.14E-01	9.22E-02	2.02E+01	1.91E+00	4.28E+00	5.72E-01	1.05E+00	1.45E-01	0.00E+00	0.00E+00	1.05E-04	9.33E-06
4.36E+00	4.28E-01	6.43E+00	6.79E-01	2.04E+00	1.65E-01	6.33E-01	6.07E-02	1.68E+01	1.99E+00	3.87E+00	4.03E-01	1.19E+00	1.05E-01	0.00E+00	0.00E+00	1.45E-04	2.75E-05
3.60E+00	5.52E-01	5.61E+00	7.69E-01	1.68E+00	2.05E-01	4.03E-01	6.88E-02	1.37E+01	1.78E+00	3.17E+00	4.71E-01	6.66E-01	1.08E-01	0.00E+00	0.00E+00	6.91E-05	8.32E-06
3.15E+00	6.76E-01	4.68E+00	1.01E+00	1.72E+00	2.44E-01	4.12E-01	7.76E-02	1.18E+01	2.65E+00	2.62E+00	6.06E-01	6.91E-01	1.22E-01	0.00E+00	0.00E+00	4.34E-05	7.27E-06
3.32E+00	7.35E-01	5.72E+00	1.05E+00	1.71E+00	2.70E-01	4.07E-01	9.22E-02	1.67E+01	2.40E+00	3.24E+00	6.24E-01	7.06E-01	1.46E-01	0.00E+00	0.00E+00	5.16E-05	4.80E-06
3.11E+00	8.45E-01	5.01E+00	1.31E+00	1.88E+00	3.29E-01	4.33E-01	9.55E-02	1.57E+01	2.94E+00	2.89E+00	7.28E-01	7.16E-01	1.43E-01	0.00E+00	0.00E+00	4.97E-05	5.41E-06
3.90E+00	8.24E-01	6.12E+00	1.09E+00	2.04E+00	2.57E-01	4.59E-01	1.09E-01	1.44E+01	2.95E+00	3.58E+00	6.99E-01	7.61E-01	1.83E-01	0.00E+00	0.00E+00	5.68E-05	5.92E-06
3.77E+00	1.13E+00	5.59E+00	1.62E+00	1.51E+00	3.97E-01	4.55E-01	1.53E-01	1.18E+01	4.06E+00	3.40E+00	9.97E-01	7.69E-01	2.50E-01	0.00E+00	0.00E+00	5.12E-05	5.94E-06
3.01E+00	1.07E+00	4.11E+00	1.64E+00	1.11E+00	4.44E-01	3.97E-01	1.35E-01	1.03E+01	3.78E+00	2.55E+00	9.14E-01	7.42E-01	2.29E-01	0.00E+00	0.00E+00	4.69E-05	5.95E-06
2.39E+00	9.05E-01	3.85E+00	1.34E+00	1.05E+00	2.95E-01	3.47E-01	9.79E-02	9.73E+00	3.55E+00	2.16E+00	8.20E-01	6.20E-01	1.65E-01	0.00E+00	0.00E+00	5.07E-05	6.30E-06
3.38E+00	8.47E-01	4.22E+00	1.24E+00	1.33E+00	3.04E-01	4.80E-01	1.00E-01	8.86E+00	2.86E+00	2.75E+00	7.29E-01	7.45E-01	1.61E-01	0.00E+00	0.00E+00	4.90E-05	6.39E-06
3.41E+00	8.00E-01	4.52E+00	1.26E+00	1.08E+00	2.98E-01	4.41E-01	8.47E-02	1.01E+01	3.13E+00	2.90E+00	7.18E-01	7.55E-01	1.32E-01	0.00E+00	0.00E+00	4.47E-05	6.12E-06
1.98E+00	5.73E-01	2.91E+00	8.34E-01	8.05E-01	1.91E-01	2.82E-01	7.66E-02	8.60E+00	2.20E+00	1.62E+00	4.75E-01	5.05E-01	1.37E-01	0.00E+00	0.00E+00	4.54E-05	5.72E-06
1.74E+00	5.48E-01	2.46E+00	6.74E-01	6.87E-01	1.40E-01	2.36E-01	7.31E-02	8.39E+00	1.53E+00	1.57E+00	4.54E-01	4.59E-01	1.31E-01	0.00E+00	0.00E+00	2.09E-05	4.68E-06
1.68E+00	5.21E-01	2.39E+00	6.45E-01	6.47E-01	1.35E-01	2.11E-01	6.94E-02	7.15E+00	1.37E+00	1.53E+00	4.31E-01	4.29E-01	1.23E-01	0.00E+00	0.00E+00	2.02E-05	4.57E-06
2.15E+00	5.28E-01	3.16E+00	6.68E-01	9.56E-01	1.40E-01	2.75E-01	6.92E-02	6.06E+00	1.45E+00	1.72E+00	4.39E-01	4.08E-01	1.22E-01	0.00E+00	0.00E+00	1.86E-05	4.27E-06
3.62E+00	5.11E-01	5.66E+00	6.64E-01	1.69E+00	1.56E-01	4.22E-01	6.52E-02	1.26E+01	1.50E+00	3.09E+00	4.30E-01	5.67E-01	1.12E-01	0.00E+00	0.00E+00	1.73E-05	3.89E-06
4.71E+00	4.84E-01	7.68E+00	6.54E-01	2.24E+00	1.71E-01	5.09E-01	5.96E-02	1.92E+01	1.56E+00	4.21E+00	4.15E-01	6.60E-01	1.00E-01	0.00E+00	0.00E+00	1.81E-05	3.36E-06
4.47E+00	4.53E-01	7.57E+00	6.40E-01	2.24E+00	1.51E-01	4.55E-01	6.38E-02	1.98E+01	1.60E+00	4.09E+00	3.96E-01	5.81E-01	1.18E-01	0.00E+00	0.00E+00	1.75E-05	2.90E-06
3.30E+00	6.30E-01	5.70E+00	9.38E-01	1.67E+00	2.26E-01	4.15E-01	9.23E-02	1.56E+01	2.66E+00	3.08E+00	5.58E-01	7.41E-01	1.62E-01	0.00E+00	0.00E+00	1.51E-05	2.65E-06
3.69E+00	7.95E-01	4.76E+00	1.07E+00	1.28E+00	3.08E-01	5.01E-01	1.08E-01	1.41E+01	3.07E+00	3.05E+00	6.52E-01	8.54E-01	1.76E-01	0.00E+00	0.00E+00	1.61E-05	2.40E-06
3.48E+00	7.96E-01	4.51E+00	1.16E+00	1.42E+00	3.47E-01	4.64E-01	1.01E-01	1.24E+01	2.68E+00	2.92E+00	6.81E-01	7.88E-01	1.56E-01	0.00E+00	0.00E+00	2.05E-05	2.36E-06
3.35E+00	6.69E-01	4.58E+00	1.01E+00	1.22E+00	3.03E-01	3.91E-01	8.07E-02	1.25E+01	2.23E+00	2.91E+00	5.87E-01	6.21E-01	1.21E-01	0.00E+00	0.00E+00	2.62E-05	2.50E-06
2.80E+00	3.73E-01	4.43E+00	6.62E-01	1.26E+00	1.73E-01	3.57E-01	4.56E-02	1.27E+01	2.18E+00	2.73E+00	3.75E-01	6.72E-01	8.73E-02	0.00E+00	0.00E+00	2.69E-05	2.57E-06
2.57E+00	3.27E-01	3.82E+00	5.68E-01	1.13E+00	1.59E-01	3.62E-01	4.51E-02	1.12E+01	1.83E+00	2.36E+00	3.17E-01	6.56E-01	8.59E-02	0.00E+00	0.00E+00	3.47E-05	3.72E-06
2.40E+00	3.36E-01	3.55E+00	4.97E-01	9.99E-01	1.49E-01	3.56E-01	4.38E-02	1.01E+01	1.58E+00	2.15E+00	3.05E-01	6.57E-01	8.30E-02	0.00E+00	0.00E+00	4.51E-05	6.62E-06
2.14E+00	3.17E-01	2.75E+00	4.70E-01	8.25E-01	1.24E-01	3.03E-01	3.85E-02	7.62E+00	1.25E+00	1.82E+00	2.88E-01	5.81E-01	7.19E-02	0.00E+00	0.00E+00	6.29E-05	1.08E-05
1.84E+00	3.10E-01	2.52E+00	4.68E-01	7.80E-01	1.23E-01	2.94E-01	3.52E-02	8.31E+00	1.26E+00	1.60E+00	2.84E-01	5.25E-01	6.45E-02	0.00E+00	0.00E+00	1.34E-04	1.65E-05
1.94E+00	2.87E-01	2.50E+00	4.35E-01	8.10E-01	1.17E-01	2.98E-01	3.30E-02	9.55E+00	1.17E+00	1.49E+00	2.64E-01	5.51E-01	5.91E-02	0.00E+00	0.00E+00	1.24E-04	7.69E-06
1.92E+00	2.75E-01	2.99E+00	4.10E-01	9.44E-01	1.13E-01	2.85E-01	3.49E-02	1.07E+01	1.09E+00	1.65E+00	2.48E-01	5.65E-01	6.12E-02	0.00E+00	0.00E+00	2.79E-05	2.78E-06
1.93E+00	3.07E-01	3.56E+00	4.08E-01	1.09E+00	1.10E-01	2.48E-01	3.86E-02	1.16E+01	1.20E+00	1.96E+00	2.64E-01	5.97E-01	6.63E-02	0.00E+00	0.00E+00	7.11E-05	1.26E-05
2.11E+00	3.42E-01	3.88E+00	4.58E-01	1.21E+00	1.23E-01	2.33E-01	4.27E-02	1.23E+01	1.33E+00	2.13E+00	2.94E-01	5.50E-01	7.19E-02	0.00E+00	0.00E+00	6.05E-05	8.95E-06
2.15E+00	3.71E-01	3.90E+00	5.00E-01	1.25E+00	1.38E-01	2.42E-01	4.64E-02	1.24E+01	1.38E+00	2.13E+00	3.18E-01	5.78E-01	7.65E-02	0.00E+00	0.00E+00	1.11E-04	1.53E-05
2.19E+00	4.13E-01	3.90E+00	5.63E-01	1.28E+00	1.53E-01	2.56E-01	5.12E-02	1.22E+01	1.44E+00	2.15E+00	3.55E-01	5.74E-01	8.22E-02	0.00E+00	0.00E+00	8.77E-05	1.32E-05
2.30E+00	4.67E-01	4.00E+00	6.53E-01	1.29E+00	1.74E-01	3.04E-01	5.65E-02	1.17E+01	1.73E+00	2.23E+00	4.05E-01	5.54E-01	1.00E-01	0.00E+00	0.00E+00	3.16E-05	4.12E-06
2.22E+00	5.29E-01	3.17E+00	6.95E-01	1.20E+00	1.78E-01	3.29E-01	7.15E-02	9.12E+00	1.87E+00	1.90E+00	4.33E-01	5.96E-01	1.29E-01	0.00E+00	0.00E+00	2.65E-05	3.80E-06
2.26E+00	5.83E-01	3.06E+00	6.92E-01	1.19E+00	1.78E-01	3.48E-01	8.28E-02	8.22E+00	1.89E+00	1.90E+00	4.64E-01	6.36E-01	1.47E-01	0.00E+00	0.00E+00	2.38E-05	3.22E-06
2.20E+00	5.79E-01	3.10E+00	6.51E-01	1.07E+00	1.72E-01	3.40E-01	8.55E-02	7.99E+00	1.78E+00	1.80E+00	4.51E-01	6.05E-01	1.46E-01	0.00E+00	0.00E+00	2.83E-05	3.21E-06
2.56E+00	5.09E-01	3.40E+00	6.12E-01	3.00E+00	1.89E-01	3.57E-01	7.50E-02	8.63E+00	1.56E+00	2.10E+00	4.00E-01	6.87E-01	1.17E-01	0.00E+00	0.00E+00	3.14E-05	2.97E-06
2.87E+00	4.98E-01	4.16E+00	6.77E-01	1.94E+00	2.04E-01	3.71E-01	6.79E-02	9.55E+00	1.65E+00	2.49E+00	4.15E-01	5.70E-01	1.18E-01	0.00E+00	0.00E+00	3.28E-05	3.38E-06
2.79E+00	6.76E-01	4.16E+00	8.00E-01	1.67E+00	2.02E-01	3.86E-01	9.66E-02	1.03E+01	1.88E+00	2.39E+00	5.38E-01	6.40E-01	1.75E-01	0.00E+00	0.00E+00	4.26E-05	4.26E-06
3.06E+00	8.25E-01	4.66E+00	9.31E-01	1.34E+00	2.21E-01	4.07E-01	1.20E-01	1.24E+01	1.92E+00	2.60E+00	6.46E-01	7.20E-01	2.02E-01	0.00E+00	0.00E+00	4.38E-05	4.77E-06
3.92E+00	6.37E-01	6.06E+00	7.86E-01	1.64E+00	2.27E-01	6.10E-01	9.18E-02	2.30E+01	2.07E+00	3.26E+00	5.10E-01	1.03E+00	1.64E-01	0.00E+00	0.00E+00	3.98E-05	5.06E-06
7.81E+00	6.30E-01	1.09E+01	7.94E-01	3.33E+00	2.45E-01	1.01E+00	8.97E-02	2.40E+01	2.29E+00	6.50E+00	5.09E-01	1.45E+00	1.50E-01	0.00E+00	0.00E+00	4.31E-05	5.12E-06
8.60E+00	7.48E-01	1.42E+01	1.07E+00	3.83E+00	2.89E-01	8.29E-01	1.15E-01	4.30E+01	3.01E+00	8.11E+00	6.15E-01	1.01E+00	2.14E-01	0.00E+00	0.00E+00	1.85E-05	3.73E-06
4.58E+00	9.70E-01	5.91E+00	1.02E+00	1.52E+00	2.90E-01	7.48E-01	1.54E-01	1.31E+01	2.01E+00	3.83E+00	7.38E-01	1.22E+00	2.67E-01	0.00E+00	0.00E+00	1.94E-05	3.54E-06
5.34E+00	7.64E-01	6.58E+00	9.78E-01	2.08E+00	2.83E-01	9.47E-01	1.05E-01	1.32E+01	2.08E+00	4.23E+00	6.54E-01	1.79E+00	1.79E-01	0.00E+00	0.00E+00	1.99E-05	3.64E-06
5.79E+00	6.42E-01	8.64E+00	8.00E-01	2.58E+00	2.12E-01	8.63E-01	1.10E-01	2.14E+01	1.78E+00	5.18E+00	5.32E-01	1.49E+00	2.05E-01	0.00E+00	0.00E+00	1.96E-05	3.63E-06
5.77E+00	8.39E-01	8.41E+00	9.32E-01	2.05E+00	2.27E-01	1.04E+00	1.39E-01	2.34E+01	1.78E+00	5.23E+00	6.51E-01	1.72E+00	2.58E-01	0.00E+00	0.00E+00	1.83E-05	3.54E-06
5.13E+00	6.50E-01	5.82E+00	8.27E-01	1.54E+00	2.20E-01	8.85E-01	9.35E-02	1.53E+01	1.62E+00	3.56E+00	5.29E-01	1.52E+00	1.86E-01	0.00E+00	0.00E+00	1.95E-05	3.24E-06
5.49E+00	6.70E-01	7.88E+00	8.30E-01	2.61E+00	2.17E-01	9.03E-01	9.71E-02	2.16E+01	1.80E+00	4.96E+00	5.36E-01	1.57E+00	1.80E-01	0.00E+00	0.00E+00	2.22E-05	2.89E-06
5.88E+00	6.99E-01	8.01E+00	1.01E+00	2.21E+00	2.63E-01	8.01E-01	8.23E-02	2.19E+01	2.53E+00	4.88E+00	6.13E-01	1.29E+00	1.25E-01	0.00E+00	0.00E+00	2.26E-05	2.64E-06
4.06E+00	7.07E-01	6.26E+00	9.32E-01	1.99E+00	2.57E-01	5.94E-01	9.42E-02	1.50E+01	1.96E+00	3.55E+00	5.84E-01	1.01E+00	1.50E-01	0.00E+00	0.00E+00	2.16E-05	2.62E-06
3.65E+00	8.35E-01	5.22E+00	1.20E+00	1.81E+00	2.89E-01	4.70E-01	9.84E-02	1.29E+01	3.04E+00	3.06E+00	7.30E-01	7.68E-01	1.57E-01	0.00E+00	0.00E+00	2.32E-05	2.59E-06
4.04E+00	9.20E-01	6.22E+00	1.34E+00	1.78E+00	3.29E-01	5.32E-01	1.09E-01	1.78E+01	3.01E+00	3.60E+00	7.80E-01	8.52E-01	1.73E-01	0.00E+00	0.00E+00	2.90E-05	3.75E-06
4.07E+00	9.18E-01	6.38E+00	1.49E+00	2.27E+00	3.62E-01	4.95E-01	1.15E-01	1.60E+01	3.63E+00	3.69E+00	8.17E-01	8.73E-01	1.94E-01	0.00E+00	0.00E+00	3.82E-05	5.87E-06
4.81E+00	1.06E+00	7.36E+00	1.43E+00	2.28E+00	3.56E-01	5.67E-01	1.41E-01	1.75E+01	3.28E+00	4.39E+00	9.08E-01	8.45E-01	2.37E-01	0.00E+00	0.00E+00	4.05E-05	8.31E-06
4.37E+00	1.08E+00	6.26E+00	1.59E+00	1.64E+00	4.40E-01	5.41E-01	1.39E-01	1.31E+01	4.02E+00	3.87E+00	9.11E-01	9.23E-01	2.38E-01	0.00E+00	0.00E+00	7.11E-05	1.10E-05
3.39E+00	1.03E+00	4.43E+00	1.57E+00	1.22E+00	3.35E-01	4.64E-01	1.14E-01	1.13E+01	4.25E+00	2.81E+00	9.49E-01	8.53E-01	1.87E-01	0.00E+00	0.00E+00	8.89E-05	9.21E-06
3.67E+00	9.42E-01	4.49E+00	1.41E+00	1.40E+00	3.45E-01	5.31E-01	1.09E-01	1.05E+01	3.16E+00	2.95E+00	8.17E-01	8.48E-01	1.74E-01	0.00E+00	0.00E+00	5.87E-05	4.37E-06
3.54E+00	8.20E-01	4.81E+00	1.35E+00	1.19E+00	3.09E-01	4.44E-01	1.03E-01	1.12E+01	3.48E+00	3.03E+00	7.51E-01	7.86E-01	1.84E-01	0.00E+00	0.00E+00	2.71E-05	2.79E-06
2.64E+00	8.17E-01	3.49E+00	1.02E+00	9.47E-01	2.11E-01	3.87E-01	1.08E-01	1.13E+01	2.45E+00	2.08E+00	6.81E-01	6.47E-01	1.93E-01	0.00E+00	0.00E+00	4.46E-05	6.67E-06
2.18E+00	7.78E-01	3.07E+00	9.79E-01	7.11E-01	2.01E-01	3.07E-01	1.02E-01	1.19E+01	2.13E+00	1.86E+00	6.47E-01	6.28E-01	1.80E-01	0.00E+00	0.00E+00	5.13E-05	8.21E-06
2.14E+00	6.49E-01	2.92E+00	8.35E-01	7.39E-01	1.77E-01	2.82E-01	8.40E-02	1.05E+01	1.82E+00	1.79E+00	5.41E-01	4.90E-01	1.46E-01	0.00E+00	0.00E+00	5.24E-05	3.22E-06
1.68E+00	5.05E-01	2.52E+00	6.74E-01	8.12E-01	1.54E-01	2.12E-01	6.39E-02	8.14E+00	1.50E+00	1.52E+00	4.25E-01	4.38E-01	1.07E-01	0.00E+00	0.00E+00	5.53E-05	1.12E-05
1.64E+00	4.27E-01	2.42E+00	6.01E-01	7.95E-01	1.48E-01	2.50E-01	5.18E-02	6.78E+00	1.41E+00	1.43E+00	3.67E-01	5.17E-01	8.26E-02	0.00E+00	0.00E+00	5.29E-05	6.95E-06
2.00E+00	3.79E-01	2.80E+00	5.24E-01	7.61E-01	1.42E-01	2.74E-01	5.77E-02	7.13E+00	1.28E+00	1.68E+00	3.12E-01	5.29E-01	1.10E-01	0.00E+00	0.00E+00	2.57E-05	3.41E-06
1.99E+00	4.65E-01	3.00E+00	5.13E-01	8.48E-01	1.29E-01	3.28E-01	6.96E-02	6.93E+00	1.08E+00	1.47E+00	3.62E-01	6.12E-01	1.30E-01	0.00E+00	0.00E+00	2.29E-05	3.21E-06
2.43E+00	5.21E-01	2.94E+00	6.20E-01	8.33E-01	1.36E-01	3.54E-01	7.51E-02	6.59E+00	1.01E+00	1.96E+00	4.08E-01	6.61E-01	1.36E-01	0.00E+00	0.00E+00	1.92E-05	2.64E-06
3.43E+00	5.18E-01	3.93E+00	6.89E-01	9.24E-01	1.68E-01	4.95E-01	6.93E-02	7.49E+00	1.18E+00	2.73E+00	4.23E-01	8.60E-01	1.20E-01	0.00E+00	0.00E+00	1.89E-05	2.62E-06
4.21E+00	5.75E-01	4.83E+00	8.88E-01	1.18E+00	2.49E-01	5.55E-01	6.70E-02	1.15E+01	1.97E+00	3.36E+00	5.11E-01	9.92E-01	1.04E-01	0.00E+00	0.00E+00	2.14E-05	2.80E-06
5.38E+00	6.45E-01	7.35E+00	1.09E+00	1.56E+00	3.17E-01	6.31E-01	6.46E-02	1.94E+01	2.93E+00	4.64E+00	6.12E-01	1.02E+00	1.08E-01	0.00E+00	0.00E+00	2.99E-05	3.10E-06
4.21E+00	4.24E-01	6.26E+00	7.34E-01	1.69E+00	2.07E-01	4.84E-01	4.87E-02	1.60E+01	2.08E+00	3.77E+00	4.11E-01	7.67E-01	8.16E-02	0.00E+00	0.00E+00	3.13E-05	3.28E-06
3.19E+00	3.71E-01	5.06E+00	5.67E-01	1.67E+00	1.80E-01	3.91E-01	4.39E-02	1.20E+01	1.70E+00	2.95E+00	3.27E-01	6.63E-01	7.05E-02	0.00E+00	0.00E+00	3.67E-05	3.71E-06
3.19E+00	4.96E-01	4.54E+00	5.82E-01	1.27E+00	2.26E-01	4.09E-01	6.61E-02	1.24E+01	1.64E+00	2.83E+00	4.01E-01	7.68E-01	1.22E-01	0.00E+00	0.00E+00	3.99E-05	3.94E-06
3.07E+00	4.89E-01	4.15E+00	5.85E-01	1.16E+00	2.03E-01	4.23E-01	6.67E-02	1.08E+01	1.37E+00	2.65E+00	3.99E-01	8.10E-01	1.23E-01	0.00E+00	0.00E+00	2.16E-05	3.95E-06

Scenario 4 Results

3.09E+00	4.94E-01	4.07E+00	6.22E-01	1.28E+00	2.04E-01	4.54E-01	6.84E-02	1.15E+01	1.56E+00	2.64E+00	4.14E-01	8.76E-01	1.26E-01	0.00E+00	0.00E+00	2.03E-05	3.98E-06
2.99E+00	4.38E-01	3.53E+00	5.67E-01	1.17E+00	1.67E-01	4.52E-01	6.87E-02	9.99E+00	1.47E+00	2.55E+00	3.72E-01	8.75E-01	1.26E-01	0.00E+00	0.00E+00	1.73E-05	3.86E-06
2.53E+00	3.61E-01	2.82E+00	4.40E-01	8.55E-01	1.13E-01	3.83E-01	6.08E-02	6.75E+00	1.14E+00	2.13E+00	2.82E-01	7.41E-01	1.11E-01	0.00E+00	0.00E+00	2.03E-05	3.62E-06
2.28E+00	3.39E-01	2.60E+00	4.39E-01	6.89E-01	1.03E-01	3.38E-01	5.48E-02	8.39E+00	1.02E+00	1.82E+00	2.88E-01	6.40E-01	9.92E-02	0.00E+00	0.00E+00	2.37E-05	3.47E-06
2.28E+00	3.50E-01	2.71E+00	4.69E-01	7.16E-01	1.12E-01	3.38E-01	4.92E-02	1.02E+01	1.13E+00	1.82E+00	3.03E-01	6.45E-01	8.85E-02	0.00E+00	0.00E+00	2.59E-05	3.48E-06
2.23E+00	3.58E-01	3.26E+00	4.91E-01	8.10E-01	1.23E-01	3.07E-01	4.41E-02	1.18E+01	1.21E+00	1.80E+00	3.13E-01	5.78E-01	8.06E-02	0.00E+00	0.00E+00	2.46E-05	3.22E-06
2.13E+00	3.56E-01	3.76E+00	4.94E-01	9.82E-01	1.28E-01	2.89E-01	4.38E-02	1.34E+01	1.21E+00	2.04E+00	3.13E-01	5.31E-01	7.35E-02	0.00E+00	0.00E+00	1.91E-05	2.78E-06
2.05E+00	3.42E-01	4.01E+00	4.70E-01	1.06E+00	1.27E-01	2.63E-01	4.30E-02	1.43E+01	1.15E+00	2.17E+00	2.99E-01	5.17E-01	7.79E-02	0.00E+00	0.00E+00	2.21E-05	2.46E-06
2.27E+00	3.55E-01	4.03E+00	4.68E-01	1.08E+00	1.29E-01	2.79E-01	4.91E-02	1.42E+01	1.23E+00	2.18E+00	3.01E-01	5.30E-01	8.86E-02	0.00E+00	0.00E+00	2.28E-05	3.51E-06
2.33E+00	4.35E-01	3.97E+00	5.53E-01	1.29E+00	1.50E-01	4.40E-01	5.96E-02	1.36E+01	1.44E+00	2.17E+00	3.58E-01	8.46E-01	1.05E-01	0.00E+00	0.00E+00	3.12E-05	4.99E-06
2.50E+00	4.68E-01	4.07E+00	6.48E-01	1.38E+00	1.73E-01	4.00E-01	6.45E-02	1.16E+01	1.64E+00	2.29E+00	3.83E-01	7.69E-01	1.12E-01	0.00E+00	0.00E+00	3.28E-05	6.90E-06
2.42E+00	4.95E-01	3.84E+00	7.38E-01	1.27E+00	1.98E-01	3.32E-01	6.82E-02	9.61E+00	1.82E+00	2.17E+00	4.44E-01	9.04E-01	1.17E-01	0.00E+00	0.00E+00	5.27E-05	7.53E-06
2.90E+00	5.66E-01	3.02E+00	8.01E-01	1.01E+00	2.12E-01	5.32E-01	7.49E-02	7.82E+00	1.97E+00	2.43E+00	4.94E-01	1.50E+00	1.43E-01	0.00E+00	0.00E+00	6.46E-05	7.62E-06
3.52E+00	7.25E-01	3.36E+00	8.40E-01	1.12E+00	2.18E-01	6.73E-01	1.03E-01	8.37E+00	2.09E+00	3.33E+00	5.86E-01	2.00E+00	1.90E-01	0.00E+00	0.00E+00	7.33E-05	5.07E-06
3.57E+00	8.07E-01	3.75E+00	8.40E-01	3.30E+00	2.04E-01	6.81E-01	1.23E-01	8.87E+00	2.00E+00	3.12E+00	6.18E-01	1.84E+00	2.17E-01	0.00E+00	0.00E+00	2.38E-05	3.42E-06
2.71E+00	7.04E-01	3.70E+00	7.70E-01	2.03E+00	2.19E-01	4.57E-01	1.10E-01	9.12E+00	1.87E+00	2.27E+00	5.28E-01	8.75E-01	1.79E-01	0.00E+00	0.00E+00	2.45E-05	2.68E-06
3.32E+00	6.83E-01	4.73E+00	9.68E-01	1.22E+00	2.61E-01	5.12E-01	9.19E-02	1.16E+01	2.27E+00	2.86E+00	5.98E-01	8.60E-01	1.62E-01	0.00E+00	0.00E+00	2.99E-05	4.02E-06
3.65E+00	9.27E-01	4.50E+00	1.14E+00	1.04E+00	2.91E-01	5.95E-01	1.35E-01	1.03E+01	2.51E+00	2.84E+00	7.38E-01	9.91E-01	2.46E-01	0.00E+00	0.00E+00	4.34E-05	7.23E-06
4.50E+00	9.61E-01	6.04E+00	1.06E+00	1.34E+00	2.72E-01	5.60E-01	1.41E-01	1.95E+01	2.23E+00	3.70E+00	7.51E-01	9.32E-01	2.32E-01	0.00E+00	0.00E+00	3.79E-05	3.72E-06
8.19E+00	7.66E-01	8.55E+00	8.15E-01	2.35E+00	2.01E-01	1.32E+00	1.16E-01	2.63E+01	2.48E+00	5.87E+00	5.90E-01	2.22E+00	1.99E-01	0.00E+00	0.00E+00	4.18E-05	4.34E-06
1.02E+01	8.43E-01	1.49E+01	1.12E+00	4.48E+00	3.11E-01	1.24E+00	1.32E-01	3.75E+01	2.66E+00	8.80E+00	6.70E-01	1.67E+00	2.50E-01	0.00E+00	0.00E+00	3.27E-05	7.30E-06
5.45E+00	1.13E+00	5.97E+00	1.13E+00	1.96E+00	3.44E-01	9.44E-01	1.86E-01	1.51E+01	1.51E+00	4.21E+00	8.51E-01	1.78E+00	3.22E-01	0.00E+00	0.00E+00	3.52E-05	4.23E-06
9.22E+00	7.25E-01	9.84E+00	8.69E-01	2.56E+00	2.62E-01	1.40E+00	1.08E-01	1.75E+01	2.02E+00	7.09E+00	6.28E-01	2.41E+00	1.85E-01	0.00E+00	0.00E+00	2.09E-05	3.00E-06
8.44E+00	8.18E-01	1.23E+01	9.70E-01	2.98E+00	2.55E-01	1.03E+00	1.25E-01	3.37E+01	2.22E+00	7.58E+00	6.49E-01	1.93E+00	2.25E-01	0.00E+00	0.00E+00	1.97E-05	2.93E-06
5.15E+00	7.04E-01	7.06E+00	7.96E-01	1.81E+00	2.07E-01	8.65E-01	1.10E-01	1.88E+01	1.55E+00	4.34E+00	5.33E-01	1.54E+00	2.10E-01	0.00E+00	0.00E+00	1.75E-05	2.64E-06
7.03E+00	9.13E-01	1.01E+01	1.15E+00	2.87E+00	3.12E-01	8.15E-01	1.27E-01	2.69E+01	2.24E+00	6.28E+00	7.42E-01	2.01E+00	2.10E-01	0.00E+00	0.00E+00	1.90E-05	2.47E-06
5.03E+00	8.00E-01	7.87E+00	9.64E-01	2.35E+00	2.79E-01	7.87E-01	1.16E-01	2.03E+01	2.17E+00	4.63E+00	6.32E-01	1.44E+00	1.91E-01	0.00E+00	0.00E+00	1.99E-05	3.12E-06
4.34E+00	1.22E+00	6.32E+00	1.72E+00	2.05E+00	4.18E-01	6.06E-01	1.47E-01	1.60E+01	4.17E+00	3.68E+00	1.05E+00	1.04E+00	2.37E-01	0.00E+00	0.00E+00	2.48E-05	3.47E-06
5.48E+00	1.24E+00	7.51E+00	1.89E+00	2.16E+00	4.78E-01	7.08E-01	1.42E-01	1.97E+01	4.27E+00	4.65E+00	1.07E+00	1.11E+00	2.16E-01	0.00E+00	0.00E+00	3.10E-05	3.53E-06
5.61E+00	1.16E+00	8.46E+00	1.48E+00	2.92E+00	4.13E-01	6.97E-01	1.62E-01	1.95E+01	3.66E+00	4.97E+00	9.53E-01	1.04E+00	2.72E-01	0.00E+00	0.00E+00	3.07E-05	3.34E-06
5.98E+00	1.22E+00	8.92E+00	1.82E+00	2.64E+00	4.83E-01	7.18E-01	1.59E-01	2.06E+01	4.73E+00	5.35E+00	1.09E+00	1.10E+00	2.73E-01	0.00E+00	0.00E+00	1.83E-05	3.93E-06
4.86E+00	9.40E-01	6.82E+00	1.46E+00	1.70E+00	3.24E-01	6.06E-01	1.20E-01	1.44E+01	4.00E+00	4.24E+00	8.73E-01	1.03E+00	2.00E-01	0.00E+00	0.00E+00	1.98E-05	3.75E-06
3.50E+00	8.83E-01	4.23E+00	1.37E+00	1.25E+00	3.30E-01	5.18E-01	1.07E-01	1.07E+01	3.07E+00	2.79E+00	7.74E-01	8.65E-01	1.91E-01	0.00E+00	0.00E+00	2.31E-05	3.64E-06
3.04E+00	9.58E-01	4.03E+00	1.15E+00	1.08E+00	2.47E-01	4.34E-01	1.31E-01	1.04E+01	2.82E+00	2.46E+00	7.88E-01	7.40E-01	2.32E-01	0.00E+00	0.00E+00	2.51E-05	3.77E-06
2.94E+00	1.04E+00	3.68E+00	1.31E+00	9.34E-01	2.75E-01	4.22E-01	1.35E-01	1.30E+01	2.85E+00	2.34E+00	8.64E-01	8.47E-01	2.39E-01	0.00E+00	0.00E+00	2.48E-05	3.67E-06
3.34E+00	1.02E+00	4.32E+00	1.39E+00	1.22E+00	2.98E-01	4.15E-01	1.26E-01	1.48E+01	3.15E+00	2.89E+00	8.70E-01	7.42E-01	2.15E-01	0.00E+00	0.00E+00	2.25E-05	3.40E-06
2.68E+00	8.47E-01	3.96E+00	1.24E+00	1.07E+00	2.85E-01	4.42E-01	9.72E-02	1.40E+01	3.01E+00	2.38E+00	7.44E-01	9.33E-01	1.57E-01	0.00E+00	0.00E+00	2.39E-05	2.90E-06
1.95E+00	5.10E-01	3.34E+00	7.71E-01	1.09E+00	2.05E-01	3.60E-01	6.13E-02	1.07E+01	1.87E+00	1.77E+00	4.51E-01	7.43E-01	1.17E-01	0.00E+00	0.00E+00	2.51E-05	2.99E-06
1.68E+00	3.92E-01	2.74E+00	5.19E-01	1.10E+00	1.55E-01	2.70E-01	5.68E-02	7.89E+00	1.26E+00	1.59E+00	3.19E-01	5.29E-01	1.06E-01	0.00E+00	0.00E+00	2.21E-05	3.73E-06
1.50E+00	3.57E-01	2.47E+00	4.55E-01	9.74E-01	1.17E-01	2.21E-01	4.84E-02	7.28E+00	1.06E+00	1.43E+00	2.98E-01	4.18E-01	8.84E-02	0.00E+00	0.00E+00	2.65E-05	4.29E-06
1.44E+00	3.40E-01	2.18E+00	4.68E-01	7.79E-01	1.11E-01	2.18E-01	4.32E-02	6.58E+00	1.01E+00	1.26E+00	2.90E-01	4.04E-01	7.71E-02	0.00E+00	0.00E+00	2.64E-05	5.60E-06
1.62E+00	3.21E-01	1.92E+00	4.68E-01	6.31E-01	1.10E-01	2.54E-01	3.87E-02	5.70E+00	9.60E-01	1.21E+00	2.79E-01	4.53E-01	6.79E-02	0.00E+00	0.00E+00	4.05E-05	5.49E-06
2.54E+00	2.79E-01	2.56E+00	4.22E-01	6.65E-01	9.78E-02	3.96E-01	3.25E-02	5.59E+00	8.88E-01	1.90E+00	2.45E-01	7.02E-01	5.75E-02	0.00E+00	0.00E+00	4.45E-05	6.15E-06
3.40E+00	3.21E-01	3.60E+00	3.88E-01	8.14E-01	8.74E-02	5.21E-01	4.61E-02	6.13E+00	8.16E-01	2.61E+00	2.45E-01	9.34E-01	8.07E-02	0.00E+00	0.00E+00	5.18E-05	4.90E-06
5.23E+00	3.80E-01	6.46E+00	5.13E-01	1.21E+00	1.37E-01	6.74E-01	5.19E-02	1.54E+01	9.57E-01	4.28E+00	3.03E-01	1.15E+00	8.72E-02	0.00E+00	0.00E+00	4.50E-05	4.03E-06
6.39E+00	4.62E-01	9.33E+00	7.21E-01	2.35E+00	2.35E-01	7.34E-01	5.65E-02	2.42E+01	1.46E+00	5.66E+00	4.03E-01	1.12E+00	8.83E-02	0.00E+00	0.00E+00	1.93E-05	2.72E-06
4.72E+00	4.46E-01	7.76E+00	7.36E-01	2.46E+00	2.44E-01	5.13E-01	5.28E-02	1.98E+01	1.81E+00	4.44E+00	4.12E-01	7.07E-01	8.91E-02	0.00E+00	0.00E+00	2.22E-05	2.54E-06
2.89E+00	3.73E-01	4.93E+00	5.73E-01	1.79E+00	1.84E-01	3.28E-01	4.50E-02	1.22E+01	1.54E+00	2.66E+00	3.24E-01	5.84E-01	7.61E-02	0.00E+00	0.00E+00	2.22E-05	2.72E-06
2.36E+00	3.25E-01	4.14E+00	4.50E-01	1.45E+00	1.35E-01	2.75E-01	3.87E-02	1.06E+01	1.26E+00	2.24E+00	2.80E-01	5.31E-01	6.58E-02	0.00E+00	0.00E+00	3.67E-05	6.02E-06
3.06E+00	6.44E-01	3.83E+00	4.72E-01	1.15E+00	1.28E-01	5.46E-01	1.12E-01	1.14E+01	1.18E+00	2.18E+00	4.34E-01	1.06E+00	2.16E-01	0.00E+00	0.00E+00	3.31E-05	4.37E-06
3.11E+00	6.51E-01	3.60E+00	4.77E-01	1.08E+00	1.23E-01	5.57E-01	1.13E-01	1.05E+01	1.17E+00	2.07E+00	4.39E-01	1.08E+00	2.18E-01	0.00E+00	0.00E+00	3.55E-05	2.17E-06
3.22E+00	6.65E-01	3.46E+00	4.92E-01	1.06E+00	1.29E-01	5.76E-01	1.16E-01	9.89E+00	1.21E+00	2.15E+00	4.51E-01	1.12E+00	2.22E-01	0.00E+00	0.00E+00	3.24E-05	4.39E-06
3.24E+00	6.65E-01	3.24E+00	4.97E-01	9.79E-01	1.32E-01	5.82E-01	1.15E-01	8.80E+00	1.20E+00	2.16E+00	4.52E-01	1.12E+00	2.21E-01	0.00E+00	0.00E+00	2.36E-05	4.82E-06
2.95E+00	6.06E-01	2.88E+00	4.60E-01	7.81E-01	1.18E-01	5.33E-01	1.05E-01	7.10E+00	1.00E+00	1.92E+00	4.15E-01	1.02E+00	2.00E-01	0.00E+00	0.00E+00	2.50E-05	2.85E-06
2.78E+00	5.83E-01	2.96E+00	4.65E-01	6.91E-01	1.18E-01	5.02E-01	9.99E-02	6.65E+00	9.50E-01	2.03E+00	4.02E-01	9.54E-01	1.89E-01	0.00E+00	0.00E+00	2.13E-05	2.74E-06
2.82E+00	5.55E-01	3.10E+00	4.78E-01	7.06E-01	1.17E-01	4.62E-01	9.42E-02	7.14E+00	9.16E-01	2.11E+00	3.87E-01	8.60E-01	1.77E-01	0.00E+00	0.00E+00	2.14E-05	3.02E-06
2.84E+00	4.92E-01	2.95E+00	4.54E-01	6.99E-01	1.05E-01	4.70E-01	8.24E-02	8.12E+00	8.36E-01	2.01E+00	3.49E-01	8.66E-01	1.53E-01	0.00E+00	0.00E+00	1.79E-05	3.08E-06
2.31E+00	4.05E-01	2.42E+00	3.95E-01	7.15E-01	8.19E-02	3.99E-01	7.19E-02	8.15E+00	7.43E-01	1.75E+00	2.77E-01	8.35E-01	1.34E-01	0.00E+00	0.00E+00	2.14E-05	2.96E-06
2.07E+00	3.81E-01	2.29E+00	3.92E-01	7.38E-01	8.63E-02	3.65E-01	6.78E-02	7.35E+00	7.44E-01	1.54E+00	2.68E-01	7.53E-01	1.24E-01	0.00E+00	0.00E+00	2.27E-05	3.38E-06
2.29E+00	3.97E-01	2.00E+00	4.20E-01	7.15E-01	9.69E-02	3.84E-01	7.13E-02	5.88E+00	7.97E-01	1.65E+00	2.87E-01	7.22E-01	1.28E-01	0.00E+00	0.00E+00	2.41E-05	3.51E-06
2.39E+00	3.74E-01	2.08E+00	4.38E-01	6.48E-01	1.05E-01	4.00E-01	6.70E-02	5.20E+00	8.37E-01	1.73E+00	2.99E-01	7.37E-01	1.19E-01	0.00E+00	0.00E+00	2.46E-05	3.57E-06
2.75E+00	3.88E-01	2.27E+00	4.59E-01	6.79E-01	1.20E-01	5.12E-01	6.05E-02	5.90E+00	9.73E-01	1.87E+00	3.15E-01	1.04E+00	1.06E-01	0.00E+00	0.00E+00	2.10E-05	3.57E-06
3.58E+00	4.35E-01	2.78E+00	5.34E-01	7.95E-01	1.59E-01	6.64E-01	6.26E-02	7.08E+00	1.28E+00	2.45E+00	3.53E-01	1.36E+00	1.09E-01	0.00E+00	0.00E+00	2.30E-05	3.75E-06
4.15E+00	4.61E-01	3.10E+00	6.70E-01	8.98E-01	1.95E-01	7.64E-01	6.67E-02	7.69E+00	1.62E+00	2.87E+00	3.88E-01	1.58E+00	1.17E-01	0.00E+00	0.00E+00	2.38E-05	3.82E-06
5.18E+00	5.48E-01	3.46E+00	8.45E-01	1.00E+00	2.41E-01	9.44E-01	7.50E-02	9.05E+00	2.02E+00	3.47E+00	4.95E-01	1.94E+00	1.31E-01	0.00E+00	0.00E+00	2.27E-05	3.71E-06
5.77E+00	6.89E-01	3.91E+00	1.02E+00	1.19E+00	2.82E-01	1.05E+00	8.63E-02	1.10E+01	2.41E+00	3.55E+00	6.17E-01	1.94E+00	1.55E-01	0.00E+00	0.00E+00	2.28E-05	3.38E-06
5.96E+00	8.02E-01	4.35E+00	1.06E+00	2.03E+00	2.87E-01	1.11E+00	1.10E-01	1.31E+01	2.36E+00	5.18E+00	6.83E-01	2.99E+00	2.13E-01	0.00E+00	0.00E+00	2.62E-05	3.27E-06
3.95E+00	1.07E+00	5.03E+00	1.07E+00	2.23E+00	2.54E-01	7.51E-01	1.65E-01	1.50E+01	2.00E+00	3.36E+00	8.18E-01	1.69E+00	2.96E-01	0.00E+00	0.00E+00	2.54E-05	3.67E-06
3.70E+00	1.01E+00	5.34E+00	1.06E+00	1.85E+00	3.11E-01	7.03E-01	1.64E-01	1.57E+01	2.53E+00	3.18E+00	7.29E-01	1.26E+00	2.75E-01	0.00E+00	0.00E+00	2.52E-05	4.54E-06
4.05E+00	9.81E-01	4.87E+00	1.37E+00	1.37E+00	3.84E-01	7.28E-01	1.27E-01	1.41E+01	2.92E+00	2.96E+00	8.48E-01	1.39E+00	2.14E-01	0.00E+00	0.00E+00	2.82E-05	4.91E-06
4.65E+00	1.07E+00	4.27E+00	1.35E+00	1.32E+00	3.62E-01	7.73E-01	1.58E-01	1.11E+01	2.86E+00	3.18E+00	9.09E-01	1.37E+00	2.86E-01	0.00E+00	0.00E+00	2.50E-05	5.48E-06
4.54E+00	1.03E+00	4.37E+00	1.38E+00	1.35E+00	4.05E-01	8.21E-01	1.37E-01	1.23E+01	2.89E+00	3.82E+00	8.58E-01	1.92E+00	2.15E-01	0.00E+00	0.00E+00	3.08E-05	4.83E-06
1.01E+01	1.26E+00	9.49E+00	1.46E+00	2.78E+00	3.83E-01	1.83E+00	1.82E-01	3.03E+01	2.94E+00	6.88E+00	9.88E-01	3.10E+00	2.95E-01	0.00E+00	0.00E+00	3.54E-05	5.34E-06
9.59E+00	9.83E-01	1.13E+01	1.01E+00	3.01E+00	2.59E-01	1.40E+00	1.54E-01	2.28E+01	1.81E+00	7.66E+00	7.84E-01	2.41E+00	2.93E-01	0.00E+00	0.00E+00	3.58E-05	4.47E-06
1.06E+01	1.14E+00	1.62E+01	1.35E+00	3.92E+00	3.79E-01	1.66E+00	1.64E-01	4.54E+01	2.71E+00	9.76E+00	9.26E-01	3.29E+00	2.75E-01	0.00E+00	0.00E+00	4.62E-05	3.41E-06
7.02E+00	7.20E-01	1.01E+01	7.94E-01	2.77E+00	2.26E-01	1.05E+00	1.09E-01	2.61E+01	1.68E+00	6.17E+00	5.55E-01	2.24E+00	2.02E-01	0.00E+00	0.00E+00	2.67E-05	3.55E-06
7.29E+00	8.60E-01	1.11E+01	1.24E+00	2.85E+00	2.67E-01	8.02E-01	1.06E-01	3.13E+01	3.25E+00	6.71E+00	7.62E-01	2.52E+00	2.09E-01	0.00E+00	0.00E+00	1.75E-05	2.41E-06
5.69E+00	1.47E+00	7.95E+00	2.00E+00	2.62E+00	4.48E-01	7.53E-01	1.92E-01	1.90E+01	4.97E+00	4.83E+00	1.24E+00	1.36E+00	3.20E-01	0.00E+00	0.00E+00	2.01E-05	2.30E-06
8.17E+00	1.64E+00	1.13E+01	2.62E+00	3.18E+00	6.12E-01	1.08E+00	2.39E-01	2.58E+01	6.30E+00	6.98E+00	1.43E+00	1.65E+00	4.05E-01	0.00E+00	0.00E+00	1.89E-05	2.30E-06
8.16E+00	1.80E+00	1.21E+01	2.67E+00	3.93E+00	6.71E-01	1.02E+00	2.26E-01	2.72E+01	6.82E+00	7.15E+00	1.60E+00	1.47E+00	3.86E-01	0.00E+00	0.00E+00	3.17E-05	4.82E-06
7.30E+00	1.21E+00	1.08E+01	1.83E+00	2.98E+00	4.44E-01	8.76E-01	1.54E-01	2.47E+01	5.12E+00	6.46E+00	1.10E+00	1.37E+00	2.50E-01	0.00E+00	0.00E+00	2.90E-05	4.38E-06
4.97E+00	1.12E+00	6.76E+00	1.42E+00	1.61E+00	3.23E-01	6.25E-01	1.61E-01	1.48E+01	3.38E+00	4.24E+00	8.98E-01	1.05E+00	2.86E-01	0.00E+00	0.00E+00	2.73E-05	2.25E-06
3.20E+00	1.06E+00	5.00E+00	1.31E+00	1.31E+00	2.93E-01	4.49E-01	1.42E-01	1.33E+01	2.74E+00	2.96E+00	8.71E-01	8.34E-01	2.49E-01	0.00E+00	0.00E+00	2.43E-05	1.77E-06
3.08E+00	9.06E-01	4.46E+00	1.24E+00	1.26E+00	2.93E-01	4.63E-01	1.13E-01	1.40E+01	2.68E+00	2.73E+00	7.68E-01	8.94E-01	1.91E-01	0.00E+00	0.00E+00	2.07E-05	3.66E-06
2.95E+00	7.51E-01	4.46E+00	1.15E+00	1.24E+00	2.93E-01	5.15E-01	8.56E-02	1.54E+01	2.67E+00	2.68E+00	6.62E-01	1.05E+00	1.38E-01	0.00E+00	0.00E+00	1.76E-05	3.42E-06
2.71E+00	6.03E-01	4.22E+00	8.40E-01	1.22E+00	2.40E-01	4.32E-01	9.14E-02	1.41E+01	2.07E+00	2.38E+00	4.82E-01	8.93E-01	1.73E-01	0.00E+00	0.00E+00	2.36E-05	2.53E-06
3.19E+00	5.65E-01	3.69E+00	7.32E-01	1.33E+00	1.80E-01	4.98E-01	7.65E-02	1.09E+01	1.75E+00	2.34E+00	4.74E-01	8.42E-01	1.40E-01	0.00E+00	0.00E+00	2.56E-05	2.99E-06
2.12E+00	4.40E-01	3.01E+00	6.57E-01	1.33E+00	1.60E-01	3.29E-01	5.21E-02	7.55E+00	1.62E+00	1.77E+00	3.90E-01	5.54E-01	9.11E-02	0.00E+00	0.00E+00	2.34E-05	3.29E-06
1.91E+00	3.37E-01	2.74E+00	5.50E-01	1.23E+00	1.38E-01	3.16E-01	3.83E-02	6.86E+00	1.44E+00	1.69E+00	3.13E-01	5.75E-01	6.92E-02	0.00E+00	0.00E+00	1.87E-05	3.34E-06
1.96E+00	2.80E-01	2.82E+00	4.46E-01	9.85E-01	1.14E-01	2.94E-01	3.60E-02	7.06E+00	1.24E+00	1.74E+00	2.62E-01	5.45E-01	6.26E-02	0.00E+00	0.00E+00	2.13E-05	3.29E-06
1.91E+00	2.71E-01	2.74E+00	3.66E-01	7.93E-01	9.26E-02	2.69E-01	3.42E-02	6.61E+00	1.02E+00	1.69E+00	2.34E-01	5.01E-01	5.72E-02	0.00E+00	0.00E+00	2.40E-05	4.09E-06
1.94E+00	2.80E-01	2.51E+00	3.82E-01	7.71E-01	9.07E-02	3.16E-01	3.47E-02	5.70E+00	8.85E-01	1.56E+00	2.43E-01	5.96E-01	5.85E-02	0.00E+00	0.00E+00	2.57E-05	4.21E-06
2.59E+00	3.10E-01	2.66E+00	4.25E-01	7.48E-01	9.56E-02	4.05E-01	3.88E-02	5.78E+00	9.79E-01	1.97E+00	2.69E-01	7.51E-01	6.69E-02	0.00E+00	0.00E+00	2.18E-05	3.77E-06
3.89E+00	3.29E-01	4.60E+00	4.54E-01	8.85E-01	1.12E-01	5.25E-01	4.22E-02	1.04E+01	1.04E+00	3.15E+00	2.85E-01	9.16E-01	7.22E-02	0.00E+00	0.00E+00	2.43E-05	3.74E-06
6.12E+00	4.29E-01	7.89E+00	5.52E-01	1.74E+00	1.37E-01	7.81E-01	5.57E-02	1.86E+01	1.22E+00	5.07E+00	3.59E-01	1.28E+00	9.48E-02	0.00E+00	0.00E+00	2.52E-05	3.57E-06

Scenario 4 Results

5.59E+00	4.36E-01	7.91E+00	5.89E-01	2.04E+00	1.51E-01	6.77E-01	5.54E-02	1.90E+01	1.30E+00	4.83E+00	3.72E-01	1.06E+00	9.27E-02	0.00E+00	0.00E+00	2.71E-05	3.41E-06
4.02E+00	4.93E-01	6.71E+00	6.88E-01	2.15E+00	1.74E-01	4.54E-01	5.68E-02	1.96E+01	1.91E+00	3.77E+00	4.31E-01	7.41E-01	9.62E-02	0.00E+00	0.00E+00	2.85E-05	3.58E-06
2.66E+00	4.02E-01	4.34E+00	5.62E-01	1.38E+00	1.15E-01	2.92E-01	4.62E-02	1.40E+01	1.45E+00	2.47E+00	3.55E-01	5.28E-01	7.76E-02	0.00E+00	0.00E+00	2.47E-05	4.07E-06
2.44E+00	3.06E-01	3.50E+00	4.29E-01	1.11E+00	9.15E-02	3.04E-01	3.54E-02	8.51E+00	1.12E+00	2.14E+00	2.73E-01	4.40E-01	5.92E-02	0.00E+00	0.00E+00	2.60E-05	4.93E-06
2.88E+00	2.86E-01	3.72E+00	3.98E-01	1.16E+00	8.54E-02	3.95E-01	3.32E-02	1.12E+01	1.04E+00	2.40E+00	2.56E-01	6.14E-01	5.58E-02	0.00E+00	0.00E+00	2.93E-05	5.52E-06
2.38E+00	4.00E-01	2.93E+00	5.53E-01	8.21E-01	1.59E-01	4.16E-01	6.92E-02	6.88E+00	1.30E+00	1.95E+00	3.40E-01	7.77E-01	1.42E-01	0.00E+00	0.00E+00	2.73E-05	6.18E-06
2.62E+00	4.29E-01	3.24E+00	5.81E-01	8.61E-01	1.67E-01	4.47E-01	7.41E-02	7.60E+00	1.36E+00	2.12E+00	3.58E-01	8.36E-01	1.52E-01	0.00E+00	0.00E+00	2.85E-05	5.58E-06
2.67E+00	4.37E-01	3.27E+00	5.43E-01	8.10E-01	1.58E-01	4.47E-01	7.51E-02	7.39E+00	1.23E+00	2.15E+00	3.42E-01	8.38E-01	1.54E-01	0.00E+00	0.00E+00	3.37E-05	5.47E-06
2.94E+00	4.73E-01	3.62E+00	5.60E-01	8.63E-01	1.63E-01	4.79E-01	8.14E-02	7.97E+00	1.26E+00	2.38E+00	3.55E-01	8.99E-01	1.67E-01	0.00E+00	0.00E+00	3.41E-05	4.02E-06
2.99E+00	4.86E-01	3.61E+00	5.12E-01	7.98E-01	1.51E-01	4.75E-01	8.35E-02	7.71E+00	1.10E+00	2.39E+00	3.56E-01	8.95E-01	1.71E-01	0.00E+00	0.00E+00	3.64E-05	3.28E-06
3.42E+00	5.53E-01	4.18E+00	5.45E-01	9.04E-01	1.61E-01	5.30E-01	9.51E-02	9.12E+00	1.17E+00	2.76E+00	4.02E-01	1.00E+00	1.94E-01	0.00E+00	0.00E+00	3.53E-05	3.32E-06
3.43E+00	5.61E-01	3.99E+00	4.83E-01	8.69E-01	1.42E-01	5.11E-01	9.65E-02	8.28E+00	1.13E+00	2.71E+00	4.09E-01	9.93E-01	1.97E-01	0.00E+00	0.00E+00	1.67E-05	2.92E-06
3.14E+00	5.25E-01	3.35E+00	4.49E-01	7.32E-01	1.15E-01	4.68E-01	8.99E-02	6.27E+00	1.03E+00	2.39E+00	3.85E-01	9.24E-01	1.83E-01	0.00E+00	0.00E+00	1.73E-05	2.29E-06
2.74E+00	4.79E-01	2.67E+00	4.17E-01	5.96E-01	9.70E-02	4.62E-01	8.15E-02	4.93E+00	9.46E-01	2.01E+00	3.55E-01	8.61E-01	1.65E-01	0.00E+00	0.00E+00	1.79E-05	2.04E-06
2.29E+00	4.00E-01	1.99E+00	3.74E-01	5.69E-01	9.06E-02	4.28E-01	6.68E-02	5.09E+00	8.42E-01	1.46E+00	3.01E-01	7.39E-01	1.34E-01	0.00E+00	0.00E+00	1.65E-05	2.07E-06
2.14E+00	3.86E-01	2.14E+00	3.77E-01	6.16E-01	9.37E-02	4.04E-01	6.38E-02	5.43E+00	8.48E-01	1.38E+00	2.91E-01	7.25E-01	1.26E-01	0.00E+00	0.00E+00	2.55E-05	3.66E-06
2.05E+00	3.64E-01	2.29E+00	3.78E-01	6.60E-01	9.61E-02	3.77E-01	5.94E-02	5.73E+00	8.45E-01	1.36E+00	2.76E-01	7.02E-01	1.16E-01	0.00E+00	0.00E+00	2.33E-05	3.94E-06
2.16E+00	3.82E-01	2.46E+00	3.98E-01	7.14E-01	1.02E-01	3.99E-01	6.22E-02	6.08E+00	8.80E-01	1.47E+00	2.89E-01	7.35E-01	1.20E-01	0.00E+00	0.00E+00	2.11E-05	2.57E-06
2.58E+00	4.39E-01	2.65E+00	4.32E-01	7.78E-01	1.12E-01	4.75E-01	7.24E-02	6.46E+00	9.37E-01	1.67E+00	3.28E-01	8.61E-01	1.39E-01	0.00E+00	0.00E+00	2.45E-05	1.47E-06
2.87E+00	4.57E-01	2.89E+00	4.55E-01	8.17E-01	1.23E-01	5.26E-01	7.58E-02	7.04E+00	1.01E+00	1.85E+00	3.39E-01	9.34E-01	1.44E-01	0.00E+00	0.00E+00	1.93E-05	2.16E-06
3.65E+00	5.19E-01	3.29E+00	5.62E-01	9.37E-01	1.48E-01	6.61E-01	8.70E-02	8.22E+00	1.09E+00	2.36E+00	3.84E-01	1.14E+00	1.62E-01	0.00E+00	0.00E+00	1.73E-05	3.72E-06
3.75E+00	5.49E-01	3.68E+00	6.53E-01	1.07E+00	1.69E-01	6.66E-01	8.64E-02	8.96E+00	1.28E+00	2.44E+00	4.47E-01	1.14E+00	1.57E-01	0.00E+00	0.00E+00	2.43E-05	3.68E-06
7.16E+00	5.83E-01	4.19E+00	7.06E-01	1.30E+00	1.90E-01	1.33E+00	8.35E-02	1.03E+01	1.70E+00	5.21E+00	4.73E-01	2.89E+00	1.51E-01	0.00E+00	0.00E+00	2.83E-05	2.63E-06
9.51E+00	6.77E-01	5.19E+00	9.31E-01	1.51E+00	2.57E-01	1.80E+00	1.29E-01	1.31E+01	2.13E+00	5.95E+00	5.45E-01	3.41E+00	2.45E-01	0.00E+00	0.00E+00	2.80E-05	3.11E-06
9.45E+00	6.95E-01	6.06E+00	1.04E+00	1.85E+00	2.87E-01	1.82E+00	8.70E-02	1.80E+01	2.22E+00	6.92E+00	6.24E-01	4.07E+00	1.74E-01	0.00E+00	0.00E+00	2.39E-05	3.35E-06
4.60E+00	8.42E-01	6.96E+00	1.18E+00	2.07E+00	3.42E-01	7.50E-01	1.13E-01	2.03E+01	2.53E+00	4.20E+00	7.35E-01	1.45E+00	2.04E-01	0.00E+00	0.00E+00	1.94E-05	3.38E-06
4.32E+00	9.39E-01	6.17E+00	1.57E+00	1.95E+00	4.84E-01	8.60E-01	1.27E-01	1.73E+01	3.56E+00	3.73E+00	8.84E-01	1.49E+00	2.30E-01	0.00E+00	0.00E+00	2.11E-05	3.41E-06
6.22E+00	1.20E+00	4.94E+00	1.73E+00	1.47E+00	4.88E-01	1.24E+00	1.51E-01	1.15E+01	3.68E+00	3.81E+00	1.07E+00	2.33E+00	2.75E-01	0.00E+00	0.00E+00	2.39E-05	4.25E-06
8.61E+00	1.26E+00	6.61E+00	2.07E+00	2.16E+00	5.79E-01	1.69E+00	1.60E-01	1.56E+01	4.49E+00	4.99E+00	1.18E+00	3.05E+00	2.92E-01	0.00E+00	0.00E+00	2.54E-05	3.60E-06
7.01E+00	1.70E+00	1.15E+01	1.95E+00	3.95E+00	4.96E-01	1.07E+00	2.51E-01	2.65E+01	3.46E+00	6.30E+00	1.37E+00	2.20E+00	4.48E-01	0.00E+00	0.00E+00	2.77E-05	3.63E-06
6.79E+00	1.20E+00	1.22E+01	1.77E+00	3.11E+00	5.94E-01	1.07E+00	1.61E-01	3.62E+01	2.80E+00	6.81E+00	1.05E+00	2.24E+00	2.86E-01	0.00E+00	0.00E+00	2.99E-05	3.58E-06
1.35E+01	1.34E+00	1.37E+01	1.56E+00	3.53E+00	4.72E-01	2.65E+00	2.17E-01	3.73E+01	2.69E+00	8.34E+00	1.03E+00	5.05E+00	3.92E-01	0.00E+00	0.00E+00	2.84E-05	3.63E-06
6.69E+00	1.60E+00	9.38E+00	2.13E+00	3.45E+00	7.61E-01	1.16E+00	2.35E-01	2.50E+01	4.53E+00	5.88E+00	1.30E+00	1.97E+00	4.01E-01	0.00E+00	0.00E+00	2.49E-05	4.34E-06
1.32E+01	2.69E+00	1.95E+01	4.28E+00	5.65E+00	1.16E+00	1.67E+00	2.94E-01	4.65E+01	1.03E+01	1.16E+01	2.52E+00	2.62E+00	4.84E-01	0.00E+00	0.00E+00	2.63E-05	5.10E-06
1.21E+01	1.90E+00	1.76E+01	2.88E+00	5.21E+00	5.86E-01	1.49E+00	2.69E-01	4.01E+01	8.01E+00	1.06E+01	1.73E+00	2.26E+00	4.89E-01	0.00E+00	0.00E+00	2.90E-05	5.82E-06
7.41E+00	1.95E+00	1.06E+01	2.62E+00	2.61E+00	6.11E-01	8.82E-01	2.49E-01	2.53E+01	5.47E+00	6.47E+00	1.66E+00	1.50E+00	4.36E-01	0.00E+00	0.00E+00	2.75E-05	6.42E-06
4.66E+00	1.27E+00	6.72E+00	1.98E+00	1.99E+00	4.77E-01	7.13E-01	1.42E-01	2.04E+01	4.46E+00	4.09E+00	1.13E+00	1.54E+00	2.29E-01	0.00E+00	0.00E+00	2.81E-05	6.05E-06
4.53E+00	8.50E-01	7.07E+00	1.23E+00	1.97E+00	3.36E-01	7.73E-01	1.02E-01	1.84E+01	2.99E+00	4.16E+00	7.61E-01	1.43E+00	1.64E-01	0.00E+00	0.00E+00	3.38E-05	6.26E-06
3.85E+00	6.73E-01	6.27E+00	1.04E+00	1.67E+00	2.72E-01	7.11E-01	7.34E-02	1.72E+01	2.72E+00	3.63E+00	6.23E-01	1.46E+00	1.14E-01	0.00E+00	0.00E+00	3.49E-05	5.45E-06
3.11E+00	5.58E-01	5.11E+00	9.04E-01	1.33E+00	2.28E-01	5.73E-01	5.60E-02	1.45E+01	2.50E+00	2.94E+00	5.28E-01	1.29E+00	8.89E-02	0.00E+00	0.00E+00	3.04E-05	3.85E-06
2.73E+00	4.46E-01	3.96E+00	7.45E-01	1.39E+00	1.84E-01	4.05E-01	4.97E-02	1.14E+01	2.14E+00	2.41E+00	4.28E-01	9.28E-01	8.86E-02	0.00E+00	0.00E+00	3.51E-05	2.96E-06
2.69E+00	4.03E-01	3.98E+00	5.68E-01	1.30E+00	1.39E-01	4.07E-01	5.14E-02	1.01E+01	1.66E+00	2.40E+00	3.45E-01	7.33E-01	8.68E-02	0.00E+00	0.00E+00	2.48E-05	3.16E-06
3.39E+00	4.39E-01	3.83E+00	6.04E-01	1.10E+00	1.42E-01	5.73E-01	5.43E-02	9.79E+00	1.36E+00	2.40E+00	3.76E-01	1.04E+00	9.18E-02	0.00E+00	0.00E+00	1.93E-05	2.38E-06
4.05E+00	4.60E-01	4.01E+00	6.40E-01	1.10E+00	1.43E-01	6.45E-01	5.65E-02	9.23E+00	1.47E+00	3.08E+00	3.96E-01	1.19E+00	9.67E-02	0.00E+00	0.00E+00	1.93E-05	2.17E-06
3.67E+00	4.37E-01	4.24E+00	6.12E-01	1.10E+00	1.41E-01	5.38E-01	5.23E-02	8.40E+00	1.43E+00	2.99E+00	3.78E-01	1.00E+00	8.83E-02	0.00E+00	0.00E+00	1.66E-05	1.81E-06
3.18E+00	4.27E-01	4.45E+00	5.97E-01	1.25E+00	1.46E-01	4.20E-01	5.10E-02	9.08E+00	1.42E+00	2.76E+00	3.71E-01	7.77E-01	8.60E-02	0.00E+00	0.00E+00	1.52E-05	1.90E-06
2.06E+00	3.31E-01	3.04E+00	4.68E-01	8.42E-01	1.08E-01	2.87E-01	3.92E-02	8.13E+00	1.14E+00	1.88E+00	2.91E-01	5.24E-01	6.49E-02	0.00E+00	0.00E+00	2.08E-05	2.82E-06
2.63E+00	2.94E-01	3.23E+00	4.18E-01	8.19E-01	9.89E-02	3.54E-01	3.78E-02	8.22E+00	1.03E+00	2.14E+00	2.61E-01	6.08E-01	6.53E-02	0.00E+00	0.00E+00	2.13E-05	3.46E-06
4.08E+00	3.62E-01	5.38E+00	4.74E-01	1.29E+00	1.12E-01	5.22E-01	4.68E-02	1.24E+01	1.06E+00	3.42E+00	3.06E-01	8.46E-01	7.94E-02	0.00E+00	0.00E+00	2.13E-05	2.67E-06
5.10E+00	4.20E-01	6.79E+00	5.52E-01	1.71E+00	1.33E-01	6.56E-01	5.46E-02	1.53E+01	1.19E+00	4.24E+00	3.54E-01	1.04E+00	9.22E-02	0.00E+00	0.00E+00	2.18E-05	1.59E-06
4.09E+00	3.92E-01	5.42E+00	5.12E-01	1.40E+00	1.23E-01	5.42E-01	5.17E-02	1.10E+01	1.12E+00	3.39E+00	3.29E-01	8.90E-01	8.94E-02	0.00E+00	0.00E+00	2.18E-05	1.62E-06
2.63E+00	3.57E-01	3.11E+00	4.88E-01	9.62E-01	1.13E-01	3.90E-01	4.29E-02	1.07E+01	1.24E+00	2.10E+00	3.17E-01	6.51E-01	7.62E-02	0.00E+00	0.00E+00	2.16E-05	3.00E-06
4.63E+00	4.89E-01	6.10E+00	6.73E-01	1.78E+00	1.55E-01	6.84E-01	5.80E-02	2.15E+01	1.78E+00	3.69E+00	4.37E-01	1.10E+00	9.67E-02	0.00E+00	0.00E+00	2.35E-05	3.85E-06
4.29E+00	3.91E-01	5.40E+00	5.38E-01	1.59E+00	1.26E-01	6.77E-01	4.66E-02	1.83E+01	1.41E+00	3.26E+00	3.50E-01	1.17E+00	7.76E-02	0.00E+00	0.00E+00	2.89E-05	3.54E-06
3.49E+00	2.77E-01	3.72E+00	3.83E-01	1.24E+00	9.11E-02	5.78E-01	3.32E-02	1.17E+01	9.87E-01	2.53E+00	2.49E-01	1.07E+00	5.55E-02	0.00E+00	0.00E+00	3.05E-05	2.74E-06
4.53E+00	3.49E-01	4.71E+00	4.84E-01	1.80E+00	1.49E-01	7.59E-01	4.14E-02	1.34E+01	1.26E+00	3.23E+00	3.13E-01	1.43E+00	6.90E-02	0.00E+00	0.00E+00	2.81E-05	3.08E-06
2.27E+00	4.99E-01	3.34E+00	6.19E-01	8.92E-01	1.70E-01	3.93E-01	7.36E-02	8.98E+00	1.32E+00	1.91E+00	4.07E-01	7.62E-01	1.37E-01	0.00E+00	0.00E+00	2.33E-05	3.31E-06
2.38E+00	5.18E-01	3.62E+00	6.37E-01	9.75E-01	1.74E-01	4.15E-01	7.70E-02	9.73E+00	1.34E+00	2.07E+00	4.21E-01	8.09E-01	1.43E-01	0.00E+00	0.00E+00	1.98E-05	3.29E-06
2.39E+00	5.20E-01	3.75E+00	6.29E-01	1.02E+00	1.71E-01	4.23E-01	7.83E-02	1.00E+01	1.30E+00	2.14E+00	4.21E-01	8.31E-01	1.46E-01	0.00E+00	0.00E+00	2.00E-05	3.22E-06
2.81E+00	5.98E-01	4.41E+00	7.34E-01	1.22E+00	1.98E-01	4.81E-01	8.87E-02	1.19E+01	1.54E+00	2.49E+00	4.89E-01	9.52E-01	1.65E-01	0.00E+00	0.00E+00	2.80E-05	3.57E-06
3.25E+00	6.84E-01	5.10E+00	8.45E-01	1.43E+00	2.28E-01	5.42E-01	9.96E-02	1.40E+01	1.81E+00	2.85E+00	5.61E-01	1.08E+00	1.85E-01	0.00E+00	0.00E+00	2.99E-05	3.58E-06
3.42E+00	7.21E-01	5.38E+00	8.78E-01	1.53E+00	2.35E-01	5.70E-01	1.06E-01	1.47E+01	1.85E+00	3.00E+00	5.88E-01	1.14E+00	1.97E-01	0.00E+00	0.00E+00	2.64E-05	3.53E-06
2.86E+00	5.94E-01	4.31E+00	6.69E-01	1.26E+00	1.78E-01	5.54E-01	9.22E-02	1.11E+01	1.34E+00	2.45E+00	4.68E-01	1.00E+00	1.74E-01	0.00E+00	0.00E+00	2.34E-05	4.30E-06
2.76E+00	4.88E-01	3.34E+00	5.76E-01	1.01E+00	1.50E-01	5.40E-01	8.00E-02	8.06E+00	1.18E+00	1.93E+00	3.87E-01	9.62E-01	1.53E-01	0.00E+00	0.00E+00	2.51E-05	4.98E-06
2.83E+00	4.62E-01	2.69E+00	5.58E-01	8.43E-01	1.47E-01	5.66E-01	7.35E-02	6.10E+00	1.13E+00	1.71E+00	3.77E-01	1.03E+00	1.42E-01	0.00E+00	0.00E+00	2.80E-05	5.96E-06
2.33E+00	4.35E-01	2.32E+00	5.28E-01	6.43E-01	1.41E-01	4.65E-01	6.16E-02	5.41E+00	1.09E+00	1.43E+00	3.56E-01	8.47E-01	1.20E-01	0.00E+00	0.00E+00	2.77E-05	6.53E-06
1.84E+00	4.33E-01	2.36E+00	5.34E-01	6.54E-01	1.43E-01	3.57E-01	6.01E-02	5.36E+00	1.12E+00	1.46E+00	3.56E-01	6.74E-01	1.07E-01	0.00E+00	0.00E+00	2.78E-05	6.18E-06
1.84E+00	4.66E-01	2.47E+00	5.77E-01	6.87E-01	1.56E-01	3.49E-01	6.46E-02	5.50E+00	1.21E+00	1.54E+00	3.85E-01	6.11E-01	1.09E-01	0.00E+00	0.00E+00	3.47E-05	6.54E-06
1.94E+00	5.04E-01	2.58E+00	6.26E-01	7.21E-01	1.70E-01	3.72E-01	6.96E-02	5.78E+00	1.31E+00	1.62E+00	4.16E-01	6.52E-01	1.15E-01	0.00E+00	0.00E+00	3.36E-05	6.61E-06
2.32E+00	5.71E-01	2.75E+00	7.03E-01	7.80E-01	1.92E-01	4.46E-01	7.97E-02	6.39E+00	1.45E+00	1.74E+00	4.70E-01	7.82E-01	1.33E-01	0.00E+00	0.00E+00	3.76E-05	4.61E-06
3.01E+00	6.70E-01	3.00E+00	8.06E-01	8.91E-01	2.20E-01	5.81E-01	9.51E-02	7.18E+00	1.62E+00	1.91E+00	5.46E-01	1.02E+00	1.59E-01	0.00E+00	0.00E+00	3.16E-05	3.22E-06
3.98E+00	7.93E-01	3.44E+00	9.27E-01	1.03E+00	2.52E-01	7.70E-01	1.15E-01	8.10E+00	1.80E+00	2.34E+00	6.38E-01	1.35E+00	1.94E-01	0.00E+00	0.00E+00	3.07E-05	3.60E-06
4.08E+00	8.35E-01	3.75E+00	9.66E-01	1.14E+00	2.64E-01	7.96E-01	1.22E-01	9.02E+00	1.86E+00	2.37E+00	6.71E-01	1.38E+00	2.07E-01	0.00E+00	0.00E+00	1.84E-05	3.25E-06
3.20E+00	8.09E-01	3.95E+00	9.42E-01	1.19E+00	2.59E-01	6.28E-01	1.18E-01	1.02E+01	1.84E+00	2.38E+00	6.52E-01	1.07E+00	1.99E-01	0.00E+00	0.00E+00	2.22E-05	2.16E-06
2.84E+00	7.85E-01	4.46E+00	9.15E-01	1.32E+00	2.53E-01	4.25E-01	1.14E-01	1.11E+01	1.78E+00	2.50E+00	6.32E-01	9.21E-01	1.93E-01	0.00E+00	0.00E+00	2.11E-05	2.20E-06
2.97E+00	7.85E-01	5.01E+00	8.98E-01	1.55E+00	2.49E-01	5.46E-01	1.16E-01	1.21E+01	1.85E+00	2.78E+00	6.28E-01	1.40E+00	1.96E-01	0.00E+00	0.00E+00	1.61E-05	1.75E-06
3.34E+00	8.22E-01	5.66E+00	9.77E-01	1.81E+00	2.78E-01	4.82E-01	1.25E-01	1.35E+01	2.07E+00	3.17E+00	6.45E-01	1.58E+00	2.15E-01	0.00E+00	0.00E+00	1.52E-05	1.85E-06
3.47E+00	8.47E-01	5.57E+00	1.24E+00	1.86E+00	3.51E-01	5.97E-01	1.34E-01	1.55E+01	2.54E+00	3.26E+00	7.18E-01	1.55E+00	2.35E-01	0.00E+00	0.00E+00	1.77E-05	2.47E-06
3.52E+00	9.93E-01	6.25E+00	1.48E+00	2.00E+00	4.25E-01	5.97E-01	1.43E-01	1.44E+01	3.03E+00	3.29E+00	8.82E-01	1.56E+00	2.56E-01	0.00E+00	0.00E+00	2.02E-05	3.43E-06
3.75E+00	9.76E-01	5.79E+00	1.43E+00	1.93E+00	3.93E-01	6.22E-01	1.41E-01	1.29E+01	2.91E+00	3.42E+00	8.33E-01	1.28E+00	2.79E-01	0.00E+00	0.00E+00	2.27E-05	3.12E-06
3.59E+00	1.00E+00	6.78E+00	1.91E+00	1.72E+00	4.44E-01	4.88E-01	1.33E-01	1.72E+01	3.75E+00	3.54E+00	1.01E+00	9.96E-01	2.83E-01	0.00E+00	0.00E+00	2.51E-05	2.13E-06
4.58E+00	2.75E-01	3.57E+00	4.37E-01	1.12E+00	1.52E-01	8.48E-01	5.09E-02	9.30E+00	1.37E+00	3.10E+00	3.00E-01	1.65E+00	9.51E-02	0.00E+00	0.00E+00	2.42E-05	1.89E-06
6.25E+00	8.25E-01	1.05E+01	1.72E+00	4.86E+00	7.31E-01	1.16E+00	9.43E-02	5.08E+01	6.71E+00	6.13E+00	9.48E-01	2.27E+00	2.07E-01	0.00E+00	0.00E+00	1.96E-05	1.87E-06
6.35E+00	8.19E-01	1.05E+01	1.50E+00	4.02E+00	3.16E-01	1.14E+00	1.27E-01	3.04E+01	4.94E+00	5.47E+00	9.28E-01	2.34E+00	2.89E-01	0.00E+00	0.00E+00	2.17E-05	3.35E-06
7.99E+00	1.35E+00	1.38E+01	2.39E+00	4.23E+00	6.31E-01	1.35E+00	1.53E-01	4.21E+01	5.73E+00	7.84E+00	1.39E+00	2.26E+00	2.88E-01	0.00E+00	0.00E+00	2.80E-05	3.96E-06
9.76E+00	1.04E+00	9.30E+00	1.97E+00	2.49E+00	4.35E-01	1.84E+00	1.18E-01	2.89E+01	5.89E+00	5.43E+00	1.07E+00	3.20E+00	2.14E-01	0.00E+00	0.00E+00	3.13E-05	3.67E-06
8.91E+00	7.30E-01	7.69E+00	1.26E+00	1.95E+00	2.58E-01	1.64E+00	9.62E-02	2.35E+01	4.05E+00	5.12E+00	6.81E-01	2.97E+00	1.81E-01	0.00E+00	0.00E+00	3.11E-05	2.85E-06
6.23E+00	6.73E-01	6.64E+00	9.57E-01	1.90E+00	2.58E-01	1.13E+00	9.99E-02	1.84E+01	2.73E+00	4.09E+00	5.96E-01	2.28E+00	1.82E-01	0.00E+00	0.00E+00	2.78E-05	2.96E-06
4.84E+00	5.22E-01	6.11E+00	7.53E-01	1.72E+00	2.00E-01	6.83E-01	7.51E-02	1.65E+01	1.86E+00	3.86E+00	4.60E-01	1.46E+00	1.36E-01	0.00E+00	0.00E+00	2.30E-05	3.06E-06
4.53E+00	4.39E-01	5.70E+00	6.09E-01	1.50E+00	1.60E-01	6.21E-01	6.11E-02	1.48E+01	1.55E+00	3.72E+00	3.69E-01	1.04E+00	1.09E-01	0.00E+00	0.00E+00	1.90E-05	3.01E-06
3.95E+00	4.15E-01	5.03E+00	5.46E-01	1.34E+00	1.44E-01	5.37E-01	5.58E-02	1.35E+01	1.40E+00	3.30E+00	3.48E-01	9.21E-01	9.75E-02	0.00E+00	0.00E+00	2.81E-05	3.48E-06
3.40E+00	3.99E-01	4.51E+00	5.47E-01	1.20E+00	1.42E-01	4.62E-01	5.19E-02	1.22E+01	1.29E+00	2.86E+00	3.39E-01	8.03E-01	8.89E-02	0.00E+00	0.00E+00	2.32E-05	3.58E-06
2.99E+00	4.18E-01	4.13E+00	5.88E-01	1.10E+00	1.49E-01	4.13E-01	5.11E-02	1.13E+01	1.36E+00	2.53E+00	3.60E-01	7.19E-01	8.93E-02	0.00E+00	0.00E+00	2.17E-05	4.13E-06
2.73E+00	3.86E-01	3.72E+00	5.51E-01	9.87E-01	1.39E-01	3.79E-01	5.01E-02	1.03E+01	1.30E+00	2.28E+00	3.37E-01	6.70E-01	8.70E-02	0.00E+00	0.00E+00	2.37E-05	4.63E-06
3.78E+00	4.34E-01	5.02E+00	5.99E-01	1.20E+00	1.49E-01	4.85E-01	5.74E-02	1.10E+01	1.43E+00	3.15E+00	3.67E-01	8.00E-01	9.84E-02	0.00E+00	0.00E+00	2.74E-05	5.72E-06

Scenario 4 Results

3.66E+00	4.21E-01	5.14E+00	5.57E-01	1.33E+00	1.39E-01	4.50E-01	5.48E-02	1.20E+01	1.37E+00	3.13E+00	3.54E-01	7.07E-01	9.25E-02	0.00E+00	0.00E+00	2.61E-05	6.36E-06
3.97E+00	4.50E-01	5.63E+00	5.94E-01	1.54E+00	1.50E-01	4.89E-01	5.89E-02	1.32E+01	1.45E+00	3.41E+00	3.78E-01	7.48E-01	9.89E-02	0.00E+00	0.00E+00	2.84E-05	6.16E-06
2.94E+00	3.70E-01	3.97E+00	4.84E-01	1.09E+00	1.22E-01	3.83E-01	4.90E-02	8.56E+00	1.19E+00	2.45E+00	3.10E-01	6.01E-01	8.29E-02	0.00E+00	0.00E+00	3.40E-05	6.55E-06
1.91E+00	2.77E-01	2.52E+00	3.61E-01	9.05E-01	8.91E-02	2.65E-01	3.66E-02	6.30E+00	8.84E-01	1.54E+00	2.33E-01	4.45E-01	6.28E-02	0.00E+00	0.00E+00	3.49E-05	7.09E-06
2.05E+00	2.96E-01	2.76E+00	3.77E-01	9.15E-01	8.91E-02	3.35E-01	3.99E-02	7.82E+00	9.14E-01	1.62E+00	2.45E-01	6.14E-01	7.02E-02	0.00E+00	0.00E+00	3.76E-05	5.60E-06
2.81E+00	2.90E-01	3.51E+00	3.66E-01	1.21E+00	8.92E-02	4.83E-01	3.97E-02	9.56E+00	9.31E-01	2.03E+00	2.39E-01	9.17E-01	7.14E-02	0.00E+00	0.00E+00	2.89E-05	3.94E-06
3.42E+00	3.15E-01	3.96E+00	3.92E-01	1.43E+00	1.10E-01	5.89E-01	4.45E-02	1.04E+01	9.38E-01	2.34E+00	2.53E-01	1.14E+00	7.29E-02	0.00E+00	0.00E+00	3.07E-05	3.58E-06
4.06E+00	3.78E-01	4.55E+00	4.99E-01	1.73E+00	1.51E-01	6.97E-01	5.16E-02	1.17E+01	1.06E+00	2.77E+00	3.13E-01	1.37E+00	8.15E-02	0.00E+00	0.00E+00	2.48E-05	4.01E-06
5.15E+00	5.30E-01	6.75E+00	7.63E-01	2.43E+00	2.46E-01	8.24E-01	6.77E-02	1.52E+01	1.70E+00	4.28E+00	4.59E-01	1.63E+00	9.97E-02	0.00E+00	0.00E+00	2.21E-05	3.24E-06
5.53E+00	5.21E-01	7.56E+00	7.56E-01	2.13E+00	2.44E-01	7.09E-01	6.59E-02	1.73E+01	1.71E+00	4.70E+00	4.53E-01	1.39E+00	9.64E-02	0.00E+00	0.00E+00	2.48E-05	2.11E-06
4.12E+00	3.56E-01	5.26E+00	4.72E-01	1.41E+00	1.43E-01	5.60E-01	4.84E-02	1.08E+01	9.50E-01	3.39E+00	2.97E-01	9.15E-01	7.66E-02	0.00E+00	0.00E+00	2.28E-05	2.43E-06
5.07E+00	4.24E-01	6.78E+00	5.69E-01	1.88E+00	1.70E-01	6.64E-01	5.67E-02	1.48E+01	1.19E+00	4.27E+00	3.57E-01	1.05E+00	8.94E-02	0.00E+00	0.00E+00	1.66E-05	1.91E-06
2.55E+00	6.42E-01	3.80E+00	6.37E-01	1.06E+00	1.51E-01	4.11E-01	9.75E-02	8.85E+00	1.08E+00	2.24E+00	4.87E-01	7.73E-01	1.81E-01	0.00E+00	0.00E+00	1.53E-05	1.85E-06
2.48E+00	6.16E-01	3.45E+00	5.88E-01	9.29E-01	1.35E-01	4.05E-01	9.57E-02	7.82E+00	1.01E+00	2.12E+00	4.62E-01	7.60E-01	1.79E-01	0.00E+00	0.00E+00	1.76E-05	2.49E-06
2.61E+00	6.30E-01	3.36E+00	5.87E-01	8.68E-01	1.33E-01	4.56E-01	9.88E-02	7.69E+00	1.03E+00	2.16E+00	4.68E-01	7.90E-01	1.86E-01	0.00E+00	0.00E+00	2.02E-05	3.60E-06
3.22E+00	7.64E-01	3.99E+00	7.30E-01	1.06E+00	1.67E-01	5.26E-01	1.18E-01	1.03E+01	1.21E+00	2.62E+00	5.72E-01	9.13E-01	2.21E-01	0.00E+00	0.00E+00	2.34E-05	3.50E-06
3.55E+00	8.46E-01	4.27E+00	8.19E-01	1.21E+00	1.88E-01	5.55E-01	1.30E-01	1.21E+01	1.35E+00	2.86E+00	6.36E-01	1.01E+00	2.43E-01	0.00E+00	0.00E+00	2.71E-05	2.63E-06
3.44E+00	8.17E-01	3.78E+00	7.53E-01	1.08E+00	1.66E-01	6.27E-01	1.29E-01	1.04E+01	1.29E+00	2.68E+00	6.05E-01	1.07E+00	2.43E-01	0.00E+00	0.00E+00	2.61E-05	2.03E-06
3.25E+00	7.16E-01	3.13E+00	6.26E-01	8.60E-01	1.33E-01	5.76E-01	1.16E-01	7.74E+00	1.16E+00	2.43E+00	5.23E-01	9.69E-01	2.22E-01	0.00E+00	0.00E+00	2.29E-05	2.00E-06
3.28E+00	6.39E-01	2.79E+00	5.37E-01	7.13E-01	1.26E-01	5.47E-01	1.05E-01	5.99E+00	1.10E+00	2.37E+00	4.63E-01	1.00E+00	2.04E-01	0.00E+00	0.00E+00	2.09E-05	2.58E-06
2.84E+00	4.86E-01	2.14E+00	4.88E-01	5.69E-01	1.20E-01	4.94E-01	8.21E-02	5.19E+00	1.03E+00	2.00E+00	3.49E-01	9.21E-01	1.61E-01	0.00E+00	0.00E+00	2.63E-05	3.88E-06
2.42E+00	4.23E-01	2.15E+00	4.99E-01	5.89E-01	1.23E-01	4.39E-01	7.21E-02	5.30E+00	1.08E+00	1.70E+00	3.30E-01	7.92E-01	1.43E-01	0.00E+00	0.00E+00	3.10E-05	4.18E-06
2.06E+00	4.02E-01	2.25E+00	5.26E-01	6.14E-01	1.29E-01	3.59E-01	6.58E-02	5.56E+00	1.17E+00	1.48E+00	3.43E-01	6.91E-01	1.31E-01	0.00E+00	0.00E+00	3.29E-05	3.76E-06
2.02E+00	4.22E-01	2.36E+00	5.66E-01	6.65E-01	1.41E-01	3.53E-01	6.17E-02	5.93E+00	1.28E+00	1.45E+00	3.64E-01	6.89E-01	1.23E-01	0.00E+00	0.00E+00	3.16E-05	2.94E-06
2.02E+00	4.53E-01	2.57E+00	6.23E-01	7.29E-01	1.57E-01	3.56E-01	6.28E-02	6.37E+00	1.43E+00	1.57E+00	3.95E-01	7.03E-01	1.22E-01	0.00E+00	0.00E+00	2.77E-05	2.69E-06
2.69E+00	5.58E-01	3.02E+00	7.63E-01	8.58E-01	1.89E-01	4.65E-01	8.62E-02	7.38E+00	1.73E+00	1.97E+00	4.86E-01	9.24E-01	1.67E-01	0.00E+00	0.00E+00	2.28E-05	2.77E-06
3.69E+00	6.43E-01	3.46E+00	8.93E-01	9.81E-01	2.20E-01	6.28E-01	1.02E-01	8.30E+00	2.04E+00	2.55E+00	5.64E-01	1.07E+00	1.99E-01	0.00E+00	0.00E+00	2.07E-05	3.51E-06
5.21E+00	7.08E-01	4.10E+00	1.01E+00	1.11E+00	2.51E-01	8.94E-01	1.12E-01	9.21E+00	2.34E+00	3.58E+00	6.29E-01	1.53E+00	2.20E-01	0.00E+00	0.00E+00	2.09E-05	4.02E-06
5.68E+00	7.41E-01	4.30E+00	1.07E+00	1.19E+00	2.72E-01	9.86E-01	1.02E-01	9.79E+00	2.53E+00	3.84E+00	6.50E-01	1.70E+00	2.03E-01	0.00E+00	0.00E+00	2.28E-05	4.42E-06
5.75E+00	7.99E-01	4.49E+00	1.14E+00	1.27E+00	2.98E-01	1.02E+00	1.04E-01	1.04E+01	2.75E+00	3.81E+00	6.81E-01	1.74E+00	1.87E-01	0.00E+00	0.00E+00	2.54E-05	5.28E-06
4.44E+00	8.11E-01	4.45E+00	1.15E+00	1.31E+00	3.22E-01	7.97E-01	1.01E-01	1.02E+01	2.85E+00	2.87E+00	7.07E-01	1.35E+00	1.80E-01	0.00E+00	0.00E+00	2.36E-05	5.86E-06
4.33E+00	8.77E-01	4.70E+00	1.30E+00	1.48E+00	3.68E-01	7.83E-01	1.06E-01	1.03E+01	3.05E+00	3.06E+00	7.79E-01	1.34E+00	1.82E-01	0.00E+00	0.00E+00	2.82E-05	5.85E-06
4.36E+00	9.78E-01	5.03E+00	1.50E+00	1.62E+00	4.29E-01	7.92E-01	1.15E-01	1.35E+01	3.39E+00	3.16E+00	8.79E-01	1.39E+00	1.81E-01	0.00E+00	0.00E+00	3.07E-05	6.39E-06
3.60E+00	1.09E+00	5.42E+00	1.71E+00	1.78E+00	4.96E-01	5.13E-01	1.25E-01	1.53E+01	3.84E+00	3.21E+00	9.82E-01	9.38E-01	1.98E-01	0.00E+00	0.00E+00	3.59E-05	7.21E-06
4.19E+00	1.15E+00	6.24E+00	1.81E+00	2.07E+00	5.38E-01	8.30E-01	1.50E-01	1.33E+01	3.96E+00	3.48E+00	1.01E+00	1.54E+00	2.68E-01	0.00E+00	0.00E+00	3.45E-05	6.40E-06
4.46E+00	1.17E+00	5.99E+00	1.79E+00	2.04E+00	5.66E-01	8.87E-01	1.49E-01	1.12E+01	3.19E+00	3.39E+00	1.02E+00	1.73E+00	2.53E-01	0.00E+00	0.00E+00	3.52E-05	4.52E-06
3.63E+00	8.60E-01	5.08E+00	1.17E+00	1.44E+00	2.71E-01	6.00E-01	1.41E-01	1.40E+01	2.53E+00	3.10E+00	7.35E-01	1.21E+00	2.91E-01	0.00E+00	0.00E+00	2.66E-05	3.19E-06
1.76E+01	2.00E+00	3.52E+01	4.00E+00	1.48E+00	1.35E-01	9.26E-01	7.28E-02	1.76E+02	1.99E+01	2.11E+01	2.40E+00	1.85E+00	1.70E-01	0.00E+00	0.00E+00	2.72E-05	4.04E-06
1.47E+01	1.51E+00	2.94E+01	3.03E+00	1.51E+00	2.20E-01	2.29E+00	1.13E-01	1.43E+02	1.46E+01	1.74E+01	1.79E+00	4.60E+00	2.22E-01	0.00E+00	0.00E+00	2.04E-05	4.06E-06
8.42E+00	1.17E+00	1.41E+01	2.10E+00	3.37E+00	4.93E-01	1.68E+00	1.18E-01	4.70E+01	6.54E+00	7.35E+00	1.24E+00	2.82E+00	2.55E-01	0.00E+00	0.00E+00	2.56E-05	3.11E-06
4.81E+00	9.37E-01	8.90E+00	1.29E+00	3.01E+00	3.59E-01	8.72E-01	1.18E-01	2.63E+01	3.23E+00	4.58E+00	8.33E-01	1.80E+00	2.51E-01	0.00E+00	0.00E+00	2.76E-05	2.40E-06
4.42E+00	8.11E-01	7.78E+00	1.14E+00	2.62E+00	2.97E-01	6.46E-01	1.02E-01	2.19E+01	2.67E+00	4.22E+00	7.13E-01	1.27E+00	1.78E-01	0.00E+00	0.00E+00	2.46E-05	2.72E-06
4.67E+00	6.86E-01	6.83E+00	9.60E-01	2.20E+00	2.55E-01	5.98E-01	8.59E-02	1.62E+01	2.12E+00	4.01E+00	5.99E-01	8.92E-01	1.44E-01	0.00E+00	0.00E+00	1.79E-05	2.10E-06
4.59E+00	6.07E-01	6.52E+00	8.56E-01	1.99E+00	2.31E-01	7.12E-01	7.81E-02	1.40E+01	1.98E+00	3.92E+00	5.31E-01	1.22E+00	1.39E-01	0.00E+00	0.00E+00	1.61E-05	1.82E-06
4.18E+00	4.49E-01	5.84E+00	6.36E-01	1.71E+00	1.72E-01	5.37E-01	5.67E-02	1.26E+01	1.49E+00	3.57E+00	3.93E-01	8.38E-01	9.76E-02	0.00E+00	0.00E+00	1.82E-05	2.54E-06
3.74E+00	3.60E-01	5.17E+00	5.13E-01	1.48E+00	1.40E-01	4.82E-01	5.01E-02	1.12E+01	1.22E+00	3.20E+00	3.17E-01	7.63E-01	8.75E-02	0.00E+00	0.00E+00	2.10E-05	3.81E-06
3.35E+00	3.61E-01	4.59E+00	4.39E-01	1.29E+00	1.20E-01	4.34E-01	5.53E-02	9.92E+00	1.13E+00	2.86E+00	2.72E-01	6.95E-01	9.58E-02	0.00E+00	0.00E+00	2.35E-05	3.72E-06
3.01E+00	3.77E-01	4.07E+00	4.08E-01	1.12E+00	1.07E-01	3.94E-01	5.73E-02	8.77E+00	1.11E+00	2.56E+00	2.85E-01	6.34E-01	9.90E-02	0.00E+00	0.00E+00	2.84E-05	2.97E-06
3.16E+00	4.27E-01	3.61E+00	4.70E-01	9.73E-01	1.12E-01	4.82E-01	6.40E-02	7.71E+00	1.09E+00	2.36E+00	3.26E-01	7.61E-01	1.10E-01	0.00E+00	0.00E+00	2.90E-05	2.05E-06
3.53E+00	4.43E-01	3.76E+00	4.98E-01	9.81E-01	1.18E-01	5.32E-01	6.53E-02	7.64E+00	1.04E+00	2.66E+00	3.42E-01	8.39E-01	1.12E-01	0.00E+00	0.00E+00	2.56E-05	2.13E-06
4.59E+00	5.34E-01	4.97E+00	6.18E-01	1.30E+00	1.47E-01	6.87E-01	7.70E-02	9.94E+00	1.13E+00	3.48E+00	4.17E-01	1.09E+00	1.31E-01	0.00E+00	0.00E+00	2.05E-05	2.00E-06
4.21E+00	4.70E-01	4.48E+00	5.52E-01	1.14E+00	1.30E-01	6.37E-01	6.71E-02	8.48E+00	1.03E+00	3.16E+00	3.70E-01	1.02E+00	1.14E-01	0.00E+00	0.00E+00	2.41E-05	3.26E-06
4.36E+00	4.64E-01	4.52E+00	5.51E-01	1.11E+00	1.28E-01	6.71E-01	6.55E-02	8.52E+00	1.04E+00	3.23E+00	3.66E-01	1.10E+00	1.11E-01	0.00E+00	0.00E+00	2.99E-05	4.20E-06
4.14E+00	4.15E-01	4.06E+00	4.90E-01	1.10E+00	1.11E-01	6.54E-01	5.88E-02	8.51E+00	9.12E-01	2.98E+00	3.27E-01	1.10E+00	1.00E-01	0.00E+00	0.00E+00	3.33E-05	4.32E-06
3.07E+00	2.91E-01	3.28E+00	3.27E-01	1.08E+00	6.94E-02	5.02E-01	4.25E-02	8.33E+00	6.99E-01	2.13E+00	2.24E-01	8.74E-01	7.43E-02	0.00E+00	0.00E+00	3.36E-05	3.72E-06
3.72E+00	3.39E-01	3.28E+00	3.75E-01	1.05E+00	7.70E-02	6.17E-01	5.00E-02	8.06E+00	6.73E-01	2.55E+00	2.58E-01	1.09E+00	8.83E-02	0.00E+00	0.00E+00	3.11E-05	2.84E-06
4.07E+00	3.66E-01	3.51E+00	3.96E-01	1.01E+00	7.90E-02	6.84E-01	5.49E-02	7.71E+00	6.37E-01	2.76E+00	2.76E-01	1.23E+00	9.82E-02	0.00E+00	0.00E+00	2.70E-05	2.45E-06
4.39E+00	4.01E-01	3.98E+00	4.24E-01	9.50E-01	8.36E-02	7.47E-01	6.10E-02	7.27E+00	6.10E-01	2.96E+00	2.99E-01	1.36E+00	1.10E-01	0.00E+00	0.00E+00	1.93E-05	3.74E-06
4.47E+00	4.25E-01	4.45E+00	4.53E-01	9.89E-01	9.11E-02	7.65E-01	6.43E-02	7.35E+00	6.67E-01	3.03E+00	3.21E-01	1.42E+00	1.16E-01	0.00E+00	0.00E+00	2.23E-05	4.25E-06
4.08E+00	4.12E-01	4.54E+00	4.53E-01	1.07E+00	1.00E-01	7.01E-01	6.13E-02	8.18E+00	7.11E-01	3.02E+00	3.18E-01	1.33E+00	1.11E-01	0.00E+00	0.00E+00	2.38E-05	5.00E-06
3.77E+00	4.17E-01	4.85E+00	5.05E-01	1.23E+00	1.40E-01	6.49E-01	6.00E-02	1.05E+01	1.02E+00	3.12E+00	3.29E-01	1.26E+00	1.08E-01	0.00E+00	0.00E+00	2.21E-05	5.44E-06
2.84E+00	2.96E-01	3.46E+00	3.75E-01	9.54E-01	1.01E-01	4.93E-01	4.44E-02	7.52E+00	6.48E-01	2.19E+00	2.27E-01	9.85E-01	8.27E-02	0.00E+00	0.00E+00	2.63E-05	5.40E-06
2.63E+00	2.54E-01	3.42E+00	3.63E-01	9.76E-01	1.01E-01	4.09E-01	3.84E-02	6.89E+00	6.32E-01	2.19E+00	2.07E-01	8.37E-01	7.30E-02	0.00E+00	0.00E+00	2.66E-05	5.98E-06
3.69E+00	5.20E-01	3.53E+00	5.74E-01	1.04E+00	1.34E-01	6.01E-01	8.36E-02	9.31E+00	1.58E+00	2.70E+00	3.86E-01	1.08E+00	1.69E-01	0.00E+00	0.00E+00	3.47E-05	7.16E-06
3.74E+00	4.82E-01	3.39E+00	5.54E-01	9.17E-01	1.26E-01	6.21E-01	7.86E-02	7.98E+00	1.49E+00	2.69E+00	3.53E-01	1.11E+00	1.58E-01	0.00E+00	0.00E+00	3.27E-05	6.86E-06
3.76E+00	4.58E-01	3.29E+00	5.48E-01	8.47E-01	1.23E-01	6.28E-01	7.57E-02	7.27E+00	1.44E+00	2.68E+00	3.51E-01	1.13E+00	1.49E-01	0.00E+00	0.00E+00	3.67E-05	5.04E-06
4.14E+00	5.07E-01	3.69E+00	6.10E-01	1.00E+00	1.34E-01	6.85E-01	8.38E-02	9.14E+00	1.60E+00	2.99E+00	3.93E-01	1.23E+00	1.65E-01	0.00E+00	0.00E+00	2.66E-05	3.76E-06
4.06E+00	5.07E-01	3.55E+00	6.28E-01	9.95E-01	1.36E-01	6.73E-01	8.44E-02	9.22E+00	1.62E+00	2.95E+00	4.10E-01	1.23E+00	1.68E-01	0.00E+00	0.00E+00	2.61E-05	3.63E-06
3.58E+00	4.73E-01	3.01E+00	6.06E-01	8.59E-01	1.28E-01	6.05E-01	7.81E-02	7.59E+00	1.52E+00	2.58E+00	4.02E-01	1.13E+00	1.58E-01	0.00E+00	0.00E+00	2.49E-05	4.33E-06
3.00E+00	4.62E-01	2.61E+00	5.78E-01	7.17E-01	1.20E-01	5.18E-01	7.04E-02	5.94E+00	1.40E+00	2.17E+00	3.90E-01	9.96E-01	1.44E-01	0.00E+00	0.00E+00	2.29E-05	3.93E-06
2.28E+00	4.45E-01	2.19E+00	5.42E-01	5.71E-01	1.15E-01	3.97E-01	6.13E-02	5.39E+00	1.27E+00	1.68E+00	3.73E-01	7.95E-01	1.27E-01	0.00E+00	0.00E+00	2.85E-05	2.90E-06
2.00E+00	4.08E-01	1.82E+00	4.84E-01	5.13E-01	1.06E-01	3.31E-01	5.53E-02	5.34E+00	1.09E+00	1.44E+00	3.41E-01	5.83E-01	1.02E-01	0.00E+00	0.00E+00	3.00E-05	2.77E-06
2.27E+00	3.99E-01	1.97E+00	4.66E-01	5.48E-01	1.06E-01	3.80E-01	5.49E-02	5.37E+00	1.01E+00	1.62E+00	3.32E-01	6.81E-01	1.01E-01	0.00E+00	0.00E+00	2.63E-05	3.01E-06
2.32E+00	3.93E-01	2.16E+00	4.53E-01	6.23E-01	1.07E-01	3.90E-01	5.48E-02	5.42E+00	9.47E-01	1.66E+00	3.28E-01	7.11E-01	1.03E-01	0.00E+00	0.00E+00	1.90E-05	2.29E-06
2.00E+00	3.71E-01	2.54E+00	4.23E-01	7.37E-01	1.08E-01	3.57E-01	5.26E-02	6.10E+00	9.45E-01	1.56E+00	3.10E-01	6.41E-01	1.00E-01	0.00E+00	0.00E+00	1.70E-05	1.91E-06
2.07E+00	3.63E-01	2.94E+00	4.29E-01	8.65E-01	1.12E-01	3.49E-01	5.20E-02	6.86E+00	9.92E-01	1.81E+00	3.04E-01	6.55E-01	1.01E-01	0.00E+00	0.00E+00	1.86E-05	2.50E-06
2.85E+00	4.41E-01	3.57E+00	5.48E-01	1.06E+00	1.33E-01	5.24E-01	6.09E-02	8.25E+00	1.13E+00	2.17E+00	3.65E-01	9.86E-01	1.20E-01	0.00E+00	0.00E+00	2.12E-05	3.93E-06
2.64E+00	4.45E-01	3.88E+00	5.53E-01	1.15E+00	1.39E-01	4.86E-01	5.93E-02	8.72E+00	1.18E+00	2.32E+00	3.69E-01	9.28E-01	1.19E-01	0.00E+00	0.00E+00	2.30E-05	3.89E-06
3.36E+00	4.60E-01	4.08E+00	5.81E-01	1.20E+00	1.55E-01	5.85E-01	6.83E-02	8.99E+00	1.26E+00	2.40E+00	3.87E-01	1.04E+00	1.27E-01	0.00E+00	0.00E+00	2.87E-05	3.21E-06
2.37E+00	4.33E-01	3.72E+00	5.57E-01	1.08E+00	1.50E-01	4.37E-01	6.58E-02	8.91E+00	1.30E+00	2.14E+00	3.54E-01	8.69E-01	1.16E-01	0.00E+00	0.00E+00	3.04E-05	2.28E-06
2.63E+00	4.92E-01	3.55E+00	6.46E-01	1.11E+00	1.90E-01	4.30E-01	6.64E-02	8.72E+00	1.38E+00	2.22E+00	4.12E-01	7.56E-01	1.17E-01	0.00E+00	0.00E+00	2.83E-05	2.15E-06
3.44E+00	6.41E-01	4.86E+00	8.65E-01	1.39E+00	2.57E-01	5.11E-01	9.17E-02	1.07E+01	1.78E+00	2.97E+00	5.42E-01	8.92E-01	1.63E-01	0.00E+00	0.00E+00	2.39E-05	2.11E-06
3.82E+00	7.64E-01	5.96E+00	1.09E+00	1.60E+00	3.23E-01	6.13E-01	9.77E-02	1.43E+01	2.25E+00	3.46E+00	6.61E-01	1.08E+00	1.67E-01	0.00E+00	0.00E+00	2.18E-05	2.37E-06
4.10E+00	7.53E-01	6.03E+00	1.14E+00	1.86E+00	3.27E-01	5.81E-01	1.11E-01	1.44E+01	2.42E+00	3.61E+00	6.58E-01	1.06E+00	2.01E-01	0.00E+00	0.00E+00	2.77E-05	3.72E-06
4.64E+00	9.08E-01	6.78E+00	1.10E+00	2.37E+00	3.10E-01	6.66E-01	1.52E-01	1.40E+01	2.31E+00	4.01E+00	7.36E-01	1.15E+00	2.78E-01	0.00E+00	0.00E+00	3.20E-05	4.33E-06
3.97E+00	1.21E+00	6.12E+00	1.35E+00	1.93E+00	3.64E-01	6.07E-01	1.90E-01	1.47E+01	2.70E+00	3.39E+00	9.60E-01	1.15E+00	3.71E-01	0.00E+00	0.00E+00	3.38E-05	4.10E-06
4.28E+00	9.49E-01	6.71E+00	1.32E+00	2.32E+00	3.44E-01	8.05E-01	1.40E-01	1.72E+01	2.44E+00	3.66E+00	8.05E-01	1.46E+00	2.61E-01	0.00E+00	0.00E+00	3.30E-05	3.44E-06
5.23E+00	1.25E+00	7.54E+00	1.75E+00	2.91E+00	4.41E-01	7.90E-01	2.08E-01	1.90E+01	3.13E+00	4.45E+00	1.08E+00	1.29E+00	4.26E-01	0.00E+00	0.00E+00	3.03E-05	2.66E-06
5.23E+00	9.14E-01	6.50E+00	1.15E+00	1.94E+00	2.49E-01	7.11E-01	1.35E-01	2.38E+01	2.64E+00	4.65E+00	7.90E-01	1.51E+00	2.91E-01	0.00E+00	0.00E+00	2.63E-04	3.22E-05
5.31E+00	6.57E-01	9.08E+00	8.07E-01	1.78E+00	2.12E-01	7.95E-01	1.01E-01	2.56E+01	1.70E+00	5.30E+00	5.53E-01	1.60E+00	2.42E-01	0.00E+00	0.00E+00	2.63E-04	3.22E-05
7.87E+00	7.15E-01	5.69E+00	1.09E+00	1.63E+00	3.39E-01	1.47E+00	1.03E-01	1.33E+01	1.94E+00	5.51E+00	6.21E-01	3.18E+00	1.89E-01	0.00E+00	0.00E+00	1.99E-05	2.48E-06
1.66E+01	9.50E-01	6.55E+00	1.12E+00	1.95E+00	2.72E-01	3.31E+00	1.49E-01	1.82E+01	2.42E+00	9.36E+00	7.65E-01	5.84E+00	3.01E-01	0.00E+00	0.00E+00	2.10E-05	3.08E-06
4.81E+00	6.45E-01	7.18E+00	8.83E-01	2.06E+00	2.23E-01	8.32E-01	8.78E-02	2.03E+01	1.97E+00	3.90E+00	5.36E-01	1.77E+00	1.65E-01	0.00E+00	0.00E+00	2.08E-05	3.53E-06
5.14E+00	6.37E-01	6.85E+00	8.46E-01	2.27E+00	1.92E-01	9.42E-01	8.71E-02	1.67E+01	1.87E+00	3.86E+00	5.20E-01	1.89E+00	1.59E-01	0.00E+00	0.00E+00	1.80E-05	3.15E-06
4.10E+00	7.50E-01	5.94E+00	8.30E-01	1.80E+00	1.84E-01	7.64E-01	1.13E-01	1.50E+01	1.62E+00	3.50E+00	5.74E-01	1.48E+00	2.19E-01	0.00E+00	0.00E+00	1.64E-05	2.48E-06

Scenario 4 Results

3.53E+00	5.55E-01	5.11E+00	6.17E-01	1.56E+00	1.58E-01	5.40E-01	9.06E-02	1.25E+01	1.38E+00	3.10E+00	4.05E-01	1.02E+00	1.80E-01	0.00E+00	0.00E+00	1.66E-05	2.20E-06
3.25E+00	3.77E-01	4.65E+00	5.23E-01	1.41E+00	1.35E-01	4.16E-01	6.32E-02	1.21E+01	1.27E+00	2.80E+00	3.26E-01	8.54E-01	1.26E-01	0.00E+00	0.00E+00	1.67E-05	2.09E-06
2.94E+00	3.31E-01	4.38E+00	4.47E-01	1.26E+00	1.15E-01	3.77E-01	5.64E-02	1.24E+01	1.27E+00	2.61E+00	2.76E-01	7.27E-01	1.07E-01	0.00E+00	0.00E+00	1.89E-05	2.13E-06
2.76E+00	3.07E-01	4.32E+00	4.35E-01	1.22E+00	1.11E-01	3.42E-01	5.38E-02	1.26E+01	1.19E+00	2.57E+00	2.53E-01	6.29E-01	1.03E-01	0.00E+00	0.00E+00	3.25E-05	4.22E-06
2.66E+00	2.71E-01	4.21E+00	4.12E-01	1.20E+00	1.04E-01	3.13E-01	4.82E-02	1.25E+01	1.11E+00	2.52E+00	2.43E-01	5.63E-01	9.31E-02	0.00E+00	0.00E+00	1.17E-04	1.44E-05
2.62E+00	2.63E-01	4.07E+00	3.99E-01	1.19E+00	1.01E-01	3.89E-01	4.59E-02	1.23E+01	1.07E+00	2.46E+00	2.39E-01	6.73E-01	8.96E-02	0.00E+00	0.00E+00		
2.62E+00	2.60E-01	3.91E+00	3.66E-01	1.17E+00	9.33E-02	3.76E-01	4.11E-02	1.18E+01	9.68E-01	2.39E+00	2.22E-01	6.45E-01	7.61E-02	0.00E+00	0.00E+00		
2.61E+00	2.67E-01	3.85E+00	3.41E-01	1.15E+00	9.29E-02	3.43E-01	4.24E-02	1.14E+01	8.73E-01	2.36E+00	2.03E-01	6.52E-01	7.89E-02	0.00E+00	0.00E+00		
2.56E+00	2.49E-01	3.74E+00	3.29E-01	1.12E+00	9.05E-02	3.09E-01	3.97E-02	1.10E+01	8.10E-01	2.35E+00	1.86E-01	5.85E-01	7.42E-02	0.00E+00	0.00E+00		
2.49E+00	1.99E-01	3.65E+00	2.70E-01	1.09E+00	7.46E-02	2.98E-01	3.15E-02	1.07E+01	6.66E-01	2.35E+00	1.59E-01	4.45E-01	5.89E-02	0.00E+00	0.00E+00		
2.54E+00	1.57E-01	3.63E+00	2.20E-01	1.05E+00	6.03E-02	2.84E-01	2.44E-02	1.04E+01	5.69E-01	2.37E+00	1.37E-01	4.73E-01	4.56E-02	0.00E+00	0.00E+00		
2.62E+00	1.62E-01	3.61E+00	2.39E-01	9.99E-01	6.53E-02	3.05E-01	2.51E-02	9.95E+00	5.73E-01	2.39E+00	1.32E-01	5.15E-01	4.71E-02	0.00E+00	0.00E+00		
2.65E+00	1.57E-01	3.51E+00	2.47E-01	9.45E-01	6.65E-02	3.25E-01	2.42E-02	9.15E+00	5.78E-01	2.36E+00	1.35E-01	5.52E-01	4.55E-02	0.00E+00	0.00E+00		
2.62E+00	1.60E-01	3.30E+00	2.65E-01	8.81E-01	7.03E-02	3.39E-01	2.38E-02	8.06E+00	6.01E-01	2.25E+00	1.44E-01	5.92E-01	4.50E-02	0.00E+00	0.00E+00		
2.53E+00	2.17E-01	3.00E+00	3.63E-01	8.13E-01	9.94E-02	3.45E-01	2.95E-02	6.72E+00	8.48E-01	2.08E+00	1.97E-01	7.64E-01	5.63E-02	0.00E+00	0.00E+00		
3.57E+00	3.72E-01	5.02E+00	6.24E-01	1.52E+00	1.81E-01	4.58E-01	4.32E-02	1.12E+01	1.59E+00	3.06E+00	3.45E-01	8.10E-01	8.58E-02	0.00E+00	0.00E+00		
3.88E+00	4.11E-01	5.62E+00	6.89E-01	1.80E+00	2.03E-01	4.90E-01	4.30E-02	1.26E+01	1.81E+00	3.36E+00	3.84E-01	7.16E-01	8.59E-02	0.00E+00	0.00E+00		
2.54E+00	2.23E-01	3.51E+00	3.75E-01	1.11E+00	1.10E-01	3.38E-01	2.53E-02	7.20E+00	9.46E-01	2.15E+00	2.06E-01	5.25E-01	4.78E-02	0.00E+00	0.00E+00		
2.35E+00	2.02E-01	3.22E+00	3.41E-01	1.05E+00	1.01E-01	3.19E-01	2.14E-02	6.21E+00	8.44E-01	1.98E+00	1.87E-01	5.01E-01	4.02E-02	0.00E+00	0.00E+00		
3.29E+00	3.91E-01	3.49E+00	4.87E-01	1.04E+00	1.21E-01	6.06E-01	6.28E-02	1.01E+01	1.23E+00	2.26E+00	3.31E-01	1.17E+00	1.31E-01	0.00E+00	0.00E+00		
3.13E+00	3.73E-01	3.14E+00	4.57E-01	9.20E-01	1.05E-01	5.77E-01	5.79E-02	8.50E+00	1.13E+00	2.10E+00	3.15E-01	1.13E+00	1.22E-01	0.00E+00	0.00E+00		
2.72E+00	3.45E-01	2.58E+00	4.20E-01	7.40E-01	9.54E-02	5.03E-01	4.89E-02	6.32E+00	1.03E+00	1.87E+00	2.91E-01	1.00E+00	1.04E-01	0.00E+00	0.00E+00		
2.45E+00	3.45E-01	2.76E+00	4.40E-01	7.71E-01	1.06E-01	4.49E-01	4.73E-02	6.52E+00	1.07E+00	1.79E+00	2.91E-01	9.14E-01	1.01E-01	0.00E+00	0.00E+00		
2.35E+00	3.33E-01	2.67E+00	4.41E-01	7.13E-01	1.16E-01	3.53E-01	4.78E-02	5.83E+00	1.06E+00	1.84E+00	2.85E-01	7.44E-01	9.28E-02	0.00E+00	0.00E+00		
2.96E+00	4.05E-01	3.20E+00	4.89E-01	8.25E-01	1.52E-01	4.32E-01	5.86E-02	6.91E+00	1.23E+00	2.28E+00	3.19E-01	7.69E-01	1.03E-01	0.00E+00	0.00E+00		
2.95E+00	4.06E-01	2.95E+00	4.83E-01	8.41E-01	1.55E-01	4.50E-01	5.95E-02	6.31E+00	1.16E+00	2.21E+00	3.18E-01	8.13E-01	1.07E-01	0.00E+00	0.00E+00		
2.40E+00	3.45E-01	2.24E+00	4.30E-01	6.83E-01	1.26E-01	4.04E-01	5.17E-02	5.23E+00	1.00E+00	1.75E+00	2.85E-01	7.73E-01	9.45E-02	0.00E+00	0.00E+00		
1.87E+00	2.88E-01	2.31E+00	3.62E-01	6.74E-01	9.11E-02	3.19E-01	4.17E-02	5.65E+00	8.06E-01	1.40E+00	2.42E-01	6.21E-01	7.74E-02	0.00E+00	0.00E+00		
2.06E+00	2.88E-01	2.53E+00	3.47E-01	7.37E-01	9.06E-02	3.58E-01	4.41E-02	6.07E+00	7.63E-01	1.52E+00	2.34E-01	6.83E-01	8.17E-02	0.00E+00	0.00E+00		
1.97E+00	2.64E-01	2.58E+00	3.00E-01	7.50E-01	8.80E-02	3.27E-01	4.07E-02	6.03E+00	6.92E-01	1.53E+00	2.04E-01	6.12E-01	7.56E-02	0.00E+00	0.00E+00		
1.65E+00	2.47E-01	2.45E+00	3.08E-01	7.17E-01	8.87E-02	2.80E-01	3.79E-02	5.56E+00	7.06E-01	1.45E+00	1.93E-01	5.44E-01	7.09E-02	0.00E+00	0.00E+00		
1.82E+00	2.73E-01	2.22E+00	3.75E-01	6.49E-01	1.08E-01	3.07E-01	3.92E-02	5.13E+00	8.54E-01	1.37E+00	2.34E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00		
2.16E+00	3.28E-01	2.74E+00	4.57E-01	8.11E-01	1.32E-01	3.64E-01	4.98E-02	6.46E+00	1.04E+00	1.74E+00	2.83E-01	6.68E-01	9.33E-02	0.00E+00	0.00E+00		
2.49E+00	3.93E-01	3.42E+00	5.49E-01	1.00E+00	1.58E-01	4.14E-01	7.02E-02	7.88E+00	1.25E+00	2.12E+00	3.36E-01	7.57E-01	1.26E-01	0.00E+00	0.00E+00		
2.63E+00	4.23E-01	3.77E+00	6.19E-01	1.08E+00	1.76E-01	3.94E-01	6.65E-02	8.71E+00	1.43E+00	2.28E+00	3.73E-01	7.17E-01	1.28E-01	0.00E+00	0.00E+00		
2.72E+00	4.45E-01	3.66E+00	6.61E-01	1.06E+00	1.84E-01	3.84E-01	6.31E-02	8.66E+00	1.57E+00	2.28E+00	3.90E-01	6.83E-01	1.09E-01	0.00E+00	0.00E+00		
2.85E+00	5.08E-01	4.03E+00	7.05E-01	1.14E+00	1.96E-01	3.75E-01	8.15E-02	9.54E+00	1.57E+00	2.46E+00	4.35E-01	6.47E-01	1.46E-01	0.00E+00	0.00E+00		
3.24E+00	6.37E-01	4.79E+00	8.28E-01	1.45E+00	2.24E-01	4.33E-01	9.81E-02	1.07E+01	1.82E+00	2.86E+00	5.02E-01	7.16E-01	1.81E-01	0.00E+00	0.00E+00		
3.66E+00	8.89E-01	5.65E+00	1.01E+00	1.74E+00	2.87E-01	5.00E-01	1.37E-01	1.33E+01	2.15E+00	3.25E+00	7.03E-01	8.47E-01	2.43E-01	0.00E+00	0.00E+00		
3.96E+00	1.08E+00	5.29E+00	1.37E+00	1.83E+00	3.83E-01	5.36E-01	1.53E-01	1.24E+01	2.20E+00	3.45E+00	8.90E-01	9.08E-01	2.73E-01	0.00E+00	0.00E+00		
4.35E+00	9.94E-01	6.12E+00	1.44E+00	2.07E+00	3.59E-01	6.04E-01	1.24E-01	1.29E+01	2.73E+00	3.71E+00	8.63E-01	9.82E-01	2.23E-01	0.00E+00	0.00E+00		
4.48E+00	8.00E-01	7.60E+00	1.12E+00	1.98E+00	2.88E-01	6.71E-01	1.12E-01	1.92E+01	2.41E+00	4.32E+00	7.07E-01	1.24E+00	1.98E-01	0.00E+00	0.00E+00		
5.33E+00	1.48E+00	7.06E+00	1.77E+00	2.70E+00	5.24E-01	8.40E-01	2.50E-01	1.82E+01	3.99E+00	4.37E+00	1.12E+00	1.42E+00	4.67E-01	0.00E+00	0.00E+00		
4.93E+00	9.88E-01	7.78E+00	1.32E+00	2.37E+00	3.92E-01	6.24E-01	1.49E-01	2.55E+01	3.34E+00	4.94E+00	8.32E-01	1.22E+00	2.59E-01	0.00E+00	0.00E+00		
3.84E+00	9.67E-01	5.58E+00	1.16E+00	2.05E+00	2.75E-01	6.94E-01	1.42E-01	1.57E+01	1.47E+00	3.51E+00	7.92E-01	1.41E+00	2.82E-01	0.00E+00	0.00E+00		
4.07E+00	9.03E-01	6.33E+00	1.12E+00	1.99E+00	2.19E-01	7.86E-01	1.19E-01	1.35E+01	2.39E+00	3.60E+00	7.72E-01	1.46E+00	2.47E-01	0.00E+00	0.00E+00		
4.75E+00	6.96E-01	6.31E+00	1.01E+00	2.00E+00	2.53E-01	8.95E-01	9.23E-02	1.63E+01	2.43E+00	3.80E+00	5.94E-01	1.69E+00	1.91E-01	0.00E+00	0.00E+00		
5.74E+00	5.57E-01	5.61E+00	7.77E-01	1.33E+00	2.20E-01	1.04E+00	8.92E-02	1.55E+01	1.96E+00	4.10E+00	4.43E-01	2.25E+00	1.83E-01	0.00E+00	0.00E+00		
9.29E+00	9.78E-01	6.54E+00	1.43E+00	1.72E+00	3.13E-01	1.86E+00	1.41E-01	1.71E+01	3.42E+00	5.57E+00	8.26E-01	3.47E+00	2.85E-01	0.00E+00	0.00E+00		
4.40E+00	9.00E-01	6.94E+00	9.81E-01	1.95E+00	2.15E-01	5.71E-01	1.30E-01	1.87E+01	2.17E+00	4.06E+00	7.24E-01	1.41E+00	2.45E-01	0.00E+00	0.00E+00		
4.34E+00	6.22E-01	6.86E+00	8.54E-01	2.06E+00	1.91E-01	6.18E-01	7.68E-02	1.94E+01	1.89E+00	4.05E+00	5.31E-01	1.22E+00	1.46E-01	0.00E+00	0.00E+00		
4.15E+00	4.86E-01	6.49E+00	7.52E-01	1.58E+00	2.04E-01	7.03E-01	6.84E-02	1.79E+01	1.75E+00	3.81E+00	4.33E-01	1.36E+00	1.37E-01	0.00E+00	0.00E+00		
3.65E+00	4.90E-01	5.59E+00	7.12E-01	1.38E+00	1.80E-01	5.51E-01	5.99E-02	1.49E+01	1.45E+00	3.28E+00	4.20E-01	1.16E+00	9.88E-02	0.00E+00	0.00E+00		
3.39E+00	4.82E-01	4.85E+00	6.23E-01	1.25E+00	1.43E-01	5.39E-01	6.50E-02	1.22E+01	1.09E+00	3.01E+00	3.94E-01	1.10E+00	1.15E-01	0.00E+00	0.00E+00		
3.23E+00	4.13E-01	4.57E+00	4.74E-01	1.19E+00	9.71E-02	4.81E-01	6.04E-02	1.14E+01	8.66E-01	2.86E+00	3.23E-01	9.71E-01	1.12E-01	0.00E+00	0.00E+00		
3.10E+00	3.42E-01	4.34E+00	3.67E-01	1.14E+00	9.26E-02	4.02E-01	5.26E-02	1.07E+01	8.93E-01	2.74E+00	2.59E-01	8.05E-01	1.00E-01	0.00E+00	0.00E+00		
3.00E+00	2.92E-01	4.29E+00	3.89E-01	1.12E+00	9.73E-02	3.70E-01	4.78E-02	1.19E+01	9.29E-01	2.63E+00	2.35E-01	6.50E-01	9.22E-02	0.00E+00	0.00E+00		
2.92E+00	3.00E-01	4.47E+00	4.08E-01	1.16E+00	1.01E-01	3.67E-01	4.55E-02	1.27E+01	9.59E-01	2.70E+00	2.50E-01	5.97E-01	8.67E-02	0.00E+00	0.00E+00		
2.91E+00	3.40E-01	4.54E+00	4.24E-01	1.16E+00	1.02E-01	3.62E-01	5.44E-02	1.30E+01	9.89E-01	2.75E+00	2.61E-01	5.98E-01	1.01E-01	0.00E+00	0.00E+00		
2.92E+00	3.60E-01	4.56E+00	4.25E-01	1.14E+00	9.83E-02	3.48E-01	6.02E-02	1.31E+01	9.83E-01	2.77E+00	2.66E-01	5.82E-01	1.14E-01	0.00E+00	0.00E+00		
2.85E+00	2.61E-01	4.42E+00	3.02E-01	1.09E+00	6.89E-02	3.26E-01	4.47E-02	1.26E+01	6.70E-01	2.70E+00	1.94E-01	5.41E-01	8.56E-02	0.00E+00	0.00E+00		
2.84E+00	2.00E-01	4.33E+00	2.32E-01	1.07E+00	5.52E-02	3.03E-01	3.47E-02	1.21E+01	5.94E-01	2.67E+00	1.53E-01	5.01E-01	6.68E-02	0.00E+00	0.00E+00		
2.86E+00	1.90E-01	4.23E+00	2.18E-01	1.07E+00	5.44E-02	3.23E-01	3.33E-02	1.12E+01	5.79E-01	2.64E+00	1.46E-01	5.13E-01	6.48E-02	0.00E+00	0.00E+00		
2.86E+00	1.64E-01	4.04E+00	2.04E-01	1.04E+00	5.19E-02	3.44E-01	2.90E-02	1.00E+01	5.49E-01	2.55E+00	1.31E-01	5.53E-01	5.70E-02	0.00E+00	0.00E+00		
2.83E+00	1.74E-01	3.77E+00	2.06E-01	9.51E-01	5.11E-02	3.62E-01	2.60E-02	8.64E+00	5.27E-01	2.42E+00	1.41E-01	5.89E-01	5.16E-02	0.00E+00	0.00E+00		
2.79E+00	2.59E-01	3.46E+00	3.08E-01	8.62E-01	7.23E-02	3.79E-01	3.68E-02	7.17E+00	6.27E-01	2.27E+00	2.10E-01	6.25E-01	6.57E-02	0.00E+00	0.00E+00		
2.88E+00	3.74E-01	4.22E+00	4.48E-01	1.29E+00	1.00E-01	4.18E-01	5.57E-02	1.00E+01	1.09E+00	2.37E+00	3.04E-01	6.75E-01	1.03E-01	0.00E+00	0.00E+00		
2.62E+00	3.58E-01	4.17E+00	4.03E-01	1.19E+00	9.96E-02	3.81E-01	5.49E-02	1.01E+01	1.10E+00	2.33E+00	2.78E-01	6.35E-01	1.03E-01	0.00E+00	0.00E+00		
2.28E+00	2.31E-01	2.79E+00	2.63E-01	7.93E-01	6.65E-02	3.58E-01	3.63E-02	6.51E+00	7.09E-01	1.55E+00	1.81E-01	6.00E-01	6.96E-02	0.00E+00	0.00E+00		
2.04E+00	1.92E-01	2.45E+00	2.28E-01	7.02E-01	5.83E-02	3.31E-01	2.96E-02	5.49E+00	5.96E-01	1.32E+00	1.49E-01	5.57E-01	5.80E-02	0.00E+00	0.00E+00		
2.43E+00	3.73E-01	2.80E+00	4.48E-01	8.68E-01	1.60E-01	3.70E-01	5.13E-02	8.11E+00	1.11E+00	1.88E+00	3.01E-01	6.67E-01	9.24E-02	0.00E+00	0.00E+00		
2.73E+00	4.21E-01	3.38E+00	5.14E-01	9.73E-01	1.85E-01	4.26E-01	5.72E-02	9.88E+00	1.14E+00	2.05E+00	3.43E-01	7.68E-01	9.93E-02	0.00E+00	0.00E+00		
2.16E+00	3.37E-01	2.57E+00	3.95E-01	6.85E-01	1.31E-01	3.54E-01	4.75E-02	6.90E+00	7.72E-01	1.59E+00	2.71E-01	6.66E-01	8.49E-02	0.00E+00	0.00E+00		
1.87E+00	3.04E-01	2.26E+00	3.49E-01	5.34E-01	1.03E-01	3.15E-01	4.35E-02	5.51E+00	6.67E-01	1.49E+00	2.43E-01	6.12E-01	7.90E-02	0.00E+00	0.00E+00		
1.99E+00	3.07E-01	2.25E+00	3.49E-01	5.72E-01	8.84E-02	3.07E-01	4.43E-02	4.96E+00	6.56E-01	1.57E+00	2.45E-01	5.90E-01	8.10E-02	0.00E+00	0.00E+00		
2.77E+00	4.00E-01	3.00E+00	4.61E-01	8.05E-01	1.08E-01	4.18E-01	5.65E-02	6.80E+00	8.84E-01	2.16E+00	3.22E-01	7.58E-01	1.03E-01	0.00E+00	0.00E+00		
2.87E+00	4.15E-01	2.99E+00	4.71E-01	8.12E-01	1.09E-01	4.50E-01	5.88E-02	7.40E+00	8.96E-01	2.15E+00	3.33E-01	8.42E-01	1.08E-01	0.00E+00	0.00E+00		
2.22E+00	3.41E-01	2.52E+00	3.76E-01	6.35E-01	8.38E-02	4.06E-01	4.95E-02	5.25E+00	6.63E-01	1.73E+00	2.71E-01	8.07E-01	9.33E-02	0.00E+00	0.00E+00		
2.32E+00	2.92E-01	2.27E+00	3.24E-01	6.05E-01	8.71E-02	3.74E-01	4.24E-02	4.60E+00	7.28E-01	1.71E+00	2.34E-01	7.54E-01	8.16E-02	0.00E+00	0.00E+00		
1.96E+00	2.55E-01	2.34E+00	3.42E-01	6.75E-01	9.71E-02	3.20E-01	4.53E-02	5.20E+00	8.15E-01	1.45E+00	2.09E-01	6.00E-01	8.64E-02	0.00E+00	0.00E+00		
1.92E+00	2.94E-01	2.65E+00	3.86E-01	7.57E-01	1.09E-01	3.29E-01	5.26E-02	5.98E+00	9.26E-01	1.62E+00	2.34E-01	5.98E-01	1.03E-01	0.00E+00	0.00E+00		
1.93E+00	3.27E-01	2.82E+00	4.20E-01	7.93E-01	1.18E-01	3.05E-01	5.72E-02	6.48E+00	1.02E+00	1.70E+00	2.53E-01	6.00E-01	1.06E-01	0.00E+00	0.00E+00		
2.22E+00	3.59E-01	2.97E+00	4.57E-01	8.38E-01	1.26E-01	3.97E-01	6.17E-02	7.07E+00	1.13E+00	1.77E+00	2.71E-01	7.38E-01	1.21E-01	0.00E+00	0.00E+00		
2.27E+00	4.03E-01	3.26E+00	5.00E-01	8.97E-01	1.38E-01	3.93E-01	6.09E-02	7.55E+00	1.16E+00	1.99E+00	3.14E-01	7.41E-01	1.03E-01	0.00E+00	0.00E+00		
2.29E+00	5.06E-01	3.42E+00	5.66E-01	9.20E-01	1.52E-01	3.95E-01	7.59E-02	8.26E+00	1.31E+00	2.04E+00	3.98E-01	7.50E-01	1.31E-01	0.00E+00	0.00E+00		
2.20E+00	5.21E-01	3.20E+00	6.06E-01	9.32E-01	1.57E-01	2.87E-01	7.63E-02	7.82E+00	1.35E+00	1.90E+00	4.19E-01	5.41E-01	1.35E-01	0.00E+00	0.00E+00		
2.55E+00	5.59E-01	3.74E+00	6.39E-01	1.05E+00	1.80E-01	3.25E-01	8.35E-02	8.99E+00	1.47E+00	2.26E+00	4.45E-01	5.31E-01	1.44E-01	0.00E+00	0.00E+00		
2.73E+00	6.92E-01	3.94E+00	8.57E-01	1.05E+00	2.39E-01	3.33E-01	9.82E-02	9.11E+00	1.64E+00	2.40E+00	5.70E-01	5.45E-01	1.70E-01	0.00E+00	0.00E+00		
2.90E+00	8.32E-01	4.03E+00	1.12E+00	1.20E+00	3.08E-01	3.84E-01	1.11E-01	8.99E+00	2.15E+00	2.47E+00	7.05E-01	6.70E-01	1.90E-01	0.00E+00	0.00E+00		
3.15E+00	8.59E-01	4.66E+00	1.24E+00	1.40E+00	3.25E-01	4.22E-01	1.14E-01	1.12E+01	2.60E+00	2.73E+00	7.48E-01	7.11E-01	2.11E-01	0.00E+00	0.00E+00		
3.49E+00	6.84E-01	5.44E+00	8.69E-01	1.64E+00	2.37E-01	4.47E-01	1.01E-01	1.27E+01	1.80E+00	3.17E+00	5.70E-01	8.03E-01	1.81E-01	0.00E+00	0.00E+00		
3.49E+00	6.09E-01	5.29E+00	7.97E-01	1.41E+00	2.10E-01	4.87E-01	8.51E-02	1.30E+01	1.88E+00	3.14E+00	5.01E-01	9.27E-01	1.52E-01	0.00E+00	0.00E+00		
4.08E+00	1.00E+00	5.66E+00	1.17E+00	1.85E+00	3.63E-01	5.57E-01	1.62E-01	1.41E+01	2.80E+00	3.46E+00	7.67E-01	9.38E-01	2.84E-01	0.00E+00	0.00E+00		
4.74E+00	1.28E+00	7.06E+00	1.89E+00	2.24E+00	4.26E-01	7.02E-01	1.46E-01	1.97E+01	4.40E+00	4.27E+00	1.16E+00	1.45E+00	2.61E-01	0.00E+00	0.00E+00		
4.00E+00	1.15E+00	5.42E+00	1.46E+00	1.71E+00	3.97E-01	5.95E-01	1.58E-01	1.51E+01	2.83E+00	3.22E+00	9.59E-01	1.15E+00	3.01E-01	0.00E+00	0.00E+00		

Scenario 4 Results

4.78E+00	1.35E+00	7.22E+00	1.59E+00	1.71E+00	3.80E-01	6.21E-01	2.02E-01	2.07E+01	2.42E+00	4.42E+00	1.08E+00	1.20E+00	3.91E-01	0.00E+00	0.00E+00
4.38E+00	1.12E+00	5.84E+00	1.32E+00	1.54E+00	2.84E-01	8.74E-01	1.64E-01	1.47E+01	2.93E+00	3.68E+00	9.46E-01	1.67E+00	3.49E-01	0.00E+00	0.00E+00
4.58E+00	5.31E-01	6.90E+00	5.90E-01	1.73E+00	1.70E-01	5.65E-01	7.73E-02	1.92E+01	1.32E+00	4.13E+00	4.28E-01	1.16E+00	1.50E-01	0.00E+00	0.00E+00
5.37E+00	7.23E-01	7.85E+00	1.02E+00	2.19E+00	2.33E-01	8.41E-01	1.00E-01	2.21E+01	2.52E+00	4.54E+00	6.45E-01	1.61E+00	1.95E-01	0.00E+00	0.00E+00
4.89E+00	5.14E-01	5.44E+00	7.65E-01	1.40E+00	2.03E-01	8.87E-01	7.77E-02	1.49E+01	1.39E+00	3.50E+00	4.34E-01	1.92E+00	1.50E-01	0.00E+00	0.00E+00
3.55E+00	8.95E-01	4.55E+00	1.23E+00	1.13E+00	2.55E-01	6.67E-01	1.09E-01	1.13E+01	2.67E+00	2.71E+00	7.83E-01	1.51E+00	2.02E-01	0.00E+00	0.00E+00
3.62E+00	9.09E-01	5.58E+00	1.30E+00	1.48E+00	2.95E-01	5.24E-01	1.07E-01	1.47E+01	3.11E+00	3.31E+00	8.05E-01	1.05E+00	1.82E-01	0.00E+00	0.00E+00
3.62E+00	6.27E-01	5.57E+00	7.18E-01	1.55E+00	1.62E-01	4.97E-01	8.80E-02	1.48E+01	1.63E+00	3.31E+00	5.10E-01	9.32E-01	1.58E-01	0.00E+00	0.00E+00
3.40E+00	3.95E-01	5.14E+00	5.88E-01	1.48E+00	1.16E-01	4.66E-01	4.21E-02	1.36E+01	1.48E+00	3.08E+00	3.51E-01	9.03E-01	7.36E-02	0.00E+00	0.00E+00
3.18E+00	4.16E-01	4.70E+00	4.76E-01	1.37E+00	1.32E-01	4.40E-01	5.62E-02	1.21E+01	1.26E+00	2.85E+00	3.32E-01	8.96E-01	1.09E-01	0.00E+00	0.00E+00
2.86E+00	3.31E-01	4.28E+00	5.26E-01	1.26E+00	1.44E-01	3.82E-01	3.88E-02	1.17E+01	1.34E+00	2.58E+00	3.02E-01	7.90E-01	7.84E-02	0.00E+00	0.00E+00
2.66E+00	3.41E-01	4.05E+00	5.13E-01	1.16E+00	1.36E-01	3.48E-01	3.97E-02	1.08E+01	1.20E+00	2.44E+00	3.02E-01	7.00E-01	7.03E-02	0.00E+00	0.00E+00
2.50E+00	3.63E-01	3.74E+00	5.06E-01	1.07E+00	1.27E-01	3.48E-01	4.54E-02	9.70E+00	1.09E+00	2.25E+00	3.10E-01	6.99E-01	7.57E-02	0.00E+00	0.00E+00
2.38E+00	3.40E-01	3.38E+00	4.37E-01	9.95E-01	1.02E-01	3.71E-01	4.58E-02	8.50E+00	8.46E-01	2.08E+00	2.80E-01	7.17E-01	8.42E-02	0.00E+00	0.00E+00
2.34E+00	3.42E-01	3.06E+00	3.79E-01	9.18E-01	7.90E-02	3.54E-01	4.96E-02	7.58E+00	7.44E-01	2.03E+00	2.75E-01	7.01E-01	9.23E-02	0.00E+00	0.00E+00
2.25E+00	3.73E-01	3.17E+00	3.99E-01	8.42E-01	1.02E-01	3.68E-01	5.52E-02	7.47E+00	8.76E-01	1.95E+00	2.96E-01	7.40E-01	1.03E-01	0.00E+00	0.00E+00
2.12E+00	2.94E-01	2.85E+00	3.23E-01	7.67E-01	9.14E-02	2.82E-01	4.53E-02	7.16E+00	8.16E-01	1.84E+00	2.28E-01	5.57E-01	8.56E-02	0.00E+00	0.00E+00
1.97E+00	1.96E-01	2.88E+00	2.64E-01	7.58E-01	6.56E-02	2.63E-01	3.16E-02	7.18E+00	6.50E-01	1.74E+00	1.60E-01	4.93E-01	6.02E-02	0.00E+00	0.00E+00
2.00E+00	1.90E-01	2.93E+00	2.64E-01	8.04E-01	6.50E-02	2.44E-01	2.89E-02	6.94E+00	6.45E-01	1.78E+00	1.61E-01	4.34E-01	5.53E-02	0.00E+00	0.00E+00
2.04E+00	1.95E-01	2.89E+00	2.57E-01	8.07E-01	6.25E-02	2.55E-01	2.92E-02	6.43E+00	6.25E-01	1.78E+00	1.58E-01	4.03E-01	5.29E-02	0.00E+00	0.00E+00
2.07E+00	2.04E-01	2.80E+00	2.56E-01	7.61E-01	6.07E-02	2.70E-01	3.19E-02	5.80E+00	6.21E-01	1.75E+00	1.59E-01	4.36E-01	5.95E-02	0.00E+00	0.00E+00
2.17E+00	2.60E-01	3.00E+00	3.14E-01	6.83E-01	7.05E-02	2.87E-01	4.20E-02	6.08E+00	7.71E-01	1.70E+00	1.96E-01	4.73E-01	8.00E-02	0.00E+00	0.00E+00
3.40E+00	3.35E-01	4.35E+00	4.14E-01	9.69E-01	1.09E-01	4.44E-01	5.57E-02	9.46E+00	1.04E+00	2.66E+00	2.59E-01	6.83E-01	1.07E-01	0.00E+00	0.00E+00
3.00E+00	2.81E-01	3.65E+00	3.66E-01	8.03E-01	9.75E-02	4.05E-01	4.80E-02	7.89E+00	8.31E-01	2.32E+00	2.30E-01	6.31E-01	9.32E-02	0.00E+00	0.00E+00
2.29E+00	2.09E-01	2.72E+00	2.76E-01	5.84E-01	7.29E-02	3.16E-01	3.64E-02	5.57E+00	6.00E-01	1.73E+00	1.78E-01	4.95E-01	7.11E-02	0.00E+00	0.00E+00
2.28E+00	2.13E-01	2.72E+00	2.77E-01	5.79E-01	7.12E-02	3.17E-01	3.33E-02	5.34E+00	5.96E-01	1.71E+00	1.80E-01	4.96E-01	6.55E-02	0.00E+00	0.00E+00
2.28E+00	3.58E-01	2.61E+00	4.28E-01	7.67E-01	1.02E-01	3.29E-01	4.86E-02	7.31E+00	8.98E-01	1.83E+00	2.95E-01	6.14E-01	8.87E-02	0.00E+00	0.00E+00
2.23E+00	3.45E-01	2.59E+00	4.00E-01	7.39E-01	9.24E-02	3.64E-01	4.77E-02	6.92E+00	8.11E-01	1.72E+00	2.82E-01	6.56E-01	8.85E-02	0.00E+00	0.00E+00
2.17E+00	3.35E-01	2.59E+00	3.79E-01	7.14E-01	8.43E-02	3.89E-01	4.71E-02	6.43E+00	7.39E-01	1.76E+00	2.71E-01	7.02E-01	8.87E-02	0.00E+00	0.00E+00
1.99E+00	2.89E-01	2.23E+00	3.19E-01	6.36E-01	7.17E-02	3.65E-01	4.15E-02	4.84E+00	6.76E-01	1.57E+00	2.32E-01	6.84E-01	7.96E-02	0.00E+00	0.00E+00
1.85E+00	2.36E-01	1.82E+00	2.58E-01	5.11E-01	7.20E-02	3.21E-01	3.42E-02	4.18E+00	6.48E-01	1.38E+00	1.89E-01	5.97E-01	6.68E-02	0.00E+00	0.00E+00
2.10E+00	2.77E-01	2.04E+00	2.81E-01	5.83E-01	8.25E-02	3.37E-01	4.85E-02	4.86E+00	7.27E-01	1.51E+00	1.86E-01	6.52E-01	9.38E-02	0.00E+00	0.00E+00
2.36E+00	3.69E-01	2.30E+00	3.24E-01	6.78E-01	9.40E-02	3.94E-01	6.53E-02	5.56E+00	8.08E-01	1.72E+00	2.41E-01	7.73E-01	1.28E-01	0.00E+00	0.00E+00
2.20E+00	3.50E-01	2.37E+00	3.20E-01	6.61E-01	8.94E-02	3.70E-01	6.13E-02	5.75E+00	8.01E-01	1.53E+00	2.42E-01	7.02E-01	1.22E-01	0.00E+00	0.00E+00
1.76E+00	3.43E-01	2.34E+00	3.29E-01	6.44E-01	9.04E-02	3.21E-01	5.94E-02	5.75E+00	8.30E-01	1.39E+00	2.40E-01	6.22E-01	1.12E-01	0.00E+00	0.00E+00
1.77E+00	2.90E-01	2.39E+00	3.47E-01	6.58E-01	9.50E-02	3.07E-01	4.97E-02	5.73E+00	8.36E-01	1.45E+00	2.20E-01	5.95E-01	9.74E-02	0.00E+00	0.00E+00
1.82E+00	3.53E-01	2.59E+00	4.24E-01	6.99E-01	1.15E-01	3.49E-01	5.02E-02	6.38E+00	9.29E-01	1.55E+00	2.85E-01	6.35E-01	8.36E-02	0.00E+00	0.00E+00
2.45E+00	4.74E-01	2.72E+00	5.74E-01	7.28E-01	1.50E-01	4.50E-01	6.66E-02	6.98E+00	1.16E+00	1.61E+00	3.86E-01	8.77E-01	1.13E-01	0.00E+00	0.00E+00
2.73E+00	5.42E-01	2.69E+00	6.67E-01	7.16E-01	1.67E-01	5.14E-01	7.50E-02	6.98E+00	1.35E+00	1.74E+00	4.47E-01	9.50E-01	1.29E-01	0.00E+00	0.00E+00
2.08E+00	4.83E-01	3.02E+00	6.11E-01	8.28E-01	1.49E-01	3.68E-01	6.96E-02	7.38E+00	1.23E+00	1.83E+00	4.04E-01	6.91E-01	1.19E-01	0.00E+00	0.00E+00
2.23E+00	5.72E-01	3.18E+00	6.96E-01	8.93E-01	1.84E-01	3.07E-01	8.08E-02	8.09E+00	1.36E+00	1.95E+00	4.69E-01	6.08E-01	1.39E-01	0.00E+00	0.00E+00
2.36E+00	6.63E-01	3.58E+00	8.62E-01	9.39E-01	2.32E-01	3.76E-01	8.92E-02	8.88E+00	1.76E+00	2.13E+00	5.59E-01	7.08E-01	1.52E-01	0.00E+00	0.00E+00
3.18E+00	7.41E-01	3.82E+00	1.02E+00	1.05E+00	2.79E-01	6.02E-01	1.08E-01	8.57E+00	2.18E+00	2.32E+00	6.36E-01	1.16E+00	1.83E-01	0.00E+00	0.00E+00
2.52E+00	7.26E-01	3.75E+00	1.04E+00	1.02E+00	2.79E-01	4.39E-01	1.05E-01	9.19E+00	2.31E+00	2.22E+00	6.25E-01	8.41E-01	1.89E-01	0.00E+00	0.00E+00
2.70E+00	5.83E-01	4.14E+00	8.36E-01	1.25E+00	2.06E-01	3.56E-01	8.44E-02	1.02E+01	1.99E+00	2.42E+00	5.04E-01	6.43E-01	1.41E-01	0.00E+00	0.00E+00
2.79E+00	5.31E-01	4.28E+00	7.13E-01	1.28E+00	1.76E-01	3.69E-01	8.14E-02	1.08E+01	1.58E+00	2.50E+00	4.62E-01	6.47E-01	1.56E-01	0.00E+00	0.00E+00
2.98E+00	4.83E-01	4.19E+00	5.85E-01	1.12E+00	1.63E-01	3.81E-01	6.94E-02	1.01E+01	1.40E+00	2.60E+00	3.89E-01	7.36E-01	1.26E-01	0.00E+00	0.00E+00
3.29E+00	7.35E-01	4.65E+00	8.52E-01	1.48E+00	2.78E-01	4.35E-01	1.14E-01	1.14E+01	2.09E+00	2.82E+00	5.72E-01	8.00E-01	1.92E-01	0.00E+00	0.00E+00
3.79E+00	1.13E+00	5.76E+00	1.59E+00	1.65E+00	4.27E-01	4.72E-01	1.42E-01	1.38E+01	3.36E+00	3.45E+00	9.84E-01	9.61E-01	2.51E-01	0.00E+00	0.00E+00
3.08E+00	6.21E-01	4.98E+00	8.17E-01	1.25E+00	2.49E-01	4.63E-01	8.43E-02	1.48E+01	1.90E+00	2.83E+00	5.21E-01	9.52E-01	1.49E-01	0.00E+00	0.00E+00
3.88E+00	7.09E-01	5.98E+00	9.19E-01	1.85E+00	2.64E-01	4.51E-01	9.84E-02	1.47E+01	2.14E+00	3.45E+00	5.87E-01	7.63E-01	1.87E-01	0.00E+00	0.00E+00
4.56E+00	1.09E+00	7.00E+00	1.31E+00	1.71E+00	3.18E-01	4.81E-01	1.58E-01	1.99E+01	2.02E+00	4.23E+00	8.81E-01	8.86E-01	2.98E-01	0.00E+00	0.00E+00
3.79E+00	1.06E+00	5.72E+00	1.38E+00	1.61E+00	3.16E-01	6.80E-01	1.43E-01	1.56E+01	2.29E+00	3.31E+00	8.97E-01	1.37E+00	2.74E-01	0.00E+00	0.00E+00
4.46E+00	7.72E-01	6.99E+00	9.22E-01	1.91E+00	1.89E-01	4.80E-01	1.04E-01	1.89E+01	1.87E+00	4.05E+00	6.49E-01	7.48E-01	2.04E-01	0.00E+00	0.00E+00
4.56E+00	5.15E-01	7.44E+00	7.74E-01	2.18E+00	2.01E-01	5.45E-01	6.25E-02	1.99E+01	1.59E+00	4.20E+00	4.53E-01	1.13E+00	1.23E-01	0.00E+00	0.00E+00
4.68E+00	6.33E-01	6.55E+00	8.09E-01	1.89E+00	1.88E-01	7.26E-01	8.79E-02	1.84E+01	2.03E+00	3.77E+00	5.18E-01	1.36E+00	1.67E-01	0.00E+00	0.00E+00
3.92E+00	4.21E-01	4.86E+00	6.29E-01	1.32E+00	1.68E-01	7.13E-01	6.10E-02	1.33E+01	1.29E+00	2.82E+00	3.60E-01	1.55E+00	1.14E-01	0.00E+00	0.00E+00
3.23E+00	7.14E-01	3.79E+00	1.09E+00	9.79E-01	2.52E-01	6.05E-01	7.93E-02	9.81E+00	2.59E+00	2.35E+00	6.45E-01	1.24E+00	1.33E-01	0.00E+00	0.00E+00
2.72E+00	6.85E-01	3.85E+00	1.07E+00	9.42E-01	2.66E-01	3.92E-01	9.14E-02	9.67E+00	2.77E+00	2.39E+00	6.30E-01	7.84E-01	1.66E-01	0.00E+00	0.00E+00
2.99E+00	6.51E-01	4.29E+00	8.88E-01	1.10E+00	2.04E-01	4.60E-01	7.97E-02	1.06E+01	2.14E+00	2.65E+00	5.66E-01	9.23E-01	1.35E-01	0.00E+00	0.00E+00
3.15E+00	4.18E-01	4.40E+00	4.99E-01	1.16E+00	1.19E-01	3.98E-01	5.70E-02	1.07E+01	1.22E+00	2.76E+00	3.44E-01	6.96E-01	9.95E-02	0.00E+00	0.00E+00
3.09E+00	3.42E-01	4.26E+00	5.37E-01	1.15E+00	1.06E-01	3.84E-01	3.70E-02	1.03E+01	1.49E+00	2.69E+00	3.16E-01	6.91E-01	6.59E-02	0.00E+00	0.00E+00
2.85E+00	3.48E-01	3.97E+00	4.50E-01	1.11E+00	8.53E-02	3.83E-01	4.15E-02	9.60E+00	1.11E+00	2.50E+00	2.95E-01	7.37E-01	7.66E-02	0.00E+00	0.00E+00
2.57E+00	3.09E-01	3.65E+00	3.89E-01	1.05E+00	1.08E-01	3.80E-01	4.26E-02	8.87E+00	1.09E+00	2.27E+00	2.45E-01	7.59E-01	8.31E-02	0.00E+00	0.00E+00
2.29E+00	2.67E-01	3.34E+00	4.34E-01	9.85E-01	1.20E-01	2.88E-01	3.40E-02	8.32E+00	1.17E+00	2.05E+00	2.49E-01	5.81E-01	6.54E-02	0.00E+00	0.00E+00
2.05E+00	2.84E-01	3.05E+00	4.41E-01	9.18E-01	1.19E-01	2.60E-01	3.51E-02	7.66E+00	1.13E+00	1.85E+00	2.58E-01	5.33E-01	6.52E-02	0.00E+00	0.00E+00
2.33E+00	3.07E-01	3.06E+00	4.48E-01	8.51E-01	1.15E-01	3.18E-01	4.58E-02	7.51E+00	1.08E+00	1.96E+00	2.73E-01	5.81E-01	8.59E-02	0.00E+00	0.00E+00
2.59E+00	3.78E-01	3.05E+00	5.07E-01	7.80E-01	1.12E-01	3.76E-01	4.97E-02	7.05E+00	1.17E+00	2.08E+00	3.27E-01	6.72E-01	9.52E-02	0.00E+00	0.00E+00
1.53E+00	2.39E-01	2.29E+00	3.10E-01	7.05E-01	7.38E-02	2.11E-01	3.28E-02	5.90E+00	6.29E-01	1.40E+00	1.99E-01	4.33E-01	5.95E-02	0.00E+00	0.00E+00
1.48E+00	2.35E-01	2.13E+00	2.65E-01	6.25E-01	6.00E-02	2.38E-01	3.35E-02	5.30E+00	5.32E-01	1.33E+00	1.90E-01	4.54E-01	6.16E-02	0.00E+00	0.00E+00
1.61E+00	2.27E-01	2.01E+00	2.44E-01	5.42E-01	5.81E-02	2.66E-01	3.32E-02	4.78E+00	5.45E-01	1.27E+00	1.82E-01	5.16E-01	6.19E-02	0.00E+00	0.00E+00
1.67E+00	2.03E-01	2.05E+00	2.16E-01	5.30E-01	6.15E-02	2.81E-01	3.01E-02	4.59E+00	5.57E-01	1.22E+00	1.63E-01	5.55E-01	5.76E-02	0.00E+00	0.00E+00
2.13E+00	2.25E-01	2.96E+00	2.77E-01	7.78E-01	7.74E-02	3.57E-01	3.37E-02	5.81E+00	6.57E-01	1.56E+00	1.79E-01	7.06E-01	6.49E-02	0.00E+00	0.00E+00
2.67E+00	2.54E-01	4.24E+00	3.71E-01	1.16E+00	9.75E-02	4.42E-01	3.64E-02	8.97E+00	8.41E-01	2.05E+00	2.22E-01	8.61E-01	7.12E-02	0.00E+00	0.00E+00
2.31E+00	2.35E-01	3.75E+00	3.14E-01	1.02E+00	7.66E-02	3.83E-01	3.04E-02	7.88E+00	7.77E-01	1.84E+00	1.98E-01	7.45E-01	5.84E-02	0.00E+00	0.00E+00
1.92E+00	2.05E-01	3.12E+00	2.63E-01	8.31E-01	6.34E-02	3.21E-01	2.87E-02	6.27E+00	6.72E-01	1.52E+00	1.66E-01	6.24E-01	5.10E-02	0.00E+00	0.00E+00
2.07E+00	2.27E-01	3.51E+00	2.86E-01	9.43E-01	6.90E-02	3.26E-01	3.33E-02	7.08E+00	7.36E-01	1.73E+00	1.79E-01	6.26E-01	6.11E-02	0.00E+00	0.00E+00
2.34E+00	2.91E-01	3.18E+00	3.57E-01	9.82E-01	9.25E-02	4.41E-01	4.45E-02	8.70E+00	9.39E-01	1.87E+00	2.35E-01	8.00E-01	8.46E-02	0.00E+00	0.00E+00
2.17E+00	3.01E-01	2.67E+00	3.13E-01	7.94E-01	9.00E-02	3.69E-01	5.13E-02	6.25E+00	8.70E-01	1.70E+00	2.03E-01	7.17E-01	1.01E-01	0.00E+00	0.00E+00
2.03E+00	3.23E-01	2.19E+00	3.01E-01	6.91E-01	8.65E-02	3.53E-01	5.63E-02	5.66E+00	7.91E-01	1.56E+00	2.13E-01	6.87E-01	1.11E-01	0.00E+00	0.00E+00
2.33E+00	3.73E-01	2.44E+00	3.19E-01	7.16E-01	9.14E-02	3.70E-01	6.59E-02	6.28E+00	8.05E-01	1.69E+00	2.44E-01	7.16E-01	1.31E-01	0.00E+00	0.00E+00
2.26E+00	3.79E-01	2.39E+00	3.18E-01	5.92E-01	9.02E-02	3.77E-01	6.58E-02	5.34E+00	7.42E-01	1.57E+00	2.68E-01	7.32E-01	1.32E-01	0.00E+00	0.00E+00
1.84E+00	3.32E-01	1.91E+00	2.92E-01	5.28E-01	8.23E-02	3.31E-01	5.71E-02	4.84E+00	6.69E-01	1.30E+00	2.34E-01	6.34E-01	1.07E-01	0.00E+00	0.00E+00
1.76E+00	2.87E-01	2.04E+00	3.49E-01	5.56E-01	9.58E-02	3.19E-01	4.93E-02	5.15E+00	7.77E-01	1.24E+00	2.27E-01	6.00E-01	9.53E-02	0.00E+00	0.00E+00
1.60E+00	3.20E-01	2.08E+00	4.03E-01	5.55E-01	1.07E-01	3.10E-01	4.35E-02	5.32E+00	8.71E-01	1.24E+00	2.65E-01	5.58E-01	7.62E-02	0.00E+00	0.00E+00
1.81E+00	3.73E-01	2.02E+00	4.65E-01	5.42E-01	1.20E-01	3.33E-01	5.09E-02	5.30E+00	9.90E-01	1.20E+00	3.09E-01	6.40E-01	8.53E-02	0.00E+00	0.00E+00
1.64E+00	4.04E-01	1.97E+00	5.05E-01	5.26E-01	1.26E-01	2.80E-01	5.49E-02	5.17E+00	1.06E+00	1.16E+00	3.36E-01	5.68E-01	9.40E-02	0.00E+00	0.00E+00
2.01E+00	4.25E-01	2.32E+00	5.41E-01	6.40E-01	1.30E-01	3.89E-01	5.66E-02	5.73E+00	1.15E+00	1.40E+00	3.57E-01	7.06E-01	9.84E-02	0.00E+00	0.00E+00
2.30E+00	4.90E-01	2.62E+00	6.00E-01	6.97E-01	1.52E-01	4.01E-01	6.78E-02	6.76E+00	1.25E+00	1.71E+00	4.04E-01	7.80E-01	1.16E-01	0.00E+00	0.00E+00
1.98E+00	5.57E-01	2.93E+00	7.04E-01	8.04E-01	1.79E-01	3.66E-01	7.54E-02	7.22E+00	1.49E+00	1.76E+00	4.66E-01	6.92E-01	1.29E-01	0.00E+00	0.00E+00
2.00E+00	5.62E-01	2.85E+00	7.48E-01	7.37E-01	1.98E-01	3.55E-01	7.34E-02	7.35E+00	1.62E+00	1.69E+00	4.80E-01	6.97E-01	1.23E-01	0.00E+00	0.00E+00
2.25E+00	5.86E-01	2.98E+00	8.04E-01	8.14E-01	2.18E-01	4.25E-01	8.31E-02	7.01E+00	1.79E+00	1.81E+00	4.99E-01	8.16E-01	1.39E-01	0.00E+00	0.00E+00
2.27E+00	6.12E-01	2.90E+00	8.38E-01	7.98E-01	2.27E-01	4.40E-01	8.73E-02	7.21E+00	1.93E+00	1.73E+00	5.06E-01	8.28E-01	1.55E-01	0.00E+00	0.00E+00
2.29E+00	5.63E-01	3.43E+00	8.36E-01	9.73E-01	2.15E-01	3.95E-01	8.01E-02	8.46E+00	2.06E+00	2.06E+00	5.01E-01	7.67E-01	1.48E-01	0.00E+00	0.00E+00
2.88E+00	7.15E-01	3.92E+00	8.20E-01	1.08E+00	1.99E-01	5.51E-01	1.13E-01	9.98E+00	1.57E+00	2.31E+00	5.69E-01	1.02E+00	2.03E-01	0.00E+00	0.00E+00

Scenario 4 Results

2.68E+00	5.45E-01	4.08E+00	6.44E-01	1.13E+00	1.73E-01	4.19E-01	8.93E-02	1.01E+01	1.46E+00	2.42E+00	4.25E-01	7.58E-01	1.80E-01	0.00E+00	0.00E+00
2.68E+00	4.84E-01	3.99E+00	5.74E-01	1.08E+00	1.67E-01	3.59E-01	7.41E-02	9.78E+00	1.22E+00	2.40E+00	3.73E-01	6.54E-01	1.35E-01	0.00E+00	0.00E+00
2.89E+00	6.18E-01	4.20E+00	7.58E-01	1.30E+00	2.50E-01	3.71E-01	9.19E-02	1.03E+01	1.64E+00	2.50E+00	4.93E-01	6.59E-01	1.48E-01	0.00E+00	0.00E+00
3.21E+00	1.24E+00	4.70E+00	1.61E+00	1.47E+00	3.78E-01	4.02E-01	1.64E-01	1.15E+01	3.29E+00	2.81E+00	1.05E+00	6.52E-01	2.91E-01	0.00E+00	0.00E+00
3.37E+00	6.35E-01	5.08E+00	9.77E-01	1.34E+00	2.15E-01	5.20E-01	7.51E-02	1.30E+01	2.67E+00	3.06E+00	5.93E-01	1.07E+00	1.41E-01	0.00E+00	0.00E+00
2.73E+00	7.64E-01	3.79E+00	1.03E+00	1.19E+00	2.79E-01	4.08E-01	9.99E-02	1.15E+01	2.13E+00	2.36E+00	6.49E-01	6.95E-01	1.69E-01	0.00E+00	0.00E+00
4.01E+00	6.12E-01	6.28E+00	7.95E-01	1.81E+00	2.09E-01	4.41E-01	8.19E-02	1.65E+01	1.65E+00	3.65E+00	5.16E-01	6.87E-01	1.54E-01	0.00E+00	0.00E+00
3.97E+00	8.44E-01	6.10E+00	1.03E+00	1.55E+00	2.58E-01	4.27E-01	1.21E-01	1.69E+01	1.61E+00	3.67E+00	6.89E-01	8.17E-01	2.23E-01	0.00E+00	0.00E+00
3.73E+00	8.61E-01	5.01E+00	1.20E+00	1.52E+00	3.19E-01	6.04E-01	1.12E-01	1.36E+01	2.17E+00	2.88E+00	7.34E-01	1.11E+00	2.07E-01	0.00E+00	0.00E+00
3.01E+00	7.25E-01	4.79E+00	1.02E+00	1.37E+00	2.40E-01	5.49E-01	8.90E-02	1.30E+01	2.19E+00	2.76E+00	6.35E-01	9.61E-01	1.57E-01	0.00E+00	0.00E+00
3.80E+00	4.27E-01	5.86E+00	4.79E-01	1.56E+00	1.27E-01	6.74E-01	6.09E-02	1.60E+01	9.16E-01	3.46E+00	3.46E-01	1.19E+00	1.15E-01	0.00E+00	0.00E+00
4.77E+00	5.72E-01	7.64E+00	8.04E-01	2.16E+00	2.00E-01	6.51E-01	7.13E-02	2.04E+01	1.76E+00	4.39E+00	4.93E-01	1.09E+00	1.22E-01	0.00E+00	0.00E+00
4.04E+00	5.86E-01	5.03E+00	7.07E-01	1.53E+00	1.57E-01	6.26E-01	8.09E-02	1.39E+01	1.69E+00	3.12E+00	4.79E-01	1.19E+00	1.50E-01	0.00E+00	0.00E+00
2.88E+00	3.94E-01	4.04E+00	5.85E-01	1.16E+00	1.58E-01	5.21E-01	5.46E-02	1.11E+01	1.31E+00	2.28E+00	3.36E-01	1.15E+00	9.89E-02	0.00E+00	0.00E+00
2.54E+00	5.98E-01	3.62E+00	9.64E-01	1.02E+00	2.43E-01	4.74E-01	6.44E-02	9.35E+00	2.46E+00	2.14E+00	5.53E-01	9.96E-01	1.10E-01	0.00E+00	0.00E+00
2.14E+00	6.06E-01	2.87E+00	8.04E-01	7.67E-01	1.85E-01	2.88E-01	7.59E-02	7.49E+00	1.88E+00	1.78E+00	5.22E-01	5.63E-01	1.33E-01	0.00E+00	0.00E+00
2.45E+00	5.41E-01	3.10E+00	8.04E-01	7.95E-01	1.96E-01	3.82E-01	6.10E-02	6.77E+00	2.05E+00	2.06E+00	4.87E-01	7.63E-01	9.77E-02	0.00E+00	0.00E+00
2.60E+00	4.67E-01	3.32E+00	6.31E-01	8.14E-01	1.47E-01	3.66E-01	5.76E-02	7.34E+00	1.53E+00	2.20E+00	4.04E-01	7.38E-01	9.65E-02	0.00E+00	0.00E+00
2.59E+00	3.02E-01	3.34E+00	3.74E-01	8.32E-01	1.08E-01	3.47E-01	4.03E-02	7.48E+00	1.07E+00	2.21E+00	2.52E-01	5.99E-01	6.91E-02	0.00E+00	0.00E+00
2.47E+00	3.25E-01	3.22E+00	5.29E-01	8.37E-01	1.16E-01	3.23E-01	3.86E-02	7.29E+00	1.53E+00	2.12E+00	3.07E-01	5.58E-01	7.03E-02	0.00E+00	0.00E+00
2.29E+00	3.64E-01	3.04E+00	5.17E-01	8.17E-01	8.38E-02	3.19E-01	3.94E-02	6.94E+00	1.41E+00	1.98E+00	3.23E-01	6.12E-01	6.82E-02	0.00E+00	0.00E+00
2.08E+00	3.09E-01	2.82E+00	3.78E-01	7.83E-01	7.75E-02	3.02E-01	3.83E-02	6.50E+00	9.19E-01	1.82E+00	2.57E-01	5.82E-01	7.17E-02	0.00E+00	0.00E+00
2.19E+00	2.64E-01	2.59E+00	3.43E-01	7.37E-01	9.61E-02	3.73E-01	3.60E-02	6.11E+00	9.83E-01	1.65E+00	2.10E-01	7.34E-01	7.02E-02	0.00E+00	0.00E+00
2.18E+00	2.64E-01	3.50E+00	3.98E-01	1.20E+00	1.11E-01	3.86E-01	3.77E-02	9.96E+00	1.12E+00	1.80E+00	2.30E-01	7.50E-01	6.96E-02	0.00E+00	0.00E+00
1.45E+00	2.27E-01	2.24E+00	3.59E-01	6.43E-01	9.88E-02	2.02E-01	2.84E-02	6.31E+00	9.52E-01	1.31E+00	2.09E-01	3.94E-01	5.39E-02	0.00E+00	0.00E+00
1.40E+00	2.18E-01	2.23E+00	3.30E-01	6.29E-01	8.85E-02	1.92E-01	2.49E-02	6.29E+00	8.26E-01	1.31E+00	1.96E-01	3.64E-01	4.78E-02	0.00E+00	0.00E+00
1.42E+00	2.17E-01	2.26E+00	3.13E-01	6.18E-01	8.16E-02	1.80E-01	2.66E-02	6.45E+00	7.44E-01	1.34E+00	1.90E-01	3.41E-01	4.79E-02	0.00E+00	0.00E+00
1.39E+00	2.24E-01	2.21E+00	2.86E-01	5.96E-01	7.08E-02	1.89E-01	2.91E-02	6.29E+00	6.45E-01	1.32E+00	1.92E-01	3.41E-01	5.24E-02	0.00E+00	0.00E+00
1.50E+00	2.63E-01	2.11E+00	3.25E-01	5.70E-01	6.98E-02	2.19E-01	3.50E-02	6.01E+00	7.29E-01	1.27E+00	2.24E-01	3.90E-01	6.40E-02	0.00E+00	0.00E+00
2.24E+00	3.46E-01	2.99E+00	4.32E-01	7.84E-01	9.15E-02	3.04E-01	4.53E-02	6.17E+00	9.95E-01	1.86E+00	2.96E-01	5.80E-01	8.83E-02	0.00E+00	0.00E+00
1.96E+00	2.63E-01	2.36E+00	3.13E-01	5.63E-01	6.60E-02	2.82E-01	3.79E-02	4.92E+00	6.83E-01	1.56E+00	2.21E-01	5.23E-01	7.46E-02	0.00E+00	0.00E+00
1.85E+00	2.08E-01	2.03E+00	2.35E-01	4.49E-01	6.23E-02	2.80E-01	3.33E-02	4.34E+00	5.28E-01	1.43E+00	1.74E-01	5.19E-01	6.58E-02	0.00E+00	0.00E+00
2.22E+00	2.08E-01	2.34E+00	2.60E-01	4.83E-01	7.42E-02	3.43E-01	3.64E-02	4.06E+00	6.44E-01	1.70E+00	1.73E-01	6.40E-01	7.16E-02	0.00E+00	0.00E+00
2.45E+00	4.03E-01	3.79E+00	3.98E-01	1.04E+00	1.05E-01	4.22E-01	7.04E-02	1.09E+01	9.99E-01	2.21E+00	2.87E-01	8.18E-01	1.42E-01	0.00E+00	0.00E+00
2.58E+00	3.93E-01	2.98E+00	3.50E-01	7.37E-01	9.23E-02	4.59E-01	6.95E-02	7.97E+00	7.99E-01	1.91E+00	2.86E-01	8.81E-01	1.39E-01	0.00E+00	0.00E+00
2.33E+00	3.71E-01	2.29E+00	3.43E-01	7.32E-01	9.49E-02	4.18E-01	6.28E-02	5.68E+00	8.46E-01	1.65E+00	2.65E-01	8.05E-01	1.18E-01	0.00E+00	0.00E+00
2.33E+00	3.46E-01	2.34E+00	4.14E-01	9.25E-01	1.11E-01	4.27E-01	5.90E-02	6.68E+00	1.00E+00	1.66E+00	2.62E-01	8.01E-01	1.14E-01	0.00E+00	0.00E+00
1.95E+00	3.44E-01	2.26E+00	4.57E-01	8.41E-01	1.19E-01	3.78E-01	4.66E-02	6.58E+00	1.08E+00	1.41E+00	2.94E-01	6.87E-01	9.28E-02	0.00E+00	0.00E+00
2.17E+00	3.73E-01	2.00E+00	4.85E-01	6.10E-01	1.22E-01	3.95E-01	4.86E-02	5.19E+00	1.11E+00	1.37E+00	3.15E-01	7.60E-01	8.63E-02	0.00E+00	0.00E+00
1.68E+00	3.63E-01	1.58E+00	4.63E-01	4.57E-01	1.14E-01	3.12E-01	4.81E-02	4.19E+00	1.02E+00	1.14E+00	3.05E-01	6.12E-01	8.16E-02	0.00E+00	0.00E+00
1.54E+00	3.62E-01	1.81E+00	4.62E-01	5.02E-01	1.10E-01	2.75E-01	4.78E-02	4.54E+00	1.01E+00	1.10E+00	3.05E-01	5.12E-01	8.25E-02	0.00E+00	0.00E+00
1.76E+00	3.65E-01	2.03E+00	4.49E-01	5.48E-01	1.13E-01	3.46E-01	5.00E-02	5.23E+00	9.68E-01	1.27E+00	3.02E-01	6.17E-01	8.49E-02	0.00E+00	0.00E+00
1.93E+00	4.38E-01	2.20E+00	5.48E-01	6.14E-01	1.36E-01	3.38E-01	5.92E-02	5.57E+00	1.18E+00	1.42E+00	3.65E-01	6.65E-01	1.01E-01	0.00E+00	0.00E+00
2.38E+00	5.04E-01	2.58E+00	6.51E-01	7.29E-01	1.76E-01	4.21E-01	6.63E-02	6.54E+00	1.44E+00	1.81E+00	4.26E-01	8.04E-01	1.13E-01	0.00E+00	0.00E+00
2.81E+00	5.24E-01	2.61E+00	7.24E-01	8.21E-01	2.19E-01	5.15E-01	8.26E-02	6.63E+00	1.63E+00	2.07E+00	4.49E-01	1.00E+00	1.44E-01	0.00E+00	0.00E+00
2.41E+00	5.71E-01	2.64E+00	7.30E-01	7.15E-01	1.99E-01	4.47E-01	7.79E-02	6.50E+00	1.66E+00	1.69E+00	4.72E-01	8.63E-01	1.28E-01	0.00E+00	0.00E+00
2.39E+00	5.63E-01	2.40E+00	7.28E-01	6.60E-01	2.00E-01	4.11E-01	7.93E-02	6.18E+00	1.72E+00	1.61E+00	4.56E-01	8.10E-01	1.39E-01	0.00E+00	0.00E+00
2.03E+00	4.83E-01	2.79E+00	6.84E-01	7.47E-01	1.82E-01	3.94E-01	6.91E-02	6.86E+00	1.69E+00	1.68E+00	4.06E-01	7.53E-01	1.26E-01	0.00E+00	0.00E+00
1.88E+00	4.28E-01	2.79E+00	5.35E-01	7.97E-01	1.48E-01	2.89E-01	6.49E-02	6.88E+00	1.32E+00	1.67E+00	3.50E-01	5.48E-01	1.10E-01	0.00E+00	0.00E+00
2.01E+00	4.83E-01	2.80E+00	5.72E-01	8.18E-01	1.36E-01	3.05E-01	7.92E-02	7.29E+00	1.18E+00	1.71E+00	3.94E-01	5.89E-01	1.49E-01	0.00E+00	0.00E+00
2.22E+00	4.39E-01	3.33E+00	5.22E-01	9.36E-01	1.48E-01	4.04E-01	7.35E-02	8.62E+00	1.16E+00	1.99E+00	3.27E-01	7.42E-01	1.52E-01	0.00E+00	0.00E+00
2.63E+00	5.15E-01	3.56E+00	5.71E-01	1.05E+00	1.67E-01	4.78E-01	8.28E-02	9.21E+00	1.18E+00	2.14E+00	3.80E-01	8.97E-01	1.51E-01	0.00E+00	0.00E+00
2.59E+00	5.36E-01	3.85E+00	6.95E-01	1.17E+00	2.31E-01	4.46E-01	7.61E-02	9.83E+00	1.35E+00	2.29E+00	4.38E-01	8.49E-01	1.51E-01	0.00E+00	0.00E+00
2.91E+00	1.22E+00	4.31E+00	1.53E+00	1.22E+00	3.82E-01	4.23E-01	1.66E-01	1.03E+01	3.07E+00	2.59E+00	9.99E-01	8.18E-01	2.81E-01	0.00E+00	0.00E+00
3.00E+00	8.01E-01	4.53E+00	1.20E+00	1.24E+00	2.91E-01	3.55E-01	9.27E-02	1.18E+01	3.06E+00	2.72E+00	7.27E-01	7.36E-01	1.71E-01	0.00E+00	0.00E+00
2.95E+00	6.33E-01	4.42E+00	7.66E-01	1.23E+00	2.23E-01	4.92E-01	9.14E-02	1.27E+01	1.51E+00	2.56E+00	5.10E-01	9.37E-01	1.57E-01	0.00E+00	0.00E+00
2.66E+00	7.65E-01	3.58E+00	9.90E-01	1.03E+00	2.36E-01	4.22E-01	1.02E-01	8.16E+00	2.00E+00	2.27E+00	6.43E-01	7.83E-01	1.78E-01	0.00E+00	0.00E+00
3.81E+00	4.90E-01	6.03E+00	6.34E-01	1.68E+00	1.79E-01	4.07E-01	6.93E-02	1.64E+01	1.41E+00	3.52E+00	4.14E-01	6.74E-01	1.32E-01	0.00E+00	0.00E+00
3.45E+00	7.51E-01	5.24E+00	9.31E-01	1.39E+00	2.38E-01	3.98E-01	1.07E-01	1.41E+01	1.53E+00	3.16E+00	6.15E-01	7.41E-01	1.93E-01	0.00E+00	0.00E+00
3.02E+00	7.04E-01	3.91E+00	9.73E-01	1.24E+00	2.78E-01	4.95E-01	9.96E-02	1.07E+01	1.85E+00	2.28E+00	5.75E-01	9.04E-01	1.98E-01	0.00E+00	0.00E+00
2.92E+00	4.88E-01	4.80E+00	7.51E-01	1.25E+00	2.21E-01	4.37E-01	5.83E-02	1.32E+01	1.66E+00	2.74E+00	4.33E-01	7.96E-01	1.13E-01	0.00E+00	0.00E+00
4.00E+00	5.20E-01	4.60E+00	6.47E-01	1.25E+00	1.40E-01	8.00E-01	7.06E-02	1.31E+01	1.35E+00	2.66E+00	4.31E-01	1.46E+00	1.33E-01	0.00E+00	0.00E+00
3.06E+00	3.85E-01	5.24E+00	5.51E-01	1.58E+00	1.54E-01	4.04E-01	5.77E-02	1.47E+01	1.26E+00	2.91E+00	3.18E-01	8.04E-01	1.07E-01	0.00E+00	0.00E+00
4.36E+00	5.59E-01	6.89E+00	7.73E-01	1.91E+00	1.90E-01	4.73E-01	7.03E-02	1.82E+01	1.72E+00	4.00E+00	4.80E-01	9.88E-01	1.19E-01	0.00E+00	0.00E+00
3.41E+00	4.96E-01	4.25E+00	6.03E-01	1.18E+00	1.25E-01	5.28E-01	6.79E-02	1.03E+01	1.32E+00	2.69E+00	4.08E-01	1.01E+00	1.24E-01	0.00E+00	0.00E+00
2.27E+00	3.65E-01	3.43E+00	5.35E-01	1.05E+00	1.44E-01	3.48E-01	4.88E-02	8.81E+00	1.27E+00	2.03E+00	3.08E-01	7.81E-01	8.61E-02	0.00E+00	0.00E+00
2.33E+00	4.35E-01	3.39E+00	7.18E-01	1.01E+00	1.89E-01	3.25E-01	5.18E-02	8.09E+00	1.88E+00	2.02E+00	4.06E-01	6.93E-01	8.64E-02	0.00E+00	0.00E+00
1.89E+00	5.19E-01	2.97E+00	7.39E-01	8.01E-01	1.72E-01	2.68E-01	6.12E-02	7.53E+00	1.81E+00	1.70E+00	4.59E-01	5.25E-01	1.02E-01	0.00E+00	0.00E+00
1.99E+00	4.54E-01	2.29E+00	7.09E-01	8.31E-01	1.81E-01	2.89E-01	5.39E-02	5.61E+00	1.87E+00	1.61E+00	4.17E-01	5.50E-01	9.37E-02	0.00E+00	0.00E+00
2.07E+00	4.84E-01	2.46E+00	7.03E-01	8.66E-01	1.72E-01	3.29E-01	5.59E-02	6.63E+00	1.80E+00	1.69E+00	4.32E-01	6.55E-01	8.92E-02	0.00E+00	0.00E+00
2.06E+00	3.73E-01	2.66E+00	5.05E-01	8.64E-01	1.20E-01	2.98E-01	4.59E-02	6.21E+00	1.24E+00	1.70E+00	3.23E-01	5.99E-01	7.59E-02	0.00E+00	0.00E+00
2.14E+00	2.37E-01	2.63E+00	3.54E-01	8.38E-01	1.07E-01	3.05E-01	3.09E-02	5.44E+00	1.02E+00	1.72E+00	1.99E-01	5.22E-01	5.47E-02	0.00E+00	0.00E+00
2.20E+00	3.08E-01	2.30E+00	5.14E-01	7.87E-01	1.23E-01	3.43E-01	4.28E-02	5.49E+00	1.51E+00	1.68E+00	2.95E-01	6.05E-01	7.90E-02	0.00E+00	0.00E+00
2.26E+00	3.87E-01	2.71E+00	5.83E-01	7.89E-01	1.09E-01	3.50E-01	4.68E-02	6.43E+00	1.68E+00	1.77E+00	3.54E-01	6.56E-01	8.64E-02	0.00E+00	0.00E+00
2.17E+00	3.53E-01	2.73E+00	4.75E-01	6.79E-01	7.15E-02	3.47E-01	4.01E-02	5.86E+00	1.28E+00	1.67E+00	3.07E-01	6.46E-01	7.13E-02	0.00E+00	0.00E+00
2.09E+00	2.90E-01	2.43E+00	3.51E-01	5.98E-01	7.37E-02	2.98E-01	3.63E-02	5.23E+00	8.59E-01	1.75E+00	2.41E-01	5.58E-01	6.79E-02	0.00E+00	0.00E+00
1.36E+00	1.80E-01	1.80E+00	2.73E-01	5.11E-01	7.75E-02	2.22E-01	2.48E-02	4.91E+00	7.91E-01	1.10E+00	1.55E-01	4.35E-01	4.73E-02	0.00E+00	0.00E+00
1.16E+00	1.74E-01	1.73E+00	2.88E-01	4.97E-01	8.14E-02	1.92E-01	2.37E-02	4.62E+00	8.12E-01	1.08E+00	1.64E-01	3.79E-01	4.36E-02	0.00E+00	0.00E+00
1.22E+00	1.82E-01	1.85E+00	2.92E-01	5.54E-01	8.13E-02	1.75E-01	2.28E-02	5.38E+00	7.93E-01	1.10E+00	1.69E-01	3.30E-01	4.28E-02	0.00E+00	0.00E+00
1.27E+00	1.87E-01	1.99E+00	2.89E-01	5.88E-01	7.91E-02	1.75E-01	2.29E-02	5.89E+00	7.57E-01	1.15E+00	1.70E-01	3.39E-01	4.35E-02	0.00E+00	0.00E+00
1.75E+00	2.62E-01	2.35E+00	3.78E-01	6.39E-01	8.68E-02	2.10E-01	3.02E-02	6.14E+00	9.51E-01	1.53E+00	2.36E-01	4.06E-01	5.16E-02	0.00E+00	0.00E+00
1.60E+00	2.80E-01	2.00E+00	3.81E-01	5.78E-01	8.51E-02	2.08E-01	3.40E-02	5.99E+00	9.32E-01	1.35E+00	2.47E-01	3.75E-01	5.98E-02	0.00E+00	0.00E+00
1.27E+00	2.41E-01	1.91E+00	3.10E-01	5.51E-01	6.77E-02	1.76E-01	3.09E-02	5.68E+00	7.25E-01	1.11E+00	2.09E-01	3.07E-01	5.61E-02	0.00E+00	0.00E+00
1.61E+00	2.85E-01	2.14E+00	3.61E-01	6.47E-01	7.80E-02	2.13E-01	3.68E-02	5.38E+00	8.49E-01	1.37E+00	2.46E-01	3.63E-01	6.68E-02	0.00E+00	0.00E+00
2.36E+00	3.34E-01	4.16E+00	4.62E-01	1.42E+00	1.45E-01	4.28E-01	5.52E-02	1.33E+01	1.20E+00	2.16E+00	2.84E-01	8.07E-01	1.06E-01	0.00E+00	0.00E+00
2.15E+00	3.39E-01	3.32E+00	4.69E-01	1.11E+00	1.21E-01	4.01E-01	4.72E-02	1.06E+01	1.17E+00	1.76E+00	2.96E-01	7.48E-01	9.34E-02	0.00E+00	0.00E+00
2.26E+00	3.57E-01	2.56E+00	4.80E-01	8.01E-01	1.20E-01	4.06E-01	4.49E-02	8.13E+00	1.16E+00	1.61E+00	3.09E-01	7.87E-01	8.92E-02	0.00E+00	0.00E+00
2.30E+00	3.76E-01	2.26E+00	4.98E-01	7.60E-01	1.20E-01	4.24E-01	4.78E-02	6.14E+00	1.18E+00	1.62E+00	3.23E-01	8.19E-01	8.61E-02	0.00E+00	0.00E+00
2.15E+00	3.78E-01	2.46E+00	4.95E-01	7.44E-01	1.16E-01	3.46E-01	4.82E-02	6.60E+00	1.15E+00	1.56E+00	3.23E-01	6.95E-01	8.21E-02	0.00E+00	0.00E+00
1.85E+00	3.34E-01	2.06E+00	4.29E-01	5.59E-01	1.02E-01	3.39E-01	4.51E-02	4.76E+00	9.70E-01	1.35E+00	2.82E-01	6.14E-01	7.66E-02	0.00E+00	0.00E+00
1.74E+00	3.54E-01	1.75E+00	4.41E-01	4.76E-01	1.08E-01	3.33E-01	4.76E-02	4.62E+00	9.70E-01	1.26E+00	2.95E-01	5.89E-01	8.11E-02	0.00E+00	0.00E+00
1.59E+00	3.86E-01	1.96E+00	4.90E-01	5.37E-01	1.21E-01	2.75E-01	5.14E-02	4.95E+00	1.08E+00	1.20E+00	3.25E-01	5.45E-01	8.76E-02	0.00E+00	0.00E+00
2.06E+00	4.21E-01	2.28E+00	5.52E-01	5.76E-01	1.63E-01	3.50E-01	5.47E-02	5.50E+00	1.27E+00	1.60E+00	3.60E-01	6.69E-01	9.26E-02	0.00E+00	0.00E+00
2.34E+00	4.61E-01	2.08E+00	6.47E-01	7.49E-01	1.91E-01	4.31E-01	6.89E-02	5.36E+00	1.51E+00	1.64E+00	3.97E-01	8.35E-01	1.19E-01	0.00E+00	0.00E+00
2.66E+00	5.76E-01	3.33E+00	7.65E-01	9.27E-01	2.04E-01	4.47E-01	8.00E-02	6.88E+00	1.69E+00	2.15E+00	4.85E-01	8.93E-01	1.43E-01	0.00E+00	0.00E+00

Scenario 4 Results

3.62E+00	6.01E-01	3.40E+00	7.42E-01	8.23E-01	1.97E-01	6.04E-01	8.24E-02	6.82E+00	1.71E+00	2.62E+00	4.92E-01	1.21E+00	1.51E-01	0.00E+00	0.00E+00
3.30E+00	5.07E-01	2.52E+00	6.78E-01	6.87E-01	1.89E-01	6.33E-01	7.27E-02	6.31E+00	1.72E+00	2.11E+00	4.05E-01	1.21E+00	1.33E-01	0.00E+00	0.00E+00
1.91E+00	4.74E-01	2.40E+00	6.32E-01	6.77E-01	1.83E-01	3.68E-01	7.14E-02	6.35E+00	1.66E+00	1.42E+00	3.75E-01	7.41E-01	1.33E-01	0.00E+00	0.00E+00
2.39E+00	5.44E-01	2.75E+00	6.11E-01	7.53E-01	1.41E-01	4.60E-01	8.74E-02	6.87E+00	1.19E+00	1.69E+00	4.22E-01	8.95E-01	1.55E-01	0.00E+00	0.00E+00
1.92E+00	4.56E-01	2.75E+00	4.91E-01	7.54E-01	1.30E-01	2.93E-01	7.61E-02	6.68E+00	1.01E+00	1.68E+00	3.47E-01	5.75E-01	1.49E-01	0.00E+00	0.00E+00
1.94E+00	3.28E-01	2.83E+00	4.42E-01	7.80E-01	1.29E-01	3.08E-01	5.57E-02	7.15E+00	9.63E-01	1.72E+00	2.70E-01	5.96E-01	1.17E-01	0.00E+00	0.00E+00
1.93E+00	4.00E-01	2.87E+00	4.84E-01	8.63E-01	1.39E-01	3.21E-01	6.48E-02	7.36E+00	1.06E+00	1.72E+00	2.93E-01	6.14E-01	1.20E-01	0.00E+00	0.00E+00
2.08E+00	4.12E-01	3.08E+00	5.48E-01	9.22E-01	1.79E-01	3.42E-01	5.68E-02	7.96E+00	1.09E+00	1.83E+00	3.42E-01	6.96E-01	1.17E-01	0.00E+00	0.00E+00
2.21E+00	8.87E-01	3.17E+00	1.15E+00	9.45E-01	3.04E-01	3.62E-01	1.19E-01	8.05E+00	2.38E+00	1.94E+00	7.37E-01	7.17E-01	1.97E-01	0.00E+00	0.00E+00
2.29E+00	6.97E-01	3.41E+00	1.02E+00	9.85E-01	2.62E-01	3.02E-01	8.60E-02	9.09E+00	2.48E+00	2.04E+00	6.17E-01	5.13E-01	1.61E-01	0.00E+00	0.00E+00
2.20E+00	4.86E-01	3.39E+00	6.51E-01	9.48E-01	1.49E-01	3.78E-01	7.39E-02	9.55E+00	1.65E+00	2.03E+00	4.06E-01	6.85E-01	1.34E-01	0.00E+00	0.00E+00
2.39E+00	5.90E-01	3.73E+00	8.24E-01	1.06E+00	2.28E-01	3.19E-01	8.18E-02	1.07E+01	1.84E+00	2.16E+00	5.09E-01	6.34E-01	1.47E-01	0.00E+00	0.00E+00
2.05E+00	5.80E-01	2.91E+00	7.31E-01	8.73E-01	1.76E-01	3.67E-01	7.81E-02	7.39E+00	1.41E+00	1.70E+00	4.83E-01	7.03E-01	1.42E-01	0.00E+00	0.00E+00
3.53E+00	4.66E-01	5.62E+00	6.24E-01	1.55E+00	2.04E-01	3.71E-01	6.54E-02	1.55E+01	1.23E+00	3.30E+00	3.84E-01	5.59E-01	1.05E-01	0.00E+00	0.00E+00
5.67E+00	7.18E-01	4.57E+00	9.00E-01	1.25E+00	2.36E-01	1.01E+00	1.01E-01	1.19E+01	1.56E+00	3.15E+00	5.90E-01	1.76E+00	1.79E-01	0.00E+00	0.00E+00
2.41E+00	7.12E-01	3.35E+00	8.60E-01	9.90E-01	2.36E-01	3.70E-01	9.79E-02	8.18E+00	1.57E+00	2.10E+00	5.87E-01	6.75E-01	1.86E-01	0.00E+00	0.00E+00
2.60E+00	5.61E-01	4.30E+00	7.14E-01	1.20E+00	1.48E-01	4.38E-01	7.22E-02	1.19E+01	1.76E+00	2.44E+00	4.78E-01	7.78E-01	1.33E-01	0.00E+00	0.00E+00
3.67E+00	6.27E-01	4.01E+00	8.42E-01	1.14E+00	1.84E-01	7.33E-01	7.75E-02	1.13E+01	1.99E+00	2.29E+00	5.44E-01	1.36E+00	1.35E-01	0.00E+00	0.00E+00
2.49E+00	3.76E-01	3.88E+00	4.38E-01	1.09E+00	1.20E-01	4.32E-01	5.40E-02	1.03E+01	9.19E-01	2.28E+00	3.01E-01	7.98E-01	1.02E-01	0.00E+00	0.00E+00
3.04E+00	4.22E-01	5.24E+00	6.23E-01	1.57E+00	1.66E-01	3.58E-01	5.64E-02	1.48E+01	1.44E+00	2.92E+00	3.73E-01	7.37E-01	1.05E-01	0.00E+00	0.00E+00
3.75E+00	5.16E-01	5.80E+00	7.03E-01	1.60E+00	1.68E-01	4.64E-01	6.49E-02	1.50E+01	1.54E+00	3.40E+00	4.42E-01	9.14E-01	1.11E-01	0.00E+00	0.00E+00
2.95E+00	4.51E-01	3.92E+00	5.55E-01	9.35E-01	1.18E-01	4.51E-01	6.07E-02	9.05E+00	1.14E+00	2.49E+00	3.73E-01	8.71E-01	1.09E-01	0.00E+00	0.00E+00
2.04E+00	2.96E-01	2.86E+00	4.30E-01	9.17E-01	1.17E-01	3.16E-01	3.90E-02	7.18E+00	1.03E+00	1.62E+00	2.48E-01	6.24E-01	6.81E-02	0.00E+00	0.00E+00
2.13E+00	3.41E-01	3.18E+00	5.20E-01	9.56E-01	1.41E-01	2.58E-01	4.12E-02	7.38E+00	1.38E+00	1.87E+00	3.00E-01	4.28E-01	6.78E-02	0.00E+00	0.00E+00
1.87E+00	4.80E-01	2.84E+00	7.22E-01	7.82E-01	1.77E-01	2.50E-01	5.36E-02	7.53E+00	1.84E+00	1.62E+00	4.34E-01	5.21E-01	9.15E-02	0.00E+00	0.00E+00
2.44E+00	4.48E-01	2.80E+00	6.07E-01	7.30E-01	1.56E-01	4.15E-01	7.34E-02	7.07E+00	1.60E+00	1.87E+00	3.88E-01	7.70E-01	1.37E-01	0.00E+00	0.00E+00
2.44E+00	4.43E-01	3.50E+00	6.73E-01	7.92E-01	1.69E-01	3.58E-01	4.88E-02	8.14E+00	1.78E+00	2.13E+00	4.03E-01	6.97E-01	8.92E-02	0.00E+00	0.00E+00
2.00E+00	3.88E-01	2.48E+00	5.56E-01	7.63E-01	1.37E-01	2.87E-01	4.54E-02	5.96E+00	1.42E+00	1.64E+00	3.44E-01	5.71E-01	7.26E-02	0.00E+00	0.00E+00
1.71E+00	2.94E-01	2.36E+00	4.00E-01	7.39E-01	9.65E-02	2.56E-01	3.61E-02	5.32E+00	9.87E-01	1.45E+00	2.55E-01	5.10E-01	5.92E-02	0.00E+00	0.00E+00
1.94E+00	2.28E-01	2.39E+00	3.48E-01	6.88E-01	1.10E-01	2.78E-01	3.36E-02	5.16E+00	9.98E-01	1.59E+00	1.92E-01	5.16E-01	6.14E-02	0.00E+00	0.00E+00
1.81E+00	2.43E-01	2.00E+00	4.11E-01	6.11E-01	1.06E-01	2.72E-01	3.47E-02	4.53E+00	1.20E+00	1.42E+00	2.33E-01	4.82E-01	6.34E-02	0.00E+00	0.00E+00
1.57E+00	3.08E-01	1.68E+00	4.81E-01	5.12E-01	1.01E-01	2.42E-01	3.96E-02	4.88E+00	1.40E+00	1.23E+00	2.86E-01	4.49E-01	7.29E-02	0.00E+00	0.00E+00
1.68E+00	2.97E-01	1.84E+00	4.24E-01	5.37E-01	7.28E-02	2.62E-01	3.20E-02	4.61E+00	1.19E+00	1.30E+00	2.65E-01	4.86E-01	5.61E-02	0.00E+00	0.00E+00
1.13E+00	2.37E-01	1.53E+00	3.09E-01	4.64E-01	5.24E-02	2.06E-01	2.77E-02	4.57E+00	8.12E-01	9.04E-01	2.03E-01	3.99E-01	4.97E-02	0.00E+00	0.00E+00
1.19E+00	1.98E-01	1.52E+00	2.39E-01	4.36E-01	6.08E-02	1.90E-01	2.47E-02	4.40E+00	6.36E-01	1.00E+00	1.64E-01	3.70E-01	4.62E-02	0.00E+00	0.00E+00
1.39E+00	1.63E-01	1.48E+00	2.40E-01	4.31E-01	6.81E-02	2.11E-01	2.24E-02	4.12E+00	7.02E-01	1.12E+00	1.36E-01	4.07E-01	4.07E-02	0.00E+00	0.00E+00
1.42E+00	1.63E-01	1.43E+00	2.55E-01	4.66E-01	7.19E-02	2.22E-01	2.29E-02	3.86E+00	7.28E-01	1.10E+00	1.45E-01	4.24E-01	4.08E-02	0.00E+00	0.00E+00
1.42E+00	1.60E-01	1.53E+00	2.59E-01	5.13E-01	7.24E-02	2.25E-01	2.26E-02	4.63E+00	7.20E-01	1.08E+00	1.50E-01	4.30E-01	4.11E-02	0.00E+00	0.00E+00
1.19E+00	1.58E-01	1.58E+00	2.47E-01	4.99E-01	6.78E-02	1.92E-01	2.03E-02	4.64E+00	6.60E-01	9.75E-01	1.45E-01	3.67E-01	3.79E-02	0.00E+00	0.00E+00
1.42E+00	2.10E-01	1.91E+00	3.01E-01	5.67E-01	6.93E-02	2.03E-01	2.45E-02	4.97E+00	7.56E-01	1.24E+00	1.89E-01	3.80E-01	4.19E-02	0.00E+00	0.00E+00
2.31E+00	3.71E-01	3.53E+00	5.17E-01	1.19E+00	1.45E-01	4.11E-01	4.45E-02	1.19E+01	1.30E+00	2.01E+00	3.28E-01	7.97E-01	8.25E-02	0.00E+00	0.00E+00
2.38E+00	3.61E-01	3.00E+00	4.85E-01	1.06E+00	1.14E-01	4.05E-01	4.48E-02	8.80E+00	1.18E+00	1.70E+00	3.14E-01	7.75E-01	7.51E-02	0.00E+00	0.00E+00
2.31E+00	3.39E-01	2.78E+00	4.40E-01	8.05E-01	1.04E-01	3.87E-01	4.39E-02	7.51E+00	1.04E+00	1.69E+00	2.88E-01	7.63E-01	7.41E-02	0.00E+00	0.00E+00
2.42E+00	3.61E-01	2.48E+00	4.56E-01	7.81E-01	1.07E-01	4.03E-01	4.74E-02	5.75E+00	1.04E+00	1.67E+00	3.04E-01	7.70E-01	8.08E-02	0.00E+00	0.00E+00
2.33E+00	3.84E-01	2.20E+00	4.84E-01	7.26E-01	1.13E-01	4.15E-01	5.07E-02	5.25E+00	1.10E+00	1.60E+00	3.24E-01	7.81E-01	8.70E-02	0.00E+00	0.00E+00
1.80E+00	3.77E-01	2.43E+00	4.82E-01	7.05E-01	1.37E-01	3.00E-01	4.95E-02	5.17E+00	1.14E+00	1.51E+00	3.21E-01	5.97E-01	8.49E-02	0.00E+00	0.00E+00
2.01E+00	3.71E-01	2.31E+00	5.19E-01	6.16E-01	1.59E-01	3.41E-01	4.77E-02	4.77E+00	1.31E+00	1.60E+00	3.21E-01	6.52E-01	8.09E-02	0.00E+00	0.00E+00
2.18E+00	4.26E-01	2.26E+00	6.08E-01	7.69E-01	1.75E-01	4.02E-01	6.36E-02	5.20E+00	1.46E+00	1.48E+00	3.71E-01	7.76E-01	1.09E-01	0.00E+00	0.00E+00
2.44E+00	5.10E-01	3.18E+00	6.87E-01	8.51E-01	1.81E-01	4.26E-01	7.40E-02	7.06E+00	1.56E+00	2.03E+00	4.33E-01	8.39E-01	1.31E-01	0.00E+00	0.00E+00
3.27E+00	5.40E-01	3.30E+00	6.78E-01	8.31E-01	1.71E-01	5.29E-01	7.62E-02	7.07E+00	1.53E+00	2.45E+00	4.46E-01	1.06E+00	1.41E-01	0.00E+00	0.00E+00
3.36E+00	5.31E-01	2.83E+00	6.77E-01	1.09E+00	1.93E-01	6.29E-01	8.23E-02	8.37E+00	1.79E+00	2.26E+00	4.11E-01	1.24E+00	1.57E-01	0.00E+00	0.00E+00
3.69E+00	6.51E-01	2.97E+00	7.39E-01	1.06E+00	2.41E-01	7.10E-01	1.01E-01	6.96E+00	2.07E+00	2.31E+00	4.92E-01	1.35E+00	1.88E-01	0.00E+00	0.00E+00
2.80E+00	5.70E-01	2.53E+00	6.92E-01	7.57E-01	1.84E-01	4.80E-01	8.61E-02	5.91E+00	1.68E+00	1.87E+00	4.46E-01	9.25E-01	1.46E-01	0.00E+00	0.00E+00
2.49E+00	5.85E-01	2.54E+00	5.95E-01	7.09E-01	1.55E-01	4.88E-01	9.49E-02	6.17E+00	1.08E+00	1.62E+00	4.34E-01	9.59E-01	1.75E-01	0.00E+00	0.00E+00
1.84E+00	4.49E-01	2.57E+00	4.80E-01	7.48E-01	1.28E-01	3.43E-01	7.58E-02	6.38E+00	1.12E+00	1.56E+00	3.29E-01	6.50E-01	1.52E-01	0.00E+00	0.00E+00
1.71E+00	3.23E-01	2.58E+00	4.16E-01	6.94E-01	1.20E-01	3.13E-01	5.77E-02	6.50E+00	9.51E-01	1.55E+00	2.52E-01	6.05E-01	1.13E-01	0.00E+00	0.00E+00
2.63E+00	5.17E-01	2.75E+00	5.09E-01	8.47E-01	1.52E-01	4.84E-01	8.74E-02	7.06E+00	1.22E+00	1.73E+00	3.65E-01	9.54E-01	1.60E-01	0.00E+00	0.00E+00
2.19E+00	4.21E-01	2.83E+00	5.31E-01	8.40E-01	1.74E-01	4.06E-01	7.44E-02	7.51E+00	1.15E+00	1.69E+00	3.23E-01	7.89E-01	1.54E-01	0.00E+00	0.00E+00
2.59E+00	7.81E-01	2.86E+00	1.04E+00	8.24E-01	2.89E-01	4.94E-01	1.04E-01	6.85E+00	2.20E+00	1.78E+00	6.54E-01	9.90E-01	1.66E-01	0.00E+00	0.00E+00
1.96E+00	8.01E-01	2.98E+00	1.00E+00	8.92E-01	2.41E-01	2.83E-01	1.06E-01	7.65E+00	2.16E+00	1.77E+00	6.75E-01	5.22E-01	1.92E-01	0.00E+00	0.00E+00
1.94E+00	4.32E-01	2.93E+00	6.57E-01	8.91E-01	1.55E-01	3.11E-01	5.73E-02	7.68E+00	1.75E+00	1.75E+00	3.96E-01	5.92E-01	1.10E-01	0.00E+00	0.00E+00
2.07E+00	4.33E-01	3.45E+00	5.42E-01	9.95E-01	1.47E-01	2.52E-01	6.05E-02	9.86E+00	1.11E+00	1.97E+00	3.55E-01	4.89E-01	1.02E-01	0.00E+00	0.00E+00
2.12E+00	5.32E-01	2.95E+00	7.23E-01	8.39E-01	1.89E-01	2.78E-01	6.83E-02	8.47E+00	1.58E+00	1.80E+00	4.55E-01	5.28E-01	1.13E-01	0.00E+00	0.00E+00
1.96E+00	4.81E-01	3.16E+00	5.81E-01	1.10E+00	1.59E-01	3.51E-01	6.68E-02	9.29E+00	1.18E+00	1.82E+00	3.96E-01	6.81E-01	1.17E-01	0.00E+00	0.00E+00
3.22E+00	5.40E-01	5.17E+00	7.23E-01	1.42E+00	2.22E-01	3.35E-01	7.41E-02	1.44E+01	1.34E+00	3.04E+00	4.48E-01	6.07E-01	1.19E-01	0.00E+00	0.00E+00
7.94E+00	6.55E-01	5.72E+00	8.32E-01	1.14E+00	2.22E-01	1.39E+00	9.11E-02	1.02E+01	1.51E+00	4.53E+00	5.41E-01	2.48E+00	1.59E-01	0.00E+00	0.00E+00
2.02E+00	6.41E-01	2.85E+00	8.01E-01	9.14E-01	1.83E-01	2.69E-01	8.68E-02	7.40E+00	1.51E+00	1.76E+00	5.33E-01	5.65E-01	1.60E-01	0.00E+00	0.00E+00
2.50E+00	5.86E-01	3.61E+00	7.81E-01	1.08E+00	1.69E-01	4.64E-01	7.37E-02	1.00E+01	1.74E+00	2.03E+00	5.05E-01	8.34E-01	1.31E-01	0.00E+00	0.00E+00
4.14E+00	5.89E-01	3.70E+00	8.51E-01	9.39E-01	2.10E-01	8.19E-01	6.96E-02	9.82E+00	2.05E+00	2.41E+00	5.22E-01	1.49E+00	1.26E-01	0.00E+00	0.00E+00
2.54E+00	4.54E-01	3.88E+00	5.52E-01	1.05E+00	1.09E-01	5.06E-01	6.15E-02	1.12E+01	1.10E+00	2.22E+00	3.73E-01	8.87E-01	1.15E-01	0.00E+00	0.00E+00
2.66E+00	3.94E-01	3.49E+00	4.65E-01	9.76E-01	1.25E-01	5.30E-01	5.83E-02	9.50E+00	1.28E+00	2.06E+00	3.16E-01	9.22E-01	1.07E-01	0.00E+00	0.00E+00
2.65E+00	4.19E-01	4.55E+00	6.04E-01	1.36E+00	1.56E-01	2.99E-01	6.27E-02	1.29E+01	1.40E+00	2.54E+00	3.67E-01	6.02E-01	1.13E-01	0.00E+00	0.00E+00
3.10E+00	4.58E-01	4.79E+00	6.17E-01	1.33E+00	1.44E-01	4.82E-01	5.78E-02	1.23E+01	1.37E+00	2.81E+00	3.92E-01	8.31E-01	9.91E-02	0.00E+00	0.00E+00
2.51E+00	3.52E-01	3.36E+00	4.37E-01	8.76E-01	9.34E-02	3.79E-01	5.01E-02	9.43E+00	9.15E-01	2.13E+00	2.93E-01	7.40E-01	9.93E-02	0.00E+00	0.00E+00
1.84E+00	2.50E-01	2.76E+00	3.53E-01	7.85E-01	9.57E-02	2.88E-01	3.31E-02	6.81E+00	8.59E-01	1.73E+00	2.08E-01	5.75E-01	6.61E-02	0.00E+00	0.00E+00
1.91E+00	3.06E-01	2.90E+00	4.45E-01	8.73E-01	1.28E-01	2.80E-01	3.62E-02	7.53E+00	1.14E+00	1.70E+00	2.72E-01	5.74E-01	6.79E-02	0.00E+00	0.00E+00
2.41E+00	4.19E-01	3.52E+00	6.51E-01	7.22E-01	1.66E-01	3.00E-01	4.77E-02	9.23E+00	1.71E+00	2.12E+00	3.83E-01	6.18E-01	9.13E-02	0.00E+00	0.00E+00
2.52E+00	4.27E-01	3.12E+00	5.91E-01	7.02E-01	1.41E-01	3.98E-01	6.78E-02	8.00E+00	1.48E+00	1.93E+00	3.68E-01	7.42E-01	1.27E-01	0.00E+00	0.00E+00
1.59E+00	3.34E-01	1.99E+00	5.20E-01	5.77E-01	1.34E-01	2.85E-01	4.77E-02	5.19E+00	1.39E+00	1.24E+00	3.07E-01	5.15E-01	8.12E-02	0.00E+00	0.00E+00
1.39E+00	3.41E-01	1.91E+00	5.05E-01	5.14E-01	1.26E-01	2.31E-01	3.85E-02	5.42E+00	1.32E+00	1.15E+00	3.07E-01	4.47E-01	6.01E-02	0.00E+00	0.00E+00
1.41E+00	2.94E-01	1.90E+00	4.18E-01	5.15E-01	1.03E-01	2.48E-01	3.48E-02	5.41E+00	1.06E+00	1.12E+00	2.60E-01	4.93E-01	5.57E-02	0.00E+00	0.00E+00
1.45E+00	2.18E-01	1.99E+00	2.97E-01	5.24E-01	7.20E-02	2.15E-01	2.68E-02	4.78E+00	7.33E-01	1.24E+00	1.89E-01	4.43E-01	4.39E-02	0.00E+00	0.00E+00
1.68E+00	1.62E-01	2.09E+00	2.60E-01	5.41E-01	8.58E-02	2.33E-01	2.27E-02	3.98E+00	7.34E-01	1.37E+00	1.41E-01	3.96E-01	4.03E-02	0.00E+00	0.00E+00
1.65E+00	2.09E-01	1.89E+00	3.59E-01	4.79E-01	9.98E-02	2.40E-01	3.22E-02	4.09E+00	1.05E+00	1.33E+00	2.02E-01	4.26E-01	5.88E-02	0.00E+00	0.00E+00
1.38E+00	2.30E-01	1.52E+00	3.69E-01	4.25E-01	8.65E-02	2.10E-01	2.84E-02	3.98E+00	1.08E+00	1.07E+00	2.17E-01	3.74E-01	5.15E-02	0.00E+00	0.00E+00
1.21E+00	2.45E-01	1.29E+00	3.67E-01	4.13E-01	7.24E-02	1.88E-01	2.66E-02	4.03E+00	1.05E+00	9.50E-01	2.24E-01	3.49E-01	4.82E-02	0.00E+00	0.00E+00
1.34E+00	2.45E-01	1.45E+00	3.40E-01	4.25E-01	5.69E-02	2.08E-01	2.70E-02	4.02E+00	9.42E-01	1.04E+00	2.16E-01	3.83E-01	4.62E-02	0.00E+00	0.00E+00
1.10E+00	2.19E-01	1.65E+00	2.85E-01	4.38E-01	4.92E-02	1.70E-01	2.57E-02	3.89E+00	7.52E-01	9.76E-01	1.88E-01	3.37E-01	4.61E-02	0.00E+00	0.00E+00
1.24E+00	1.82E-01	1.65E+00	2.23E-01	3.98E-01	5.52E-02	1.60E-01	2.24E-02	3.68E+00	5.81E-01	1.05E+00	1.52E-01	3.09E-01	4.17E-02	0.00E+00	0.00E+00
1.25E+00	1.42E-01	1.48E+00	2.06E-01	4.04E-01	5.86E-02	1.77E-01	1.92E-02	3.41E+00	6.05E-01	1.01E+00	1.17E-01	3.21E-01	3.41E-02	0.00E+00	0.00E+00
1.38E+00	1.41E-01	1.49E+00	2.16E-01	4.33E-01	6.09E-02	2.06E-01	1.94E-02	3.54E+00	6.19E-01	1.08E+00	1.24E-01	3.81E-01	3.44E-02	0.00E+00	0.00E+00
2.66E+00	3.37E-01	3.16E+00	4.54E-01	1.11E+00	1.17E-01	4.17E-01	4.14E-02	8.83E+00	1.13E+00	2.05E+00	2.94E-01	7.93E-01	6.90E-02	0.00E+00	0.00E+00
2.52E+00	3.57E-01	3.21E+00	4.72E-01	1.10E+00	1.11E-01	4.02E-01	4.48E-02	8.71E+00	1.15E+00	2.13E+00	3.09E-01	7.80E-01	7.89E-02	0.00E+00	0.00E+00
2.29E+00	3.61E-01	2.99E+00	4.65E-01	9.80E-01	1.30E-01	3.98E-01	4.66E-02	7.58E+00	1.17E+00	1.73E+00	3.09E-01	7.73E-01	8.01E-02	0.00E+00	0.00E+00
2.28E+00	3.60E-01	3.28E+00	5.11E-01	8.72E-01	1.59E-01	3.14E-01	4.65E-02	7.88E+00	1.42E+00	2.00E+00	3.09E-01	6.25E-01	7.99E-02	0.00E+00	0.00E+00

2.67E+00	4.25E-01	3.59E+00	6.42E-01	1.17E+00	1.92E-01	4.50E-01	6.05E-02	1.00E+01	1.74E+00	2.25E+00	3.73E-01	8.66E-01	1.02E-01	0.00E+00	0.00E+00
2.55E+00	4.87E-01	3.59E+00	6.53E-01	1.08E+00	1.85E-01	4.67E-01	7.27E-02	9.44E+00	1.65E+00	2.08E+00	3.93E-01	9.04E-01	1.23E-01	0.00E+00	0.00E+00
2.27E+00	4.60E-01	3.02E+00	6.19E-01	8.46E-01	1.62E-01	3.92E-01	6.84E-02	6.97E+00	1.43E+00	1.92E+00	3.89E-01	7.69E-01	1.20E-01	0.00E+00	0.00E+00
2.30E+00	4.43E-01	2.31E+00	5.58E-01	6.03E-01	1.39E-01	3.91E-01	6.03E-02	5.16E+00	1.30E+00	1.73E+00	3.67E-01	7.46E-01	1.11E-01	0.00E+00	0.00E+00
2.73E+00	4.49E-01	2.48E+00	5.68E-01	8.53E-01	1.61E-01	4.66E-01	6.87E-02	7.71E+00	1.50E+00	1.87E+00	3.55E-01	9.15E-01	1.31E-01	0.00E+00	0.00E+00
3.67E+00	6.02E-01	3.37E+00	6.90E-01	1.18E+00	2.27E-01	6.97E-01	9.32E-02	9.42E+00	1.95E+00	2.34E+00	4.58E-01	1.34E+00	1.74E-01	0.00E+00	0.00E+00
3.27E+00	6.74E-01	3.60E+00	8.64E-01	1.25E+00	2.48E-01	5.78E-01	1.03E-01	1.03E+01	2.30E+00	2.31E+00	5.12E-01	1.10E+00	1.92E-01	0.00E+00	0.00E+00
3.18E+00	6.51E-01	2.56E+00	7.02E-01	9.78E-01	2.18E-01	6.07E-01	9.98E-02	7.86E+00	1.66E+00	2.07E+00	4.94E-01	1.19E+00	1.75E-01	0.00E+00	0.00E+00
3.25E+00	6.74E-01	3.43E+00	6.02E-01	9.78E-01	1.82E-01	5.75E-01	1.19E-01	1.16E+01	1.30E+00	2.12E+00	4.79E-01	1.13E+00	2.28E-01	0.00E+00	0.00E+00
2.76E+00	5.43E-01	2.74E+00	4.82E-01	1.12E+00	1.47E-01	5.18E-01	8.99E-02	7.00E+00	1.25E+00	1.88E+00	4.04E-01	9.87E-01	1.85E-01	0.00E+00	0.00E+00
2.47E+00	4.16E-01	2.42E+00	4.56E-01	7.78E-01	1.43E-01	4.50E-01	7.54E-02	6.30E+00	9.76E-01	1.57E+00	2.94E-01	8.79E-01	1.48E-01	0.00E+00	0.00E+00
2.10E+00	4.99E-01	2.46E+00	4.60E-01	7.56E-01	1.39E-01	3.90E-01	8.52E-02	6.08E+00	1.20E+00	1.47E+00	3.48E-01	7.93E-01	1.56E-01	0.00E+00	0.00E+00
2.43E+00	4.85E-01	2.53E+00	5.13E-01	7.57E-01	1.68E-01	4.35E-01	8.70E-02	6.58E+00	1.18E+00	1.68E+00	3.39E-01	8.54E-01	1.79E-01	0.00E+00	0.00E+00
2.77E+00	6.71E-01	2.57E+00	9.22E-01	7.07E-01	2.71E-01	5.29E-01	8.73E-02	6.31E+00	2.01E+00	1.89E+00	5.69E-01	1.07E+00	1.35E-01	0.00E+00	0.00E+00
1.83E+00	8.52E-01	2.71E+00	1.02E+00	7.37E-01	2.20E-01	3.46E-01	1.17E-01	6.97E+00	2.10E+00	1.62E+00	6.94E-01	6.43E-01	2.06E-01	0.00E+00	0.00E+00
1.81E+00	4.62E-01	2.75E+00	7.01E-01	8.84E-01	1.78E-01	2.79E-01	6.67E-02	7.10E+00	1.82E+00	1.65E+00	4.21E-01	5.09E-01	1.21E-01	0.00E+00	0.00E+00
1.80E+00	4.24E-01	2.57E+00	4.51E-01	7.66E-01	1.26E-01	3.52E-01	6.82E-02	7.46E+00	1.17E+00	1.57E+00	3.02E-01	6.53E-01	1.26E-01	0.00E+00	0.00E+00
1.88E+00	4.34E-01	3.18E+00	5.72E-01	9.54E-01	1.60E-01	2.84E-01	5.99E-02	9.06E+00	1.34E+00	1.81E+00	3.57E-01	5.51E-01	1.06E-01	0.00E+00	0.00E+00
1.61E+00	4.65E-01	2.29E+00	6.13E-01	8.95E-01	1.54E-01	2.48E-01	6.10E-02	6.54E+00	1.29E+00	1.37E+00	3.93E-01	4.79E-01	1.04E-01	0.00E+00	0.00E+00
1.93E+00	4.02E-01	3.06E+00	5.15E-01	8.71E-01	1.37E-01	2.71E-01	5.58E-02	8.26E+00	9.75E-01	1.83E+00	3.30E-01	5.45E-01	9.70E-02	0.00E+00	0.00E+00
2.89E+00	5.07E-01	4.66E+00	6.75E-01	1.30E+00	1.96E-01	2.99E-01	6.88E-02	1.30E+01	1.30E+00	2.76E+00	4.22E-01	5.51E-01	1.13E-01	0.00E+00	0.00E+00
9.87E+00	5.70E-01	7.19E+00	7.34E-01	1.04E+00	1.99E-01	1.73E+00	7.98E-02	8.81E+00	1.37E+00	5.91E+00	4.74E-01	3.20E+00	1.47E-01	0.00E+00	0.00E+00
2.21E+00	6.14E-01	2.62E+00	7.91E-01	8.59E-01	1.81E-01	3.85E-01	8.14E-02	6.70E+00	1.57E+00	1.59E+00	5.15E-01	7.26E-01	1.45E-01	0.00E+00	0.00E+00
2.48E+00	5.65E-01	2.98E+00	7.79E-01	9.52E-01	1.83E-01	4.95E-01	6.98E-02	8.42E+00	1.77E+00	1.82E+00	4.91E-01	9.03E-01	1.20E-01	0.00E+00	0.00E+00
3.25E+00	4.33E-01	3.57E+00	6.56E-01	9.78E-01	1.80E-01	6.50E-01	5.04E-02	9.58E+00	1.56E+00	2.00E+00	3.89E-01	1.21E+00	1.05E-01	0.00E+00	0.00E+00
2.18E+00	4.59E-01	3.59E+00	6.08E-01	1.01E+00	1.38E-01	4.29E-01	6.65E-02	1.03E+01	1.34E+00	2.04E+00	3.88E-01	8.72E-01	1.30E-01	0.00E+00	0.00E+00
3.12E+00	3.84E-01	3.39E+00	4.71E-01	9.05E-01	1.19E-01	6.22E-01	5.50E-02	9.62E+00	1.11E+00	1.96E+00	3.11E-01	1.10E+00	1.05E-01	0.00E+00	0.00E+00
2.28E+00	3.63E-01	3.05E+00	5.74E-01	8.23E-01	1.54E-01	4.41E-01	5.26E-02	8.65E+00	1.37E+00	1.95E+00	3.25E-01	8.27E-01	9.59E-02	0.00E+00	0.00E+00
2.20E+00	4.27E-01	3.80E+00	5.99E-01	1.15E+00	1.51E-01	3.70E-01	6.59E-02	1.09E+01	1.41E+00	2.12E+00	3.68E-01	6.76E-01	1.23E-01	0.00E+00	0.00E+00
2.61E+00	4.21E-01	4.05E+00	5.65E-01	1.08E+00	1.29E-01	5.09E-01	5.37E-02	1.10E+01	1.28E+00	2.40E+00	3.61E-01	9.04E-01	1.02E-01	0.00E+00	0.00E+00
2.79E+00	3.39E-01	4.35E+00	3.88E-01	1.16E+00	1.09E-01	3.19E-01	5.29E-02	1.18E+01	1.01E+00	2.56E+00	2.55E-01	6.32E-01	1.05E-01	0.00E+00	0.00E+00
2.51E+00	3.53E-01	3.65E+00	4.52E-01	1.00E+00	9.35E-02	3.47E-01	4.48E-02	9.73E+00	1.07E+00	2.13E+00	2.96E-01	5.97E-01	8.51E-02	0.00E+00	0.00E+00
2.66E+00	3.20E-01	3.50E+00	5.00E-01	8.76E-01	1.51E-01	3.71E-01	4.29E-02	9.87E+00	1.31E+00	2.21E+00	2.93E-01	6.89E-01	8.79E-02	0.00E+00	0.00E+00
2.30E+00	3.63E-01	3.77E+00	5.58E-01	8.53E-01	1.58E-01	3.36E-01	4.35E-02	1.06E+01	1.48E+00	2.16E+00	3.32E-01	6.47E-01	8.03E-02	0.00E+00	0.00E+00
2.13E+00	3.72E-01	2.69E+00	5.45E-01	6.32E-01	1.34E-01	3.18E-01	5.50E-02	7.40E+00	1.40E+00	1.70E+00	3.33E-01	5.92E-01	1.02E-01	0.00E+00	0.00E+00
1.47E+00	2.94E-01	2.03E+00	4.07E-01	5.40E-01	1.07E-01	2.41E-01	4.10E-02	5.68E+00	1.10E+00	1.24E+00	2.55E-01	4.48E-01	7.01E-02	0.00E+00	0.00E+00
1.20E+00	2.88E-01	1.66E+00	4.38E-01	4.95E-01	1.11E-01	2.13E-01	3.52E-02	5.79E+00	1.16E+00	1.00E+00	2.62E-01	3.86E-01	5.99E-02	0.00E+00	0.00E+00
1.13E+00	2.79E-01	1.67E+00	4.08E-01	4.54E-01	1.02E-01	1.96E-01	3.19E-02	5.19E+00	1.06E+00	1.01E+00	2.50E-01	3.97E-01	5.00E-02	0.00E+00	0.00E+00
1.19E+00	2.35E-01	1.62E+00	3.33E-01	4.47E-01	8.23E-02	2.08E-01	2.79E-02	4.30E+00	8.45E-01	9.75E-01	2.08E-01	4.26E-01	4.46E-02	0.00E+00	0.00E+00
1.26E+00	1.80E-01	1.71E+00	2.47E-01	4.36E-01	6.02E-02	1.88E-01	2.20E-02	4.42E+00	6.13E-01	1.08E+00	1.57E-01	3.88E-01	3.59E-02	0.00E+00	0.00E+00
1.48E+00	1.39E-01	1.85E+00	2.20E-01	4.63E-01	7.51E-02	2.04E-01	1.86E-02	4.34E+00	6.17E-01	1.21E+00	1.20E-01	3.47E-01	3.26E-02	0.00E+00	0.00E+00
1.51E+00	1.68E-01	1.76E+00	2.89E-01	4.37E-01	8.56E-02	2.18E-01	2.54E-02	4.05E+00	8.36E-01	1.21E+00	1.62E-01	3.79E-01	4.59E-02	0.00E+00	0.00E+00
1.37E+00	2.05E-01	1.53E+00	3.36E-01	3.91E-01	8.56E-02	2.05E-01	2.95E-02	3.65E+00	9.82E-01	1.07E+00	1.95E-01	3.62E-01	5.39E-02	0.00E+00	0.00E+00
1.20E+00	2.25E-01	1.27E+00	3.47E-01	3.77E-01	7.58E-02	1.86E-01	2.90E-02	3.57E+00	1.01E+00	9.50E-01	2.08E-01	3.43E-01	5.30E-02	0.00E+00	0.00E+00
1.33E+00	2.27E-01	1.38E+00	3.30E-01	3.66E-01	6.19E-02	2.03E-01	2.59E-02	3.56E+00	9.39E-01	1.05E+00	2.05E-01	3.73E-01	4.73E-02	0.00E+00	0.00E+00
1.25E+00	2.18E-01	1.39E+00	2.99E-01	4.06E-01	4.83E-02	1.89E-01	2.44E-02	3.71E+00	8.25E-01	9.82E-01	1.92E-01	3.44E-01	4.21E-02	0.00E+00	0.00E+00
1.28E+00	2.16E-01	2.06E+00	2.82E-01	5.61E-01	6.09E-02	2.04E-01	2.52E-02	5.29E+00	7.54E-01	1.18E+00	1.86E-01	3.91E-01	4.53E-02	0.00E+00	0.00E+00
2.00E+00	3.15E-01	3.21E+00	4.45E-01	1.06E+00	1.39E-01	3.41E-01	4.04E-02	8.47E+00	1.30E+00	1.86E+00	2.71E-01	6.65E-01	6.98E-02	0.00E+00	0.00E+00
2.49E+00	3.45E-01	3.80E+00	5.85E-01	1.19E+00	1.79E-01	3.19E-01	4.03E-02	1.11E+01	1.70E+00	2.28E+00	3.31E-01	6.22E-01	7.40E-02	0.00E+00	0.00E+00
2.54E+00	4.24E-01	4.54E+00	6.64E-01	1.37E+00	1.96E-01	3.99E-01	5.65E-02	1.35E+01	1.86E+00	2.50E+00	3.83E-01	7.74E-01	1.01E-01	0.00E+00	0.00E+00
2.72E+00	5.00E-01	4.47E+00	6.63E-01	1.24E+00	1.86E-01	4.33E-01	6.99E-02	1.26E+01	1.74E+00	2.56E+00	4.01E-01	8.47E-01	1.16E-01	0.00E+00	0.00E+00
2.76E+00	5.24E-01	4.03E+00	6.39E-01	1.21E+00	1.66E-01	4.15E-01	7.26E-02	1.15E+01	1.55E+00	2.47E+00	4.28E-01	8.00E-01	1.23E-01	0.00E+00	0.00E+00
2.97E+00	5.02E-01	3.68E+00	6.08E-01	1.10E+00	1.55E-01	4.91E-01	6.79E-02	1.12E+01	1.35E+00	2.26E+00	4.20E-01	9.20E-01	1.21E-01	0.00E+00	0.00E+00
2.67E+00	4.66E-01	3.51E+00	5.79E-01	1.18E+00	1.77E-01	4.60E-01	6.66E-02	1.18E+01	1.62E+00	2.04E+00	3.76E-01	9.14E-01	1.26E-01	0.00E+00	0.00E+00
2.92E+00	4.73E-01	2.95E+00	5.72E-01	1.11E+00	1.83E-01	5.47E-01	7.27E-02	8.63E+00	1.64E+00	1.92E+00	3.64E-01	1.08E+00	1.36E-01	0.00E+00	0.00E+00
2.90E+00	5.52E-01	2.61E+00	6.68E-01	1.02E+00	2.07E-01	5.59E-01	8.54E-02	7.38E+00	1.76E+00	1.80E+00	4.16E-01	1.06E+00	1.59E-01	0.00E+00	0.00E+00
2.91E+00	6.15E-01	3.25E+00	7.69E-01	1.16E+00	2.19E-01	5.20E-01	8.87E-02	9.44E+00	2.09E+00	2.05E+00	4.84E-01	9.77E-01	1.50E-01	0.00E+00	0.00E+00
3.32E+00	6.55E-01	2.79E+00	6.59E-01	1.19E+00	2.23E-01	6.47E-01	1.02E-01	8.47E+00	1.47E+00	2.14E+00	4.93E-01	1.25E+00	1.86E-01	0.00E+00	0.00E+00
2.55E+00	6.15E-01	2.94E+00	4.69E-01	1.00E+00	1.48E-01	4.56E-01	1.06E-01	9.04E+00	1.23E+00	1.75E+00	4.26E-01	9.15E-01	2.06E-01	0.00E+00	0.00E+00
2.62E+00	4.61E-01	2.17E+00	4.28E-01	7.93E-01	1.52E-01	4.91E-01	7.43E-02	5.65E+00	1.08E+00	1.86E+00	3.53E-01	9.35E-01	1.55E-01	0.00E+00	0.00E+00
2.62E+00	4.18E-01	2.16E+00	4.96E-01	9.69E-01	1.57E-01	4.77E-01	7.58E-02	5.70E+00	9.64E-01	1.68E+00	3.19E-01	9.35E-01	1.50E-01	0.00E+00	0.00E+00
2.52E+00	6.88E-01	2.76E+00	6.02E-01	1.07E+00	1.77E-01	4.68E-01	1.17E-01	1.15E+01	1.72E+00	1.80E+00	4.80E-01	9.85E-01	2.10E-01	0.00E+00	0.00E+00
3.01E+00	6.00E-01	2.83E+00	5.70E-01	1.07E+00	2.13E-01	5.16E-01	1.08E-01	9.12E+00	1.43E+00	2.10E+00	4.14E-01	9.79E-01	2.21E-01	0.00E+00	0.00E+00
2.61E+00	5.77E-01	2.40E+00	8.26E-01	6.55E-01	2.53E-01	5.00E-01	7.28E-02	5.80E+00	1.87E+00	1.76E+00	4.99E-01	1.00E+00	1.09E-01	0.00E+00	0.00E+00
1.79E+00	8.04E-01	2.38E+00	9.69E-01	6.69E-01	2.19E-01	3.57E-01	1.11E-01	6.32E+00	1.96E+00	1.41E+00	6.49E-01	6.74E-01	1.90E-01	0.00E+00	0.00E+00
1.90E+00	5.69E-01	2.60E+00	7.00E-01	8.10E-01	1.90E-01	3.74E-01	7.63E-02	6.24E+00	1.80E+00	1.58E+00	4.90E-01	7.15E-01	1.48E-01	0.00E+00	0.00E+00
2.55E+00	4.41E-01	2.42E+00	4.97E-01	7.96E-01	1.21E-01	5.08E-01	6.54E-02	7.55E+00	1.27E+00	1.57E+00	3.39E-01	9.42E-01	1.21E-01	0.00E+00	0.00E+00
1.84E+00	4.56E-01	2.80E+00	5.85E-01	9.61E-01	1.58E-01	3.67E-01	6.21E-02	8.19E+00	1.19E+00	1.60E+00	3.79E-01	7.29E-01	1.03E-01	0.00E+00	0.00E+00
1.76E+00	4.35E-01	2.74E+00	6.10E-01	1.25E+00	1.65E-01	2.78E-01	5.42E-02	7.73E+00	1.41E+00	1.56E+00	3.77E-01	5.53E-01	9.97E-02	0.00E+00	0.00E+00
1.47E+00	4.05E-01	1.95E+00	5.24E-01	5.95E-01	1.30E-01	2.60E-01	5.38E-02	5.01E+00	1.07E+00	1.23E+00	3.40E-01	4.98E-01	9.38E-02	0.00E+00	0.00E+00
1.84E+00	3.54E-01	2.95E+00	4.56E-01	8.32E-01	1.17E-01	2.10E-01	4.86E-02	8.10E+00	8.17E-01	1.78E+00	2.92E-01	3.75E-01	8.49E-02	0.00E+00	0.00E+00
2.58E+00	4.76E-01	4.18E+00	6.30E-01	1.18E+00	1.76E-01	2.75E-01	6.41E-02	1.17E+01	1.23E+00	2.49E+00	3.97E-01	5.33E-01	1.06E-01	0.00E+00	0.00E+00
7.66E+00	4.90E-01	5.45E+00	6.39E-01	9.54E-01	1.75E-01	1.35E+00	6.67E-02	7.64E+00	1.23E+00	4.79E+00	4.10E-01	2.59E+00	1.27E-01	0.00E+00	0.00E+00
3.35E+00	5.62E-01	2.61E+00	7.41E-01	7.60E-01	1.78E-01	5.75E-01	7.36E-02	5.94E+00	1.52E+00	1.91E+00	4.75E-01	1.04E+00	1.28E-01	0.00E+00	0.00E+00
2.41E+00	5.28E-01	2.76E+00	7.49E-01	8.14E-01	1.89E-01	4.81E-01	6.43E-02	6.99E+00	1.72E+00	1.68E+00	4.62E-01	8.80E-01	1.06E-01	0.00E+00	0.00E+00
2.66E+00	3.74E-01	3.10E+00	4.73E-01	9.22E-01	1.41E-01	5.31E-01	5.63E-02	8.50E+00	1.12E+00	1.72E+00	2.89E-01	9.78E-01	1.06E-01	0.00E+00	0.00E+00
4.03E+00	4.75E-01	3.15E+00	6.43E-01	8.32E-01	1.56E-01	7.96E-01	7.27E-02	8.21E+00	1.59E+00	2.45E+00	4.02E-01	1.47E+00	1.38E-01	0.00E+00	0.00E+00
2.31E+00	4.31E-01	3.42E+00	5.30E-01	9.55E-01	1.18E-01	4.60E-01	5.86E-02	9.81E+00	1.17E+00	1.96E+00	3.54E-01	8.21E-01	1.10E-01	0.00E+00	0.00E+00
2.35E+00	3.94E-01	3.20E+00	4.78E-01	8.85E-01	1.35E-01	4.62E-01	5.62E-02	8.93E+00	1.30E+00	2.05E+00	3.21E-01	8.71E-01	1.01E-01	0.00E+00	0.00E+00
2.37E+00	4.84E-01	2.84E+00	6.53E-01	9.01E-01	1.46E-01	4.20E-01	5.98E-02	7.91E+00	1.53E+00	1.83E+00	4.11E-01	7.40E-01	9.87E-02	0.00E+00	0.00E+00
2.50E+00	4.73E-01	4.07E+00	7.08E-01	9.96E-01	1.68E-01	4.24E-01	5.43E-02	1.14E+01	1.79E+00	2.33E+00	4.19E-01	7.83E-01	1.04E-01	0.00E+00	0.00E+00
2.75E+00	3.90E-01	4.26E+00	4.94E-01	1.13E+00	1.12E-01	5.06E-01	5.23E-02	1.16E+01	1.13E+00	2.52E+00	3.24E-01	9.20E-01	9.52E-02	0.00E+00	0.00E+00
3.12E+00	3.75E-01	4.89E+00	5.13E-01	1.33E+00	1.34E-01	3.38E-01	5.73E-02	1.31E+01	1.40E+00	2.86E+00	2.86E-01	6.34E-01	1.13E-01	0.00E+00	0.00E+00
3.07E+00	3.99E-01	4.17E+00	5.18E-01	1.16E+00	1.05E-01	4.05E-01	4.88E-02	1.10E+01	1.28E+00	2.55E+00	3.38E-01	6.77E-01	8.90E-02	0.00E+00	0.00E+00
2.60E+00	2.93E-01	3.55E+00	4.57E-01	8.31E-01	1.33E-01	3.43E-01	4.26E-02	8.57E+00	1.22E+00	2.21E+00	2.70E-01	6.18E-01	8.44E-02	0.00E+00	0.00E+00
2.03E+00	3.19E-01	3.05E+00	5.01E-01	8.20E-01	1.46E-01	2.91E-01	3.67E-02	8.75E+00	1.36E+00	1.78E+00	2.95E-01	5.53E-01	6.56E-02	0.00E+00	0.00E+00
1.98E+00	3.28E-01	2.61E+00	4.93E-01	6.01E-01	1.24E-01	2.49E-01	4.53E-02	7.17E+00	1.28E+00	1.66E+00	2.96E-01	4.63E-01	8.38E-02	0.00E+00	0.00E+00
1.40E+00	2.85E-01	1.98E+00	4.02E-01	4.98E-01	9.64E-02	2.15E-01	3.67E-02	6.04E+00	1.01E+00	1.23E+00	2.52E-01	4.07E-01	6.84E-02	0.00E+00	0.00E+00
1.48E+00	2.80E-01	1.68E+00	3.92E-01	4.70E-01	1.01E-01	2.58E-01	3.89E-02	5.62E+00	1.05E+00	1.10E+00	2.32E-01	4.82E-01	6.79E-02	0.00E+00	0.00E+00
1.41E+00	2.65E-01	1.95E+00	3.98E-01	4.89E-01	1.01E-01	2.48E-01	3.76E-02	4.84E+00	1.05E+00	1.22E+00	2.40E-01	4.60E-01	6.55E-02	0.00E+00	0.00E+00
1.30E+00	2.39E-01	1.89E+00	3.48E-01	4.10E-01	8.71E-02	2.10E-01	2.76E-02	4.65E+00	8.99E-01	1.15E+00	2.14E-01	3.78E-01	4.82E-02	0.00E+00	0.00E+00
1.29E+00	1.99E-01	1.47E+00	2.82E-01	4.09E-01	6.98E-02	1.76E-01	2.36E-02	3.84E+00	7.15E-01	1.04E+00	1.76E-01	3.59E-01	3.78E-02	0.00E+00	0.00E+00
1.09E+00	1.51E-01	1.46E+00	2.07E-01	3.69E-01	5.08E-02	1.63E-01	1.84E-02	3.84E+00	5.16E-01	9.26E-01	1.32E-01	3.38E-01	2.98E-02	0.00E+00	0.00E+00
1.29E+00	1.32E-01	1.60E+00	1.89E-01	3.89E-01	6.62E-02	1.76E-01	1.66E-02	3.80E+00	5.24E-01	1.06E+00	1.15E-01	3.00E-01	2.87E-02	0.00E+00	0.00E+00
1.35E+00	1.61E-01	1.60E+00	2.52E-01	3.86E-01	7.78E-02	1.93E-01	2.41E-02	3.61E+00	7.23E-01	1.09E+00	1.40E-01	3.35E-01	4.36E-02	0.00E+00	0.00E+00

Scenario 4 Results

1.28E+00	1.81E-01	1.45E+00	2.95E-01	3.58E-01	7.95E-02	1.88E-01	2.83E-02	3.35E+00	8.61E-01	1.02E+00	1.69E-01	3.32E-01	5.19E-02	0.00E+00	0.00E+00
1.35E+00	2.14E-01	1.46E+00	3.39E-01	3.76E-01	7.95E-02	2.06E-01	3.40E-02	3.57E+00	9.93E-01	1.06E+00	2.01E-01	3.78E-01	6.27E-02	0.00E+00	0.00E+00
2.71E+00	3.10E-01	3.11E+00	4.13E-01	7.85E-01	8.50E-02	3.95E-01	4.94E-02	5.95E+00	1.21E+00	2.19E+00	2.52E-01	6.92E-01	9.02E-02	0.00E+00	0.00E+00
2.39E+00	3.79E-01	4.19E+00	5.98E-01	1.22E+00	1.75E-01	3.55E-01	5.00E-02	1.24E+01	1.67E+00	2.34E+00	3.46E-01	6.84E-01	9.27E-02	0.00E+00	0.00E+00
2.73E+00	4.71E-01	4.52E+00	6.32E-01	1.25E+00	1.79E-01	3.78E-01	6.28E-02	1.31E+01	1.69E+00	2.61E+00	3.89E-01	7.41E-01	1.04E-01	0.00E+00	0.00E+00
2.76E+00	5.27E-01	4.69E+00	6.87E-01	1.45E+00	1.92E-01	3.75E-01	6.76E-02	1.54E+01	1.67E+00	2.53E+00	4.49E-01	7.25E-01	1.10E-01	0.00E+00	0.00E+00
2.72E+00	4.73E-01	3.90E+00	5.97E-01	1.15E+00	1.56E-01	4.32E-01	6.17E-02	1.25E+01	1.40E+00	2.11E+00	4.04E-01	8.05E-01	1.08E-01	0.00E+00	0.00E+00
2.36E+00	4.16E-01	3.03E+00	5.03E-01	1.03E+00	1.62E-01	4.10E-01	5.81E-02	1.06E+01	1.41E+00	1.84E+00	3.43E-01	8.13E-01	1.10E-01	0.00E+00	0.00E+00
2.71E+00	4.90E-01	4.51E+00	6.26E-01	1.54E+00	2.07E-01	4.57E-01	7.32E-02	1.44E+01	1.86E+00	2.34E+00	3.88E-01	9.07E-01	1.38E-01	0.00E+00	0.00E+00
3.24E+00	6.60E-01	5.09E+00	9.50E-01	1.74E+00	2.98E-01	5.36E-01	9.82E-02	1.66E+01	2.82E+00	2.80E+00	5.28E-01	1.03E+00	1.83E-01	0.00E+00	0.00E+00
3.01E+00	6.18E-01	4.60E+00	8.99E-01	1.44E+00	2.46E-01	5.10E-01	9.26E-02	1.46E+01	2.54E+00	2.51E+00	5.19E-01	9.98E-01	1.70E-01	0.00E+00	0.00E+00
2.84E+00	6.67E-01	3.79E+00	8.59E-01	1.41E+00	2.73E-01	4.73E-01	9.73E-02	1.20E+01	2.27E+00	2.12E+00	5.22E-01	9.24E-01	1.70E-01	0.00E+00	0.00E+00
3.12E+00	6.15E-01	3.24E+00	5.81E-01	1.22E+00	2.05E-01	6.16E-01	1.06E-01	1.08E+01	1.23E+00	2.00E+00	4.59E-01	1.19E+00	2.04E-01	0.00E+00	0.00E+00
2.64E+00	6.11E-01	2.61E+00	4.85E-01	1.00E+00	1.32E-01	4.76E-01	1.04E-01	7.25E+00	1.20E+00	1.77E+00	4.25E-01	9.05E-01	2.02E-01	0.00E+00	0.00E+00
2.22E+00	3.73E-01	1.95E+00	3.67E-01	5.93E-01	1.45E-01	4.31E-01	6.01E-02	5.57E+00	8.82E-01	1.59E+00	2.97E-01	8.24E-01	1.24E-01	0.00E+00	0.00E+00
2.46E+00	4.25E-01	2.11E+00	4.99E-01	9.69E-01	1.55E-01	4.49E-01	6.89E-02	4.92E+00	9.25E-01	1.58E+00	3.23E-01	8.81E-01	1.37E-01	0.00E+00	0.00E+00
1.73E+00	5.14E-01	1.98E+00	4.36E-01	6.89E-01	1.30E-01	3.18E-01	8.80E-02	8.03E+00	1.32E+00	1.31E+00	3.57E-01	6.57E-01	1.61E-01	0.00E+00	0.00E+00
2.64E+00	5.34E-01	2.71E+00	5.32E-01	9.81E-01	1.99E-01	4.58E-01	9.62E-02	8.51E+00	1.36E+00	1.85E+00	3.69E-01	8.66E-01	1.96E-01	0.00E+00	0.00E+00
3.11E+00	5.42E-01	2.75E+00	8.16E-01	1.06E+00	2.65E-01	5.75E-01	6.90E-02	7.06E+00	1.92E+00	2.16E+00	4.78E-01	1.16E+00	1.50E-01	0.00E+00	0.00E+00
2.50E+00	8.19E-01	2.24E+00	1.00E+00	8.22E-01	2.43E-01	5.00E-01	1.13E-01	7.34E+00	2.00E+00	1.57E+00	6.59E-01	9.45E-01	1.89E-01	0.00E+00	0.00E+00
2.66E+00	7.24E-01	2.43E+00	7.99E-01	8.40E-01	2.02E-01	4.95E-01	1.05E-01	6.39E+00	1.67E+00	1.61E+00	5.83E-01	9.18E-01	2.00E-01	0.00E+00	0.00E+00
3.03E+00	5.78E-01	2.30E+00	6.81E-01	8.00E-01	1.60E-01	5.24E-01	8.41E-02	7.79E+00	1.41E+00	1.82E+00	4.51E-01	1.01E+00	1.48E-01	0.00E+00	0.00E+00
2.23E+00	5.08E-01	2.25E+00	4.82E-01	8.22E-01	1.38E-01	4.43E-01	8.66E-02	6.45E+00	1.00E+00	1.38E+00	3.41E-01	8.13E-01	1.63E-01	0.00E+00	0.00E+00
1.58E+00	4.29E-01	2.72E+00	5.32E-01	1.10E+00	1.37E-01	3.13E-01	5.92E-02	7.83E+00	1.18E+00	1.54E+00	3.54E-01	5.72E-01	1.06E-01	0.00E+00	0.00E+00
1.71E+00	4.34E-01	2.33E+00	5.92E-01	1.12E+00	1.56E-01	3.38E-01	5.53E-02	6.34E+00	1.33E+00	1.42E+00	3.72E-01	6.34E-01	9.04E-02	0.00E+00	0.00E+00
1.56E+00	3.57E-01	2.31E+00	4.26E-01	7.09E-01	1.18E-01	2.99E-01	5.03E-02	7.18E+00	8.44E-01	1.28E+00	2.91E-01	5.98E-01	8.78E-02	0.00E+00	0.00E+00
1.74E+00	3.01E-01	2.81E+00	3.88E-01	7.92E-01	1.07E-01	2.13E-01	4.09E-02	7.82E+00	7.17E-01	1.71E+00	2.50E-01	3.98E-01	7.16E-02	0.00E+00	0.00E+00
2.31E+00	4.66E-01	3.78E+00	6.14E-01	1.10E+00	1.67E-01	3.29E-01	6.25E-02	1.05E+01	1.22E+00	2.26E+00	3.90E-01	6.35E-01	1.04E-01	0.00E+00	0.00E+00
3.35E+00	4.45E-01	2.84E+00	5.87E-01	8.92E-01	1.62E-01	5.87E-01	6.01E-02	6.75E+00	1.16E+00	2.13E+00	3.74E-01	1.15E+00	1.01E-01	0.00E+00	0.00E+00
2.23E+00	5.11E-01	2.06E+00	6.85E-01	6.67E-01	1.72E-01	3.83E-01	6.62E-02	5.20E+00	1.43E+00	1.33E+00	4.35E-01	7.17E-01	1.13E-01	0.00E+00	0.00E+00
1.91E+00	4.66E-01	2.40E+00	6.74E-01	6.89E-01	1.79E-01	3.81E-01	5.62E-02	6.21E+00	1.56E+00	1.46E+00	4.10E-01	6.98E-01	9.03E-02	0.00E+00	0.00E+00
1.98E+00	3.44E-01	2.53E+00	4.22E-01	7.90E-01	1.00E-01	3.96E-01	5.17E-02	7.10E+00	1.11E+00	1.38E+00	2.70E-01	7.27E-01	9.39E-02	0.00E+00	0.00E+00
3.56E+00	4.13E-01	2.82E+00	6.09E-01	7.57E-01	1.54E-01	6.78E-01	5.43E-02	7.46E+00	1.51E+00	2.40E+00	3.71E-01	1.26E+00	1.02E-01	0.00E+00	0.00E+00
1.94E+00	4.16E-01	3.02E+00	5.60E-01	8.82E-01	1.23E-01	3.78E-01	6.03E-02	8.63E+00	1.32E+00	1.74E+00	3.58E-01	7.69E-01	1.19E-01	0.00E+00	0.00E+00
2.49E+00	3.81E-01	3.02E+00	4.80E-01	7.62E-01	1.19E-01	4.98E-01	5.25E-02	8.40E+00	1.01E+00	1.75E+00	3.14E-01	8.82E-01	9.26E-02	0.00E+00	0.00E+00
2.55E+00	3.67E-01	3.79E+00	5.93E-01	8.83E-01	1.68E-01	5.06E-01	5.05E-02	9.98E+00	1.53E+00	2.28E+00	3.30E-01	9.31E-01	8.96E-02	0.00E+00	0.00E+00
2.12E+00	4.72E-01	2.93E+00	5.63E-01	8.61E-01	1.45E-01	4.20E-01	6.35E-02	8.29E+00	1.28E+00	1.64E+00	3.86E-01	7.58E-01	1.11E-01	0.00E+00	0.00E+00
2.68E+00	5.19E-01	4.11E+00	7.54E-01	9.33E-01	1.70E-01	4.25E-01	5.90E-02	1.14E+01	1.94E+00	2.44E+00	4.57E-01	8.03E-01	9.39E-02	0.00E+00	0.00E+00
2.64E+00	4.10E-01	4.07E+00	4.93E-01	1.08E+00	1.01E-01	4.72E-01	5.48E-02	1.11E+01	1.12E+00	2.41E+00	3.31E-01	8.78E-01	9.98E-02	0.00E+00	0.00E+00
2.96E+00	3.74E-01	4.60E+00	5.45E-01	1.25E+00	1.39E-01	3.38E-01	5.64E-02	1.24E+01	1.51E+00	2.70E+00	3.07E-01	6.28E-01	1.11E-01	0.00E+00	0.00E+00
2.94E+00	3.63E-01	4.07E+00	4.72E-01	1.11E+00	1.03E-01	3.84E-01	4.54E-02	1.09E+01	1.16E+00	2.45E+00	3.08E-01	6.31E-01	8.14E-02	0.00E+00	0.00E+00
2.70E+00	3.16E-01	3.88E+00	4.20E-01	1.00E+00	1.19E-01	3.38E-01	4.51E-02	9.70E+00	1.12E+00	2.35E+00	2.62E-01	6.08E-01	8.63E-02	0.00E+00	0.00E+00
2.38E+00	3.17E-01	3.16E+00	5.03E-01	8.64E-01	1.46E-01	3.20E-01	3.42E-02	8.67E+00	1.37E+00	1.96E+00	2.95E-01	5.76E-01	7.03E-02	0.00E+00	0.00E+00
2.26E+00	3.30E-01	3.41E+00	5.20E-01	7.44E-01	1.36E-01	2.93E-01	4.55E-02	9.40E+00	1.50E+00	2.04E+00	3.10E-01	5.71E-01	8.22E-02	0.00E+00	0.00E+00
2.14E+00	3.59E-01	2.93E+00	4.14E-01	6.81E-01	1.02E-01	3.23E-01	5.40E-02	8.27E+00	1.13E+00	1.73E+00	2.82E-01	5.90E-01	9.94E-02	0.00E+00	0.00E+00
2.37E+00	3.07E-01	3.13E+00	4.02E-01	6.73E-01	9.23E-02	3.12E-01	4.47E-02	8.22E+00	9.54E-01	2.04E+00	2.62E-01	6.07E-01	8.47E-02	0.00E+00	0.00E+00
1.82E+00	3.08E-01	2.53E+00	3.76E-01	6.18E-01	9.64E-02	3.13E-01	4.30E-02	6.48E+00	1.01E+00	1.50E+00	2.44E-01	5.93E-01	7.66E-02	0.00E+00	0.00E+00
1.61E+00	2.67E-01	2.29E+00	3.51E-01	6.05E-01	8.89E-02	2.90E-01	3.84E-02	6.32E+00	9.24E-01	1.39E+00	2.13E-01	5.34E-01	6.77E-02	0.00E+00	0.00E+00
1.25E+00	2.01E-01	1.77E+00	2.91E-01	3.83E-01	7.30E-02	1.98E-01	2.68E-02	4.41E+00	7.51E-01	1.09E+00	1.79E-01	3.59E-01	4.67E-02	0.00E+00	0.00E+00
1.27E+00	1.70E-01	1.45E+00	2.37E-01	3.83E-01	5.89E-02	1.90E-01	2.32E-02	3.68E+00	6.02E-01	1.02E+00	1.48E-01	3.42E-01	4.08E-02	0.00E+00	0.00E+00
9.70E-01	1.43E-01	1.26E+00	1.78E-01	3.53E-01	4.57E-02	1.42E-01	1.87E-02	3.42E+00	4.43E-01	7.83E-01	1.24E-01	2.97E-01	3.35E-02	0.00E+00	0.00E+00
1.08E+00	1.30E-01	1.36E+00	1.80E-01	3.21E-01	5.90E-02	1.47E-01	1.58E-02	3.24E+00	4.53E-01	8.96E-01	1.13E-01	2.59E-01	2.80E-02	0.00E+00	0.00E+00
1.19E+00	1.63E-01	1.40E+00	2.28E-01	3.30E-01	7.31E-02	1.68E-01	2.43E-02	3.29E+00	6.49E-01	9.57E-01	1.29E-01	2.93E-01	4.42E-02	0.00E+00	0.00E+00
1.75E+00	3.01E-01	2.07E+00	3.36E-01	6.51E-01	9.57E-02	2.60E-01	4.82E-02	6.33E+00	9.80E-01	1.44E+00	2.27E-01	4.97E-01	8.90E-02	0.00E+00	0.00E+00
2.32E+00	4.51E-01	3.89E+00	5.81E-01	1.23E+00	1.63E-01	3.29E-01	5.86E-02	1.27E+01	1.38E+00	2.10E+00	3.82E-01	6.43E-01	9.59E-02	0.00E+00	0.00E+00
2.20E+00	3.93E-01	2.90E+00	4.78E-01	8.37E-01	1.22E-01	3.60E-01	5.33E-02	9.06E+00	1.06E+00	1.61E+00	3.31E-01	6.78E-01	9.41E-02	0.00E+00	0.00E+00
2.14E+00	3.73E-01	2.65E+00	4.43E-01	1.00E+00	1.50E-01	3.65E-01	5.10E-02	9.48E+00	1.27E+00	1.66E+00	3.14E-01	7.23E-01	9.56E-02	0.00E+00	0.00E+00
2.08E+00	3.65E-01	3.25E+00	4.91E-01	1.15E+00	1.52E-01	3.91E-01	5.49E-02	1.01E+01	1.44E+00	1.75E+00	2.89E-01	7.75E-01	1.04E-01	0.00E+00	0.00E+00
2.52E+00	5.15E-01	3.82E+00	6.60E-01	1.30E+00	2.08E-01	4.53E-01	7.84E-02	1.21E+01	1.88E+00	2.11E+00	3.97E-01	8.92E-01	1.50E-01	0.00E+00	0.00E+00
2.80E+00	5.89E-01	4.76E+00	8.77E-01	1.53E+00	2.53E-01	4.66E-01	8.84E-02	1.54E+01	2.58E+00	2.50E+00	4.94E-01	8.76E-01	1.64E-01	0.00E+00	0.00E+00
2.87E+00	6.37E-01	4.99E+00	9.45E-01	1.58E+00	2.63E-01	4.61E-01	8.38E-02	1.64E+01	2.90E+00	2.71E+00	5.30E-01	8.67E-01	1.39E-01	0.00E+00	0.00E+00
2.90E+00	6.67E-01	5.44E+00	9.75E-01	1.88E+00	3.21E-01	4.73E-01	9.57E-02	1.73E+01	2.63E+00	2.81E+00	5.42E-01	9.20E-01	1.69E-01	0.00E+00	0.00E+00
3.31E+00	6.66E-01	4.88E+00	6.10E-01	1.59E+00	2.28E-01	5.41E-01	1.14E-01	1.64E+01	1.46E+00	2.71E+00	4.71E-01	1.04E+00	2.20E-01	0.00E+00	0.00E+00
3.39E+00	6.60E-01	3.24E+00	5.45E-01	1.44E+00	2.03E-01	5.82E-01	1.11E-01	9.73E+00	1.28E+00	2.46E+00	4.61E-01	1.07E+00	2.16E-01	0.00E+00	0.00E+00
2.59E+00	4.27E-01	2.76E+00	4.94E-01	9.94E-01	2.06E-01	5.17E-01	7.50E-02	8.57E+00	1.29E+00	1.89E+00	3.06E-01	1.02E+00	1.47E-01	0.00E+00	0.00E+00
2.40E+00	4.51E-01	2.16E+00	5.30E-01	9.80E-01	1.62E-01	4.38E-01	6.92E-02	5.41E+00	9.29E-01	1.54E+00	3.44E-01	8.64E-01	1.30E-01	0.00E+00	0.00E+00
1.91E+00	5.54E-01	2.34E+00	4.78E-01	7.67E-01	1.38E-01	3.38E-01	9.39E-02	1.00E+01	1.48E+00	1.53E+00	3.88E-01	6.79E-01	1.72E-01	0.00E+00	0.00E+00
2.49E+00	5.18E-01	2.89E+00	5.35E-01	1.01E+00	2.01E-01	4.33E-01	9.32E-02	9.14E+00	1.40E+00	1.80E+00	3.58E-01	8.14E-01	1.90E-01	0.00E+00	0.00E+00
2.42E+00	4.30E-01	1.96E+00	6.54E-01	8.04E-01	2.10E-01	4.48E-01	5.77E-02	4.78E+00	1.57E+00	1.67E+00	3.83E-01	8.97E-01	1.25E-01	0.00E+00	0.00E+00
2.51E+00	7.14E-01	2.50E+00	9.39E-01	8.99E-01	2.52E-01	5.02E-01	9.50E-02	7.64E+00	1.96E+00	1.95E+00	5.91E-01	9.64E-01	1.52E-01	0.00E+00	0.00E+00
3.23E+00	8.93E-01	3.23E+00	9.24E-01	1.15E+00	2.16E-01	6.16E-01	1.34E-01	9.75E+00	2.27E+00	1.97E+00	6.83E-01	1.15E+00	2.47E-01	0.00E+00	0.00E+00
3.01E+00	6.16E-01	2.17E+00	7.64E-01	9.75E-01	2.26E-01	5.49E-01	8.95E-02	8.06E+00	1.43E+00	1.94E+00	4.99E-01	1.07E+00	1.70E-01	0.00E+00	0.00E+00
2.81E+00	5.16E-01	2.41E+00	5.71E-01	7.28E-01	1.20E-01	5.61E-01	7.69E-02	7.68E+00	1.02E+00	1.70E+00	3.90E-01	1.04E+00	1.39E-01	0.00E+00	0.00E+00
2.11E+00	4.50E-01	2.67E+00	5.88E-01	1.17E+00	1.60E-01	4.07E-01	7.72E-02	7.94E+00	1.25E+00	1.50E+00	3.77E-01	8.23E-01	1.48E-01	0.00E+00	0.00E+00
1.76E+00	3.94E-01	2.66E+00	5.45E-01	1.36E+00	1.49E-01	3.44E-01	5.61E-02	7.15E+00	1.29E+00	1.51E+00	3.35E-01	6.93E-01	1.03E-01	0.00E+00	0.00E+00
1.72E+00	3.99E-01	2.08E+00	5.33E-01	5.60E-01	1.37E-01	3.40E-01	5.16E-02	6.01E+00	1.16E+00	1.22E+00	3.39E-01	6.37E-01	8.64E-02	0.00E+00	0.00E+00
1.93E+00	3.43E-01	2.13E+00	4.04E-01	7.99E-01	1.18E-01	3.61E-01	5.00E-02	4.46E+00	7.69E-01	1.29E+00	2.74E-01	7.03E-01	9.03E-02	0.00E+00	0.00E+00
1.63E+00	2.75E-01	2.67E+00	3.88E-01	7.88E-01	1.24E-01	2.64E-01	3.59E-02	7.53E+00	8.12E-01	1.63E+00	2.34E-01	4.89E-01	5.92E-02	0.00E+00	0.00E+00
2.08E+00	4.59E-01	3.45E+00	6.01E-01	1.02E+00	1.60E-01	3.68E-01	6.15E-02	9.62E+00	1.21E+00	2.06E+00	3.84E-01	7.13E-01	1.03E-01	0.00E+00	0.00E+00
1.88E+00	4.37E-01	2.58E+00	5.81E-01	8.46E-01	1.62E-01	3.60E-01	5.84E-02	6.12E+00	1.18E+00	1.56E+00	3.70E-01	7.27E-01	9.75E-02	0.00E+00	0.00E+00
1.71E+00	5.00E-01	2.05E+00	6.84E-01	6.31E-01	1.78E-01	2.93E-01	6.38E-02	4.63E+00	1.48E+00	1.27E+00	4.29E-01	5.26E-01	1.06E-01	0.00E+00	0.00E+00
1.52E+00	4.09E-01	2.14E+00	6.02E-01	7.23E-01	1.66E-01	2.92E-01	4.91E-02	5.48E+00	1.41E+00	1.30E+00	3.62E-01	5.37E-01	8.22E-02	0.00E+00	0.00E+00
1.46E+00	3.43E-01	2.72E+00	4.70E-01	6.81E-01	1.06E-01	2.92E-01	4.66E-02	5.96E+00	1.13E+00	1.26E+00	3.00E-01	5.38E-01	8.66E-02	0.00E+00	0.00E+00
2.30E+00	3.37E-01	2.32E+00	5.10E-01	6.58E-01	1.37E-01	4.00E-01	4.27E-02	6.19E+00	1.26E+00	1.71E+00	3.05E-01	8.11E-01	8.43E-02	0.00E+00	0.00E+00
2.85E+00	3.73E-01	2.50E+00	5.00E-01	7.55E-01	1.19E-01	5.60E-01	5.91E-02	7.11E+00	1.18E+00	1.82E+00	3.10E-01	1.09E+00	1.14E-01	0.00E+00	0.00E+00
1.81E+00	3.51E-01	2.50E+00	4.21E-01	7.29E-01	1.02E-01	3.60E-01	4.66E-02	7.00E+00	9.39E-01	1.48E+00	2.88E-01	6.48E-01	8.51E-02	0.00E+00	0.00E+00
2.00E+00	3.49E-01	2.76E+00	4.34E-01	8.00E-01	1.16E-01	3.96E-01	4.83E-02	8.04E+00	1.11E+00	1.72E+00	2.88E-01	7.30E-01	8.50E-02	0.00E+00	0.00E+00
2.55E+00	4.28E-01	3.45E+00	6.44E-01	7.69E-01	1.57E-01	4.03E-01	4.79E-02	8.94E+00	1.64E+00	2.20E+00	3.82E-01	7.63E-01	9.11E-02	0.00E+00	0.00E+00
2.11E+00	4.07E-01	3.44E+00	6.06E-01	9.92E-01	1.77E-01	4.00E-01	5.73E-02	9.39E+00	1.58E+00	1.96E+00	3.41E-01	7.38E-01	1.04E-01	0.00E+00	0.00E+00
2.57E+00	5.04E-01	3.76E+00	7.15E-01	8.18E-01	1.57E-01	3.96E-01	5.82E-02	1.02E+01	1.84E+00	2.29E+00	4.42E-01	7.76E-01	9.38E-02	0.00E+00	0.00E+00
2.40E+00	4.09E-01	3.83E+00	4.89E-01	9.48E-01	1.08E-01	4.44E-01	5.45E-02	1.06E+01	1.12E+00	2.22E+00	3.31E-01	8.47E-01	9.96E-02	0.00E+00	0.00E+00
2.71E+00	3.55E-01	4.09E+00	5.32E-01	1.13E+00	1.32E-01	3.46E-01	5.33E-02	1.14E+01	1.49E+00	2.41E+00	3.03E-01	6.37E-01	1.04E-01	0.00E+00	0.00E+00
3.05E+00	3.63E-01	4.16E+00	4.91E-01	1.08E+00	1.11E-01	3.88E-01	4.69E-02	1.09E+01	1.20E+00	2.59E+00	3.12E-01	6.54E-01	8.26E-02	0.00E+00	0.00E+00
3.05E+00	3.61E-01	4.55E+00	4.43E-01	1.23E+00	1.08E-01	3.60E-01	5.02E-02	1.08E+01	1.00E+00	2.72E+00	3.00E-01	6.42E-01	9.27E-02	0.00E+00	0.00E+00
3.50E+00	3.66E-01	4.85E+00	5.81E-01	1.13E+00	1.70E-01	4.52E-01	4.40E-02	1.21E+01	1.57E+00	3.06E+00	3.39E-01	8.40E-01	8.72E-02	0.00E+00	0.00E+00

Scenario 4 Results

2.81E+00	4.37E-01	4.66E+00	7.09E-01	1.12E+00	1.97E-01	3.88E-01	5.24E-02	1.36E+01	2.04E+00	2.67E+00	4.12E-01	7.09E-01	9.14E-02	0.00E+00	0.00E+00
2.59E+00	4.32E-01	3.34E+00	5.30E-01	8.25E-01	1.29E-01	3.69E-01	6.16E-02	1.04E+01	1.58E+00	2.11E+00	3.52E-01	6.65E-01	1.11E-01	0.00E+00	0.00E+00
2.37E+00	3.35E-01	3.53E+00	4.27E-01	6.96E-01	9.25E-02	2.91E-01	5.09E-02	1.00E+01	1.18E+00	2.16E+00	2.77E-01	5.44E-01	9.28E-02	0.00E+00	0.00E+00
2.43E+00	2.99E-01	3.01E+00	3.96E-01	7.44E-01	8.79E-02	3.24E-01	4.57E-02	7.71E+00	9.18E-01	2.04E+00	2.58E-01	6.35E-01	8.84E-02	0.00E+00	0.00E+00
1.67E+00	2.65E-01	2.46E+00	3.32E-01	5.65E-01	8.47E-02	2.59E-01	3.59E-02	6.32E+00	8.84E-01	1.49E+00	2.15E-01	5.03E-01	6.44E-02	0.00E+00	0.00E+00
1.17E+00	1.96E-01	1.62E+00	2.86E-01	4.16E-01	7.23E-02	2.07E-01	2.69E-02	4.41E+00	7.48E-01	9.20E-01	1.75E-01	3.85E-01	4.73E-02	0.00E+00	0.00E+00
1.27E+00	1.93E-01	1.78E+00	2.48E-01	3.69E-01	6.23E-02	2.00E-01	2.68E-02	4.50E+00	6.40E-01	1.11E+00	1.53E-01	3.72E-01	4.69E-02	0.00E+00	0.00E+00
1.17E+00	1.73E-01	1.36E+00	2.00E-01	3.67E-01	4.97E-02	1.89E-01	2.40E-02	3.52E+00	5.07E-01	9.49E-01	1.39E-01	3.43E-01	4.19E-02	0.00E+00	0.00E+00
1.04E+00	1.60E-01	1.22E+00	1.88E-01	3.49E-01	4.51E-02	1.86E-01	2.20E-02	3.30E+00	4.53E-01	8.22E-01	1.32E-01	3.39E-01	3.88E-02	0.00E+00	0.00E+00
1.35E+00	2.09E-01	2.01E+00	2.97E-01	5.39E-01	6.60E-02	2.12E-01	2.43E-02	5.67E+00	7.40E-01	1.13E+00	1.85E-01	3.95E-01	4.38E-02	0.00E+00	0.00E+00
1.93E+00	3.36E-01	2.48E+00	4.09E-01	9.63E-01	1.38E-01	3.24E-01	4.51E-02	8.34E+00	1.20E+00	1.46E+00	2.86E-01	6.40E-01	8.39E-02	0.00E+00	0.00E+00
1.75E+00	2.98E-01	2.45E+00	3.96E-01	8.62E-01	1.24E-01	3.25E-01	4.46E-02	8.13E+00	1.14E+00	1.45E+00	2.39E-01	6.46E-01	8.81E-02	0.00E+00	0.00E+00
1.98E+00	3.57E-01	2.66E+00	4.58E-01	9.51E-01	1.47E-01	3.66E-01	5.46E-02	8.21E+00	1.27E+00	1.54E+00	2.78E-01	7.34E-01	1.06E-01	0.00E+00	0.00E+00
2.14E+00	4.43E-01	2.65E+00	5.80E-01	9.61E-01	1.79E-01	4.08E-01	6.82E-02	8.14E+00	1.62E+00	1.60E+00	3.36E-01	7.84E-01	1.29E-01	0.00E+00	0.00E+00
2.41E+00	4.90E-01	3.66E+00	7.08E-01	1.17E+00	1.92E-01	4.10E-01	7.15E-02	1.16E+01	2.00E+00	2.05E+00	4.10E-01	8.06E-01	1.31E-01	0.00E+00	0.00E+00
2.53E+00	5.81E-01	4.11E+00	8.53E-01	1.46E+00	2.67E-01	3.89E-01	8.18E-02	1.29E+01	2.41E+00	2.15E+00	4.74E-01	7.25E-01	1.42E-01	0.00E+00	0.00E+00
3.02E+00	5.72E-01	4.87E+00	7.91E-01	1.74E+00	2.74E-01	4.43E-01	8.56E-02	1.53E+01	2.01E+00	2.54E+00	4.47E-01	8.96E-01	1.57E-01	0.00E+00	0.00E+00
2.91E+00	6.37E-01	4.59E+00	5.01E-01	1.58E+00	1.79E-01	4.70E-01	1.08E-01	1.46E+01	1.30E+00	2.42E+00	4.45E-01	8.94E-01	2.09E-01	0.00E+00	0.00E+00
3.70E+00	5.75E-01	4.23E+00	8.30E-01	1.80E+00	3.04E-01	5.70E-01	9.36E-02	1.33E+01	2.48E+00	2.91E+00	4.27E-01	9.86E-01	1.83E-01	0.00E+00	0.00E+00
2.79E+00	4.15E-01	3.04E+00	5.65E-01	1.15E+00	2.17E-01	5.58E-01	7.26E-02	9.15E+00	1.58E+00	1.84E+00	3.07E-01	1.07E+00	1.44E-01	0.00E+00	0.00E+00
2.75E+00	6.47E-01	3.27E+00	8.25E-01	1.32E+00	2.46E-01	5.01E-01	9.20E-02	9.90E+00	1.41E+00	1.96E+00	5.17E-01	9.88E-01	1.47E-01	0.00E+00	0.00E+00
2.01E+00	5.85E-01	2.59E+00	5.13E-01	7.85E-01	1.46E-01	3.56E-01	9.81E-02	1.17E+01	1.63E+00	1.67E+00	4.13E-01	6.92E-01	1.79E-01	0.00E+00	0.00E+00
2.40E+00	5.06E-01	3.08E+00	5.40E-01	1.03E+00	2.03E-01	4.14E-01	9.08E-02	9.96E+00	1.44E+00	1.78E+00	3.50E-01	7.72E-01	1.86E-01	0.00E+00	0.00E+00
2.74E+00	4.10E-01	2.37E+00	6.45E-01	1.13E+00	2.14E-01	4.98E-01	7.05E-02	5.50E+00	1.59E+00	1.91E+00	3.71E-01	9.90E-01	1.51E-01	0.00E+00	0.00E+00
1.91E+00	5.17E-01	1.87E+00	7.24E-01	5.15E-01	2.04E-01	3.57E-01	6.55E-02	4.82E+00	1.61E+00	1.47E+00	4.43E-01	6.78E-01	1.02E-01	0.00E+00	0.00E+00
2.37E+00	7.42E-01	2.74E+00	8.05E-01	7.98E-01	1.53E-01	4.64E-01	1.09E-01	7.87E+00	1.84E+00	1.63E+00	5.72E-01	8.55E-01	1.94E-01	0.00E+00	0.00E+00
2.83E+00	6.03E-01	2.22E+00	6.89E-01	9.05E-01	2.50E-01	5.40E-01	9.92E-02	8.02E+00	1.46E+00	1.70E+00	4.67E-01	9.96E-01	1.95E-01	0.00E+00	0.00E+00
2.61E+00	4.77E-01	2.01E+00	5.61E-01	7.11E-01	1.28E-01	4.74E-01	6.88E-02	4.83E+00	9.95E-01	1.59E+00	3.73E-01	9.26E-01	1.22E-01	0.00E+00	0.00E+00
3.00E+00	6.49E-01	3.73E+00	5.48E-01	1.17E+00	1.54E-01	5.44E-01	1.13E-01	1.04E+01	1.20E+00	2.05E+00	4.24E-01	1.02E+00	2.16E-01	0.00E+00	0.00E+00
2.14E+00	4.52E-01	2.67E+00	5.56E-01	1.25E+00	1.39E-01	4.28E-01	7.12E-02	7.60E+00	1.13E+00	1.33E+00	3.65E-01	7.97E-01	1.32E-01	0.00E+00	0.00E+00
1.59E+00	3.71E-01	2.13E+00	5.17E-01	6.89E-01	1.39E-01	3.08E-01	4.64E-02	6.11E+00	1.20E+00	1.26E+00	3.21E-01	6.08E-01	8.04E-02	0.00E+00	0.00E+00
2.07E+00	3.64E-01	2.39E+00	4.80E-01	7.27E-01	1.21E-01	3.68E-01	4.77E-02	6.62E+00	1.02E+00	1.42E+00	3.08E-01	6.99E-01	8.16E-02	0.00E+00	0.00E+00
2.21E+00	3.43E-01	2.53E+00	4.11E-01	9.43E-01	1.16E-01	4.25E-01	5.18E-02	6.17E+00	8.06E-01	1.47E+00	2.69E-01	8.52E-01	9.63E-02	0.00E+00	0.00E+00
2.31E+00	3.37E-01	2.54E+00	4.79E-01	9.74E-01	1.48E-01	4.03E-01	4.33E-02	7.25E+00	1.04E+00	1.54E+00	2.89E-01	7.38E-01	8.14E-02	0.00E+00	0.00E+00
2.06E+00	4.59E-01	3.16E+00	5.98E-01	9.58E-01	1.56E-01	4.06E-01	6.14E-02	8.83E+00	1.22E+00	1.88E+00	3.85E-01	7.86E-01	1.04E-01	0.00E+00	0.00E+00
2.31E+00	4.22E-01	2.33E+00	5.66E-01	7.92E-01	1.59E-01	4.41E-01	5.66E-02	5.54E+00	1.18E+00	1.57E+00	3.59E-01	8.90E-01	1.10E-01	0.00E+00	0.00E+00
2.33E+00	5.02E-01	2.10E+00	7.03E-01	7.09E-01	1.88E-01	4.09E-01	6.30E-02	5.45E+00	1.57E+00	1.39E+00	4.35E-01	7.51E-01	1.10E-01	0.00E+00	0.00E+00
1.63E+00	4.04E-01	2.11E+00	5.65E-01	8.13E-01	1.65E-01	2.85E-01	5.76E-02	5.25E+00	1.34E+00	1.30E+00	3.46E-01	5.54E-01	1.05E-01	0.00E+00	0.00E+00
1.46E+00	3.51E-01	2.58E+00	4.90E-01	8.45E-01	1.17E-01	1.97E-01	4.36E-02	6.32E+00	1.18E+00	1.23E+00	3.08E-01	3.73E-01	7.91E-02	0.00E+00	0.00E+00
1.53E+00	2.85E-01	2.12E+00	4.03E-01	7.09E-01	1.14E-01	2.28E-01	4.29E-02	5.69E+00	9.91E-01	1.33E+00	2.37E-01	4.95E-01	8.29E-02	0.00E+00	0.00E+00
3.61E+00	3.46E-01	2.07E+00	4.67E-01	6.36E-01	1.16E-01	6.90E-01	5.31E-02	5.81E+00	1.18E+00	2.27E+00	2.90E-01	1.28E+00	1.01E-01	0.00E+00	0.00E+00
1.50E+00	3.25E-01	2.25E+00	4.28E-01	6.77E-01	9.55E-02	2.81E-01	4.60E-02	6.08E+00	1.03E+00	1.33E+00	2.78E-01	5.65E-01	8.59E-02	0.00E+00	0.00E+00
2.21E+00	3.19E-01	2.37E+00	4.06E-01	5.94E-01	1.00E-01	4.40E-01	4.31E-02	7.17E+00	8.12E-01	1.43E+00	2.65E-01	7.79E-01	7.44E-02	0.00E+00	0.00E+00
2.25E+00	3.42E-01	3.52E+00	5.28E-01	9.18E-01	1.52E-01	4.37E-01	4.75E-02	9.49E+00	1.42E+00	2.06E+00	3.04E-01	8.33E-01	8.77E-02	0.00E+00	0.00E+00
2.22E+00	4.42E-01	2.88E+00	6.04E-01	7.83E-01	1.33E-01	3.25E-01	5.33E-02	8.10E+00	1.59E+00	1.88E+00	3.82E-01	6.36E-01	8.97E-02	0.00E+00	0.00E+00
2.31E+00	4.34E-01	3.73E+00	6.89E-01	1.03E+00	1.87E-01	3.82E-01	4.72E-02	1.03E+01	1.82E+00	2.15E+00	3.96E-01	7.18E-01	8.73E-02	0.00E+00	0.00E+00
2.51E+00	4.70E-01	3.43E+00	6.61E-01	8.18E-01	1.43E-01	4.01E-01	5.45E-02	9.03E+00	1.72E+00	2.18E+00	4.12E-01	7.95E-01	9.06E-02	0.00E+00	0.00E+00
2.69E+00	4.21E-01	3.85E+00	5.03E-01	9.94E-01	1.18E-01	4.19E-01	5.65E-02	1.04E+01	1.29E+00	2.37E+00	3.41E-01	8.16E-01	1.04E-01	0.00E+00	0.00E+00
2.95E+00	3.58E-01	4.32E+00	5.52E-01	1.23E+00	1.31E-01	3.55E-01	5.21E-02	1.10E+01	1.56E+00	2.59E+00	3.19E-01	6.32E-01	1.02E-01	0.00E+00	0.00E+00
3.29E+00	3.72E-01	4.64E+00	5.27E-01	1.24E+00	1.24E-01	4.04E-01	4.63E-02	1.10E+01	1.25E+00	2.85E+00	3.28E-01	6.41E-01	7.86E-02	0.00E+00	0.00E+00
3.46E+00	3.78E-01	5.42E+00	4.94E-01	1.56E+00	1.17E-01	3.93E-01	4.98E-02	1.29E+01	1.07E+00	3.14E+00	3.21E-01	6.54E-01	8.76E-02	0.00E+00	0.00E+00
3.65E+00	3.20E-01	5.36E+00	4.96E-01	1.41E+00	1.44E-01	4.70E-01	4.33E-02	1.35E+01	1.30E+00	3.25E+00	2.93E-01	8.53E-01	8.21E-02	0.00E+00	0.00E+00
3.05E+00	3.81E-01	3.95E+00	6.13E-01	1.11E+00	1.80E-01	3.97E-01	4.03E-02	1.17E+01	1.69E+00	2.56E+00	3.55E-01	6.76E-01	6.92E-02	0.00E+00	0.00E+00
3.19E+00	5.45E-01	4.65E+00	7.28E-01	1.14E+00	1.95E-01	4.25E-01	7.29E-02	1.31E+01	2.17E+00	2.84E+00	4.57E-01	7.50E-01	1.28E-01	0.00E+00	0.00E+00
2.85E+00	4.72E-01	4.26E+00	6.10E-01	1.03E+00	1.44E-01	3.93E-01	6.76E-02	1.27E+01	1.87E+00	2.50E+00	3.80E-01	7.14E-01	1.21E-01	0.00E+00	0.00E+00
3.07E+00	3.92E-01	4.41E+00	5.11E-01	9.20E-01	1.10E-01	3.44E-01	4.95E-02	1.27E+01	1.46E+00	2.78E+00	3.37E-01	6.36E-01	9.27E-02	0.00E+00	0.00E+00
1.30E+00	1.85E-01	1.50E+00	2.83E-01	3.96E-01	7.29E-02	1.94E-01	2.63E-02	3.73E+00	7.59E-01	1.06E+00	1.69E-01	3.84E-01	5.16E-02	0.00E+00	0.00E+00
1.01E+00	1.81E-01	1.41E+00	2.71E-01	3.63E-01	6.89E-02	1.59E-01	2.19E-02	3.46E+00	7.16E-01	8.82E-01	1.64E-01	3.16E-01	3.91E-02	0.00E+00	0.00E+00
1.13E+00	1.84E-01	1.69E+00	2.49E-01	4.19E-01	6.28E-02	1.97E-01	2.47E-02	4.65E+00	6.49E-01	9.71E-01	1.52E-01	3.73E-01	4.40E-02	0.00E+00	0.00E+00
1.32E+00	1.92E-01	1.85E+00	2.20E-01	3.63E-01	5.39E-02	2.22E-01	2.66E-02	4.74E+00	5.53E-01	1.16E+00	1.53E-01	4.14E-01	4.71E-02	0.00E+00	0.00E+00
1.71E+00	2.23E-01	2.06E+00	2.44E-01	4.41E-01	6.47E-02	2.51E-01	3.19E-02	5.91E+00	6.26E-01	1.41E+00	1.73E-01	4.74E-01	5.65E-02	0.00E+00	0.00E+00
1.90E+00	3.40E-01	3.22E+00	4.60E-01	1.08E+00	1.46E-01	3.19E-01	5.15E-02	1.03E+01	1.31E+00	1.68E+00	2.68E-01	6.34E-01	1.00E-01	0.00E+00	0.00E+00
1.90E+00	3.65E-01	2.30E+00	4.86E-01	8.31E-01	1.53E-01	3.60E-01	5.62E-02	7.01E+00	1.36E+00	1.35E+00	2.80E-01	6.99E-01	1.09E-01	0.00E+00	0.00E+00
1.91E+00	3.74E-01	2.42E+00	5.19E-01	8.33E-01	1.52E-01	3.45E-01	5.76E-02	7.48E+00	1.43E+00	1.54E+00	2.99E-01	6.34E-01	1.08E-01	0.00E+00	0.00E+00
2.00E+00	4.53E-01	2.73E+00	5.53E-01	9.18E-01	1.58E-01	3.74E-01	6.47E-02	8.38E+00	1.60E+00	1.49E+00	3.61E-01	7.02E-01	1.12E-01	0.00E+00	0.00E+00
2.16E+00	5.18E-01	3.98E+00	7.47E-01	1.46E+00	2.50E-01	3.70E-01	7.66E-02	1.24E+01	1.98E+00	2.06E+00	4.17E-01	7.20E-01	1.38E-01	0.00E+00	0.00E+00
3.07E+00	4.99E-01	4.04E+00	6.14E-01	1.49E+00	2.21E-01	4.25E-01	8.32E-02	1.48E+01	1.52E+00	2.60E+00	3.69E-01	8.44E-01	1.63E-01	0.00E+00	0.00E+00
3.00E+00	5.84E-01	4.43E+00	4.71E-01	1.67E+00	1.70E-01	4.81E-01	9.84E-02	1.34E+01	1.28E+00	2.30E+00	4.07E-01	8.60E-01	1.90E-01	0.00E+00	0.00E+00
2.94E+00	4.73E-01	3.36E+00	6.42E-01	1.22E+00	2.44E-01	4.51E-01	7.63E-02	1.04E+01	1.87E+00	2.33E+00	3.44E-01	8.37E-01	1.51E-01	0.00E+00	0.00E+00
2.67E+00	4.01E-01	3.10E+00	6.03E-01	1.22E+00	2.16E-01	5.34E-01	6.89E-02	9.03E+00	1.74E+00	1.82E+00	3.47E-01	1.01E+00	1.37E-01	0.00E+00	0.00E+00
2.53E+00	6.41E-01	3.29E+00	8.15E-01	1.15E+00	2.35E-01	4.50E-01	9.05E-02	1.00E+01	1.45E+00	1.84E+00	5.14E-01	8.89E-01	1.46E-01	0.00E+00	0.00E+00
2.37E+00	7.07E-01	3.63E+00	6.63E-01	1.00E+00	1.86E-01	4.17E-01	1.14E-01	1.63E+01	2.13E+00	2.11E+00	5.12E-01	8.10E-01	2.07E-01	0.00E+00	0.00E+00
2.79E+00	6.25E-01	4.67E+00	7.28E-01	1.51E+00	2.79E-01	4.47E-01	1.11E-01	1.54E+01	2.01E+00	2.45E+00	4.33E-01	8.51E-01	2.25E-01	0.00E+00	0.00E+00
2.89E+00	4.29E-01	2.69E+00	6.37E-01	1.42E+00	2.16E-01	5.16E-01	7.91E-02	7.42E+00	1.61E+00	2.05E+00	3.61E-01	1.02E+00	1.68E-01	0.00E+00	0.00E+00
2.60E+00	4.93E-01	2.69E+00	7.30E-01	6.90E-01	2.23E-01	4.37E-01	6.01E-02	7.09E+00	1.68E+00	2.02E+00	4.33E-01	8.29E-01	1.04E-01	0.00E+00	0.00E+00
1.90E+00	5.99E-01	2.40E+00	6.97E-01	7.63E-01	1.47E-01	3.79E-01	8.46E-02	5.70E+00	1.43E+00	1.41E+00	4.74E-01	7.07E-01	1.47E-01	0.00E+00	0.00E+00
2.10E+00	5.14E-01	1.80E+00	5.42E-01	5.55E-01	1.70E-01	3.94E-01	8.53E-02	5.23E+00	1.28E+00	1.28E+00	4.07E-01	7.31E-01	1.61E-01	0.00E+00	0.00E+00
2.73E+00	5.12E-01	2.01E+00	6.33E-01	7.33E-01	1.60E-01	4.94E-01	7.17E-02	5.97E+00	1.16E+00	1.68E+00	4.16E-01	9.32E-01	1.25E-01	0.00E+00	0.00E+00
1.85E+00	3.45E-01	1.97E+00	3.75E-01	6.59E-01	9.93E-02	3.39E-01	5.20E-02	6.10E+00	7.72E-01	1.14E+00	2.59E-01	6.36E-01	9.43E-02	0.00E+00	0.00E+00
2.20E+00	4.37E-01	2.44E+00	5.21E-01	9.39E-01	1.42E-01	4.09E-01	7.93E-02	8.43E+00	1.13E+00	1.34E+00	3.32E-01	7.61E-01	1.50E-01	0.00E+00	0.00E+00
2.32E+00	4.23E-01	3.21E+00	4.89E-01	9.61E-01	1.33E-01	4.32E-01	6.60E-02	8.78E+00	1.17E+00	1.87E+00	3.36E-01	8.54E-01	1.24E-01	0.00E+00	0.00E+00
2.37E+00	4.03E-01	2.68E+00	5.46E-01	8.27E-01	1.43E-01	4.42E-01	5.15E-02	8.00E+00	1.23E+00	1.59E+00	3.45E-01	8.71E-01	8.70E-02	0.00E+00	0.00E+00
2.87E+00	3.81E-01	3.16E+00	4.46E-01	1.10E+00	1.12E-01	5.32E-01	5.93E-02	9.19E+00	9.42E-01	1.93E+00	3.02E-01	1.05E+00	1.13E-01	0.00E+00	0.00E+00
2.47E+00	3.23E-01	2.83E+00	3.93E-01	1.03E+00	1.09E-01	4.30E-01	4.97E-02	7.20E+00	7.94E-01	1.80E+00	2.51E-01	7.86E-01	9.40E-02	0.00E+00	0.00E+00
3.09E+00	3.90E-01	2.87E+00	5.57E-01	1.20E+00	1.68E-01	5.38E-01	6.03E-02	6.98E+00	1.24E+00	1.79E+00	3.37E-01	9.70E-01	1.15E-01	0.00E+00	0.00E+00
2.35E+00	4.61E-01	2.89E+00	5.98E-01	8.96E-01	1.53E-01	4.35E-01	6.30E-02	8.11E+00	1.24E+00	1.71E+00	3.87E-01	8.49E-01	1.24E-01	0.00E+00	0.00E+00
2.77E+00	4.08E-01	2.42E+00	5.52E-01	7.88E-01	1.66E-01	5.25E-01	6.72E-02	6.18E+00	1.18E+00	1.87E+00	3.49E-01	1.06E+00	1.31E-01	0.00E+00	0.00E+00
2.74E+00	4.88E-01	2.93E+00	6.94E-01	1.04E+00	1.90E-01	4.78E-01	7.77E-02	8.44E+00	1.59E+00	1.70E+00	4.26E-01	9.09E-01	1.46E-01	0.00E+00	0.00E+00
2.04E+00	4.49E-01	2.84E+00	6.42E-01	9.02E-01	1.91E-01	3.52E-01	7.33E-02	7.40E+00	1.44E+00	1.61E+00	3.83E-01	6.61E-01	1.39E-01	0.00E+00	0.00E+00
1.72E+00	3.64E-01	3.49E+00	5.20E-01	1.32E+00	1.29E-01	2.46E-01	4.75E-02	9.35E+00	1.27E+00	1.70E+00	3.22E-01	4.74E-01	8.33E-02	0.00E+00	0.00E+00
1.44E+00	3.44E-01	2.38E+00	3.54E-01	7.91E-01	9.52E-02	2.57E-01	5.18E-02	6.66E+00	7.86E-01	1.33E+00	2.54E-01	4.92E-01	9.50E-02	0.00E+00	0.00E+00
3.46E+00	3.07E-01	1.97E+00	4.57E-01	5.33E-01	1.17E-01	6.32E-01	4.46E-02	4.76E+00	1.15E+00	2.32E+00	2.78E-01	1.19E+00	8.30E-02	0.00E+00	0.00E+00
2.05E+00	3.10E-01	2.04E+00	4.19E-01	6.26E-01	9.39E-02	3.96E-01	4.72E-02	5.27E+00	1.01E+00	1.43E+00	2.64E-01	8.24E-01	9.17E-02	0.00E+00	0.00E+00
1.66E+00	3.05E-01	2.60E+00	3.75E-01	6.64E-01	9.57E-02	3.29E-01	4.08E-02	7.86E+00	8.14E-01	1.49E+00	2.49E-01	5.98E-01	7.53E-02	0.00E+00	0.00E+00
2.00E+00	3.29E-01	2.62E+00	4.20E-01	7.35E-01	1.15E-01	3.99E-01	4.44E-02	7.89E+00	1.09E+00	1.61E+00	2.75E-01	7.21E-01	7.67E-02	0.00E+00	0.00E+00

Scenario 4 Results

2.39E+00	3.74E-01	3.58E+00	5.95E-01	8.39E-01	1.55E-01	4.05E-01	4.93E-02	9.62E+00	1.58E+00	2.16E+00	3.43E-01	7.81E-01	8.96E-02	0.00E+00	0.00E+00
2.12E+00	3.98E-01	3.38E+00	5.17E-01	9.18E-01	1.37E-01	2.93E-01	5.09E-02	8.53E+00	1.42E+00	1.87E+00	3.36E-01	5.84E-01	8.72E-02	0.00E+00	0.00E+00
2.37E+00	4.48E-01	3.76E+00	6.94E-01	9.68E-01	1.80E-01	3.73E-01	4.86E-02	1.04E+01	1.85E+00	2.20E+00	4.07E-01	7.08E-01	7.73E-02	0.00E+00	0.00E+00
2.46E+00	4.31E-01	3.39E+00	6.08E-01	8.57E-01	1.32E-01	3.90E-01	4.98E-02	9.80E+00	1.59E+00	2.16E+00	3.80E-01	7.80E-01	8.61E-02	0.00E+00	0.00E+00
2.75E+00	4.15E-01	3.92E+00	5.19E-01	1.09E+00	1.24E-01	3.77E-01	5.56E-02	1.03E+01	1.36E+00	2.43E+00	3.36E-01	7.48E-01	1.03E-01	0.00E+00	0.00E+00
3.11E+00	3.53E-01	4.60E+00	5.55E-01	1.31E+00	1.41E-01	3.70E-01	4.95E-02	1.13E+01	1.57E+00	2.74E+00	3.24E-01	5.82E-01	9.64E-02	0.00E+00	0.00E+00
3.09E+00	3.44E-01	4.41E+00	4.87E-01	1.21E+00	1.20E-01	3.77E-01	4.08E-02	1.06E+01	1.17E+00	2.69E+00	3.00E-01	5.76E-01	7.16E-02	0.00E+00	0.00E+00
3.15E+00	3.58E-01	5.11E+00	4.87E-01	1.51E+00	1.13E-01	3.68E-01	4.57E-02	1.25E+01	1.05E+00	2.90E+00	3.09E-01	6.06E-01	7.78E-02	0.00E+00	0.00E+00
4.39E+00	3.58E-01	6.62E+00	4.98E-01	1.86E+00	1.44E-01	5.97E-01	4.74E-02	1.65E+01	1.26E+00	3.93E+00	3.00E-01	1.06E+00	8.49E-02	0.00E+00	0.00E+00
4.63E+00	4.43E-01	6.46E+00	7.12E-01	1.59E+00	2.15E-01	5.61E-01	4.77E-02	1.59E+01	1.91E+00	4.03E+00	4.10E-01	9.69E-01	7.91E-02	0.00E+00	0.00E+00
3.05E+00	5.07E-01	4.73E+00	7.12E-01	1.20E+00	2.07E-01	4.18E-01	6.59E-02	1.40E+01	2.03E+00	2.76E+00	4.31E-01	7.23E-01	1.14E-01	0.00E+00	0.00E+00
3.23E+00	5.41E-01	4.45E+00	7.43E-01	1.16E+00	1.95E-01	4.40E-01	7.40E-02	1.44E+01	2.28E+00	2.74E+00	4.47E-01	7.69E-01	1.30E-01	0.00E+00	0.00E+00
1.80E+00	2.55E-01	2.72E+00	3.86E-01	5.89E-01	9.08E-02	2.37E-01	3.45E-02	7.72E+00	1.17E+00	1.65E+00	2.32E-01	4.48E-01	6.28E-02	0.00E+00	0.00E+00
1.26E+00	1.62E-01	1.67E+00	2.44E-01	3.39E-01	6.33E-02	1.57E-01	2.28E-02	4.45E+00	6.86E-01	1.10E+00	1.50E-01	3.02E-01	4.41E-02	0.00E+00	0.00E+00
1.12E+00	1.67E-01	1.44E+00	2.53E-01	3.61E-01	6.50E-02	1.75E-01	2.20E-02	3.60E+00	6.77E-01	9.01E-01	1.52E-01	3.48E-01	4.40E-02	0.00E+00	0.00E+00
1.12E+00	1.68E-01	1.52E+00	2.43E-01	4.23E-01	6.17E-02	1.69E-01	2.09E-02	3.91E+00	6.41E-01	9.67E-01	1.47E-01	3.38E-01	3.73E-02	0.00E+00	0.00E+00
1.51E+00	2.10E-01	2.45E+00	2.56E-01	5.91E-01	5.73E-02	2.23E-01	2.79E-02	6.89E+00	5.92E-01	1.42E+00	1.74E-01	4.38E-01	5.01E-02	0.00E+00	0.00E+00
1.76E+00	3.54E-01	2.40E+00	4.95E-01	8.40E-01	1.50E-01	3.32E-01	5.45E-02	7.50E+00	1.40E+00	1.44E+00	2.82E-01	6.01E-01	1.04E-01	0.00E+00	0.00E+00
1.70E+00	3.68E-01	2.31E+00	4.76E-01	7.57E-01	1.30E-01	2.97E-01	5.08E-02	7.13E+00	1.29E+00	1.42E+00	3.01E-01	5.84E-01	9.12E-02	0.00E+00	0.00E+00
1.75E+00	4.28E-01	2.45E+00	5.28E-01	8.64E-01	1.62E-01	3.30E-01	6.36E-02	7.70E+00	1.44E+00	1.29E+00	3.35E-01	6.12E-01	1.13E-01	0.00E+00	0.00E+00
1.97E+00	4.32E-01	2.96E+00	5.39E-01	1.14E+00	1.89E-01	3.51E-01	6.79E-02	8.83E+00	1.30E+00	1.58E+00	3.28E-01	6.95E-01	1.27E-01	0.00E+00	0.00E+00
2.27E+00	4.85E-01	3.37E+00	4.17E-01	1.09E+00	1.52E-01	4.01E-01	8.23E-02	1.15E+01	9.66E-01	1.89E+00	3.46E-01	7.82E-01	1.61E-01	0.00E+00	0.00E+00
3.05E+00	5.23E-01	4.03E+00	5.34E-01	1.64E+00	1.97E-01	4.66E-01	8.70E-02	1.16E+01	1.59E+00	2.42E+00	3.65E-01	8.16E-01	1.68E-01	0.00E+00	0.00E+00
2.70E+00	3.97E-01	3.59E+00	7.89E-01	1.25E+00	2.78E-01	4.07E-01	6.23E-02	1.22E+01	2.43E+00	2.26E+00	4.10E-01	7.68E-01	1.24E-01	0.00E+00	0.00E+00
2.54E+00	4.80E-01	3.47E+00	7.54E-01	1.40E+00	2.33E-01	4.84E-01	6.45E-02	1.08E+01	2.17E+00	1.96E+00	4.28E-01	9.02E-01	1.29E-01	0.00E+00	0.00E+00
2.42E+00	6.28E-01	3.20E+00	7.95E-01	1.01E+00	2.23E-01	4.05E-01	8.80E-02	9.72E+00	1.46E+00	1.79E+00	5.05E-01	8.00E-01	1.42E-01	0.00E+00	0.00E+00
2.07E+00	6.19E-01	3.18E+00	5.68E-01	8.44E-01	1.60E-01	3.60E-01	1.01E-01	1.42E+01	1.89E+00	1.85E+00	4.46E-01	7.00E-01	1.84E-01	0.00E+00	0.00E+00
2.56E+00	5.77E-01	4.43E+00	6.88E-01	1.39E+00	2.60E-01	4.04E-01	1.02E-01	1.48E+01	1.93E+00	2.33E+00	4.01E-01	7.79E-01	2.08E-01	0.00E+00	0.00E+00
3.16E+00	5.25E-01	3.97E+00	7.07E-01	2.09E+00	2.48E-01	5.35E-01	9.60E-02	1.16E+01	1.86E+00	2.33E+00	3.92E-01	1.05E+00	2.02E-01	0.00E+00	0.00E+00
3.36E+00	4.86E-01	3.71E+00	7.63E-01	1.06E+00	2.49E-01	4.87E-01	5.67E-02	9.73E+00	1.84E+00	2.66E+00	4.39E-01	9.38E-01	1.10E-01	0.00E+00	0.00E+00
2.63E+00	6.39E-01	3.86E+00	7.91E-01	1.38E+00	1.83E-01	5.25E-01	8.77E-02	8.43E+00	1.80E+00	2.12E+00	5.16E-01	9.67E-01	1.49E-01	0.00E+00	0.00E+00
2.21E+00	6.01E-01	2.46E+00	6.08E-01	6.94E-01	1.76E-01	4.28E-01	9.29E-02	5.67E+00	1.62E+00	1.62E+00	4.58E-01	7.87E-01	1.76E-01	0.00E+00	0.00E+00
1.61E+00	3.90E-01	1.66E+00	5.04E-01	5.61E-01	1.36E-01	3.06E-01	5.67E-02	3.82E+00	9.99E-01	1.11E+00	3.26E-01	5.83E-01	1.07E-01	0.00E+00	0.00E+00
2.34E+00	4.04E-01	1.84E+00	4.72E-01	6.46E-01	1.06E-01	4.14E-01	5.84E-02	5.93E+00	7.94E-01	1.32E+00	3.16E-01	7.91E-01	1.03E-01	0.00E+00	0.00E+00
1.88E+00	4.00E-01	2.02E+00	4.23E-01	7.05E-01	1.17E-01	3.40E-01	6.94E-02	5.48E+00	9.39E-01	1.16E+00	2.67E-01	6.41E-01	1.33E-01	0.00E+00	0.00E+00
1.60E+00	3.57E-01	1.96E+00	4.55E-01	8.24E-01	1.17E-01	3.20E-01	5.29E-02	5.81E+00	9.37E-01	1.09E+00	2.97E-01	6.08E-01	9.74E-02	0.00E+00	0.00E+00
1.96E+00	3.67E-01	2.43E+00	5.11E-01	8.08E-01	1.37E-01	3.80E-01	4.85E-02	6.88E+00	1.20E+00	1.45E+00	3.18E-01	7.73E-01	9.07E-02	0.00E+00	0.00E+00
2.26E+00	3.98E-01	3.56E+00	5.30E-01	1.08E+00	1.36E-01	4.45E-01	5.17E-02	1.21E+01	1.16E+00	1.87E+00	3.38E-01	8.54E-01	9.45E-02	0.00E+00	0.00E+00
3.32E+00	3.96E-01	3.92E+00	4.11E-01	1.30E+00	1.09E-01	5.80E-01	6.10E-02	1.27E+01	1.03E+00	2.30E+00	3.06E-01	1.10E+00	1.14E-01	0.00E+00	0.00E+00
2.58E+00	3.02E-01	3.38E+00	3.74E-01	1.23E+00	1.40E-01	4.39E-01	4.45E-02	8.12E+00	7.50E-01	1.88E+00	2.38E-01	8.80E-01	8.50E-02	0.00E+00	0.00E+00
2.77E+00	3.91E-01	2.81E+00	5.56E-01	1.19E+00	1.63E-01	4.79E-01	5.76E-02	7.78E+00	1.25E+00	1.62E+00	3.39E-01	8.47E-01	1.13E-01	0.00E+00	0.00E+00
2.32E+00	4.31E-01	2.62E+00	5.56E-01	1.02E+00	1.41E-01	3.98E-01	6.60E-02	8.01E+00	1.15E+00	1.54E+00	3.61E-01	7.83E-01	1.30E-01	0.00E+00	0.00E+00
2.54E+00	3.77E-01	2.24E+00	5.11E-01	7.37E-01	1.57E-01	4.82E-01	6.15E-02	6.04E+00	1.08E+00	1.71E+00	3.16E-01	9.69E-01	1.20E-01	0.00E+00	0.00E+00
2.21E+00	4.42E-01	2.69E+00	6.32E-01	9.48E-01	1.75E-01	3.85E-01	6.99E-02	7.99E+00	1.46E+00	1.51E+00	3.87E-01	7.54E-01	1.32E-01	0.00E+00	0.00E+00
2.34E+00	4.86E-01	3.39E+00	6.76E-01	1.15E+00	2.05E-01	3.87E-01	7.49E-02	9.41E+00	1.60E+00	1.99E+00	3.98E-01	7.36E-01	1.45E-01	0.00E+00	0.00E+00
2.07E+00	3.79E-01	4.19E+00	5.81E-01	1.65E+00	1.80E-01	2.71E-01	5.50E-02	1.17E+01	1.53E+00	2.08E+00	3.31E-01	5.42E-01	1.01E-01	0.00E+00	0.00E+00
1.90E+00	4.41E-01	3.79E+00	4.77E-01	9.98E-01	1.45E-01	2.56E-01	6.43E-02	7.88E+00	1.15E+00	1.81E+00	3.33E-01	4.89E-01	1.17E-01	0.00E+00	0.00E+00
2.90E+00	2.98E-01	2.57E+00	4.30E-01	8.33E-01	1.15E-01	4.79E-01	3.90E-02	6.11E+00	1.09E+00	2.23E+00	2.58E-01	9.47E-01	7.80E-02	0.00E+00	0.00E+00
3.53E+00	3.37E-01	1.94E+00	4.41E-01	6.61E-01	1.10E-01	6.70E-01	5.31E-02	5.04E+00	1.09E+00	2.32E+00	2.70E-01	1.29E+00	1.04E-01	0.00E+00	0.00E+00
1.50E+00	3.05E-01	2.16E+00	4.17E-01	7.36E-01	9.42E-02	2.61E-01	4.20E-02	6.40E+00	1.03E+00	1.36E+00	2.64E-01	5.08E-01	7.72E-02	0.00E+00	0.00E+00
1.83E+00	3.13E-01	2.84E+00	4.10E-01	6.96E-01	1.03E-01	3.64E-01	4.10E-02	8.99E+00	9.43E-01	1.71E+00	2.64E-01	6.53E-01	6.99E-02	0.00E+00	0.00E+00
2.05E+00	3.14E-01	3.08E+00	4.81E-01	8.49E-01	1.40E-01	3.82E-01	4.47E-02	8.72E+00	1.34E+00	1.81E+00	2.80E-01	7.64E-01	8.56E-02	0.00E+00	0.00E+00
2.26E+00	3.98E-01	3.45E+00	5.89E-01	9.30E-01	1.42E-01	3.62E-01	4.92E-02	8.55E+00	1.54E+00	2.01E+00	3.55E-01	6.41E-01	9.02E-02	0.00E+00	0.00E+00
2.09E+00	3.40E-01	3.66E+00	5.24E-01	9.91E-01	1.56E-01	2.84E-01	4.50E-02	8.58E+00	1.40E+00	1.96E+00	2.94E-01	5.31E-01	8.02E-02	0.00E+00	0.00E+00
2.38E+00	4.49E-01	3.74E+00	6.85E-01	9.14E-01	1.72E-01	3.53E-01	4.93E-02	1.03E+01	1.83E+00	2.20E+00	4.07E-01	6.74E-01	7.57E-02	0.00E+00	0.00E+00
2.39E+00	3.99E-01	3.37E+00	5.65E-01	8.98E-01	1.30E-01	3.58E-01	4.73E-02	1.07E+01	1.49E+00	2.11E+00	3.54E-01	7.27E-01	7.98E-02	0.00E+00	0.00E+00
2.62E+00	3.93E-01	3.73E+00	5.08E-01	1.08E+00	1.24E-01	3.28E-01	5.26E-02	9.70E+00	1.35E+00	2.30E+00	3.19E-01	6.62E-01	9.71E-02	0.00E+00	0.00E+00
3.01E+00	3.36E-01	4.40E+00	5.28E-01	1.25E+00	1.35E-01	3.61E-01	4.58E-02	1.07E+01	1.50E+00	2.64E+00	3.11E-01	5.38E-01	8.91E-02	0.00E+00	0.00E+00
3.27E+00	3.53E-01	4.74E+00	5.05E-01	1.33E+00	1.29E-01	3.93E-01	4.18E-02	1.16E+01	1.21E+00	2.86E+00	3.08E-01	5.90E-01	7.34E-02	0.00E+00	0.00E+00
3.40E+00	3.70E-01	5.59E+00	5.23E-01	1.66E+00	1.26E-01	3.83E-01	4.58E-02	1.38E+01	1.18E+00	3.16E+00	3.25E-01	6.32E-01	7.52E-02	0.00E+00	0.00E+00
3.96E+00	3.39E-01	5.35E+00	4.43E-01	1.54E+00	1.02E-01	5.50E-01	4.39E-02	1.22E+01	1.08E+00	3.22E+00	2.87E-01	9.58E-01	7.59E-02	0.00E+00	0.00E+00
3.77E+00	2.83E-01	5.24E+00	4.39E-01	1.35E+00	1.32E-01	4.67E-01	3.59E-02	1.23E+01	1.13E+00	3.26E+00	2.57E-01	8.26E-01	6.72E-02	0.00E+00	0.00E+00
4.04E+00	4.95E-01	5.21E+00	6.79E-01	1.28E+00	2.08E-01	5.24E-01	6.22E-02	1.45E+01	1.85E+00	3.39E+00	4.27E-01	8.70E-01	1.06E-01	0.00E+00	0.00E+00
2.93E+00	4.88E-01	4.17E+00	6.58E-01	1.14E+00	1.91E-01	3.97E-01	6.57E-02	1.20E+01	1.91E+00	2.55E+00	4.07E-01	6.96E-01	1.15E-01	0.00E+00	0.00E+00
1.46E+00	2.07E-01	1.92E+00	3.34E-01	5.01E-01	8.82E-02	1.84E-01	2.89E-02	6.07E+00	9.90E-01	1.17E+00	1.98E-01	3.38E-01	5.26E-02	0.00E+00	0.00E+00
1.31E+00	1.78E-01	1.89E+00	2.82E-01	3.66E-01	6.66E-02	1.60E-01	2.08E-02	5.24E+00	8.53E-01	1.18E+00	1.71E-01	3.12E-01	3.88E-02	0.00E+00	0.00E+00
1.29E+00	1.64E-01	1.64E+00	2.49E-01	3.51E-01	5.91E-02	1.66E-01	2.28E-02	4.30E+00	7.30E-01	1.10E+00	1.55E-01	3.19E-01	4.46E-02	0.00E+00	0.00E+00
1.33E+00	1.77E-01	1.74E+00	2.56E-01	4.49E-01	6.00E-02	1.95E-01	2.28E-02	4.43E+00	6.99E-01	1.07E+00	1.62E-01	3.88E-01	4.57E-02	0.00E+00	0.00E+00
1.41E+00	3.33E-01	1.77E+00	3.82E-01	6.01E-01	1.06E-01	2.63E-01	4.82E-02	5.47E+00	1.06E+00	1.06E+00	2.65E-01	4.96E-01	8.43E-02	0.00E+00	0.00E+00
1.61E+00	3.78E-01	2.18E+00	4.61E-01	8.54E-01	1.50E-01	2.77E-01	5.82E-02	6.75E+00	1.18E+00	1.18E+00	2.90E-01	5.59E-01	1.06E-01	0.00E+00	0.00E+00
1.96E+00	3.70E-01	2.54E+00	4.40E-01	1.02E+00	1.59E-01	3.35E-01	5.99E-02	7.36E+00	9.97E-01	1.54E+00	2.78E-01	6.50E-01	1.18E-01	0.00E+00	0.00E+00
2.16E+00	4.62E-01	2.79E+00	3.61E-01	9.39E-01	1.08E-01	3.75E-01	7.86E-02	9.05E+00	7.81E-01	1.62E+00	3.23E-01	7.19E-01	1.53E-01	0.00E+00	0.00E+00
2.63E+00	4.57E-01	3.00E+00	4.68E-01	1.27E+00	1.76E-01	4.00E-01	7.56E-02	8.56E+00	1.37E+00	2.10E+00	3.19E-01	7.23E-01	1.46E-01	0.00E+00	0.00E+00
1.91E+00	3.24E-01	2.75E+00	5.69E-01	9.17E-01	2.09E-01	3.74E-01	5.04E-02	9.04E+00	1.69E+00	1.60E+00	2.94E-01	7.53E-01	1.02E-01	0.00E+00	0.00E+00
2.14E+00	3.76E-01	2.18E+00	5.50E-01	9.42E-01	1.71E-01	4.09E-01	5.99E-02	6.55E+00	1.22E+00	1.55E+00	3.23E-01	7.57E-01	1.19E-01	0.00E+00	0.00E+00
2.09E+00	5.54E-01	2.66E+00	6.80E-01	8.65E-01	1.87E-01	3.63E-01	7.92E-02	7.87E+00	1.20E+00	1.52E+00	4.40E-01	7.16E-01	1.30E-01	0.00E+00	0.00E+00
1.94E+00	5.99E-01	3.21E+00	5.55E-01	8.51E-01	1.57E-01	3.40E-01	9.69E-02	1.42E+01	1.89E+00	1.86E+00	4.34E-01	6.61E-01	1.78E-01	0.00E+00	0.00E+00
2.22E+00	4.87E-01	3.63E+00	5.77E-01	1.13E+00	2.14E-01	3.55E-01	8.61E-02	1.22E+01	1.63E+00	1.92E+00	3.39E-01	6.52E-01	1.76E-01	0.00E+00	0.00E+00
2.72E+00	4.32E-01	3.06E+00	5.74E-01	1.63E+00	2.06E-01	4.69E-01	7.92E-02	9.41E+00	1.51E+00	1.97E+00	3.22E-01	9.18E-01	1.68E-01	0.00E+00	0.00E+00
3.51E+00	4.53E-01	4.04E+00	7.34E-01	1.22E+00	2.47E-01	4.97E-01	5.33E-02	1.01E+01	1.83E+00	2.81E+00	4.16E-01	8.91E-01	1.07E-01	0.00E+00	0.00E+00
2.13E+00	5.09E-01	3.08E+00	6.81E-01	1.15E+00	1.75E-01	4.25E-01	6.64E-02	6.56E+00	1.41E+00	1.73E+00	4.27E-01	7.94E-01	1.09E-01	0.00E+00	0.00E+00
2.31E+00	6.11E-01	3.29E+00	6.30E-01	8.08E-01	1.63E-01	4.04E-01	9.20E-02	7.27E+00	1.83E+00	1.98E+00	4.64E-01	7.67E-01	1.68E-01	0.00E+00	0.00E+00
2.15E+00	4.40E-01	1.67E+00	5.23E-01	6.34E-01	1.76E-01	4.14E-01	7.70E-02	4.65E+00	1.14E+00	1.29E+00	3.41E-01	7.55E-01	1.48E-01	0.00E+00	0.00E+00
1.96E+00	3.60E-01	1.45E+00	4.42E-01	4.51E-01	1.08E-01	3.53E-01	5.02E-02	4.10E+00	8.11E-01	1.16E+00	2.92E-01	6.43E-01	8.75E-02	0.00E+00	0.00E+00
2.00E+00	3.45E-01	2.56E+00	3.79E-01	8.23E-01	1.05E-01	3.62E-01	5.29E-02	7.76E+00	8.52E-01	1.38E+00	2.52E-01	6.87E-01	9.73E-02	0.00E+00	0.00E+00
2.23E+00	4.44E-01	2.69E+00	4.76E-01	8.67E-01	1.30E-01	4.11E-01	8.09E-02	8.86E+00	1.05E+00	1.40E+00	3.02E-01	7.67E-01	1.52E-01	0.00E+00	0.00E+00
1.88E+00	3.48E-01	2.04E+00	3.90E-01	6.29E-01	1.03E-01	3.32E-01	5.47E-02	5.76E+00	9.27E-01	1.21E+00	2.72E-01	6.35E-01	1.01E-01	0.00E+00	0.00E+00
2.27E+00	3.59E-01	2.34E+00	4.92E-01	7.95E-01	1.30E-01	4.09E-01	4.53E-02	7.48E+00	1.13E+00	1.54E+00	3.08E-01	7.91E-01	8.48E-02	0.00E+00	0.00E+00
2.69E+00	3.47E-01	3.59E+00	4.57E-01	1.38E+00	1.17E-01	4.63E-01	5.29E-02	1.07E+01	9.84E-01	1.90E+00	2.94E-01	8.77E-01	1.00E-01	0.00E+00	0.00E+00
2.95E+00	3.45E-01	3.09E+00	3.49E-01	1.26E+00	1.02E-01	5.49E-01	5.38E-02	9.89E+00	8.44E-01	1.97E+00	2.64E-01	1.08E+00	1.01E-01	0.00E+00	0.00E+00
2.12E+00	3.11E-01	2.88E+00	3.64E-01	9.63E-01	1.31E-01	3.56E-01	4.51E-02	6.10E+00	7.68E-01	1.63E+00	2.40E-01	6.79E-01	7.55E-02	0.00E+00	0.00E+00
2.81E+00	4.01E-01	3.30E+00	5.68E-01	1.16E+00	1.62E-01	4.83E-01	6.20E-02	8.94E+00	1.29E+00	1.89E+00	3.48E-01	8.41E-01	1.23E-01	0.00E+00	0.00E+00
2.21E+00	3.96E-01	2.59E+00	5.08E-01	1.08E+00	1.28E-01	3.79E-01	6.51E-02	7.76E+00	1.05E+00	1.50E+00	3.32E-01	7.01E-01	1.29E-01	0.00E+00	0.00E+00
2.33E+00	3.56E-01	2.08E+00	4.84E-01	7.49E-01	1.48E-01	4.43E-01	5.61E-02	5.76E+00	1.00E+00	1.57E+00	2.99E-01	8.91E-01	1.10E-01	0.00E+00	0.00E+00
1.53E+00	3.85E-01	1.86E+00	5.52E-01	8.01E-01	1.54E-01	2.81E-01	5.13E-02	5.62E+00	1.27E+00	1.08E+00	3.38E-01	5.25E-01	9.32E-02	0.00E+00	0.00E+00

1.76E+00	3.79E-01	2.35E+00	5.74E-01	8.25E-01	1.76E-01	3.16E-01	4.85E-02	7.08E+00	1.35E+00	1.46E+00	3.39E-01	5.78E-01	9.23E-02	0.00E+00	0.00E+00
1.70E+00	4.03E-01	3.19E+00	6.17E-01	1.26E+00	2.01E-01	3.04E-01	6.34E-02	9.10E+00	1.69E+00	1.61E+00	3.45E-01	5.60E-01	1.14E-01	0.00E+00	0.00E+00
2.74E+00	4.89E-01	5.63E+00	5.77E-01	1.81E+00	1.78E-01	3.28E-01	6.70E-02	1.39E+01	1.48E+00	2.66E+00	3.90E-01	6.19E-01	1.20E-01	0.00E+00	0.00E+00
2.65E+00	4.19E-01	4.33E+00	5.04E-01	1.47E+00	1.37E-01	3.39E-01	6.28E-02	1.17E+01	1.21E+00	2.38E+00	3.14E-01	6.95E-01	1.17E-01	0.00E+00	0.00E+00
4.08E+00	3.69E-01	2.37E+00	4.48E-01	5.75E-01	1.20E-01	7.47E-01	5.10E-02	6.79E+00	1.14E+00	2.75E+00	2.98E-01	1.41E+00	9.85E-02	0.00E+00	0.00E+00
2.28E+00	3.17E-01	2.20E+00	4.29E-01	6.49E-01	1.02E-01	4.45E-01	4.95E-02	6.60E+00	1.09E+00	1.54E+00	2.69E-01	9.04E-01	9.17E-02	0.00E+00	0.00E+00
1.77E+00	3.02E-01	2.94E+00	4.12E-01	8.22E-01	1.08E-01	2.99E-01	4.01E-02	8.31E+00	9.48E-01	1.67E+00	2.55E-01	5.59E-01	7.60E-02	0.00E+00	0.00E+00
1.87E+00	3.28E-01	2.92E+00	4.31E-01	8.44E-01	1.15E-01	3.54E-01	4.29E-02	8.63E+00	1.06E+00	1.75E+00	2.79E-01	6.39E-01	7.30E-02	0.00E+00	0.00E+00
2.30E+00	3.43E-01	3.32E+00	5.61E-01	8.43E-01	1.53E-01	3.73E-01	4.59E-02	8.95E+00	1.52E+00	1.98E+00	3.19E-01	7.51E-01	8.75E-02	0.00E+00	0.00E+00
2.08E+00	3.85E-01	3.80E+00	5.53E-01	1.02E+00	1.23E-01	3.04E-01	4.64E-02	8.47E+00	1.52E+00	2.02E+00	3.37E-01	5.99E-01	8.61E-02	0.00E+00	0.00E+00
2.15E+00	3.65E-01	3.56E+00	5.97E-01	9.64E-01	1.70E-01	2.82E-01	3.88E-02	8.56E+00	1.61E+00	1.93E+00	3.40E-01	5.41E-01	7.56E-02	0.00E+00	0.00E+00
2.32E+00	4.35E-01	3.60E+00	6.56E-01	8.84E-01	1.63E-01	3.24E-01	4.80E-02	9.81E+00	1.75E+00	2.13E+00	3.93E-01	6.22E-01	7.28E-02	0.00E+00	0.00E+00
2.31E+00	3.88E-01	3.32E+00	5.34E-01	8.71E-01	1.28E-01	3.47E-01	4.64E-02	1.08E+01	1.38E+00	2.03E+00	3.37E-01	7.13E-01	7.90E-02	0.00E+00	0.00E+00
2.67E+00	3.87E-01	3.79E+00	5.19E-01	1.10E+00	1.29E-01	3.36E-01	5.18E-02	9.83E+00	1.39E+00	2.30E+00	3.16E-01	6.31E-01	9.58E-02	0.00E+00	0.00E+00
3.02E+00	3.35E-01	4.42E+00	5.18E-01	1.25E+00	1.39E-01	3.64E-01	4.44E-02	1.06E+01	1.47E+00	2.65E+00	3.07E-01	5.46E-01	8.62E-02	0.00E+00	0.00E+00
2.86E+00	3.07E-01	4.07E+00	4.37E-01	1.13E+00	1.12E-01	3.51E-01	3.62E-02	9.70E+00	1.13E+00	2.48E+00	2.68E-01	5.36E-01	6.31E-02	0.00E+00	0.00E+00
2.60E+00	3.13E-01	4.14E+00	4.43E-01	1.20E+00	1.08E-01	3.34E-01	3.91E-02	9.96E+00	9.73E-01	2.36E+00	2.75E-01	5.31E-01	6.46E-02	0.00E+00	0.00E+00
3.78E+00	3.31E-01	4.79E+00	4.47E-01	1.20E+00	1.00E-01	5.15E-01	4.20E-02	1.11E+01	1.01E+00	3.09E+00	2.83E-01	8.82E-01	7.05E-02	0.00E+00	0.00E+00
4.48E+00	3.14E-01	6.31E+00	4.27E-01	1.71E+00	1.29E-01	5.66E-01	4.10E-02	1.46E+01	1.06E+00	3.86E+00	2.61E-01	1.06E+00	7.49E-02	0.00E+00	0.00E+00
4.31E+00	4.12E-01	5.79E+00	5.58E-01	1.45E+00	1.67E-01	5.47E-01	5.11E-02	1.34E+01	1.39E+00	3.67E+00	3.58E-01	8.86E-01	8.63E-02	0.00E+00	0.00E+00
2.49E+00	3.51E-01	3.17E+00	4.39E-01	8.10E-01	1.36E-01	3.44E-01	4.77E-02	9.43E+00	1.18E+00	2.04E+00	2.92E-01	5.99E-01	8.41E-02	0.00E+00	0.00E+00
1.50E+00	2.09E-01	2.06E+00	3.35E-01	5.66E-01	9.77E-02	1.97E-01	3.07E-02	5.90E+00	9.43E-01	1.29E+00	1.96E-01	3.93E-01	5.56E-02	0.00E+00	0.00E+00
1.40E+00	2.07E-01	2.02E+00	3.36E-01	5.31E-01	8.91E-02	1.86E-01	2.25E-02	5.93E+00	9.99E-01	1.22E+00	1.98E-01	3.49E-01	4.11E-02	0.00E+00	0.00E+00
1.46E+00	1.99E-01	2.04E+00	3.19E-01	4.09E-01	7.61E-02	1.70E-01	2.25E-02	5.65E+00	9.77E-01	1.30E+00	1.91E-01	3.25E-01	4.30E-02	0.00E+00	0.00E+00
1.54E+00	3.25E-01	2.00E+00	3.88E-01	7.77E-01	1.32E-01	2.74E-01	5.16E-02	5.99E+00	9.29E-01	1.13E+00	2.47E-01	5.52E-01	9.68E-02	0.00E+00	0.00E+00
1.65E+00	3.44E-01	1.85E+00	3.17E-01	7.69E-01	1.14E-01	2.97E-01	5.83E-02	6.59E+00	6.56E-01	1.24E+00	2.49E-01	5.70E-01	1.15E-01	0.00E+00	0.00E+00
2.17E+00	4.35E-01	2.54E+00	3.44E-01	9.30E-01	9.10E-02	3.52E-01	7.36E-02	7.83E+00	6.73E-01	1.67E+00	3.01E-01	6.63E-01	1.43E-01	0.00E+00	0.00E+00
2.20E+00	3.97E-01	2.55E+00	4.30E-01	1.02E+00	1.63E-01	3.42E-01	6.51E-02	7.33E+00	1.26E+00	1.78E+00	2.79E-01	6.40E-01	1.25E-01	0.00E+00	0.00E+00
1.88E+00	3.16E-01	2.97E+00	6.28E-01	1.02E+00	2.20E-01	3.76E-01	4.17E-02	9.53E+00	1.92E+00	1.55E+00	3.26E-01	7.36E-01	8.49E-02	0.00E+00	0.00E+00
2.17E+00	4.10E-01	2.42E+00	6.06E-01	9.45E-01	1.84E-01	3.71E-01	5.57E-02	7.62E+00	1.27E+00	1.63E+00	3.56E-01	7.07E-01	1.11E-01	0.00E+00	0.00E+00
1.88E+00	5.13E-01	2.31E+00	6.20E-01	7.94E-01	1.66E-01	3.25E-01	7.39E-02	6.72E+00	1.08E+00	1.37E+00	4.06E-01	6.41E-01	1.23E-01	0.00E+00	0.00E+00
1.68E+00	5.20E-01	2.78E+00	4.72E-01	7.25E-01	1.34E-01	2.93E-01	8.50E-02	1.22E+01	1.65E+00	1.61E+00	3.75E-01	5.69E-01	1.57E-01	0.00E+00	0.00E+00
2.14E+00	4.67E-01	3.61E+00	5.68E-01	1.11E+00	2.08E-01	3.25E-01	8.23E-02	1.22E+01	1.63E+00	1.91E+00	3.26E-01	6.19E-01	1.68E-01	0.00E+00	0.00E+00
2.20E+00	3.53E-01	2.34E+00	4.71E-01	1.26E+00	1.70E-01	3.83E-01	6.46E-02	7.46E+00	1.24E+00	1.60E+00	2.66E-01	7.57E-01	1.38E-01	0.00E+00	0.00E+00
2.93E+00	3.84E-01	3.38E+00	6.25E-01	1.05E+00	2.10E-01	4.17E-01	4.67E-02	7.77E+00	1.57E+00	2.35E+00	3.55E-01	7.43E-01	1.01E-01	0.00E+00	0.00E+00
2.32E+00	4.92E-01	3.45E+00	7.13E-01	1.35E+00	2.03E-01	4.31E-01	6.27E-02	8.47E+00	1.57E+00	1.90E+00	4.27E-01	8.32E-01	1.14E-01	0.00E+00	0.00E+00
3.06E+00	6.28E-01	4.73E+00	6.79E-01	1.38E+00	1.65E-01	5.00E-01	9.26E-02	1.03E+01	2.24E+00	2.64E+00	4.81E-01	9.12E-01	1.68E-01	0.00E+00	0.00E+00
2.43E+00	5.42E-01	2.39E+00	5.95E-01	9.12E-01	2.24E-01	4.54E-01	1.02E-01	6.84E+00	1.50E+00	1.79E+00	4.15E-01	8.53E-01	1.92E-01	0.00E+00	0.00E+00
1.98E+00	3.95E-01	1.69E+00	5.16E-01	6.48E-01	1.37E-01	3.57E-01	5.51E-02	5.00E+00	1.07E+00	1.36E+00	3.34E-01	6.89E-01	1.06E-01	0.00E+00	0.00E+00
1.80E+00	3.10E-01	1.74E+00	3.56E-01	5.32E-01	7.85E-02	3.07E-01	4.52E-02	5.60E+00	6.72E-01	9.64E-01	2.40E-01	5.83E-01	7.97E-02	0.00E+00	0.00E+00
1.92E+00	3.92E-01	2.12E+00	4.18E-01	7.75E-01	1.16E-01	3.44E-01	6.79E-02	7.85E+00	9.49E-01	1.20E+00	2.63E-01	6.56E-01	1.32E-01	0.00E+00	0.00E+00
1.63E+00	3.27E-01	1.93E+00	4.20E-01	8.83E-01	1.10E-01	3.26E-01	4.99E-02	5.42E+00	8.69E-01	1.01E+00	2.72E-01	6.07E-01	9.78E-02	0.00E+00	0.00E+00
1.51E+00	2.68E-01	1.75E+00	3.78E-01	6.04E-01	1.03E-01	2.93E-01	3.96E-02	5.23E+00	9.13E-01	1.01E+00	2.33E-01	5.88E-01	7.30E-02	0.00E+00	0.00E+00
2.14E+00	3.40E-01	2.66E+00	4.59E-01	8.11E-01	1.19E-01	3.99E-01	4.36E-02	9.61E+00	1.03E+00	1.45E+00	2.91E-01	7.94E-01	7.86E-02	0.00E+00	0.00E+00
2.60E+00	3.20E-01	2.71E+00	3.79E-01	1.10E+00	9.64E-02	4.75E-01	5.15E-02	9.77E+00	8.36E-01	1.77E+00	2.53E-01	9.36E-01	9.83E-02	0.00E+00	0.00E+00
2.02E+00	2.78E-01	2.02E+00	3.13E-01	8.64E-01	9.02E-02	3.75E-01	4.33E-02	5.60E+00	6.79E-01	1.52E+00	2.15E-01	7.58E-01	8.20E-02	0.00E+00	0.00E+00
1.76E+00	2.62E-01	1.99E+00	3.38E-01	6.23E-01	1.04E-01	2.86E-01	3.93E-02	4.29E+00	7.81E-01	1.26E+00	2.03E-01	5.40E-01	6.79E-02	0.00E+00	0.00E+00
2.38E+00	3.84E-01	2.89E+00	5.38E-01	8.53E-01	1.49E-01	4.06E-01	5.68E-02	7.33E+00	1.22E+00	1.67E+00	3.32E-01	6.96E-01	1.14E-01	0.00E+00	0.00E+00
2.31E+00	4.00E-01	2.86E+00	4.77E-01	1.16E+00	1.19E-01	3.94E-01	7.07E-02	8.19E+00	9.95E-01	1.78E+00	3.13E-01	7.46E-01	1.41E-01	0.00E+00	0.00E+00
2.51E+00	3.65E-01	2.58E+00	5.01E-01	8.56E-01	1.53E-01	4.78E-01	6.09E-02	7.59E+00	1.03E+00	1.69E+00	3.09E-01	9.59E-01	1.19E-01	0.00E+00	0.00E+00
1.40E+00	3.48E-01	1.70E+00	5.01E-01	7.53E-01	1.41E-01	2.54E-01	4.75E-02	5.23E+00	1.17E+00	9.93E-01	3.07E-01	4.75E-01	8.61E-02	0.00E+00	0.00E+00
1.36E+00	3.22E-01	1.65E+00	4.85E-01	6.52E-01	1.49E-01	2.40E-01	3.87E-02	5.37E+00	1.13E+00	1.01E+00	2.87E-01	4.31E-01	6.44E-02	0.00E+00	0.00E+00
1.53E+00	3.80E-01	2.24E+00	5.38E-01	6.97E-01	1.79E-01	2.71E-01	5.99E-02	6.27E+00	1.49E+00	1.31E+00	2.99E-01	5.03E-01	1.07E-01	0.00E+00	0.00E+00
3.28E+00	4.63E-01	6.69E+00	6.07E-01	2.37E+00	1.66E-01	3.44E-01	5.83E-02	1.82E+01	1.46E+00	3.27E+00	3.93E-01	6.48E-01	1.01E-01	0.00E+00	0.00E+00
2.46E+00	5.15E-01	4.60E+00	5.22E-01	1.51E+00	1.67E-01	3.35E-01	7.77E-02	1.34E+01	1.22E+00	2.33E+00	3.77E-01	6.46E-01	1.42E-01	0.00E+00	0.00E+00
3.63E+00	3.81E-01	2.81E+00	4.95E-01	7.91E-01	1.22E-01	6.14E-01	5.16E-02	6.75E+00	1.16E+00	2.70E+00	3.23E-01	1.20E+00	9.78E-02	0.00E+00	0.00E+00
3.62E+00	3.36E-01	2.24E+00	4.45E-01	8.67E-01	1.09E-01	7.01E-01	4.98E-02	6.15E+00	1.15E+00	2.34E+00	2.80E-01	1.35E+00	9.24E-02	0.00E+00	0.00E+00
1.67E+00	3.19E-01	2.41E+00	4.41E-01	7.68E-01	1.04E-01	2.74E-01	4.40E-02	7.45E+00	1.12E+00	1.54E+00	2.79E-01	5.67E-01	8.52E-02	0.00E+00	0.00E+00
1.97E+00	3.18E-01	3.18E+00	4.29E-01	7.64E-01	1.11E-01	3.20E-01	4.04E-02	9.39E+00	1.08E+00	1.86E+00	2.72E-01	5.84E-01	7.07E-02	0.00E+00	0.00E+00
2.07E+00	3.09E-01	3.13E+00	4.52E-01	7.85E-01	1.33E-01	3.28E-01	4.25E-02	8.75E+00	1.26E+00	1.90E+00	2.64E-01	6.72E-01	8.34E-02	0.00E+00	0.00E+00
2.32E+00	3.71E-01	3.51E+00	5.74E-01	9.32E-01	1.47E-01	3.18E-01	4.27E-02	8.72E+00	1.53E+00	1.92E+00	3.38E-01	6.21E-01	7.65E-02	0.00E+00	0.00E+00
2.10E+00	3.49E-01	3.70E+00	5.13E-01	9.91E-01	1.26E-01	2.66E-01	4.31E-02	8.87E+00	1.42E+00	1.94E+00	3.17E-01	5.31E-01	8.06E-02	0.00E+00	0.00E+00
2.09E+00	3.84E-01	3.13E+00	6.17E-01	8.55E-01	1.70E-01	2.67E-01	4.06E-02	8.46E+00	1.67E+00	1.86E+00	3.56E-01	5.20E-01	6.97E-02	0.00E+00	0.00E+00
2.27E+00	4.16E-01	3.45E+00	6.26E-01	9.56E-01	1.55E-01	3.05E-01	4.62E-02	9.25E+00	1.67E+00	2.06E+00	3.77E-01	5.93E-01	7.26E-02	0.00E+00	0.00E+00
2.23E+00	3.89E-01	3.44E+00	5.30E-01	8.85E-01	1.31E-01	3.26E-01	4.68E-02	1.11E+01	1.37E+00	1.96E+00	3.37E-01	7.08E-01	8.02E-02	0.00E+00	0.00E+00
2.48E+00	3.55E-01	3.40E+00	4.91E-01	8.73E-01	1.19E-01	2.94E-01	4.77E-02	9.48E+00	1.32E+00	2.18E+00	2.98E-01	6.06E-01	8.84E-02	0.00E+00	0.00E+00
2.70E+00	3.13E-01	3.83E+00	4.58E-01	1.06E+00	1.31E-01	3.35E-01	4.07E-02	8.87E+00	1.30E+00	2.33E+00	2.75E-01	5.18E-01	7.88E-02	0.00E+00	0.00E+00
3.01E+00	3.09E-01	4.32E+00	4.51E-01	1.20E+00	1.16E-01	3.68E-01	3.65E-02	1.03E+01	1.26E+00	2.63E+00	2.70E-01	5.61E-01	6.36E-02	0.00E+00	0.00E+00
3.80E+00	3.69E-01	5.96E+00	5.46E-01	1.71E+00	1.42E-01	4.28E-01	4.38E-02	1.45E+01	1.31E+00	3.42E+00	3.31E-01	6.64E-01	6.84E-02	0.00E+00	0.00E+00
4.24E+00	3.56E-01	5.62E+00	4.99E-01	1.44E+00	1.21E-01	5.61E-01	4.37E-02	1.21E+01	1.18E+00	3.54E+00	3.10E-01	9.39E-01	7.36E-02	0.00E+00	0.00E+00
3.23E+00	2.96E-01	4.46E+00	3.83E-01	1.24E+00	8.16E-02	4.77E-01	3.80E-02	1.10E+01	8.72E-01	2.76E+00	2.48E-01	8.89E-01	6.50E-02	0.00E+00	0.00E+00
3.67E+00	3.02E-01	4.98E+00	4.11E-01	1.30E+00	1.12E-01	4.70E-01	3.74E-02	1.11E+01	9.66E-01	3.13E+00	2.62E-01	7.61E-01	6.32E-02	0.00E+00	0.00E+00
2.28E+00	2.60E-01	2.82E+00	3.13E-01	6.74E-01	9.20E-02	3.10E-01	3.54E-02	7.07E+00	7.45E-01	1.89E+00	2.16E-01	5.36E-01	6.28E-02	0.00E+00	0.00E+00
1.73E+00	2.27E-01	2.28E+00	3.13E-01	5.87E-01	9.68E-02	2.49E-01	3.27E-02	6.45E+00	8.28E-01	1.40E+00	1.84E-01	4.51E-01	5.88E-02	0.00E+00	0.00E+00
1.53E+00	2.12E-01	2.07E+00	3.41E-01	5.90E-01	9.99E-02	2.05E-01	2.49E-02	6.33E+00	9.58E-01	1.27E+00	1.99E-01	4.10E-01	4.51E-02	0.00E+00	0.00E+00
1.72E+00	3.62E-01	2.11E+00	2.85E-01	6.94E-01	9.75E-02	2.87E-01	6.14E-02	7.24E+00	6.05E-01	1.30E+00	2.58E-01	5.51E-01	1.21E-01	0.00E+00	0.00E+00
2.15E+00	4.07E-01	2.45E+00	3.30E-01	9.69E-01	1.03E-01	3.34E-01	6.83E-02	7.18E+00	7.91E-01	1.70E+00	2.82E-01	6.14E-01	1.32E-01	0.00E+00	0.00E+00
1.88E+00	3.45E-01	2.30E+00	4.35E-01	8.83E-01	1.62E-01	3.06E-01	5.59E-02	7.22E+00	1.29E+00	1.55E+00	2.46E-01	5.83E-01	1.08E-01	0.00E+00	0.00E+00
1.83E+00	2.38E-01	2.30E+00	4.71E-01	8.36E-01	1.70E-01	3.67E-01	4.02E-02	7.11E+00	1.40E+00	1.30E+00	2.44E-01	6.92E-01	8.35E-02	0.00E+00	0.00E+00
2.09E+00	4.18E-01	2.42E+00	6.16E-01	8.82E-01	1.83E-01	3.37E-01	5.20E-02	7.82E+00	1.28E+00	1.60E+00	3.63E-01	6.65E-01	1.03E-01	0.00E+00	0.00E+00
1.77E+00	4.98E-01	2.13E+00	5.99E-01	7.73E-01	1.57E-01	2.99E-01	7.15E-02	6.66E+00	1.06E+00	1.29E+00	3.94E-01	5.88E-01	1.19E-01	0.00E+00	0.00E+00
1.54E+00	4.87E-01	2.67E+00	4.48E-01	6.89E-01	1.26E-01	2.70E-01	7.95E-02	1.16E+01	1.58E+00	1.54E+00	3.51E-01	5.22E-01	1.48E-01	0.00E+00	0.00E+00
2.20E+00	4.77E-01	3.92E+00	6.07E-01	1.19E+00	2.21E-01	3.20E-01	8.34E-02	1.34E+01	1.77E+00	2.09E+00	3.34E-01	6.24E-01	1.70E-01	0.00E+00	0.00E+00
2.31E+00	3.82E-01	2.77E+00	4.83E-01	1.48E+00	2.02E-01	3.91E-01	6.97E-02	9.13E+00	1.30E+00	1.70E+00	2.70E-01	7.65E-01	1.48E-01	0.00E+00	0.00E+00
2.47E+00	3.31E-01	2.86E+00	5.39E-01	8.99E-01	1.80E-01	3.51E-01	4.34E-02	6.03E+00	1.37E+00	1.98E+00	3.06E-01	6.22E-01	9.38E-02	0.00E+00	0.00E+00
1.90E+00	4.10E-01	2.58E+00	6.18E-01	1.01E+00	1.85E-01	3.78E-01	5.17E-02	7.55E+00	1.41E+00	1.58E+00	3.64E-01	7.09E-01	9.46E-02	0.00E+00	0.00E+00
3.03E+00	5.36E-01	4.73E+00	6.26E-01	1.53E+00	1.56E-01	4.46E-01	7.59E-02	9.70E+00	1.98E+00	2.60E+00	4.24E-01	8.28E-01	1.35E-01	0.00E+00	0.00E+00
2.33E+00	5.57E-01	3.17E+00	6.29E-01	8.67E-01	2.11E-01	4.39E-01	9.67E-02	8.28E+00	1.76E+00	2.08E+00	4.16E-01	8.05E-01	1.83E-01	0.00E+00	0.00E+00
1.98E+00	4.32E-01	1.84E+00	5.28E-01	7.71E-01	1.62E-01	3.87E-01	6.44E-02	5.42E+00	1.19E+00	1.33E+00	3.34E-01	7.04E-01	1.25E-01	0.00E+00	0.00E+00
2.00E+00	3.17E-01	1.55E+00	3.89E-01	5.02E-01	9.49E-02	3.55E-01	4.44E-02	5.00E+00	7.23E-01	1.13E+00	2.58E-01	6.28E-01	7.69E-02	0.00E+00	0.00E+00
1.44E+00	2.44E-01	1.64E+00	3.20E-01	6.20E-01	8.83E-02	2.59E-01	3.77E-02	4.91E+00	7.34E-01	8.95E-01	2.02E-01	4.94E-01	7.09E-02	0.00E+00	0.00E+00
1.54E+00	3.14E-01	1.74E+00	3.76E-01	6.19E-01	1.03E-01	2.82E-01	5.71E-02	5.42E+00	8.29E-01	9.43E-01	2.39E-01	5.28E-01	1.07E-01	0.00E+00	0.00E+00
1.32E+00	2.76E-01	1.44E+00	3.30E-01	5.10E-01	7.97E-02	2.55E-01	4.31E-02	4.97E+00	7.34E-01	8.24E-01	2.23E-01	4.63E-01	7.89E-02	0.00E+00	0.00E+00
1.15E+00	2.42E-01	1.38E+00	3.40E-01	4.74E-01	9.08E-02	2.02E-01	2.98E-02	4.97E+00	8.10E-01	8.32E-01	2.11E-01	4.12E-01	5.63E-02	0.00E+00	0.00E+00
1.48E+00	2.82E-01	2.34E+00	3.77E-01	7.91E-01	9.69E-02	2.66E-01	3.65E-02	7.54E+00	8.33E-01	1.21E+00	2.41E-01	5.37E-01	6.09E-02	0.00E+00	0.00E+00

Scenario 4 Results

2.18E+00	2.88E-01	2.67E+00	3.08E-01	8.57E-01	7.80E-02	3.74E-01	4.38E-02	8.80E+00	7.23E-01	1.54E+00	2.24E-01	7.35E-01	8.26E-02	0.00E+00	0.00E+00
1.95E+00	2.42E-01	2.10E+00	2.88E-01	8.27E-01	8.57E-02	3.19E-01	3.76E-02	5.61E+00	6.32E-01	1.43E+00	1.87E-01	6.15E-01	7.19E-02	0.00E+00	0.00E+00
1.60E+00	2.36E-01	1.52E+00	3.46E-01	7.44E-01	1.05E-01	2.78E-01	3.64E-02	4.26E+00	8.06E-01	1.09E+00	2.08E-01	5.37E-01	6.48E-02	0.00E+00	0.00E+00
1.89E+00	3.59E-01	2.25E+00	4.96E-01	7.71E-01	1.35E-01	3.21E-01	4.97E-02	6.58E+00	1.12E+00	1.32E+00	3.10E-01	6.04E-01	1.01E-01	0.00E+00	0.00E+00
2.04E+00	3.24E-01	2.07E+00	4.13E-01	8.88E-01	1.03E-01	3.30E-01	5.58E-02	5.78E+00	8.62E-01	1.54E+00	2.72E-01	6.22E-01	1.12E-01	0.00E+00	0.00E+00
2.14E+00	3.33E-01	2.05E+00	4.56E-01	5.52E-01	1.39E-01	4.08E-01	5.15E-02	6.03E+00	9.34E-01	1.44E+00	2.82E-01	8.22E-01	1.01E-01	0.00E+00	0.00E+00
1.47E+00	3.25E-01	1.82E+00	4.70E-01	6.00E-01	1.32E-01	2.64E-01	4.63E-02	5.72E+00	1.11E+00	1.04E+00	2.87E-01	4.96E-01	8.32E-02	0.00E+00	0.00E+00
1.42E+00	3.00E-01	1.57E+00	4.56E-01	4.83E-01	1.41E-01	2.51E-01	3.57E-02	5.09E+00	1.08E+00	9.22E-01	2.69E-01	4.42E-01	6.40E-02	0.00E+00	0.00E+00
1.39E+00	3.40E-01	1.95E+00	4.54E-01	5.59E-01	1.51E-01	2.47E-01	5.32E-02	5.70E+00	1.26E+00	1.13E+00	2.76E-01	4.53E-01	9.54E-02	0.00E+00	0.00E+00
2.78E+00	3.73E-01	5.63E+00	5.36E-01	2.07E+00	1.30E-01	3.03E-01	4.67E-02	1.60E+01	1.34E+00	2.81E+00	3.32E-01	5.86E-01	8.13E-02	0.00E+00	0.00E+00
2.28E+00	4.92E-01	4.49E+00	5.08E-01	1.22E+00	1.62E-01	2.79E-01	7.32E-02	1.14E+01	1.21E+00	2.17E+00	3.64E-01	5.48E-01	1.34E-01	0.00E+00	0.00E+00
2.90E+00	3.65E-01	3.41E+00	5.13E-01	1.17E+00	1.17E-01	4.30E-01	4.38E-02	8.35E+00	1.27E+00	2.44E+00	3.20E-01	8.81E-01	8.14E-02	0.00E+00	0.00E+00
4.05E+00	3.50E-01	2.32E+00	4.43E-01	8.59E-01	1.18E-01	7.68E-01	4.93E-02	7.09E+00	1.14E+00	2.67E+00	2.82E-01	1.47E+00	9.54E-02	0.00E+00	0.00E+00
2.62E+00	3.26E-01	2.47E+00	4.56E-01	7.18E-01	1.09E-01	5.16E-01	5.82E-02	7.42E+00	1.21E+00	1.71E+00	2.73E-01	1.02E+00	1.07E-01	0.00E+00	0.00E+00
1.71E+00	2.92E-01	2.78E+00	4.14E-01	8.28E-01	1.04E-01	2.77E-01	3.76E-02	7.38E+00	9.85E-01	1.58E+00	2.55E-01	5.28E-01	7.16E-02	0.00E+00	0.00E+00
1.97E+00	3.08E-01	3.04E+00	4.11E-01	8.28E-01	1.06E-01	3.11E-01	3.95E-02	8.99E+00	1.01E+00	1.84E+00	2.63E-01	5.68E-01	7.22E-02	0.00E+00	0.00E+00
2.20E+00	3.12E-01	3.13E+00	5.15E-01	7.79E-01	1.44E-01	3.17E-01	4.36E-02	9.26E+00	1.40E+00	1.94E+00	2.92E-01	6.57E-01	8.42E-02	0.00E+00	0.00E+00
2.16E+00	3.64E-01	3.42E+00	5.40E-01	9.05E-01	1.39E-01	2.90E-01	4.14E-02	8.66E+00	1.47E+00	1.81E+00	3.26E-01	5.57E-01	7.33E-02	0.00E+00	0.00E+00
2.00E+00	3.14E-01	3.19E+00	4.58E-01	8.58E-01	1.39E-01	2.54E-01	3.86E-02	8.77E+00	1.27E+00	1.85E+00	2.84E-01	4.56E-01	7.30E-02	0.00E+00	0.00E+00
1.99E+00	3.85E-01	3.01E+00	6.10E-01	7.87E-01	1.64E-01	2.49E-01	4.11E-02	8.09E+00	1.65E+00	1.77E+00	3.55E-01	4.94E-01	6.23E-02	0.00E+00	0.00E+00
2.14E+00	3.78E-01	3.22E+00	5.65E-01	9.17E-01	1.40E-01	2.86E-01	4.22E-02	8.54E+00	1.51E+00	1.94E+00	3.42E-01	5.65E-01	6.91E-02	0.00E+00	0.00E+00
2.09E+00	3.67E-01	3.37E+00	4.95E-01	8.61E-01	1.27E-01	2.58E-01	4.45E-02	1.08E+01	1.34E+00	1.90E+00	3.17E-01	6.58E-01	7.68E-02	0.00E+00	0.00E+00
2.37E+00	3.44E-01	3.25E+00	4.90E-01	8.57E-01	1.25E-01	2.92E-01	4.59E-02	1.01E+01	1.33E+00	2.09E+00	2.97E-01	5.53E-01	8.48E-02	0.00E+00	0.00E+00
2.97E+00	3.22E-01	4.32E+00	5.09E-01	1.22E+00	1.47E-01	3.61E-01	4.00E-02	1.02E+01	1.46E+00	2.60E+00	2.94E-01	5.53E-01	7.71E-02	0.00E+00	0.00E+00
3.76E+00	3.63E-01	5.69E+00	5.69E-01	1.62E+00	1.46E-01	4.35E-01	4.31E-02	1.42E+01	1.69E+00	3.37E+00	3.35E-01	6.39E-01	7.57E-02	0.00E+00	0.00E+00
3.65E+00	3.53E-01	5.68E+00	5.27E-01	1.62E+00	1.40E-01	4.13E-01	4.12E-02	1.39E+01	1.30E+00	3.28E+00	3.18E-01	6.33E-01	6.40E-02	0.00E+00	0.00E+00
3.42E+00	3.17E-01	4.67E+00	4.45E-01	1.23E+00	1.12E-01	4.42E-01	3.88E-02	9.72E+00	1.05E+00	2.91E+00	2.75E-01	7.33E-01	6.18E-02	0.00E+00	0.00E+00
3.50E+00	3.23E-01	4.19E+00	4.38E-01	1.17E+00	1.01E-01	5.21E-01	4.00E-02	1.25E+01	1.04E+00	2.75E+00	2.76E-01	9.51E-01	6.82E-02	0.00E+00	0.00E+00
2.90E+00	2.53E-01	3.93E+00	3.23E-01	1.07E+00	7.76E-02	3.78E-01	3.35E-02	9.15E+00	7.58E-01	2.47E+00	2.08E-01	6.22E-01	5.88E-02	0.00E+00	0.00E+00
2.24E+00	2.33E-01	2.84E+00	2.85E-01	7.17E-01	7.06E-02	3.02E-01	3.14E-02	5.88E+00	6.23E-01	1.87E+00	1.95E-01	5.18E-01	5.54E-02	0.00E+00	0.00E+00
2.21E+00	2.57E-01	2.65E+00	2.96E-01	6.30E-01	9.08E-02	3.09E-01	3.60E-02	7.31E+00	7.26E-01	1.82E+00	2.10E-01	5.42E-01	6.40E-02	0.00E+00	0.00E+00
1.93E+00	3.69E-01	2.16E+00	3.05E-01	8.77E-01	1.07E-01	3.08E-01	6.14E-02	6.06E+00	8.25E-01	1.55E+00	2.55E-01	5.73E-01	1.18E-01	0.00E+00	0.00E+00
1.52E+00	2.92E-01	1.94E+00	3.89E-01	6.99E-01	1.46E-01	2.96E-01	4.67E-02	6.56E+00	1.14E+00	1.24E+00	2.12E-01	5.55E-01	9.06E-02	0.00E+00	0.00E+00
1.75E+00	2.50E-01	2.15E+00	4.46E-01	8.24E-01	1.59E-01	3.49E-01	3.96E-02	6.92E+00	1.32E+00	1.27E+00	2.31E-01	6.46E-01	8.19E-02	0.00E+00	0.00E+00
1.75E+00	3.58E-01	1.91E+00	5.07E-01	6.81E-01	1.50E-01	3.13E-01	4.71E-02	6.15E+00	9.96E-01	1.32E+00	3.04E-01	6.10E-01	9.31E-02	0.00E+00	0.00E+00
1.53E+00	4.45E-01	1.86E+00	5.22E-01	6.74E-01	1.34E-01	2.61E-01	6.50E-02	5.75E+00	9.74E-01	1.15E+00	3.49E-01	5.17E-01	1.10E-01	0.00E+00	0.00E+00
1.40E+00	4.49E-01	2.53E+00	4.21E-01	6.42E-01	1.18E-01	2.47E-01	7.35E-02	1.09E+01	1.49E+00	1.45E+00	3.24E-01	4.81E-01	1.37E-01	0.00E+00	0.00E+00
1.87E+00	3.92E-01	3.04E+00	4.80E-01	9.25E-01	1.72E-01	2.85E-01	6.90E-02	1.03E+01	1.40E+00	1.62E+00	2.74E-01	5.20E-01	1.41E-01	0.00E+00	0.00E+00
2.26E+00	4.01E-01	3.14E+00	4.96E-01	1.67E+00	2.32E-01	3.70E-01	7.29E-02	1.06E+01	1.37E+00	1.72E+00	2.79E-01	7.21E-01	1.54E-01	0.00E+00	0.00E+00
3.06E+00	3.49E-01	3.79E+00	5.91E-01	1.21E+00	2.04E-01	4.14E-01	5.34E-02	8.03E+00	1.55E+00	2.52E+00	3.29E-01	7.06E-01	1.14E-01	0.00E+00	0.00E+00
1.81E+00	3.51E-01	2.06E+00	5.44E-01	7.50E-01	1.69E-01	3.35E-01	4.25E-02	6.65E+00	1.28E+00	1.44E+00	3.16E-01	6.28E-01	7.94E-02	0.00E+00	0.00E+00
2.47E+00	4.19E-01	3.73E+00	5.27E-01	1.28E+00	1.19E-01	3.61E-01	5.67E-02	7.09E+00	1.42E+00	2.08E+00	3.42E-01	6.50E-01	9.84E-02	0.00E+00	0.00E+00
2.52E+00	5.23E-01	3.65E+00	5.98E-01	7.97E-01	1.77E-01	3.82E-01	8.04E-02	9.08E+00	1.80E+00	2.23E+00	3.91E-01	7.14E-01	1.52E-01	0.00E+00	0.00E+00
2.21E+00	4.76E-01	1.92E+00	5.28E-01	7.71E-01	1.93E-01	4.24E-01	8.11E-02	6.02E+00	1.26E+00	1.42E+00	3.68E-01	7.75E-01	1.53E-01	0.00E+00	0.00E+00
2.04E+00	3.73E-01	2.09E+00	4.89E-01	6.56E-01	1.30E-01	3.74E-01	4.97E-02	6.36E+00	1.02E+00	1.35E+00	3.17E-01	7.24E-01	9.61E-02	0.00E+00	0.00E+00
1.74E+00	2.86E-01	1.97E+00	3.20E-01	6.61E-01	7.59E-02	2.93E-01	4.24E-02	6.34E+00	6.41E-01	1.02E+00	2.18E-01	5.18E-01	7.75E-02	0.00E+00	0.00E+00
1.31E+00	2.68E-01	1.70E+00	3.44E-01	4.78E-01	9.54E-02	2.36E-01	4.60E-02	5.97E+00	7.87E-01	9.02E-01	2.17E-01	4.50E-01	9.06E-02	0.00E+00	0.00E+00
1.20E+00	2.57E-01	1.30E+00	3.32E-01	5.31E-01	8.77E-02	2.27E-01	4.01E-02	3.86E+00	6.93E-01	7.29E-01	2.15E-01	4.21E-01	7.56E-02	0.00E+00	0.00E+00
1.12E+00	2.19E-01	1.26E+00	2.84E-01	4.70E-01	7.69E-02	2.08E-01	3.19E-02	4.51E+00	7.01E-01	7.31E-01	1.75E-01	4.15E-01	5.83E-02	0.00E+00	0.00E+00
1.23E+00	2.31E-01	1.17E+00	3.20E-01	3.90E-01	8.44E-02	2.28E-01	2.89E-02	5.07E+00	7.46E-01	8.35E-01	2.00E-01	4.49E-01	5.43E-02	0.00E+00	0.00E+00
1.62E+00	2.41E-01	1.77E+00	3.18E-01	7.38E-01	8.19E-02	2.83E-01	3.13E-02	6.11E+00	6.92E-01	1.14E+00	2.05E-01	5.42E-01	5.86E-02	0.00E+00	0.00E+00
2.39E+00	2.78E-01	2.76E+00	2.78E-01	1.07E+00	8.31E-02	4.35E-01	4.33E-02	8.17E+00	7.00E-01	1.62E+00	2.13E-01	8.50E-01	8.12E-02	0.00E+00	0.00E+00
1.66E+00	2.07E-01	2.10E+00	2.61E-01	8.09E-01	9.09E-02	2.83E-01	3.21E-02	5.55E+00	5.79E-01	1.20E+00	1.62E-01	5.67E-01	6.16E-02	0.00E+00	0.00E+00
1.38E+00	2.34E-01	1.35E+00	3.42E-01	7.31E-01	1.02E-01	2.50E-01	3.16E-02	4.25E+00	8.01E-01	9.23E-01	2.06E-01	4.88E-01	5.81E-02	0.00E+00	0.00E+00
1.44E+00	3.23E-01	1.82E+00	4.40E-01	7.50E-01	1.18E-01	2.60E-01	4.12E-02	6.06E+00	9.81E-01	1.05E+00	2.78E-01	5.45E-01	8.03E-02	0.00E+00	0.00E+00
1.87E+00	2.86E-01	1.86E+00	3.65E-01	7.04E-01	9.14E-02	3.08E-01	4.61E-02	5.36E+00	7.62E-01	1.39E+00	2.41E-01	5.90E-01	9.25E-02	0.00E+00	0.00E+00
1.80E+00	3.03E-01	1.60E+00	4.12E-01	5.22E-01	1.26E-01	3.44E-01	4.28E-02	4.67E+00	8.42E-01	1.21E+00	2.56E-01	6.95E-01	8.42E-02	0.00E+00	0.00E+00
1.32E+00	2.97E-01	1.72E+00	4.32E-01	5.33E-01	1.22E-01	2.38E-01	4.34E-02	5.44E+00	1.02E+00	9.80E-01	2.63E-01	4.47E-01	7.77E-02	0.00E+00	0.00E+00
1.33E+00	2.74E-01	1.43E+00	4.18E-01	4.47E-01	1.30E-01	2.35E-01	3.34E-02	4.74E+00	9.96E-01	8.61E-01	2.47E-01	4.18E-01	5.91E-02	0.00E+00	0.00E+00
1.33E+00	3.20E-01	1.73E+00	4.42E-01	5.26E-01	1.38E-01	2.34E-01	4.92E-02	5.69E+00	1.14E+00	1.03E+00	2.66E-01	4.36E-01	8.80E-02	0.00E+00	0.00E+00
2.16E+00	3.17E-01	4.35E+00	4.90E-01	1.60E+00	1.34E-01	2.52E-01	4.25E-02	1.28E+01	1.30E+00	2.22E+00	2.93E-01	5.00E-01	7.81E-02	0.00E+00	0.00E+00
2.19E+00	4.23E-01	4.42E+00	4.64E-01	1.38E+00	1.57E-01	2.49E-01	6.13E-02	1.02E+01	1.23E+00	2.10E+00	3.23E-01	4.94E-01	1.13E-01	0.00E+00	0.00E+00
2.30E+00	3.18E-01	3.58E+00	4.65E-01	1.23E+00	1.18E-01	2.93E-01	4.66E-02	9.37E+00	1.16E+00	2.08E+00	2.83E-01	6.00E-01	8.66E-02	0.00E+00	0.00E+00
3.74E+00	3.44E-01	2.25E+00	4.25E-01	6.55E-01	1.11E-01	6.82E-01	4.84E-02	7.64E+00	1.05E+00	2.60E+00	2.86E-01	1.33E+00	9.29E-02	0.00E+00	0.00E+00
3.47E+00	3.05E-01	2.13E+00	4.03E-01	7.87E-01	1.00E-01	6.81E-01	4.88E-02	5.75E+00	1.06E+00	2.21E+00	2.55E-01	1.32E+00	9.06E-02	0.00E+00	0.00E+00
1.51E+00	2.81E-01	2.18E+00	3.83E-01	6.66E-01	9.61E-02	2.79E-01	4.09E-02	6.91E+00	9.79E-01	1.40E+00	2.45E-01	5.69E-01	7.89E-02	0.00E+00	0.00E+00
1.80E+00	2.87E-01	2.85E+00	3.91E-01	7.60E-01	9.57E-02	2.71E-01	3.66E-02	7.81E+00	1.01E+00	1.67E+00	2.47E-01	5.02E-01	6.47E-02	0.00E+00	0.00E+00
1.83E+00	2.86E-01	2.77E+00	4.01E-01	7.94E-01	1.19E-01	2.86E-01	4.00E-02	7.81E+00	1.09E+00	1.68E+00	2.46E-01	5.70E-01	7.89E-02	0.00E+00	0.00E+00
2.17E+00	3.33E-01	2.98E+00	5.26E-01	7.69E-01	1.39E-01	2.63E-01	3.91E-02	8.77E+00	1.41E+00	1.84E+00	3.07E-01	5.51E-01	7.56E-02	0.00E+00	0.00E+00
1.87E+00	3.30E-01	2.87E+00	5.00E-01	7.64E-01	1.22E-01	2.63E-01	3.91E-02	8.44E+00	1.37E+00	1.68E+00	3.00E-01	5.17E-01	6.77E-02	0.00E+00	0.00E+00
1.93E+00	2.93E-01	2.92E+00	4.85E-01	7.38E-01	1.42E-01	2.31E-01	3.22E-02	8.20E+00	1.31E+00	1.78E+00	2.74E-01	4.18E-01	6.18E-02	0.00E+00	0.00E+00
1.80E+00	3.66E-01	2.73E+00	5.72E-01	6.84E-01	1.51E-01	2.23E-01	3.96E-02	7.34E+00	1.54E+00	1.63E+00	3.36E-01	4.50E-01	5.74E-02	0.00E+00	0.00E+00
1.94E+00	3.42E-01	2.89E+00	5.20E-01	1.02E+00	1.25E-01	2.47E-01	3.84E-02	7.90E+00	1.39E+00	1.75E+00	3.13E-01	5.06E-01	6.13E-02	0.00E+00	0.00E+00
2.02E+00	3.46E-01	3.42E+00	4.65E-01	8.91E-01	1.21E-01	2.59E-01	4.20E-02	1.08E+01	1.28E+00	1.90E+00	2.99E-01	5.87E-01	7.26E-02	0.00E+00	0.00E+00
2.17E+00	3.17E-01	3.16E+00	4.57E-01	7.64E-01	1.22E-01	2.65E-01	4.22E-02	1.01E+01	1.24E+00	1.91E+00	2.77E-01	4.88E-01	7.76E-02	0.00E+00	0.00E+00
2.93E+00	3.31E-01	4.31E+00	5.22E-01	1.23E+00	1.52E-01	3.54E-01	3.74E-02	1.01E+01	1.51E+00	2.59E+00	3.03E-01	5.40E-01	7.18E-02	0.00E+00	0.00E+00
3.18E+00	3.20E-01	4.74E+00	4.87E-01	1.34E+00	1.23E-01	3.75E-01	3.75E-02	1.16E+01	1.43E+00	2.83E+00	2.87E-01	5.63E-01	6.58E-02	0.00E+00	0.00E+00
2.84E+00	2.89E-01	4.06E+00	4.23E-01	1.13E+00	1.12E-01	3.49E-01	3.43E-02	9.63E+00	1.03E+00	2.48E+00	2.58E-01	5.38E-01	5.49E-02	0.00E+00	0.00E+00
3.17E+00	3.04E-01	4.46E+00	4.32E-01	1.20E+00	1.12E-01	3.99E-01	3.69E-02	9.62E+00	1.03E+00	2.74E+00	2.66E-01	6.53E-01	5.79E-02	0.00E+00	0.00E+00
2.45E+00	2.70E-01	2.96E+00	3.61E-01	9.07E-01	8.57E-02	3.55E-01	3.43E-02	8.64E+00	8.20E-01	1.97E+00	2.29E-01	6.48E-01	5.64E-02	0.00E+00	0.00E+00
1.66E+00	2.32E-01	2.72E+00	2.87E-01	6.87E-01	5.86E-02	2.44E-01	3.11E-02	7.53E+00	5.99E-01	1.56E+00	1.89E-01	4.82E-01	5.40E-02	0.00E+00	0.00E+00
2.04E+00	2.20E-01	2.63E+00	2.75E-01	6.92E-01	6.31E-02	2.75E-01	2.93E-02	6.08E+00	6.07E-01	1.71E+00	1.85E-01	4.71E-01	5.31E-02	0.00E+00	0.00E+00
1.41E+00	2.38E-01	1.70E+00	3.30E-01	5.55E-01	1.26E-01	2.77E-01	3.74E-02	5.83E+00	9.57E-01	9.47E-01	1.78E-01	5.16E-01	7.35E-02	0.00E+00	0.00E+00
1.39E+00	2.14E-01	1.72E+00	3.24E-01	6.18E-01	1.15E-01	2.78E-01	3.63E-02	5.62E+00	8.77E-01	1.00E+00	1.88E-01	5.08E-01	7.43E-02	0.00E+00	0.00E+00
1.79E+00	3.89E-01	2.08E+00	5.55E-01	7.24E-01	1.61E-01	2.99E-01	4.95E-02	6.92E+00	1.15E+00	1.38E+00	3.33E-01	5.85E-01	8.73E-02	0.00E+00	0.00E+00
1.40E+00	4.22E-01	1.78E+00	4.87E-01	6.43E-01	1.23E-01	2.45E-01	6.18E-02	5.64E+00	9.66E-01	1.08E+00	3.29E-01	4.75E-01	1.05E-01	0.00E+00	0.00E+00
1.34E+00	4.33E-01	2.54E+00	4.18E-01	6.39E-01	1.18E-01	2.36E-01	7.07E-02	1.09E+01	1.49E+00	1.46E+00	3.14E-01	4.68E-01	1.32E-01	0.00E+00	0.00E+00
1.67E+00	3.44E-01	2.60E+00	4.16E-01	7.95E-01	1.48E-01	2.57E-01	6.06E-02	8.85E+00	1.22E+00	1.39E+00	2.40E-01	4.61E-01	1.24E-01	0.00E+00	0.00E+00
1.86E+00	3.19E-01	2.32E+00	3.93E-01	1.21E+00	1.74E-01	3.16E-01	5.82E-02	7.99E+00	1.08E+00	1.38E+00	2.24E-01	6.21E-01	1.24E-01	0.00E+00	0.00E+00
2.40E+00	2.92E-01	2.93E+00	4.90E-01	9.36E-01	1.67E-01	3.30E-01	4.63E-02	6.05E+00	1.28E+00	1.97E+00	2.75E-01	5.67E-01	9.87E-02	0.00E+00	0.00E+00
2.00E+00	3.32E-01	2.16E+00	5.31E-01	7.96E-01	1.71E-01	3.33E-01	3.91E-02	7.10E+00	1.29E+00	1.60E+00	3.03E-01	6.27E-01	7.56E-02	0.00E+00	0.00E+00
2.37E+00	3.73E-01	3.58E+00	5.02E-01	1.28E+00	1.23E-01	3.53E-01	4.83E-02	6.63E+00	1.26E+00	1.99E+00	3.14E-01	6.40E-01	8.36E-02	0.00E+00	0.00E+00
2.28E+00	4.31E-01	3.32E+00	4.83E-01	8.41E-01	1.28E-01	3.14E-01	6.44E-02	7.65E+00	1.50E+00	1.98E+00	3.28E-01	5.61E-01	1.18E-01	0.00E+00	0.00E+00
1.88E+00	4.44E-01	1.95E+00	4.89E-01	7.64E-01	1.84E-01	3.57E-01	8.09E-02	5.83E+00	1.16E+00	1.52E+00	3.47E-01	6.63E-01	1.51E-01	0.00E+00	0.00E+00
2.07E+00	3.92E-01	2.14E+00	5.03E-01	7.70E-01	1.39E-01	3.62E-01	5.84E-02	6.38E+00	1.14E+00	1.43E+00	3.19E-01	6.84E-01	1.12E-01	0.00E+00	0.00E+00

Scenario 4 Results

2.51E+00	3.44E-01	2.47E+00	4.18E-01	7.64E-01	1.05E-01	4.42E-01	4.85E-02	8.29E+00	7.71E-01	1.38E+00	2.77E-01	7.62E-01	8.51E-02	0.00E+00	0.00E+00
1.68E+00	2.76E-01	2.24E+00	3.61E-01	8.86E-01	9.92E-02	3.05E-01	4.64E-02	8.54E+00	8.46E-01	1.26E+00	2.26E-01	5.74E-01	8.69E-02	0.00E+00	0.00E+00
1.83E+00	3.70E-01	2.40E+00	3.87E-01	9.31E-01	1.07E-01	3.43E-01	6.72E-02	7.07E+00	8.60E-01	1.21E+00	2.45E-01	6.35E-01	1.27E-01	0.00E+00	0.00E+00
1.49E+00	2.83E-01	1.40E+00	3.25E-01	5.48E-01	8.08E-02	2.98E-01	4.57E-02	4.65E+00	6.74E-01	9.36E-01	2.18E-01	5.45E-01	8.54E-02	0.00E+00	0.00E+00
1.26E+00	2.28E-01	1.46E+00	3.21E-01	5.12E-01	9.47E-02	2.43E-01	3.10E-02	5.35E+00	7.75E-01	9.88E-01	1.99E-01	4.95E-01	5.85E-02	0.00E+00	0.00E+00
1.46E+00	2.48E-01	2.08E+00	3.35E-01	6.31E-01	8.82E-02	2.76E-01	3.17E-02	7.07E+00	7.60E-01	1.09E+00	2.13E-01	5.54E-01	5.87E-02	0.00E+00	0.00E+00
1.78E+00	2.28E-01	1.82E+00	2.82E-01	6.53E-01	7.15E-02	3.25E-01	3.36E-02	6.52E+00	6.05E-01	1.22E+00	1.82E-01	6.44E-01	6.49E-02	0.00E+00	0.00E+00
2.09E+00	2.50E-01	2.15E+00	2.50E-01	9.59E-01	7.63E-02	3.94E-01	3.94E-02	5.58E+00	6.58E-01	1.50E+00	1.92E-01	7.87E-01	7.52E-02	0.00E+00	0.00E+00
1.24E+00	1.74E-01	1.92E+00	2.31E-01	6.32E-01	8.77E-02	2.08E-01	2.60E-02	4.69E+00	5.27E-01	1.00E+00	1.43E-01	4.26E-01	4.99E-02	0.00E+00	0.00E+00
1.38E+00	2.34E-01	1.34E+00	3.40E-01	4.18E-01	9.98E-02	2.47E-01	2.93E-02	4.28E+00	7.98E-01	8.63E-01	2.06E-01	4.71E-01	5.53E-02	0.00E+00	0.00E+00
1.40E+00	2.95E-01	1.75E+00	3.97E-01	5.72E-01	1.04E-01	2.50E-01	3.79E-02	5.76E+00	8.78E-01	1.01E+00	2.53E-01	5.05E-01	6.75E-02	0.00E+00	0.00E+00
1.71E+00	2.54E-01	1.74E+00	3.24E-01	6.47E-01	8.75E-02	2.90E-01	3.84E-02	5.04E+00	6.80E-01	1.26E+00	2.14E-01	5.62E-01	7.75E-02	0.00E+00	0.00E+00
1.55E+00	2.78E-01	1.37E+00	3.79E-01	5.00E-01	1.15E-01	2.98E-01	3.71E-02	3.82E+00	7.73E-01	1.05E+00	2.36E-01	6.05E-01	7.22E-02	0.00E+00	0.00E+00
9.56E-01	2.64E-01	1.37E+00	3.84E-01	4.27E-01	1.08E-01	1.71E-01	3.83E-02	4.29E+00	9.10E-01	7.90E-01	2.35E-01	3.23E-01	6.87E-02	0.00E+00	0.00E+00
1.34E+00	2.60E-01	1.43E+00	3.99E-01	4.50E-01	1.24E-01	2.35E-01	3.18E-02	4.75E+00	9.65E-01	8.43E-01	2.35E-01	4.23E-01	5.96E-02	0.00E+00	0.00E+00
1.01E+00	2.68E-01	1.49E+00	3.98E-01	4.34E-01	1.17E-01	1.75E-01	3.97E-02	4.86E+00	9.34E-01	8.81E-01	2.39E-01	3.33E-01	7.11E-02	0.00E+00	0.00E+00
1.16E+00	2.54E-01	2.29E+00	3.54E-01	8.31E-01	1.04E-01	1.67E-01	3.52E-02	6.87E+00	9.52E-01	1.19E+00	2.11E-01	3.37E-01	6.43E-02	0.00E+00	0.00E+00
1.64E+00	2.92E-01	3.31E+00	3.48E-01	1.13E+00	1.19E-01	1.82E-01	4.08E-02	8.24E+00	9.38E-01	1.60E+00	2.32E-01	3.54E-01	7.42E-02	0.00E+00	0.00E+00
1.73E+00	2.92E-01	2.77E+00	3.52E-01	9.25E-01	9.47E-02	2.07E-01	4.35E-02	7.65E+00	8.65E-01	1.59E+00	2.18E-01	4.07E-01	8.03E-02	0.00E+00	0.00E+00
3.14E+00	3.09E-01	2.31E+00	4.02E-01	7.21E-01	9.81E-02	5.41E-01	4.18E-02	6.28E+00	9.55E-01	2.33E+00	2.62E-01	1.08E+00	7.89E-02	0.00E+00	0.00E+00
3.88E+00	2.93E-01	2.05E+00	3.88E-01	8.47E-01	1.01E-01	7.54E-01	4.05E-02	6.09E+00	1.00E+00	2.48E+00	2.48E-01	1.45E+00	7.65E-02	0.00E+00	0.00E+00
2.12E+00	2.67E-01	2.02E+00	3.92E-01	6.76E-01	8.96E-02	4.19E-01	4.61E-02	6.20E+00	1.04E+00	1.40E+00	2.40E-01	8.37E-01	8.53E-02	0.00E+00	0.00E+00
1.44E+00	2.58E-01	2.24E+00	3.66E-01	6.62E-01	9.26E-02	2.25E-01	3.13E-02	6.17E+00	8.94E-01	1.30E+00	2.26E-01	4.34E-01	5.98E-02	0.00E+00	0.00E+00
1.76E+00	2.72E-01	2.71E+00	3.67E-01	7.53E-01	9.05E-02	2.41E-01	3.48E-02	7.60E+00	9.26E-01	1.62E+00	2.34E-01	4.45E-01	6.44E-02	0.00E+00	0.00E+00
1.86E+00	2.71E-01	2.66E+00	4.48E-01	7.39E-01	1.26E-01	2.76E-01	4.08E-02	7.49E+00	1.22E+00	1.66E+00	2.54E-01	5.52E-01	8.02E-02	0.00E+00	0.00E+00
1.99E+00	3.25E-01	2.55E+00	4.90E-01	6.87E-01	1.27E-01	2.56E-01	3.62E-02	7.32E+00	1.30E+00	1.63E+00	2.94E-01	4.87E-01	6.06E-02	0.00E+00	0.00E+00
1.64E+00	2.88E-01	2.55E+00	4.32E-01	6.60E-01	1.01E-01	2.15E-01	3.48E-02	7.41E+00	1.18E+00	1.53E+00	2.63E-01	4.34E-01	5.82E-02	0.00E+00	0.00E+00
1.77E+00	2.94E-01	2.61E+00	4.80E-01	6.79E-01	1.36E-01	1.97E-01	3.09E-02	7.24E+00	1.30E+00	1.61E+00	2.74E-01	3.77E-01	4.83E-02	0.00E+00	0.00E+00
1.57E+00	3.30E-01	2.35E+00	5.06E-01	6.60E-01	1.29E-01	2.00E-01	3.61E-02	6.30E+00	1.35E+00	1.43E+00	3.01E-01	4.06E-01	5.37E-02	0.00E+00	0.00E+00
1.69E+00	3.02E-01	2.61E+00	4.50E-01	9.30E-01	1.08E-01	2.27E-01	3.37E-02	7.41E+00	1.18E+00	1.51E+00	2.73E-01	4.68E-01	5.34E-02	0.00E+00	0.00E+00
1.93E+00	3.18E-01	3.43E+00	4.27E-01	8.98E-01	1.10E-01	2.26E-01	3.86E-02	1.07E+01	1.17E+00	1.91E+00	2.74E-01	5.34E-01	6.69E-02	0.00E+00	0.00E+00
2.01E+00	2.87E-01	3.15E+00	4.17E-01	6.89E-01	1.17E-01	2.39E-01	3.80E-02	1.00E+01	1.14E+00	1.90E+00	2.54E-01	4.47E-01	6.99E-02	0.00E+00	0.00E+00
2.18E+00	2.78E-01	3.06E+00	4.23E-01	8.60E-01	1.23E-01	2.77E-01	3.15E-02	7.23E+00	1.22E+00	1.88E+00	2.55E-01	4.42E-01	6.03E-02	0.00E+00	0.00E+00
2.65E+00	2.82E-01	3.86E+00	4.21E-01	1.08E+00	1.08E-01	3.23E-01	3.26E-02	9.06E+00	1.22E+00	2.33E+00	2.48E-01	4.99E-01	5.70E-02	0.00E+00	0.00E+00
2.83E+00	2.71E-01	4.09E+00	3.99E-01	1.13E+00	1.07E-01	3.43E-01	3.18E-02	9.75E+00	9.81E-01	2.49E+00	2.43E-01	5.30E-01	5.43E-02	0.00E+00	0.00E+00
2.37E+00	2.61E-01	3.37E+00	3.66E-01	9.21E-01	9.47E-02	3.05E-01	3.21E-02	7.36E+00	8.62E-01	2.07E+00	2.27E-01	4.92E-01	5.12E-02	0.00E+00	0.00E+00
2.22E+00	2.60E-01	2.71E+00	3.51E-01	8.47E-01	8.62E-02	3.13E-01	3.28E-02	7.37E+00	8.00E-01	1.83E+00	2.21E-01	5.66E-01	5.36E-02	0.00E+00	0.00E+00
1.61E+00	2.42E-01	2.80E+00	3.08E-01	8.02E-01	6.81E-02	2.52E-01	3.17E-02	7.93E+00	6.67E-01	1.56E+00	2.00E-01	4.93E-01	5.39E-02	0.00E+00	0.00E+00
1.51E+00	2.51E-01	1.94E+00	3.87E-01	6.91E-01	1.22E-01	2.74E-01	3.76E-02	6.38E+00	1.00E+00	1.15E+00	2.24E-01	5.03E-01	7.65E-02	0.00E+00	0.00E+00
1.41E+00	3.12E-01	1.67E+00	4.21E-01	5.91E-01	1.22E-01	2.58E-01	4.20E-02	5.29E+00	7.94E-01	1.03E+00	2.60E-01	5.03E-01	7.38E-02	0.00E+00	0.00E+00
1.33E+00	4.14E-01	1.81E+00	4.78E-01	6.55E-01	1.18E-01	2.40E-01	6.06E-02	6.03E+00	1.00E+00	1.04E+00	3.24E-01	4.57E-01	1.04E-01	0.00E+00	0.00E+00
1.17E+00	3.80E-01	2.24E+00	3.70E-01	5.55E-01	1.03E-01	2.11E-01	6.25E-02	9.45E+00	1.31E+00	1.28E+00	2.73E-01	4.18E-01	1.18E-01	0.00E+00	0.00E+00
1.85E+00	3.72E-01	3.08E+00	4.78E-01	9.42E-01	1.70E-01	2.74E-01	6.50E-02	1.05E+01	1.43E+00	1.64E+00	2.61E-01	4.93E-01	1.33E-01	0.00E+00	0.00E+00
1.61E+00	2.81E-01	2.07E+00	3.45E-01	1.02E+00	1.51E-01	2.75E-01	5.11E-02	7.13E+00	9.49E-01	1.19E+00	1.96E-01	5.43E-01	1.09E-01	0.00E+00	0.00E+00
2.25E+00	2.71E-01	2.79E+00	4.57E-01	9.35E-01	1.56E-01	3.07E-01	4.52E-02	5.85E+00	1.21E+00	1.86E+00	2.56E-01	5.24E-01	9.62E-02	0.00E+00	0.00E+00
1.79E+00	2.90E-01	1.93E+00	4.67E-01	7.12E-01	1.52E-01	2.84E-01	3.27E-02	5.87E+00	1.15E+00	1.43E+00	2.67E-01	5.37E-01	6.38E-02	0.00E+00	0.00E+00
1.89E+00	3.15E-01	2.82E+00	4.45E-01	1.03E+00	1.17E-01	2.97E-01	4.13E-02	5.09E+00	9.61E-01	1.58E+00	2.72E-01	5.43E-01	7.03E-02	0.00E+00	0.00E+00
2.40E+00	3.94E-01	3.60E+00	4.60E-01	1.01E+00	1.15E-01	3.22E-01	5.72E-02	8.03E+00	1.50E+00	2.09E+00	3.05E-01	5.75E-01	1.04E-01	0.00E+00	0.00E+00
1.73E+00	3.89E-01	2.12E+00	4.43E-01	6.31E-01	1.56E-01	3.04E-01	6.91E-02	5.34E+00	1.18E+00	1.50E+00	2.96E-01	5.49E-01	1.30E-01	0.00E+00	0.00E+00
1.71E+00	3.65E-01	1.62E+00	4.28E-01	6.55E-01	1.33E-01	3.35E-01	5.53E-02	5.12E+00	1.01E+00	1.10E+00	2.82E-01	6.01E-01	1.07E-01	0.00E+00	0.00E+00
2.04E+00	3.13E-01	2.06E+00	4.04E-01	6.61E-01	1.07E-01	3.70E-01	4.20E-02	6.84E+00	8.35E-01	1.22E+00	2.64E-01	6.84E-01	7.53E-02	0.00E+00	0.00E+00
1.48E+00	2.44E-01	1.80E+00	2.73E-01	6.82E-01	7.43E-02	2.48E-01	3.85E-02	5.41E+00	6.41E-01	1.02E+00	1.83E-01	4.74E-01	7.10E-02	0.00E+00	0.00E+00
1.50E+00	2.85E-01	2.39E+00	3.57E-01	7.54E-01	9.96E-02	2.74E-01	4.87E-02	7.97E+00	8.27E-01	1.25E+00	2.24E-01	5.17E-01	9.75E-02	0.00E+00	0.00E+00
1.94E+00	3.53E-01	1.96E+00	3.77E-01	1.00E+00	1.03E-01	3.65E-01	6.64E-02	5.54E+00	7.86E-01	1.17E+00	2.43E-01	6.75E-01	1.24E-01	0.00E+00	0.00E+00
1.87E+00	2.76E-01	1.90E+00	3.04E-01	6.53E-01	9.20E-02	3.30E-01	4.50E-02	6.04E+00	8.27E-01	1.14E+00	2.09E-01	6.18E-01	8.37E-02	0.00E+00	0.00E+00
1.63E+00	2.49E-01	1.81E+00	3.44E-01	6.51E-01	9.78E-02	2.86E-01	3.34E-02	6.99E+00	8.09E-01	1.13E+00	2.16E-01	5.49E-01	6.44E-02	0.00E+00	0.00E+00
1.39E+00	2.37E-01	2.30E+00	3.15E-01	8.69E-01	8.65E-02	2.39E-01	3.06E-02	6.93E+00	6.99E-01	1.17E+00	2.02E-01	4.89E-01	5.42E-02	0.00E+00	0.00E+00
1.45E+00	2.11E-01	1.82E+00	2.33E-01	5.81E-01	5.95E-02	2.73E-01	3.17E-02	6.01E+00	5.13E-01	1.02E+00	1.66E-01	5.51E-01	5.81E-02	0.00E+00	0.00E+00
1.48E+00	2.03E-01	1.50E+00	2.27E-01	5.87E-01	6.56E-02	2.62E-01	3.17E-02	3.89E+00	5.25E-01	1.11E+00	1.57E-01	5.37E-01	6.07E-02	0.00E+00	0.00E+00
1.07E+00	1.64E-01	1.51E+00	2.31E-01	4.54E-01	7.62E-02	1.85E-01	2.29E-02	3.22E+00	5.54E-01	8.20E-01	1.39E-01	3.49E-01	3.86E-02	0.00E+00	0.00E+00
1.48E+00	2.36E-01	1.34E+00	3.41E-01	4.22E-01	9.83E-02	2.62E-01	2.92E-02	4.34E+00	8.02E-01	8.88E-01	2.08E-01	4.85E-01	5.65E-02	0.00E+00	0.00E+00
1.18E+00	2.58E-01	1.70E+00	3.44E-01	5.66E-01	8.88E-02	2.10E-01	3.35E-02	5.39E+00	7.49E-01	9.70E-01	2.21E-01	4.19E-01	5.62E-02	0.00E+00	0.00E+00
1.30E+00	2.16E-01	1.64E+00	2.77E-01	6.26E-01	7.80E-02	2.27E-01	2.98E-02	4.74E+00	5.85E-01	9.43E-01	1.83E-01	4.47E-01	5.62E-02	0.00E+00	0.00E+00
1.34E+00	2.57E-01	1.26E+00	3.49E-01	4.82E-01	1.06E-01	2.57E-01	3.43E-02	3.08E+00	7.10E-01	9.05E-01	2.18E-01	5.25E-01	6.18E-02	0.00E+00	0.00E+00
8.11E-01	2.41E-01	1.22E+00	3.51E-01	3.76E-01	9.90E-02	1.38E-01	3.52E-02	3.80E+00	8.34E-01	7.27E-01	2.14E-01	2.62E-01	6.30E-02	0.00E+00	0.00E+00
1.05E+00	2.36E-01	1.22E+00	3.51E-01	4.22E-01	1.08E-01	1.86E-01	2.90E-02	3.92E+00	8.48E-01	7.59E-01	2.08E-01	3.37E-01	4.84E-02	0.00E+00	0.00E+00
9.04E-01	2.30E-01	1.25E+00	3.43E-01	4.33E-01	1.02E-01	1.18E-01	2.95E-02	4.05E+00	8.04E-01	7.85E-01	2.05E-01	2.30E-01	5.30E-02	0.00E+00	0.00E+00
1.03E+00	2.21E-01	1.84E+00	3.04E-01	5.55E-01	8.65E-02	1.26E-01	3.09E-02	6.18E+00	7.63E-01	9.97E-01	1.87E-01	2.56E-01	5.61E-02	0.00E+00	0.00E+00
1.39E+00	2.27E-01	2.78E+00	2.88E-01	1.00E+00	9.92E-02	1.53E-01	3.16E-02	7.54E+00	8.00E-01	1.38E+00	1.88E-01	3.01E-01	5.67E-02	0.00E+00	0.00E+00
1.45E+00	2.77E-01	2.57E+00	2.87E-01	7.46E-01	8.99E-02	1.85E-01	4.14E-02	6.63E+00	6.88E-01	1.35E+00	2.06E-01	3.67E-01	7.62E-02	0.00E+00	0.00E+00
2.48E+00	2.62E-01	2.28E+00	3.53E-01	7.92E-01	8.51E-02	3.98E-01	3.47E-02	5.10E+00	8.55E-01	1.96E+00	2.26E-01	8.07E-01	6.36E-02	0.00E+00	0.00E+00
3.80E+00	2.76E-01	1.92E+00	3.55E-01	6.97E-01	9.43E-02	7.26E-01	4.10E-02	5.82E+00	9.03E-01	2.48E+00	2.26E-01	1.40E+00	7.85E-02	0.00E+00	0.00E+00
2.79E+00	2.59E-01	1.87E+00	3.63E-01	7.25E-01	9.23E-02	5.51E-01	4.52E-02	5.19E+00	9.72E-01	1.80E+00	2.17E-01	1.08E+00	8.30E-02	0.00E+00	0.00E+00
1.27E+00	2.53E-01	1.82E+00	3.40E-01	5.63E-01	8.73E-02	2.13E-01	3.36E-02	5.69E+00	8.61E-01	1.17E+00	2.20E-01	4.39E-01	6.55E-02	0.00E+00	0.00E+00
1.59E+00	2.51E-01	2.46E+00	3.45E-01	6.47E-01	8.46E-02	2.12E-01	3.12E-02	6.64E+00	9.05E-01	1.46E+00	2.18E-01	3.97E-01	5.40E-02	0.00E+00	0.00E+00
1.58E+00	2.47E-01	2.32E+00	3.46E-01	7.28E-01	1.02E-01	2.54E-01	3.80E-02	7.03E+00	9.39E-01	1.44E+00	2.13E-01	5.12E-01	7.77E-02	0.00E+00	0.00E+00
1.90E+00	2.92E-01	2.46E+00	4.63E-01	7.89E-01	1.23E-01	2.30E-01	3.54E-02	7.23E+00	1.25E+00	1.61E+00	2.70E-01	4.47E-01	7.22E-02	0.00E+00	0.00E+00
1.62E+00	3.00E-01	2.28E+00	4.35E-01	6.56E-01	1.10E-01	2.27E-01	3.50E-02	6.53E+00	1.18E+00	1.38E+00	2.67E-01	4.47E-01	5.58E-02	0.00E+00	0.00E+00
1.58E+00	2.44E-01	2.44E+00	3.59E-01	6.19E-01	1.06E-01	2.01E-01	2.98E-02	6.77E+00	9.79E-01	1.46E+00	2.22E-01	3.75E-01	5.14E-02	0.00E+00	0.00E+00
1.57E+00	2.90E-01	2.37E+00	4.65E-01	6.14E-01	1.26E-01	2.13E-01	3.06E-02	6.32E+00	1.26E+00	1.41E+00	2.69E-01	4.23E-01	4.28E-02	0.00E+00	0.00E+00
1.43E+00	2.98E-01	2.14E+00	4.49E-01	7.16E-01	1.15E-01	2.08E-01	3.30E-02	5.44E+00	1.20E+00	1.28E+00	2.71E-01	4.25E-01	5.04E-02	0.00E+00	0.00E+00
1.56E+00	2.94E-01	2.86E+00	4.36E-01	1.01E+00	1.03E-01	1.94E-01	3.30E-02	8.08E+00	1.14E+00	1.50E+00	2.66E-01	4.54E-01	5.26E-02	0.00E+00	0.00E+00
1.89E+00	2.86E-01	3.32E+00	3.87E-01	8.45E-01	9.88E-02	2.11E-01	3.50E-02	1.03E+01	1.06E+00	1.87E+00	2.47E-01	5.05E-01	6.08E-02	0.00E+00	0.00E+00
1.91E+00	2.56E-01	3.02E+00	3.72E-01	6.46E-01	1.05E-01	2.25E-01	3.37E-02	9.47E+00	1.06E+00	1.83E+00	2.28E-01	4.26E-01	6.19E-02	0.00E+00	0.00E+00
2.02E+00	2.89E-01	2.84E+00	4.39E-01	8.06E-01	1.30E-01	2.58E-01	3.00E-02	7.36E+00	1.27E+00	1.74E+00	2.66E-01	4.15E-01	5.72E-02	0.00E+00	0.00E+00
2.55E+00	2.89E-01	3.73E+00	4.42E-01	1.05E+00	1.14E-01	3.08E-01	3.33E-02	8.70E+00	1.31E+00	2.25E+00	2.58E-01	4.77E-01	5.82E-02	0.00E+00	0.00E+00
2.84E+00	2.59E-01	4.19E+00	3.88E-01	1.16E+00	1.06E-01	3.38E-01	2.99E-02	1.01E+01	1.07E+00	2.52E+00	2.35E-01	5.18E-01	5.61E-02	0.00E+00	0.00E+00
2.45E+00	2.51E-01	3.39E+00	3.60E-01	9.13E-01	9.46E-02	3.07E-01	3.03E-02	7.78E+00	8.63E-01	2.11E+00	2.22E-01	4.92E-01	4.80E-02	0.00E+00	0.00E+00
1.92E+00	2.40E-01	2.43E+00	3.26E-01	7.27E-01	8.14E-02	2.65E-01	3.04E-02	5.81E+00	7.41E-01	1.61E+00	2.06E-01	4.75E-01	4.97E-02	0.00E+00	0.00E+00
1.34E+00	3.15E-01	1.66E+00	4.21E-01	6.04E-01	1.20E-01	2.46E-01	4.24E-02	5.19E+00	8.06E-01	9.90E-01	2.62E-01	5.02E-01	6.85E-02	0.00E+00	0.00E+00
1.09E+00	3.50E-01	1.48E+00	3.87E-01	5.73E-01	9.31E-02	2.06E-01	5.28E-02	5.31E+00	8.80E-01	8.82E-01	2.69E-01	4.03E-01	9.19E-02	0.00E+00	0.00E+00
1.09E+00	3.36E-01	2.00E+00	3.30E-01	5.05E-01	9.07E-02	1.91E-01	5.58E-02	8.33E+00	1.17E+00	1.14E+00	2.40E-01	3.77E-01	1.06E-01	0.00E+00	0.00E+00
1.46E+00	2.90E-01	2.19E+00	3.51E-01	6.81E-01	1.24E-01	2.29E-01	5.12E-02	7.39E+00	1.04E+00	1.16E+00	2.03E-01	4.19E-01	1.05E-01	0.00E+00	0.00E+00
1.41E+00	2.52E-01	1.90E+00	3.09E-01	8.90E-01	1.35E-01	2.43E-01	4.58E-02	6.52E+00	8.51E-01	1.05E+00	1.76E-01	4.82E-01	9.72E-02	0.00E+00	0.00E+00
1.68E+00	2.25E-01	2.03E+00	3.72E-01	7.19E-01	1.24E-01	2.33E-01	3.68E-02	4.22E+00	9.81E-01	1.37E+00	2.11E-01	4.07E-01	7.85E-02	0.00E+00	0.00E+00

Scenario 4 Results

1.80E+00	2.72E-01	1.98E+00	4.44E-01	7.40E-01	1.46E-01	2.67E-01	3.02E-02	5.64E+00	1.12E+00	1.44E+00	2.52E-01	5.08E-01	5.94E-02	0.00E+00	0.00E+00
1.70E+00	2.98E-01	2.61E+00	4.36E-01	9.91E-01	1.22E-01	2.84E-01	4.00E-02	5.17E+00	9.62E-01	1.44E+00	2.60E-01	5.27E-01	6.86E-02	0.00E+00	0.00E+00
2.10E+00	3.27E-01	3.14E+00	3.87E-01	9.38E-01	9.78E-02	2.72E-01	4.58E-02	6.73E+00	1.22E+00	1.81E+00	2.61E-01	4.91E-01	8.21E-02	0.00E+00	0.00E+00
1.65E+00	3.48E-01	2.13E+00	3.94E-01	4.87E-01	1.24E-01	2.54E-01	5.41E-02	5.16E+00	1.11E+00	1.44E+00	2.62E-01	4.64E-01	1.03E-01	0.00E+00	0.00E+00
1.50E+00	3.28E-01	1.39E+00	3.72E-01	5.17E-01	1.27E-01	2.91E-01	5.56E-02	4.35E+00	8.87E-01	9.70E-01	2.54E-01	5.27E-01	1.05E-01	0.00E+00	0.00E+00
1.45E+00	2.62E-01	1.58E+00	3.54E-01	4.96E-01	9.58E-02	2.56E-01	3.79E-02	4.88E+00	7.79E-01	9.91E-01	2.27E-01	4.89E-01	7.44E-02	0.00E+00	0.00E+00
1.82E+00	2.47E-01	1.85E+00	2.91E-01	6.43E-01	7.07E-02	3.16E-01	3.55E-02	5.83E+00	5.39E-01	1.02E+00	1.96E-01	5.31E-01	6.34E-02	0.00E+00	0.00E+00
1.11E+00	2.07E-01	1.64E+00	2.87E-01	4.87E-01	7.94E-02	1.99E-01	3.23E-02	5.93E+00	6.77E-01	8.82E-01	1.79E-01	3.77E-01	5.98E-02	0.00E+00	0.00E+00
1.71E+00	3.38E-01	2.20E+00	3.58E-01	9.37E-01	1.00E-01	3.18E-01	6.11E-02	6.08E+00	7.97E-01	1.09E+00	2.26E-01	5.92E-01	1.16E-01	0.00E+00	0.00E+00
1.67E+00	2.86E-01	1.87E+00	3.19E-01	6.27E-01	8.20E-02	3.33E-01	4.75E-02	6.17E+00	6.80E-01	1.07E+00	2.15E-01	5.99E-01	9.13E-02	0.00E+00	0.00E+00
1.70E+00	2.24E-01	2.02E+00	3.16E-01	7.26E-01	1.02E-01	3.02E-01	3.39E-02	6.17E+00	8.44E-01	1.34E+00	1.96E-01	6.02E-01	6.36E-02	0.00E+00	0.00E+00
1.63E+00	2.41E-01	2.51E+00	3.28E-01	6.99E-01	9.01E-02	2.99E-01	3.14E-02	8.86E+00	7.56E-01	1.34E+00	2.08E-01	5.87E-01	6.22E-02	0.00E+00	0.00E+00
1.57E+00	2.12E-01	1.77E+00	2.79E-01	8.08E-01	7.55E-02	2.70E-01	2.93E-02	6.08E+00	6.09E-01	1.12E+00	1.80E-01	5.17E-01	5.61E-02	0.00E+00	0.00E+00
1.54E+00	2.00E-01	1.69E+00	2.08E-01	6.39E-01	5.55E-02	2.77E-01	3.06E-02	5.10E+00	4.49E-01	1.05E+00	1.56E-01	5.44E-01	5.69E-02	0.00E+00	0.00E+00
1.17E+00	1.71E-01	1.31E+00	2.08E-01	4.28E-01	5.94E-02	1.94E-01	2.66E-02	3.30E+00	4.79E-01	8.57E-01	1.34E-01	3.82E-01	5.10E-02	0.00E+00	0.00E+00
9.34E-01	1.58E-01	1.12E+00	2.35E-01	3.23E-01	7.04E-02	1.54E-01	2.11E-02	3.04E+00	5.65E-01	6.87E-01	1.41E-01	2.98E-01	3.56E-02	0.00E+00	0.00E+00
1.33E+00	2.26E-01	1.35E+00	3.23E-01	4.28E-01	9.15E-02	2.33E-01	2.78E-02	4.42E+00	7.56E-01	7.84E-01	1.99E-01	4.20E-01	5.04E-02	0.00E+00	0.00E+00
1.09E+00	2.33E-01	1.67E+00	3.07E-01	5.64E-01	7.83E-02	1.93E-01	3.05E-02	5.30E+00	6.62E-01	9.46E-01	1.98E-01	3.73E-01	5.16E-02	0.00E+00	0.00E+00
1.18E+00	1.93E-01	1.57E+00	2.50E-01	6.12E-01	7.41E-02	2.08E-01	2.77E-02	4.54E+00	5.46E-01	8.63E-01	1.64E-01	4.14E-01	5.28E-02	0.00E+00	0.00E+00
1.13E+00	2.35E-01	1.16E+00	3.18E-01	4.67E-01	9.63E-02	2.17E-01	3.16E-02	2.80E+00	6.43E-01	7.64E-01	1.99E-01	4.45E-01	5.16E-02	0.00E+00	0.00E+00
7.65E-01	2.26E-01	1.17E+00	3.28E-01	3.59E-01	9.24E-02	1.25E-01	3.35E-02	3.67E+00	7.84E-01	6.82E-01	2.00E-01	2.40E-01	5.99E-02	0.00E+00	0.00E+00
1.05E+00	2.25E-01	1.19E+00	3.37E-01	3.94E-01	1.04E-01	1.84E-01	2.75E-02	3.90E+00	8.24E-01	7.26E-01	1.99E-01	3.37E-01	4.92E-02	0.00E+00	0.00E+00
8.55E-01	2.24E-01	1.19E+00	3.40E-01	4.55E-01	1.02E-01	1.14E-01	2.79E-02	4.51E+00	8.17E-01	7.44E-01	2.02E-01	2.23E-01	4.98E-02	0.00E+00	0.00E+00
9.89E-01	2.15E-01	1.68E+00	2.92E-01	5.10E-01	8.89E-02	1.30E-01	3.16E-02	6.55E+00	7.70E-01	9.27E-01	1.83E-01	2.60E-01	5.66E-02	0.00E+00	0.00E+00
1.25E+00	2.00E-01	2.37E+00	2.47E-01	8.59E-01	8.26E-02	1.38E-01	2.89E-02	7.79E+00	7.32E-01	1.31E+00	1.61E-01	2.67E-01	5.15E-02	0.00E+00	0.00E+00
1.31E+00	2.57E-01	2.48E+00	2.69E-01	7.31E-01	9.64E-02	1.54E-01	3.80E-02	7.82E+00	6.29E-01	1.32E+00	1.94E-01	3.10E-01	7.01E-02	0.00E+00	0.00E+00
1.96E+00	2.22E-01	2.22E+00	3.08E-01	8.14E-01	7.45E-02	2.85E-01	2.90E-02	6.26E+00	7.49E-01	1.63E+00	1.93E-01	5.74E-01	5.44E-02	0.00E+00	0.00E+00
3.39E+00	2.51E-01	1.87E+00	3.08E-01	6.46E-01	8.26E-02	6.33E-01	3.95E-02	5.38E+00	7.95E-01	2.29E+00	2.06E-01	1.23E+00	7.47E-02	0.00E+00	0.00E+00
3.28E+00	2.49E-01	1.66E+00	3.24E-01	6.86E-01	8.22E-02	6.44E-01	3.75E-02	4.97E+00	8.49E-01	2.10E+00	2.09E-01	1.25E+00	6.95E-02	0.00E+00	0.00E+00
1.57E+00	2.47E-01	1.76E+00	3.53E-01	7.16E-01	7.89E-02	3.09E-01	3.91E-02	5.46E+00	9.20E-01	1.11E+00	2.20E-01	6.30E-01	7.30E-02	0.00E+00	0.00E+00
1.45E+00	2.29E-01	2.21E+00	3.25E-01	5.98E-01	8.31E-02	2.00E-01	2.77E-02	5.76E+00	8.23E-01	1.31E+00	2.01E-01	3.87E-01	5.12E-02	0.00E+00	0.00E+00
1.63E+00	2.38E-01	2.44E+00	3.23E-01	7.12E-01	8.44E-02	2.14E-01	3.25E-02	6.84E+00	8.34E-01	1.50E+00	2.06E-01	4.64E-01	6.96E-02	0.00E+00	0.00E+00
1.77E+00	2.42E-01	2.42E+00	3.99E-01	6.34E-01	1.12E-01	2.44E-01	3.71E-02	6.80E+00	1.09E+00	1.55E+00	2.27E-01	5.08E-01	7.88E-02	0.00E+00	0.00E+00
1.71E+00	2.94E-01	2.18E+00	4.46E-01	7.87E-01	1.12E-01	2.28E-01	3.24E-02	6.38E+00	1.19E+00	1.37E+00	2.67E-01	4.40E-01	5.60E-02	0.00E+00	0.00E+00
1.49E+00	2.64E-01	2.22E+00	3.89E-01	6.68E-01	9.14E-02	2.21E-01	3.21E-02	6.16E+00	1.06E+00	1.30E+00	2.36E-01	4.00E-01	5.33E-02	0.00E+00	0.00E+00
1.55E+00	2.29E-01	2.32E+00	3.82E-01	6.14E-01	1.11E-01	1.95E-01	2.55E-02	6.46E+00	1.04E+00	1.42E+00	2.16E-01	3.82E-01	4.49E-02	0.00E+00	0.00E+00
1.43E+00	2.85E-01	2.18E+00	4.49E-01	5.44E-01	1.17E-01	2.29E-01	3.03E-02	5.81E+00	1.22E+00	1.31E+00	2.64E-01	4.58E-01	4.37E-02	0.00E+00	0.00E+00
1.38E+00	2.69E-01	2.05E+00	3.98E-01	7.20E-01	1.03E-01	1.90E-01	3.00E-02	5.16E+00	1.07E+00	1.24E+00	2.43E-01	3.94E-01	4.69E-02	0.00E+00	0.00E+00
1.49E+00	2.67E-01	2.76E+00	3.87E-01	9.18E-01	9.35E-02	1.77E-01	3.07E-02	7.82E+00	9.90E-01	1.47E+00	2.39E-01	4.43E-01	4.99E-02	0.00E+00	0.00E+00
1.93E+00	2.70E-01	3.36E+00	3.68E-01	8.46E-01	9.31E-02	2.11E-01	3.31E-02	1.03E+01	1.00E+00	1.90E+00	2.33E-01	4.84E-01	5.75E-02	0.00E+00	0.00E+00
1.99E+00	2.52E-01	3.17E+00	3.92E-01	6.82E-01	1.15E-01	2.19E-01	3.26E-02	9.91E+00	1.16E+00	1.91E+00	2.28E-01	4.17E-01	5.97E-02	0.00E+00	0.00E+00
1.66E+00	2.82E-01	2.57E+00	4.27E-01	7.28E-01	1.28E-01	2.13E-01	2.87E-02	7.10E+00	1.25E+00	1.51E+00	2.60E-01	3.49E-01	5.30E-02	0.00E+00	0.00E+00
2.10E+00	2.76E-01	3.03E+00	4.28E-01	8.61E-01	1.12E-01	2.60E-01	3.16E-02	7.54E+00	1.27E+00	1.84E+00	2.48E-01	4.09E-01	5.50E-02	0.00E+00	0.00E+00
2.35E+00	2.23E-01	3.42E+00	3.45E-01	9.46E-01	8.85E-02	2.86E-01	2.76E-02	8.00E+00	1.02E+00	2.07E+00	2.11E-01	4.47E-01	5.16E-02	0.00E+00	0.00E+00
2.10E+00	2.14E-01	2.89E+00	3.03E-01	7.55E-01	7.90E-02	2.67E-01	2.60E-02	6.50E+00	7.19E-01	1.81E+00	1.88E-01	4.34E-01	4.17E-02	0.00E+00	0.00E+00
1.27E+00	4.24E-01	2.04E+00	4.93E-01	7.35E-01	1.17E-01	2.41E-01	6.11E-02	7.42E+00	1.17E+00	1.16E+00	3.34E-01	4.55E-01	1.05E-01	0.00E+00	0.00E+00
1.48E+00	4.12E-01	2.90E+00	4.57E-01	6.92E-01	1.33E-01	2.24E-01	6.62E-02	1.20E+01	1.65E+00	1.65E+00	3.02E-01	4.44E-01	1.25E-01	0.00E+00	0.00E+00
1.77E+00	3.40E-01	2.95E+00	4.52E-01	9.23E-01	1.60E-01	2.61E-01	5.92E-02	9.92E+00	1.35E+00	1.57E+00	2.38E-01	4.78E-01	1.21E-01	0.00E+00	0.00E+00
1.47E+00	2.67E-01	2.24E+00	3.16E-01	9.95E-01	1.49E-01	2.48E-01	4.84E-02	7.64E+00	8.86E-01	1.20E+00	1.86E-01	4.89E-01	1.02E-01	0.00E+00	0.00E+00
1.84E+00	2.25E-01	2.29E+00	3.80E-01	8.51E-01	1.29E-01	2.49E-01	4.01E-02	5.06E+00	1.02E+00	1.52E+00	2.13E-01	4.27E-01	8.50E-02	0.00E+00	0.00E+00
1.52E+00	2.37E-01	1.66E+00	3.85E-01	6.35E-01	1.26E-01	2.23E-01	2.63E-02	4.40E+00	9.76E-01	1.22E+00	2.20E-01	4.26E-01	5.00E-02	0.00E+00	0.00E+00
1.19E+00	2.48E-01	1.83E+00	3.74E-01	7.11E-01	1.08E-01	2.18E-01	3.23E-02	4.11E+00	8.51E-01	1.00E+00	2.21E-01	4.10E-01	5.56E-02	0.00E+00	0.00E+00
1.93E+00	2.86E-01	2.93E+00	3.59E-01	9.25E-01	8.89E-02	2.43E-01	3.87E-02	6.18E+00	1.07E+00	1.67E+00	2.34E-01	4.43E-01	6.84E-02	0.00E+00	0.00E+00
1.76E+00	3.28E-01	2.39E+00	3.83E-01	5.07E-01	1.11E-01	2.28E-01	4.96E-02	5.67E+00	1.14E+00	1.53E+00	2.48E-01	4.25E-01	9.14E-02	0.00E+00	0.00E+00
1.24E+00	2.98E-01	1.28E+00	3.35E-01	4.64E-01	1.19E-01	2.36E-01	5.30E-02	4.00E+00	8.08E-01	9.73E-01	2.32E-01	4.39E-01	9.86E-02	0.00E+00	0.00E+00
1.26E+00	2.56E-01	1.26E+00	3.22E-01	4.37E-01	8.84E-02	2.28E-01	3.80E-02	3.77E+00	7.38E-01	8.62E-01	2.04E-01	4.11E-01	7.26E-02	0.00E+00	0.00E+00
1.57E+00	2.22E-01	1.53E+00	2.80E-01	5.06E-01	7.24E-02	2.82E-01	3.05E-02	4.99E+00	5.53E-01	8.94E-01	1.85E-01	4.99E-01	5.51E-02	0.00E+00	0.00E+00
1.11E+00	1.95E-01	1.37E+00	2.48E-01	5.32E-01	6.78E-02	2.10E-01	3.17E-02	5.24E+00	5.91E-01	7.73E-01	1.55E-01	3.92E-01	5.81E-02	0.00E+00	0.00E+00
1.12E+00	2.15E-01	1.69E+00	2.97E-01	6.08E-01	8.34E-02	2.06E-01	3.46E-02	5.27E+00	6.89E-01	8.70E-01	1.86E-01	3.90E-01	6.99E-02	0.00E+00	0.00E+00
1.52E+00	2.84E-01	1.34E+00	3.13E-01	6.58E-01	8.59E-02	2.85E-01	5.32E-02	4.51E+00	6.53E-01	9.21E-01	2.01E-01	5.28E-01	9.86E-02	0.00E+00	0.00E+00
1.67E+00	2.57E-01	1.91E+00	2.65E-01	6.77E-01	8.15E-02	2.97E-01	4.26E-02	6.39E+00	7.73E-01	1.09E+00	1.92E-01	5.59E-01	7.93E-02	0.00E+00	0.00E+00
1.81E+00	2.45E-01	2.25E+00	3.42E-01	8.45E-01	1.09E-01	2.73E-01	3.49E-02	8.83E+00	8.16E-01	1.45E+00	2.14E-01	5.55E-01	6.51E-02	0.00E+00	0.00E+00
1.75E+00	2.54E-01	3.55E+00	3.40E-01	1.23E+00	1.02E-01	3.12E-01	3.26E-02	1.13E+01	7.64E-01	1.83E+00	2.17E-01	6.22E-01	6.40E-02	0.00E+00	0.00E+00
1.88E+00	2.25E-01	2.64E+00	2.67E-01	7.96E-01	7.11E-02	3.36E-01	3.45E-02	9.30E+00	7.12E-01	1.41E+00	1.78E-01	6.61E-01	6.66E-02	0.00E+00	0.00E+00
1.77E+00	2.08E-01	1.88E+00	2.02E-01	8.22E-01	6.26E-02	3.29E-01	3.27E-02	5.06E+00	5.34E-01	1.19E+00	1.59E-01	6.57E-01	6.22E-02	0.00E+00	0.00E+00
9.75E-01	1.51E-01	1.27E+00	1.92E-01	4.58E-01	5.92E-02	1.68E-01	2.33E-02	3.55E+00	4.44E-01	7.15E-01	1.19E-01	3.41E-01	4.49E-02	0.00E+00	0.00E+00
7.98E-01	1.57E-01	1.00E+00	2.32E-01	3.08E-01	6.90E-02	1.37E-01	1.88E-02	3.18E+00	5.60E-01	6.25E-01	1.40E-01	2.70E-01	3.17E-02	0.00E+00	0.00E+00
1.22E+00	2.18E-01	1.36E+00	3.08E-01	4.35E-01	8.57E-02	2.13E-01	2.69E-02	4.51E+00	7.17E-01	7.89E-01	1.91E-01	3.73E-01	4.75E-02	0.00E+00	0.00E+00
1.22E+00	2.22E-01	1.65E+00	2.90E-01	5.65E-01	7.30E-02	2.15E-01	2.92E-02	5.27E+00	6.24E-01	9.32E-01	1.89E-01	4.00E-01	5.13E-02	0.00E+00	0.00E+00
1.28E+00	1.90E-01	1.52E+00	2.39E-01	6.01E-01	7.63E-02	2.27E-01	3.06E-02	4.40E+00	5.70E-01	9.08E-01	1.56E-01	4.54E-01	5.88E-02	0.00E+00	0.00E+00
1.15E+00	2.35E-01	1.11E+00	3.18E-01	4.54E-01	9.58E-02	2.22E-01	3.13E-02	2.81E+00	6.49E-01	7.79E-01	1.99E-01	4.55E-01	5.24E-02	0.00E+00	0.00E+00
7.29E-01	2.20E-01	1.18E+00	3.10E-01	3.57E-01	8.74E-02	1.21E-01	3.25E-02	3.70E+00	7.47E-01	6.64E-01	1.89E-01	2.34E-01	5.79E-02	0.00E+00	0.00E+00
1.00E+00	2.13E-01	1.15E+00	3.20E-01	3.62E-01	9.86E-02	1.77E-01	2.64E-02	3.74E+00	7.90E-01	6.91E-01	1.89E-01	3.26E-01	4.86E-02	0.00E+00	0.00E+00
8.04E-01	2.18E-01	1.15E+00	3.34E-01	4.56E-01	1.01E-01	1.10E-01	2.61E-02	3.94E+00	8.18E-01	7.02E-01	1.98E-01	2.23E-01	4.62E-02	0.00E+00	0.00E+00
9.61E-01	2.10E-01	1.56E+00	2.93E-01	4.77E-01	9.07E-02	1.32E-01	3.18E-02	6.59E+00	7.77E-01	9.01E-01	1.81E-01	2.57E-01	5.65E-02	0.00E+00	0.00E+00
1.28E+00	1.99E-01	2.33E+00	2.50E-01	7.89E-01	7.42E-02	1.42E-01	2.82E-02	7.58E+00	7.98E-01	1.30E+00	1.61E-01	2.79E-01	4.95E-02	0.00E+00	0.00E+00
1.41E+00	2.46E-01	2.63E+00	2.79E-01	8.71E-01	1.04E-01	1.43E-01	3.59E-02	8.67E+00	7.27E-01	1.47E+00	1.90E-01	2.79E-01	6.61E-02	0.00E+00	0.00E+00
1.69E+00	2.20E-01	2.37E+00	2.89E-01	7.99E-01	7.30E-02	2.14E-01	3.24E-02	7.65E+00	7.06E-01	1.47E+00	1.78E-01	4.07E-01	6.11E-02	0.00E+00	0.00E+00
2.94E+00	2.39E-01	1.98E+00	3.01E-01	7.52E-01	7.76E-02	5.22E-01	3.76E-02	5.81E+00	7.33E-01	2.10E+00	2.00E-01	1.03E+00	7.01E-02	0.00E+00	0.00E+00
3.58E+00	2.39E-01	1.64E+00	3.16E-01	6.81E-01	8.22E-02	6.95E-01	3.61E-02	5.66E+00	8.13E-01	2.30E+00	2.02E-01	1.35E+00	7.21E-02	0.00E+00	0.00E+00
2.20E+00	2.33E-01	1.71E+00	3.36E-01	7.87E-01	8.11E-02	4.34E-01	4.17E-02	4.81E+00	8.93E-01	1.44E+00	2.03E-01	8.69E-01	7.66E-02	0.00E+00	0.00E+00
1.32E+00	2.22E-01	1.98E+00	3.03E-01	5.72E-01	7.85E-02	2.02E-01	2.72E-02	5.03E+00	7.55E-01	1.18E+00	1.92E-01	4.09E-01	5.44E-02	0.00E+00	0.00E+00
1.66E+00	2.28E-01	2.49E+00	3.14E-01	5.90E-01	8.63E-02	2.24E-01	2.98E-02	6.81E+00	8.49E-01	1.51E+00	1.97E-01	4.35E-01	5.84E-02	0.00E+00	0.00E+00
1.65E+00	2.25E-01	2.37E+00	3.23E-01	7.89E-01	9.51E-02	2.44E-01	3.59E-02	6.64E+00	8.77E-01	1.47E+00	1.95E-01	5.35E-01	7.96E-02	0.00E+00	0.00E+00
1.77E+00	2.69E-01	2.30E+00	4.29E-01	7.38E-01	1.14E-01	2.28E-01	3.02E-02	6.89E+00	1.16E+00	1.46E+00	2.50E-01	4.28E-01	6.73E-02	0.00E+00	0.00E+00
1.52E+00	2.78E-01	2.11E+00	4.02E-01	7.55E-01	1.01E-01	2.23E-01	3.20E-02	6.00E+00	1.08E+00	1.26E+00	2.49E-01	3.93E-01	5.07E-02	0.00E+00	0.00E+00
1.49E+00	2.32E-01	2.29E+00	3.42E-01	6.65E-01	8.70E-02	2.22E-01	2.87E-02	6.36E+00	9.28E-01	1.37E+00	2.11E-01	4.20E-01	4.90E-02	0.00E+00	0.00E+00
1.44E+00	2.43E-01	2.19E+00	4.01E-01	5.80E-01	1.12E-01	1.71E-01	2.50E-02	5.79E+00	1.10E+00	1.29E+00	2.29E-01	3.55E-01	3.85E-02	0.00E+00	0.00E+00
1.31E+00	2.72E-01	1.93E+00	4.20E-01	5.02E-01	1.05E-01	2.10E-01	2.93E-02	5.91E+00	1.14E+00	1.19E+00	2.50E-01	4.24E-01	4.35E-02	0.00E+00	0.00E+00
1.38E+00	2.44E-01	1.98E+00	3.69E-01	7.28E-01	9.44E-02	1.80E-01	2.76E-02	5.86E+00	9.78E-01	1.22E+00	2.20E-01	3.75E-01	4.38E-02	0.00E+00	0.00E+00
1.57E+00	2.58E-01	2.86E+00	3.68E-01	9.19E-01	9.02E-02	1.72E-01	3.01E-02	8.11E+00	9.37E-01	1.55E+00	2.29E-01	4.28E-01	4.93E-02	0.00E+00	0.00E+00
1.91E+00	2.49E-01	3.26E+00	3.40E-01	8.10E-01	8.58E-02	2.07E-01	3.05E-02	9.84E+00	9.26E-01	1.86E+00	2.14E-01	4.70E-01	5.31E-02	0.00E+00	0.00E+00
1.90E+00	2.22E-01	2.98E+00	3.44E-01	6.17E-01	9.86E-02	2.05E-01	2.86E-02	9.14E+00	1.02E+00	1.80E+00	2.00E-01	4.20E-01	5.24E-02	0.00E+00	0.00E+00
1.59E+00	2.44E-01	2.32E+00	3.72E-01	5.96E-01	1.10E-01	1.82E-01	2.45E-02	6.38E+00	1.09E+00	1.45E+00	2.25E-01	3.14E-01	4.65E-02	0.00E+00	0.00E+00
1.64E+00	2.47E-01	2.38E+00	3.82E-01	6.53E-01	1.03E-01	1.91E-01	2.78E-02	6.20E+00	1.11E+00	1.50E+00	2.21E-01	3.18E-01	4.83E-02	0.00E+00	0.00E+00

Scenario 4 Results

1.69E+00	2.02E-01	2.38E+00	3.13E-01	6.64E-01	7.22E-02	2.15E-01	2.42E-02	6.09E+00	9.12E-01	1.51E+00	1.90E-01	3.50E-01	4.50E-02	0.00E+00	0.00E+00
1.69E+00	4.17E-01	3.35E+00	5.23E-01	7.85E-01	1.56E-01	2.16E-01	6.53E-02	1.37E+01	1.90E+00	1.90E+00	3.10E-01	4.28E-01	1.23E-01	0.00E+00	0.00E+00
1.82E+00	3.45E-01	3.20E+00	4.84E-01	1.02E+00	1.73E-01	2.60E-01	5.97E-02	1.08E+01	1.46E+00	1.70E+00	2.54E-01	4.91E-01	1.22E-01	0.00E+00	0.00E+00
1.53E+00	2.85E-01	2.65E+00	3.53E-01	1.14E+00	1.71E-01	2.52E-01	5.15E-02	8.97E+00	9.49E-01	1.41E+00	1.98E-01	4.92E-01	1.08E-01	0.00E+00	0.00E+00
2.34E+00	2.56E-01	3.09E+00	4.36E-01	1.18E+00	1.51E-01	3.02E-01	4.78E-02	7.20E+00	1.20E+00	1.99E+00	2.41E-01	4.96E-01	1.00E-01	0.00E+00	0.00E+00
2.17E+00	2.71E-01	2.55E+00	4.62E-01	9.81E-01	1.58E-01	2.99E-01	2.98E-02	6.52E+00	1.21E+00	1.78E+00	2.57E-01	5.46E-01	6.40E-02	0.00E+00	0.00E+00
1.50E+00	2.72E-01	2.02E+00	4.11E-01	8.15E-01	1.26E-01	2.44E-01	3.52E-02	5.70E+00	9.68E-01	1.12E+00	2.37E-01	4.67E-01	6.24E-02	0.00E+00	0.00E+00
2.01E+00	2.75E-01	3.19E+00	3.63E-01	1.06E+00	9.23E-02	2.59E-01	3.61E-02	6.84E+00	1.08E+00	1.76E+00	2.30E-01	4.60E-01	6.48E-02	0.00E+00	0.00E+00
1.91E+00	3.12E-01	2.72E+00	3.81E-01	6.47E-01	1.01E-01	2.29E-01	4.62E-02	6.41E+00	1.19E+00	1.67E+00	2.38E-01	4.04E-01	8.49E-02	0.00E+00	0.00E+00
1.38E+00	3.17E-01	1.51E+00	3.59E-01	5.38E-01	1.30E-01	2.36E-01	5.63E-02	4.72E+00	9.01E-01	1.17E+00	2.50E-01	4.22E-01	1.05E-01	0.00E+00	0.00E+00
1.25E+00	2.68E-01	1.15E+00	3.14E-01	4.53E-01	9.25E-02	2.45E-01	4.02E-02	3.57E+00	7.41E-01	7.76E-01	2.08E-01	4.37E-01	7.76E-02	0.00E+00	0.00E+00
1.18E+00	2.04E-01	1.29E+00	2.70E-01	4.10E-01	7.20E-02	2.19E-01	2.71E-02	4.28E+00	5.76E-01	7.33E-01	1.75E-01	4.24E-01	5.40E-02	0.00E+00	0.00E+00
1.33E+00	1.87E-01	1.32E+00	2.13E-01	5.21E-01	5.66E-02	2.29E-01	2.76E-02	4.18E+00	4.99E-01	7.19E-01	1.45E-01	4.11E-01	5.09E-02	0.00E+00	0.00E+00
9.31E-01	1.85E-01	1.49E+00	2.57E-01	4.58E-01	7.17E-02	1.66E-01	2.72E-02	5.05E+00	6.11E-01	7.85E-01	1.61E-01	3.12E-01	4.99E-02	0.00E+00	0.00E+00
1.20E+00	2.35E-01	1.28E+00	2.89E-01	6.01E-01	8.13E-02	2.24E-01	4.24E-02	3.32E+00	6.43E-01	7.34E-01	1.82E-01	4.17E-01	8.11E-02	0.00E+00	0.00E+00
1.13E+00	2.06E-01	1.25E+00	2.56E-01	4.18E-01	6.66E-02	2.26E-01	3.49E-02	4.04E+00	5.16E-01	6.85E-01	1.70E-01	4.05E-01	6.56E-02	0.00E+00	0.00E+00
1.52E+00	1.93E-01	1.68E+00	2.60E-01	6.12E-01	8.62E-02	2.68E-01	3.10E-02	5.07E+00	7.44E-01	1.12E+00	1.61E-01	5.11E-01	5.73E-02	0.00E+00	0.00E+00
1.43E+00	2.13E-01	2.36E+00	2.94E-01	6.25E-01	8.37E-02	2.54E-01	2.94E-02	8.52E+00	6.91E-01	1.27E+00	1.85E-01	4.90E-01	5.73E-02	0.00E+00	0.00E+00
1.40E+00	2.18E-01	2.54E+00	2.89E-01	1.07E+00	8.54E-02	2.36E-01	2.83E-02	7.59E+00	6.39E-01	1.26E+00	1.86E-01	4.79E-01	5.25E-02	0.00E+00	0.00E+00
1.68E+00	2.18E-01	2.78E+00	2.35E-01	9.55E-01	7.39E-02	3.12E-01	3.36E-02	9.10E+00	6.32E-01	1.45E+00	1.69E-01	6.25E-01	6.38E-02	0.00E+00	0.00E+00
1.54E+00	1.90E-01	1.60E+00	1.85E-01	6.79E-01	5.47E-02	2.93E-01	3.01E-02	4.06E+00	5.24E-01	1.18E+00	1.45E-01	5.91E-01	5.79E-02	0.00E+00	0.00E+00
8.79E-01	1.30E-01	1.26E+00	1.75E-01	4.51E-01	5.96E-02	1.57E-01	1.99E-02	3.33E+00	4.06E-01	6.57E-01	1.08E-01	3.04E-01	3.84E-02	0.00E+00	0.00E+00
8.72E-01	1.66E-01	9.95E-01	2.46E-01	3.32E-01	7.25E-02	1.55E-01	2.05E-02	3.33E+00	5.97E-01	5.96E-01	1.48E-01	3.18E-01	3.64E-02	0.00E+00	0.00E+00
1.26E+00	2.17E-01	1.39E+00	3.04E-01	4.42E-01	8.30E-02	2.16E-01	2.69E-02	4.62E+00	7.05E-01	7.99E-01	1.89E-01	3.73E-01	5.17E-02	0.00E+00	0.00E+00
1.25E+00	2.08E-01	1.64E+00	2.69E-01	5.59E-01	6.67E-02	2.20E-01	2.74E-02	5.23E+00	5.75E-01	9.22E-01	1.76E-01	4.02E-01	5.33E-02	0.00E+00	0.00E+00
1.28E+00	1.93E-01	1.47E+00	2.41E-01	5.76E-01	7.66E-02	2.30E-01	3.16E-02	4.25E+00	5.78E-01	9.06E-01	1.46E-01	4.61E-01	6.12E-02	0.00E+00	0.00E+00
1.07E+00	2.25E-01	1.04E+00	3.04E-01	4.27E-01	9.12E-02	2.07E-01	3.00E-02	2.55E+00	6.21E-01	7.24E-01	1.91E-01	4.25E-01	4.84E-02	0.00E+00	0.00E+00
6.91E-01	2.12E-01	1.14E+00	2.91E-01	3.44E-01	8.22E-02	1.13E-01	3.11E-02	3.58E+00	7.07E-01	6.50E-01	1.78E-01	2.19E-01	5.54E-02	0.00E+00	0.00E+00
9.97E-01	2.03E-01	1.14E+00	3.08E-01	3.57E-01	9.48E-02	1.76E-01	2.70E-02	3.70E+00	7.69E-01	6.66E-01	1.81E-01	3.26E-01	4.95E-02	0.00E+00	0.00E+00
7.48E-01	2.06E-01	1.07E+00	3.20E-01	4.28E-01	9.68E-02	1.09E-01	2.36E-02	3.55E+00	7.93E-01	6.54E-01	1.89E-01	2.19E-01	4.12E-02	0.00E+00	0.00E+00
9.35E-01	2.01E-01	1.50E+00	2.87E-01	4.52E-01	8.68E-02	1.28E-01	3.04E-02	5.86E+00	7.39E-01	8.82E-01	1.76E-01	2.46E-01	5.37E-02	0.00E+00	0.00E+00
1.22E+00	1.94E-01	2.16E+00	2.45E-01	6.55E-01	6.32E-02	1.36E-01	2.69E-02	8.03E+00	7.82E-01	1.21E+00	1.59E-01	2.69E-01	4.64E-02	0.00E+00	0.00E+00
1.52E+00	2.29E-01	2.75E+00	2.96E-01	9.61E-01	1.04E-01	1.38E-01	3.24E-02	8.92E+00	8.14E-01	1.55E+00	1.81E-01	2.73E-01	5.96E-02	0.00E+00	0.00E+00
1.55E+00	2.43E-01	2.67E+00	2.72E-01	7.65E-01	8.02E-02	1.79E-01	3.61E-02	8.90E+00	6.65E-01	1.51E+00	1.82E-01	3.57E-01	6.72E-02	0.00E+00	0.00E+00
2.47E+00	2.29E-01	2.21E+00	3.03E-01	7.88E-01	7.39E-02	4.03E-01	3.43E-02	7.30E+00	7.25E-01	1.89E+00	1.96E-01	8.05E-01	6.28E-02	0.00E+00	0.00E+00
3.58E+00	2.38E-01	1.78E+00	3.05E-01	6.06E-01	8.09E-02	6.82E-01	3.88E-02	5.86E+00	7.85E-01	2.36E+00	1.94E-01	1.33E+00	7.38E-02	0.00E+00	0.00E+00
2.85E+00	2.33E-01	1.82E+00	3.00E-01	7.34E-01	8.16E-02	5.61E-01	4.07E-02	5.15E+00	8.03E-01	1.84E+00	1.90E-01	1.11E+00	7.48E-02	0.00E+00	0.00E+00
1.32E+00	2.30E-01	1.75E+00	3.20E-01	7.69E-01	7.35E-02	2.60E-01	3.41E-02	4.98E+00	8.26E-01	1.04E+00	2.03E-01	5.35E-01	6.55E-02	0.00E+00	0.00E+00
1.63E+00	2.14E-01	2.42E+00	3.02E-01	5.97E-01	8.69E-02	2.33E-01	2.70E-02	6.43E+00	8.02E-01	1.47E+00	1.88E-01	4.44E-01	4.74E-02	0.00E+00	0.00E+00
1.59E+00	2.22E-01	2.25E+00	3.05E-01	7.19E-01	9.33E-02	2.50E-01	3.14E-02	6.43E+00	8.06E-01	1.41E+00	1.92E-01	5.02E-01	7.22E-02	0.00E+00	0.00E+00
1.79E+00	2.29E-01	2.25E+00	3.78E-01	7.53E-01	1.06E-01	2.23E-01	3.23E-02	6.94E+00	1.03E+00	1.50E+00	2.15E-01	4.96E-01	7.34E-02	0.00E+00	0.00E+00
1.41E+00	2.73E-01	2.07E+00	4.18E-01	7.54E-01	1.06E-01	1.99E-01	2.99E-02	6.46E+00	1.12E+00	1.27E+00	2.50E-01	3.93E-01	5.19E-02	0.00E+00	0.00E+00
1.49E+00	2.51E-01	2.21E+00	3.69E-01	7.43E-01	8.68E-02	2.31E-01	3.02E-02	6.11E+00	1.00E+00	1.30E+00	2.23E-01	4.29E-01	4.96E-02	0.00E+00	0.00E+00
1.47E+00	2.02E-01	2.18E+00	3.20E-01	6.14E-01	9.68E-02	2.06E-01	2.47E-02	6.06E+00	8.78E-01	1.34E+00	1.82E-01	4.11E-01	4.29E-02	0.00E+00	0.00E+00
1.36E+00	2.50E-01	2.07E+00	4.04E-01	5.25E-01	1.09E-01	1.72E-01	2.59E-02	5.87E+00	1.11E+00	1.24E+00	2.34E-01	3.31E-01	3.60E-02	0.00E+00	0.00E+00
1.24E+00	2.58E-01	1.88E+00	3.91E-01	5.56E-01	9.43E-02	2.14E-01	2.83E-02	6.39E+00	1.06E+00	1.12E+00	2.36E-01	4.34E-01	4.31E-02	0.00E+00	0.00E+00
1.35E+00	2.33E-01	1.98E+00	3.49E-01	7.37E-01	8.75E-02	1.75E-01	2.62E-02	6.33E+00	9.07E-01	1.18E+00	2.11E-01	3.67E-01	4.07E-02	0.00E+00	0.00E+00
1.61E+00	2.44E-01	2.86E+00	3.45E-01	8.90E-01	8.57E-02	1.76E-01	2.88E-02	8.09E+00	8.88E-01	1.57E+00	2.16E-01	4.10E-01	4.75E-02	0.00E+00	0.00E+00
1.92E+00	2.34E-01	3.23E+00	3.22E-01	8.12E-01	8.26E-02	2.05E-01	2.86E-02	9.60E+00	8.75E-01	1.86E+00	2.03E-01	4.62E-01	4.96E-02	0.00E+00	0.00E+00
1.85E+00	2.01E-01	2.89E+00	3.12E-01	5.76E-01	8.84E-02	1.94E-01	2.57E-02	8.72E+00	9.27E-01	1.75E+00	1.81E-01	4.35E-01	4.68E-02	0.00E+00	0.00E+00
1.56E+00	2.16E-01	2.26E+00	3.32E-01	5.18E-01	9.75E-02	1.72E-01	2.19E-02	6.33E+00	9.81E-01	1.42E+00	2.01E-01	3.45E-01	4.15E-02	0.00E+00	0.00E+00
1.61E+00	2.35E-01	2.37E+00	3.67E-01	5.80E-01	1.01E-01	1.80E-01	2.62E-02	6.24E+00	1.07E+00	1.49E+00	2.11E-01	3.08E-01	4.53E-02	0.00E+00	0.00E+00
1.29E+01	9.45E-01	1.51E+01	1.10E+00	4.97E+00	3.34E-01	2.00E+00	1.44E-01	2.10E+01	2.12E+00	9.56E+00	7.34E-01	3.07E+00	2.25E-01	0.00E+00	0.00E+00
1.28E+01	9.86E-01	1.57E+01	1.18E+00	5.20E+00	3.49E-01	1.90E+00	1.45E-01	2.62E+01	2.26E+00	9.75E+00	7.78E-01	2.82E+00	2.45E-01	0.00E+00	0.00E+00
1.08E+01	9.95E-01	1.31E+01	1.15E+00	4.11E+00	3.05E-01	1.56E+00	1.46E-01	2.81E+01	2.32E+00	8.33E+00	7.82E-01	2.32E+00	2.80E-01	0.00E+00	0.00E+00
7.17E+00	1.03E+00	8.13E+00	1.09E+00	2.30E+00	2.82E-01	1.06E+00	1.67E-01	2.51E+01	2.30E+00	5.62E+00	7.73E-01	1.63E+00	3.13E-01	0.00E+00	0.00E+00
4.66E+00	1.15E+00	7.68E+00	1.11E+00	2.29E+00	2.50E-01	8.19E-01	1.86E-01	1.97E+01	2.18E+00	4.39E+00	8.65E-01	1.56E+00	3.47E-01	0.00E+00	0.00E+00
5.81E+00	1.24E+00	7.47E+00	1.15E+00	2.19E+00	2.92E-01	1.07E+00	2.07E-01	1.89E+01	2.01E+00	4.43E+00	9.15E-01	1.89E+00	3.75E-01	0.00E+00	0.00E+00
5.79E+00	1.22E+00	7.47E+00	1.13E+00	2.34E+00	3.24E-01	1.07E+00	2.05E-01	1.89E+01	1.82E+00	4.75E+00	8.95E-01	1.96E+00	3.63E-01	0.00E+00	0.00E+00
6.93E+00	1.11E+00	8.61E+00	1.08E+00	2.56E+00	3.23E-01	1.15E+00	1.83E-01	1.84E+01	1.59E+00	5.64E+00	8.33E-01	2.17E+00	3.25E-01	0.00E+00	0.00E+00
7.73E+00	9.81E-01	9.18E+00	1.03E+00	2.56E+00	2.88E-01	1.22E+00	1.55E-01	1.73E+01	1.59E+00	6.21E+00	7.75E-01	2.41E+00	2.83E-01	0.00E+00	0.00E+00
7.87E+00	9.02E-01	8.92E+00	9.99E-01	2.31E+00	2.49E-01	1.44E+00	1.34E-01	1.65E+01	1.81E+00	6.25E+00	7.46E-01	2.73E+00	2.55E-01	0.00E+00	0.00E+00
8.31E+00	8.14E-01	9.28E+00	9.30E-01	2.57E+00	2.96E-01	1.24E+00	1.16E-01	1.68E+01	1.90E+00	6.54E+00	6.95E-01	2.22E+00	2.27E-01	0.00E+00	0.00E+00
8.93E+00	8.92E-01	1.03E+01	1.05E+00	3.38E+00	3.28E-01	1.39E+00	1.33E-01	2.40E+01	1.82E+00	6.55E+00	7.15E-01	2.42E+00	2.23E-01	0.00E+00	0.00E+00
8.45E+00	9.42E-01	1.29E+01	1.14E+00	3.98E+00	3.44E-01	9.88E-01	1.37E-01	3.18E+01	2.16E+00	7.57E+00	7.65E-01	1.59E+00	2.25E-01	0.00E+00	0.00E+00
9.79E+00	9.62E-01	1.47E+01	1.18E+00	4.15E+00	3.47E-01	1.13E+00	1.36E-01	3.78E+01	2.39E+00	8.78E+00	7.87E-01	1.83E+00	2.23E-01	0.00E+00	0.00E+00
1.01E+01	9.51E-01	1.49E+01	1.17E+00	3.81E+00	3.30E-01	1.16E+00	1.33E-01	4.02E+01	2.49E+00	9.09E+00	7.84E-01	2.37E+00	2.17E-01	0.00E+00	0.00E+00
9.21E+00	8.99E-01	1.34E+01	1.11E+00	3.06E+00	2.98E-01	1.40E+00	1.23E-01	3.79E+01	2.49E+00	8.31E+00	7.45E-01	2.84E+00	2.16E-01	0.00E+00	0.00E+00
8.45E+00	8.47E-01	1.06E+01	1.03E+00	2.86E+00	2.59E-01	1.53E+00	1.26E-01	3.16E+01	2.34E+00	6.65E+00	6.93E-01	3.14E+00	2.48E-01	0.00E+00	0.00E+00
8.39E+00	8.12E-01	8.33E+00	8.79E-01	2.98E+00	2.16E-01	1.51E+00	1.37E-01	2.31E+01	2.06E+00	5.73E+00	5.97E-01	3.14E+00	2.70E-01	0.00E+00	0.00E+00
7.51E+00	8.21E-01	8.73E+00	7.26E-01	2.71E+00	2.01E-01	1.34E+00	1.36E-01	1.99E+01	1.79E+00	5.34E+00	5.98E-01	2.84E+00	2.64E-01	0.00E+00	0.00E+00
6.11E+00	7.77E-01	8.18E+00	7.53E-01	2.15E+00	1.92E-01	1.09E+00	1.24E-01	2.07E+01	1.67E+00	5.03E+00	5.76E-01	2.31E+00	2.36E-01	0.00E+00	0.00E+00
6.19E+00	7.09E-01	8.93E+00	8.00E-01	2.39E+00	2.16E-01	8.10E-01	1.08E-01	2.35E+01	1.54E+00	5.48E+00	5.42E-01	1.82E+00	1.98E-01	0.00E+00	0.00E+00
7.07E+00	6.77E-01	1.01E+01	8.81E-01	2.68E+00	2.43E-01	8.62E-01	1.13E-01	2.66E+01	1.68E+00	6.24E+00	5.84E-01	2.42E+00	2.28E-01	0.00E+00	0.00E+00
7.63E+00	8.19E-01	1.09E+01	1.04E+00	3.00E+00	2.88E-01	8.96E-01	1.14E-01	2.87E+01	1.94E+00	6.75E+00	6.69E-01	2.81E+00	2.18E-01	0.00E+00	0.00E+00
7.83E+00	9.68E-01	1.12E+01	1.20E+00	3.10E+00	3.29E-01	9.11E-01	1.36E-01	2.98E+01	2.24E+00	6.95E+00	7.82E-01	2.86E+00	2.28E-01	0.00E+00	0.00E+00
7.67E+00	1.01E+00	1.11E+01	1.29E+00	2.98E+00	3.37E-01	8.82E-01	1.37E-01	2.97E+01	2.62E+00	6.87E+00	8.29E-01	2.61E+00	2.27E-01	0.00E+00	0.00E+00
7.24E+00	9.39E-01	1.07E+01	1.28E+00	2.76E+00	3.10E-01	9.59E-01	1.17E-01	2.86E+01	2.97E+00	6.54E+00	8.00E-01	2.20E+00	1.91E-01	0.00E+00	0.00E+00
6.63E+00	7.90E-01	1.00E+01	1.15E+00	2.68E+00	2.59E-01	9.18E-01	8.86E-02	2.75E+01	3.04E+00	6.04E+00	7.02E-01	1.76E+00	1.58E-01	0.00E+00	0.00E+00
5.95E+00	7.67E-01	9.21E+00	9.67E-01	2.58E+00	2.65E-01	8.42E-01	1.19E-01	2.53E+01	2.80E+00	5.47E+00	5.88E-01	1.48E+00	1.99E-01	0.00E+00	0.00E+00
5.25E+00	9.53E-01	8.32E+00	1.13E+00	2.43E+00	3.23E-01	8.63E-01	1.40E-01	2.19E+01	2.30E+00	4.87E+00	7.50E-01	1.49E+00	2.32E-01	0.00E+00	0.00E+00
4.54E+00	1.08E+00	7.35E+00	1.35E+00	2.20E+00	3.59E-01	7.57E-01	1.50E-01	1.94E+01	2.73E+00	4.25E+00	8.78E-01	1.42E+00	2.46E-01	0.00E+00	0.00E+00
4.52E+00	1.18E+00	6.41E+00	1.54E+00	1.91E+00	4.16E-01	8.37E-01	1.55E-01	1.70E+01	3.39E+00	3.76E+00	9.83E-01	1.54E+00	2.55E-01	0.00E+00	0.00E+00
1.10E+01	8.48E-01	1.14E+01	1.07E+00	3.70E+00	3.09E-01	1.84E+00	1.29E-01	1.92E+01	2.04E+00	7.82E+00	6.93E-01	3.04E+00	2.17E-01	0.00E+00	0.00E+00
1.27E+01	9.83E-01	1.40E+01	1.21E+00	4.66E+00	3.42E-01	2.06E+00	1.46E-01	2.22E+01	2.34E+00	9.17E+00	7.93E-01	3.24E+00	2.35E-01	0.00E+00	0.00E+00
1.28E+01	1.07E+00	1.39E+01	1.27E+00	4.43E+00	3.47E-01	2.02E+00	1.53E-01	2.79E+01	2.53E+00	9.31E+00	8.48E-01	3.15E+00	2.49E-01	0.00E+00	0.00E+00
1.05E+01	1.09E+00	1.08E+01	1.26E+00	3.13E+00	3.31E-01	1.66E+00	1.56E-01	2.97E+01	2.58E+00	7.62E+00	8.54E-01	2.63E+00	2.87E-01	0.00E+00	0.00E+00
7.13E+00	1.07E+00	8.24E+00	1.18E+00	2.54E+00	3.00E-01	1.11E+00	1.73E-01	2.57E+01	2.49E+00	5.45E+00	8.07E-01	1.84E+00	3.25E-01	0.00E+00	0.00E+00
5.10E+00	1.18E+00	8.40E+00	1.11E+00	2.54E+00	2.65E-01	8.34E-01	1.92E-01	2.14E+01	2.32E+00	4.80E+00	8.83E-01	1.59E+00	3.59E-01	0.00E+00	0.00E+00
5.67E+00	1.25E+00	7.86E+00	1.14E+00	2.35E+00	3.03E-01	1.06E+00	2.11E-01	2.03E+01	2.14E+00	4.71E+00	9.22E-01	1.87E+00	3.81E-01	0.00E+00	0.00E+00
6.76E+00	1.21E+00	8.78E+00	1.11E+00	2.71E+00	3.22E-01	1.09E+00	2.04E-01	2.06E+01	1.91E+00	5.56E+00	8.90E-01	2.13E+00	3.63E-01	0.00E+00	0.00E+00
7.97E+00	1.07E+00	9.81E+00	1.05E+00	2.83E+00	3.01E-01	1.17E+00	1.74E-01	2.01E+01	1.64E+00	6.45E+00	8.19E-01	2.17E+00	3.16E-01	0.00E+00	0.00E+00
8.56E+00	9.46E-01	9.96E+00	1.01E+00	2.64E+00	2.62E-01	1.33E+00	1.45E-01	1.86E+01	1.70E+00	6.83E+00	7.68E-01	2.59E+00	2.74E-01	0.00E+00	0.00E+00
8.27E+00	8.55E-01	9.05E+00	9.61E-01	2.32E+00	2.97E-01	1.30E+00	1.25E-01	1.74E+01	1.83E+00	6.48E+00	7.24E-01	2.44E+00	2.45E-01	0.00E+00	0.00E+00
8.88E+00	8.97E-01	9.61E+00	1.07E+00	3.26E+00	3.39E-01	1.38E+00	1.35E-01	2.20E+01	1.90E+00	6.57E+00	7.21E-01	2.44E+00	2.27E-01	0.00E+00	0.00E+00

Scenario 4 Results

8.20E+00	9.82E-01	1.27E+01	1.18E+00	4.03E+00	3.60E-01	1.04E+00	1.44E-01	3.07E+01	2.16E+00	7.36E+00	7.94E-01	1.80E+00	2.39E-01	0.00E+00	0.00E+00
9.85E+00	1.01E+00	1.50E+01	1.24E+00	4.35E+00	3.65E-01	1.13E+00	1.45E-01	3.81E+01	2.45E+00	8.86E+00	8.27E-01	1.88E+00	2.38E-01	0.00E+00	0.00E+00
1.04E+01	1.02E+00	1.56E+01	1.24E+00	4.06E+00	3.49E-01	1.25E+00	1.44E-01	4.17E+01	2.60E+00	9.41E+00	8.37E-01	2.52E+00	2.37E-01	0.00E+00	0.00E+00
9.57E+00	9.73E-01	1.41E+01	1.19E+00	3.24E+00	3.16E-01	1.56E+00	1.35E-01	3.99E+01	2.62E+00	8.69E+00	8.01E-01	3.15E+00	2.22E-01	0.00E+00	0.00E+00
9.64E+00	9.16E-01	1.11E+01	1.09E+00	2.89E+00	2.72E-01	1.75E+00	1.27E-01	3.33E+01	2.48E+00	6.91E+00	7.44E-01	3.57E+00	2.49E-01	0.00E+00	0.00E+00
9.60E+00	7.99E-01	8.40E+00	9.22E-01	3.02E+00	2.30E-01	1.73E+00	1.34E-01	2.40E+01	2.16E+00	6.54E+00	6.34E-01	3.59E+00	2.67E-01	0.00E+00	0.00E+00
8.42E+00	8.03E-01	8.87E+00	7.60E-01	2.71E+00	2.12E-01	1.50E+00	1.31E-01	2.05E+01	1.80E+00	5.85E+00	5.94E-01	3.18E+00	2.58E-01	0.00E+00	0.00E+00
6.64E+00	7.61E-01	8.28E+00	7.63E-01	2.28E+00	1.90E-01	1.17E+00	1.20E-01	2.14E+01	1.67E+00	5.10E+00	5.72E-01	2.50E+00	2.29E-01	0.00E+00	0.00E+00
6.71E+00	7.05E-01	9.70E+00	7.93E-01	2.61E+00	2.22E-01	8.48E-01	1.06E-01	2.54E+01	1.60E+00	5.93E+00	5.44E-01	2.11E+00	1.97E-01	0.00E+00	0.00E+00
7.60E+00	7.27E-01	1.09E+01	9.23E-01	2.92E+00	2.65E-01	9.49E-01	1.14E-01	2.87E+01	1.76E+00	6.72E+00	6.58E-01	2.89E+00	2.27E-01	0.00E+00	0.00E+00
8.09E+00	9.06E-01	1.16E+01	1.12E+00	3.22E+00	3.17E-01	1.03E+00	1.29E-01	3.07E+01	2.00E+00	7.17E+00	7.32E-01	3.34E+00	2.50E-01	0.00E+00	0.00E+00
8.14E+00	1.03E+00	1.17E+01	1.29E+00	3.25E+00	3.46E-01	9.67E-01	1.44E-01	3.13E+01	2.45E+00	7.26E+00	8.37E-01	3.30E+00	2.49E-01	0.00E+00	0.00E+00
7.79E+00	1.00E+00	1.14E+01	1.33E+00	3.02E+00	3.30E-01	8.85E-01	1.31E-01	3.06E+01	2.86E+00	7.01E+00	8.39E-01	2.86E+00	2.26E-01	0.00E+00	0.00E+00
7.19E+00	8.73E-01	1.08E+01	1.23E+00	2.80E+00	2.83E-01	9.38E-01	1.03E-01	2.92E+01	3.06E+00	6.54E+00	7.61E-01	2.24E+00	1.91E-01	0.00E+00	0.00E+00
6.45E+00	7.21E-01	9.91E+00	1.05E+00	2.69E+00	2.48E-01	7.56E-01	1.15E-01	2.75E+01	2.93E+00	5.92E+00	6.42E-01	1.66E+00	1.93E-01	0.00E+00	0.00E+00
5.63E+00	9.46E-01	8.90E+00	1.08E+00	2.52E+00	3.18E-01	8.84E-01	1.43E-01	2.45E+01	2.54E+00	5.23E+00	7.35E-01	1.53E+00	2.38E-01	0.00E+00	0.00E+00
4.83E+00	1.11E+00	7.81E+00	1.36E+00	2.28E+00	3.69E-01	7.55E-01	1.57E-01	2.09E+01	2.62E+00	4.53E+00	8.91E-01	1.43E+00	2.60E-01	0.00E+00	0.00E+00
4.57E+00	1.21E+00	6.83E+00	1.54E+00	1.98E+00	4.24E-01	8.72E-01	1.63E-01	1.82E+01	3.32E+00	4.07E+00	9.99E-01	1.59E+00	2.69E-01	0.00E+00	0.00E+00
4.78E+00	1.31E+00	6.57E+00	1.75E+00	2.18E+00	4.46E-01	8.04E-01	1.68E-01	1.74E+01	3.98E+00	4.01E+00	1.10E+00	1.44E+00	2.78E-01	0.00E+00	0.00E+00
7.49E+00	8.65E-01	6.83E+00	1.16E+00	2.04E+00	3.39E-01	1.32E+00	1.31E-01	1.66E+01	2.47E+00	5.52E+00	7.20E-01	2.50E+00	2.27E-01	0.00E+00	0.00E+00
1.01E+01	8.86E-01	9.79E+00	1.16E+00	3.17E+00	3.39E-01	1.74E+00	1.34E-01	1.59E+01	2.24E+00	7.15E+00	7.31E-01	2.99E+00	2.28E-01	0.00E+00	0.00E+00
1.23E+01	1.05E+00	1.23E+01	1.31E+00	3.94E+00	3.71E-01	2.07E+00	1.47E-01	2.25E+01	2.59E+00	8.68E+00	8.51E-01	3.40E+00	2.39E-01	0.00E+00	0.00E+00
1.25E+01	1.16E+00	1.21E+01	1.39E+00	3.61E+00	3.77E-01	2.08E+00	1.65E-01	2.88E+01	2.77E+00	8.72E+00	9.21E-01	3.38E+00	2.68E-01	0.00E+00	0.00E+00
1.01E+01	1.19E+00	9.97E+00	1.37E+00	2.67E+00	3.60E-01	1.75E+00	1.72E-01	3.07E+01	2.78E+00	7.06E+00	9.33E-01	2.91E+00	2.91E-01	0.00E+00	0.00E+00
6.93E+00	1.14E+00	9.11E+00	1.29E+00	2.79E+00	3.27E-01	1.18E+00	1.75E-01	2.53E+01	2.70E+00	5.13E+00	8.88E-01	2.02E+00	3.29E-01	0.00E+00	0.00E+00
5.49E+00	1.19E+00	8.93E+00	1.15E+00	2.68E+00	2.86E-01	8.42E-01	1.97E-01	2.28E+01	2.55E+00	5.14E+00	8.97E-01	1.61E+00	3.68E-01	0.00E+00	0.00E+00
6.29E+00	1.25E+00	8.60E+00	1.13E+00	2.74E+00	3.08E-01	1.03E+00	2.11E-01	2.29E+01	2.32E+00	5.23E+00	9.22E-01	1.82E+00	3.82E-01	0.00E+00	0.00E+00
7.89E+00	1.16E+00	1.01E+01	1.09E+00	3.02E+00	3.06E-01	1.16E+00	1.95E-01	2.31E+01	2.02E+00	6.45E+00	8.70E-01	2.24E+00	3.51E-01	0.00E+00	0.00E+00
9.06E+00	1.01E+00	1.08E+01	1.03E+00	2.96E+00	2.72E-01	1.32E+00	1.61E-01	2.20E+01	1.73E+00	7.27E+00	7.97E-01	2.24E+00	3.00E-01	0.00E+00	0.00E+00
9.27E+00	8.93E-01	1.03E+01	9.78E-01	2.53E+00	2.91E-01	1.38E+00	1.34E-01	1.93E+01	1.87E+00	7.29E+00	7.45E-01	2.40E+00	2.63E-01	0.00E+00	0.00E+00
8.20E+00	8.77E-01	8.78E+00	1.06E+00	3.08E+00	3.44E-01	1.24E+00	1.32E-01	1.96E+01	1.96E+00	6.34E+00	7.12E-01	2.20E+00	2.30E-01	0.00E+00	0.00E+00
7.81E+00	1.02E+00	1.23E+01	1.21E+00	4.04E+00	3.74E-01	1.13E+00	1.52E-01	2.94E+01	2.10E+00	7.03E+00	8.21E-01	1.97E+00	2.55E-01	0.00E+00	0.00E+00
9.77E+00	1.07E+00	1.52E+01	1.29E+00	4.52E+00	3.86E-01	1.10E+00	1.56E-01	3.85E+01	2.44E+00	8.86E+00	8.70E-01	1.85E+00	2.58E-01	0.00E+00	0.00E+00
1.07E+01	1.10E+00	1.62E+01	1.32E+00	4.27E+00	3.74E-01	1.33E+00	1.58E-01	4.38E+01	2.64E+00	9.72E+00	8.93E-01	2.66E+00	2.62E-01	0.00E+00	0.00E+00
9.91E+00	1.06E+00	1.49E+01	1.27E+00	3.38E+00	3.40E-01	1.78E+00	1.50E-01	4.27E+01	2.70E+00	9.10E+00	8.68E-01	3.55E+00	2.50E-01	0.00E+00	0.00E+00
1.15E+01	9.97E-01	1.16E+01	1.16E+00	2.92E+00	2.88E-01	2.09E+00	1.40E-01	3.55E+01	2.56E+00	7.52E+00	8.03E-01	4.20E+00	2.66E-01	0.00E+00	0.00E+00
1.15E+01	8.37E-01	8.50E+00	9.66E-01	3.05E+00	2.37E-01	2.06E+00	1.41E-01	2.49E+01	2.22E+00	7.67E+00	6.74E-01	4.22E+00	2.81E-01	0.00E+00	0.00E+00
9.68E+00	8.15E-01	9.02E+00	8.00E-01	2.69E+00	2.17E-01	1.72E+00	1.33E-01	2.10E+01	1.81E+00	6.65E+00	6.04E-01	3.60E+00	2.62E-01	0.00E+00	0.00E+00
7.17E+00	7.55E-01	8.81E+00	7.79E-01	2.48E+00	1.96E-01	1.25E+00	1.18E-01	2.28E+01	1.64E+00	5.31E+00	5.73E-01	2.67E+00	2.25E-01	0.00E+00	0.00E+00
7.29E+00	6.95E-01	1.05E+01	8.09E-01	2.82E+00	2.40E-01	1.01E+00	1.04E-01	2.73E+01	1.64E+00	6.42E+00	6.01E-01	2.36E+00	2.03E-01	0.00E+00	0.00E+00
8.18E+00	8.39E-01	1.17E+01	1.01E+00	3.12E+00	3.00E-01	1.17E+00	1.24E-01	3.08E+01	1.90E+00	7.22E+00	7.34E-01	3.30E+00	2.54E-01	0.00E+00	0.00E+00
8.53E+00	1.01E+00	1.23E+01	1.24E+00	3.39E+00	3.53E-01	1.29E+00	1.46E-01	3.27E+01	2.19E+00	7.58E+00	8.12E-01	3.80E+00	2.81E-01	0.00E+00	0.00E+00
8.36E+00	1.08E+00	1.22E+01	1.38E+00	3.34E+00	3.58E-01	1.17E+00	1.47E-01	3.29E+01	2.75E+00	7.51E+00	8.85E-01	3.64E+00	2.72E-01	0.00E+00	0.00E+00
7.80E+00	9.79E-01	1.16E+01	1.34E+00	3.01E+00	3.15E-01	8.91E-01	1.21E-01	3.15E+01	3.13E+00	7.08E+00	8.37E-01	2.99E+00	2.35E-01	0.00E+00	0.00E+00
7.00E+00	7.95E-01	1.07E+01	1.16E+00	2.78E+00	2.50E-01	7.75E-01	1.07E-01	3.01E+01	3.09E+00	6.43E+00	7.10E-01	2.18E+00	1.89E-01	0.00E+00	0.00E+00
6.10E+00	8.91E-01	9.59E+00	9.86E-01	2.61E+00	2.99E-01	8.13E-01	1.38E-01	2.74E+01	2.73E+00	5.67E+00	6.85E-01	1.49E+00	2.32E-01	0.00E+00	0.00E+00
5.21E+00	1.10E+00	8.42E+00	1.31E+00	2.40E+00	3.80E-01	7.81E-01	1.60E-01	2.36E+01	2.40E+00	4.89E+00	8.75E-01	1.38E+00	2.67E-01	0.00E+00	0.00E+00
4.99E+00	1.26E+00	7.43E+00	1.57E+00	2.07E+00	4.48E-01	8.96E-01	1.77E-01	1.96E+01	3.27E+00	4.44E+00	1.03E+00	1.63E+00	2.87E-01	0.00E+00	0.00E+00
5.09E+00	1.37E+00	7.16E+00	1.84E+00	2.32E+00	4.70E-01	8.33E-01	1.80E-01	1.89E+01	4.07E+00	4.27E+00	1.15E+00	1.49E+00	2.98E-01	0.00E+00	0.00E+00
5.48E+00	1.43E+00	7.69E+00	1.93E+00	2.50E+00	4.35E-01	7.39E-01	1.84E-01	1.81E+01	4.79E+00	4.67E+00	1.21E+00	1.34E+00	3.06E-01	0.00E+00	0.00E+00
3.96E+00	1.06E+00	4.61E+00	1.46E+00	1.39E+00	4.27E-01	7.21E-01	1.39E-01	1.18E+01	3.11E+00	3.51E+00	9.03E-01	1.77E+00	2.20E-01	0.00E+00	0.00E+00
6.08E+00	9.69E-01	5.31E+00	1.32E+00	1.78E+00	3.77E-01	1.09E+00	1.31E-01	1.29E+01	2.87E+00	4.76E+00	8.20E-01	2.25E+00	2.28E-01	0.00E+00	0.00E+00
8.83E+00	9.20E-01	8.21E+00	1.23E+00	2.64E+00	3.64E-01	1.55E+00	1.39E-01	1.59E+01	2.53E+00	6.36E+00	7.64E-01	2.79E+00	2.39E-01	0.00E+00	0.00E+00
1.13E+01	1.12E+00	1.04E+01	1.43E+00	3.27E+00	4.11E-01	1.96E+00	1.55E-01	2.17E+01	2.78E+00	7.80E+00	9.10E-01	3.33E+00	2.50E-01	0.00E+00	0.00E+00
1.19E+01	1.27E+00	1.00E+01	1.54E+00	2.71E+00	4.25E-01	2.12E+00	1.80E-01	2.83E+01	3.03E+00	7.96E+00	1.01E+00	3.59E+00	2.92E-01	0.00E+00	0.00E+00
9.84E+00	1.32E+00	9.37E+00	1.54E+00	2.93E+00	4.02E-01	1.84E+00	1.89E-01	2.87E+01	3.13E+00	6.55E+00	1.04E+00	3.17E+00	3.07E-01	0.00E+00	0.00E+00
6.43E+00	1.24E+00	9.85E+00	1.43E+00	3.12E+00	3.57E-01	1.21E+00	1.77E-01	2.48E+01	3.06E+00	5.43E+00	9.81E-01	2.11E+00	3.22E-01	0.00E+00	0.00E+00
6.10E+00	1.18E+00	9.51E+00	1.25E+00	2.98E+00	3.01E-01	7.99E-01	1.96E-01	2.49E+01	2.83E+00	5.53E+00	8.88E-01	1.54E+00	3.64E-01	0.00E+00	0.00E+00
7.41E+00	1.21E+00	1.01E+01	1.10E+00	3.16E+00	2.99E-01	1.02E+00	2.04E-01	2.60E+01	2.49E+00	6.16E+00	9.00E-01	1.79E+00	3.71E-01	0.00E+00	0.00E+00
9.13E+00	1.10E+00	1.15E+01	1.05E+00	3.31E+00	2.80E-01	1.30E+00	1.80E-01	2.54E+01	2.04E+00	7.44E+00	8.38E-01	2.20E+00	3.32E-01	0.00E+00	0.00E+00
9.90E+00	9.43E-01	1.15E+01	9.91E-01	2.97E+00	2.77E-01	1.45E+00	1.46E-01	2.28E+01	1.87E+00	7.91E+00	7.64E-01	2.52E+00	2.81E-01	0.00E+00	0.00E+00
9.34E+00	8.33E-01	9.99E+00	1.03E+00	2.75E+00	3.45E-01	1.40E+00	1.24E-01	1.88E+01	1.98E+00	7.30E+00	7.05E-01	2.48E+00	2.51E-01	0.00E+00	0.00E+00
7.40E+00	1.04E+00	1.15E+01	1.23E+00	3.82E+00	3.92E-01	1.13E+00	1.56E-01	2.74E+01	2.05E+00	6.51E+00	8.35E-01	2.03E+00	2.65E-01	0.00E+00	0.00E+00
9.46E+00	1.13E+00	1.49E+01	1.36E+00	4.44E+00	4.19E-01	1.05E+00	1.67E-01	3.82E+01	2.40E+00	8.64E+00	9.14E-01	1.79E+00	2.79E-01	0.00E+00	0.00E+00
1.07E+01	1.18E+00	1.65E+01	1.41E+00	4.26E+00	4.16E-01	1.43E+00	1.73E-01	4.53E+01	2.66E+00	9.84E+00	9.57E-01	2.82E+00	2.88E-01	0.00E+00	0.00E+00
1.14E+01	1.17E+00	1.53E+01	1.38E+00	3.36E+00	3.80E-01	2.12E+00	1.69E-01	4.50E+01	2.75E+00	9.38E+00	9.45E-01	4.14E+00	2.83E-01	0.00E+00	0.00E+00
1.42E+01	1.09E+00	1.18E+01	1.25E+00	3.02E+00	3.15E-01	2.63E+00	1.56E-01	3.72E+01	2.61E+00	9.07E+00	8.68E-01	5.14E+00	3.02E-01	0.00E+00	0.00E+00
1.42E+01	9.27E-01	9.01E+00	1.01E+00	3.15E+00	2.41E-01	2.59E+00	1.57E-01	2.53E+01	2.25E+00	9.24E+00	7.15E-01	5.14E+00	3.11E-01	0.00E+00	0.00E+00
1.14E+01	8.61E-01	9.13E+00	8.34E-01	2.68E+00	2.29E-01	2.03E+00	1.40E-01	2.12E+01	1.80E+00	7.64E+00	6.31E-01	4.15E+00	2.76E-01	0.00E+00	0.00E+00
7.76E+00	7.62E-01	9.54E+00	8.19E-01	2.70E+00	2.25E-01	1.34E+00	1.18E-01	2.44E+01	1.71E+00	5.78E+00	5.78E-01	2.84E+00	2.24E-01	0.00E+00	0.00E+00
7.97E+00	8.10E-01	1.13E+01	8.73E-01	3.02E+00	2.68E-01	1.28E+00	1.21E-01	2.93E+01	1.74E+00	6.97E+00	6.70E-01	2.60E+00	2.27E-01	0.00E+00	0.00E+00
8.79E+00	9.76E-01	1.24E+01	1.13E+00	3.27E+00	3.40E-01	1.48E+00	1.47E-01	3.28E+01	2.03E+00	7.72E+00	8.16E-01	3.65E+00	2.88E-01	0.00E+00	0.00E+00
8.95E+00	1.12E+00	1.28E+01	1.38E+00	3.44E+00	3.82E-01	1.56E+00	1.59E-01	3.44E+01	2.49E+00	7.95E+00	9.02E-01	4.08E+00	3.09E-01	0.00E+00	0.00E+00
8.51E+00	1.11E+00	1.26E+01	1.46E+00	3.30E+00	3.61E-01	1.33E+00	1.44E-01	3.40E+01	3.16E+00	7.68E+00	9.28E-01	3.72E+00	2.85E-01	0.00E+00	0.00E+00
7.68E+00	9.39E-01	1.17E+01	1.34E+00	2.97E+00	2.93E-01	9.38E-01	1.12E-01	3.20E+01	3.42E+00	7.04E+00	8.26E-01	2.88E+00	2.34E-01	0.00E+00	0.00E+00
6.64E+00	8.50E-01	1.04E+01	1.08E+00	2.71E+00	2.90E-01	7.28E-01	1.37E-01	3.03E+01	3.08E+00	6.18E+00	6.63E-01	1.96E+00	2.33E-01	0.00E+00	0.00E+00
5.60E+00	1.05E+00	9.05E+00	1.19E+00	2.43E+00	3.73E-01	7.23E-01	1.59E-01	2.67E+01	2.51E+00	5.28E+00	8.18E-01	1.27E+00	2.65E-01	0.00E+00	0.00E+00
5.50E+00	1.29E+00	8.25E+00	1.58E+00	2.30E+00	4.58E-01	8.61E-01	1.86E-01	2.22E+01	3.12E+00	4.90E+00	1.02E+00	1.56E+00	3.02E-01	0.00E+00	0.00E+00
5.39E+00	1.45E+00	8.02E+00	1.93E+00	2.39E+00	4.92E-01	8.38E-01	1.89E-01	2.11E+01	4.14E+00	4.77E+00	1.21E+00	1.49E+00	3.09E-01	0.00E+00	0.00E+00
5.88E+00	1.50E+00	8.13E+00	2.07E+00	2.69E+00	4.60E-01	7.85E-01	1.97E-01	2.01E+01	5.09E+00	4.96E+00	1.27E+00	1.37E+00	3.29E-01	0.00E+00	0.00E+00
6.39E+00	1.52E+00	8.88E+00	2.09E+00	2.79E+00	4.76E-01	9.23E-01	1.98E-01	2.03E+01	5.27E+00	5.35E+00	1.29E+00	1.51E+00	3.32E-01	0.00E+00	0.00E+00
4.91E+00	1.14E+00	5.24E+00	1.67E+00	1.63E+00	4.90E-01	9.65E-01	1.40E-01	1.24E+01	3.64E+00	3.11E+00	1.00E+00	1.79E+00	2.36E-01	0.00E+00	0.00E+00
4.40E+00	1.14E+00	4.94E+00	1.61E+00	1.54E+00	4.62E-01	8.69E-01	1.44E-01	1.26E+01	3.49E+00	2.92E+00	9.86E-01	1.57E+00	2.32E-01	0.00E+00	0.00E+00
4.54E+00	1.10E+00	5.97E+00	1.50E+00	2.12E+00	4.30E-01	8.24E-01	1.45E-01	1.46E+01	3.16E+00	3.78E+00	9.35E-01	1.83E+00	2.33E-01	0.00E+00	0.00E+00
7.11E+00	1.04E+00	7.37E+00	1.36E+00	2.46E+00	4.04E-01	1.28E+00	1.42E-01	1.84E+01	2.79E+00	5.26E+00	8.60E-01	2.43E+00	2.46E-01	0.00E+00	0.00E+00
9.61E+00	1.19E+00	8.02E+00	1.58E+00	2.46E+00	4.63E-01	1.74E+00	1.61E-01	1.96E+01	3.09E+00	6.64E+00	9.80E-01	3.11E+00	2.58E-01	0.00E+00	0.00E+00
1.05E+01	1.37E+00	9.07E+00	1.72E+00	2.95E+00	4.72E-01	1.95E+00	1.89E-01	2.32E+01	3.46E+00	6.87E+00	1.10E+00	3.47E+00	3.04E-01	0.00E+00	0.00E+00
8.87E+00	1.42E+00	1.05E+01	1.70E+00	3.50E+00	4.36E-01	1.71E+00	2.00E-01	2.60E+01	3.58E+00	5.77E+00	1.14E+00	3.05E+00	3.25E-01	0.00E+00	0.00E+00
6.30E+00	1.35E+00	1.11E+01	1.56E+00	3.67E+00	3.75E-01	1.14E+00	1.91E-01	2.70E+01	3.40E+00	6.07E+00	1.07E+00	2.02E+00	3.15E-01	0.00E+00	0.00E+00
6.66E+00	1.19E+00	1.02E+01	1.34E+00	3.20E+00	3.07E-01	8.66E-01	1.94E-01	2.80E+01	3.01E+00	6.08E+00	9.44E-01	1.50E+00	3.61E-01	0.00E+00	0.00E+00
8.57E+00	1.15E+00	1.17E+01	1.08E+00	3.53E+00	2.85E-01	1.17E+00	1.92E-01	2.80E+01	2.48E+00	7.17E+00	8.65E-01	1.95E+00	3.51E-01	0.00E+00	0.00E+00
1.01E+01	1.01E+00	1.25E+01	1.02E+00	3.33E+00	2.63E-01	1.44E+00	1.62E-01	2.56E+01	1.88E+00	8.23E+00	7.94E-01	2.48E+00	3.04E-01	0.00E+00	0.00E+00
1.05E+01	8.94E-01	1.15E+01	9.80E-01	2.60E+00	3.39E-01	1.56E+00	1.36E-01	2.13E+01	1.95E+00	8.25E+00	7.42E-01	2.76E+00	2.70E-01	0.00E+00	0.00E+00
9.08E+00	1.01E+00	1.01E+01	1.24E+00	3.42E+00	4.08E-01	1.40E+00	1.51E-01	2.39E+01	2.04E+00	6.88E+00	8.23E-01	2.52E+00	2.59E-01	0.00E+00	0.00E+00
8.77E+00	1.18E+00	1.40E+01	1.43E+00	4.23E+00	4.57E-01	9.74E-01	1.75E-01	3.56E+01	2.37E+00	8.04E+00	9.52E-01	1.92E+00	2.94E-01	0.00E+00	0.00E+00

Scenario 4 Results

1.04E+01	1.26E+00	1.61E+01	1.52E+00	4.20E+00	4.71E-01	1.48E+00	1.84E-01	4.40E+01	2.71E+00	9.57E+00	1.02E+00	2.89E+00	3.07E-01	0.00E+00	0.00E+00
1.34E+01	1.26E+00	1.52E+01	1.51E+00	3.29E+00	4.34E-01	2.52E+00	1.83E-01	4.48E+01	2.85E+00	9.32E+00	1.02E+00	4.85E+00	3.09E-01	0.00E+00	0.00E+00
1.79E+01	1.16E+00	1.15E+01	1.35E+00	3.12E+00	3.50E-01	3.35E+00	1.82E-01	3.69E+01	2.72E+00	1.11E+01	9.34E-01	6.42E+00	3.54E-01	0.00E+00	0.00E+00
1.77E+01	1.05E+00	1.06E+01	1.07E+00	3.25E+00	2.68E-01	3.26E+00	1.82E-01	2.45E+01	2.32E+00	1.12E+01	7.51E-01	6.35E+00	3.56E-01	0.00E+00	0.00E+00
1.32E+01	9.11E-01	9.00E+00	8.89E-01	2.62E+00	2.63E-01	2.36E+00	1.49E-01	2.08E+01	1.80E+00	8.73E+00	6.63E-01	4.77E+00	2.93E-01	0.00E+00	0.00E+00
8.03E+00	7.89E-01	1.05E+01	8.70E-01	3.01E+00	2.82E-01	1.38E+00	1.31E-01	2.65E+01	1.83E+00	6.35E+00	5.83E-01	2.94E+00	2.37E-01	0.00E+00	0.00E+00
8.74E+00	9.54E-01	1.23E+01	9.91E-01	3.28E+00	3.04E-01	1.58E+00	1.46E-01	3.18E+01	1.87E+00	7.64E+00	7.61E-01	3.08E+00	2.65E-01	0.00E+00	0.00E+00
9.92E+00	1.16E+00	1.33E+01	1.29E+00	3.48E+00	3.78E-01	1.94E+00	1.79E-01	3.50E+01	2.18E+00	8.29E+00	9.24E-01	4.26E+00	3.36E-01	0.00E+00	0.00E+00
1.00E+01	1.21E+00	1.33E+01	1.50E+00	3.48E+00	3.93E-01	1.95E+00	1.78E-01	3.58E+01	2.83E+00	8.25E+00	9.79E-01	4.50E+00	3.45E-01	0.00E+00	0.00E+00
8.46E+00	1.09E+00	1.25E+01	1.48E+00	3.19E+00	3.41E-01	1.49E+00	1.50E-01	3.44E+01	3.48E+00	7.66E+00	9.35E-01	3.75E+00	2.97E-01	0.00E+00	0.00E+00
7.36E+00	8.75E-01	1.14E+01	1.27E+00	2.90E+00	3.25E-01	9.26E-01	1.38E-01	3.20E+01	3.50E+00	6.80E+00	7.84E-01	2.60E+00	2.38E-01	0.00E+00	0.00E+00
6.15E+00	1.05E+00	9.91E+00	1.15E+00	2.60E+00	3.71E-01	7.72E-01	1.69E-01	2.94E+01	2.90E+00	5.80E+00	7.98E-01	1.61E+00	2.81E-01	0.00E+00	0.00E+00
5.93E+00	1.30E+00	8.92E+00	1.55E+00	2.56E+00	4.53E-01	8.11E-01	1.92E-01	2.52E+01	2.96E+00	5.27E+00	1.01E+00	1.45E+00	3.15E-01	0.00E+00	0.00E+00
5.87E+00	1.46E+00	8.96E+00	1.93E+00	2.45E+00	4.92E-01	8.10E-01	1.92E-01	2.36E+01	3.96E+00	5.29E+00	1.21E+00	1.37E+00	3.18E-01	0.00E+00	0.00E+00
6.24E+00	1.48E+00	8.46E+00	2.11E+00	2.76E+00	4.74E-01	8.45E-01	1.96E-01	2.30E+01	5.15E+00	5.23E+00	1.29E+00	1.33E+00	3.29E-01	0.00E+00	0.00E+00
6.72E+00	1.56E+00	9.43E+00	2.10E+00	2.96E+00	4.84E-01	9.91E-01	2.04E-01	2.13E+01	5.52E+00	5.72E+00	1.30E+00	1.60E+00	3.43E-01	0.00E+00	0.00E+00
8.16E+00	1.58E+00	1.05E+01	2.22E+00	3.37E+00	5.15E-01	1.15E+00	1.99E-01	2.42E+01	5.03E+00	6.60E+00	1.34E+00	1.77E+00	3.35E-01	0.00E+00	0.00E+00
6.24E+00	1.06E+00	5.57E+00	1.73E+00	1.67E+00	4.94E-01	1.22E+00	1.35E-01	1.37E+01	4.12E+00	3.72E+00	1.01E+00	2.26E+00	2.68E-01	0.00E+00	0.00E+00
6.12E+00	1.14E+00	5.68E+00	1.76E+00	1.75E+00	5.19E-01	1.20E+00	1.35E-01	1.40E+01	3.94E+00	3.57E+00	1.03E+00	2.18E+00	2.53E-01	0.00E+00	0.00E+00
5.60E+00	1.22E+00	5.49E+00	1.78E+00	1.71E+00	5.22E-01	1.10E+00	1.53E-01	1.30E+01	3.73E+00	3.22E+00	1.08E+00	1.97E+00	2.51E-01	0.00E+00	0.00E+00
4.67E+00	1.26E+00	6.23E+00	1.73E+00	2.24E+00	5.02E-01	9.25E-01	1.65E-01	1.51E+01	3.52E+00	3.20E+00	1.07E+00	1.63E+00	2.71E-01	0.00E+00	0.00E+00
4.88E+00	1.22E+00	7.65E+00	1.62E+00	2.60E+00	4.52E-01	8.86E-01	1.65E-01	1.88E+01	3.22E+00	4.01E+00	1.02E+00	1.88E+00	2.70E-01	0.00E+00	0.00E+00
7.15E+00	1.23E+00	8.18E+00	1.73E+00	2.70E+00	5.01E-01	1.31E+00	1.60E-01	2.08E+01	3.49E+00	5.23E+00	1.04E+00	2.54E+00	2.51E-01	0.00E+00	0.00E+00
8.53E+00	1.45E+00	1.04E+01	1.88E+00	3.54E+00	5.08E-01	1.61E+00	1.95E-01	2.58E+01	3.91E+00	5.67E+00	1.19E+00	3.02E+00	3.13E-01	0.00E+00	0.00E+00
8.07E+00	1.55E+00	1.20E+01	1.85E+00	4.04E+00	4.64E-01	1.58E+00	2.17E-01	2.93E+01	3.91E+00	6.27E+00	1.24E+00	2.88E+00	3.55E-01	0.00E+00	0.00E+00
6.68E+00	1.49E+00	1.18E+01	1.66E+00	3.85E+00	3.95E-01	1.03E+00	2.15E-01	2.89E+01	3.53E+00	6.47E+00	1.17E+00	1.85E+00	3.58E-01	0.00E+00	0.00E+00
7.48E+00	1.31E+00	1.11E+01	1.39E+00	3.45E+00	3.16E-01	9.72E-01	1.93E-01	2.90E+01	2.96E+00	6.54E+00	1.02E+00	1.64E+00	3.37E-01	0.00E+00	0.00E+00
9.74E+00	1.08E+00	1.29E+01	1.07E+00	3.61E+00	2.82E-01	1.34E+00	1.74E-01	2.79E+01	2.27E+00	8.08E+00	8.24E-01	2.28E+00	3.19E-01	0.00E+00	0.00E+00
1.12E+01	9.56E-01	1.28E+01	1.03E+00	3.09E+00	3.21E-01	1.65E+00	1.47E-01	2.43E+01	1.87E+00	8.93E+00	7.74E-01	2.92E+00	2.83E-01	0.00E+00	0.00E+00
1.06E+01	9.11E-01	1.05E+01	1.20E+00	2.95E+00	4.12E-01	1.64E+00	1.35E-01	2.00E+01	1.99E+00	8.12E+00	7.68E-01	2.98E+00	2.72E-01	0.00E+00	0.00E+00
7.89E+00	1.17E+00	1.26E+01	1.47E+00	4.03E+00	4.88E-01	1.20E+00	1.72E-01	3.13E+01	2.30E+00	7.20E+00	9.55E-01	2.21E+00	2.91E-01	0.00E+00	0.00E+00
9.79E+00	1.30E+00	1.54E+01	1.63E+00	4.20E+00	5.25E-01	1.33E+00	1.90E-01	4.17E+01	2.73E+00	9.10E+00	1.06E+00	2.67E+00	3.16E-01	0.00E+00	0.00E+00
1.49E+01	1.36E+00	1.49E+01	1.64E+00	3.23E+00	4.89E-01	2.85E+00	1.98E-01	4.43E+01	2.95E+00	9.27E+00	1.10E+00	5.48E+00	3.34E-01	0.00E+00	0.00E+00
2.26E+01	1.26E+00	1.14E+01	1.47E+00	3.13E+00	3.85E-01	4.31E+00	2.19E-01	3.67E+01	2.86E+00	1.38E+01	1.01E+00	8.12E+00	4.22E-01	0.00E+00	0.00E+00
2.19E+01	1.21E+00	1.22E+01	1.13E+00	3.22E+00	3.01E-01	4.10E+00	2.13E-01	2.37E+01	2.42E+00	1.37E+01	8.19E-01	7.86E+00	4.13E-01	0.00E+00	0.00E+00
1.42E+01	9.35E-01	9.62E+00	9.93E-01	2.84E+00	3.02E-01	2.54E+00	1.53E-01	2.15E+01	1.94E+00	9.49E+00	6.85E-01	5.18E+00	3.03E-01	0.00E+00	0.00E+00
7.87E+00	8.54E-01	1.16E+01	9.75E-01	3.38E+00	3.55E-01	1.39E+00	1.42E-01	2.92E+01	1.97E+00	6.96E+00	6.28E-01	2.70E+00	2.55E-01	0.00E+00	0.00E+00
9.43E+00	1.12E+00	1.35E+01	1.15E+00	3.57E+00	3.63E-01	1.80E+00	1.74E-01	3.51E+01	2.08E+00	8.33E+00	8.68E-01	3.63E+00	3.11E-01	0.00E+00	0.00E+00
1.27E+01	1.35E+00	1.42E+01	1.43E+00	3.69E+00	4.08E-01	2.49E+00	2.12E-01	3.79E+01	2.43E+00	8.87E+00	1.05E+00	5.12E+00	3.92E-01	0.00E+00	0.00E+00
1.20E+01	1.32E+00	1.37E+01	1.57E+00	3.51E+00	3.84E-01	2.32E+00	2.02E-01	3.74E+01	3.14E+00	8.50E+00	1.06E+00	5.02E+00	3.82E-01	0.00E+00	0.00E+00
8.21E+00	1.08E+00	1.24E+01	1.43E+00	3.05E+00	3.65E-01	1.55E+00	1.56E-01	3.45E+01	3.58E+00	7.53E+00	9.15E-01	3.67E+00	3.02E-01	0.00E+00	0.00E+00
6.76E+00	1.05E+00	1.07E+01	1.26E+00	2.67E+00	4.04E-01	9.46E-01	1.79E-01	3.15E+01	3.22E+00	6.34E+00	8.18E-01	2.19E+00	2.98E-01	0.00E+00	0.00E+00
6.18E+00	1.34E+00	8.98E+00	1.53E+00	2.62E+00	4.62E-01	9.62E-01	2.07E-01	2.77E+01	3.24E+00	5.42E+00	1.02E+00	1.60E+00	3.45E-01	0.00E+00	0.00E+00
6.29E+00	1.45E+00	9.50E+00	1.88E+00	2.61E+00	5.21E-01	8.92E-01	1.96E-01	2.47E+01	3.67E+00	5.64E+00	1.19E+00	1.50E+00	3.28E-01	0.00E+00	0.00E+00
6.60E+00	1.45E+00	9.36E+00	2.07E+00	2.97E+00	5.74E-01	9.13E-01	1.93E-01	2.55E+01	4.93E+00	5.51E+00	1.26E+00	1.51E+00	3.27E-01	0.00E+00	0.00E+00
7.14E+00	1.50E+00	1.00E+01	2.02E+00	3.12E+00	5.47E-01	1.03E+00	1.97E-01	2.42E+01	5.44E+00	6.12E+00	1.25E+00	1.58E+00	3.36E-01	0.00E+00	0.00E+00
8.85E+00	1.57E+00	1.13E+01	2.12E+00	3.74E+00	5.14E-01	1.27E+00	2.08E-01	2.59E+01	5.00E+00	7.12E+00	1.32E+00	1.94E+00	3.43E-01	0.00E+00	0.00E+00
1.01E+01	1.71E+00	1.34E+01	2.33E+00	4.14E+00	6.70E-01	1.39E+00	2.49E-01	2.80E+01	5.31E+00	8.35E+00	1.42E+00	2.13E+00	4.17E-01	0.00E+00	0.00E+00
6.42E+00	1.04E+00	5.11E+00	1.65E+00	1.57E+00	4.68E-01	1.24E+00	1.48E-01	1.24E+01	3.97E+00	3.87E+00	9.17E-01	2.33E+00	2.77E-01	0.00E+00	0.00E+00
6.94E+00	1.07E+00	5.49E+00	1.79E+00	1.75E+00	5.01E-01	1.35E+00	1.43E-01	1.39E+01	4.18E+00	4.10E+00	1.02E+00	2.49E+00	2.82E-01	0.00E+00	0.00E+00
7.27E+00	1.15E+00	5.83E+00	1.84E+00	1.91E+00	5.45E-01	1.42E+00	1.35E-01	1.46E+01	4.17E+00	4.22E+00	1.09E+00	2.58E+00	2.75E-01	0.00E+00	0.00E+00
7.10E+00	1.29E+00	6.08E+00	1.96E+00	1.94E+00	5.73E-01	1.40E+00	1.56E-01	1.39E+01	4.09E+00	4.06E+00	1.16E+00	2.50E+00	2.60E-01	0.00E+00	0.00E+00
6.20E+00	1.36E+00	6.11E+00	1.95E+00	2.27E+00	5.51E-01	1.23E+00	1.71E-01	1.46E+01	4.00E+00	3.49E+00	1.19E+00	2.16E+00	2.90E-01	0.00E+00	0.00E+00
4.69E+00	1.34E+00	7.81E+00	1.81E+00	2.70E+00	4.77E-01	9.32E-01	1.75E-01	1.89E+01	3.71E+00	4.09E+00	1.14E+00	1.62E+00	2.95E-01	0.00E+00	0.00E+00
4.82E+00	1.27E+00	9.11E+00	1.85E+00	3.03E+00	5.40E-01	8.89E-01	1.67E-01	2.28E+01	3.79E+00	4.52E+00	1.09E+00	1.93E+00	2.83E-01	0.00E+00	0.00E+00
6.75E+00	1.54E+00	1.14E+01	2.05E+00	3.84E+00	5.59E-01	1.30E+00	2.06E-01	2.83E+01	4.16E+00	5.76E+00	1.27E+00	2.58E+00	3.32E-01	0.00E+00	0.00E+00
7.07E+00	1.68E+00	1.24E+01	2.00E+00	4.26E+00	5.05E-01	1.41E+00	2.38E-01	3.01E+01	4.04E+00	6.47E+00	1.35E+00	2.58E+00	3.97E-01	0.00E+00	0.00E+00
7.32E+00	1.63E+00	1.14E+01	1.75E+00	3.80E+00	4.13E-01	1.05E+00	2.42E-01	2.86E+01	3.48E+00	6.59E+00	1.27E+00	2.09E+00	4.15E-01	0.00E+00	0.00E+00
8.40E+00	1.38E+00	1.24E+01	1.38E+00	3.84E+00	3.08E-01	1.10E+00	2.13E-01	2.92E+01	2.69E+00	7.21E+00	1.06E+00	1.82E+00	3.72E-01	0.00E+00	0.00E+00
1.08E+01	1.06E+00	1.37E+01	1.08E+00	3.62E+00	2.94E-01	1.50E+00	1.68E-01	2.70E+01	1.80E+00	8.89E+00	7.89E-01	2.66E+00	2.96E-01	0.00E+00	0.00E+00
1.13E+01	9.41E-01	1.21E+01	1.11E+00	2.59E+00	3.94E-01	1.67E+00	1.42E-01	2.13E+01	1.88E+00	8.89E+00	7.70E-01	3.07E+00	2.73E-01	0.00E+00	0.00E+00
9.04E+00	1.08E+00	1.09E+01	1.44E+00	3.68E+00	4.94E-01	1.62E+00	1.57E-01	2.59E+01	2.15E+00	6.73E+00	9.05E-01	3.04E+00	2.81E-01	0.00E+00	0.00E+00
8.88E+00	1.29E+00	1.45E+01	1.67E+00	4.09E+00	5.52E-01	9.52E-01	1.87E-01	3.88E+01	2.66E+00	8.36E+00	1.07E+00	2.06E+00	3.15E-01	0.00E+00	0.00E+00
1.43E+01	1.41E+00	1.45E+01	1.73E+00	3.11E+00	5.22E-01	2.76E+00	2.06E-01	4.39E+01	2.99E+00	9.13E+00	1.15E+00	5.44E+00	3.52E-01	0.00E+00	0.00E+00
2.57E+01	1.34E+00	1.23E+01	1.56E+00	2.97E+00	4.01E-01	4.94E+00	2.44E-01	3.62E+01	2.96E+00	1.57E+01	1.08E+00	9.34E+00	4.71E-01	0.00E+00	0.00E+00
2.41E+01	1.29E+00	1.33E+01	1.15E+00	2.95E+00	3.26E-01	4.51E+00	2.28E-01	2.58E+01	2.48E+00	1.50E+01	8.58E-01	8.61E+00	4.41E-01	0.00E+00	0.00E+00
1.30E+01	9.11E-01	9.74E+00	1.10E+00	3.09E+00	3.57E-01	2.26E+00	1.56E-01	2.29E+01	2.09E+00	8.82E+00	7.07E-01	4.70E+00	2.89E-01	0.00E+00	0.00E+00
9.14E+00	9.78E-01	1.26E+01	1.18E+00	3.65E+00	4.28E-01	1.78E+00	1.52E-01	3.19E+01	2.09E+00	7.46E+00	7.65E-01	3.35E+00	2.68E-01	0.00E+00	0.00E+00
1.16E+01	1.29E+00	1.45E+01	1.35E+00	3.76E+00	4.16E-01	2.27E+00	2.04E-01	3.86E+01	2.42E+00	8.87E+00	9.82E-01	4.41E+00	3.64E-01	0.00E+00	0.00E+00
1.46E+01	1.48E+00	1.48E+01	1.53E+00	3.76E+00	4.21E-01	2.85E+00	2.34E-01	4.09E+01	2.75E+00	9.61E+00	1.14E+00	5.73E+00	4.31E-01	0.00E+00	0.00E+00
1.23E+01	1.35E+00	1.38E+01	1.52E+00	3.41E+00	4.25E-01	2.37E+00	2.04E-01	3.89E+01	3.25E+00	8.63E+00	1.09E+00	5.06E+00	3.87E-01	0.00E+00	0.00E+00
7.60E+00	1.18E+00	1.19E+01	1.40E+00	2.81E+00	4.80E-01	1.34E+00	1.83E-01	3.44E+01	3.35E+00	7.14E+00	9.17E-01	3.18E+00	3.15E-01	0.00E+00	0.00E+00
6.69E+00	1.35E+00	9.87E+00	1.59E+00	2.56E+00	5.19E-01	1.24E+00	2.20E-01	3.06E+01	3.52E+00	5.77E+00	1.01E+00	2.12E+00	3.74E-01	0.00E+00	0.00E+00
6.54E+00	1.46E+00	9.46E+00	1.85E+00	2.91E+00	5.88E-01	1.10E+00	2.04E-01	2.53E+01	3.76E+00	5.79E+00	1.17E+00	1.79E+00	3.46E-01	0.00E+00	0.00E+00
6.81E+00	1.43E+00	9.59E+00	1.98E+00	3.07E+00	6.55E-01	9.88E-01	2.02E-01	2.59E+01	4.57E+00	5.74E+00	1.20E+00	1.68E+00	3.17E-01	0.00E+00	0.00E+00
7.56E+00	1.49E+00	1.06E+01	2.14E+00	3.42E+00	6.33E-01	1.06E+00	2.11E-01	2.58E+01	5.06E+00	6.43E+00	1.29E+00	1.79E+00	3.60E-01	0.00E+00	0.00E+00
9.24E+00	1.62E+00	1.19E+01	2.15E+00	4.14E+00	6.32E-01	1.34E+00	2.63E-01	2.76E+01	5.18E+00	7.40E+00	1.39E+00	2.02E+00	4.42E-01	0.00E+00	0.00E+00
1.11E+01	1.97E+00	1.48E+01	2.39E+00	4.74E+00	8.25E-01	1.52E+00	2.98E-01	3.06E+01	5.38E+00	9.17E+00	1.59E+00	2.31E+00	4.96E-01	0.00E+00	0.00E+00
1.20E+01	2.26E+00	1.64E+01	2.98E+00	4.88E+00	9.41E-01	1.56E+00	3.13E-01	3.60E+01	6.41E+00	1.01E+01	1.91E+00	2.38E+00	5.43E-01	0.00E+00	0.00E+00
6.24E+00	1.19E+00	5.04E+00	1.57E+00	1.62E+00	4.32E-01	1.24E+00	1.60E-01	1.24E+01	3.28E+00	3.72E+00	1.03E+00	2.29E+00	2.83E-01	0.00E+00	0.00E+00
6.25E+00	1.20E+00	5.43E+00	1.59E+00	1.69E+00	4.56E-01	1.23E+00	1.67E-01	1.29E+01	3.80E+00	3.77E+00	1.00E+00	2.25E+00	2.90E-01	0.00E+00	0.00E+00
7.33E+00	1.16E+00	5.73E+00	1.83E+00	1.86E+00	5.14E-01	1.42E+00	1.68E-01	1.36E+01	4.27E+00	4.36E+00	1.03E+00	2.63E+00	2.97E-01	0.00E+00	0.00E+00
8.19E+00	1.18E+00	6.27E+00	1.94E+00	2.05E+00	5.41E-01	1.60E+00	1.60E-01	1.52E+01	4.44E+00	4.79E+00	1.13E+00	2.92E+00	2.96E-01	0.00E+00	0.00E+00
8.32E+00	1.28E+00	6.43E+00	2.05E+00	2.08E+00	5.79E-01	1.64E+00	1.45E-01	1.48E+01	4.40E+00	4.79E+00	1.19E+00	2.94E+00	2.78E-01	0.00E+00	0.00E+00
7.62E+00	1.40E+00	6.01E+00	2.09E+00	2.21E+00	5.67E-01	1.51E+00	1.69E-01	1.44E+01	4.40E+00	4.32E+00	1.26E+00	2.66E+00	2.94E-01	0.00E+00	0.00E+00
6.25E+00	1.44E+00	7.69E+00	1.97E+00	2.68E+00	4.98E-01	1.24E+00	1.85E-01	1.86E+01	4.10E+00	4.00E+00	1.25E+00	2.16E+00	3.24E-01	0.00E+00	0.00E+00
4.64E+00	1.38E+00	9.29E+00	1.99E+00	3.11E+00	5.96E-01	8.21E-01	1.85E-01	2.31E+01	3.95E+00	4.54E+00	1.14E+00	1.76E+00	3.27E-01	0.00E+00	0.00E+00
5.81E+00	1.60E+00	1.16E+01	2.18E+00	4.04E+00	5.99E-01	9.30E-01	2.12E-01	2.78E+01	4.25E+00	5.75E+00	1.34E+00	1.99E+00	3.50E-01	0.00E+00	0.00E+00
6.86E+00	1.73E+00	1.20E+01	2.02E+00	4.18E+00	5.12E-01	1.08E+00	2.50E-01	2.84E+01	3.82E+00	6.21E+00	1.40E+00	2.23E+00	4.35E-01	0.00E+00	0.00E+00
8.03E+00	1.66E+00	1.25E+01	1.67E+00	4.04E+00	3.92E-01	1.08E+00	2.56E-01	2.88E+01	2.99E+00	7.13E+00	1.28E+00	2.08E+00	4.57E-01	0.00E+00	0.00E+00
9.07E+00	1.41E+00	1.35E+01	1.24E+00	3.92E+00	3.12E-01	1.15E+00	2.32E-01	2.87E+01	2.00E+00	7.84E+00	1.04E+00	1.97E+00	4.16E-01	0.00E+00	0.00E+00
1.09E+01	1.04E+00	1.32E+01	1.10E+00	3.22E+00	3.57E-01	1.52E+00	1.78E-01	2.37E+01	1.70E+00	8.90E+00	7.75E-01	2.78E+00	3.20E-01	0.00E+00	0.00E+00
1.02E+01	1.01E+00	9.62E+00	1.35E+00	3.05E+00	4.80E-01	1.57E+00	1.53E-01	2.07E+01	1.97E+00	7.74E+00	8.19E-01	3.03E+00	2.94E-01	0.00E+00	0.00E+00
7.41E+00	1.18E+00	1.26E+01	1.66E+00	3.68E+00	5.73E-01	1.14E+00	1.66E-01	3.38E+01	2.57E+00	7.08E+00	1.01E+00	2.49E+00	3.02E-01	0.00E+00	0.00E+00
1.08E+01	1.37E+00	1.32E+01	1.80E+00	2.87E+00	5.55E-01	2.10E+00	1.93E-01	4.17E+01	3.04E+00	7.73E+00	1.16E+00	4.38E+00	3.37E-01	0.00E+00	0.00E+00

Scenario 4 Results

2.54E+01	1.34E+00	1.18E+01	1.63E+00	2.67E+00	4.11E-01	4.91E+00	2.40E-01	3.45E+01	3.10E+00	1.56E+01	1.12E+00	9.35E+00	4.67E-01	0.00E+00	0.00E+00
2.21E+01	1.18E+00	1.26E+01	1.16E+00	2.52E+00	3.52E-01	4.11E+00	2.09E-01	2.63E+01	2.59E+00	1.38E+01	8.04E-01	7.90E+00	4.05E-01	0.00E+00	0.00E+00
9.73E+00	9.07E-01	9.49E+00	1.18E+00	3.18E+00	4.29E-01	1.78E+00	1.54E-01	2.33E+01	2.22E+00	6.62E+00	7.59E-01	3.53E+00	2.84E-01	0.00E+00	0.00E+00
1.14E+01	1.14E+00	1.28E+01	1.39E+00	3.64E+00	4.78E-01	2.23E+00	1.73E-01	3.32E+01	2.19E+00	7.54E+00	9.11E-01	4.16E+00	2.87E-01	0.00E+00	0.00E+00
1.52E+01	1.49E+00	1.46E+01	1.48E+00	3.61E+00	4.43E-01	2.99E+00	2.41E-01	4.02E+01	2.75E+00	9.49E+00	1.11E+00	5.73E+00	4.35E-01	0.00E+00	0.00E+00
1.58E+01	1.55E+00	1.46E+01	1.50E+00	3.56E+00	4.45E-01	3.07E+00	2.45E-01	4.19E+01	2.90E+00	1.04E+01	1.19E+00	6.15E+00	4.55E-01	0.00E+00	0.00E+00
1.05E+01	1.35E+00	1.30E+01	1.52E+00	3.08E+00	5.80E-01	1.98E+00	2.22E-01	3.86E+01	2.89E+00	7.85E+00	1.03E+00	4.30E+00	3.53E-01	0.00E+00	0.00E+00
8.28E+00	1.43E+00	1.09E+01	1.77E+00	2.42E+00	6.21E-01	1.53E+00	2.21E-01	3.36E+01	3.47E+00	6.31E+00	1.11E+00	2.71E+00	3.96E-01	0.00E+00	0.00E+00
7.38E+00	1.47E+00	9.10E+00	1.96E+00	3.10E+00	6.34E-01	1.36E+00	2.31E-01	2.82E+01	3.90E+00	5.78E+00	1.21E+00	2.29E+00	3.71E-01	0.00E+00	0.00E+00
6.77E+00	1.56E+00	9.55E+00	2.09E+00	3.40E+00	7.34E-01	1.07E+00	2.27E-01	2.55E+01	4.49E+00	5.89E+00	1.27E+00	1.69E+00	3.61E-01	0.00E+00	0.00E+00
7.71E+00	1.56E+00	1.04E+01	2.31E+00	3.36E+00	6.77E-01	1.04E+00	2.63E-01	2.59E+01	4.81E+00	6.46E+00	1.37E+00	1.76E+00	4.69E-01	0.00E+00	0.00E+00
9.17E+00	1.90E+00	1.19E+01	2.28E+00	4.24E+00	7.04E-01	1.36E+00	3.20E-01	2.78E+01	5.67E+00	7.27E+00	1.44E+00	2.03E+00	5.59E-01	0.00E+00	0.00E+00
1.16E+01	2.34E+00	1.56E+01	2.91E+00	5.22E+00	9.82E-01	1.60E+00	3.50E-01	3.22E+01	5.60E+00	9.54E+00	1.92E+00	2.39E+00	5.95E-01	0.00E+00	0.00E+00
1.29E+01	2.60E+00	1.81E+01	3.64E+00	5.59E+00	1.12E+00	1.66E+00	3.44E-01	3.98E+01	7.22E+00	1.10E+01	2.27E+00	2.49E+00	5.75E-01	0.00E+00	0.00E+00
1.29E+01	2.58E+00	1.86E+01	3.92E+00	5.34E+00	1.11E+00	1.60E+00	3.03E-01	4.42E+01	8.99E+00	1.13E+01	2.36E+00	2.54E+00	5.12E-01	0.00E+00	0.00E+00
6.03E+00	1.22E+00	5.24E+00	1.81E+00	1.64E+00	5.19E-01	1.20E+00	1.49E-01	1.16E+01	3.81E+00	3.74E+00	1.09E+00	2.29E+00	2.72E-01	0.00E+00	0.00E+00
6.58E+00	1.28E+00	5.13E+00	1.81E+00	1.58E+00	5.15E-01	1.31E+00	1.65E-01	1.20E+01	3.72E+00	4.01E+00	1.13E+00	2.46E+00	2.95E-01	0.00E+00	0.00E+00
7.13E+00	1.32E+00	5.51E+00	1.74E+00	1.75E+00	4.82E-01	1.42E+00	1.77E-01	1.33E+01	3.56E+00	4.27E+00	1.14E+00	2.63E+00	3.12E-01	0.00E+00	0.00E+00
7.36E+00	1.29E+00	5.75E+00	1.78E+00	1.88E+00	4.99E-01	1.47E+00	1.81E-01	1.35E+01	4.20E+00	4.32E+00	1.08E+00	2.67E+00	3.23E-01	0.00E+00	0.00E+00
7.95E+00	1.21E+00	6.44E+00	1.98E+00	2.09E+00	5.36E-01	1.54E+00	1.80E-01	1.54E+01	4.58E+00	4.73E+00	1.12E+00	2.86E+00	3.25E-01	0.00E+00	0.00E+00
8.81E+00	1.24E+00	6.74E+00	2.08E+00	2.23E+00	5.76E-01	1.73E+00	1.73E-01	1.61E+01	4.53E+00	5.14E+00	1.20E+00	3.14E+00	3.15E-01	0.00E+00	0.00E+00
8.95E+00	1.41E+00	6.57E+00	2.20E+00	2.02E+00	5.74E-01	1.77E+00	1.61E-01	1.42E+01	4.76E+00	5.12E+00	1.31E+00	3.15E+00	3.02E-01	0.00E+00	0.00E+00
7.85E+00	1.51E+00	7.07E+00	2.12E+00	2.56E+00	4.91E-01	1.56E+00	1.86E-01	1.69E+01	4.61E+00	4.38E+00	1.35E+00	2.72E+00	3.42E-01	0.00E+00	0.00E+00
5.65E+00	1.48E+00	8.63E+00	1.94E+00	2.80E+00	5.83E-01	1.13E+00	1.98E-01	2.17E+01	3.84E+00	4.16E+00	1.24E+00	1.92E+00	3.69E-01	0.00E+00	0.00E+00
5.69E+00	1.49E+00	1.05E+01	2.03E+00	3.56E+00	5.63E-01	8.77E-01	2.00E-01	2.58E+01	3.61E+00	5.17E+00	1.27E+00	2.07E+00	3.69E-01	0.00E+00	0.00E+00
7.01E+00	1.66E+00	1.16E+01	1.83E+00	4.15E+00	4.79E-01	1.11E+00	2.53E-01	2.53E+01	2.95E+00	6.32E+00	1.34E+00	2.25E+00	4.64E-01	0.00E+00	0.00E+00
7.91E+00	1.69E+00	1.25E+01	1.53E+00	4.26E+00	3.68E-01	1.21E+00	2.80E-01	2.76E+01	2.15E+00	7.06E+00	1.28E+00	2.27E+00	5.19E-01	0.00E+00	0.00E+00
8.45E+00	1.39E+00	1.25E+01	1.11E+00	3.69E+00	3.25E-01	1.04E+00	2.40E-01	2.50E+01	1.71E+00	7.45E+00	1.00E+00	1.91E+00	4.47E-01	0.00E+00	0.00E+00
9.22E+00	9.35E-01	1.01E+01	1.19E+00	2.45E+00	4.35E-01	1.31E+00	1.52E-01	1.96E+01	1.86E+00	7.48E+00	7.99E-01	2.57E+00	2.85E-01	0.00E+00	0.00E+00
6.08E+00	1.01E+00	9.69E+00	1.59E+00	2.87E+00	5.65E-01	1.10E+00	1.50E-01	2.65E+01	2.42E+00	5.33E+00	8.82E-01	2.48E+00	2.99E-01	0.00E+00	0.00E+00
5.84E+00	1.19E+00	1.08E+01	1.81E+00	2.64E+00	5.62E-01	1.07E+00	1.51E-01	3.60E+01	3.07E+00	6.04E+00	1.07E+00	2.49E+00	2.73E-01	0.00E+00	0.00E+00
1.96E+01	1.17E+00	9.34E+00	1.63E+00	2.06E+00	3.87E-01	3.79E+00	1.85E-01	3.07E+01	3.23E+00	1.24E+01	1.06E+00	7.40E+00	3.69E-01	0.00E+00	0.00E+00
1.50E+01	8.64E-01	9.73E+00	1.19E+00	2.57E+00	3.64E-01	2.72E+00	1.43E-01	2.50E+01	2.65E+00	9.67E+00	7.75E-01	5.38E+00	2.84E-01	0.00E+00	0.00E+00
6.93E+00	8.51E-01	9.09E+00	1.23E+00	3.11E+00	5.05E-01	1.35E+00	1.19E-01	2.29E+01	2.37E+00	4.90E+00	7.58E-01	2.59E+00	2.20E-01	0.00E+00	0.00E+00
1.22E+01	1.21E+00	1.24E+01	1.60E+00	3.43E+00	5.23E-01	2.38E+00	1.72E-01	3.34E+01	2.55E+00	7.45E+00	1.02E+00	4.47E+00	2.98E-01	0.00E+00	0.00E+00
1.80E+01	1.59E+00	1.37E+01	1.54E+00	3.31E+00	4.33E-01	3.53E+00	2.61E-01	3.92E+01	3.12E+00	1.15E+01	1.20E+00	6.91E+00	4.88E-01	0.00E+00	0.00E+00
1.43E+01	1.47E+00	1.29E+01	1.51E+00	3.09E+00	5.81E-01	2.75E+00	2.56E-01	3.92E+01	2.90E+00	9.76E+00	1.13E+00	5.72E+00	4.27E-01	0.00E+00	0.00E+00
1.05E+01	1.69E+00	1.12E+01	1.94E+00	2.55E+00	7.31E-01	1.94E+00	2.76E-01	3.47E+01	3.03E+00	6.88E+00	1.25E+00	3.53E+00	4.39E-01	0.00E+00	0.00E+00
9.02E+00	1.61E+00	9.33E+00	2.10E+00	3.18E+00	7.42E-01	1.65E+00	2.51E-01	3.05E+01	3.57E+00	6.19E+00	1.26E+00	2.86E+00	4.26E-01	0.00E+00	0.00E+00
6.94E+00	1.58E+00	9.00E+00	2.16E+00	3.51E+00	7.46E-01	1.38E+00	2.56E-01	2.42E+01	4.21E+00	5.75E+00	1.28E+00	2.33E+00	4.64E-01	0.00E+00	0.00E+00
7.63E+00	1.72E+00	9.79E+00	2.36E+00	3.25E+00	6.92E-01	1.29E+00	3.29E-01	2.56E+01	4.82E+00	6.23E+00	1.37E+00	2.17E+00	6.17E-01	0.00E+00	0.00E+00
8.37E+00	2.07E+00	1.17E+01	2.29E+00	4.10E+00	6.24E-01	1.22E+00	3.57E-01	2.68E+01	5.80E+00	7.18E+00	1.55E+00	1.79E+00	6.63E-01	0.00E+00	0.00E+00
1.13E+01	2.48E+00	1.52E+01	3.16E+00	5.26E+00	1.00E+00	1.57E+00	3.62E-01	3.20E+01	5.72E+00	9.27E+00	2.08E+00	2.33E+00	6.47E-01	0.00E+00	0.00E+00
1.29E+01	2.76E+00	1.84E+01	4.15E+00	5.85E+00	1.19E+00	1.67E+00	3.36E-01	4.00E+01	8.72E+00	1.11E+01	2.51E+00	2.49E+00	5.76E-01	0.00E+00	0.00E+00
1.32E+01	2.76E+00	1.98E+01	4.56E+00	5.84E+00	1.18E+00	1.71E+00	2.83E-01	4.71E+01	1.14E+01	1.17E+01	2.64E+00	2.68E+00	4.92E-01	0.00E+00	0.00E+00
1.23E+01	2.42E+00	1.90E+01	4.23E+00	5.72E+00	1.00E+00	1.84E+00	2.60E-01	4.86E+01	1.16E+01	1.12E+01	2.39E+00	2.74E+00	4.66E-01	0.00E+00	0.00E+00
4.47E+00	1.09E+00	5.90E+00	1.79E+00	1.93E+00	5.36E-01	8.93E-01	1.41E-01	1.37E+01	3.86E+00	3.28E+00	1.03E+00	1.77E+00	2.67E-01	0.00E+00	0.00E+00
5.23E+00	1.20E+00	6.12E+00	1.93E+00	2.00E+00	5.67E-01	1.04E+00	1.45E-01	1.36E+01	4.07E+00	3.44E+00	1.11E+00	2.05E+00	2.75E-01	0.00E+00	0.00E+00
6.13E+00	1.30E+00	5.95E+00	1.99E+00	1.89E+00	5.78E-01	1.23E+00	1.56E-01	1.27E+01	4.12E+00	3.88E+00	1.18E+00	2.36E+00	2.79E-01	0.00E+00	0.00E+00
7.00E+00	1.34E+00	5.36E+00	1.95E+00	1.65E+00	5.50E-01	1.40E+00	1.69E-01	1.28E+01	3.95E+00	4.33E+00	1.21E+00	2.65E+00	3.07E-01	0.00E+00	0.00E+00
7.56E+00	1.36E+00	5.86E+00	1.81E+00	1.81E+00	4.96E-01	1.51E+00	1.81E-01	1.38E+01	3.90E+00	4.57E+00	1.19E+00	2.81E+00	3.30E-01	0.00E+00	0.00E+00
8.02E+00	1.33E+00	6.36E+00	1.92E+00	2.08E+00	5.23E-01	1.60E+00	1.90E-01	1.47E+01	4.43E+00	4.72E+00	1.12E+00	2.91E+00	3.54E-01	0.00E+00	0.00E+00
8.18E+00	1.26E+00	6.93E+00	2.03E+00	2.22E+00	5.24E-01	1.59E+00	1.94E-01	1.67E+01	4.56E+00	4.89E+00	1.17E+00	2.96E+00	3.67E-01	0.00E+00	0.00E+00
9.21E+00	1.36E+00	6.80E+00	2.22E+00	2.10E+00	5.48E-01	1.82E+00	1.89E-01	1.64E+01	4.93E+00	5.36E+00	1.28E+00	3.29E+00	3.61E-01	0.00E+00	0.00E+00
9.19E+00	1.48E+00	6.77E+00	2.14E+00	2.18E+00	4.87E-01	1.83E+00	1.78E-01	1.59E+01	4.48E+00	5.19E+00	1.35E+00	3.21E+00	3.53E-01	0.00E+00	0.00E+00
7.41E+00	1.51E+00	7.12E+00	1.74E+00	2.94E+00	5.22E-01	1.48E+00	2.13E-01	1.72E+01	3.20E+00	4.07E+00	1.25E+00	2.54E+00	4.17E-01	0.00E+00	0.00E+00
5.29E+00	1.45E+00	9.21E+00	1.78E+00	3.74E+00	5.73E-01	1.06E+00	2.38E-01	1.87E+01	2.51E+00	4.71E+00	1.12E+00	2.34E+00	4.62E-01	0.00E+00	0.00E+00
6.22E+00	1.49E+00	1.09E+01	1.72E+00	4.18E+00	4.94E-01	1.24E+00	2.28E-01	2.25E+01	2.35E+00	5.71E+00	1.29E+00	2.46E+00	4.60E-01	0.00E+00	0.00E+00
6.41E+00	1.47E+00	1.09E+01	1.37E+00	3.74E+00	3.31E-01	1.19E+00	2.40E-01	2.43E+01	1.77E+00	5.97E+00	1.18E+00	2.16E+00	4.87E-01	0.00E+00	0.00E+00
5.82E+00	1.00E+00	9.18E+00	1.13E+00	2.35E+00	3.32E-01	6.10E-01	1.69E-01	2.01E+01	2.02E+00	5.55E+00	7.65E-01	1.34E+00	3.43E-01	0.00E+00	0.00E+00
4.47E+00	7.76E-01	7.15E+00	1.37E+00	2.11E+00	4.78E-01	5.20E-01	9.63E-02	1.84E+01	2.19E+00	4.15E+00	7.30E-01	1.43E+00	2.16E-01	0.00E+00	0.00E+00
4.42E+00	9.57E-01	7.49E+00	1.70E+00	2.11E+00	4.97E-01	5.55E-01	1.03E-01	2.60E+01	3.04E+00	4.13E+00	9.20E-01	1.15E+00	1.91E-01	0.00E+00	0.00E+00
1.05E+01	9.58E-01	7.56E+00	1.54E+00	2.11E+00	3.28E-01	2.02E+00	1.00E-01	2.62E+01	3.37E+00	7.02E+00	9.42E-01	4.18E+00	2.18E-01	0.00E+00	0.00E+00
8.12E+00	7.55E-01	6.89E+00	1.18E+00	2.44E+00	3.29E-01	1.37E+00	8.97E-02	2.16E+01	2.65E+00	5.22E+00	7.23E-01	2.75E+00	1.85E-01	0.00E+00	0.00E+00
6.72E+00	7.70E-01	7.71E+00	1.29E+00	2.59E+00	5.11E-01	1.30E+00	1.02E-01	2.03E+01	2.50E+00	4.32E+00	7.08E-01	2.55E+00	1.79E-01	0.00E+00	0.00E+00
8.38E+00	1.04E+00	1.09E+01	1.66E+00	2.98E+00	4.87E-01	1.64E+00	1.40E-01	3.14E+01	3.08E+00	6.23E+00	9.84E-01	3.45E+00	2.74E-01	0.00E+00	0.00E+00
1.39E+01	1.33E+00	1.18E+01	1.46E+00	2.70E+00	5.25E-01	2.69E+00	2.30E-01	3.61E+01	3.49E+00	9.79E+00	1.08E+00	5.74E+00	4.14E-01	0.00E+00	0.00E+00
1.12E+01	1.83E+00	1.04E+01	1.98E+00	2.89E+00	6.99E-01	2.06E+00	3.06E-01	3.39E+01	3.00E+00	7.38E+00	1.34E+00	3.93E+00	5.16E-01	0.00E+00	0.00E+00
9.73E+00	1.79E+00	9.03E+00	2.22E+00	2.92E+00	7.81E-01	1.75E+00	2.77E-01	2.99E+01	3.48E+00	6.84E+00	1.39E+00	3.23E+00	4.57E-01	0.00E+00	0.00E+00
6.95E+00	1.61E+00	8.01E+00	2.14E+00	3.61E+00	7.35E-01	1.24E+00	3.20E-01	2.50E+01	3.21E+00	5.10E+00	1.25E+00	2.10E+00	5.93E-01	0.00E+00	0.00E+00
7.52E+00	2.18E+00	8.42E+00	1.95E+00	3.25E+00	5.87E-01	1.50E+00	4.21E-01	2.28E+01	3.99E+00	5.35E+00	1.48E+00	2.52E+00	8.20E-01	0.00E+00	0.00E+00
8.00E+00	2.22E+00	1.08E+01	2.01E+00	3.62E+00	4.97E-01	1.17E+00	3.90E-01	2.48E+01	4.97E+00	6.72E+00	1.66E+00	1.97E+00	7.76E-01	0.00E+00	0.00E+00
9.55E+00	2.28E+00	1.34E+01	2.89E+00	5.09E+00	7.84E-01	1.34E+00	3.29E-01	3.07E+01	5.14E+00	7.94E+00	1.92E+00	2.00E+00	6.33E-01	0.00E+00	0.00E+00
1.18E+01	2.52E+00	1.74E+01	4.01E+00	5.74E+00	9.90E-01	1.51E+00	2.75E-01	3.80E+01	8.92E+00	1.03E+01	2.36E+00	2.50E+00	4.97E-01	0.00E+00	0.00E+00
1.22E+01	2.54E+00	1.89E+01	4.49E+00	5.64E+00	9.80E-01	1.80E+00	2.27E-01	4.57E+01	1.24E+01	1.11E+01	2.54E+00	2.73E+00	4.41E-01	0.00E+00	0.00E+00
1.23E+01	2.27E+00	1.85E+01	4.20E+00	6.03E+00	8.29E-01	1.95E+00	2.26E-01	4.78E+01	1.29E+01	1.07E+01	2.34E+00	3.03E+00	4.14E-01	0.00E+00	0.00E+00
1.31E+01	1.80E+00	1.69E+01	3.40E+00	6.28E+00	6.17E-01	1.93E+00	2.33E-01	4.58E+01	1.11E+01	1.05E+01	1.88E+00	3.22E+00	4.36E-01	0.00E+00	0.00E+00
4.50E+00	1.03E+00	6.37E+00	1.63E+00	1.95E+00	4.82E-01	8.98E-01	1.33E-01	1.45E+01	3.69E+00	3.41E+00	9.32E-01	1.69E+00	2.48E-01	0.00E+00	0.00E+00
4.56E+00	1.06E+00	6.22E+00	1.78E+00	1.99E+00	5.29E-01	9.10E-01	1.41E-01	1.44E+01	3.91E+00	3.38E+00	9.66E-01	1.67E+00	2.67E-01	0.00E+00	0.00E+00
4.55E+00	1.10E+00	6.55E+00	1.89E+00	2.15E+00	5.57E-01	9.09E-01	1.46E-01	1.51E+01	4.09E+00	3.49E+00	1.03E+00	1.63E+00	2.83E-01	0.00E+00	0.00E+00
4.46E+00	1.21E+00	6.74E+00	2.02E+00	2.23E+00	5.90E-01	8.91E-01	1.49E-01	1.49E+01	4.24E+00	3.69E+00	1.13E+00	1.81E+00	2.92E-01	0.00E+00	0.00E+00
5.40E+00	1.29E+00	6.45E+00	2.06E+00	2.09E+00	6.01E-01	1.08E+00	1.53E-01	1.34E+01	4.15E+00	3.70E+00	1.20E+00	2.14E+00	2.97E-01	0.00E+00	0.00E+00
6.47E+00	1.33E+00	5.57E+00	1.99E+00	1.68E+00	5.65E-01	1.29E+00	1.66E-01	1.28E+01	3.82E+00	4.11E+00	1.22E+00	2.51E+00	3.08E-01	0.00E+00	0.00E+00
7.45E+00	1.34E+00	5.81E+00	1.80E+00	1.83E+00	4.80E-01	1.49E+00	1.79E-01	1.31E+01	3.90E+00	4.57E+00	1.19E+00	2.81E+00	3.48E-01	0.00E+00	0.00E+00
8.32E+00	1.31E+00	6.64E+00	1.89E+00	2.12E+00	5.03E-01	1.66E+00	1.94E-01	1.43E+01	4.01E+00	4.91E+00	1.12E+00	3.03E+00	3.89E-01	0.00E+00	0.00E+00
8.33E+00	1.23E+00	6.65E+00	1.96E+00	2.14E+00	5.17E-01	1.66E+00	1.99E-01	1.48E+01	3.90E+00	4.73E+00	1.08E+00	2.94E+00	4.02E-01	0.00E+00	0.00E+00
8.94E+00	1.29E+00	6.13E+00	1.93E+00	1.98E+00	4.57E-01	1.77E+00	1.93E-01	1.38E+01	3.54E+00	5.17E+00	1.19E+00	3.18E+00	3.86E-01	0.00E+00	0.00E+00
8.24E+00	1.36E+00	6.41E+00	1.62E+00	2.73E+00	5.49E-01	1.64E+00	1.87E-01	1.52E+01	2.88E+00	4.56E+00	1.20E+00	2.84E+00	4.11E-01	0.00E+00	0.00E+00
5.12E+00	1.31E+00	7.70E+00	1.73E+00	3.21E+00	5.87E-01	1.02E+00	2.08E-01	1.52E+01	2.37E+00	3.75E+00	1.06E+00	2.22E+00	4.50E-01	0.00E+00	0.00E+00
5.13E+00	1.01E+00	8.30E+00	1.52E+00	2.90E+00	4.22E-01	1.03E+00	1.67E-01	1.92E+01	2.26E+00	4.21E+00	1.07E+00	2.02E+00	3.54E-01	0.00E+00	0.00E+00
3.52E+00	7.63E-01	7.10E+00	1.01E+00	1.97E+00	2.68E-01	5.62E-01	1.06E-01	1.79E+01	2.00E+00	3.53E+00	7.68E-01	1.15E+00	2.85E-01	0.00E+00	0.00E+00
3.64E+00	5.69E-01	6.20E+00	9.98E-01	1.90E+00	3.49E-01	5.72E-01	7.39E-02	1.57E+01	2.02E+00	3.77E+00	5.86E-01	1.14E+00	1.70E-01	0.00E+00	0.00E+00
3.65E+00	7.19E-01	6.56E+00	1.38E+00	1.79E+00	3.84E-01	6.50E-01	6.86E-02	1.58E+01	2.59E+00	3.59E+00	6.95E-01	1.26E+00	1.29E-01	0.00E+00	0.00E+00
3.85E+00	7.26E-01	5.91E+00	1.27E+00	2.17E+00	2.74E-01	7.38E-01	6.22E-02	1.77E+01	3.08E+00	3.54E+00	7.46E-01	1.64E+00	1.48E-01	0.00E+00	0.00E+00
4.23E+00	6.10E-01	6.82E+00	1.04E+00	2.18E+00	3.09E-01	7.77E-01	6.57E-02	1.62E+01	2.35E+00	4.31E+00	5.97E-01	1.51E+00	1.25E-01	0.00E+00	0.00E+00

Scenario 4 Results

4.43E+00	7.01E-01	6.87E+00	1.22E+00	2.98E+00	4.38E-01	8.10E-01	8.68E-02	1.69E+01	2.33E+00	4.30E+00	6.62E-01	1.57E+00	1.59E-01	0.00E+00	0.00E+00
5.68E+00	8.31E-01	9.80E+00	1.48E+00	3.19E+00	5.03E-01	1.08E+00	1.30E-01	2.45E+01	3.25E+00	6.04E+00	8.26E-01	2.67E+00	2.29E-01	0.00E+00	0.00E+00
8.25E+00	1.47E+00	9.43E+00	1.72E+00	2.90E+00	6.16E-01	1.48E+00	2.41E-01	3.25E+01	3.27E+00	5.61E+00	1.16E+00	2.96E+00	4.39E-01	0.00E+00	0.00E+00
7.63E+00	1.67E+00	8.36E+00	2.20E+00	2.86E+00	7.21E-01	1.29E+00	2.49E-01	2.60E+01	3.93E+00	5.77E+00	1.36E+00	2.67E+00	4.39E-01	0.00E+00	0.00E+00
5.80E+00	1.47E+00	8.54E+00	2.15E+00	3.66E+00	7.18E-01	9.57E-01	2.72E-01	3.14E+01	3.25E+00	4.92E+00	1.25E+00	1.62E+00	5.51E-01	0.00E+00	0.00E+00
5.47E+00	2.08E+00	9.61E+00	2.03E+00	3.71E+00	6.11E-01	9.82E-01	3.97E-01	2.74E+01	4.47E+00	5.21E+00	1.52E+00	1.72E+00	8.31E-01	0.00E+00	0.00E+00
6.53E+00	2.01E+00	8.38E+00	1.87E+00	3.33E+00	4.72E-01	9.64E-01	3.41E-01	2.78E+01	4.66E+00	5.35E+00	1.60E+00	1.70E+00	7.22E-01	0.00E+00	0.00E+00
7.46E+00	1.88E+00	1.06E+01	2.54E+00	4.28E+00	5.94E-01	1.21E+00	2.53E-01	2.59E+01	4.24E+00	6.47E+00	1.65E+00	2.37E+00	5.18E-01	0.00E+00	0.00E+00
8.83E+00	1.89E+00	1.42E+01	3.17E+00	5.10E+00	6.26E-01	1.41E+00	2.03E-01	3.23E+01	7.59E+00	7.99E+00	1.82E+00	2.91E+00	3.95E-01	0.00E+00	0.00E+00
1.01E+01	1.94E+00	1.66E+01	3.59E+00	5.16E+00	5.96E-01	1.68E+00	2.11E-01	4.12E+01	1.09E+01	9.33E+00	1.99E+00	3.24E+00	3.91E-01	0.00E+00	0.00E+00
1.20E+01	1.80E+00	1.63E+01	3.32E+00	5.74E+00	5.38E-01	1.87E+00	2.25E-01	4.40E+01	1.14E+01	9.33E+00	1.84E+00	3.56E+00	4.03E-01	0.00E+00	0.00E+00
1.25E+01	1.85E+00	1.61E+01	2.59E+00	5.87E+00	5.04E-01	1.84E+00	2.40E-01	4.10E+01	9.44E+00	1.01E+01	1.58E+00	3.53E+00	4.21E-01	0.00E+00	0.00E+00
1.24E+01	1.82E+00	1.67E+01	2.29E+00	5.61E+00	4.96E-01	1.71E+00	2.44E-01	3.58E+01	6.98E+00	1.03E+01	1.50E+00	3.30E+00	4.28E-01	0.00E+00	0.00E+00
3.64E+00	9.88E-01	5.54E+00	1.55E+00	1.68E+00	4.53E-01	5.80E-01	1.47E-01	1.23E+01	3.23E+00	3.15E+00	9.11E-01	1.42E+00	2.65E-01	0.00E+00	0.00E+00
3.62E+00	1.00E+00	5.55E+00	1.57E+00	1.62E+00	4.51E-01	5.86E-01	1.51E-01	1.36E+01	3.13E+00	3.07E+00	9.41E-01	1.29E+00	2.76E-01	0.00E+00	0.00E+00
3.51E+00	1.02E+00	5.95E+00	1.54E+00	1.73E+00	4.36E-01	6.80E-01	1.51E-01	1.39E+01	3.43E+00	3.03E+00	9.54E-01	1.35E+00	2.80E-01	0.00E+00	0.00E+00
3.79E+00	1.03E+00	6.16E+00	1.65E+00	2.05E+00	4.86E-01	7.57E-01	1.47E-01	1.47E+01	3.65E+00	3.13E+00	9.47E-01	1.45E+00	2.76E-01	0.00E+00	0.00E+00
3.92E+00	1.03E+00	6.76E+00	1.85E+00	2.25E+00	5.48E-01	7.82E-01	1.44E-01	1.53E+01	3.90E+00	3.46E+00	9.73E-01	1.44E+00	2.76E-01	0.00E+00	0.00E+00
3.80E+00	1.13E+00	6.96E+00	2.00E+00	2.31E+00	5.87E-01	7.59E-01	1.39E-01	1.50E+01	4.00E+00	3.65E+00	1.07E+00	1.36E+00	2.91E-01	0.00E+00	0.00E+00
3.75E+00	1.21E+00	6.52E+00	2.03E+00	2.15E+00	5.90E-01	7.41E-01	1.45E-01	1.28E+01	3.79E+00	3.59E+00	1.14E+00	1.58E+00	3.04E-01	0.00E+00	0.00E+00
4.88E+00	1.23E+00	5.87E+00	1.92E+00	1.80E+00	5.38E-01	9.75E-01	1.52E-01	1.35E+01	3.24E+00	3.29E+00	1.15E+00	1.99E+00	3.20E-01	0.00E+00	0.00E+00
6.25E+00	1.22E+00	6.07E+00	1.66E+00	1.82E+00	4.44E-01	1.25E+00	1.64E-01	1.35E+01	3.24E+00	3.97E+00	1.12E+00	2.42E+00	3.52E-01	0.00E+00	0.00E+00
7.38E+00	1.16E+00	6.61E+00	1.71E+00	1.79E+00	4.02E-01	1.47E+00	1.70E-01	1.48E+01	3.42E+00	4.41E+00	1.05E+00	2.72E+00	3.87E-01	0.00E+00	0.00E+00
7.47E+00	1.05E+00	6.06E+00	1.79E+00	1.70E+00	3.73E-01	1.49E+00	1.70E-01	1.50E+01	3.83E+00	4.21E+00	1.00E+00	2.62E+00	3.85E-01	0.00E+00	0.00E+00
6.64E+00	9.30E-01	7.09E+00	1.52E+00	2.85E+00	5.29E-01	1.32E+00	1.50E-01	1.84E+01	3.45E+00	3.82E+00	1.02E+00	2.34E+00	3.23E-01	0.00E+00	0.00E+00
5.15E+00	7.69E-01	6.17E+00	1.59E+00	2.13E+00	4.97E-01	1.03E+00	1.08E-01	1.69E+01	2.46E+00	3.92E+00	8.15E-01	1.73E+00	2.55E-01	0.00E+00	0.00E+00
3.18E+00	5.70E-01	5.21E+00	1.06E+00	1.54E+00	1.94E-01	5.80E-01	6.81E-02	1.26E+01	2.00E+00	3.02E+00	7.16E-01	1.21E+00	1.96E-01	0.00E+00	0.00E+00
3.52E+00	3.58E-01	5.56E+00	7.22E-01	1.38E+00	2.02E-01	6.55E-01	4.23E-02	1.35E+01	1.66E+00	2.97E+00	4.16E-01	1.27E+00	1.55E-01	0.00E+00	0.00E+00
4.04E+00	4.30E-01	5.11E+00	8.81E-01	1.71E+00	2.56E-01	7.54E-01	4.86E-02	1.31E+01	1.67E+00	2.84E+00	4.23E-01	1.46E+00	8.81E-02	0.00E+00	0.00E+00
4.56E+00	4.49E-01	5.43E+00	8.72E-01	1.80E+00	2.23E-01	8.51E-01	5.88E-02	1.18E+01	2.19E+00	3.04E+00	4.94E-01	1.65E+00	1.04E-01	0.00E+00	0.00E+00
4.96E+00	4.09E-01	5.28E+00	7.42E-01	2.05E+00	2.42E-01	9.27E-01	7.03E-02	1.43E+01	1.95E+00	3.30E+00	4.17E-01	1.80E+00	1.29E-01	0.00E+00	0.00E+00
5.14E+00	5.01E-01	7.72E+00	9.21E-01	2.81E+00	3.24E-01	9.63E-01	7.79E-02	1.81E+01	2.04E+00	4.57E+00	5.48E-01	1.87E+00	1.49E-01	0.00E+00	0.00E+00
5.13E+00	8.51E-01	1.04E+01	1.23E+00	3.21E+00	4.77E-01	9.60E-01	1.36E-01	3.63E+01	2.58E+00	6.06E+00	7.52E-01	1.87E+00	2.71E-01	0.00E+00	0.00E+00
5.78E+00	1.16E+00	9.26E+00	1.84E+00	3.49E+00	5.79E-01	1.10E+00	1.66E-01	3.55E+01	4.31E+00	5.13E+00	1.09E+00	1.87E+00	3.26E-01	0.00E+00	0.00E+00
5.61E+00	1.12E+00	9.26E+00	1.96E+00	3.94E+00	7.34E-01	8.89E-01	1.54E-01	3.67E+01	3.91E+00	5.53E+00	1.11E+00	1.74E+00	3.45E-01	0.00E+00	0.00E+00
5.20E+00	1.26E+00	9.93E+00	2.32E+00	4.46E+00	6.31E-01	8.40E-01	1.50E-01	3.40E+01	6.10E+00	5.56E+00	1.34E+00	1.65E+00	4.53E-01	0.00E+00	0.00E+00
5.40E+00	1.10E+00	9.47E+00	2.04E+00	3.62E+00	4.72E-01	1.05E+00	1.56E-01	3.58E+01	6.19E+00	4.91E+00	1.17E+00	2.04E+00	3.76E-01	0.00E+00	0.00E+00
6.61E+00	1.28E+00	1.00E+01	2.33E+00	3.50E+00	4.17E-01	1.29E+00	1.75E-01	3.31E+01	5.45E+00	5.34E+00	1.33E+00	2.49E+00	3.79E-01	0.00E+00	0.00E+00
8.24E+00	1.33E+00	9.43E+00	2.46E+00	3.86E+00	4.31E-01	1.58E+00	1.88E-01	2.82E+01	7.40E+00	5.28E+00	1.35E+00	3.05E+00	3.84E-01	0.00E+00	0.00E+00
9.17E+00	1.42E+00	1.13E+01	2.25E+00	4.44E+00	4.89E-01	1.72E+00	2.16E-01	2.88E+01	7.84E+00	6.35E+00	1.24E+00	3.47E+00	4.10E-01	0.00E+00	0.00E+00
9.69E+00	1.67E+00	1.27E+01	1.97E+00	4.97E+00	5.02E-01	1.72E+00	2.55E-01	3.36E+01	7.30E+00	7.84E+00	1.34E+00	3.59E+00	4.78E-01	0.00E+00	0.00E+00
1.06E+01	1.82E+00	1.41E+01	2.12E+00	4.85E+00	4.72E-01	1.52E+00	2.76E-01	3.28E+01	5.72E+00	8.74E+00	1.43E+00	3.29E+00	5.13E-01	0.00E+00	0.00E+00
1.04E+01	1.80E+00	1.40E+01	2.09E+00	4.50E+00	4.64E-01	1.42E+00	2.70E-01	3.59E+01	5.54E+00	8.71E+00	1.45E+00	2.82E+00	5.02E-01	0.00E+00	0.00E+00
9.70E+00	1.74E+00	1.40E+01	1.98E+00	4.30E+00	4.58E-01	1.37E+00	2.58E-01	3.72E+01	5.34E+00	8.18E+00	1.44E+00	2.75E+00	4.80E-01	0.00E+00	0.00E+00
3.76E+00	1.05E+00	6.13E+00	1.46E+00	2.04E+00	4.35E-01	6.35E-01	1.41E-01	1.34E+01	3.35E+00	3.45E+00	9.04E-01	1.57E+00	2.53E-01	0.00E+00	0.00E+00
3.89E+00	1.06E+00	6.15E+00	1.53E+00	2.03E+00	4.56E-01	6.54E-01	1.48E-01	1.30E+01	3.40E+00	3.53E+00	9.09E-01	1.52E+00	2.70E-01	0.00E+00	0.00E+00
3.88E+00	1.05E+00	5.92E+00	1.55E+00	1.98E+00	4.52E-01	6.53E-01	1.50E-01	1.23E+01	3.32E+00	3.48E+00	8.86E-01	1.45E+00	2.80E-01	0.00E+00	0.00E+00
3.83E+00	1.02E+00	5.53E+00	1.53E+00	1.84E+00	4.34E-01	6.22E-01	1.51E-01	1.21E+01	3.15E+00	3.37E+00	8.81E-01	1.33E+00	2.87E-01	0.00E+00	0.00E+00
3.66E+00	9.90E-01	5.34E+00	1.48E+00	1.75E+00	4.04E-01	5.69E-01	1.51E-01	1.19E+01	2.88E+00	3.17E+00	8.75E-01	1.18E+00	2.95E-01	0.00E+00	0.00E+00
3.60E+00	9.69E-01	5.60E+00	1.46E+00	1.80E+00	4.24E-01	5.10E-01	1.50E-01	1.34E+01	3.15E+00	3.20E+00	8.62E-01	1.03E+00	3.01E-01	0.00E+00	0.00E+00
3.62E+00	9.66E-01	6.39E+00	1.67E+00	2.16E+00	4.93E-01	5.22E-01	1.55E-01	1.39E+01	3.31E+00	3.15E+00	8.52E-01	1.04E+00	3.06E-01	0.00E+00	0.00E+00
3.54E+00	9.93E-01	6.79E+00	1.84E+00	2.33E+00	5.45E-01	5.30E-01	1.54E-01	1.34E+01	3.31E+00	3.35E+00	9.33E-01	1.07E+00	3.08E-01	0.00E+00	0.00E+00
3.58E+00	1.08E+00	6.48E+00	1.94E+00	1.99E+00	5.28E-01	5.31E-01	1.48E-01	1.38E+01	3.43E+00	3.41E+00	1.04E+00	1.09E+00	2.98E-01	0.00E+00	0.00E+00
3.72E+00	1.07E+00	6.62E+00	1.82E+00	1.74E+00	4.22E-01	5.12E-01	1.39E-01	1.57E+01	3.29E+00	3.59E+00	1.07E+00	1.14E+00	2.95E-01	0.00E+00	0.00E+00
3.98E+00	9.62E-01	6.84E+00	1.68E+00	1.62E+00	3.72E-01	6.55E-01	1.18E-01	1.77E+01	4.09E+00	3.92E+00	1.01E+00	1.38E+00	2.88E-01	0.00E+00	0.00E+00
4.04E+00	8.43E-01	6.59E+00	1.75E+00	1.66E+00	3.66E-01	8.07E-01	9.88E-02	1.84E+01	4.53E+00	3.70E+00	8.78E-01	1.54E+00	2.95E-01	0.00E+00	0.00E+00
4.42E+00	7.28E-01	8.09E+00	1.50E+00	1.83E+00	3.59E-01	8.84E-01	9.45E-02	2.24E+01	4.21E+00	4.23E+00	8.75E-01	1.54E+00	2.71E-01	0.00E+00	0.00E+00
3.37E+00	5.69E-01	6.37E+00	1.21E+00	1.69E+00	3.09E-01	6.25E-01	6.92E-02	1.98E+01	2.42E+00	3.97E+00	5.74E-01	1.23E+00	1.72E-01	0.00E+00	0.00E+00
3.98E+00	2.96E-01	4.10E+00	6.07E-01	1.36E+00	1.50E-01	7.37E-01	4.53E-02	1.01E+01	1.58E+00	2.69E+00	4.41E-01	1.44E+00	1.09E-01	0.00E+00	0.00E+00
4.65E+00	2.87E-01	3.90E+00	5.81E-01	1.66E+00	2.26E-01	8.63E-01	5.33E-02	8.97E+00	1.05E+00	3.13E+00	2.47E-01	1.68E+00	9.75E-02	0.00E+00	0.00E+00
5.32E+00	3.64E-01	4.76E+00	6.21E-01	1.62E+00	2.00E-01	9.89E-01	6.60E-02	1.07E+01	1.50E+00	3.57E+00	2.99E-01	1.92E+00	1.14E-01	0.00E+00	0.00E+00
5.82E+00	4.48E-01	4.57E+00	5.81E-01	2.12E+00	2.23E-01	1.08E+00	7.63E-02	1.28E+01	1.43E+00	3.89E+00	3.30E-01	2.11E+00	1.36E-01	0.00E+00	0.00E+00
6.04E+00	5.03E-01	7.85E+00	7.92E-01	2.63E+00	4.66E-01	1.13E+00	8.22E-02	2.49E+01	2.06E+00	4.39E+00	4.58E-01	2.19E+00	1.53E-01	0.00E+00	0.00E+00
5.96E+00	7.62E-01	1.01E+01	1.50E+00	4.68E+00	6.46E-01	1.11E+00	9.96E-02	4.74E+01	4.38E+00	5.92E+00	8.04E-01	2.17E+00	2.03E-01	0.00E+00	0.00E+00
5.69E+00	8.50E-01	1.01E+01	1.72E+00	4.68E+00	7.06E-01	1.06E+00	9.78E-02	4.04E+01	5.35E+00	5.59E+00	9.66E-01	2.08E+00	2.44E-01	0.00E+00	0.00E+00
6.19E+00	1.28E+00	1.27E+01	2.61E+00	3.19E+00	4.53E-01	1.00E+00	9.64E-02	4.72E+01	9.03E+00	7.07E+00	1.49E+00	1.96E+00	2.30E-01	0.00E+00	0.00E+00
5.38E+00	1.17E+00	1.10E+01	2.36E+00	3.14E+00	3.00E-01	1.03E+00	9.97E-02	4.50E+01	9.10E+00	6.16E+00	1.35E+00	1.94E+00	2.66E-01	0.00E+00	0.00E+00
6.65E+00	1.25E+00	1.05E+01	2.59E+00	3.24E+00	3.65E-01	1.27E+00	1.30E-01	4.42E+01	9.51E+00	5.83E+00	1.41E+00	2.53E+00	2.81E-01	0.00E+00	0.00E+00
7.06E+00	1.10E+00	9.09E+00	2.24E+00	3.85E+00	3.90E-01	1.30E+00	1.57E-01	3.27E+01	9.08E+00	4.84E+00	1.24E+00	2.74E+00	3.38E-01	0.00E+00	0.00E+00
7.00E+00	1.09E+00	1.07E+01	1.49E+00	4.21E+00	3.74E-01	1.30E+00	1.67E-01	2.69E+01	5.97E+00	5.62E+00	9.95E-01	2.74E+00	3.67E-01	0.00E+00	0.00E+00
7.63E+00	1.16E+00	1.24E+01	1.51E+00	4.44E+00	3.74E-01	1.38E+00	1.83E-01	2.97E+01	3.99E+00	6.63E+00	1.01E+00	2.78E+00	4.02E-01	0.00E+00	0.00E+00
8.01E+00	1.34E+00	1.37E+01	1.70E+00	4.50E+00	3.81E-01	1.41E+00	2.02E-01	3.57E+01	4.58E+00	7.47E+00	1.20E+00	2.91E+00	4.32E-01	0.00E+00	0.00E+00
8.19E+00	1.46E+00	1.44E+01	1.83E+00	4.34E+00	5.04E-01	1.31E+00	2.05E-01	3.96E+01	5.09E+00	7.95E+00	1.35E+00	2.75E+00	4.24E-01	0.00E+00	0.00E+00
8.32E+00	1.48E+00	1.45E+01	2.07E+00	4.07E+00	5.84E-01	1.16E+00	1.93E-01	4.17E+01	5.34E+00	8.13E+00	1.40E+00	2.48E+00	3.84E-01	0.00E+00	0.00E+00
8.15E+00	1.44E+00	1.40E+01	2.19E+00	3.76E+00	6.15E-01	1.03E+00	1.73E-01	4.10E+01	5.14E+00	7.94E+00	1.39E+00	2.23E+00	3.32E-01	0.00E+00	0.00E+00
3.38E+00	9.97E-01	6.04E+00	1.49E+00	1.94E+00	4.25E-01	5.54E-01	1.65E-01	1.47E+01	2.77E+00	3.19E+00	8.52E-01	1.51E+00	3.03E-01	0.00E+00	0.00E+00
3.55E+00	9.97E-01	6.48E+00	1.52E+00	2.08E+00	4.32E-01	5.95E-01	1.68E-01	1.55E+01	2.97E+00	3.42E+00	8.77E-01	1.51E+00	3.10E-01	0.00E+00	0.00E+00
3.77E+00	9.82E-01	6.81E+00	1.51E+00	2.24E+00	4.28E-01	6.28E-01	1.66E-01	1.57E+01	3.13E+00	3.61E+00	8.84E-01	1.49E+00	3.09E-01	0.00E+00	0.00E+00
3.87E+00	9.73E-01	6.91E+00	1.47E+00	2.32E+00	4.13E-01	6.43E-01	1.60E-01	1.51E+01	3.13E+00	3.68E+00	8.74E-01	1.45E+00	3.00E-01	0.00E+00	0.00E+00
3.85E+00	9.50E-01	6.78E+00	1.39E+00	2.27E+00	3.81E-01	6.46E-01	1.52E-01	1.42E+01	3.03E+00	3.65E+00	8.47E-01	1.39E+00	2.89E-01	0.00E+00	0.00E+00
3.73E+00	9.63E-01	6.44E+00	1.35E+00	2.21E+00	3.71E-01	6.42E-01	1.49E-01	1.36E+01	2.85E+00	3.53E+00	8.49E-01	1.33E+00	2.89E-01	0.00E+00	0.00E+00
3.57E+00	9.68E-01	6.16E+00	1.35E+00	2.06E+00	3.73E-01	6.23E-01	1.52E-01	1.31E+01	2.59E+00	3.37E+00	8.50E-01	1.25E+00	2.93E-01	0.00E+00	0.00E+00
3.63E+00	9.53E-01	6.06E+00	1.34E+00	1.81E+00	3.52E-01	5.80E-01	1.51E-01	1.20E+01	2.39E+00	3.41E+00	8.32E-01	1.13E+00	2.99E-01	0.00E+00	0.00E+00
3.53E+00	9.20E-01	5.83E+00	1.46E+00	1.66E+00	3.78E-01	5.15E-01	1.48E-01	1.40E+01	3.02E+00	3.38E+00	8.01E-01	9.89E-01	3.08E-01	0.00E+00	0.00E+00
3.52E+00	8.60E-01	6.73E+00	1.73E+00	1.63E+00	4.15E-01	4.86E-01	1.37E-01	1.71E+01	3.68E+00	3.29E+00	8.32E-01	9.96E-01	2.98E-01	0.00E+00	0.00E+00
3.41E+00	9.42E-01	6.84E+00	1.91E+00	1.69E+00	4.48E-01	4.81E-01	1.16E-01	1.83E+01	4.09E+00	3.43E+00	9.42E-01	1.01E+00	2.65E-01	0.00E+00	0.00E+00
3.96E+00	8.78E-01	8.03E+00	1.77E+00	2.01E+00	4.11E-01	5.21E-01	9.51E-02	2.12E+01	4.49E+00	4.10E+00	9.38E-01	1.11E+00	2.20E-01	0.00E+00	0.00E+00
3.80E+00	8.91E-01	7.83E+00	1.85E+00	1.71E+00	3.61E-01	5.70E-01	7.63E-02	2.54E+01	5.53E+00	4.19E+00	9.41E-01	1.18E+00	1.86E-01	0.00E+00	0.00E+00
4.52E+00	7.81E-01	9.36E+00	1.61E+00	1.81E+00	3.13E-01	6.82E-01	4.21E-02	3.02E+01	5.73E+00	4.81E+00	8.63E-01	1.33E+00	1.62E-01	0.00E+00	0.00E+00
4.41E+00	3.89E-01	6.09E+00	8.19E-01	9.21E-01	1.20E-01	8.14E-01	4.88E-02	2.44E+01	2.43E+00	3.72E+00	3.92E-01	1.59E+00	9.15E-02	0.00E+00	0.00E+00
5.20E+00	3.07E-01	3.58E+00	3.44E-01	9.76E-01	9.51E-02	9.61E-01	5.68E-02	9.03E+00	1.01E+00	3.53E+00	2.13E-01	1.88E+00	1.06E-01	0.00E+00	0.00E+00
6.01E+00	3.77E-01	4.07E+00	4.19E-01	1.08E+00	1.13E-01	1.11E+00	6.86E-02	9.83E+00	1.36E+00	4.06E+00	2.63E-01	2.17E+00	1.23E-01	0.00E+00	0.00E+00
6.60E+00	4.73E-01	4.47E+00	5.11E-01	2.03E+00	2.65E-01	1.22E+00	7.97E-02	1.18E+01	1.32E+00	4.45E+00	3.39E-01	2.39E+00	1.40E-01	0.00E+00	0.00E+00
6.85E+00	5.41E-01	1.08E+01	1.07E+00	6.04E+00	8.12E-01	1.27E+00	8.96E-02	5.16E+01	3.33E+00	6.31E+00	4.76E-01	2.49E+00	1.58E-01	0.00E+00	0.00E+00
6.73E+00	9.04E-01	1.28E+01	1.82E+00	4.87E+00	7.28E-01	1.25E+00	9.43E-02	6.17E+01	8.80E+00	7.52E+00	1.07E+00	2.45E+00	1.74E-01	0.00E+00	0.00E+00

Scenario 4 Results

8.25E+00	1.74E+00	1.67E+01	3.53E+00	3.48E+00	3.17E-01	1.18E+00	8.77E-02	7.68E+01	1.50E+01	9.57E+00	2.03E+00	2.32E+00	1.60E-01	0.00E+00	0.00E+00
7.67E+00	1.57E+00	1.55E+01	3.20E+00	1.95E+00	2.85E-01	1.10E+00	7.85E-02	7.35E+01	1.36E+01	9.02E+00	1.78E+00	2.16E+00	1.56E-01	0.00E+00	0.00E+00
6.26E+00	1.78E+00	1.25E+01	3.59E+00	2.70E+00	2.81E-01	1.19E+00	8.54E-02	6.04E+01	1.68E+01	7.36E+00	2.07E+00	2.33E+00	1.98E-01	0.00E+00	0.00E+00
5.95E+00	9.95E-01	9.42E+00	2.01E+00	3.34E+00	3.03E-01	1.13E+00	9.54E-02	4.32E+01	9.58E+00	5.34E+00	1.17E+00	2.24E+00	2.10E-01	0.00E+00	0.00E+00
5.58E+00	7.82E-01	1.00E+01	1.59E+00	3.72E+00	2.99E-01	9.39E-01	1.11E-01	3.46E+01	5.57E+00	5.23E+00	9.29E-01	1.89E+00	2.25E-01	0.00E+00	0.00E+00
6.43E+00	7.88E-01	1.14E+01	1.41E+00	3.81E+00	3.06E-01	8.38E-01	1.17E-01	3.01E+01	4.67E+00	6.12E+00	8.27E-01	1.92E+00	2.28E-01	0.00E+00	0.00E+00
7.18E+00	8.06E-01	1.26E+01	1.45E+00	3.77E+00	3.69E-01	8.17E-01	1.20E-01	3.57E+01	4.27E+00	6.90E+00	9.19E-01	1.91E+00	2.34E-01	0.00E+00	0.00E+00
7.62E+00	1.02E+00	1.35E+01	1.94E+00	4.39E+00	5.02E-01	1.10E+00	1.33E-01	4.00E+01	4.63E+00	7.45E+00	1.13E+00	1.84E+00	2.74E-01	0.00E+00	0.00E+00
7.70E+00	1.21E+00	1.36E+01	2.33E+00	4.53E+00	5.71E-01	1.43E+00	1.45E-01	4.17E+01	5.87E+00	7.61E+00	1.31E+00	2.40E+00	2.92E-01	0.00E+00	0.00E+00
8.40E+00	1.27E+00	1.33E+01	2.48E+00	4.36E+00	5.77E-01	1.65E+00	1.47E-01	4.19E+01	6.68E+00	7.55E+00	1.36E+00	2.77E+00	2.91E-01	0.00E+00	0.00E+00
9.24E+00	1.22E+00	1.26E+01	2.39E+00	3.80E+00	5.33E-01	1.79E+00	1.41E-01	3.96E+01	6.81E+00	7.19E+00	1.29E+00	3.04E+00	2.73E-01	0.00E+00	0.00E+00
3.40E+00	1.19E+00	5.76E+00	1.41E+00	1.71E+00	4.01E-01	4.89E-01	1.80E-01	1.28E+01	2.72E+00	2.99E+00	9.84E-01	1.39E+00	3.47E-01	0.00E+00	0.00E+00
3.42E+00	1.19E+00	5.66E+00	1.42E+00	1.72E+00	4.02E-01	5.06E-01	1.83E-01	1.31E+01	2.63E+00	2.98E+00	9.83E-01	1.40E+00	3.58E-01	0.00E+00	0.00E+00
3.36E+00	1.16E+00	5.38E+00	1.41E+00	1.62E+00	3.99E-01	5.36E-01	1.81E-01	1.40E+01	2.56E+00	2.91E+00	9.63E-01	1.41E+00	3.60E-01	0.00E+00	0.00E+00
3.27E+00	1.11E+00	5.78E+00	1.39E+00	1.76E+00	3.94E-01	5.68E-01	1.75E-01	1.47E+01	2.52E+00	2.91E+00	9.29E-01	1.40E+00	3.57E-01	0.00E+00	0.00E+00
3.36E+00	1.08E+00	6.09E+00	1.41E+00	1.86E+00	4.02E-01	5.95E-01	1.74E-01	1.51E+01	2.42E+00	3.05E+00	8.83E-01	1.38E+00	3.51E-01	0.00E+00	0.00E+00
3.41E+00	1.05E+00	6.33E+00	1.42E+00	2.02E+00	4.03E-01	6.16E-01	1.76E-01	1.47E+01	2.37E+00	3.12E+00	8.55E-01	1.37E+00	3.44E-01	0.00E+00	0.00E+00
3.40E+00	1.02E+00	6.56E+00	1.41E+00	2.17E+00	3.94E-01	6.26E-01	1.80E-01	1.40E+01	2.37E+00	3.19E+00	8.33E-01	1.33E+00	3.57E-01	0.00E+00	0.00E+00
3.43E+00	9.98E-01	6.85E+00	1.38E+00	2.21E+00	3.69E-01	6.20E-01	1.81E-01	1.43E+01	2.60E+00	3.36E+00	8.19E-01	1.28E+00	3.67E-01	0.00E+00	0.00E+00
3.41E+00	9.68E-01	6.83E+00	1.30E+00	1.92E+00	3.10E-01	6.03E-01	1.79E-01	1.53E+01	3.04E+00	3.42E+00	8.01E-01	1.21E+00	3.69E-01	0.00E+00	0.00E+00
3.58E+00	8.82E-01	6.54E+00	1.34E+00	1.70E+00	2.82E-01	5.80E-01	1.65E-01	1.64E+01	3.48E+00	3.37E+00	7.49E-01	1.13E+00	3.47E-01	0.00E+00	0.00E+00
3.51E+00	7.35E-01	6.21E+00	1.38E+00	1.56E+00	2.56E-01	5.48E-01	1.40E-01	1.71E+01	3.91E+00	3.24E+00	7.03E-01	1.05E+00	3.01E-01	0.00E+00	0.00E+00
3.48E+00	8.02E-01	7.19E+00	1.64E+00	1.74E+00	3.73E-01	5.04E-01	1.11E-01	2.50E+01	6.21E+00	3.58E+00	8.63E-01	1.06E+00	2.48E-01	0.00E+00	0.00E+00
4.21E+00	9.35E-01	8.70E+00	1.93E+00	1.91E+00	4.39E-01	6.03E-01	8.49E-02	2.90E+01	7.09E+00	4.36E+00	1.00E+00	1.18E+00	1.99E-01	0.00E+00	0.00E+00
4.45E+00	1.01E+00	9.18E+00	2.05E+00	1.39E+00	2.45E-01	7.25E-01	4.43E-02	3.44E+01	8.20E+00	4.79E+00	1.11E+00	1.42E+00	1.09E-01	0.00E+00	0.00E+00
4.74E+00	9.28E-01	9.56E+00	1.88E+00	9.44E-01	6.31E-02	8.69E-01	5.13E-02	4.17E+01	8.76E+00	5.28E+00	1.08E+00	1.71E+00	9.66E-02	0.00E+00	0.00E+00
5.62E+00	3.24E-01	5.35E+00	3.76E-01	1.01E+00	7.31E-02	1.03E+00	5.96E-02	2.60E+01	1.72E+00	3.85E+00	2.26E-01	2.03E+00	1.12E-01	0.00E+00	0.00E+00
6.50E+00	3.82E-01	4.57E+00	3.18E-01	1.13E+00	9.80E-02	1.19E+00	6.98E-02	8.38E+00	9.40E-01	4.45E+00	2.68E-01	2.35E+00	1.29E-01	0.00E+00	0.00E+00
7.15E+00	4.65E-01	4.93E+00	4.43E-01	2.59E+00	3.22E-01	1.31E+00	7.94E-02	1.75E+01	1.40E+00	4.88E+00	3.36E-01	2.59E+00	1.44E-01	0.00E+00	0.00E+00
8.84E+00	1.29E+00	1.77E+01	2.58E+00	3.98E+00	4.25E-01	1.36E+00	8.66E-02	8.85E+01	1.28E+01	1.06E+01	1.54E+00	2.69E+00	1.52E-01	0.00E+00	0.00E+00
1.52E+01	2.82E+00	3.04E+01	5.67E+00	2.32E+00	2.84E-01	1.34E+00	8.32E-02	1.52E+02	2.76E+01	1.82E+01	3.36E+00	2.64E+00	1.50E-01	0.00E+00	0.00E+00
1.24E+01	3.78E+00	2.49E+01	7.58E+00	2.69E+00	2.65E-01	1.44E+00	1.33E-01	1.24E+02	3.75E+01	1.49E+01	4.52E+00	2.71E+00	2.59E-01	0.00E+00	0.00E+00
8.46E+00	2.00E+00	1.70E+01	4.01E+00	2.65E+00	2.40E-01	1.54E+00	1.56E-01	8.39E+01	1.99E+01	1.01E+01	2.40E+00	3.01E+00	2.97E-01	0.00E+00	0.00E+00
8.42E+00	1.27E+00	1.33E+01	2.58E+00	2.59E+00	2.44E-01	1.60E+00	1.52E-01	6.19E+01	1.12E+01	7.68E+00	1.46E+00	3.17E+00	2.84E-01	0.00E+00	0.00E+00
7.79E+00	9.51E-01	1.01E+01	1.94E+00	3.15E+00	2.71E-01	1.48E+00	1.40E-01	4.83E+01	8.39E+00	5.91E+00	1.09E+00	2.96E+00	2.57E-01	0.00E+00	0.00E+00
6.24E+00	8.76E-01	9.59E+00	1.83E+00	3.36E+00	2.83E-01	1.18E+00	1.28E-01	3.79E+01	6.36E+00	5.14E+00	9.96E-01	2.40E+00	2.29E-01	0.00E+00	0.00E+00
5.82E+00	8.74E-01	1.06E+01	1.82E+00	3.20E+00	2.74E-01	8.73E-01	1.20E-01	3.32E+01	6.23E+00	5.79E+00	9.73E-01	1.80E+00	2.41E-01	0.00E+00	0.00E+00
6.20E+00	8.37E-01	1.11E+01	1.74E+00	2.98E+00	2.77E-01	1.08E+00	1.28E-01	3.59E+01	5.81E+00	6.17E+00	9.16E-01	1.88E+00	2.47E-01	0.00E+00	0.00E+00
7.50E+00	8.90E-01	1.13E+01	1.79E+00	2.81E+00	3.00E-01	1.45E+00	1.35E-01	3.72E+01	5.97E+00	6.31E+00	9.36E-01	2.50E+00	2.53E-01	0.00E+00	0.00E+00
8.79E+00	9.40E-01	1.10E+01	1.85E+00	2.64E+00	3.14E-01	1.69E+00	1.40E-01	3.66E+01	6.38E+00	6.19E+00	9.72E-01	2.91E+00	2.54E-01	0.00E+00	0.00E+00
9.39E+00	9.56E-01	1.05E+01	1.71E+00	2.56E+00	3.15E-01	1.78E+00	1.39E-01	3.48E+01	6.06E+00	5.93E+00	9.05E-01	3.08E+00	2.48E-01	0.00E+00	0.00E+00
9.68E+00	9.44E-01	9.80E+00	1.51E+00	2.44E+00	3.14E-01	1.80E+00	1.36E-01	3.22E+01	5.43E+00	5.58E+00	8.03E-01	3.15E+00	2.38E-01	0.00E+00	0.00E+00
3.71E+00	1.21E+00	5.50E+00	1.72E+00	1.69E+00	4.74E-01	5.09E-01	1.80E-01	1.21E+01	3.11E+00	3.17E+00	1.06E+00	1.27E+00	3.26E-01	0.00E+00	0.00E+00
3.81E+00	1.24E+00	5.44E+00	1.70E+00	1.73E+00	4.71E-01	5.25E-01	1.87E-01	1.18E+01	3.06E+00	3.26E+00	1.05E+00	1.29E+00	3.43E-01	0.00E+00	0.00E+00
3.83E+00	1.25E+00	5.37E+00	1.65E+00	1.76E+00	4.66E-01	5.31E-01	1.89E-01	1.18E+01	2.95E+00	3.28E+00	1.02E+00	1.31E+00	3.51E-01	0.00E+00	0.00E+00
3.85E+00	1.24E+00	5.28E+00	1.60E+00	1.76E+00	4.54E-01	5.45E-01	1.89E-01	1.16E+01	2.83E+00	3.31E+00	1.02E+00	1.32E+00	3.59E-01	0.00E+00	0.00E+00
3.77E+00	1.23E+00	5.12E+00	1.55E+00	1.69E+00	4.33E-01	5.58E-01	1.91E-01	1.11E+01	2.65E+00	3.25E+00	1.01E+00	1.32E+00	3.72E-01	0.00E+00	0.00E+00
3.54E+00	1.20E+00	5.13E+00	1.47E+00	1.61E+00	4.21E-01	5.56E-01	1.90E-01	1.05E+01	2.37E+00	3.08E+00	9.88E-01	1.32E+00	3.81E-01	0.00E+00	0.00E+00
3.50E+00	1.18E+00	5.16E+00	1.42E+00	1.57E+00	4.06E-01	5.76E-01	1.90E-01	1.08E+01	2.06E+00	3.01E+00	9.74E-01	1.31E+00	3.92E-01	0.00E+00	0.00E+00
3.49E+00	1.15E+00	5.22E+00	1.39E+00	1.49E+00	3.75E-01	5.88E-01	1.84E-01	1.15E+01	1.99E+00	3.05E+00	9.62E-01	1.28E+00	3.94E-01	0.00E+00	0.00E+00
3.53E+00	1.09E+00	5.41E+00	1.35E+00	1.49E+00	3.27E-01	6.53E-01	1.77E-01	1.42E+01	2.03E+00	3.14E+00	9.40E-01	1.25E+00	3.91E-01	0.00E+00	0.00E+00
3.69E+00	9.74E-01	5.83E+00	1.30E+00	1.57E+00	3.20E-01	6.55E-01	1.64E-01	1.78E+01	2.61E+00	3.36E+00	8.78E-01	1.21E+00	3.66E-01	0.00E+00	0.00E+00
3.70E+00	8.02E-01	6.50E+00	1.20E+00	1.63E+00	3.17E-01	6.00E-01	1.38E-01	2.18E+01	3.55E+00	3.42E+00	7.61E-01	1.16E+00	3.15E-01	0.00E+00	0.00E+00
3.69E+00	6.23E-01	7.61E+00	1.28E+00	1.64E+00	3.10E-01	5.53E-01	1.03E-01	2.61E+01	4.99E+00	3.87E+00	6.80E-01	1.10E+00	2.58E-01	0.00E+00	0.00E+00
4.10E+00	8.83E-01	8.39E+00	1.80E+00	1.58E+00	2.74E-01	6.23E-01	6.95E-02	3.26E+01	7.54E+00	4.39E+00	9.90E-01	1.22E+00	2.06E-01	0.00E+00	0.00E+00
6.96E+00	1.39E+00	1.40E+01	2.79E+00	9.52E-01	1.25E-01	7.47E-01	4.52E-02	6.96E+01	1.37E+01	8.36E+00	1.65E+00	1.47E+00	1.13E-01	0.00E+00	0.00E+00
1.14E+01	2.50E+00	2.29E+01	5.01E+00	9.58E-01	6.63E-02	8.96E-01	5.26E-02	1.14E+02	2.49E+01	1.37E+01	2.99E+00	1.77E+00	9.93E-02	0.00E+00	0.00E+00
8.33E+00	2.18E+00	1.67E+01	4.37E+00	1.03E+00	7.70E-02	1.06E+00	6.10E-02	8.34E+01	2.18E+01	1.00E+01	2.62E+00	2.10E+00	1.15E-01	0.00E+00	0.00E+00
6.67E+00	3.81E-01	4.89E+00	3.14E-01	1.15E+00	8.85E-02	1.21E+00	6.93E-02	7.62E+00	3.73E-01	4.62E+00	2.68E-01	2.41E+00	1.31E-01	0.00E+00	0.00E+00
1.35E+01	6.96E-01	2.70E+01	1.39E+00	1.24E+00	9.22E-02	1.33E+00	7.56E-02	1.35E+02	6.96E+00	1.62E+01	8.36E-01	2.65E+00	1.44E-01	0.00E+00	0.00E+00
3.19E+01	5.97E+00	6.38E+01	1.20E+01	5.58E+00	3.97E-01	1.38E+00	7.82E-02	3.19E+02	5.97E+01	3.83E+01	7.17E+00	2.75E+00	1.49E-01	0.00E+00	0.00E+00
2.08E+01	5.37E+00	4.18E+01	1.08E+01	5.94E+00	4.94E-01	1.36E+00	7.79E-02	2.09E+02	5.38E+01	2.50E+01	6.46E+00	2.70E+00	1.54E-01	0.00E+00	0.00E+00
1.36E+01	2.69E+00	2.72E+01	5.40E+00	5.22E+00	4.76E-01	2.25E+00	1.12E-01	1.36E+02	2.67E+01	1.63E+01	3.22E+00	4.30E+00	2.23E-01	0.00E+00	0.00E+00
9.64E+00	2.17E+00	1.89E+01	4.37E+00	4.40E+00	4.28E-01	1.84E+00	1.14E-01	9.29E+01	2.11E+01	1.12E+01	2.57E+00	3.62E+00	2.38E-01	0.00E+00	0.00E+00
9.03E+00	1.63E+00	1.59E+01	3.29E+00	3.60E+00	3.80E-01	1.71E+00	1.56E-01	7.33E+01	1.57E+01	9.14E+00	1.92E+00	3.47E+00	2.93E-01	0.00E+00	0.00E+00
8.36E+00	1.21E+00	1.24E+01	2.14E+00	3.27E+00	3.47E-01	1.59E+00	1.72E-01	5.56E+01	1.01E+01	7.00E+00	1.24E+00	3.24E+00	3.08E-01	0.00E+00	0.00E+00
6.51E+00	1.15E+00	1.11E+01	1.39E+00	3.33E+00	3.24E-01	1.24E+00	1.67E-01	3.81E+01	6.41E+00	5.84E+00	9.23E-01	2.55E+00	2.88E-01	0.00E+00	0.00E+00
5.02E+00	1.04E+00	1.01E+01	1.18E+00	3.21E+00	3.02E-01	8.94E-01	1.53E-01	2.96E+01	4.45E+00	5.29E+00	8.27E-01	1.86E+00	2.57E-01	0.00E+00	0.00E+00
4.61E+00	9.47E-01	9.18E+00	1.18E+00	3.09E+00	3.08E-01	8.01E-01	1.38E-01	2.73E+01	3.16E+00	4.81E+00	7.95E-01	1.58E+00	2.41E-01	0.00E+00	0.00E+00
4.52E+00	9.37E-01	8.52E+00	1.23E+00	3.18E+00	3.36E-01	7.74E-01	1.29E-01	2.71E+01	2.82E+00	4.50E+00	8.24E-01	1.51E+00	2.51E-01	0.00E+00	0.00E+00
5.02E+00	9.88E-01	8.75E+00	1.29E+00	3.29E+00	3.52E-01	8.85E-01	1.36E-01	2.59E+01	3.21E+00	4.65E+00	8.58E-01	1.61E+00	2.54E-01	0.00E+00	0.00E+00
5.48E+00	1.02E+00	8.99E+00	1.32E+00	3.30E+00	3.56E-01	9.60E-01	1.39E-01	2.41E+01	3.33E+00	4.79E+00	8.76E-01	1.75E+00	2.54E-01	0.00E+00	0.00E+00
5.70E+00	1.02E+00	8.99E+00	1.31E+00	3.23E+00	3.55E-01	9.86E-01	1.39E-01	2.41E+01	3.39E+00	4.80E+00	8.70E-01	1.83E+00	2.49E-01	0.00E+00	0.00E+00
3.89E+00	1.32E+00	6.43E+00	1.90E+00	2.02E+00	5.72E-01	5.78E-01	1.74E-01	1.44E+01	3.49E+00	3.59E+00	1.14E+00	1.16E+00	2.97E-01	0.00E+00	0.00E+00
3.95E+00	1.33E+00	6.59E+00	1.91E+00	2.05E+00	5.69E-01	6.02E-01	1.77E-01	1.47E+01	3.43E+00	3.67E+00	1.15E+00	1.18E+00	3.06E-01	0.00E+00	0.00E+00
3.91E+00	1.32E+00	6.63E+00	1.89E+00	2.07E+00	5.62E-01	6.62E-01	1.75E-01	1.46E+01	3.28E+00	3.65E+00	1.13E+00	1.20E+00	3.05E-01	0.00E+00	0.00E+00
3.87E+00	1.30E+00	6.67E+00	1.87E+00	2.09E+00	5.52E-01	7.43E-01	1.73E-01	1.44E+01	3.11E+00	3.63E+00	1.12E+00	1.34E+00	3.05E-01	0.00E+00	0.00E+00
4.18E+00	1.27E+00	6.62E+00	1.84E+00	2.03E+00	5.38E-01	8.32E-01	1.81E-01	1.40E+01	2.89E+00	3.56E+00	1.10E+00	1.50E+00	3.08E-01	0.00E+00	0.00E+00
4.50E+00	1.23E+00	6.40E+00	1.79E+00	1.98E+00	5.20E-01	8.97E-01	1.86E-01	1.29E+01	2.58E+00	3.36E+00	1.06E+00	1.62E+00	3.26E-01	0.00E+00	0.00E+00
4.74E+00	1.22E+00	6.12E+00	1.72E+00	1.91E+00	5.15E-01	9.44E-01	1.88E-01	1.17E+01	2.24E+00	3.13E+00	1.01E+00	1.72E+00	3.40E-01	0.00E+00	0.00E+00
4.82E+00	1.21E+00	6.06E+00	1.67E+00	1.76E+00	4.89E-01	9.61E-01	1.84E-01	1.22E+01	2.21E+00	3.15E+00	9.90E-01	1.77E+00	3.42E-01	0.00E+00	0.00E+00
4.61E+00	1.15E+00	6.01E+00	1.63E+00	1.46E+00	4.20E-01	9.19E-01	1.69E-01	1.34E+01	2.35E+00	3.27E+00	9.74E-01	1.72E+00	3.35E-01	0.00E+00	0.00E+00
3.82E+00	1.04E+00	6.30E+00	1.60E+00	1.48E+00	3.84E-01	7.62E-01	1.45E-01	1.52E+01	2.54E+00	3.43E+00	9.22E-01	1.47E+00	3.06E-01	0.00E+00	0.00E+00
3.45E+00	8.90E-01	6.65E+00	1.51E+00	1.55E+00	3.88E-01	5.78E-01	1.19E-01	1.71E+01	2.70E+00	3.50E+00	8.28E-01	1.22E+00	2.50E-01	0.00E+00	0.00E+00
3.50E+00	7.23E-01	7.08E+00	1.41E+00	1.61E+00	3.99E-01	5.70E-01	1.03E-01	1.95E+01	2.93E+00	3.63E+00	7.10E-01	1.18E+00	2.24E-01	0.00E+00	0.00E+00
3.58E+00	6.25E-01	7.37E+00	1.28E+00	1.53E+00	3.51E-01	6.29E-01	8.24E-02	2.41E+01	3.35E+00	3.81E+00	6.34E-01	1.24E+00	1.88E-01	0.00E+00	0.00E+00
4.52E+00	4.73E-01	9.05E+00	9.74E-01	9.34E-01	1.20E-01	7.49E-01	6.38E-02	4.52E+01	3.83E+00	5.43E+00	5.17E-01	1.48E+00	1.54E-01	0.00E+00	0.00E+00
1.10E+01	7.71E-01	2.21E+01	1.55E+00	9.56E-01	6.74E-02	8.91E-01	5.23E-02	1.10E+02	7.72E+00	1.32E+01	9.27E-01	1.76E+00	1.04E-01	0.00E+00	0.00E+00
2.95E+01	2.36E+00	5.91E+01	4.72E+00	1.03E+00	7.77E-02	1.04E+00	6.02E-02	2.96E+02	2.36E+01	3.55E+01	2.83E+00	2.08E+00	1.15E-01	0.00E+00	0.00E+00
6.56E+00	3.74E-01	5.00E+00	3.15E-01	1.13E+00	8.69E-02	1.18E+00	6.76E-02	6.54E+00	3.44E-01	4.58E+00	2.65E-01	2.37E+00	1.29E-01	0.00E+00	0.00E+00
7.13E+00	4.09E-01	5.34E+00	3.45E-01	1.91E+00	2.35E-01	1.29E+00	7.32E-02	6.93E+00	3.58E-01	4.98E+00	2.92E-01	2.58E+00	1.40E-01	0.00E+00	0.00E+00
4.02E+01	6.83E+00	8.05E+01	1.37E+01	7.79E+00	1.26E+00	1.33E+00	1.36E-01	4.02E+02	6.84E+01	4.83E+01	8.21E+00	2.67E+00	1.45E-01	0.00E+00	0.00E+00
2.41E+01	3.51E+00	4.82E+01	7.04E+00	7.73E+00	1.20E+00	1.32E+00	1.31E-01	2.41E+02	3.52E+01	2.89E+01	4.22E+00	2.64E+00	1.45E-01	0.00E+00	0.00E+00
1.48E+01	1.94E+00	2.97E+01	3.95E+00	6.38E+00	9.75E-01	2.14E+00	1.09E-01	1.48E+02	1.87E+01	1.78E+01	2.24E+00	3.56E+00	1.67E-01	0.00E+00	0.00E+00
1.03E+01	1.50E+00	2.10E+01	3.00E+00	5.18E+00	7.68E-01	1.46E+00	9.56E-02	9.51E+01	1.10E+01	1.15E+01	1.77E+00	2.74E+00	1.83E-01	0.00E+00	0.00E+00

Scenario 4 Results

8.31E+00	1.30E+00	1.70E+01	2.38E+00	4.20E+00	6.12E-01	1.42E+00	1.04E-01	6.51E+01	7.23E+00	9.01E+00	1.47E+00	2.95E+00	2.07E-01	0.00E+00	0.00E+00
7.02E+00	1.24E+00	1.43E+01	2.01E+00	3.52E+00	5.18E-01	1.31E+00	1.25E-01	4.64E+01	5.63E+00	7.59E+00	1.29E+00	2.74E+00	2.37E-01	0.00E+00	0.00E+00
5.86E+00	1.18E+00	1.18E+01	1.71E+00	3.23E+00	4.51E-01	1.03E+00	1.39E-01	3.58E+01	4.41E+00	6.25E+00	1.13E+00	2.15E+00	2.49E-01	0.00E+00	0.00E+00
5.17E+00	1.13E+00	1.03E+01	1.51E+00	3.16E+00	3.97E-01	8.88E-01	1.45E-01	3.01E+01	3.63E+00	5.45E+00	1.01E+00	1.76E+00	2.52E-01	0.00E+00	0.00E+00
4.61E+00	1.07E+00	8.96E+00	1.34E+00	3.11E+00	3.58E-01	8.37E-01	1.46E-01	2.49E+01	3.03E+00	4.77E+00	9.11E-01	1.63E+00	2.47E-01	0.00E+00	0.00E+00
4.33E+00	1.02E+00	8.81E+00	1.23E+00	3.01E+00	3.28E-01	7.97E-01	1.42E-01	2.24E+01	2.70E+00	4.40E+00	8.41E-01	1.52E+00	2.37E-01	0.00E+00	0.00E+00
4.57E+00	9.46E-01	9.43E+00	1.26E+00	2.95E+00	3.34E-01	8.18E-01	1.32E-01	2.44E+01	2.50E+00	4.68E+00	8.09E-01	1.53E+00	2.28E-01	0.00E+00	0.00E+00
4.63E+00	9.54E-01	9.47E+00	1.32E+00	2.97E+00	3.47E-01	7.83E-01	1.24E-01	2.46E+01	2.67E+00	4.75E+00	8.47E-01	1.43E+00	2.34E-01	0.00E+00	0.00E+00
4.58E+00	9.74E-01	9.32E+00	1.33E+00	2.93E+00	3.49E-01	7.16E-01	1.27E-01	2.42E+01	2.69E+00	4.71E+00	8.57E-01	1.33E+00	2.34E-01	0.00E+00	0.00E+00
4.10E+00	1.23E+00	6.15E+00	1.95E+00	2.13E+00	5.73E-01	7.81E-01	1.55E-01	1.51E+01	3.96E+00	3.56E+00	1.10E+00	1.43E+00	2.63E-01	0.00E+00	0.00E+00
4.39E+00	1.23E+00	6.18E+00	1.95E+00	2.14E+00	5.62E-01	8.70E-01	1.63E-01	1.53E+01	3.93E+00	3.55E+00	1.10E+00	1.60E+00	2.77E-01	0.00E+00	0.00E+00
4.75E+00	1.25E+00	6.06E+00	1.90E+00	2.11E+00	5.72E-01	9.43E-01	1.67E-01	1.50E+01	3.78E+00	3.42E+00	1.06E+00	1.74E+00	2.82E-01	0.00E+00	0.00E+00
4.92E+00	1.26E+00	5.91E+00	1.86E+00	2.04E+00	5.87E-01	9.77E-01	1.69E-01	1.46E+01	3.61E+00	3.27E+00	1.07E+00	1.82E+00	2.84E-01	0.00E+00	0.00E+00
5.07E+00	1.26E+00	5.55E+00	1.81E+00	1.88E+00	5.90E-01	1.01E+00	1.69E-01	1.40E+01	3.39E+00	3.20E+00	1.07E+00	1.90E+00	2.84E-01	0.00E+00	0.00E+00
4.93E+00	1.23E+00	5.21E+00	1.80E+00	1.87E+00	5.86E-01	9.80E-01	1.67E-01	1.28E+01	3.07E+00	3.17E+00	1.05E+00	1.87E+00	2.81E-01	0.00E+00	0.00E+00
4.42E+00	1.17E+00	5.24E+00	1.73E+00	1.91E+00	5.69E-01	8.80E-01	1.59E-01	1.20E+01	2.70E+00	3.06E+00	9.98E-01	1.72E+00	2.75E-01	0.00E+00	0.00E+00
3.65E+00	1.10E+00	5.32E+00	1.69E+00	1.85E+00	5.27E-01	7.27E-01	1.44E-01	1.23E+01	2.62E+00	3.02E+00	9.54E-01	1.46E+00	2.77E-01	0.00E+00	0.00E+00
3.43E+00	1.01E+00	5.41E+00	1.62E+00	1.57E+00	4.34E-01	5.71E-01	1.40E-01	1.32E+01	2.74E+00	3.03E+00	9.02E-01	1.21E+00	2.97E-01	0.00E+00	0.00E+00
3.53E+00	8.76E-01	5.61E+00	1.51E+00	1.31E+00	3.44E-01	5.72E-01	1.36E-01	1.47E+01	2.89E+00	3.04E+00	8.16E-01	1.22E+00	2.97E-01	0.00E+00	0.00E+00
3.55E+00	8.08E-01	5.57E+00	1.37E+00	1.36E+00	2.95E-01	5.52E-01	1.28E-01	1.57E+01	2.95E+00	2.95E+00	7.03E-01	1.22E+00	2.64E-01	0.00E+00	0.00E+00
3.75E+00	6.92E-01	5.49E+00	1.19E+00	1.52E+00	2.75E-01	6.11E-01	1.21E-01	1.72E+01	3.04E+00	3.08E+00	6.15E-01	1.21E+00	2.52E-01	0.00E+00	0.00E+00
3.85E+00	6.34E-01	5.30E+00	9.75E-01	1.86E+00	2.74E-01	6.22E-01	1.03E-01	2.06E+01	3.14E+00	3.21E+00	5.49E-01	1.23E+00	2.17E-01	0.00E+00	0.00E+00
4.05E+00	4.99E-01	5.23E+00	7.79E-01	1.41E+00	2.33E-01	7.33E-01	9.49E-02	2.58E+01	3.15E+00	3.11E+00	4.57E-01	1.45E+00	2.19E-01	0.00E+00	0.00E+00
7.66E+00	8.45E-01	1.54E+01	1.57E+00	9.39E-01	7.67E-02	8.60E-01	6.95E-02	7.67E+01	6.83E+00	9.21E+00	9.51E-01	1.71E+00	2.09E-01	0.00E+00	0.00E+00
2.24E+01	3.00E+00	4.50E+01	5.98E+00	1.01E+00	7.48E-02	9.92E-01	5.76E-02	2.25E+02	2.98E+01	2.70E+01	3.59E+00	1.98E+00	1.54E-01	0.00E+00	0.00E+00
6.48E+01	1.02E+01	1.30E+02	2.05E+01	1.10E+00	8.22E-02	1.11E+00	6.40E-02	6.49E+02	1.02E+02	7.79E+01	1.23E+01	2.24E+00	1.22E-01	0.00E+00	0.00E+00
4.50E+01	5.21E+00	9.02E+01	1.04E+01	1.18E+00	1.16E-01	1.20E+00	6.88E-02	4.50E+02	5.21E+01	5.40E+01	6.26E+00	2.42E+00	1.32E-01	0.00E+00	0.00E+00
2.79E+01	5.93E+00	5.60E+01	1.19E+01	1.59E+00	2.21E-01	1.25E+00	7.19E-02	2.79E+02	5.93E+01	3.35E+01	7.23E+00	2.51E+00	1.38E-01	0.00E+00	0.00E+00
2.52E+01	3.30E+00	5.05E+01	6.62E+00	2.30E+00	2.31E-01	1.32E+00	7.29E-02	2.40E+02	3.17E+01	2.97E+01	3.90E+00	2.64E+00	1.39E-01	0.00E+00	0.00E+00
1.78E+01	2.75E+00	3.59E+01	5.54E+00	3.40E+00	4.92E-01	1.98E+00	9.16E-02	1.59E+02	2.46E+01	2.05E+01	3.17E+00	3.41E+00	1.81E-01	0.00E+00	0.00E+00
1.58E+01	2.12E+00	2.79E+01	4.29E+00	3.98E+00	6.05E-01	3.16E+00	1.42E-01	1.21E+02	1.73E+01	1.58E+01	2.44E+00	5.39E+00	2.45E-01	0.00E+00	0.00E+00
1.61E+01	1.63E+00	2.08E+01	3.29E+00	3.54E+00	6.01E-01	3.22E+00	1.42E-01	7.96E+01	1.21E+01	1.12E+01	1.89E+00	5.39E+00	2.39E-01	0.00E+00	0.00E+00
1.03E+01	1.38E+00	1.55E+01	2.65E+00	3.81E+00	5.75E-01	2.06E+00	1.11E-01	5.04E+01	8.85E+00	8.12E+00	1.55E+00	3.43E+00	2.53E-01	0.00E+00	0.00E+00
5.91E+00	1.24E+00	1.20E+01	2.19E+00	3.66E+00	5.38E-01	1.06E+00	1.13E-01	3.97E+01	6.58E+00	6.33E+00	1.31E+00	1.91E+00	2.52E-01	0.00E+00	0.00E+00
5.02E+00	1.14E+00	1.02E+01	1.85E+00	3.31E+00	4.88E-01	8.84E-01	1.16E-01	3.28E+01	5.11E+00	5.35E+00	1.14E+00	1.76E+00	2.38E-01	0.00E+00	0.00E+00
4.71E+00	1.09E+00	9.31E+00	1.63E+00	3.06E+00	4.53E-01	8.14E-01	1.26E-01	2.71E+01	4.14E+00	4.78E+00	1.03E+00	1.65E+00	2.31E-01	0.00E+00	0.00E+00
4.82E+00	1.06E+00	8.84E+00	1.49E+00	3.09E+00	4.19E-01	8.72E-01	1.32E-01	2.60E+01	3.59E+00	4.60E+00	9.63E-01	1.80E+00	2.36E-01	0.00E+00	0.00E+00
4.95E+00	1.02E+00	9.28E+00	1.37E+00	3.28E+00	3.77E-01	9.08E-01	1.31E-01	2.73E+01	3.24E+00	4.81E+00	8.97E-01	1.84E+00	2.37E-01	0.00E+00	0.00E+00
4.79E+00	9.43E-01	9.40E+00	1.23E+00	3.23E+00	3.33E-01	8.86E-01	1.24E-01	2.70E+01	2.91E+00	4.93E+00	8.15E-01	1.77E+00	2.25E-01	0.00E+00	0.00E+00
4.52E+00	8.67E-01	9.01E+00	1.24E+00	3.10E+00	3.13E-01	8.34E-01	1.13E-01	2.51E+01	2.83E+00	4.78E+00	7.75E-01	1.65E+00	2.04E-01	0.00E+00	0.00E+00
4.48E+00	1.16E+00	6.00E+00	1.74E+00	1.97E+00	5.48E-01	8.87E-01	1.49E-01	1.26E+01	3.85E+00	3.41E+00	1.01E+00	1.67E+00	2.71E-01	0.00E+00	0.00E+00
4.68E+00	1.19E+00	6.14E+00	1.80E+00	2.08E+00	5.60E-01	9.28E-01	1.48E-01	1.21E+01	3.82E+00	3.57E+00	1.05E+00	1.76E+00	2.72E-01	0.00E+00	0.00E+00
4.68E+00	1.19E+00	6.33E+00	1.81E+00	2.12E+00	5.62E-01	9.28E-01	1.47E-01	1.22E+01	3.66E+00	3.61E+00	1.05E+00	1.78E+00	2.62E-01	0.00E+00	0.00E+00
4.36E+00	1.16E+00	6.45E+00	1.79E+00	2.13E+00	5.57E-01	8.66E-01	1.42E-01	1.25E+01	3.50E+00	3.59E+00	1.02E+00	1.68E+00	2.46E-01	0.00E+00	0.00E+00
3.92E+00	1.10E+00	6.33E+00	1.73E+00	2.01E+00	5.32E-01	7.78E-01	1.34E-01	1.24E+01	3.27E+00	3.44E+00	9.79E-01	1.54E+00	2.55E-01	0.00E+00	0.00E+00
3.39E+00	1.02E+00	6.00E+00	1.64E+00	1.84E+00	4.98E-01	6.40E-01	1.42E-01	1.18E+01	2.93E+00	3.15E+00	9.10E-01	1.30E+00	2.78E-01	0.00E+00	0.00E+00
3.62E+00	9.11E-01	5.54E+00	1.51E+00	1.70E+00	4.54E-01	5.67E-01	1.46E-01	1.14E+01	2.51E+00	2.95E+00	8.16E-01	1.09E+00	2.95E-01	0.00E+00	0.00E+00
3.82E+00	9.19E-01	5.09E+00	1.38E+00	1.67E+00	3.88E-01	5.84E-01	1.41E-01	1.11E+01	2.33E+00	3.06E+00	7.49E-01	1.11E+00	2.97E-01	0.00E+00	0.00E+00
3.78E+00	9.05E-01	5.11E+00	1.21E+00	1.58E+00	2.82E-01	6.30E-01	1.43E-01	1.17E+01	2.29E+00	3.12E+00	7.53E-01	1.16E+00	2.82E-01	0.00E+00	0.00E+00
3.58E+00	8.71E-01	5.17E+00	1.18E+00	1.49E+00	2.75E-01	6.27E-01	1.45E-01	1.22E+01	2.18E+00	3.07E+00	7.39E-01	1.23E+00	3.00E-01	0.00E+00	0.00E+00
4.11E+00	8.73E-01	5.63E+00	1.13E+00	1.90E+00	2.63E-01	6.39E-01	1.37E-01	1.15E+01	1.95E+00	3.38E+00	7.09E-01	1.16E+00	2.81E-01	0.00E+00	0.00E+00
4.66E+00	8.07E-01	6.19E+00	1.05E+00	1.91E+00	2.87E-01	9.30E-01	1.25E-01	1.30E+01	1.74E+00	3.68E+00	6.78E-01	1.66E+00	2.63E-01	0.00E+00	0.00E+00
3.95E+00	7.19E-01	6.68E+00	1.00E+00	1.91E+00	2.76E-01	7.46E-01	1.37E-01	2.32E+01	2.08E+00	3.58E+00	6.19E-01	1.39E+00	2.87E-01	0.00E+00	0.00E+00
4.62E+00	8.02E-01	8.30E+00	1.13E+00	2.98E+00	3.61E-01	7.97E-01	1.34E-01	4.02E+01	4.94E+00	4.90E+00	7.58E-01	1.40E+00	3.05E-01	0.00E+00	0.00E+00
1.03E+01	1.09E+00	2.06E+01	2.18E+00	4.37E+00	3.10E-01	1.19E+00	8.72E-02	1.03E+02	1.07E+01	1.23E+01	1.31E+00	1.78E+00	1.84E-01	0.00E+00	0.00E+00
2.24E+01	2.93E+00	4.48E+01	5.83E+00	1.54E+00	1.30E-01	9.23E-01	9.49E-02	2.24E+02	2.87E+01	2.69E+01	3.49E+00	1.84E+00	2.53E-01	0.00E+00	0.00E+00
1.03E+01	5.80E-01	2.04E+01	9.94E-01	1.06E+00	1.25E-01	1.03E+00	5.97E-02	1.02E+02	4.73E+00	1.23E+01	6.55E-01	2.06E+00	1.62E-01	0.00E+00	0.00E+00
1.60E+01	2.78E+00	3.21E+01	5.33E+00	1.92E+00	2.19E-01	1.11E+00	6.41E-02	1.60E+02	2.59E+01	1.94E+01	3.37E+00	2.23E+00	1.38E-01	0.00E+00	0.00E+00
2.25E+01	4.97E+00	4.51E+01	9.97E+00	1.92E+00	2.99E-01	1.15E+00	6.72E-02	2.24E+02	4.94E+01	2.69E+01	5.97E+00	2.31E+00	1.29E-01	0.00E+00	0.00E+00
1.09E+01	1.58E+00	2.19E+01	3.11E+00	1.81E+00	3.00E-01	1.16E+00	6.83E-02	1.08E+02	1.52E+01	1.30E+01	2.04E+00	2.51E+00	1.46E-01	0.00E+00	0.00E+00
1.63E+01	1.10E+00	1.58E+01	1.98E+00	1.53E+00	2.14E-01	3.18E+00	1.56E-01	7.58E+01	9.54E+00	1.05E+01	1.28E+00	6.29E+00	3.04E-01	0.00E+00	0.00E+00
1.60E+01	9.95E-01	1.70E+01	2.01E+00	1.33E+00	2.20E-01	3.15E+00	1.43E-01	7.64E+01	8.99E+00	9.72E+00	1.15E+00	5.59E+00	2.55E-01	0.00E+00	0.00E+00
1.96E+01	1.07E+00	1.82E+01	2.17E+00	2.14E+00	2.24E-01	3.92E+00	1.80E-01	7.51E+01	9.00E+00	1.10E+01	1.23E+00	6.88E+00	3.17E-01	0.00E+00	0.00E+00
2.27E+01	1.07E+00	1.59E+01	2.17E+00	2.34E+00	3.23E-01	4.53E+00	2.02E-01	6.31E+01	8.30E+00	1.24E+01	1.25E+00	7.75E+00	3.47E-01	0.00E+00	0.00E+00
1.75E+01	1.05E+00	1.42E+01	2.04E+00	3.04E+00	3.93E-01	3.50E+00	1.55E-01	4.90E+01	7.09E+00	9.45E+00	1.19E+00	5.93E+00	2.64E-01	0.00E+00	0.00E+00
1.04E+01	1.05E+00	1.19E+01	1.90E+00	3.36E+00	4.39E-01	2.08E+00	1.20E-01	4.26E+01	5.99E+00	6.27E+00	1.12E+00	3.51E+00	2.53E-01	0.00E+00	0.00E+00
5.79E+00	1.07E+00	1.19E+01	1.78E+00	3.30E+00	4.62E-01	1.01E+00	1.19E-01	3.77E+01	5.05E+00	6.11E+00	1.07E+00	1.70E+00	2.48E-01	0.00E+00	0.00E+00
5.99E+00	1.11E+00	1.23E+01	1.74E+00	3.57E+00	4.73E-01	8.83E-01	1.20E-01	3.56E+01	4.61E+00	6.27E+00	1.06E+00	1.64E+00	2.54E-01	0.00E+00	0.00E+00
5.88E+00	1.08E+00	1.19E+01	1.64E+00	3.68E+00	4.51E-01	9.38E-01	1.23E-01	3.25E+01	4.23E+00	6.15E+00	1.01E+00	1.72E+00	2.60E-01	0.00E+00	0.00E+00
5.54E+00	1.01E+00	1.09E+01	1.50E+00	3.52E+00	4.15E-01	9.03E-01	1.20E-01	2.82E+01	3.78E+00	5.76E+00	9.31E-01	1.69E+00	2.63E-01	0.00E+00	0.00E+00
5.16E+00	9.29E-01	9.64E+00	1.34E+00	3.21E+00	3.70E-01	8.24E-01	1.17E-01	2.39E+01	3.33E+00	5.27E+00	8.40E-01	1.75E+00	2.57E-01	0.00E+00	0.00E+00
3.95E+00	1.04E+00	6.30E+00	1.63E+00	1.94E+00	4.93E-01	7.66E-01	1.25E-01	1.44E+01	3.55E+00	3.47E+00	9.34E-01	1.49E+00	2.35E-01	0.00E+00	0.00E+00
4.00E+00	1.03E+00	6.36E+00	1.64E+00	2.06E+00	4.88E-01	7.25E-01	1.28E-01	1.49E+01	3.56E+00	3.45E+00	9.35E-01	1.43E+00	2.39E-01	0.00E+00	0.00E+00
3.95E+00	9.99E-01	6.19E+00	1.61E+00	2.10E+00	4.70E-01	6.46E-01	1.39E-01	1.49E+01	3.48E+00	3.37E+00	9.11E-01	1.29E+00	2.54E-01	0.00E+00	0.00E+00
3.75E+00	9.39E-01	5.85E+00	1.54E+00	2.08E+00	4.42E-01	5.55E-01	1.45E-01	1.44E+01	3.28E+00	3.25E+00	8.59E-01	1.09E+00	2.69E-01	0.00E+00	0.00E+00
3.54E+00	9.43E-01	5.51E+00	1.42E+00	1.89E+00	3.95E-01	5.68E-01	1.45E-01	1.36E+01	2.99E+00	3.05E+00	7.85E-01	1.04E+00	2.75E-01	0.00E+00	0.00E+00
3.67E+00	9.33E-01	5.20E+00	1.25E+00	1.81E+00	3.34E-01	5.95E-01	1.40E-01	1.18E+01	2.55E+00	3.06E+00	7.65E-01	1.11E+00	2.90E-01	0.00E+00	0.00E+00
3.73E+00	8.91E-01	5.41E+00	1.19E+00	1.84E+00	3.38E-01	6.38E-01	1.43E-01	1.13E+01	2.01E+00	3.14E+00	7.42E-01	1.12E+00	2.99E-01	0.00E+00	0.00E+00
4.16E+00	9.32E-01	5.36E+00	1.22E+00	2.27E+00	3.23E-01	7.11E-01	1.53E-01	1.03E+01	1.62E+00	3.27E+00	7.38E-01	1.19E+00	2.94E-01	0.00E+00	0.00E+00
4.38E+00	9.50E-01	6.15E+00	1.18E+00	2.60E+00	3.07E-01	6.72E-01	1.47E-01	1.12E+01	1.66E+00	3.71E+00	7.71E-01	1.14E+00	2.95E-01	0.00E+00	0.00E+00
4.32E+00	9.31E-01	6.75E+00	1.18E+00	2.21E+00	2.87E-01	8.63E-01	1.35E-01	1.20E+01	1.70E+00	3.79E+00	7.63E-01	1.54E+00	2.68E-01	0.00E+00	0.00E+00
5.85E+00	8.69E-01	6.69E+00	1.18E+00	1.74E+00	2.70E-01	1.17E+00	1.34E-01	1.72E+01	1.73E+00	3.64E+00	7.34E-01	2.12E+00	2.75E-01	0.00E+00	0.00E+00
4.94E+00	8.74E-01	6.25E+00	1.07E+00	1.94E+00	2.81E-01	9.87E-01	1.59E-01	2.36E+01	1.78E+00	3.54E+00	7.04E-01	1.86E+00	3.26E-01	0.00E+00	0.00E+00
5.04E+00	1.07E+00	6.95E+00	1.23E+00	2.51E+00	3.93E-01	7.88E-01	1.70E-01	2.99E+01	3.79E+00	4.37E+00	9.23E-01	1.38E+00	3.55E-01	0.00E+00	0.00E+00
5.47E+00	1.19E+00	9.29E+00	1.89E+00	3.27E+00	3.13E-01	8.04E-01	1.16E-01	3.80E+01	5.46E+00	5.53E+00	1.20E+00	1.56E+00	3.08E-01	0.00E+00	0.00E+00
8.05E+00	1.26E+00	1.56E+01	2.31E+00	4.02E+00	3.86E-01	1.25E+00	1.36E-01	7.20E+01	9.98E+00	9.66E+00	1.42E+00	2.28E+00	2.86E-01	0.00E+00	0.00E+00
1.32E+01	1.87E+00	2.41E+01	3.37E+00	2.35E+00	2.04E-01	8.56E-01	1.02E-01	1.21E+02	1.55E+01	1.54E+01	2.17E+00	1.71E+00	2.55E-01	0.00E+00	0.00E+00
5.24E+00	5.46E-01	6.26E+00	7.92E-01	1.68E+00	2.15E-01	9.42E-01	6.77E-02	1.74E+01	1.65E+00	4.62E+00	5.32E-01	1.89E+00	2.09E-01	0.00E+00	0.00E+00
8.86E+00	1.80E+00	1.58E+01	3.37E+00	1.83E+00	1.81E-01	1.01E+00	6.70E-02	7.72E+01	1.54E+01	1.05E+01	2.17E+00	2.03E+00	1.57E-01	0.00E+00	0.00E+00
7.66E+00	6.56E-01	1.47E+01	1.32E+00	1.96E+00	2.76E-01	1.05E+00	6.77E-02	6.99E+01	6.22E+00	9.21E+00	7.69E-01	2.12E+00	1.73E-01	0.00E+00	0.00E+00
1.00E+01	1.90E+00	2.02E+01	3.82E+00	1.79E+00	2.88E-01	1.07E+00	6.37E-02	9.68E+01	1.83E+01	1.19E+01	2.33E+00	2.16E+00	1.35E-01	0.00E+00	0.00E+00
1.18E+01	7.35E-01	9.78E+00	1.29E+00	1.77E+00	2.96E-01	2.21E+00	1.21E-01	4.61E+01	5.55E+00	9.78E+00	9.41E-01	5.57E+00	2.87E-01	0.00E+00	0.00E+00
2.21E+01	1.04E+00	1.05E+01	1.23E+00	1.57E+00	2.50E-01	4.25E+00	2.00E-01	2.90E+01	4.85E+00	1.42E+01	8.41E-01	8.46E+00	3.94E-01	0.00E+00	0.00E+00
1.79E+01	8.07E-01	7.85E+00	1.18E+00	1.58E+00	2.18E-01	3.49E+00	1.57E-01	3.44E+01	3.20E+00	1.06E+01	6.67E-01	6.44E+00	2.91E-01	0.00E+00	0.00E+00
2.04E+01	9.52E-01	8.83E+00	1.19E+00	1.57E+00	2.08E-01	4.08E+00	1.90E-01	3.33E+01	3.62E+00	1.17E+01	7.06E-01	7.31E+00	3.43E-01	0.00E+00	0.00E+00

Scenario 4 Results

2.44E+01	1.10E+00	1.05E+01	1.14E+00	2.01E+00	2.03E-01	4.87E+00	2.19E-01	3.81E+01	3.97E+00	1.36E+01	7.12E-01	8.48E+00	3.84E-01	0.00E+00	0.00E+00
2.09E+01	9.27E-01	1.11E+01	1.25E+00	2.76E+00	2.73E-01	4.18E+00	1.85E-01	3.44E+01	3.99E+00	1.14E+01	7.21E-01	7.17E+00	3.19E-01	0.00E+00	0.00E+00
1.41E+01	8.15E-01	9.94E+00	1.36E+00	2.99E+00	3.35E-01	2.81E+00	1.24E-01	3.15E+01	4.00E+00	7.63E+00	8.00E-01	4.78E+00	2.43E-01	0.00E+00	0.00E+00
8.42E+00	8.93E-01	1.12E+01	1.50E+00	3.08E+00	3.85E-01	1.68E+00	1.26E-01	3.41E+01	4.24E+00	5.73E+00	9.01E-01	2.85E+00	2.45E-01	0.00E+00	0.00E+00
5.71E+00	9.85E-01	1.16E+01	1.57E+00	3.41E+00	4.07E-01	9.76E-01	1.24E-01	3.31E+01	4.31E+00	5.98E+00	9.50E-01	1.94E+00	2.43E-01	0.00E+00	0.00E+00
5.55E+00	9.93E-01	1.08E+01	1.53E+00	3.37E+00	4.03E-01	1.03E+00	1.20E-01	3.01E+01	4.13E+00	5.71E+00	9.33E-01	2.01E+00	2.40E-01	0.00E+00	0.00E+00
5.45E+00	9.51E-01	9.88E+00	1.45E+00	3.07E+00	3.83E-01	1.03E+00	1.16E-01	3.06E+01	3.85E+00	5.26E+00	8.83E-01	1.95E+00	2.38E-01	0.00E+00	0.00E+00
3.87E+00	8.84E-01	6.13E+00	1.39E+00	2.06E+00	3.95E-01	6.18E-01	1.31E-01	1.41E+01	3.16E+00	3.43E+00	7.84E-01	1.13E+00	2.37E-01	0.00E+00	0.00E+00
3.72E+00	9.46E-01	6.12E+00	1.36E+00	2.03E+00	3.74E-01	6.02E-01	1.39E-01	1.36E+01	3.08E+00	3.35E+00	7.69E-01	1.11E+00	2.65E-01	0.00E+00	0.00E+00
3.63E+00	9.75E-01	5.73E+00	1.26E+00	1.84E+00	3.38E-01	5.91E-01	1.50E-01	1.25E+01	2.89E+00	3.22E+00	8.04E-01	1.07E+00	2.95E-01	0.00E+00	0.00E+00
3.81E+00	9.84E-01	5.59E+00	1.28E+00	1.74E+00	3.44E-01	6.27E-01	1.61E-01	1.17E+01	2.62E+00	3.22E+00	8.24E-01	1.08E+00	3.28E-01	0.00E+00	0.00E+00
3.85E+00	9.54E-01	5.50E+00	1.30E+00	1.80E+00	3.38E-01	6.14E-01	1.62E-01	1.22E+01	2.27E+00	3.07E+00	8.13E-01	1.09E+00	3.45E-01	0.00E+00	0.00E+00
4.24E+00	9.47E-01	5.45E+00	1.25E+00	2.32E+00	3.41E-01	6.80E-01	1.49E-01	1.17E+01	1.96E+00	3.38E+00	7.60E-01	1.08E+00	3.35E-01	0.00E+00	0.00E+00
4.61E+00	9.91E-01	6.53E+00	1.19E+00	2.81E+00	3.60E-01	6.99E-01	1.51E-01	1.02E+01	1.79E+00	3.83E+00	7.99E-01	1.09E+00	2.91E-01	0.00E+00	0.00E+00
4.48E+00	9.63E-01	7.15E+00	1.23E+00	2.85E+00	3.58E-01	6.12E-01	1.42E-01	1.09E+01	1.63E+00	3.93E+00	7.94E-01	1.15E+00	2.80E-01	0.00E+00	0.00E+00
4.86E+00	9.30E-01	7.22E+00	1.25E+00	2.31E+00	3.30E-01	9.70E-01	1.31E-01	1.39E+01	1.60E+00	3.80E+00	7.68E-01	1.75E+00	2.66E-01	0.00E+00	0.00E+00
6.24E+00	8.69E-01	6.33E+00	1.19E+00	2.16E+00	2.71E-01	1.25E+00	1.40E-01	1.76E+01	1.69E+00	3.80E+00	7.20E-01	2.30E+00	2.73E-01	0.00E+00	0.00E+00
5.50E+00	9.79E-01	6.73E+00	1.13E+00	2.01E+00	3.08E-01	1.10E+00	1.68E-01	1.80E+01	1.74E+00	3.85E+00	7.87E-01	2.09E+00	3.38E-01	0.00E+00	0.00E+00
4.85E+00	1.20E+00	7.21E+00	1.42E+00	2.07E+00	3.82E-01	7.90E-01	1.85E-01	2.32E+01	2.49E+00	4.41E+00	1.01E+00	1.44E+00	3.76E-01	0.00E+00	0.00E+00
5.69E+00	1.27E+00	8.27E+00	1.85E+00	3.30E+00	3.54E-01	9.18E-01	1.63E-01	3.02E+01	4.44E+00	4.96E+00	1.19E+00	1.63E+00	3.94E-01	0.00E+00	0.00E+00
6.72E+00	1.18E+00	1.18E+01	1.99E+00	4.03E+00	3.12E-01	1.14E+00	1.25E-01	4.21E+01	7.19E+00	7.34E+00	1.23E+00	1.74E+00	2.49E-01	0.00E+00	0.00E+00
9.17E+00	1.67E+00	1.82E+01	2.85E+00	3.35E+00	3.39E-01	9.31E-01	1.75E-01	8.93E+01	1.11E+01	1.10E+01	1.79E+00	1.88E+00	3.78E-01	0.00E+00	0.00E+00
9.17E+00	8.99E-01	1.72E+01	1.31E+00	2.30E+00	2.12E-01	7.93E-01	1.03E-01	8.29E+01	5.13E+00	1.07E+01	8.87E-01	1.58E+00	2.31E-01	0.00E+00	0.00E+00
5.52E+00	6.80E-01	7.33E+00	8.63E-01	1.76E+00	2.28E-01	8.66E-01	8.92E-02	1.87E+01	1.86E+00	5.04E+00	6.76E-01	1.74E+00	2.47E-01	0.00E+00	0.00E+00
6.94E+00	1.20E+00	1.18E+01	2.16E+00	1.59E+00	1.68E-01	9.26E-01	7.50E-02	4.74E+01	8.42E+00	7.68E+00	1.38E+00	1.86E+00	2.02E-01	0.00E+00	0.00E+00
6.39E+00	1.04E+00	1.06E+01	1.43E+00	1.95E+00	2.02E-01	9.68E-01	8.99E-02	4.04E+01	5.97E+00	7.01E+00	1.06E+00	1.95E+00	2.19E-01	0.00E+00	0.00E+00
7.87E+00	1.11E+00	1.59E+01	2.25E+00	1.80E+00	2.75E-01	9.91E-01	7.19E-02	7.38E+01	1.02E+01	9.46E+00	1.30E+00	1.99E+00	1.68E-01	0.00E+00	0.00E+00
6.59E+00	1.05E+00	1.30E+01	2.00E+00	1.58E+00	2.69E-01	1.22E+00	8.06E-02	5.85E+01	8.79E+00	7.46E+00	1.31E+00	3.57E+00	2.06E-01	0.00E+00	0.00E+00
1.69E+01	8.76E-01	9.48E+00	1.24E+00	1.76E+00	3.03E-01	3.14E+00	1.62E-01	2.12E+01	2.75E+00	1.30E+01	6.87E-01	7.40E+00	3.67E-01	0.00E+00	0.00E+00
1.91E+01	9.32E-01	1.00E+01	1.25E+00	1.86E+00	3.12E-01	3.61E+00	1.76E-01	1.77E+01	2.54E+00	1.28E+01	7.47E-01	7.46E+00	3.58E-01	0.00E+00	0.00E+00
1.26E+01	8.43E-01	7.30E+00	1.10E+00	2.07E+00	2.81E-01	2.41E+00	1.18E-01	1.60E+01	2.17E+00	8.06E+00	7.11E-01	4.76E+00	2.31E-01	0.00E+00	0.00E+00
1.88E+01	8.84E-01	6.87E+00	1.10E+00	1.74E+00	2.33E-01	3.76E+00	1.76E-01	1.90E+01	2.17E+00	1.10E+01	6.25E-01	6.82E+00	3.23E-01	0.00E+00	0.00E+00
2.35E+01	1.06E+00	8.58E+00	1.11E+00	1.82E+00	2.41E-01	4.70E+00	2.11E-01	2.11E+01	2.00E+00	1.33E+01	6.81E-01	8.28E+00	3.75E-01	0.00E+00	0.00E+00
2.19E+01	9.71E-01	7.99E+00	1.06E+00	2.20E+00	2.47E-01	4.37E+00	1.94E-01	2.21E+01	2.28E+00	1.21E+01	6.87E-01	7.59E+00	3.39E-01	0.00E+00	0.00E+00
1.68E+01	8.53E-01	9.62E+00	1.06E+00	2.67E+00	2.69E-01	3.35E+00	1.48E-01	2.87E+01	2.87E+00	9.22E+00	7.00E-01	5.77E+00	2.73E-01	0.00E+00	0.00E+00
1.11E+01	8.52E-01	1.05E+01	1.17E+00	3.09E+00	3.03E-01	2.21E+00	1.22E-01	2.95E+01	3.22E+00	6.07E+00	6.97E-01	3.80E+00	2.43E-01	0.00E+00	0.00E+00
6.58E+00	8.28E-01	1.00E+01	1.24E+00	3.15E+00	3.20E-01	1.31E+00	1.20E-01	2.68E+01	3.40E+00	5.37E+00	7.60E-01	2.25E+00	2.24E-01	0.00E+00	0.00E+00
5.46E+00	8.29E-01	9.50E+00	1.27E+00	3.26E+00	3.26E-01	9.86E-01	1.14E-01	2.90E+01	3.45E+00	4.93E+00	7.83E-01	2.01E+00	2.17E-01	0.00E+00	0.00E+00
4.27E+00	9.66E-01	6.40E+00	1.28E+00	2.31E+00	3.57E-01	5.84E-01	1.69E-01	1.25E+01	2.52E+00	3.79E+00	8.09E-01	1.18E+00	3.29E-01	0.00E+00	0.00E+00
3.91E+00	1.04E+00	6.48E+00	1.35E+00	2.18E+00	3.65E-01	6.04E-01	1.79E-01	1.31E+01	2.40E+00	3.60E+00	8.34E-01	1.07E+00	3.56E-01	0.00E+00	0.00E+00
4.05E+00	1.06E+00	5.98E+00	1.36E+00	1.95E+00	3.54E-01	6.08E-01	1.79E-01	1.34E+01	2.46E+00	3.30E+00	8.31E-01	1.07E+00	3.65E-01	0.00E+00	0.00E+00
4.15E+00	1.04E+00	5.58E+00	1.32E+00	2.26E+00	3.50E-01	6.28E-01	1.70E-01	1.32E+01	2.46E+00	3.37E+00	8.39E-01	1.11E+00	3.57E-01	0.00E+00	0.00E+00
4.63E+00	1.01E+00	6.74E+00	1.26E+00	2.69E+00	3.79E-01	6.56E-01	1.52E-01	1.23E+01	2.39E+00	3.91E+00	8.28E-01	1.14E+00	3.31E-01	0.00E+00	0.00E+00
4.80E+00	1.02E+00	7.56E+00	1.34E+00	2.82E+00	3.86E-01	6.24E-01	1.52E-01	1.33E+01	2.19E+00	4.23E+00	8.49E-01	1.20E+00	2.75E-01	0.00E+00	0.00E+00
4.47E+00	9.75E-01	7.59E+00	1.35E+00	2.57E+00	3.65E-01	7.18E-01	1.40E-01	1.51E+01	1.96E+00	4.10E+00	8.23E-01	1.29E+00	2.68E-01	0.00E+00	0.00E+00
5.25E+00	8.78E-01	6.62E+00	1.24E+00	2.48E+00	3.39E-01	1.05E+00	1.38E-01	1.53E+01	1.80E+00	3.60E+00	7.37E-01	1.91E+00	2.77E-01	0.00E+00	0.00E+00
6.22E+00	8.71E-01	6.84E+00	1.16E+00	2.45E+00	3.21E-01	1.24E+00	1.45E-01	1.45E+01	1.78E+00	3.93E+00	7.00E-01	2.32E+00	2.74E-01	0.00E+00	0.00E+00
5.57E+00	1.03E+00	6.86E+00	1.23E+00	2.61E+00	3.82E-01	1.11E+00	1.74E-01	1.57E+01	1.75E+00	4.03E+00	8.28E-01	2.12E+00	3.33E-01	0.00E+00	0.00E+00
5.16E+00	1.25E+00	7.85E+00	1.50E+00	2.45E+00	4.02E-01	8.17E-01	1.86E-01	1.94E+01	2.54E+00	4.64E+00	1.04E+00	1.39E+00	3.66E-01	0.00E+00	0.00E+00
5.45E+00	1.32E+00	7.87E+00	1.87E+00	2.88E+00	3.50E-01	8.77E-01	1.91E-01	2.55E+01	3.94E+00	4.56E+00	1.19E+00	1.51E+00	4.37E-01	0.00E+00	0.00E+00
6.33E+00	1.17E+00	1.00E+01	1.84E+00	2.30E+00	2.30E-01	7.57E-01	1.31E-01	2.70E+01	5.56E+00	6.27E+00	1.14E+00	1.75E+00	3.41E-01	0.00E+00	0.00E+00
7.57E+00	1.15E+00	1.09E+01	1.80E+00	3.43E+00	3.59E-01	1.15E+00	1.70E-01	4.74E+01	7.33E+00	6.65E+00	1.16E+00	1.94E+00	3.39E-01	0.00E+00	0.00E+00
9.31E+00	1.25E+00	1.51E+01	1.78E+00	2.43E+00	2.81E-01	8.25E-01	1.80E-01	5.94E+01	6.16E+00	9.81E+00	1.14E+00	1.65E+00	3.91E-01	0.00E+00	0.00E+00
4.93E+00	8.25E-01	8.20E+00	1.07E+00	2.17E+00	2.03E-01	7.30E-01	1.19E-01	3.91E+01	2.92E+00	5.09E+00	7.57E-01	1.53E+00	2.72E-01	0.00E+00	0.00E+00
5.47E+00	7.86E-01	7.25E+00	8.47E-01	1.76E+00	2.18E-01	7.95E-01	1.07E-01	1.82E+01	1.87E+00	4.87E+00	7.45E-01	1.60E+00	2.87E-01	0.00E+00	0.00E+00
5.50E+00	8.46E-01	8.92E+00	1.44E+00	1.63E+00	2.03E-01	1.01E+00	8.61E-02	2.98E+01	4.47E+00	5.64E+00	9.15E-01	1.97E+00	2.40E-01	0.00E+00	0.00E+00
6.09E+00	1.15E+00	9.98E+00	1.60E+00	1.78E+00	1.77E-01	8.86E-01	1.07E-01	3.43E+01	5.48E+00	6.40E+00	1.15E+00	1.78E+00	2.52E-01	0.00E+00	0.00E+00
6.02E+00	6.26E-01	1.03E+01	7.30E-01	1.82E+00	2.30E-01	9.10E-01	8.85E-02	3.50E+01	2.16E+00	6.41E+00	5.30E-01	1.83E+00	2.21E-01	0.00E+00	0.00E+00
5.02E+00	9.02E-01	8.63E+00	1.80E+00	1.70E+00	2.86E-01	9.18E-01	8.37E-02	3.69E+01	7.49E+00	5.72E+00	1.07E+00	2.19E+00	1.80E-01	0.00E+00	0.00E+00
9.73E+00	7.78E-01	8.75E+00	1.26E+00	1.74E+00	2.96E-01	1.78E+00	1.10E-01	3.53E+01	4.64E+00	8.47E+00	9.25E-01	4.71E+00	2.65E-01	0.00E+00	0.00E+00
1.33E+01	7.81E-01	8.56E+00	1.22E+00	1.87E+00	3.47E-01	2.41E+00	1.38E-01	1.73E+01	2.31E+00	1.00E+01	6.65E-01	5.60E+00	3.03E-01	0.00E+00	0.00E+00
1.16E+01	8.17E-01	7.07E+00	1.22E+00	1.72E+00	3.44E-01	2.12E+00	1.17E-01	1.54E+01	2.17E+00	7.93E+00	7.15E-01	4.51E+00	2.42E-01	0.00E+00	0.00E+00
9.22E+00	8.15E-01	6.38E+00	1.10E+00	2.08E+00	3.12E-01	1.84E+00	1.12E-01	1.30E+01	1.79E+00	5.83E+00	6.87E-01	3.53E+00	1.98E-01	0.00E+00	0.00E+00
1.70E+01	8.03E-01	6.34E+00	9.82E-01	2.05E+00	2.69E-01	3.39E+00	1.60E-01	1.27E+01	1.77E+00	9.97E+00	6.20E-01	6.19E+00	2.96E-01	0.00E+00	0.00E+00
2.18E+01	9.92E-01	7.95E+00	1.07E+00	1.89E+00	2.64E-01	4.35E+00	1.98E-01	1.44E+01	1.89E+00	1.24E+01	6.69E-01	7.75E+00	3.56E-01	0.00E+00	0.00E+00
2.13E+01	9.59E-01	7.78E+00	1.13E+00	2.18E+00	2.73E-01	4.26E+00	1.91E-01	2.02E+01	2.10E+00	1.20E+01	7.12E-01	7.48E+00	3.39E-01	0.00E+00	0.00E+00
1.74E+01	8.52E-01	8.14E+00	1.14E+00	2.82E+00	2.71E-01	3.47E+00	1.55E-01	2.11E+01	2.21E+00	9.67E+00	7.22E-01	6.04E+00	3.02E-01	0.00E+00	0.00E+00
1.25E+01	8.43E-01	8.12E+00	1.09E+00	2.86E+00	2.60E-01	2.50E+00	1.36E-01	2.47E+01	2.50E+00	6.92E+00	7.00E-01	4.33E+00	2.94E-01	0.00E+00	0.00E+00
8.02E+00	8.05E-01	9.21E+00	1.03E+00	2.59E+00	2.64E-01	1.60E+00	1.21E-01	2.69E+01	2.65E+00	4.75E+00	6.58E-01	2.77E+00	2.45E-01	0.00E+00	0.00E+00
4.03E+00	1.18E+00	6.72E+00	1.34E+00	1.96E+00	3.50E-01	5.89E-01	1.91E-01	1.46E+01	2.67E+00	3.57E+00	9.25E-01	1.16E+00	3.77E-01	0.00E+00	0.00E+00
4.03E+00	1.17E+00	5.90E+00	1.32E+00	2.06E+00	3.52E-01	5.94E-01	1.85E-01	1.36E+01	2.69E+00	3.42E+00	9.38E-01	1.17E+00	3.72E-01	0.00E+00	0.00E+00
4.28E+00	1.09E+00	6.28E+00	1.32E+00	2.37E+00	3.82E-01	5.86E-01	1.66E-01	1.17E+01	2.61E+00	3.66E+00	8.97E-01	1.10E+00	3.43E-01	0.00E+00	0.00E+00
4.55E+00	1.03E+00	7.09E+00	1.34E+00	2.55E+00	3.91E-01	6.18E-01	1.48E-01	1.38E+01	2.44E+00	4.02E+00	8.46E-01	1.19E+00	2.94E-01	0.00E+00	0.00E+00
4.52E+00	1.04E+00	7.53E+00	1.38E+00	2.53E+00	3.86E-01	6.49E-01	1.48E-01	1.61E+01	2.35E+00	4.14E+00	8.53E-01	1.25E+00	2.66E-01	0.00E+00	0.00E+00
4.19E+00	9.79E-01	7.28E+00	1.36E+00	2.26E+00	3.59E-01	7.71E-01	1.39E-01	1.75E+01	2.36E+00	3.93E+00	8.21E-01	1.40E+00	2.62E-01	0.00E+00	0.00E+00
5.29E+00	8.73E-01	6.69E+00	1.23E+00	2.56E+00	3.20E-01	1.06E+00	1.42E-01	1.65E+01	2.18E+00	3.94E+00	7.22E-01	1.94E+00	2.75E-01	0.00E+00	0.00E+00
6.13E+00	8.85E-01	7.08E+00	1.12E+00	2.49E+00	3.65E-01	1.23E+00	1.45E-01	1.30E+01	1.88E+00	4.00E+00	7.02E-01	2.29E+00	2.67E-01	0.00E+00	0.00E+00
5.56E+00	1.02E+00	6.83E+00	1.26E+00	2.73E+00	4.19E-01	1.11E+00	1.70E-01	1.49E+01	1.66E+00	3.97E+00	8.09E-01	2.12E+00	3.13E-01	0.00E+00	0.00E+00
5.08E+00	1.23E+00	7.79E+00	1.52E+00	2.71E+00	4.63E-01	8.03E-01	1.85E-01	1.53E+01	2.39E+00	4.49E+00	1.01E+00	1.40E+00	3.56E-01	0.00E+00	0.00E+00
5.38E+00	1.29E+00	7.77E+00	1.82E+00	2.99E+00	4.20E-01	8.34E-01	2.06E-01	2.09E+01	3.36E+00	4.60E+00	1.13E+00	1.36E+00	4.35E-01	0.00E+00	0.00E+00
6.17E+00	1.28E+00	9.34E+00	1.78E+00	2.60E+00	3.39E-01	8.18E-01	1.76E-01	2.19E+01	4.62E+00	5.70E+00	1.20E+00	1.69E+00	4.22E-01	0.00E+00	0.00E+00
5.53E+00	1.01E+00	9.70E+00	1.65E+00	2.82E+00	2.66E-01	9.08E-01	1.32E-01	3.52E+01	5.03E+00	5.91E+00	1.06E+00	1.46E+00	2.68E-01	0.00E+00	0.00E+00
7.87E+00	1.23E+00	1.10E+01	1.65E+00	2.89E+00	3.67E-01	9.00E-01	1.95E-01	4.31E+01	5.11E+00	7.22E+00	1.05E+00	1.66E+00	4.01E-01	0.00E+00	0.00E+00
6.91E+00	1.22E+00	1.16E+01	1.50E+00	2.19E+00	2.35E-01	7.70E-01	1.61E-01	4.89E+01	3.40E+00	7.46E+00	1.06E+00	1.47E+00	3.44E-01	0.00E+00	0.00E+00
4.88E+00	9.38E-01	6.71E+00	1.07E+00	1.95E+00	2.01E-01	6.71E-01	1.39E-01	1.58E+01	2.29E+00	4.41E+00	8.13E-01	1.38E+00	3.15E-01	0.00E+00	0.00E+00
5.05E+00	8.52E-01	6.73E+00	8.73E-01	1.69E+00	2.06E-01	7.25E-01	1.19E-01	1.64E+01	1.79E+00	4.46E+00	7.73E-01	1.46E+00	3.27E-01	0.00E+00	0.00E+00
5.44E+00	6.87E-01	7.28E+00	1.13E+00	1.52E+00	2.16E-01	1.09E+00	9.54E-02	2.00E+01	2.71E+00	4.55E+00	6.95E-01	2.15E+00	2.57E-01	0.00E+00	0.00E+00
6.04E+00	1.15E+00	8.63E+00	1.60E+00	1.45E+00	1.72E-01	1.03E+00	1.17E-01	2.90E+01	4.83E+00	5.96E+00	1.13E+00	1.89E+00	2.68E-01	0.00E+00	0.00E+00
5.39E+00	8.11E-01	8.88E+00	8.98E-01	1.74E+00	1.84E-01	8.30E-01	1.03E-01	2.54E+01	2.49E+00	5.07E+00	7.13E-01	1.67E+00	2.41E-01	0.00E+00	0.00E+00
5.43E+00	6.10E-01	7.57E+00	8.50E-01	1.79E+00	2.87E-01	8.41E-01	8.88E-02	2.79E+01	2.90E+00	5.27E+00	5.01E-01	1.70E+00	2.02E-01	0.00E+00	0.00E+00
6.11E+00	7.37E-01	6.44E+00	1.37E+00	1.89E+00	3.37E-01	1.13E+00	8.30E-02	2.19E+01	4.87E+00	5.13E+00	8.56E-01	2.86E+00	1.91E-01	0.00E+00	0.00E+00
8.79E+00	7.68E-01	6.66E+00	1.10E+00	1.80E+00	3.12E-01	1.58E+00	1.07E-01	2.35E+01	2.82E+00	6.77E+00	7.61E-01	3.74E+00	2.41E-01	0.00E+00	0.00E+00
9.54E+00	7.60E-01	6.14E+00	1.12E+00	1.80E+00	3.47E-01	1.72E+00	1.12E-01	1.42E+01	2.04E+00	6.75E+00	6.21E-01	3.79E+00	2.27E-01	0.00E+00	0.00E+00
8.74E+00	7.53E-01	5.98E+00	1.14E+00	1.69E+00	3.47E-01	1.62E+00	1.07E-01	1.33E+01	1.99E+00	6.02E+00	6.55E-01	3.46E+00	2.01E-01	0.00E+00	0.00E+00
9.16E+00	7.53E-01	5.44E+00	1.06E+00	1.98E+00	3.19E-01	1.83E+00	1.01E-01	1.19E+01	1.79E+00	5.61E+00	6.38E-01	3.47E+00	1.88E-01	0.00E+00	0.00E+00

Scenario 4 Results

1.56E+01	7.49E-01	6.41E+00	9.66E-01	2.14E+00	2.82E-01	3.11E+00	1.50E-01	1.29E+01	1.68E+00	9.18E+00	6.03E-01	5.70E+00	2.78E-01	0.00E+00	0.00E+00
1.94E+01	8.95E-01	7.06E+00	1.06E+00	1.98E+00	2.67E-01	3.87E+00	1.79E-01	1.34E+01	2.11E+00	1.11E+01	7.42E-01	6.94E+00	3.25E-01	0.00E+00	0.00E+00
1.99E+01	9.81E-01	7.25E+00	1.14E+00	1.91E+00	2.80E-01	3.97E+00	1.80E-01	1.67E+01	2.34E+00	1.13E+01	7.98E-01	7.03E+00	3.36E-01	0.00E+00	0.00E+00
1.72E+01	9.28E-01	7.58E+00	1.14E+00	2.38E+00	2.77E-01	3.43E+00	1.54E-01	2.09E+01	2.38E+00	9.64E+00	7.28E-01	6.02E+00	3.07E-01	0.00E+00	0.00E+00
1.29E+01	8.30E-01	7.97E+00	1.10E+00	2.79E+00	2.65E-01	2.58E+00	1.42E-01	2.07E+01	2.26E+00	7.21E+00	6.87E-01	4.51E+00	3.10E-01	0.00E+00	0.00E+00
3.86E+00	1.20E+00	5.82E+00	1.48E+00	2.05E+00	3.87E-01	5.95E-01	1.78E-01	1.23E+01	2.65E+00	3.30E+00	9.81E-01	1.13E+00	3.49E-01	0.00E+00	0.00E+00
4.16E+00	1.11E+00	6.52E+00	1.46E+00	2.29E+00	3.85E-01	6.68E-01	1.58E-01	1.35E+01	2.53E+00	3.69E+00	9.31E-01	1.21E+00	3.16E-01	0.00E+00	0.00E+00
4.26E+00	1.03E+00	7.01E+00	1.36E+00	2.31E+00	3.91E-01	6.92E-01	1.46E-01	1.56E+01	2.47E+00	3.89E+00	8.46E-01	1.24E+00	2.58E-01	0.00E+00	0.00E+00
4.21E+00	1.02E+00	6.93E+00	1.36E+00	2.06E+00	3.70E-01	7.08E-01	1.42E-01	1.70E+01	2.55E+00	3.80E+00	8.50E-01	1.29E+00	2.54E-01	0.00E+00	0.00E+00
4.39E+00	9.29E-01	6.23E+00	1.29E+00	2.28E+00	3.32E-01	7.97E-01	1.39E-01	1.67E+01	2.48E+00	3.83E+00	7.93E-01	1.45E+00	2.57E-01	0.00E+00	0.00E+00
5.33E+00	8.98E-01	7.00E+00	1.16E+00	2.47E+00	3.28E-01	1.07E+00	1.41E-01	1.51E+01	2.30E+00	4.02E+00	6.96E-01	1.96E+00	2.66E-01	0.00E+00	0.00E+00
5.91E+00	9.33E-01	7.31E+00	1.18E+00	2.56E+00	4.01E-01	1.18E+00	1.43E-01	1.62E+01	1.96E+00	4.10E+00	7.48E-01	2.21E+00	2.55E-01	0.00E+00	0.00E+00
5.38E+00	1.06E+00	7.26E+00	1.38E+00	2.73E+00	4.46E-01	1.08E+00	1.70E-01	1.69E+01	2.03E+00	4.18E+00	8.52E-01	2.05E+00	3.03E-01	0.00E+00	0.00E+00
5.03E+00	1.21E+00	7.73E+00	1.54E+00	2.72E+00	4.85E-01	7.62E-01	1.85E-01	1.49E+01	2.53E+00	4.43E+00	9.90E-01	1.48E+00	3.46E-01	0.00E+00	0.00E+00
5.14E+00	1.22E+00	7.33E+00	1.71E+00	2.75E+00	4.49E-01	7.42E-01	2.07E-01	1.78E+01	2.91E+00	4.30E+00	1.04E+00	1.23E+00	4.13E-01	0.00E+00	0.00E+00
5.75E+00	1.38E+00	8.45E+00	1.69E+00	2.95E+00	4.56E-01	7.68E-01	2.06E-01	1.77E+01	3.77E+00	5.05E+00	1.21E+00	1.41E+00	4.48E-01	0.00E+00	0.00E+00
5.51E+00	1.15E+00	9.20E+00	1.71E+00	2.24E+00	2.67E-01	8.23E-01	1.31E-01	2.71E+01	3.69E+00	5.47E+00	1.12E+00	1.82E+00	2.98E-01	0.00E+00	0.00E+00
6.42E+00	9.96E-01	8.48E+00	1.42E+00	2.83E+00	3.46E-01	9.11E-01	1.65E-01	2.97E+01	4.11E+00	5.40E+00	9.18E-01	1.50E+00	3.20E-01	0.00E+00	0.00E+00
7.10E+00	1.31E+00	1.07E+01	1.55E+00	2.47E+00	3.36E-01	8.00E-01	1.93E-01	3.47E+01	3.29E+00	6.91E+00	1.09E+00	1.45E+00	3.96E-01	0.00E+00	0.00E+00
5.02E+00	1.05E+00	7.08E+00	1.34E+00	1.86E+00	2.39E-01	7.41E-01	1.35E-01	3.00E+01	2.71E+00	4.53E+00	9.16E-01	1.43E+00	2.84E-01	0.00E+00	0.00E+00
4.69E+00	1.01E+00	6.59E+00	1.16E+00	1.84E+00	1.88E-01	6.85E-01	1.45E-01	1.29E+01	1.83E+00	3.98E+00	8.68E-01	1.37E+00	3.28E-01	0.00E+00	0.00E+00
4.60E+00	8.63E-01	6.26E+00	9.04E-01	1.70E+00	2.03E-01	6.57E-01	1.26E-01	1.49E+01	1.70E+00	4.05E+00	8.07E-01	1.32E+00	3.43E-01	0.00E+00	0.00E+00
5.43E+00	6.90E-01	6.77E+00	9.40E-01	1.53E+00	2.09E-01	1.08E+00	9.89E-02	1.49E+01	1.84E+00	4.12E+00	6.42E-01	2.16E+00	2.82E-01	0.00E+00	0.00E+00
5.74E+00	1.09E+00	8.13E+00	1.51E+00	1.62E+00	1.82E-01	1.15E+00	1.17E-01	2.45E+01	4.03E+00	5.43E+00	1.04E+00	2.15E+00	3.07E-01	0.00E+00	0.00E+00
5.57E+00	9.04E-01	7.84E+00	1.08E+00	1.86E+00	2.21E-01	7.52E-01	1.09E-01	2.21E+01	2.92E+00	5.27E+00	8.04E-01	1.51E+00	2.31E-01	0.00E+00	0.00E+00
5.40E+00	6.13E-01	8.68E+00	8.05E-01	1.72E+00	2.37E-01	7.63E-01	9.96E-02	2.38E+01	1.46E+00	5.26E+00	4.98E-01	1.54E+00	2.28E-01	0.00E+00	0.00E+00
4.64E+00	5.81E-01	6.35E+00	9.33E-01	1.60E+00	3.16E-01	9.02E-01	8.66E-02	2.17E+01	2.94E+00	3.98E+00	5.16E-01	2.03E+00	1.70E-01	0.00E+00	0.00E+00
6.62E+00	6.84E-01	5.87E+00	1.11E+00	1.94E+00	3.41E-01	1.22E+00	9.05E-02	1.58E+01	3.22E+00	4.92E+00	7.42E-01	2.78E+00	2.20E-01	0.00E+00	0.00E+00
7.82E+00	7.34E-01	5.84E+00	1.04E+00	1.82E+00	3.14E-01	1.44E+00	1.03E-01	1.68E+01	1.90E+00	5.62E+00	6.79E-01	3.19E+00	2.49E-01	0.00E+00	0.00E+00
7.85E+00	7.13E-01	5.43E+00	1.02E+00	1.66E+00	3.31E-01	1.46E+00	1.05E-01	1.43E+01	1.86E+00	5.58E+00	5.79E-01	3.19E+00	2.29E-01	0.00E+00	0.00E+00
6.99E+00	6.98E-01	5.48E+00	1.07E+00	1.56E+00	3.30E-01	1.31E+00	9.88E-02	1.44E+01	2.05E+00	4.93E+00	6.12E-01	2.84E+00	1.90E-01	0.00E+00	0.00E+00
8.64E+00	7.16E-01	5.08E+00	1.05E+00	1.78E+00	3.10E-01	1.73E+00	9.20E-02	1.20E+01	2.09E+00	5.26E+00	6.21E-01	3.26E+00	1.86E-01	0.00E+00	0.00E+00
1.36E+01	7.06E-01	6.38E+00	9.92E-01	2.03E+00	2.87E-01	2.73E+00	1.33E-01	1.45E+01	2.00E+00	8.07E+00	6.28E-01	5.01E+00	2.49E-01	0.00E+00	0.00E+00
1.72E+01	8.86E-01	6.73E+00	1.19E+00	2.04E+00	2.63E-01	3.44E+00	1.60E-01	1.54E+01	2.27E+00	9.99E+00	7.86E-01	6.22E+00	3.13E-01	0.00E+00	0.00E+00
1.77E+01	1.00E+00	6.47E+00	1.24E+00	1.81E+00	2.68E-01	3.54E+00	1.62E-01	1.63E+01	2.37E+00	1.02E+01	8.22E-01	6.33E+00	3.42E-01	0.00E+00	0.00E+00
1.57E+01	9.55E-01	6.44E+00	1.09E+00	1.81E+00	2.65E-01	3.14E+00	1.51E-01	1.66E+01	2.41E+00	8.91E+00	7.98E-01	5.56E+00	3.05E-01	0.00E+00	0.00E+00
4.40E+00	1.06E+00	6.14E+00	1.49E+00	2.03E+00	3.69E-01	6.78E-01	1.42E-01	1.42E+01	2.42E+00	3.59E+00	9.04E-01	1.17E+00	2.73E-01	0.00E+00	0.00E+00
4.54E+00	1.02E+00	6.40E+00	1.34E+00	2.12E+00	3.63E-01	7.16E-01	1.43E-01	1.56E+01	2.54E+00	3.87E+00	8.42E-01	1.24E+00	2.47E-01	0.00E+00	0.00E+00
4.62E+00	1.00E+00	6.56E+00	1.30E+00	2.28E+00	3.48E-01	7.48E-01	1.38E-01	1.61E+01	2.58E+00	3.98E+00	8.39E-01	1.31E+00	2.49E-01	0.00E+00	0.00E+00
4.77E+00	9.04E-01	6.89E+00	1.22E+00	2.45E+00	3.13E-01	7.78E-01	1.35E-01	1.52E+01	2.51E+00	4.24E+00	7.78E-01	1.42E+00	2.47E-01	0.00E+00	0.00E+00
5.04E+00	8.99E-01	7.20E+00	1.11E+00	2.24E+00	3.37E-01	1.01E+00	1.37E-01	1.53E+01	2.28E+00	4.15E+00	7.12E-01	1.87E+00	2.53E-01	0.00E+00	0.00E+00
5.69E+00	9.39E-01	6.94E+00	1.23E+00	2.48E+00	4.13E-01	1.14E+00	1.37E-01	1.76E+01	2.22E+00	3.93E+00	7.67E-01	2.13E+00	2.44E-01	0.00E+00	0.00E+00
5.30E+00	1.07E+00	7.36E+00	1.44E+00	2.64E+00	4.58E-01	1.06E+00	1.64E-01	1.71E+01	2.50E+00	4.19E+00	8.69E-01	2.01E+00	2.84E-01	0.00E+00	0.00E+00
5.06E+00	1.23E+00	7.89E+00	1.64E+00	2.74E+00	5.12E-01	7.76E-01	1.85E-01	1.70E+01	3.08E+00	4.51E+00	1.02E+00	1.50E+00	3.32E-01	0.00E+00	0.00E+00
5.16E+00	1.25E+00	7.44E+00	1.78E+00	2.78E+00	4.83E-01	7.25E-01	2.13E-01	1.90E+01	3.33E+00	4.34E+00	1.08E+00	1.37E+00	4.38E-01	0.00E+00	0.00E+00
5.27E+00	1.49E+00	7.62E+00	1.77E+00	2.91E+00	5.37E-01	7.62E-01	2.32E-01	1.68E+01	3.69E+00	4.50E+00	1.26E+00	1.48E+00	4.73E-01	0.00E+00	0.00E+00
5.43E+00	1.30E+00	8.41E+00	1.78E+00	2.14E+00	3.66E-01	9.34E-01	1.68E-01	2.07E+01	3.24E+00	4.95E+00	1.19E+00	1.81E+00	3.71E-01	0.00E+00	0.00E+00
5.06E+00	9.04E-01	6.95E+00	1.34E+00	2.76E+00	3.01E-01	7.69E-01	1.33E-01	2.37E+01	3.57E+00	4.91E+00	8.33E-01	1.29E+00	2.62E-01	0.00E+00	0.00E+00
6.52E+00	1.19E+00	9.38E+00	1.36E+00	2.79E+00	4.02E-01	7.82E-01	1.88E-01	2.39E+01	3.01E+00	5.83E+00	9.46E-01	1.31E+00	3.63E-01	0.00E+00	0.00E+00
5.56E+00	1.24E+00	8.79E+00	1.53E+00	2.33E+00	3.22E-01	7.02E-01	1.75E-01	3.09E+01	2.30E+00	5.58E+00	1.04E+00	1.30E+00	3.50E-01	0.00E+00	0.00E+00
5.06E+00	9.34E-01	6.58E+00	1.14E+00	1.84E+00	2.55E-01	7.15E-01	1.41E-01	1.78E+01	2.38E+00	4.31E+00	7.60E-01	1.34E+00	2.90E-01	0.00E+00	0.00E+00
4.50E+00	1.02E+00	6.33E+00	1.19E+00	1.88E+00	1.91E-01	7.32E-01	1.45E-01	1.18E+01	1.63E+00	3.80E+00	8.70E-01	1.48E+00	3.25E-01	0.00E+00	0.00E+00
4.35E+00	9.15E-01	5.83E+00	9.66E-01	1.79E+00	2.12E-01	5.93E-01	1.36E-01	1.35E+01	1.54E+00	3.71E+00	8.25E-01	1.21E+00	3.53E-01	0.00E+00	0.00E+00
5.25E+00	6.89E-01	6.34E+00	8.84E-01	1.65E+00	2.07E-01	1.05E+00	1.08E-01	1.28E+01	1.56E+00	3.77E+00	6.59E-01	2.09E+00	3.12E-01	0.00E+00	0.00E+00
6.03E+00	9.95E-01	7.48E+00	1.39E+00	1.84E+00	2.14E-01	1.20E+00	1.23E-01	2.12E+01	3.24E+00	4.95E+00	9.31E-01	2.29E+00	3.33E-01	0.00E+00	0.00E+00
5.18E+00	9.43E-01	7.79E+00	1.17E+00	1.73E+00	2.28E-01	6.77E-01	1.15E-01	1.95E+01	2.94E+00	4.84E+00	8.33E-01	1.36E+00	2.36E-01	0.00E+00	0.00E+00
4.46E+00	6.77E-01	7.67E+00	7.79E-01	1.90E+00	2.32E-01	6.87E-01	1.07E-01	1.84E+01	1.51E+00	4.27E+00	5.49E-01	1.39E+00	2.42E-01	0.00E+00	0.00E+00
4.71E+00	5.82E-01	6.51E+00	7.38E-01	1.54E+00	2.59E-01	6.96E-01	8.83E-02	1.63E+01	1.19E+00	4.32E+00	4.72E-01	1.59E+00	1.89E-01	0.00E+00	0.00E+00
5.09E+00	5.68E-01	4.90E+00	9.44E-01	1.58E+00	3.20E-01	9.51E-01	7.89E-02	1.39E+01	2.45E+00	3.80E+00	5.46E-01	2.17E+00	1.75E-01	0.00E+00	0.00E+00
6.15E+00	6.79E-01	5.40E+00	1.01E+00	2.00E+00	3.33E-01	1.14E+00	1.02E-01	1.19E+01	2.29E+00	4.52E+00	6.83E-01	2.57E+00	2.41E-01	0.00E+00	0.00E+00
6.46E+00	7.05E-01	6.07E+00	9.96E-01	1.91E+00	3.07E-01	1.20E+00	1.10E-01	1.59E+01	1.69E+00	4.70E+00	6.55E-01	2.68E+00	2.58E-01	0.00E+00	0.00E+00
6.02E+00	6.86E-01	6.27E+00	9.78E-01	1.64E+00	3.06E-01	1.12E+00	1.03E-01	1.73E+01	2.02E+00	4.33E+00	5.65E-01	2.47E+00	2.33E-01	0.00E+00	0.00E+00
5.76E+00	6.64E-01	5.62E+00	1.03E+00	1.46E+00	3.09E-01	1.05E+00	9.16E-02	1.58E+01	2.23E+00	4.11E+00	5.92E-01	2.25E+00	1.91E-01	0.00E+00	0.00E+00
7.73E+00	6.92E-01	4.99E+00	1.04E+00	1.55E+00	3.04E-01	1.55E+00	8.96E-02	1.26E+01	2.26E+00	4.71E+00	6.10E-01	2.92E+00	1.91E-01	0.00E+00	0.00E+00
1.18E+01	7.05E-01	5.83E+00	1.07E+00	1.85E+00	2.89E-01	2.37E+00	1.16E-01	1.43E+01	2.22E+00	7.04E+00	6.60E-01	4.37E+00	2.32E-01	0.00E+00	0.00E+00
1.46E+01	8.80E-01	6.40E+00	1.28E+00	1.89E+00	2.61E-01	2.92E+00	1.37E-01	1.62E+01	2.75E+00	8.53E+00	7.80E-01	5.30E+00	2.89E-01	0.00E+00	0.00E+00
1.53E+01	9.80E-01	6.71E+00	1.35E+00	1.82E+00	2.46E-01	3.05E+00	1.51E-01	1.73E+01	2.83E+00	8.80E+00	8.21E-01	5.48E+00	3.29E-01	0.00E+00	0.00E+00
4.88E+00	1.02E+00	7.08E+00	1.28E+00	2.44E+00	3.35E-01	7.28E-01	1.42E-01	1.47E+01	2.55E+00	4.11E+00	8.41E-01	1.22E+00	2.49E-01	0.00E+00	0.00E+00
5.04E+00	9.83E-01	7.50E+00	1.25E+00	2.61E+00	3.15E-01	7.44E-01	1.35E-01	1.64E+01	2.53E+00	4.34E+00	8.26E-01	1.25E+00	2.48E-01	0.00E+00	0.00E+00
4.99E+00	8.71E-01	7.68E+00	1.16E+00	2.48E+00	3.04E-01	7.64E-01	1.29E-01	1.70E+01	2.41E+00	4.56E+00	7.51E-01	1.40E+00	2.32E-01	0.00E+00	0.00E+00
4.70E+00	8.85E-01	7.55E+00	1.11E+00	2.13E+00	3.50E-01	9.40E-01	1.30E-01	1.82E+01	2.29E+00	4.29E+00	7.13E-01	1.74E+00	2.35E-01	0.00E+00	0.00E+00
5.20E+00	9.25E-01	6.75E+00	1.26E+00	2.36E+00	4.14E-01	1.04E+00	1.35E-01	1.91E+01	2.42E+00	3.89E+00	7.72E-01	1.95E+00	2.45E-01	0.00E+00	0.00E+00
4.98E+00	1.07E+00	7.18E+00	1.44E+00	2.46E+00	4.54E-01	9.95E-01	1.59E-01	1.66E+01	2.76E+00	4.11E+00	8.69E-01	1.90E+00	2.73E-01	0.00E+00	0.00E+00
4.97E+00	1.24E+00	7.73E+00	1.69E+00	2.63E+00	5.22E-01	7.81E-01	1.83E-01	1.75E+01	3.34E+00	4.42E+00	1.04E+00	1.51E+00	3.19E-01	0.00E+00	0.00E+00
5.10E+00	1.30E+00	7.70E+00	1.85E+00	2.75E+00	5.08E-01	7.47E-01	2.19E-01	1.97E+01	3.73E+00	4.40E+00	1.11E+00	1.43E+00	4.53E-01	0.00E+00	0.00E+00
5.20E+00	1.58E+00	7.84E+00	1.87E+00	2.71E+00	5.96E-01	8.59E-01	2.48E-01	1.84E+01	4.16E+00	4.50E+00	1.31E+00	1.54E+00	4.82E-01	0.00E+00	0.00E+00
5.30E+00	1.56E+00	8.29E+00	2.06E+00	2.40E+00	4.99E-01	9.43E-01	2.13E-01	1.92E+01	3.75E+00	4.84E+00	1.37E+00	1.65E+00	4.39E-01	0.00E+00	0.00E+00
5.97E+00	1.09E+00	7.46E+00	1.63E+00	2.19E+00	3.00E-01	8.24E-01	1.32E-01	2.26E+01	3.67E+00	5.26E+00	1.04E+00	1.65E+00	2.74E-01	0.00E+00	0.00E+00
5.51E+00	9.82E-01	7.68E+00	1.20E+00	2.73E+00	3.82E-01	7.65E-01	1.64E-01	2.28E+01	2.71E+00	4.65E+00	7.66E-01	1.18E+00	2.99E-01	0.00E+00	0.00E+00
5.90E+00	1.25E+00	8.87E+00	1.49E+00	2.70E+00	4.10E-01	7.29E-01	1.91E-01	2.45E+01	2.21E+00	5.47E+00	1.01E+00	1.27E+00	3.66E-01	0.00E+00	0.00E+00
4.60E+00	1.10E+00	6.44E+00	1.39E+00	2.38E+00	2.86E-01	6.50E-01	1.50E-01	2.36E+01	2.25E+00	4.05E+00	9.21E-01	1.22E+00	2.94E-01	0.00E+00	0.00E+00
4.64E+00	9.32E-01	6.10E+00	1.07E+00	1.84E+00	2.75E-01	6.38E-01	1.40E-01	1.12E+01	1.96E+00	4.00E+00	7.36E-01	1.28E+00	2.82E-01	0.00E+00	0.00E+00
4.32E+00	1.01E+00	5.82E+00	1.16E+00	1.86E+00	1.96E-01	7.55E-01	1.45E-01	1.16E+01	1.54E+00	3.53E+00	8.46E-01	1.54E+00	3.17E-01	0.00E+00	0.00E+00
3.99E+00	9.61E-01	5.43E+00	9.98E-01	1.78E+00	2.07E-01	5.69E-01	1.46E-01	1.21E+01	1.36E+00	3.36E+00	8.26E-01	1.28E+00	3.59E-01	0.00E+00	0.00E+00
5.01E+00	7.77E-01	5.78E+00	8.75E-01	1.69E+00	2.05E-01	1.00E+00	1.23E-01	1.12E+01	1.40E+00	3.44E+00	6.98E-01	2.00E+00	3.33E-01	0.00E+00	0.00E+00
6.09E+00	8.93E-01	6.68E+00	1.23E+00	1.74E+00	2.32E-01	1.22E+00	1.31E-01	1.71E+01	2.46E+00	4.31E+00	8.12E-01	2.33E+00	3.41E-01	0.00E+00	0.00E+00
4.50E+00	9.38E-01	7.00E+00	1.16E+00	1.75E+00	2.18E-01	8.10E-01	1.19E-01	1.56E+01	2.65E+00	4.10E+00	8.16E-01	1.49E+00	2.40E-01	0.00E+00	0.00E+00
4.56E+00	7.08E-01	6.08E+00	7.58E-01	1.98E+00	2.40E-01	6.16E-01	1.10E-01	1.41E+01	1.72E+00	4.03E+00	5.73E-01	1.24E+00	2.45E-01	0.00E+00	0.00E+00
4.60E+00	6.02E-01	7.06E+00	7.54E-01	1.67E+00	2.23E-01	6.18E-01	1.01E-01	1.65E+01	9.94E-01	4.23E+00	4.58E-01	1.24E+00	2.15E-01	0.00E+00	0.00E+00
4.10E+00	5.36E-01	5.06E+00	7.17E-01	1.73E+00	2.67E-01	7.84E-01	7.82E-02	1.30E+01	1.45E+00	3.45E+00	4.31E-01	1.64E+00	1.53E-01	0.00E+00	0.00E+00
5.15E+00	6.64E-01	4.96E+00	1.03E+00	1.73E+00	3.12E-01	8.96E-01	9.17E-02	1.17E+01	2.50E+00	3.57E+00	6.21E-01	1.96E+00	2.09E-01	0.00E+00	0.00E+00
6.40E+00	7.53E-01	6.33E+00	1.04E+00	2.01E+00	3.16E-01	1.12E+00	1.10E-01	1.64E+01	2.47E+00	4.22E+00	7.32E-01	2.30E+00	2.52E-01	0.00E+00	0.00E+00
6.10E+00	7.30E-01	6.95E+00	9.73E-01	1.90E+00	2.91E-01	1.12E+00	1.12E-01	1.91E+01	1.78E+00	3.86E+00	6.58E-01	2.19E+00	2.53E-01	0.00E+00	0.00E+00
4.56E+00	6.69E-01	6.68E+00	9.36E-01	1.64E+00	2.85E-01	8.50E-01	1.03E-01	1.88E+01	2.11E+00	3.59E+00	5.57E-01	1.80E+00	2.29E-01	0.00E+00	0.00E+00
5.86E+00	6.35E-01	5.71E+00	9.97E-01	1.39E+00	2.98E-01	1.07E+00	9.05E-02	1.61E+01	2.27E+00	4.17E+00	5.72E-01	2.29E+00	1.95E-01	0.00E+00	0.00E+00

Scenario 4 Results

6.94E+00	6.51E-01	5.09E+00	9.98E-01	1.43E+00	2.90E-01	1.39E+00	8.61E-02	1.30E+01	2.29E+00	4.37E+00	5.83E-01	2.61E+00	1.87E-01	0.00E+00	0.00E+00
1.02E+01	7.12E-01	5.74E+00	1.11E+00	1.56E+00	2.69E-01	2.04E+00	1.05E-01	1.42E+01	2.30E+00	6.06E+00	6.57E-01	3.76E+00	2.25E-01	0.00E+00	0.00E+00
1.26E+01	8.81E-01	6.31E+00	1.24E+00	1.66E+00	2.42E-01	2.51E+00	1.19E-01	1.61E+01	2.86E+00	7.35E+00	7.76E-01	4.57E+00	2.67E-01	0.00E+00	0.00E+00
5.16E+00	9.40E-01	7.57E+00	1.19E+00	2.68E+00	3.11E-01	6.99E-01	1.29E-01	1.71E+01	2.43E+00	4.53E+00	7.94E-01	1.19E+00	2.42E-01	0.00E+00	0.00E+00
5.01E+00	8.56E-01	8.13E+00	1.18E+00	2.42E+00	2.96E-01	7.39E-01	1.24E-01	1.87E+01	2.44E+00	4.68E+00	7.49E-01	1.36E+00	2.22E-01	0.00E+00	0.00E+00
4.56E+00	8.53E-01	7.46E+00	1.13E+00	1.96E+00	3.44E-01	9.11E-01	1.22E-01	2.01E+01	2.41E+00	4.22E+00	7.19E-01	1.69E+00	2.17E-01	0.00E+00	0.00E+00
4.91E+00	8.90E-01	6.42E+00	1.25E+00	2.21E+00	3.98E-01	9.82E-01	1.30E-01	1.90E+01	2.45E+00	3.70E+00	7.58E-01	1.84E+00	2.43E-01	0.00E+00	0.00E+00
5.02E+00	1.06E+00	6.98E+00	1.42E+00	2.42E+00	4.63E-01	9.25E-01	1.53E-01	1.67E+01	2.94E+00	4.14E+00	8.75E-01	1.76E+00	2.64E-01	0.00E+00	0.00E+00
4.77E+00	1.21E+00	7.49E+00	1.70E+00	2.55E+00	5.25E-01	7.54E-01	1.76E-01	1.77E+01	3.45E+00	4.28E+00	1.03E+00	1.45E+00	3.24E-01	0.00E+00	0.00E+00
5.17E+00	1.40E+00	7.59E+00	1.85E+00	2.58E+00	5.22E-01	8.20E-01	2.39E-01	1.95E+01	3.93E+00	4.34E+00	1.10E+00	1.47E+00	4.69E-01	0.00E+00	0.00E+00
5.32E+00	1.61E+00	7.74E+00	1.92E+00	2.92E+00	6.34E-01	8.86E-01	2.53E-01	1.85E+01	4.33E+00	4.45E+00	1.32E+00	1.49E+00	4.92E-01	0.00E+00	0.00E+00
5.74E+00	1.69E+00	8.29E+00	2.23E+00	2.48E+00	6.01E-01	8.26E-01	2.36E-01	1.89E+01	4.07E+00	5.23E+00	1.46E+00	1.50E+00	4.61E-01	0.00E+00	0.00E+00
6.47E+00	1.40E+00	7.64E+00	2.03E+00	2.49E+00	3.79E-01	9.96E-01	1.62E-01	2.27E+01	4.21E+00	5.32E+00	1.29E+00	1.80E+00	3.38E-01	0.00E+00	0.00E+00
5.63E+00	9.69E-01	8.32E+00	1.36E+00	2.47E+00	3.42E-01	6.39E-01	1.42E-01	2.34E+01	3.64E+00	5.43E+00	8.88E-01	1.16E+00	2.62E-01	0.00E+00	0.00E+00
5.54E+00	1.18E+00	8.16E+00	1.38E+00	2.45E+00	4.52E-01	7.16E-01	1.87E-01	2.03E+01	2.60E+00	4.93E+00	9.31E-01	1.26E+00	3.42E-01	0.00E+00	0.00E+00
4.88E+00	1.24E+00	7.62E+00	1.54E+00	2.37E+00	4.01E-01	6.99E-01	1.81E-01	2.36E+01	2.02E+00	4.70E+00	1.01E+00	1.21E+00	3.41E-01	0.00E+00	0.00E+00
4.20E+00	9.40E-01	5.65E+00	1.20E+00	2.26E+00	2.88E-01	6.45E-01	1.38E-01	1.66E+01	2.13E+00	3.43E+00	7.90E-01	1.09E+00	2.64E-01	0.00E+00	0.00E+00
4.14E+00	8.95E-01	5.43E+00	1.04E+00	1.91E+00	2.85E-01	5.80E-01	1.34E-01	1.30E+01	1.60E+00	3.54E+00	7.05E-01	1.31E+00	2.65E-01	0.00E+00	0.00E+00
4.23E+00	1.00E+00	5.58E+00	1.14E+00	1.84E+00	1.97E-01	7.68E-01	1.47E-01	1.29E+01	1.47E+00	3.42E+00	8.28E-01	1.58E+00	3.24E-01	0.00E+00	0.00E+00
3.76E+00	9.91E-01	5.13E+00	1.01E+00	1.75E+00	2.01E-01	5.99E-01	1.54E-01	1.12E+01	1.21E+00	3.12E+00	8.35E-01	1.33E+00	3.67E-01	0.00E+00	0.00E+00
4.86E+00	8.49E-01	5.36E+00	8.62E-01	1.68E+00	2.04E-01	9.71E-01	1.36E-01	1.03E+01	1.29E+00	3.19E+00	7.39E-01	1.93E+00	3.55E-01	0.00E+00	0.00E+00
6.09E+00	8.87E-01	6.02E+00	1.10E+00	1.55E+00	2.42E-01	1.22E+00	1.36E-01	1.40E+01	1.90E+00	3.79E+00	7.83E-01	2.35E+00	3.43E-01	0.00E+00	0.00E+00
4.59E+00	9.27E-01	6.18E+00	1.13E+00	1.95E+00	2.07E-01	9.17E-01	1.23E-01	1.43E+01	2.33E+00	3.87E+00	7.95E-01	1.71E+00	2.76E-01	0.00E+00	0.00E+00
4.59E+00	7.22E-01	6.34E+00	8.34E-01	1.82E+00	2.34E-01	5.58E-01	1.09E-01	1.43E+01	1.80E+00	4.06E+00	6.02E-01	1.11E+00	2.45E-01	0.00E+00	0.00E+00
4.12E+00	6.69E-01	6.75E+00	7.41E-01	1.98E+00	2.36E-01	5.53E-01	1.08E-01	1.47E+01	1.08E+00	3.78E+00	5.23E-01	1.11E+00	2.30E-01	0.00E+00	0.00E+00
4.38E+00	5.39E-01	6.19E+00	7.26E-01	1.56E+00	2.06E-01	6.11E-01	8.49E-02	1.47E+01	1.10E+00	3.93E+00	4.43E-01	1.29E+00	1.75E-01	0.00E+00	0.00E+00
4.45E+00	5.86E-01	5.39E+00	8.51E-01	1.76E+00	2.63E-01	8.55E-01	7.39E-02	1.45E+01	2.02E+00	3.43E+00	5.18E-01	1.57E+00	1.58E-01	0.00E+00	0.00E+00
5.73E+00	7.23E-01	6.20E+00	1.06E+00	1.97E+00	2.93E-01	9.59E-01	1.00E-01	1.59E+01	2.58E+00	3.89E+00	6.69E-01	2.04E+00	2.20E-01	0.00E+00	0.00E+00
6.42E+00	7.78E-01	7.18E+00	1.03E+00	2.05E+00	2.96E-01	1.13E+00	1.12E-01	1.95E+01	2.38E+00	4.20E+00	7.30E-01	2.30E+00	2.48E-01	0.00E+00	0.00E+00
5.62E+00	7.46E-01	7.33E+00	9.47E-01	1.92E+00	2.79E-01	1.03E+00	1.13E-01	2.05E+01	1.86E+00	4.04E+00	6.59E-01	2.01E+00	2.49E-01	0.00E+00	0.00E+00
4.75E+00	6.44E-01	6.69E+00	8.86E-01	1.63E+00	2.65E-01	8.34E-01	1.05E-01	1.89E+01	2.08E+00	3.59E+00	5.40E-01	1.88E+00	2.25E-01	0.00E+00	0.00E+00
5.89E+00	5.82E-01	5.62E+00	9.32E-01	1.30E+00	2.69E-01	1.07E+00	9.27E-02	1.57E+01	2.23E+00	4.20E+00	5.31E-01	2.31E+00	1.95E-01	0.00E+00	0.00E+00
6.35E+00	5.92E-01	5.18E+00	9.61E-01	1.35E+00	2.58E-01	1.24E+00	8.45E-02	1.33E+01	2.22E+00	4.36E+00	5.30E-01	2.45E+00	1.82E-01	0.00E+00	0.00E+00
8.92E+00	7.27E-01	5.45E+00	1.17E+00	1.38E+00	2.41E-01	1.78E+00	1.04E-01	1.35E+01	2.16E+00	5.31E+00	6.66E-01	3.29E+00	2.16E-01	0.00E+00	0.00E+00
4.70E+00	8.26E-01	7.87E+00	1.15E+00	2.18E+00	2.90E-01	6.85E-01	1.17E-01	1.89E+01	2.41E+00	4.49E+00	7.28E-01	1.26E+00	2.08E-01	0.00E+00	0.00E+00
4.37E+00	8.21E-01	6.98E+00	1.10E+00	1.84E+00	3.29E-01	8.35E-01	1.15E-01	2.01E+01	2.41E+00	3.91E+00	6.91E-01	1.55E+00	2.08E-01	0.00E+00	0.00E+00
4.63E+00	8.40E-01	6.11E+00	1.19E+00	2.13E+00	3.66E-01	9.24E-01	1.26E-01	1.77E+01	2.40E+00	3.71E+00	7.21E-01	1.73E+00	2.33E-01	0.00E+00	0.00E+00
5.07E+00	1.01E+00	6.92E+00	1.37E+00	2.45E+00	4.42E-01	8.97E-01	1.40E-01	1.57E+01	2.91E+00	4.25E+00	8.43E-01	1.70E+00	2.50E-01	0.00E+00	0.00E+00
4.85E+00	1.16E+00	7.56E+00	1.65E+00	2.31E+00	5.06E-01	7.74E-01	1.73E-01	1.69E+01	3.36E+00	4.40E+00	9.94E-01	1.42E+00	3.17E-01	0.00E+00	0.00E+00
5.37E+00	1.47E+00	7.37E+00	1.83E+00	2.71E+00	5.33E-01	8.55E-01	2.50E-01	1.89E+01	4.03E+00	4.39E+00	1.11E+00	1.46E+00	4.75E-01	0.00E+00	0.00E+00
5.33E+00	1.67E+00	7.83E+00	1.91E+00	2.99E+00	6.43E-01	8.69E-01	2.61E-01	1.86E+01	4.40E+00	4.79E+00	1.34E+00	1.39E+00	5.21E-01	0.00E+00	0.00E+00
6.14E+00	1.75E+00	8.73E+00	2.29E+00	3.00E+00	6.67E-01	8.43E-01	2.49E-01	1.87E+01	4.15E+00	5.40E+00	1.49E+00	1.49E+00	4.66E-01	0.00E+00	0.00E+00
6.08E+00	1.58E+00	8.49E+00	2.26E+00	2.71E+00	5.02E-01	9.88E-01	1.93E-01	2.33E+01	4.41E+00	5.16E+00	1.42E+00	1.68E+00	3.78E-01	0.00E+00	0.00E+00
6.44E+00	1.11E+00	8.82E+00	1.73E+00	1.95E+00	3.14E-01	7.91E-01	1.34E-01	2.24E+01	4.43E+00	5.81E+00	1.07E+00	1.49E+00	2.62E-01	0.00E+00	0.00E+00
4.77E+00	1.05E+00	7.12E+00	1.29E+00	2.54E+00	4.28E-01	6.76E-01	1.65E-01	2.51E+01	3.10E+00	4.52E+00	8.44E-01	1.27E+00	2.90E-01	0.00E+00	0.00E+00
5.25E+00	1.26E+00	7.92E+00	1.57E+00	2.43E+00	4.74E-01	6.78E-01	1.90E-01	2.13E+01	2.17E+00	4.77E+00	1.02E+00	1.26E+00	3.47E-01	0.00E+00	0.00E+00
4.43E+00	1.16E+00	6.28E+00	1.50E+00	2.10E+00	3.71E-01	6.28E-01	1.61E-01	2.06E+01	2.44E+00	3.79E+00	9.71E-01	1.08E+00	3.20E-01	0.00E+00	0.00E+00
4.20E+00	9.23E-01	5.75E+00	1.09E+00	2.10E+00	3.03E-01	6.12E-01	1.41E-01	1.25E+01	2.19E+00	3.49E+00	7.25E-01	1.01E+00	2.65E-01	0.00E+00	0.00E+00
3.85E+00	8.65E-01	5.57E+00	1.03E+00	1.99E+00	3.02E-01	5.85E-01	1.28E-01	1.49E+01	1.46E+00	3.46E+00	6.86E-01	1.28E+00	2.46E-01	0.00E+00	0.00E+00
4.12E+00	9.95E-01	5.52E+00	1.14E+00	1.86E+00	2.12E-01	7.50E-01	1.52E-01	1.42E+01	1.49E+00	3.37E+00	8.19E-01	1.56E+00	3.34E-01	0.00E+00	0.00E+00
3.68E+00	1.02E+00	4.81E+00	1.07E+00	1.64E+00	1.85E-01	6.13E-01	1.58E-01	1.09E+01	1.18E+00	2.99E+00	8.53E-01	1.35E+00	3.69E-01	0.00E+00	0.00E+00
4.58E+00	8.94E-01	5.00E+00	8.68E-01	1.59E+00	2.32E-01	9.16E-01	1.42E-01	1.03E+01	1.25E+00	2.99E+00	7.68E-01	1.83E+00	3.61E-01	0.00E+00	0.00E+00
5.88E+00	9.21E-01	5.55E+00	1.05E+00	1.53E+00	2.56E-01	1.17E+00	1.40E-01	1.19E+01	1.67E+00	3.69E+00	8.03E-01	2.28E+00	3.39E-01	0.00E+00	0.00E+00
4.85E+00	9.35E-01	5.66E+00	1.16E+00	2.00E+00	2.35E-01	9.69E-01	1.28E-01	1.35E+01	2.31E+00	3.71E+00	8.03E-01	1.82E+00	3.04E-01	0.00E+00	0.00E+00
4.56E+00	7.89E-01	6.77E+00	9.51E-01	1.77E+00	2.18E-01	5.36E-01	1.05E-01	1.53E+01	2.10E+00	4.08E+00	6.66E-01	9.92E-01	2.27E-01	0.00E+00	0.00E+00
4.22E+00	7.42E-01	6.27E+00	7.86E-01	2.01E+00	2.34E-01	5.02E-01	1.14E-01	1.69E+01	1.43E+00	3.74E+00	5.95E-01	1.01E+00	2.56E-01	0.00E+00	0.00E+00
4.37E+00	5.88E-01	6.77E+00	7.44E-01	1.70E+00	2.20E-01	5.57E-01	9.39E-02	1.63E+01	1.28E+00	4.00E+00	4.54E-01	1.14E+00	1.92E-01	0.00E+00	0.00E+00
3.95E+00	5.22E-01	5.27E+00	7.68E-01	1.64E+00	2.08E-01	6.78E-01	7.12E-02	1.32E+01	1.26E+00	3.48E+00	4.33E-01	1.26E+00	1.39E-01	0.00E+00	0.00E+00
4.65E+00	6.66E-01	5.82E+00	9.42E-01	1.90E+00	2.56E-01	8.96E-01	8.67E-02	1.47E+01	2.26E+00	3.54E+00	5.75E-01	1.68E+00	1.82E-01	0.00E+00	0.00E+00
5.91E+00	7.54E-01	7.06E+00	1.11E+00	2.11E+00	2.82E-01	1.00E+00	1.07E-01	1.89E+01	2.66E+00	4.12E+00	7.14E-01	2.11E+00	2.28E-01	0.00E+00	0.00E+00
5.99E+00	8.10E-01	7.64E+00	1.06E+00	2.11E+00	2.82E-01	1.06E+00	1.15E-01	2.11E+01	2.46E+00	4.31E+00	7.43E-01	2.14E+00	2.48E-01	0.00E+00	0.00E+00
5.02E+00	7.46E-01	7.47E+00	9.07E-01	1.94E+00	2.61E-01	9.14E-01	1.14E-01	2.09E+01	1.92E+00	4.09E+00	6.52E-01	1.80E+00	2.45E-01	0.00E+00	0.00E+00
4.86E+00	6.31E-01	6.69E+00	8.22E-01	1.64E+00	2.32E-01	8.59E-01	1.04E-01	1.87E+01	2.00E+00	3.59E+00	5.28E-01	1.92E+00	2.20E-01	0.00E+00	0.00E+00
5.84E+00	5.55E-01	5.59E+00	8.29E-01	1.31E+00	2.34E-01	1.06E+00	9.02E-02	1.55E+01	2.07E+00	4.16E+00	4.72E-01	2.28E+00	1.87E-01	0.00E+00	0.00E+00
6.22E+00	6.05E-01	5.38E+00	9.84E-01	1.33E+00	2.30E-01	1.15E+00	8.34E-02	1.28E+01	2.03E+00	4.29E+00	5.25E-01	2.40E+00	1.73E-01	0.00E+00	0.00E+00
4.25E+00	7.89E-01	6.36E+00	1.04E+00	1.77E+00	3.19E-01	7.69E-01	1.09E-01	1.89E+01	2.34E+00	3.77E+00	6.56E-01	1.43E+00	2.00E-01	0.00E+00	0.00E+00
4.35E+00	8.09E-01	5.83E+00	1.14E+00	2.17E+00	3.46E-01	8.35E-01	1.19E-01	1.55E+01	2.42E+00	3.69E+00	6.90E-01	1.57E+00	2.17E-01	0.00E+00	0.00E+00
4.92E+00	9.50E-01	6.87E+00	1.30E+00	2.41E+00	4.12E-01	8.25E-01	1.30E-01	1.46E+01	2.79E+00	4.15E+00	7.98E-01	1.56E+00	2.29E-01	0.00E+00	0.00E+00
4.72E+00	1.07E+00	7.44E+00	1.53E+00	2.09E+00	4.61E-01	7.32E-01	1.61E-01	1.60E+01	3.14E+00	4.30E+00	9.21E-01	1.37E+00	2.88E-01	0.00E+00	0.00E+00
5.15E+00	1.43E+00	7.08E+00	1.70E+00	2.64E+00	5.07E-01	8.09E-01	2.40E-01	1.84E+01	3.87E+00	4.34E+00	1.08E+00	1.35E+00	4.43E-01	0.00E+00	0.00E+00
5.57E+00	1.76E+00	8.05E+00	1.96E+00	2.77E+00	6.25E-01	7.94E-01	2.75E-01	1.76E+01	4.28E+00	4.93E+00	1.40E+00	1.37E+00	5.31E-01	0.00E+00	0.00E+00
6.16E+00	1.76E+00	8.63E+00	2.29E+00	3.23E+00	6.92E-01	8.78E-01	2.54E-01	1.91E+01	4.14E+00	5.31E+00	1.48E+00	1.51E+00	4.65E-01	0.00E+00	0.00E+00
5.83E+00	1.68E+00	9.18E+00	2.36E+00	2.65E+00	5.85E-01	8.87E-01	2.14E-01	2.29E+01	4.43E+00	5.51E+00	1.48E+00	1.46E+00	4.02E-01	0.00E+00	0.00E+00
6.55E+00	1.31E+00	8.69E+00	1.98E+00	2.54E+00	3.57E-01	8.93E-01	1.43E-01	2.34E+01	4.76E+00	5.65E+00	1.22E+00	1.56E+00	2.74E-01	0.00E+00	0.00E+00
5.46E+00	9.44E-01	8.37E+00	1.37E+00	2.14E+00	3.48E-01	5.70E-01	1.35E-01	2.52E+01	3.75E+00	5.32E+00	8.70E-01	1.10E+00	2.46E-01	0.00E+00	0.00E+00
4.96E+00	1.15E+00	7.20E+00	1.41E+00	2.36E+00	4.65E-01	6.47E-01	1.78E-01	1.93E+01	2.65E+00	4.25E+00	9.20E-01	1.21E+00	3.14E-01	0.00E+00	0.00E+00
4.87E+00	1.27E+00	7.36E+00	1.63E+00	2.21E+00	4.55E-01	6.72E-01	1.81E-01	2.06E+01	2.44E+00	4.40E+00	1.04E+00	1.32E+00	3.46E-01	0.00E+00	0.00E+00
4.23E+00	1.07E+00	5.74E+00	1.42E+00	2.17E+00	3.35E-01	5.89E-01	1.40E-01	1.66E+01	2.71E+00	3.49E+00	9.07E-01	1.07E+00	2.95E-01	0.00E+00	0.00E+00
4.17E+00	9.45E-01	6.00E+00	1.13E+00	1.95E+00	3.07E-01	5.77E-01	1.42E-01	1.49E+01	2.18E+00	3.61E+00	7.48E-01	1.11E+00	2.62E-01	0.00E+00	0.00E+00
4.17E+00	8.92E-01	6.11E+00	1.11E+00	2.00E+00	3.18E-01	5.85E-01	1.32E-01	1.67E+01	1.43E+00	3.77E+00	7.24E-01	1.20E+00	2.45E-01	0.00E+00	0.00E+00
4.06E+00	1.03E+00	5.56E+00	1.16E+00	1.82E+00	2.33E-01	7.41E-01	1.57E-01	1.53E+01	1.64E+00	3.36E+00	8.43E-01	1.54E+00	3.37E-01	0.00E+00	0.00E+00
3.72E+00	1.06E+00	4.74E+00	1.16E+00	1.62E+00	1.95E-01	6.33E-01	1.62E-01	1.12E+01	1.29E+00	2.98E+00	8.85E-01	1.38E+00	3.68E-01	0.00E+00	0.00E+00
4.28E+00	9.69E-01	4.77E+00	9.74E-01	1.47E+00	2.62E-01	8.56E-01	1.51E-01	1.03E+01	1.25E+00	3.01E+00	8.21E-01	1.71E+00	3.72E-01	0.00E+00	0.00E+00
5.66E+00	9.49E-01	5.43E+00	1.13E+00	1.54E+00	2.67E-01	1.13E+00	1.41E-01	1.19E+01	1.69E+00	3.56E+00	8.19E-01	2.20E+00	3.28E-01	0.00E+00	0.00E+00
5.03E+00	9.36E-01	5.72E+00	1.21E+00	1.87E+00	2.51E-01	1.01E+00	1.35E-01	1.35E+01	2.42E+00	3.69E+00	8.12E-01	1.90E+00	3.21E-01	0.00E+00	0.00E+00
4.32E+00	8.38E-01	6.72E+00	1.04E+00	1.90E+00	2.15E-01	6.10E-01	1.09E-01	1.58E+01	2.36E+00	3.90E+00	7.15E-01	1.12E+00	2.15E-01	0.00E+00	0.00E+00
4.52E+00	7.77E-01	6.86E+00	8.93E-01	1.85E+00	2.21E-01	5.10E-01	1.14E-01	1.83E+01	1.77E+00	4.03E+00	6.36E-01	9.68E-01	2.61E-01	0.00E+00	0.00E+00
4.28E+00	6.64E-01	6.57E+00	7.35E-01	1.85E+00	2.24E-01	5.33E-01	1.01E-01	1.76E+01	1.38E+00	3.82E+00	5.29E-01	1.07E+00	2.07E-01	0.00E+00	0.00E+00
4.16E+00	5.18E-01	6.08E+00	7.26E-01	1.42E+00	2.06E-01	5.85E-01	7.81E-02	1.54E+01	1.35E+00	3.77E+00	4.39E-01	1.20E+00	1.57E-01	0.00E+00	0.00E+00
4.01E+00	5.78E-01	5.46E+00	8.52E-01	1.79E+00	2.11E-01	7.68E-01	7.16E-02	1.41E+01	1.74E+00	3.32E+00	5.05E-01	1.40E+00	1.41E-01	0.00E+00	0.00E+00
4.91E+00	7.25E-01	6.77E+00	1.08E+00	2.10E+00	2.50E-01	8.81E-01	9.76E-02	1.78E+01	2.62E+00	4.04E+00	6.36E-01	1.74E+00	2.00E-01	0.00E+00	0.00E+00
5.73E+00	7.96E-01	7.68E+00	1.16E+00	2.22E+00	2.63E-01	9.82E-01	1.11E-01	2.09E+01	2.81E+00	4.43E+00	7.50E-01	2.04E+00	2.32E-01	0.00E+00	0.00E+00
5.59E+00	8.12E-01	7.95E+00	1.07E+00	2.15E+00	2.56E-01	9.91E-01	1.16E-01	2.21E+01	2.53E+00	4.45E+00	7.37E-01	2.00E+00	2.45E-01	0.00E+00	0.00E+00
4.65E+00	7.25E-01	7.55E+00	8.65E-01	1.93E+00	2.36E-01	8.46E-01	1.13E-01	2.12E+01	1.98E+00	4.13E+00	6.33E-01	1.67E+00	2.38E-01	0.00E+00	0.00E+00
4.83E+00	6.32E-01	6.66E+00	7.66E-01	1.63E+00	2.14E-01	8.52E-01	1.02E-01	1.87E+01	1.81E+00	3.57E+00	5.12E-01	1.90E+00	2.12E-01	0.00E+00	0.00E+00

Scenario 4 Results

5.66E+00	5.54E-01	5.55E+00	7.78E-01	1.33E+00	2.11E-01	1.03E+00	8.79E-02	1.53E+01	1.87E+00	4.04E+00	4.39E-01	2.21E+00	1.79E-01	0.00E+00	0.00E+00
4.26E+00	7.68E-01	5.85E+00	1.08E+00	2.14E+00	3.34E-01	7.89E-01	1.12E-01	1.39E+01	2.38E+00	3.64E+00	6.49E-01	1.48E+00	2.02E-01	0.00E+00	0.00E+00
4.72E+00	8.93E-01	6.70E+00	1.24E+00	2.30E+00	3.92E-01	7.65E-01	1.20E-01	1.41E+01	2.71E+00	4.02E+00	7.57E-01	1.45E+00	2.09E-01	0.00E+00	0.00E+00
4.47E+00	9.88E-01	7.01E+00	1.42E+00	1.98E+00	4.25E-01	6.83E-01	1.46E-01	1.54E+01	2.99E+00	4.06E+00	8.58E-01	1.29E+00	2.59E-01	0.00E+00	0.00E+00
4.81E+00	1.30E+00	6.65E+00	1.55E+00	2.45E+00	4.67E-01	7.43E-01	2.17E-01	1.71E+01	3.56E+00	4.07E+00	9.84E-01	1.22E+00	3.93E-01	0.00E+00	0.00E+00
5.38E+00	1.68E+00	7.78E+00	1.89E+00	2.51E+00	5.66E-01	7.27E-01	2.62E-01	1.59E+01	3.95E+00	4.72E+00	1.33E+00	1.28E+00	4.91E-01	0.00E+00	0.00E+00
5.71E+00	1.71E+00	7.84E+00	2.17E+00	3.10E+00	6.70E-01	8.41E-01	2.43E-01	1.90E+01	3.94E+00	4.81E+00	1.43E+00	1.45E+00	4.75E-01	0.00E+00	0.00E+00
5.91E+00	1.71E+00	9.11E+00	2.37E+00	2.52E+00	6.25E-01	7.61E-01	2.23E-01	2.08E+01	4.33E+00	5.47E+00	1.49E+00	1.53E+00	4.06E-01	0.00E+00	0.00E+00
6.21E+00	1.44E+00	8.25E+00	2.14E+00	2.79E+00	4.42E-01	9.08E-01	1.64E-01	2.41E+01	4.86E+00	5.16E+00	1.32E+00	1.50E+00	3.10E-01	0.00E+00	0.00E+00
6.09E+00	1.02E+00	8.97E+00	1.55E+00	1.89E+00	3.08E-01	6.71E-01	1.21E-01	2.32E+01	4.29E+00	5.65E+00	9.48E-01	1.20E+00	2.32E-01	0.00E+00	0.00E+00
4.15E+00	9.76E-01	6.68E+00	1.24E+00	2.23E+00	4.02E-01	5.90E-01	1.49E-01	2.36E+01	3.04E+00	4.16E+00	7.93E-01	1.19E+00	2.58E-01	0.00E+00	0.00E+00
4.82E+00	1.20E+00	7.23E+00	1.52E+00	2.09E+00	4.73E-01	5.96E-01	1.77E-01	1.79E+01	2.15E+00	4.27E+00	9.78E-01	1.20E+00	3.23E-01	0.00E+00	0.00E+00
4.41E+00	1.18E+00	6.47E+00	1.57E+00	1.97E+00	4.12E-01	6.17E-01	1.61E-01	1.82E+01	2.74E+00	3.89E+00	9.97E-01	1.20E+00	3.32E-01	0.00E+00	0.00E+00
4.04E+00	9.41E-01	5.75E+00	1.29E+00	2.08E+00	3.42E-01	5.47E-01	1.40E-01	1.37E+01	2.74E+00	3.40E+00	8.15E-01	9.64E-01	2.67E-01	0.00E+00	0.00E+00
4.52E+00	9.52E-01	6.74E+00	1.16E+00	1.91E+00	3.31E-01	6.28E-01	1.40E-01	1.73E+01	2.10E+00	4.04E+00	7.64E-01	1.23E+00	2.57E-01	0.00E+00	0.00E+00
4.50E+00	9.56E-01	6.72E+00	1.21E+00	1.98E+00	3.37E-01	5.85E-01	1.39E-01	1.86E+01	1.63E+00	4.11E+00	7.81E-01	1.17E+00	2.55E-01	0.00E+00	0.00E+00
4.05E+00	1.11E+00	5.66E+00	1.27E+00	1.77E+00	2.59E-01	7.39E-01	1.68E-01	1.66E+01	1.84E+00	3.57E+00	9.08E-01	1.53E+00	3.55E-01	0.00E+00	0.00E+00
3.74E+00	1.14E+00	4.84E+00	1.25E+00	1.68E+00	2.11E-01	6.52E-01	1.72E-01	1.20E+01	1.41E+00	2.96E+00	9.31E-01	1.41E+00	3.78E-01	0.00E+00	0.00E+00
4.03E+00	1.05E+00	4.67E+00	1.08E+00	1.45E+00	2.82E-01	8.06E-01	1.62E-01	1.09E+01	1.23E+00	3.10E+00	8.73E-01	1.61E+00	3.84E-01	0.00E+00	0.00E+00
5.47E+00	9.79E-01	5.47E+00	1.20E+00	1.49E+00	2.71E-01	1.09E+00	1.43E-01	1.23E+01	1.72E+00	3.45E+00	8.36E-01	2.13E+00	3.18E-01	0.00E+00	0.00E+00
5.14E+00	9.57E-01	5.73E+00	1.25E+00	1.68E+00	2.63E-01	1.03E+00	1.47E-01	1.41E+01	2.57E+00	3.75E+00	8.27E-01	1.95E+00	3.40E-01	0.00E+00	0.00E+00
4.11E+00	8.67E-01	6.39E+00	1.10E+00	1.97E+00	2.25E-01	6.80E-01	1.11E-01	1.59E+01	2.50E+00	3.64E+00	7.45E-01	1.26E+00	2.19E-01	0.00E+00	0.00E+00
4.69E+00	7.83E-01	7.22E+00	9.50E-01	1.99E+00	2.07E-01	5.18E-01	1.11E-01	1.92E+01	2.00E+00	4.20E+00	6.68E-01	9.64E-01	2.52E-01	0.00E+00	0.00E+00
4.65E+00	7.20E-01	7.04E+00	7.87E-01	1.83E+00	2.20E-01	5.05E-01	1.07E-01	1.95E+01	1.39E+00	4.18E+00	5.82E-01	9.47E-01	2.29E-01	0.00E+00	0.00E+00
4.14E+00	5.64E-01	6.30E+00	7.28E-01	1.61E+00	2.13E-01	5.91E-01	8.67E-02	1.72E+01	1.44E+00	3.72E+00	4.42E-01	1.21E+00	1.73E-01	0.00E+00	0.00E+00
3.68E+00	4.88E-01	5.17E+00	7.57E-01	1.64E+00	1.94E-01	5.83E-01	6.54E-02	1.38E+01	1.35E+00	3.30E+00	4.22E-01	1.20E+00	1.32E-01	0.00E+00	0.00E+00
4.35E+00	6.57E-01	6.30E+00	9.23E-01	2.00E+00	2.39E-01	8.09E-01	8.39E-02	1.63E+01	2.20E+00	3.84E+00	5.68E-01	1.49E+00	1.64E-01	0.00E+00	0.00E+00
5.20E+00	7.60E-01	7.45E+00	1.15E+00	2.21E+00	2.60E-01	8.52E-01	1.03E-01	2.02E+01	2.83E+00	4.39E+00	6.90E-01	1.80E+00	2.08E-01	0.00E+00	0.00E+00
5.72E+00	8.19E-01	8.07E+00	1.18E+00	2.24E+00	2.41E-01	9.70E-01	1.13E-01	2.25E+01	2.90E+00	4.62E+00	7.62E-01	2.00E+00	2.32E-01	0.00E+00	0.00E+00
5.42E+00	7.90E-01	8.03E+00	1.04E+00	2.13E+00	2.31E-01	9.24E-01	1.14E-01	2.26E+01	2.50E+00	4.48E+00	7.11E-01	1.87E+00	2.37E-01	0.00E+00	0.00E+00
4.55E+00	6.92E-01	7.44E+00	8.26E-01	1.91E+00	2.17E-01	7.55E-01	1.09E-01	2.09E+01	1.91E+00	4.07E+00	5.95E-01	1.51E+00	2.26E-01	0.00E+00	0.00E+00
4.72E+00	6.14E-01	6.54E+00	7.21E-01	1.63E+00	2.03E-01	8.33E-01	9.82E-02	1.82E+01	1.65E+00	3.52E+00	4.81E-01	1.85E+00	2.01E-01	0.00E+00	0.00E+00
4.51E+00	8.26E-01	6.47E+00	1.17E+00	2.17E+00	3.64E-01	7.36E-01	1.11E-01	1.30E+01	2.53E+00	3.86E+00	7.06E-01	1.39E+00	1.93E-01	0.00E+00	0.00E+00
4.33E+00	9.17E-01	6.72E+00	1.34E+00	1.90E+00	4.01E-01	6.56E-01	1.36E-01	1.51E+01	2.88E+00	3.89E+00	8.01E-01	1.25E+00	2.38E-01	0.00E+00	0.00E+00
4.54E+00	1.18E+00	6.28E+00	1.45E+00	2.23E+00	4.42E-01	6.73E-01	1.96E-01	1.60E+01	3.37E+00	3.85E+00	8.95E-01	1.10E+00	3.52E-01	0.00E+00	0.00E+00
5.00E+00	1.54E+00	7.15E+00	1.73E+00	2.37E+00	5.05E-01	6.73E-01	2.40E-01	1.49E+01	3.67E+00	4.37E+00	1.21E+00	1.17E+00	4.44E-01	0.00E+00	0.00E+00
5.00E+00	1.64E+00	7.31E+00	2.02E+00	2.72E+00	6.11E-01	7.52E-01	2.35E-01	1.77E+01	3.63E+00	4.33E+00	1.36E+00	1.33E+00	4.51E-01	0.00E+00	0.00E+00
5.69E+00	1.65E+00	8.49E+00	2.26E+00	2.61E+00	6.24E-01	7.48E-01	2.19E-01	1.79E+01	4.05E+00	5.12E+00	1.42E+00	1.53E+00	3.91E-01	0.00E+00	0.00E+00
5.40E+00	1.52E+00	8.20E+00	2.21E+00	2.64E+00	5.05E-01	8.25E-01	1.79E-01	2.33E+01	4.83E+00	5.01E+00	1.37E+00	1.48E+00	3.29E-01	0.00E+00	0.00E+00
6.14E+00	1.14E+00	8.73E+00	1.76E+00	2.34E+00	3.32E-01	7.59E-01	1.29E-01	2.19E+01	4.61E+00	5.47E+00	1.08E+00	1.29E+00	2.45E-01	0.00E+00	0.00E+00
4.95E+00	8.73E-01	7.85E+00	1.28E+00	1.85E+00	3.35E-01	5.64E-01	1.22E-01	2.46E+01	3.37E+00	4.86E+00	8.06E-01	1.06E+00	2.23E-01	0.00E+00	0.00E+00
4.27E+00	1.04E+00	6.37E+00	1.31E+00	2.10E+00	4.36E-01	5.74E-01	1.59E-01	1.78E+01	2.53E+00	3.71E+00	8.39E-01	1.15E+00	2.78E-01	0.00E+00	0.00E+00
4.47E+00	1.19E+00	6.89E+00	1.56E+00	2.04E+00	4.58E-01	6.38E-01	1.68E-01	1.76E+01	2.47E+00	4.07E+00	9.86E-01	1.27E+00	3.26E-01	0.00E+00	0.00E+00
4.19E+00	1.11E+00	5.91E+00	1.49E+00	1.79E+00	3.71E-01	5.53E-01	1.54E-01	1.67E+01	2.92E+00	3.55E+00	9.35E-01	1.10E+00	3.20E-01	0.00E+00	0.00E+00
4.30E+00	9.56E-01	6.41E+00	1.18E+00	2.00E+00	3.42E-01	5.29E-01	1.42E-01	1.55E+01	2.65E+00	3.78E+00	7.66E-01	9.72E-01	2.54E-01	0.00E+00	0.00E+00
4.86E+00	9.41E-01	7.31E+00	1.17E+00	2.01E+00	3.52E-01	6.78E-01	1.35E-01	1.92E+01	1.95E+00	4.37E+00	7.63E-01	1.31E+00	2.46E-01	0.00E+00	0.00E+00
4.79E+00	1.01E+00	7.20E+00	1.30E+00	2.01E+00	3.56E-01	5.68E-01	1.49E-01	2.02E+01	1.88E+00	4.39E+00	8.34E-01	1.12E+00	2.87E-01	0.00E+00	0.00E+00
4.06E+00	1.22E+00	6.03E+00	1.39E+00	1.80E+00	2.85E-01	6.99E-01	1.84E-01	1.77E+01	2.04E+00	3.78E+00	9.87E-01	1.46E+00	3.80E-01	0.00E+00	0.00E+00
3.71E+00	1.22E+00	4.91E+00	1.35E+00	1.75E+00	2.37E-01	6.40E-01	1.85E-01	1.28E+01	1.54E+00	2.97E+00	9.89E-01	1.39E+00	3.96E-01	0.00E+00	0.00E+00
3.92E+00	1.13E+00	4.83E+00	1.17E+00	1.45E+00	2.97E-01	7.40E-01	1.75E-01	1.15E+01	1.30E+00	3.15E+00	9.21E-01	1.48E+00	3.99E-01	0.00E+00	0.00E+00
5.08E+00	9.98E-01	5.38E+00	1.26E+00	1.43E+00	2.80E-01	1.01E+00	1.44E-01	1.25E+01	1.70E+00	3.27E+00	8.45E-01	1.99E+00	3.19E-01	0.00E+00	0.00E+00
5.02E+00	1.05E+00	5.86E+00	1.28E+00	1.62E+00	2.75E-01	1.00E+00	1.58E-01	1.43E+01	2.65E+00	3.74E+00	8.85E-01	1.92E+00	3.56E-01	0.00E+00	0.00E+00
4.01E+00	8.98E-01	6.27E+00	1.15E+00	1.95E+00	2.33E-01	7.27E-01	1.15E-01	1.55E+01	2.62E+00	3.56E+00	7.75E-01	1.36E+00	2.53E-01	0.00E+00	0.00E+00
4.71E+00	7.92E-01	7.32E+00	9.84E-01	2.05E+00	2.19E-01	5.19E-01	1.08E-01	1.93E+01	2.16E+00	4.22E+00	6.87E-01	9.85E-01	2.37E-01	0.00E+00	0.00E+00
4.86E+00	7.59E-01	7.44E+00	8.72E-01	1.92E+00	2.06E-01	5.27E-01	1.13E-01	2.05E+01	1.53E+00	4.38E+00	6.19E-01	9.49E-01	2.49E-01	0.00E+00	0.00E+00
4.54E+00	6.29E-01	6.79E+00	6.97E-01	1.67E+00	2.06E-01	5.56E-01	9.42E-02	1.90E+01	1.46E+00	4.08E+00	5.01E-01	1.13E+00	1.86E-01	0.00E+00	0.00E+00
3.94E+00	4.79E-01	5.74E+00	6.85E-01	1.70E+00	1.92E-01	6.20E-01	7.39E-02	1.60E+01	1.43E+00	3.52E+00	4.05E-01	1.27E+00	1.45E-01	0.00E+00	0.00E+00
3.97E+00	5.60E-01	5.72E+00	8.47E-01	1.82E+00	2.09E-01	6.37E-01	6.80E-02	1.47E+01	1.60E+00	3.51E+00	4.92E-01	1.17E+00	1.35E-01	0.00E+00	0.00E+00
4.66E+00	7.07E-01	6.93E+00	1.01E+00	2.09E+00	2.56E-01	8.40E-01	9.15E-02	1.87E+01	2.51E+00	4.17E+00	6.05E-01	1.55E+00	1.77E-01	0.00E+00	0.00E+00
5.38E+00	7.76E-01	7.81E+00	1.16E+00	2.23E+00	2.61E-01	8.50E-01	1.06E-01	2.16E+01	2.92E+00	4.56E+00	7.11E-01	1.80E+00	2.09E-01	0.00E+00	0.00E+00
5.68E+00	7.89E-01	8.12E+00	1.12E+00	2.23E+00	2.31E-01	8.98E-01	1.11E-01	2.28E+01	2.76E+00	4.63E+00	7.26E-01	1.86E+00	2.24E-01	0.00E+00	0.00E+00
5.32E+00	7.36E-01	7.91E+00	9.59E-01	2.11E+00	2.15E-01	8.21E-01	1.10E-01	2.22E+01	2.31E+00	4.41E+00	6.58E-01	1.67E+00	2.26E-01	0.00E+00	0.00E+00
4.53E+00	6.61E-01	7.30E+00	7.74E-01	1.90E+00	2.04E-01	6.72E-01	1.04E-01	2.04E+01	1.79E+00	4.00E+00	5.54E-01	1.45E+00	2.14E-01	0.00E+00	0.00E+00
1.75E+01	2.50E+00	3.51E+01	4.61E+00	2.28E+00	1.89E-01	8.61E-01	1.08E-01	1.75E+02	2.15E+01	2.10E+01	2.92E+00	1.72E+00	2.75E-01	0.00E+00	0.00E+00
1.75E+01	2.50E+00	3.51E+01	4.61E+00	2.28E+00	1.89E-01	8.61E-01	1.08E-01	1.75E+02	2.15E+01	2.10E+01	2.92E+00	1.72E+00	2.75E-01	0.00E+00	0.00E+00
3.46E+00	3.64E-01	5.61E+00	7.26E-01	1.34E+00	1.91E-01	6.45E-01	4.33E-02	1.34E+01	1.67E+00	2.93E+00	4.51E-01	1.26E+00	1.64E-01	0.00E+00	0.00E+00
3.93E+00	5.11E-01	5.47E+00	1.02E+00	1.72E+00	2.62E-01	7.34E-01	4.82E-02	1.41E+01	2.08E+00	3.15E+00	5.17E-01	1.42E+00	8.70E-02	0.00E+00	0.00E+00
4.16E+00	5.35E-01	5.53E+00	1.04E+00	1.74E+00	2.27E-01	7.76E-01	5.24E-02	1.40E+01	2.37E+00	3.09E+00	5.68E-01	1.51E+00	9.84E-02	0.00E+00	0.00E+00
4.56E+00	4.44E-01	5.42E+00	8.71E-01	1.82E+00	2.24E-01	8.52E-01	5.83E-02	1.21E+01	2.12E+00	3.05E+00	4.83E-01	1.65E+00	1.03E-01	0.00E+00	0.00E+00
5.07E+00	3.62E-01	4.89E+00	6.96E-01	1.77E+00	2.05E-01	9.45E-01	6.50E-02	1.11E+01	1.67E+00	3.39E+00	3.49E-01	1.83E+00	1.14E-01	0.00E+00	0.00E+00
5.47E+00	3.90E-01	4.44E+00	6.35E-01	1.97E+00	2.10E-01	1.02E+00	6.95E-02	1.12E+01	1.47E+00	3.66E+00	3.09E-01	1.98E+00	1.21E-01	0.00E+00	0.00E+00
5.75E+00	4.10E-01	4.11E+00	5.89E-01	1.97E+00	2.09E-01	1.07E+00	7.26E-02	1.12E+01	1.40E+00	3.85E+00	2.92E-01	2.08E+00	1.25E-01	0.00E+00	0.00E+00
5.89E+00	4.43E-01	4.27E+00	5.54E-01	2.10E+00	2.14E-01	1.10E+00	7.62E-02	1.26E+01	1.43E+00	3.94E+00	3.22E-01	2.13E+00	1.34E-01	0.00E+00	0.00E+00
5.29E+00	8.42E-01	8.72E+00	1.47E+00	3.36E+00	4.61E-01	8.39E-01	9.07E-02	2.19E+01	2.85E+00	5.41E+00	8.25E-01	2.00E+00	1.78E-01	0.00E+00	0.00E+00
1.63E+01	1.09E+00	1.62E+01	1.99E+00	1.53E+00	2.14E-01	3.18E+00	1.56E-01	7.77E+01	9.60E+00	1.04E+01	1.27E+00	6.28E+00	3.04E-01	0.00E+00	0.00E+00

2. Dust Deposition Data

2.1 Scenario 1 Dust Deposition Results

All Units are mg/m^2.year

			TSP	PM10	SO2	NO2	CO	HF	PM2.5	Dioxins	H2SO4	HCl	VOC	As	Be	Cd	Co	Cr	Cu	Hg	Mn	Ni	Pb	Sb	Se	Sn	Va
Maximum Deposition Rate at Recreational Receptor			1.11E-01	4.86E-02	1.70E+00	2.82E+00	1.88E-01	2.22E-01	1.51E-04	5.19E-10	1.12E+00	1.77E-01	3.99E-01	2.64E-06	5.78E-07	3.03E-05	7.10E-07	3.19E-05	3.80E-05	2.34E-04	1.45E-04	3.06E-05	1.20E-04	6.81E-06	5.62E-06	1.63E-06	3.84E-06
Maximum Deposition Rate at Comm / Ind Receptor			2.96E-01	1.37E-01	4.19E+00	5.32E+00	2.95E-01	9.11E-01	2.33E-04	7.13E-10	1.79E+00	2.79E-01	9.62E-01	5.78E-06	1.21E-06	6.89E-05	1.63E-06	7.15E-05	7.90E-05	3.85E-04	3.15E-04	6.95E-05	2.75E-04	1.28E-05	1.29E-05	3.73E-06	8.81E-06
Maximum Deposition Rate at Residential Receptor			8.57E-01	3.68E-01	5.14E+00	9.39E+00	6.32E-01	7.19E-01	8.04E-04	1.70E-09	3.55E+00	5.88E-01	1.19E+00	2.10E-05	4.58E-06	2.47E-04	5.83E-06	2.58E-04	3.01E-04	1.83E-03	1.15E-03	2.50E-04	9.85E-04	5.35E-05	4.61E-05	1.34E-05	3.16E-05
Grid Maximum Deposition Rate			1.30E+00	5.57E-01	7.60E+00	1.16E+01	7.75E-01	1.65E+00	8.84E-04	1.92E-09	4.23E+00	7.05E-01	1.96E+00	3.05E-05	6.33E-06	3.66E-04	8.65E-06	3.79E-04	4.12E-04	1.89E-03	1.66E-03	3.69E-04	1.46E-03	6.53E-05	6.85E-05	1.98E-05	4.68E-05
357.58	6368.435	Recreational	1.06E-01	4.70E-02	1.52E+00	2.43E+00	1.58E-01	2.09E-01	1.36E-04	4.39E-10	9.60E-01	1.53E-01	3.56E-01	2.45E-06	5.30E-07	2.84E-05	6.68E-07	2.98E-05	3.48E-05	2.02E-04	1.34E-04	2.87E-05	1.13E-04	6.07E-06	5.29E-06	1.53E-06	3.62E-06
356.436	6368.332	Recreational	1.11E-01	4.86E-02	1.70E+00	2.82E+00	1.88E-01	2.22E-01	1.51E-04	5.19E-10	1.12E+00	1.77E-01	3.99E-01	2.64E-06	5.78E-07	3.03E-05	7.10E-07	3.19E-05	3.80E-05	2.34E-04	1.45E-04	3.06E-05	1.20E-04	6.81E-06	5.62E-06	1.63E-06	3.84E-06
358.174	6369.639	Comercial/Industrial Workers	1.00E-01	4.36E-02	1.89E+00	2.79E+00	1.79E-01	3.25E-01	9.68E-05	4.47E-10	1.03E+00	1.69E-01	4.19E-01	2.03E-06	4.26E-07	2.42E-05	5.71E-07	2.51E-05	2.78E-05	1.37E-04	1.11E-04	2.44E-05	9.64E-05	4.52E-06	4.52E-06	1.31E-06	3.09E-06
357.561	6369.198	Comercial/Industrial Workers	1.73E-01	7.08E-02	2.31E+00	3.52E+00	2.37E-01	9.01E-01	5.53E-05	2.55E-10	7.48E-01	1.63E-01	3.64E-01	2.69E-06	5.22E-07	3.42E-05	8.14E-07	3.47E-05	3.36E-05	7.91E-05	1.45E-04	3.43E-05	1.36E-04	4.32E-06	6.45E-06	1.87E-06	4.41E-06
356.415	6368.854	Comercial/Industrial Workers	1.53E-01	6.78E-02	2.57E+00	3.76E+00	2.40E-01	4.08E-01	1.63E-04	6.47E-10	1.47E+00	2.37E-01	5.96E-01	3.19E-06	6.81E-07	3.74E-05	8.80E-07	3.90E-05	4.46E-05	2.42E-04	1.74E-04	3.78E-05	1.49E-04	7.55E-06	6.97E-06	2.02E-06	4.77E-06
357.334	6369.03	Comercial/Industrial Workers	7.20E-02	2.75E-02	1.40E+00	2.54E+00	1.70E-01	3.99E-01	6.96E-05	3.50E-10	7.64E-01	1.51E-01	2.06E-01	1.69E-06	3.48E-07	2.05E-05	4.84E-07	2.11E-05	2.26E-05	9.77E-05	9.17E-05	2.06E-05	8.16E-05	3.50E-06	3.83E-06	1.11E-06	2.62E-06
357.197	6368.893	Comercial/Industrial Workers	1.30E-01	5.91E-02	2.44E+00	3.48E+00	2.16E-01	5.07E-01	1.12E-04	5.06E-10	1.21E+00	2.00E-01	5.34E-01	2.21E-06	4.68E-07	2.62E-05	6.16E-07	2.72E-05	3.06E-05	1.57E-04	1.21E-04	2.64E-05	1.04E-04	5.07E-06	4.88E-06	1.41E-06	3.34E-06
357.045	6368.81	Comercial/Industrial Workers	1.58E-01	7.53E-02	2.90E+00	3.67E+00	2.21E-01	4.73E-01	1.43E-04	5.62E-10	1.40E+00	2.10E-01	7.30E-01	2.52E-06	5.44E-07	2.93E-05	6.89E-07	3.07E-05	3.56E-05	2.04E-04	1.38E-04	2.96E-05	1.17E-04	6.17E-06	5.46E-06	1.58E-06	3.73E-06
356.931	6368.707	Comercial/Industrial Workers	1.52E-01	7.13E-02	2.56E+00	3.49E+00	2.11E-01	3.76E-01	1.70E-04	5.93E-10	1.39E+00	2.08E-01	6.46E-01	2.77E-06	6.08E-07	3.17E-05	7.42E-07	3.34E-05	4.00E-05	2.50E-04	1.52E-04	3.21E-05	1.26E-04	7.21E-06	5.88E-06	1.70E-06	4.02E-06
356.684	6368.52	Comercial/Industrial Workers	1.42E-01	6.51E-02	2.07E+00	3.15E+00	1.94E-01	2.81E-01	1.78E-04	5.69E-10	1.26E+00	1.92E-01	5.11E-01	2.94E-06	6.48E-07	3.33E-05	7.80E-07	3.52E-05	4.26E-05	2.74E-04	1.61E-04	3.37E-05	1.33E-04	7.78E-06	6.17E-06	1.79E-06	4.22E-06
357.128	6369.008	Comercial/Industrial Workers	1.22E-01	5.74E-02	2.34E+00	3.04E+00	1.69E-01	5.80E-01	7.66E-05	3.78E-10	9.84E-01	1.53E-01	5.24E-01	1.61E-06	3.38E-07	1.92E-05	4.53E-07	1.99E-05	2.20E-05	1.08E-04	8.77E-05	1.93E-05	7.64E-05	3.58E-06	3.58E-06	1.04E-06	2.45E-06
356.83	6368.83	Comercial/Industrial Workers	1.84E-01	8.55E-02	3.05E+00	4.17E+00	2.42E-01	4.66E-01	1.90E-04	7.13E-10	1.66E+00	2.48E-01	7.58E-01	3.27E-06	7.10E-07	3.78E-05	8.86E-07	3.96E-05	4.65E-05	2.75E-04	1.79E-04	3.82E-05	1.50E-04	8.19E-06	7.02E-06	2.03E-06	4.80E-06
356.685	6368.72	Comercial/Industrial Workers	1.76E-01	8.12E-02	2.69E+00	3.77E+00	2.39E-01	3.88E-01	1.85E-04	6.33E-10	1.47E+00	2.28E-01	6.60E-01	3.39E-06	7.33E-07	3.93E-05	9.23E-07	4.12E-05	4.80E-05	2.79E-04	1.86E-04	3.97E-05	1.56E-04	8.38E-06	7.31E-06	2.12E-06	5.00E-06
356.613	6368.628	Comercial/Industrial Workers	1.66E-01	7.51E-02	2.35E+00	3.43E+00	2.20E-01	3.29E-01	1.91E-04	5.87E-10	1.34E+00	2.08E-01	5.75E-01	3.52E-06	7.65E-07	4.06E-05	9.53E-07	4.26E-05	5.02E-05	2.99E-04	1.93E-04	4.11E-05	1.62E-04	8.85E-06	7.54E-06	2.18E-06	5.16E-06
356.516	6368.586	Comercial/Industrial Workers	1.64E-01	7.30E-02	2.20E+00	3.23E+00	2.09E-01	3.06E-01	1.85E-04	5.51E-10	1.26E+00	1.97E-01	5.37E-01	3.65E-06	7.87E-07	4.24E-05	9.96E-07	4.44E-05	5.16E-05	2.95E-04	2.00E-04	4.29E-05	1.69E-04	8.94E-06	7.89E-06	2.28E-06	5.40E-06
356.449	6368.556	Comercial/Industrial Workers	1.58E-01	6.99E-02	2.09E+00	3.09E+00	2.00E-01	2.88E-01	1.81E-04	5.36E-10	1.22E+00	1.89E-01	5.12E-01	3.57E-06	7.70E-07	4.15E-05	9.74E-07	4.34E-05	5.05E-05	2.90E-04	1.95E-04	4.19E-05	1.65E-04	8.77E-06	7.71E-06	2.23E-06	5.28E-06
356.339	6368.549	Comercial/Industrial Workers	1.60E-01	7.12E-02	2.08E+00	3.06E+00	1.95E-01	2.84E-01	1.84E-04	5.41E-10	1.22E+00	1.88E-01	5.20E-01	3.61E-06	7.80E-07	4.19E-05	9.83E-07	4.39E-05	5.12E-05	2.97E-04	1.98E-04	4.23E-05	1.67E-04	8.92E-06	7.78E-06	2.25E-06	5.32E-06
356.361	6368.657	Comercial/Industrial Workers	1.87E-01	8.55E-02	2.42E+00	3.30E+00	2.05E-01	3.41E-01	1.88E-04	5.64E-10	1.32E+00	2.00E-01	6.17E-01	3.85E-06	8.25E-07	4.49E-05	1.05E-06	4.69E-05	5.40E-05	3.02E-04	2.10E-04	4.53E-05	1.79E-04	9.27E-06	8.35E-06	2.42E-06	5.71E-06
356.465	6368.736	Comercial/Industrial Workers	1.81E-01	8.12E-02	2.49E+00	3.50E+00	2.20E-01	3.73E-01	1.82E-04	6.01E-10	1.39E+00	2.17E-01	6.10E-01	3.79E-06	8.09E-07	4.44E-05	1.04E-06	4.63E-05	5.29E-05	2.88E-04	2.07E-04	4.48E-05	1.77E-04	8.98E-06	8.26E-06	2.39E-06	5.65E-06
356.4	6368.765	Comercial/Industrial Workers	1.77E-01	7.94E-02	2.49E+00	3.53E+00	2.24E-01	3.78E-01	1.76E-04	6.04E-10	1.39E+00	2.20E-01	6.02E-01	3.69E-06	7.86E-07	4.34E-05	1.02E-06	4.53E-05	5.14E-05	2.74E-04	2.01E-04	4.38E-05	1.73E-04	8.65E-06	8.09E-06	2.34E-06	5.53E-06
356.345	6368.783	Comercial/Industrial Workers	1.69E-01	7.57E-02	2.45E+00	3.51E+00	2.27E-01	3.75E-01	1.72E-04	6.04E-10	1.38E+00	2.20E-01	5.86E-01	3.52E-06	7.50E-07	4.13E-05	9.72E-07	4.31E-05	4.90E-05	2.64E-04	1.92E-04	4.17E-05	1.64E-04	8.28E-06	7.69E-06	2.23E-06	5.26E-06
356.715	6369.08	Comercial/Industrial Workers	1.86E-01	8.57E-02	3.55E+00	4.63E+00	2.65E-01	6.85E-01	1.44E-04	6.88E-10	1.69E+00	2.62E-01	8.36E-01	2.90E-06	6.12E-07	3.45E-05	8.12E-07	3.58E-05	3.99E-05	2.01E-04	1.58E-04	3.47E-05	1.37E-04	6.57E-06	6.43E-06	1.86E-06	4.40E-06
356.929	6369.037	Comercial/Industrial Workers	1.94E-01	9.24E-02	3.63E+00	4.21E+00	2.20E-01	7.64E-01	1.18E-04	5.43E-10	1.48E+00	2.12E-01	9.00E-01	2.43E-06	5.10E-07	2.88E-05	6.80E-07	3.00E-05	3.33E-05	1.65E-04	1.32E-04	2.91E-05	1.15E-04	5.44E-06	5.38E-06	1.56E-06	3.68E-06
356.777	6369.278	Comercial/Industrial Workers	2.17E-01	9.82E-02	4.19E+00	5.32E+00	2.95E-01	9.11E-01	1.43E-04	6.90E-10	1.79E+00	2.79E-01	9.62E-01	3.15E-06	6.57E-07	3.79E-05	8.94E-07	3.92E-05	4.28E-05	1.99E-04	1.71E-04	3.81E-05	1.51E-04	6.80E-06	7.08E-06	2.05E-06	4.84E-06
356.94	6368.565	Comercial/Industrial Workers	1.28E-01	5.88E-02	2.10E+00	3.01E+00	1.90E-01	2.98E-01	1.50E-04	5.15E-10	1.18E+00	1.81E-01	5.22E-01	2.54E-06	5.53E-07	2.92E-05	6.84E-07	3.07E-05	3.63E-05	2.20E-04	1.39E-04	2.95E-05	1.16E-04	6.45E-06	5.41E-06	1.57E-06	3.70E-06
357.099	6368.457	Comercial/Industrial Workers	1.02E-01	4.56E-02	1.67E+00	2.62E+00	1.68E-01	2.37E-01	1.36E-04	4.74E-10	1.04E+00	1.64E-01	3.95E-01	2.27E-06	4.94E-07	2.61E-05	6.13E-07	2.74E-05	3.24E-05	1.95E-04	1.24E-04	2.64E-05	1.04E-04	5.75E-06	4.85E-06	1.40E-06	3.32E-06
357.185	6368.422	Comercial/Industrial Workers	9.80E-02	4.39E-02	1.59E+00	2.52E+00	1.59E-01	2.24E-01	1.33E-04	4.61E-10	1.01E+00	1.58E-01	3.78E-01	2.18E-06	4.77E-07	2.51E-05	5.88E-07	2.64E-05	3.13E-05	1.91E-04	1.20E-04	2.54E-05	9.98E-05	5.58E-06	4.66E-06	1.35E-06	3.19E-06
357.249	6368.456	Comercial/Industrial Workers	1.04E-01	4.66E-02	1.65E+00	2.58E+00	1.62E-01	2.36E-01	1.36E-04	4.66E-10	1.03E+00	1.61E-01	3.93E-01	2.26E-06	4.92E-07	2.60E-05	6.09E-07	2.73E-05	3.23E-05	1.96E-04	1.24E-04	2.63E-05	1.03E-04	5.75E-06	4.82E-06	1.40E-06	3.30E-06
357.147	6368.711	Comercial/Industrial Workers	1.34E-01	6.21E-02	2.27E+00	3.24E+00	2.04E-01	3.55E-01	1.44E-04	5.42E-10	1.25E+00	1.98E-01	5.41E-01	2.51E-06	5.42E-07	2.91E-05	6.83E-07	3.05E-05	3.55E-05	2.05E-04	1.37E-04	2.94E-05	1.16E-04	6.18E-06	5.41E-06	1.57E-06	3.70E-06
357.23	6368.778	Comercial/Industrial Workers	1.40E-01	6.46E-02	2.45E+00	3.47E+00	2.17E-01	4.21E-01	1.38E-04	5.52E-10	1.29E+00	2.08E-01	5.70E-01	2.51E-06	5.38E-07	2.94E-05	6.91E-07	3.07E-05	3.52E-05	1.94E-04	1.37E-04	2.97E-05	1.17E-04	6.00E-06	5.47E-06	1.58E-06	3.74E-06
357.273	6368.674	Comercial/Industrial Workers	1.33E-01	6.21E-02	2.16E+00	3.13E+00	1.94E-01	3.34E-01	1.46E-04	5.34E-10	1.22E+00	1.91E-01	5.16E-01	2.50E-06	5.42E-07	2.89E-05	6.79E-07	3.03E-05	3.55E-05	2.08E-04	1.37E-04	2.92E-05	1.15E-04	6.22E-06	5.38E-06	1.56E-06	3.68E-06
357.289	6368.586	Comercial/Industrial Workers	1.21E-01	5.52E-02	1.90E+00	2.89E+00	1.80E-01	2.82E-01	1.48E-04	5.11E-10	1.14E+00	1.79E-01	4.51E-01	2.50E-06	5.42E-07	2.88E-05	6.75E-07	3.02E-05	3.56E-05	2.12E-04	1.37E-04	2.91E-05	1.15E-04	6.28E-06	5.35E-06	1.55E-06	3.66E-06
357.31	6368.559	Comercial/Industrial Workers	1.18E-01	5.34E-02	1.84E+00	2.82E+00	1.76E-01	2.72E-01	1.47E-04	4.99E-10	1.11E+00	1.75E-01	4.35E-01	2.47E-06	5.37E-07	2.85E-05	6.68E-07	2.99E-05	3.52E-05	2.10E-04	1.35E-04	2.88E-05	1.13E-04	6.22E-06	5.29E-06	1.53E-06	3.62E-06
357.313	6368.537	Comercial/Industrial Workers	1.15E-01	5.19E-02	1.79E+00	2.76E+00	1.73E-01	2.65E-01	1.45E-04	4.90E-10	1.09E+00	1.71E-01	4.24E-01	2.44E-06	5.30E-07	2.81E-05	6.59E-07	2.95E-05	3.47E-05	2.08E-04	1.33E-04	2.84E-05	1.12E-04	6.14E-06	5.21E-06	1.51E-06	3.57E-06
357.25	6368.476	Comercial/Industrial Workers	1.06E-01	4.78E-02	1.69E+00	2.63E+00	1.66E-01	2.43E-01	1.39E-04	4.75E-10	1.05E+00	1.64E-01	4.01E-01	2.31E-06	5.03E-07	2.66E-05	6.23E-07	2.79E-05	3.30E-05	1.99E-04	1.26E-04	2.69E-05	1.06E-04	5.86E-06	4.93E-06	1.43E-06	3.37E-06
357.293	6368.816	Comercial/Industrial Workers	1.43E-01	6.57E-02	2.59E+00	3.62E+00	2.23E-01	4.63E-01	1.35E-04	5.62E-10	1.33E+00	2.13E-01	5.97E-01	2.52E-06	5.37E-07	2.96E-05	6.96E-07	3.09E-05	3.51E-05	1.90E-04	1.38E-04	2.99E-05	1.18E-04	5.94E-06	5.51E-06	1.60E-06	3.77E-06
357.355	6368.742	Comercial/Industrial Workers	1.44E-01	6.69E-02	2.39E+00	3.38E+00	2.07E-01	4.03E-01	1.44E-04	5.50E-10	1.28E+00	2.02E-01	5.65E-01	2.58E-06	5.54E-07	3.01E-05	7.08E-07	3.15E-05	3.63E-05	2.03E-04	1.41E-04	3.04E-05	1.20E-04	6.23E-06	5.60E-06	1.62E-06	3.83E-06
357.331	6368.688	Comercial/Industrial Workers	1.37E-01	6.42E-02	2.22E+00	3.18E+00	1.95E-01	3.52E-01	1.46E-04	5.35E-10	1.23E+00	1.92E-01	5.33E-01	2.52E-06	5.45E-07	2.92E-05	6.87E-07	3.06E-05	3.57E-05	2.07E-04	1.38E-04	2.96E-05	1.16E-04	6.23E-06	5.44E-06	1.57E-06	3.72E-06
357.374	6368.597	Comercial/Industrial Workers	1.23E-01	5.62E-02	1.90E+00	2.87E+00	1.79E-01	2.86E-01	1.48E-04	5.04E-10	1.13E+00	1.77E-01	4.49E-01	2.53E-06	5.49E-07	2.93E-05	6.87E-07	3.07E-05	3.60E-05	2.13E-04	1.39E-04	2.96E-05	1.16E-04	6.33E-06	5.44E-06	1.57E-06	3.72E-06
357.387	6368.536	Comercial/Industrial Workers	1.15E-01	5.18E-02	1.76E+00	2.71E+00	1.70E-01	2.61E-01	1.44E-04	4.83E-10	1.07E+00	1.68E-01	4.14E-01	2.46E-06	5.33E-07	2.84E-05	6.65E-07	2.98E-05	3.50E-05	2.08E-04	1.35E-04	2.87E-05	1.13E-04	6.17E-06	5.27E-06	1.52E-06	3.60E-06
357.398	6368.518	Comercial/Industrial Workers	1.12E-01	5.05E-02	1.71E+00	2.66E+00	1.67E-01	2.54E-01	1.42E-04	4.75E-10	1.05E+00	1.65E-01	4.03E-01	2.42E-06	5.26E-07	2.80E-05	6.56E-07	2.94E-05	3.45E-05	2.05E-04	1.33E-04	2.83E-05	1.11E-04	6.09E-06	5.19E-06	1.50E-06	3.55E-06
357.48	6368.755	Comercial/Industrial Workers	1.63E-01	7.54E-02	2.53E+00	3.49E+00	2.21E-01	4.15E-01	1.51E-04	5.53E-10	1.31E+00	2.09E-01	6.02E-01	2.99E-06	6.34E-07	3.52E-05	8.29E-07	3.67E-05	4.14E-05	2.18E-04	1.63E-04	3.55E-05	1.40E-04	6.93E-06	6.56E-06	1.90E-06	4.49E-06
357.476	6368.675	Comercial/Industrial Workers	1.43E-01	6.55E-02	2.13E+00	3.09E+00	1.97E-01	3.26E-01	1.51E-04	5.21E-10	1.19E+00	1.90E-01	5.04E-01	2.82E-06	6.05E-07	3.30E-05	7.76E-07	3.45E-05	3.96E-05	2.19E-04	1.54E-04	3.33E-05	1.31E-04	6.76E-06	6.14E-06	1.78E-06	4.20E-06
357.577	6368.662	Comercial/Industrial Workers	1.64E-01	7.42E-02	2.18E+00	3.20E+00	2.10E-01	3.14E-01	1.71E-04	5.39E-10	1.23E+00	1.99E-01	5.16E-01	3.49E-06	7.43E-07	4.11E-05	9.66E-07	4.28E-05	4.86E-05	2.59E-04	1.91E-04	4.14E-05	1.63E-04	8.17E-06	7.65E-06	2.21E-06	5.23E-06
357.626	6368.787	Comercial/Industrial Workers	2.96E-01	1.37E-01	3.40E+00	4.39E+00	2.95E-01	4.88E-01	2.20E-04	6.55E-10	1.64E+00	2.63E-01	8.43E-01	5.71E-06	1.19E-06	6.86E-05	1.62E-06	7.10E-05	7.73E-05	3.57E-04	3.10E-04	6.91E-05	2.73E-04	1.23E-05	1.28E-05	3.71E-06	8.78E-06
357.692	6368.687	Comercial/Industrial Workers	2.61E-01	1.16E-01	2.63E+00	3.85E+00	2.62E-01	3.56E-01	2.33E-04	6.38E-10	1.47E+00	2.42E-01	6.23E-01	5.78E-06	1.21E-06	6.89E-05	1.63E-06	7.15E-05	7.90E-05	3.85E-04	3.15E-04	6.95E-05	2.75E-04	1.28E-05	1.29E-05	3.73E-06	8.81E-06
358.308	6368.785	School Tafe	7.66E-01	3.14E-01	5.10E+00	9.39E+00	6.32E-01	7.19E-01	8.04E-04	1.70E-09	3.55E+00	5.88E-01	1.09E+00	2.10E-05	4.58E-06	2.41E-04	5.66E-06	2.54E-04	3.01E-04	1.83E-03	1.15E-03	2.44E-04	9.60E-04	5.35E-05	4.48E-05	1.30E-05	3.06E-05
358.517	6368.924	Residential	3.62E-01	1.56E-01	3.45E+00	6.46E+00	4.38E-01	5.16E-01	4.03E-04	1.23E-09	2.53E+00	4.14E-01	7.15E-01	8.76E-06	1.91E-06	1.01E-04	2.36E-06	1.06E-04	1.25E-04	7.58E-04	4.80E-04	1.02E-04	4.01E-04	2.23E-05	1.87E-05	5.41E-06	1.28E-05
358.402	6368.881	Residential	5.56E-01	2.31E-01	4.21E+00	8.21E+00	5.39E-01	6.18E-01	6.61E-04	1.58E-09	3.20E+00	5.21E-01	8.67E-01	1.49E-05	3.31E-06	1.68E-04	3.93E-06	1.78E-04	2.18E-04	1.43E-03	8.19E-04	1.70E-04	6.69E-04	4.02E-05	3.11E-05	9.01E-06	2.13E-05
358.091	6368.749	Residential	8.57E-01	3.68E-01	5.14E+00	8.25E+00	5.66E-01	6.97E-01	6.99E-04	1.41E-09	3.13E+00	5.14E-01	1.19E+00	2.09E-05	4.44E-06	2.47E-04	5.83E-06	2.58E-04	2.90E-04	1.50E-03	1.14E-03	2.50E-04	9.85E-04	4.82E-05	4.61E-05	1.34E-05	3.16E-05
358.021	6368.716	Residential	7.10E-01	3.08E-01	4.38E+00	6.96E+00	4.83E-01	5.82E-01	5.63E-04	1.19E-09	2.64E+00	4.38E-01	1.01E+00	1.70E-05	3.58E-06	2.02E-04	4.75E-06	2.09E-04	2.34E-04	1.18E-03	9.26E-04	2.03E-04	8.03E-04	3.85E-05	3.76E-05	1.09E-05	2.57E-05
357.945	6368.69	Residential	5.70E-01	2.49E-01	3.78E+00	5.92E+00	4.11E-01	4.92E-01	4.55E-04	1.00E-09	2.25E+00	3.74E-01	8.77E-01	1.34E-05	2.83E-06	1.60E-04	3.76E-06	1.66E-04	1.85E-04	9.23E-04	7.32E-04	1.61E-04	6.36E-04	3.02E-05	2.98E-05	8.62E-06	2.04E-05
357.86	6368.642	Residential	3.74E-01	1.64E-01	2.92E+00	4.52E+00	3.13E-01	3.76E-01	3.21E-04	7.70E-10	1.73E+00	2.87E-01	6.82E-01	8.85E-06	1.86E-06	1.05E-04	2.49E-06	1.09E-04	1.21E-04	5.97E-04	4.82E-04	1.06E-04	4.20E-04	1.97E-05	1.97E-05	5.70E-06	1.35E-05
357.777	6368.612	Residential	2.56E-01	1.13E-01	2.39E+00	3.66E+00	2.49E-01	3.14E-01	2.40E-04	6.30E-10	1.42E+00	2.32E-01	5.62E-01	5.98E-06	1.26E-06	7.10E-05	1.67E-06	7.38E-05	8.20E-05	4.09E-04	3.25E-04	7.16E-05	2.83E-04	1.34E-05	1.33E-05	3.84E-06	9.07E-06
357.675	6368.56	Residential	1.59E-01	7.00E-02	1.89E+00	2.95E+00	1.97E-01	2.58E-01	1.75E-04	5.17E-10	1.15E+00	1.87E-01	4.41E-01	3.66E-06	7.79E-07	4.30E-05	1.01E-06	4.48E-05	5.10E-05	2.74E-04	2.00E-04	4.34E-05	1.71E-04	8.60E-06	8.01E-06	2.32E-06	5.48E-06
357.587	6368.524	Residential	1.27E-01	5.64E-02	1.73E+00	2.70E+00	1.76E-01	2.42E-01	1.52E-04	4.78E-10	1.06E+00	1.70E-01	4.04E-01	2.87E-06	6.16E-07	3.34E-05	7.85E-07	3.49E-05	4.03E-05	2.27E-04	1.57E-04	3.37E-05	1.33E-04	6.95E-06	6.21E-06	1.80E-06	4.25E-06
357.503	6368.491	Residential	1.11E-01	4.95E-02	1.61E+00	2.55E+00	1.63E-01	2.32E-01	1.40E-04	4.59E-10	1.01E+00	1.60E-01	3.78E-01	2.49E-06	5.38E-07	2.88E-05	6.76E-07	3.02E-05	3.53E-05	2.05E-04	1.36E-04	2.91E-05	1.15E-04	6.16E-06	5.35E-06	1.55E-06	3.66E-06
357.428	6368.461	Residential	1.04E-01	4.68E-02	1.59E+00	2.49E+00	1.57E-01	2.31E-01	1.36E-04	4.51E-10	9.89E-01	1.56E-01	3.74E-01	2.30E-06	4.99E-07	2.65E-05	6.21E-07	2.78E-05	3.28E-05	1.96E-04	1.26E-04	2.68E-05	1.05E-04	5.80E-06	4.92E-06	1.42E-06	3.36E-06
357.365	6368.424	Residential	1.00E-01	4.52E-02	1.59E+00	2.46E+00	1.55E-01	2.29E-01	1.31E-04	4.40E-10	9.74E-01	1.52E-01	3.81E-01	2.19E-06	4.76E-07	2.51E-05	5.89E-07	2.64E-05	3.13E-05	1.89E-04	1.20E-04	2.54E-05	9.99E-05	5.56E-06	4.66E-06	1.35E-06	3.19E-06
357.311	6368.395	Residential	9.62E-02	4.32E-02	1.55E+00	2.41E+00	1.52E-01	2.21E-01	1.28E-04	4.34E-10	9.59E-01	1.49E-01	3.73E-01	2.11E-06	4.61E-07	2.43E-05	5.69E-07	2.55E-05	3.03E-05	1.84E-04	1.16E-04	2.46E-05	9.66E-05	5.40E-06	4.51E-06	1.30E-06	3.08E-06
357.23	6368.368	Residential	9.12E-02	4.07E-02	1.50E+00	2.38E+00	1.50E-01	2.10E-01	1.26E-04	4.37E-10	9.53E-01	1.49E-01	3.57E-01	2.06E-06	4.50E-07	2.36E-05	5.53E-07	2.48E-05	2.95E-05	1.81E-04	1.13E-04	2.39E-05	9.38E-05	5.28E-06	4.38E-06	1.27E-06	2.99E-06
357.149	6368.326	Residential	8.59E-02	3.81E-02	1.45E+00	2.36E+00	1.50E-01	2.01E-01	1.22E-04	4.39E-10	9.48E-01	1.48E-01	3.44E-01	1.99E-06	4.35E-07	2.28E-05	5.34E-07	2.40E-05	2.86E-05	1.76E-04	1.09E-04	2.31E-05	9.07E-05	5.12E-06	4.23E-06	1.22E-06	2.89E-06
357.094	6368.304	Residential	8.35E-02	3.70E-02	1.44E+00	2.35E+00	1.50E-01	1.98E-01	1.19E-04	4.38E-10	9.43E-01	1.48E-01	3.40E-01	1.95E-06	4.26E-07	2.23E-05	5.22E-07	2.35E-05	2.80E-05	1.72E-04	1.07E-04	2.26E-05	8.87E-05	5.01E-06	4.14E-06	1.20E-06	2.83E-06
357.041	6368.276	Residential	8.06E-02	3.57E-02	1.42E+00	2.31E+00	1.48E-01	1.95E-01	1.15E-04	4.31E-10	9.29E-01	1.45E-01	3.36E-01	1.88E-06	4.10E-07	2.15E-05	5.03E-07	2.26E-05	2.70E-05	1.66E-04	1.03E-04	2.17E-05	8.54E-05	4.83E-06	3.98E-06	1.15E-06	2.73E-06
356.976	6368.254	Residential	7.85E-02	3.48E-02	1.40E+00	2.29E+00	1.47E-01	1.92E-01	1.12E-04	4.28E-10	9.21E-01	1.43E-01	3.34E-01	1.81E-06	3.98E-07	2.08E-05	4.86E-07	2.18E-05	2.61E-05	1.62E-04	9.95E-05	2.10E-05	8.26E-05	4.69E-06	3.85E-06	1.11E-06	2.63E-06
356.911	6368.233	Residential	7.74E-02	3.45E-02	1.41E+00	2.29E+00	1.47E-01	1.90E-01	1.10E-04	4.29E-10	9.24E-01	1.44E-01	3.36E-01	1.77E-06	3.89E-07	2.03E-05	4.74E-07	2.13E-05	2.56E-05	1.60E-04	9.73E-05	2.05E-05	8.05E-05	4.61E-06	3.75E-06	1.09E-06	2.57E-06
356.774	6368.158	Residential	7.51E-02	3.36E-02	1.41E+00	2.31E+00	1.50E-01	1.86E-01	1.08E-04	4.39E-10	9.39E-01	1.46E-01	3.35E-01	1.71E-06	3.76E-07	1.94E-05	4.55E-07	2.05E-05	2.47E-05	1.57E-04	9.37E-05	1.97E-05	7.73E-05	4.50E-06	3.60E-06	1.04E-06	2.46E-06
356.689	6368.137	Residential	7.60E-02	3.40E-02	1.42E+00	2.36E+00	1.55E-01	1.88E-01	1.10E-04	4.50E-10	9.59E-01	1.50E-01	3.35E-01	1.73E-06	3.82E-07	1.97E-05	4.61E-07	2.08E-05	2.51E-05	1.61E-04	9.50E-05	1.99E-05	7.83E-05	4.58E-06	3.65E-06	1.06E-06	2.49E-06
356.744	6367.995	Residential	6.09E-02	2.70E-02	1.26E+00	2.17E+00	1.41E-01	1.64E-01	9.31E-05	4.29E-10	8.97E-01	1.41E-01	2.93E-01	1.44E-06	3.17E-07	1.63E-05	3.81E-07	1.72E-05	2.09E-05	1.35E-04	7.88E-05	1.65E-05	6.47E-05	3.83E-06	3.01E-06	8.72E-07	2.06E-06
356.851	6368.027	Residential	6.12E-02	2.71E-02	1.23E+00	2.09E+00	1.34E-01	1.62E-01	9.26E-05	4.09E-10	8.60E-01	1.34E-01	2.87E-01	1.44E-06	3.19E-07	1.64E-05	3.84E-07	1.73E-05	2.10E-05	1.34E-04	7.93E-05	1.66E-05	6.53E-05	3.82E-06	3.04E-06	8.80E-07	2.08E-06
356.949	6368.066	Residential	6.34E-02	2.80E-02	1.23E+00	2.07E+00	1.34E-01	1.64E-01	9.48E-05	3.99E-10	8.45E-01	1.32E-01	2.88E-01	1.50E-06	3.31E-07	1.72E-05	4.02E-07	1.81E-05	2.17E-05	1.37E-04	8.25E-05	1.74E-05	6.82E-05	3.93E-06	3.18E-06	9.20E-07	2.18E-06
357.038	6368.11	Residential	6.71E-02	2.96E-02	1.26E+00	2.11E+00	1.36E-01	1.68E-01	9.99E-05	4.03E-10	8.57E-01	1.34E-01	2.95E-01	1.60E-06	3.50E-07	1.82E-05	4.26E-07	1.92E-05	2.30E-05	1.44E-04	8.75E-05	1.84E-05	7.24E-05	4.15E-06	3.38E-06	9.77E-07	2.31E-06
357.112	6368.139	Residential	6.95E-02	3.07E-02	1.26E+00	2.12E+00	1.37E-01	1.71E-01	1.04E-04	4.05E-10	8.61E-01	1.35E-01	2.96E-01	1.65E-06	3.62E-07	1.88E-05	4.41E-07	1.98E-05	2.38E-05	1.49E-04	9.04E-05	1.90E-05	7.49E-05	4.30E-06	3.49E-06	1.01E-06	2.39E-06
357.186	6368.176	Residential	7.22E-02	3.19E-02	1.28E+00	2.12E+00	1.36E-01	1.75E-01	1.06E-04	4.01E-10	8.56E-01	1.34E-01	3.00E-01	1.70E-06	3.73E-07	1.94E-05	4.55E-07	2.05E-05	2.45E-05	1.53E-04	9.33E-05	1.97E-05	7.73E-05	4.42E-06	3.60E-06	1.04E-06	2.46E-06
357.28	6368.261	Residential	8.02E-02	3.55E-02	1.36E+00	2.19E+00	1.40E-01	1.89E-01	1.14E-04	4.03E-10	8.76E-01	1.37E-01	3.24E-01	1.85E-06	4.05E-07	2.12E-05	4.97E-07	2.23E-05	2.66E-05	1.64E-04	1.02E-04	2.15E-05	8.44E-05	4.77E-06	3.94E-06	1.14E-06	2.69E-06
357.369	6368.254	Residential	7.98E-02	3.54E-02	1.35E+00	2.16E+00	1.38E-01	1.88E-01	1.13E-04	3.96E-10	8.62E-01	1.34E-01	3.21E-01	1.84E-06	4.02E-07	2.10E-05	4.93E-07	2.21E-05	2.64E-05	1.63E-04	1.01E-04	2.13E-05	8.37E-05	4.73E-06	3.90E-06	1.13E-06	2.67E-06
357.43	6368.28	Residential	8.13E-02	3.59E-02	1.33E+00	2.17E+00	1.38E-01	1.86E-01	1.16E-04	4.02E-10	8.67E-01	1.36E-01	3.13E-01	1.90E-06	4.15E-07	2.17E-05	5.09E-07	2.28E-05	2.72E-05	1.68E-04	1.04E-04	2.20E-05	8.64E-05	4.88E-06	4.03E-06	1.17E-06	2.76E-06
357.59	6368.343	Residential	9.10E-02	3.98E-02	1.36E+00	2.24E+00	1.46E-01	1.83E-01	1.25E-04	4.15E-10	8.93E-01	1.42E-01	3.18E-01	2.18E-06	4.74E-07	2.52E-05	5.90E-07	2.64E-05	3.11E-05	1.85E-04	1.19E-04	2.54E-05	1.00E-04	5.48E-06	4.67E-06	1.35E-06	3.20E-06
357.673	6368.385	Residential	1.03E-01	4.49E-02	1.43E+00	2.36E+00	1.57E-01	1.90E-01	1.36E-04	4.33E-10	9.34E-01	1.51E-01	3.31E-01	2.52E-06	5.43E-07	2.92E-05	6.86E-07	3.06E-05	3.56E-05	2.06E-04	1.38E-04	2.95E-05	1.16E-04	6.20E-06	5.43E-06	1.57E-06	3.71E-06
357.748	6368.412	Residential	1.19E-01	5.12E-02	1.50E+00	2.48E+00	1.67E-01	1.96E-01	1.49E-04	4.54E-10	9.79E-01	1.59E-01	3.43E-01	2.95E-06	6.33E-07	3.44E-05	8.09E-07	3.60E-05	4.15E-05	2.32E-04	1.61E-04	3.48E-05	1.37E-04	7.12E-06	6.41E-06	1.85E-06	4.38E-06
357.804	6368.446	Residential	1.45E-01	6.26E-02	1.66E+00	2.73E+00	1.84E-01	2.15E-01	1.71E-04	4.99E-10	1.08E+00	1.76E-01	3.82E-01	3.63E-06	7.74E-07	4.25E-05	1.00E-06	4.44E-05	5.06E-05	2.75E-04	1.98E-04	4.29E-05	1.69E-04	8.59E-06	7.92E-06	2.29E-06	5.42E-06
357.885	6368.483	Residential	1.99E-01	8.54E-02	1.97E+00	3.24E+00	2.23E-01	2.50E-01	2.13E-04	5.86E-10	1.27E+00	2.09E-01	4.53E-01	5.04E-06	1.07E-06	5.94E-05	1.40E-06	6.19E-05	6.98E-05	3.66E-04	2.75E-04	6.00E-05	2.37E-04	1.17E-05	1.11E-05	3.21E-06	7.58E-06
357.973	6368.502	Residential	2.57E-01	1.10E-01	2.24E+00	3.76E+00	2.65E-01	2.81E-01	2.61E-04	6.75E-10	1.46E+00	2.44E-01	5.05E-01	6.62E-06	1.40E-06	7.81E-05	1.84E-06	8.13E-05	9.17E-05	4.80E-04	3.61E-04	7.88E-05	3.11E-04	1.53E-05	1.46E-05	4.21E-06	9.96E-06

358.079	6368.556	Residential	3.85E-01	1.65E-01	2.86E+00	4.86E+00	3.42E-01	3.62E-01	3.63E-04	8.73E-10	1.88E+00	3.14E-01	6.39E-01	9.80E-06	2.08E-06	1.15E-04	2.72E-06	1.20E-04	1.36E-04	7.22E-04	5.35E-04	1.16E-04	4.59E-04	2.29E-05	2.15E-05	6.22E-06	1.47E-05
358.157	6368.589	Residential	4.85E-01	2.07E-01	3.40E+00	5.79E+00	4.05E-01	4.37E-01	4.47E-04	1.04E-09	2.24E+00	3.72E-01	7.64E-01	1.23E-05	2.61E-06	1.44E-04	3.39E-06	1.50E-04	1.71E-04	9.16E-04	6.69E-04	1.45E-04	5.74E-04	2.88E-05	2.68E-05	7.77E-06	1.84E-05
358.449	6368.729	Residential	5.20E-01	2.08E-01	4.25E+00	8.14E+00	5.62E-01	5.91E-01	5.70E-04	1.53E-09	3.14E+00	5.21E-01	8.83E-01	1.49E-05	3.19E-06	1.73E-04	4.07E-06	1.81E-04	2.09E-04	1.18E-03	8.13E-04	1.75E-04	6.90E-04	3.60E-05	3.22E-05	9.33E-06	2.21E-05
358.547	6368.77	Residential	3.61E-01	1.43E-01	3.69E+00	7.41E+00	5.13E-01	5.26E-01	4.57E-04	1.46E-09	2.92E+00	4.81E-01	7.42E-01	1.05E-05	2.27E-06	1.22E-04	2.87E-06	1.28E-04	1.49E-04	8.56E-04	5.75E-04	1.23E-04	4.86E-04	2.58E-05	2.27E-05	6.57E-06	1.55E-05
358.615	6368.712	Residential	2.86E-01	1.14E-01	3.46E+00	6.91E+00	4.87E-01	4.85E-01	3.81E-04	1.37E-09	2.73E+00	4.52E-01	6.96E-01	8.30E-06	1.78E-06	9.67E-05	2.27E-06	1.01E-04	1.17E-04	6.58E-04	4.54E-04	9.77E-05	3.85E-04	2.01E-05	1.80E-05	5.21E-06	1.23E-05
358.538	6368.685	Residential	3.89E-01	1.55E-01	3.90E+00	7.52E+00	5.33E-01	5.38E-01	4.49E-04	1.44E-09	2.93E+00	4.87E-01	8.05E-01	1.12E-05	2.38E-06	1.31E-04	3.08E-06	1.37E-04	1.56E-04	8.43E-04	6.09E-04	1.32E-04	5.21E-04	2.64E-05	2.44E-05	7.06E-06	1.67E-05
358.477	6368.653	Residential	4.56E-01	1.86E-01	4.05E+00	7.45E+00	5.25E-01	5.47E-01	4.77E-04	1.39E-09	2.89E+00	4.79E-01	8.70E-01	1.26E-05	2.69E-06	1.48E-04	3.49E-06	1.55E-04	1.76E-04	9.41E-04	6.89E-04	1.50E-04	5.91E-04	2.96E-05	2.77E-05	8.01E-06	1.89E-05
358.378	6368.621	Residential	5.22E-01	2.19E-01	4.04E+00	7.09E+00	4.93E-01	5.31E-01	5.10E-04	1.31E-09	2.77E+00	4.55E-01	9.04E-01	1.37E-05	2.93E-06	1.61E-04	3.79E-06	1.68E-04	1.92E-04	1.04E-03	7.50E-04	1.63E-04	6.41E-04	3.26E-05	3.00E-05	8.68E-06	2.05E-05
358.278	6368.577	Residential	4.85E-01	2.06E-01	3.57E+00	6.19E+00	4.33E-01	4.59E-01	4.66E-04	1.13E-09	2.41E+00	4.00E-01	8.00E-01	1.25E-05	2.67E-06	1.46E-04	3.44E-06	1.53E-04	1.74E-04	9.51E-04	6.82E-04	1.48E-04	5.83E-04	2.96E-05	2.73E-05	7.89E-06	1.86E-05
358.17	6368.525	Residential	3.79E-01	1.62E-01	2.87E+00	5.00E+00	3.52E-01	3.62E-01	3.66E-04	9.13E-10	1.94E+00	3.25E-01	6.38E-01	9.74E-06	2.08E-06	1.14E-04	2.69E-06	1.19E-04	1.36E-04	7.33E-04	5.32E-04	1.15E-04	4.55E-04	2.30E-05	2.13E-05	6.16E-06	1.46E-05
358.082	6368.483	Residential	2.87E-01	1.23E-01	2.38E+00	4.11E+00	2.93E-01	2.96E-01	2.88E-04	7.46E-10	1.59E+00	2.68E-01	5.26E-01	7.44E-06	1.58E-06	8.74E-05	2.06E-06	9.12E-05	1.04E-04	5.55E-04	4.06E-04	8.83E-05	3.48E-04	1.75E-05	1.63E-05	4.72E-06	1.11E-05
357.98	6368.446	Residential	2.09E-01	8.95E-02	1.98E+00	3.36E+00	2.36E-01	2.48E-01	2.24E-04	6.12E-10	1.31E+00	2.18E-01	4.47E-01	5.41E-06	1.15E-06	6.37E-05	1.50E-06	6.64E-05	7.53E-05	4.01E-04	2.95E-04	6.43E-05	2.54E-04	1.26E-05	1.19E-05	3.44E-06	8.12E-06
357.894	6368.403	Residential	1.52E-01	6.52E-02	1.67E+00	2.82E+00	1.93E-01	2.13E-01	1.77E-04	5.24E-10	1.12E+00	1.83E-01	3.83E-01	3.88E-06	8.29E-07	4.55E-05	1.07E-06	4.74E-05	5.42E-05	2.95E-04	2.12E-04	4.59E-05	1.81E-04	9.20E-06	8.47E-06	2.45E-06	5.79E-06
357.833	6368.376	Residential	1.24E-01	5.32E-02	1.49E+00	2.53E+00	1.71E-01	1.93E-01	1.54E-04	4.70E-10	1.00E+00	1.63E-01	3.41E-01	3.14E-06	6.73E-07	3.66E-05	8.60E-07	3.83E-05	4.41E-05	2.47E-04	1.71E-04	3.70E-05	1.46E-04	7.57E-06	6.81E-06	1.97E-06	4.66E-06
357.748	6368.337	Residential	9.96E-02	4.29E-02	1.35E+00	2.29E+00	1.55E-01	1.77E-01	1.33E-04	4.25E-10	9.07E-01	1.47E-01	3.08E-01	2.50E-06	5.40E-07	2.90E-05	6.81E-07	3.04E-05	3.54E-05	2.04E-04	1.37E-04	2.93E-05	1.15E-04	6.15E-06	5.39E-06	1.56E-06	3.69E-06
357.653	6368.335	Residential	9.30E-02	4.04E-02	1.36E+00	2.26E+00	1.49E-01	1.80E-01	1.27E-04	4.17E-10	8.96E-01	1.44E-01	3.14E-01	2.27E-06	4.92E-07	2.62E-05	6.16E-07	2.75E-05	3.23E-05	1.90E-04	1.24E-04	2.65E-05	1.04E-04	5.66E-06	4.87E-06	1.41E-06	3.33E-06
357.575	6368.282	Residential	8.22E-02	3.59E-02	1.28E+00	2.14E+00	1.39E-01	1.72E-01	1.17E-04	3.99E-10	8.54E-01	1.36E-01	2.96E-01	1.99E-06	4.33E-07	2.29E-05	5.37E-07	2.40E-05	2.84E-05	1.72E-04	1.09E-04	2.31E-05	9.10E-05	5.05E-06	4.25E-06	1.23E-06	2.91E-06
357.512	6368.248	Residential	7.72E-02	3.38E-02	1.24E+00	2.09E+00	1.35E-01	1.70E-01	1.12E-04	3.93E-10	8.37E-01	1.32E-01	2.88E-01	1.86E-06	4.06E-07	2.13E-05	4.99E-07	2.24E-05	2.67E-05	1.64E-04	1.02E-04	2.15E-05	8.47E-05	4.77E-06	3.95E-06	1.14E-06	2.70E-06
357.444	6368.222	Residential	7.56E-02	3.33E-02	1.26E+00	2.09E+00	1.34E-01	1.75E-01	1.10E-04	3.90E-10	8.36E-01	1.31E-01	2.96E-01	1.78E-06	3.90E-07	2.04E-05	4.78E-07	2.15E-05	2.56E-05	1.59E-04	9.78E-05	2.06E-05	8.11E-05	4.61E-06	3.78E-06	1.10E-06	2.59E-06
357.392	6368.197	Residential	7.42E-02	3.28E-02	1.27E+00	2.07E+00	1.32E-01	1.75E-01	1.07E-04	3.83E-10	8.28E-01	1.29E-01	3.01E-01	1.73E-06	3.78E-07	1.97E-05	4.63E-07	2.08E-05	2.48E-05	1.54E-04	9.46E-05	2.00E-05	7.85E-05	4.47E-06	3.66E-06	1.06E-06	2.51E-06
357.313	6368.176	Residential	7.30E-02	3.23E-02	1.28E+00	2.07E+00	1.33E-01	1.75E-01	1.05E-04	3.82E-10	8.28E-01	1.29E-01	3.04E-01	1.69E-06	3.71E-07	1.94E-05	4.54E-07	2.04E-05	2.44E-05	1.51E-04	9.29E-05	1.96E-05	7.71E-05	4.38E-06	3.60E-06	1.04E-06	2.46E-06
357.248	6368.141	Residential	6.93E-02	3.06E-02	1.23E+00	2.03E+00	1.31E-01	1.68E-01	1.02E-04	3.81E-10	8.16E-01	1.28E-01	2.90E-01	1.63E-06	3.58E-07	1.87E-05	4.37E-07	1.96E-05	2.35E-05	1.46E-04	8.95E-05	1.89E-05	7.42E-05	4.23E-06	3.46E-06	1.00E-06	2.37E-06
357.195	6368.111	Residential	6.70E-02	2.95E-02	1.21E+00	2.03E+00	1.31E-01	1.65E-01	1.00E-04	3.86E-10	8.21E-01	1.29E-01	2.83E-01	1.59E-06	3.50E-07	1.82E-05	4.26E-07	1.92E-05	2.30E-05	1.44E-04	8.74E-05	1.84E-05	7.23E-05	4.15E-06	3.37E-06	9.76E-07	2.31E-06
357.124	6368.079	Residential	6.50E-02	2.85E-02	1.20E+00	2.05E+00	1.32E-01	1.62E-01	9.85E-05	3.95E-10	8.34E-01	1.31E-01	2.80E-01	1.56E-06	3.43E-07	1.78E-05	4.16E-07	1.87E-05	2.25E-05	1.42E-04	8.55E-05	1.80E-05	7.07E-05	4.08E-06	3.29E-06	9.53E-07	2.25E-06
357.042	6368.056	Residential	6.35E-02	2.79E-02	1.21E+00	2.06E+00	1.34E-01	1.62E-01	9.59E-05	3.98E-10	8.40E-01	1.32E-01	2.82E-01	1.52E-06	3.35E-07	1.74E-05	4.07E-07	1.83E-05	2.20E-05	1.38E-04	8.36E-05	1.76E-05	6.91E-05	3.98E-06	3.22E-06	9.32E-07	2.20E-06
356.934	6367.994	Residential	5.90E-02	2.60E-02	1.19E+00	2.02E+00	1.31E-01	1.56E-01	8.95E-05	3.95E-10	8.30E-01	1.30E-01	2.76E-01	1.41E-06	3.10E-07	1.61E-05	3.76E-07	1.69E-05	2.04E-05	1.29E-04	7.74E-05	1.63E-05	6.39E-05	3.70E-06	2.98E-06	8.62E-07	2.04E-06
356.834	6367.961	Residential	5.68E-02	2.50E-02	1.19E+00	2.04E+00	1.32E-01	1.55E-01	8.75E-05	4.05E-10	8.46E-01	1.33E-01	2.74E-01	1.35E-06	2.99E-07	1.54E-05	3.60E-07	1.62E-05	1.97E-05	1.27E-04	7.43E-05	1.56E-05	6.11E-05	3.60E-06	2.85E-06	8.24E-07	1.95E-06
356.761	6367.924	Residential	5.53E-02	2.44E-02	1.20E+00	2.09E+00	1.36E-01	1.55E-01	8.64E-05	4.21E-10	8.74E-01	1.37E-01	2.76E-01	1.32E-06	2.93E-07	1.50E-05	3.50E-07	1.58E-05	1.93E-05	1.25E-04	7.26E-05	1.52E-05	5.95E-05	3.54E-06	2.77E-06	8.02E-07	1.90E-06
356.971	6368.344	Residential	8.78E-02	3.91E-02	1.52E+00	2.42E+00	1.55E-01	2.10E-01	1.22E-04	4.47E-10	9.73E-01	1.51E-01	3.65E-01	1.99E-06	4.36E-07	2.29E-05	5.35E-07	2.40E-05	2.87E-05	1.77E-04	1.09E-04	2.31E-05	9.09E-05	5.14E-06	4.24E-06	1.23E-06	2.90E-06
356.884	6368.289	Residential	8.49E-02	3.81E-02	1.51E+00	2.41E+00	1.55E-01	2.04E-01	1.17E-04	4.44E-10	9.67E-01	1.50E-01	3.64E-01	1.90E-06	4.17E-07	2.17E-05	5.09E-07	2.29E-05	2.74E-05	1.71E-04	1.04E-04	2.20E-05	8.64E-05	4.94E-06	4.03E-06	1.17E-06	2.76E-06
356.797	6368.271	Residential	8.74E-02	3.94E-02	1.55E+00	2.46E+00	1.60E-01	2.08E-01	1.20E-04	4.52E-10	9.86E-01	1.53E-01	3.73E-01	1.93E-06	4.23E-07	2.20E-05	5.14E-07	2.31E-05	2.78E-05	1.75E-04	1.06E-04	2.22E-05	8.73E-05	5.03E-06	4.07E-06	1.18E-06	2.79E-06
356.718	6368.249	Residential	8.78E-02	3.95E-02	1.53E+00	2.48E+00	1.62E-01	2.06E-01	1.22E-04	4.61E-10	9.97E-01	1.55E-01	3.66E-01	1.95E-06	4.30E-07	2.22E-05	5.20E-07	2.34E-05	2.83E-05	1.80E-04	1.07E-04	2.25E-05	8.83E-05	5.14E-06	4.11E-06	1.19E-06	2.81E-06
356.655	6368.227	Residential	8.68E-02	3.90E-02	1.50E+00	2.49E+00	1.62E-01	2.02E-01	1.24E-04	4.71E-10	1.01E+00	1.58E-01	3.56E-01	1.96E-06	4.33E-07	2.23E-05	5.21E-07	2.35E-05	2.85E-05	1.83E-04	1.08E-04	2.25E-05	8.85E-05	5.20E-06	4.12E-06	1.19E-06	2.82E-06
356.62	6368.373	Residential	1.12E-01	5.08E-02	1.73E+00	2.79E+00	1.77E-01	2.30E-01	1.53E-04	5.23E-10	1.13E+00	1.74E-01	4.16E-01	2.47E-06	5.46E-07	2.80E-05	6.56E-07	2.96E-05	3.59E-05	2.32E-04	1.36E-04	2.84E-05	1.11E-04	6.58E-06	5.19E-06	1.50E-06	3.55E-06
356.685	6368.372	Residential	1.09E-01	4.95E-02	1.71E+00	2.73E+00	1.74E-01	2.33E-01	1.46E-04	5.07E-10	1.10E+00	1.70E-01	4.15E-01	2.35E-06	5.19E-07	2.67E-05	6.24E-07	2.82E-05	3.41E-05	2.20E-04	1.29E-04	2.70E-05	1.06E-04	6.24E-06	4.94E-06	1.43E-06	3.38E-06
356.733	6368.41	Residential	1.14E-01	5.19E-02	1.78E+00	2.79E+00	1.77E-01	2.46E-01	1.49E-04	5.10E-10	1.12E+00	1.72E-01	4.35E-01	2.41E-06	5.30E-07	2.73E-05	6.40E-07	2.88E-05	3.49E-05	2.23E-04	1.32E-04	2.77E-05	1.09E-04	6.36E-06	5.06E-06	1.47E-06	3.47E-06
356.811	6368.454	Residential	1.16E-01	5.31E-02	1.86E+00	2.81E+00	1.79E-01	2.59E-01	1.47E-04	4.99E-10	1.12E+00	1.71E-01	4.57E-01	2.40E-06	5.27E-07	2.74E-05	6.40E-07	2.88E-05	3.46E-05	2.18E-04	1.32E-04	2.77E-05	1.09E-04	6.27E-06	5.07E-06	1.47E-06	3.47E-06
356.873	6368.504	Residential	1.21E-01	5.57E-02	1.96E+00	2.87E+00	1.82E-01	2.76E-01	1.47E-04	4.99E-10	1.14E+00	1.74E-01	4.87E-01	2.44E-06	5.33E-07	2.79E-05	6.53E-07	2.93E-05	3.50E-05	2.17E-04	1.34E-04	2.82E-05	1.11E-04	6.29E-06	5.17E-06	1.50E-06	3.54E-06
357.467	6368.789	Residential	1.64E-01	7.58E-02	2.66E+00	3.65E+00	2.31E-01	4.55E-01	1.48E-04	5.62E-10	1.35E+00	2.16E-01	6.25E-01	2.99E-06	6.32E-07	3.54E-05	8.33E-07	3.68E-05	4.12E-05	2.12E-04	1.63E-04	3.57E-05	1.41E-04	6.83E-06	6.60E-06	1.91E-06	4.51E-06
357.091	6370	Residential	1.50E-01	6.61E-02	2.82E+00	4.07E+00	2.33E-01	5.38E-01	1.43E-04	6.35E-10	1.47E+00	2.35E-01	6.21E-01	2.67E-06	5.68E-07	3.14E-05	7.38E-07	3.27E-05	3.71E-05	1.99E-04	1.46E-04	3.17E-05	1.25E-04	6.26E-06	5.85E-06	1.69E-06	4.00E-06
357.742	6369.959	Residential	8.38E-02	3.70E-02	1.70E+00	2.42E+00	1.44E-01	3.21E-01	7.11E-05	3.61E-10	8.55E-01	1.37E-01	3.79E-01	1.47E-06	3.09E-07	1.75E-05	4.12E-07	1.81E-05	2.01E-05	9.98E-05	8.00E-05	1.76E-05	6.96E-05	3.29E-06	3.26E-06	9.44E-07	2.23E-06
358.088	6370.204	Residential	6.57E-02	2.92E-02	1.32E+00	2.04E+00	1.23E-01	2.21E-01	7.27E-05	3.58E-10	7.90E-01	1.24E-01	2.98E-01	1.26E-06	2.73E-07	1.47E-05	3.45E-07	1.54E-05	1.79E-05	1.02E-04	6.92E-05	1.49E-05	5.85E-05	3.09E-06	2.73E-06	7.91E-07	1.87E-06
358.155	6370.188	Residential	6.53E-02	2.89E-02	1.30E+00	2.04E+00	1.27E-01	2.16E-01	7.40E-05	3.60E-10	7.91E-01	1.26E-01	2.93E-01	1.30E-06	2.79E-07	1.51E-05	3.55E-07	1.58E-05	1.83E-05	1.04E-04	7.10E-05	1.53E-05	6.02E-05	3.16E-06	2.81E-06	8.14E-07	1.92E-06
358.206	6370.073	Residential	7.07E-02	3.05E-02	1.38E+00	2.23E+00	1.43E-01	2.29E-01	8.34E-05	3.92E-10	8.52E-01	1.39E-01	2.99E-01	1.49E-06	3.19E-07	1.74E-05	4.09E-07	1.82E-05	2.09E-05	1.17E-04	8.13E-05	1.76E-05	6.92E-05	3.58E-06	3.23E-06	9.36E-07	2.21E-06
358.314	6370.02	Residential	7.91E-02	3.50E-02	1.51E+00	2.35E+00	1.48E-01	2.48E-01	9.12E-05	4.18E-10	9.17E-01	1.46E-01	3.42E-01	1.57E-06	3.39E-07	1.83E-05	4.30E-07	1.91E-05	2.22E-05	1.27E-04	8.61E-05	1.85E-05	7.28E-05	3.85E-06	3.40E-06	9.84E-07	2.33E-06
358.403	6369.962	Residential	8.07E-02	3.59E-02	1.53E+00	2.42E+00	1.55E-01	2.46E-01	9.53E-05	4.37E-10	9.54E-01	1.53E-01	3.48E-01	1.64E-06	3.54E-07	1.91E-05	4.48E-07	2.00E-05	2.32E-05	1.33E-04	8.98E-05	1.93E-05	7.59E-05	4.03E-06	3.55E-06	1.03E-06	2.43E-06
356.494	6369.541	Residential	1.59E-01	6.80E-02	3.16E+00	4.96E+00	3.13E-01	5.48E-01	1.75E-04	8.51E-10	1.87E+00	3.16E-01	6.64E-01	3.32E-06	7.05E-07	3.91E-05	9.21E-07	4.07E-05	4.61E-05	2.44E-04	1.81E-04	3.95E-05	1.56E-04	7.73E-06	7.29E-06	2.11E-06	4.99E-06
356.574	6369.476	Residential	1.76E-01	7.53E-02	3.51E+00	5.38E+00	3.33E-01	6.35E-01	1.84E-04	8.94E-10	2.00E+00	3.35E-01	7.37E-01	3.54E-06	7.50E-07	4.18E-05	9.84E-07	4.35E-05	4.90E-05	2.56E-04	1.93E-04	4.22E-05	1.66E-04	8.17E-06	7.79E-06	2.25E-06	5.33E-06
356.38	6369.869	Residential	1.45E-01	6.24E-02	2.77E+00	4.28E+00	2.79E-01	4.57E-01	1.54E-04	7.22E-10	1.61E+00	2.69E-01	6.06E-01	3.03E-06	6.41E-07	3.59E-05	8.45E-07	3.73E-05	4.19E-05	2.15E-04	1.65E-04	3.62E-05	1.43E-04	6.93E-06	6.69E-06	1.94E-06	4.58E-06
356.336	6369.757	Residential	1.37E-01	5.89E-02	2.68E+00	4.24E+00	2.76E-01	4.30E-01	1.56E-04	7.40E-10	1.62E+00	2.71E-01	5.80E-01	2.91E-06	6.20E-07	3.43E-05	8.06E-07	3.57E-05	4.05E-05	2.17E-04	1.59E-04	3.46E-05	1.36E-04	6.83E-06	6.38E-06	1.85E-06	4.37E-06
356.373	6369.623	Residential	1.44E-01	6.13E-02	2.85E+00	4.57E+00	2.94E-01	4.67E-01	1.69E-04	8.13E-10	1.76E+00	2.96E-01	6.03E-01	3.12E-06	6.66E-07	3.66E-05	8.62E-07	3.82E-05	4.35E-05	2.35E-04	1.70E-04	3.70E-05	1.46E-04	7.36E-06	6.82E-06	1.98E-06	4.67E-06
356.391	6369.531	Residential	1.52E-01	6.46E-02	3.04E+00	4.87E+00	3.12E-01	5.02E-01	1.81E-04	8.70E-10	1.89E+00	3.18E-01	6.39E-01	3.33E-06	7.10E-07	3.91E-05	9.19E-07	4.07E-05	4.64E-05	2.51E-04	1.82E-04	3.94E-05	1.55E-04	7.86E-06	7.27E-06	2.11E-06	4.98E-06
356.403	6369.464	Residential	1.58E-01	6.70E-02	3.19E+00	5.13E+00	3.29E-01	5.27E-01	1.92E-04	9.17E-10	1.99E+00	3.37E-01	6.66E-01	3.54E-06	7.54E-07	4.15E-05	9.76E-07	4.33E-05	4.93E-05	2.66E-04	1.93E-04	4.19E-05	1.65E-04	8.34E-06	7.73E-06	2.24E-06	5.29E-06
356.372	6369.291	Residential	1.70E-01	7.26E-02	3.38E+00	5.21E+00	3.39E-01	5.61E-01	1.91E-04	8.96E-10	1.99E+00	3.37E-01	7.28E-01	3.70E-06	7.84E-07	4.37E-05	1.03E-06	4.55E-05	5.12E-05	2.66E-04	2.02E-04	4.41E-05	1.74E-04	8.52E-06	8.15E-06	2.36E-06	5.58E-06
356.369	6369.239	Residential	1.67E-01	7.25E-02	3.33E+00	4.98E+00	3.23E-01	5.49E-01	1.81E-04	8.47E-10	1.91E+00	3.19E-01	7.33E-01	3.53E-06	7.47E-07	4.17E-05	9.83E-07	4.34E-05	4.88E-05	2.52E-04	1.92E-04	4.21E-05	1.66E-04	8.10E-06	7.78E-06	2.25E-06	5.32E-06
356.357	6369.176	Residential	1.59E-01	6.91E-02	3.15E+00	4.65E+00	3.01E-01	5.12E-01	1.69E-04	7.89E-10	1.79E+00	2.97E-01	7.04E-01	3.30E-06	6.99E-07	3.91E-05	9.21E-07	4.07E-05	4.57E-05	2.35E-04	1.80E-04	3.94E-05	1.56E-04	7.57E-06	7.29E-06	2.11E-06	4.99E-06
356.351	6369.137	Residential	1.55E-01	6.77E-02	3.08E+00	4.53E+00	2.94E-01	4.98E-01	1.64E-04	7.64E-10	1.74E+00	2.88E-01	6.89E-01	3.23E-06	6.82E-07	3.82E-05	8.99E-07	3.97E-05	4.45E-05	2.29E-04	1.76E-04	3.85E-05	1.52E-04	7.37E-06	7.12E-06	2.06E-06	4.87E-06
356.347	6369.082	Residential	1.53E-01	6.69E-02	3.00E+00	4.39E+00	2.85E-01	4.89E-01	1.59E-04	7.37E-10	1.68E+00	2.78E-01	6.77E-01	3.14E-06	6.65E-07	3.72E-05	8.77E-07	3.87E-05	4.34E-05	2.22E-04	1.71E-04	3.76E-05	1.48E-04	7.18E-06	6.94E-06	2.01E-06	4.75E-06
356.342	6369.032	Residential	1.50E-01	6.58E-02	2.91E+00	4.24E+00	2.76E-01	4.73E-01	1.56E-04	7.11E-10	1.62E+00	2.68E-01	6.61E-01	3.07E-06	6.49E-07	3.63E-05	8.55E-07	3.78E-05	4.24E-05	2.18E-04	1.67E-04	3.66E-05	1.45E-04	7.02E-06	6.77E-06	1.96E-06	4.63E-06
356.331	6368.986	Residential	1.47E-01	6.49E-02	2.82E+00	4.11E+00	2.68E-01	4.52E-01	1.55E-04	6.92E-10	1.58E+00	2.60E-01	6.45E-01	3.03E-06	6.43E-07	3.58E-05	8.44E-07	3.73E-05	4.20E-05	2.19E-04	1.65E-04	3.62E-05	1.43E-04	7.00E-06	6.68E-06	1.93E-06	4.57E-06
356.319	6368.942	Residential	1.45E-01	6.42E-02	2.71E+00	3.96E+00	2.60E-01	4.27E-01	1.56E-04	6.73E-10	1.53E+00	2.52E-01	6.22E-01	3.03E-06	6.44E-07	3.57E-05	8.40E-07	3.72E-05	4.21E-05	2.22E-04	1.65E-04	3.60E-05	1.42E-04	7.05E-06	6.65E-06	1.93E-06	4.55E-06
356.305	6368.889	Residential	1.45E-01	6.42E-02	2.55E+00	3.77E+00	2.48E-01	3.96E-01	1.59E-04	6.48E-10	1.47E+00	2.41E-01	5.86E-01	3.07E-06	6.55E-07	3.61E-05	8.50E-07	3.77E-05	4.29E-05	2.31E-04	1.68E-04	3.65E-05	1.44E-04	7.24E-06	6.73E-06	1.95E-06	4.60E-06
356.296	6368.839	Residential	1.51E-01	6.71E-02	2.43E+00	3.59E+00	2.36E-01	3.75E-01	1.64E-04	6.24E-10	1.41E+00	2.30E-01	5.65E-01	3.19E-06	6.82E-07	3.74E-05	8.80E-07	3.91E-05	4.46E-05	2.43E-04	1.74E-04	3.78E-05	1.49E-04	7.58E-06	6.97E-06	2.02E-06	4.77E-06
356.292	6368.788	Residential	1.64E-01	7.40E-02	2.40E+00	3.48E+00	2.27E-01	3.67E-01	1.72E-04	6.02E-10	1.37E+00	2.19E-01	5.72E-01	3.41E-06	7.29E-07	3.99E-05	9.38E-07	4.16E-05	4.77E-05	2.62E-04	1.86E-04	4.03E-05	1.59E-04	8.12E-06	7.42E-06	2.15E-06	5.08E-06
356.282	6368.739	Residential	1.81E-01	8.29E-02	2.46E+00	3.44E+00	2.20E-01	3.68E-01	1.82E-04	5.88E-10	1.37E+00	2.12E-01	6.09E-01	3.64E-06	7.80E-07	4.25E-05	1.00E-06	4.44E-05	5.11E-05	2.84E-04	1.99E-04	4.30E-05	1.69E-04	8.74E-06	7.92E-06	2.29E-06	5.42E-06
356.272	6368.708	Residential	1.91E-01	8.80E-02	2.52E+00	3.44E+00	2.17E-01	3.70E-01	1.88E-04	5.85E-10	1.37E+00	2.09E-01	6.38E-01	3.77E-06	8.10E-07	4.40E-05	1.03E-06	4.60E-05	5.30E-05	2.97E-04	2.06E-04	4.45E-05	1.75E-04	9.11E-06	8.19E-06	2.37E-06	5.60E-06
356.268	6368.642	Residential	1.94E-01	8.95E-02	2.51E+00	3.37E+00	2.08E-01	3.51E-01	1.94E-04	5.71E-10	1.35E+00	2.01E-01	6.49E-01	3.89E-06	8.36E-07	4.52E-05	1.06E-06	4.73E-05	5.48E-05	3.11E-04	2.12E-04	4.57E-05	1.80E-04	9.47E-06	8.41E-06	2.44E-06	5.76E-06
356.261	6368.592	Residential	1.82E-01	8.32E-02	2.36E+00	3.25E+00	2.02E-01	3.23E-01	1.91E-04	5.57E-10	1.30E+00	1.94E-01	6.07E-01	3.80E-06	8.19E-07	4.41E-05	1.04E-06	4.62E-05	5.37E-05	3.08E-04	2.08E-04	4.46E-05	1.76E-04	9.31E-06	8.21E-06	2.38E-06	5.62E-06
356.248	6368.564	Residential	1.74E-01	7.88E-02	2.26E+00	3.17E+00	1.99E-01	3.07E-01	1.87E-04	5.48E-10	1.27E+00	1.91E-01	5.78E-01	3.70E-06	7.98E-07	4.29E-05	1.01E-06	4.50E-05	5.23E-05	3.01E-04	2.02E-04	4.34E-05	1.71E-04	9.10E-06	7.98E-06	2.31E-06	5.46E-06
356.249	6368.483	Residential	1.44E-01	6.38E-02	1.94E+00	2.95E+00	1.91E-01	2.60E-01	1.74E-04	5.27E-10	1.18E+00	1.82E-01	4.79E-01	3.33E-06	7.22E-07	3.85E-05	9.04E-07	4.04E-05	4.73E-05	2.78E-04	1.82E-04	3.89E-05	1.53E-04	8.29E-06	7.16E-06	2.07E-06	4.90E-06
356.238	6368.431	Residential	1.29E-01	5.66E-02	1.80E+00	2.84E+00	1.87E-01	2.40E-01	1.64E-04	5.18E-10	1.14E+00	1.78E-01	4.37E-01	3.08E-06	6.70E-07	3.56E-05	8.35E-07	3.73E-05	4.39E-05	2.61E-04	1.69E-04	3.60E-05	1.42E-04	7.74E-06	6.61E-06	1.91E-06	4.52E-06
356.226	6368.383	Residential	1.18E-01	5.12E-02	1.71E+00	2.77E+00	1.85E-01	2.25E-01	1.56E-04	5.12E-10	1.11E+00	1.75E-01	4.08E-01	2.88E-06	6.26E-07	3.32E-05	7.78E-07	3.48E-05	4.11E-05	2.46E-04	1.58E-04	3.35E-05	1.32E-04	7.27E-06	6.16E-06	1.78E-06	4.21E-06
356.218	6368.327	Residential	1.08E-01	4.66E-02	1.64E+00	2.74E+00	1.85E-01	2.15E-01	1.48E-04	5.12E-10	1.10E+00	1.74E-01	3.86E-01	2.69E-06	5.85E-07	3.09E-05	7.25E-07	3.25E-05	3.84E-05	2.32E-04	1.47E-04	3.13E-05	1.23E-04	6.82E-06	5.74E-06	1.66E-06	3.93E-06
356.213	6368.278	Residential	1.01E-01	4.36E-02	1.62E+00	2.74E+00	1.87E-01	2.10E-01	1.42E-04	5.17E-10	1.10E+00	1.76E-01	3.75E-01	2.55E-06	5.56E-07	2.93E-05	6.87E-07	3.08E-05	3.65E-05	2.22E-04	1.40E-04	2.96E-05	1.17E-04	6.50E-06	5.44E-06	1.57E-06	3.72E-06
356.206	6368.229	Residential	9.53E-02	4.10E-02	1.59E+00	2.74E+00	1.88E-01	2.05E-01	1.36E-04	5.22E-10	1.10E+00	1.77E-01	3.65E-01	2.41E-06	5.27E-07	2.77E-05	6.49E-07	2.91E-05	3.46E-05	2.11E-04	1.32E-04	2.80E-05	1.10E-04	6.17E-06	5.14E-06	1.49E-06	3.52E-06
356.194	6368.176	Residential	8.90E-02	3.83E-02	1.57E+00	2.73E+00	1.88E-01	1.99E-01	1.30E-04	5.27E-10	1.10E+00	1.78E-01	3.56E-01	2.26E-06	4.95E-07	2.59E-05	6.08E-07	2.73E-05	3.25E-05	2.00E-04	1.24E-04	2.62E-05	1.03E-04	5.82E-06	4.81E-06	1.39E-06	3.29E-06
355.951	6368.107	Residential	8.00E-02	3.41E-02	1.50E+00	2.70E+00	1.87E-01	1.87E-01	1.23E-04	5.45E-10	1.12E+00	1.81E-01	3.34E-01	2.10E-06	4.61E-07	2.40E-05	5.63E-07	2.53E-05	3.03E-05	1.88E-04	1.15E-04	2.43E-05	9.56E-05	5.44E-06	4.46E-06	1.29E-06	3.05E-06
355.962	6368.172	Residential	8.77E-02	3.76E-02	1.53E+00	2.72E+00	1.87E-01	1.93E-01	1.31E-04	5.39E-10	1.12E+00	1.80E-01	3.45E-01	2.27E-06	4.98E-07	2.60E-05	6.10E-07	2.74E-05	3.27E-05	2.02E-04	1.25E-04	2.63E-05	1.03E-04	5.87E-06	4.83E-06	1.40E-06	3.30E-06
355.977	6368.227	Residential	9.54E-02	4.11E-02	1.58E+00	2.76E+00	1.89E-01	2.01E-01	1.39E-04	5.38E-10	1.13E+00	1.80E-01	3.62E-01	2.43E-06	5.32E-07	2.78E-05	6.52E-07	2.93E-05	3.49E-05	2.15E-04	1.33E-04	2.82E-05	1.11E-04	6.26E-06	5.16E-06	1.50E-06	3.53E-06
355.99	6368.271	Residential	1.02E-01	4.44E-02	1.63E+00	2.79E+00	1.89E-01	2.08E-01	1.45E-04	5.34E-10	1.13E+00	1.80E-01	3.79E-01	2.55E-06	5.58E-07	2.93E-05	6.86E-07	3.08E-05	3.66E-05	2.25E-04	1.40E-04	2.96E-05	1.16E-04	6.55E-06	5.43E-06	1.57E-06	3.72E-06
356	6368.344	Residential	1.17E-01	5.15E-02	1.75E+00	2.85E+00	1.90E-01	2.25E-01	1.54E-04	5.30E-10	1.15E+00	1.80E-01	4.20E-01	2.78E-06	6.06E-07	3.20E-05	7.49E-07	3.36E-05	3.98E-05	2.41E-04	1.52E-04	3.23E-05	1.27E-04	7.07E-06	5.93E-06	1.72E-06	4.06E-06
356.008	6368.379	Residential	1.26E-01	5.58E-02	1.84E+00	2.90E+00	1.91E-01	2.37E-01	1.60E-04	5.30E-10	1.16E+00	1.81E-01	4.47E-01	2.91E-06	6.34E-07	3.35E-05	7.86E-07	3.52E-05	4.16E-05	2.51E-04	1.59E-04	3.39E-05	1.33E-04	7.38E-06	6.22E-06	1.80E-06	4.26E-06
356.013	6368.421	Residential	1.38E-01	6.17E-02	1.96E+00	2.98E+00	1.93E-01	2.53E-01	1.67E-04	5.34E-10	1.19E+00	1.82E-01	4.85E-01	3.08E-06	6.69E-07	3.55E-05	8.32E-07	3.72E-05	4.39E-05	2.63E-04	1.69E-04	3.59E-05	1.41E-04	7.77E-06	6.59E-06	1.91E-06	4.51E-06
356.018	6368.464	Residential	1.51E-01	6.82E-02	2.09E+00	3.06E+00	1.96E-01	2.73E-01	1.75E-04	5.38E-10	1.22E+00	1.85E-01	5.27E-01	3.26E-06	7.07E-07	3.76E-05	8.82E-07	3.94E-05	4.64E-05	2.76E-04	1.78E-04	3.80E-05	1.50E-04	8.18E-06	6.98E-06	2.02E-06	4.78E-06
356.022	6368.52	Residential	1.66E-01	7.60E-02	2.24E+00	3.17E+00	1.99E-01	2.98E-01	1.83E-04	5.45E-10	1.26E+00	1.88E-01	5.74E-01	3.47E-06	7.51E-07	4.01E-05	9.40E-07	4.20E-05	4.93E-05	2.90E-04	1.90E-04	4.05E-05	1.59E-04	8.65E-06	7.45E-06	2.16E-06	5.09E-06
356.036	6368.58	Residential	1.79E-01	8.25E-02	2.35E+00	3.26E+00	2.03E-01	3.23E-01	1.90E-04	5.53E-10	1.29E+00	1.93E-01	6.05E-01	3.64E-06	7.87E-07	4.21E-05	9.88E-07	4.41E-05	5.16E-05	3.01E-04	1.99E-04	4.25E-05	1.68E-04	9.02E-06	7.82E-06	2.26E-06	5.35E-06
356.05	6368.626	Residential	1.86E-01	8.57E-02	2.40E+00	3.31E+00	2.06E-01	3.39E-01	1.91E-04	5.58E-10	1.31E+00	1.96E-01	6.14E-01	3.71E-06	8.01E-07	4.30E-05	1.01E-06	4.51E-05	5.25E-05	3.03E-04	2.03E-04	4.35E-05	1.71E-04	9.13E-06	8.00E-06	2.32E-06	5.47E-06
356.055	6368.677	Residential	1.87E-01	8.59E-02	2.39E+00	3.33E+00	2.10E-01	3.48E-01	1.88E-04	5.63E-10	1.32E+00	2.00E-01	6.03E-01	3.70E-06	7.96E-07	4.30E-05	1.01E-06	4.50E-05	5.22E-05	2.97E-04	2.02E-04	4.35E-05	1.71E-04	9.02E-06	8.00E-06	2.32E-06	5.48E-06
356.06	6368.726	Residential	1.80E-01	8.25E-02	2.34E+00	3.32E+00	2.14E-01	3.46E-01	1.82E-04	5.67E-10	1.31E+00	2.04E-01	5.79E-01	3.59E-06	7.71E-07	4.19E-05	9.84E-07	4.38E-05	5.05E-05	2.83E-04	1.96E-04	4.23E-05	1.67E-04	8.67E-06	7.79E-06	2.26E-06	5.33E-06
356.074	6368.773	Residential	1.68E-01	7.63E-02	2.29E+00	3.33E+00	2.20E-01	3.42E-01	1.74E-04	5.78E-10	1.32E+00	2.10E-01	5.53E-01	3.42E-06	7.32E-07	4.00E-05	9.40E-07	4.18E-05	4.79E-05	2.65E-04	1.87E-04	4.04E-05	1.59E-04	8.19E-06	7.44E-06	2.15E-06	5.09E-06
356.084	6368.829	Residential	1.51E-01	6.76E-02	2.26E+00	3.39E+00	2.28E-01	3.40E-01	1.65E-04	5.98E-10	1.34E+00	2.19E-01	5.26E-01	3.20E-06	6.84E-07	3.75E-05	8.81E-07	3.91E-05	4.47E-05	2.45E-04	1.75E-04	3.78E-05	1.49E-04	7.61E-06	6.98E-06	2.02E-06	4.77E-06

356.089	6368.879	Residential	1.39E-01	6.13E-02	2.28E+00	3.49E+00	2.35E-01	3.49E-01	1.58E-04	6.18E-10	1.37E+00	2.27E-01	5.20E-01	3.03E-06	6.48E-07	3.56E-05	8.37E-07	3.71E-05	4.24E-05	2.30E-04	1.66E-04	3.59E-05	1.42E-04	7.18E-06	6.63E-06	1.92E-06	4.53E-06
356.102	6368.924	Residential	1.33E-01	5.84E-02	2.35E+00	3.60E+00	2.41E-01	3.63E-01	1.54E-04	6.36E-10	1.41E+00	2.35E-01	5.32E-01	2.93E-06	6.26E-07	3.44E-05	8.11E-07	3.59E-05	4.09E-05	2.21E-04	1.60E-04	3.48E-05	1.37E-04	6.92E-06	6.42E-06	1.86E-06	4.39E-06
356.108	6368.984	Residential	1.31E-01	5.70E-02	2.47E+00	3.74E+00	2.49E-01	3.80E-01	1.51E-04	6.58E-10	1.47E+00	2.43E-01	5.60E-01	2.87E-06	6.11E-07	3.37E-05	7.94E-07	3.52E-05	3.99E-05	2.14E-04	1.57E-04	3.40E-05	1.34E-04	6.73E-06	6.28E-06	1.82E-06	4.30E-06
356.116	6369.023	Residential	1.31E-01	5.69E-02	2.54E+00	3.83E+00	2.54E-01	3.89E-01	1.51E-04	6.73E-10	1.50E+00	2.48E-01	5.75E-01	2.86E-06	6.09E-07	3.36E-05	7.92E-07	3.51E-05	3.98E-05	2.13E-04	1.56E-04	3.40E-05	1.34E-04	6.70E-06	6.27E-06	1.81E-06	4.29E-06
356.128	6369.079	Residential	1.30E-01	5.62E-02	2.56E+00	3.90E+00	2.58E-01	3.93E-01	1.52E-04	6.91E-10	1.53E+00	2.55E-01	5.75E-01	2.87E-06	6.10E-07	3.37E-05	7.94E-07	3.52E-05	3.99E-05	2.13E-04	1.56E-04	3.40E-05	1.34E-04	6.71E-06	6.28E-06	1.82E-06	4.30E-06
356.134	6369.126	Residential	1.30E-01	5.62E-02	2.59E+00	3.99E+00	2.64E-01	3.98E-01	1.55E-04	7.11E-10	1.57E+00	2.62E-01	5.75E-01	2.91E-06	6.20E-07	3.42E-05	8.06E-07	3.57E-05	4.05E-05	2.16E-04	1.59E-04	3.46E-05	1.36E-04	6.81E-06	6.38E-06	1.85E-06	4.37E-06
356.139	6369.176	Residential	1.31E-01	5.65E-02	2.62E+00	4.07E+00	2.69E-01	4.07E-01	1.58E-04	7.31E-10	1.60E+00	2.69E-01	5.76E-01	2.95E-06	6.29E-07	3.47E-05	8.17E-07	3.62E-05	4.11E-05	2.20E-04	1.61E-04	3.50E-05	1.38E-04	6.92E-06	6.47E-06	1.87E-06	4.43E-06
356.147	6369.22	Residential	1.35E-01	5.79E-02	2.70E+00	4.23E+00	2.80E-01	4.22E-01	1.64E-04	7.60E-10	1.66E+00	2.80E-01	5.89E-01	3.06E-06	6.51E-07	3.60E-05	8.46E-07	3.75E-05	4.26E-05	2.28E-04	1.67E-04	3.63E-05	1.43E-04	7.17E-06	6.70E-06	1.94E-06	4.58E-06
356.162	6369.289	Residential	1.42E-01	6.00E-02	2.84E+00	4.54E+00	3.02E-01	4.45E-01	1.76E-04	8.17E-10	1.78E+00	3.02E-01	6.07E-01	3.28E-06	6.99E-07	3.86E-05	9.09E-07	4.03E-05	4.57E-05	2.44E-04	1.79E-04	3.90E-05	1.54E-04	7.69E-06	7.20E-06	2.08E-06	4.92E-06
356.266	6369.536	Residential	1.42E-01	6.00E-02	2.85E+00	4.65E+00	3.05E-01	4.56E-01	1.77E-04	8.47E-10	1.82E+00	3.09E-01	5.97E-01	3.25E-06	6.93E-07	3.81E-05	8.96E-07	3.97E-05	4.53E-05	2.46E-04	1.77E-04	3.84E-05	1.52E-04	7.68E-06	7.09E-06	2.05E-06	4.85E-06
356.5	6368.55	Grid Location	1.56E-01	6.92E-02	2.10E+00	3.14E+00	2.06E-01	2.90E-01	1.81E-04	5.41E-10	1.22E+00	1.92E-01	5.11E-01	3.53E-06	7.62E-07	4.09E-05	9.61E-07	4.29E-05	4.99E-05	2.89E-04	1.93E-04	4.14E-05	1.63E-04	8.70E-06	7.61E-06	2.20E-06	5.20E-06
356.55	6368.55	Grid Location	1.56E-01	6.93E-02	2.13E+00	3.21E+00	2.09E-01	2.94E-01	1.83E-04	5.53E-10	1.25E+00	1.96E-01	5.16E-01	3.47E-06	7.52E-07	4.01E-05	9.42E-07	4.21E-05	4.93E-05	2.90E-04	1.90E-04	4.05E-05	1.60E-04	8.65E-06	7.45E-06	2.16E-06	5.10E-06
356.6	6368.55	Grid Location	1.54E-01	6.93E-02	2.16E+00	3.27E+00	2.10E-01	2.96E-01	1.86E-04	5.69E-10	1.28E+00	1.99E-01	5.24E-01	3.36E-06	7.32E-07	3.86E-05	9.04E-07	4.05E-05	4.80E-05	2.91E-04	1.84E-04	3.90E-05	1.53E-04	8.54E-06	7.16E-06	2.07E-06	4.90E-06
356.65	6368.55	Grid Location	1.51E-01	6.89E-02	2.16E+00	3.27E+00	2.05E-01	2.95E-01	1.85E-04	5.79E-10	1.30E+00	1.99E-01	5.31E-01	3.18E-06	6.98E-07	3.63E-05	8.50E-07	3.83E-05	4.59E-05	2.88E-04	1.75E-04	3.67E-05	1.44E-04	8.29E-06	6.73E-06	1.95E-06	4.61E-06
356.7	6368.55	Grid Location	1.47E-01	6.80E-02	2.15E+00	3.21E+00	1.98E-01	2.93E-01	1.81E-04	5.77E-10	1.29E+00	1.95E-01	5.33E-01	2.99E-06	6.59E-07	3.39E-05	7.94E-07	3.58E-05	4.34E-05	2.78E-04	1.64E-04	3.44E-05	1.35E-04	7.91E-06	6.29E-06	1.82E-06	4.30E-06
356.75	6368.55	Grid Location	1.43E-01	6.63E-02	2.12E+00	3.14E+00	1.93E-01	2.92E-01	1.74E-04	5.63E-10	1.26E+00	1.91E-01	5.30E-01	2.82E-06	6.23E-07	3.20E-05	7.50E-07	3.38E-05	4.10E-05	2.63E-04	1.55E-04	3.24E-05	1.27E-04	7.49E-06	5.93E-06	1.72E-06	4.06E-06
356.8	6368.55	Grid Location	1.37E-01	6.40E-02	2.09E+00	3.06E+00	1.90E-01	2.93E-01	1.65E-04	5.42E-10	1.23E+00	1.86E-01	5.21E-01	2.69E-06	5.92E-07	3.06E-05	7.17E-07	3.23E-05	3.89E-05	2.47E-04	1.48E-04	3.10E-05	1.22E-04	7.07E-06	5.68E-06	1.64E-06	3.89E-06
356.85	6368.55	Grid Location	1.33E-01	6.16E-02	2.08E+00	3.02E+00	1.89E-01	2.96E-01	1.57E-04	5.25E-10	1.20E+00	1.82E-01	5.18E-01	2.60E-06	5.70E-07	2.97E-05	6.96E-07	3.13E-05	3.75E-05	2.33E-04	1.43E-04	3.01E-05	1.18E-04	6.74E-06	5.51E-06	1.60E-06	3.77E-06
356.9	6368.55	Grid Location	1.28E-01	5.93E-02	2.08E+00	2.99E+00	1.89E-01	2.95E-01	1.51E-04	5.13E-10	1.18E+00	1.80E-01	5.16E-01	2.54E-06	5.54E-07	2.91E-05	6.82E-07	3.06E-05	3.64E-05	2.23E-04	1.39E-04	2.94E-05	1.16E-04	6.50E-06	5.40E-06	1.56E-06	3.69E-06
356.95	6368.55	Grid Location	1.24E-01	5.70E-02	2.05E+00	2.96E+00	1.87E-01	2.90E-01	1.48E-04	5.08E-10	1.17E+00	1.79E-01	5.09E-01	2.50E-06	5.44E-07	2.87E-05	6.73E-07	3.02E-05	3.57E-05	2.16E-04	1.37E-04	2.90E-05	1.14E-04	6.34E-06	5.33E-06	1.54E-06	3.65E-06
357	6368.55	Grid Location	1.19E-01	5.42E-02	1.98E+00	2.92E+00	1.85E-01	2.80E-01	1.46E-04	5.07E-10	1.15E+00	1.78E-01	4.83E-01	2.48E-06	5.38E-07	2.85E-05	6.69E-07	2.99E-05	3.53E-05	2.11E-04	1.36E-04	2.88E-05	1.13E-04	6.25E-06	5.30E-06	1.53E-06	3.62E-06
357.05	6368.55	Grid Location	1.16E-01	5.21E-02	1.89E+00	2.87E+00	1.83E-01	2.72E-01	1.45E-04	5.06E-10	1.13E+00	1.78E-01	4.53E-01	2.47E-06	5.37E-07	2.85E-05	6.69E-07	2.99E-05	3.52E-05	2.10E-04	1.35E-04	2.88E-05	1.13E-04	6.21E-06	5.30E-06	1.53E-06	3.62E-06
357.1	6368.55	Grid Location	1.14E-01	5.11E-02	1.84E+00	2.85E+00	1.82E-01	2.67E-01	1.46E-04	5.06E-10	1.12E+00	1.78E-01	4.34E-01	2.48E-06	5.37E-07	2.86E-05	6.71E-07	3.00E-05	3.53E-05	2.09E-04	1.36E-04	2.89E-05	1.14E-04	6.21E-06	5.31E-06	1.54E-06	3.63E-06
357.15	6368.55	Grid Location	1.14E-01	5.12E-02	1.82E+00	2.83E+00	1.81E-01	2.65E-01	1.46E-04	5.06E-10	1.12E+00	1.77E-01	4.26E-01	2.47E-06	5.37E-07	2.86E-05	6.70E-07	3.00E-05	3.52E-05	2.09E-04	1.35E-04	2.89E-05	1.14E-04	6.21E-06	5.30E-06	1.54E-06	3.63E-06
357.2	6368.55	Grid Location	1.15E-01	5.17E-02	1.82E+00	2.82E+00	1.79E-01	2.64E-01	1.47E-04	5.06E-10	1.12E+00	1.77E-01	4.28E-01	2.47E-06	5.36E-07	2.85E-05	6.68E-07	2.99E-05	3.52E-05	2.10E-04	1.35E-04	2.88E-05	1.13E-04	6.21E-06	5.29E-06	1.53E-06	3.62E-06
357.25	6368.55	Grid Location	1.16E-01	5.22E-02	1.82E+00	2.81E+00	1.76E-01	2.65E-01	1.46E-04	5.03E-10	1.11E+00	1.75E-01	4.29E-01	2.46E-06	5.35E-07	2.83E-05	6.65E-07	2.98E-05	3.51E-05	2.10E-04	1.35E-04	2.87E-05	1.13E-04	6.20E-06	5.26E-06	1.52E-06	3.60E-06
357.3	6368.55	Grid Location	1.16E-01	5.27E-02	1.82E+00	2.80E+00	1.75E-01	2.69E-01	1.46E-04	4.97E-10	1.10E+00	1.74E-01	4.30E-01	2.46E-06	5.34E-07	2.83E-05	6.65E-07	2.97E-05	3.51E-05	2.10E-04	1.35E-04	2.86E-05	1.13E-04	6.19E-06	5.26E-06	1.52E-06	3.60E-06
357.35	6368.55	Grid Location	1.17E-01	5.30E-02	1.81E+00	2.78E+00	1.73E-01	2.70E-01	1.46E-04	4.92E-10	1.09E+00	1.72E-01	4.29E-01	2.47E-06	5.36E-07	2.85E-05	6.67E-07	2.99E-05	3.52E-05	2.09E-04	1.35E-04	2.88E-05	1.13E-04	6.20E-06	5.28E-06	1.53E-06	3.62E-06
357.4	6368.55	Grid Location	1.17E-01	5.26E-02	1.77E+00	2.74E+00	1.72E-01	2.64E-01	1.46E-04	4.88E-10	1.08E+00	1.70E-01	4.16E-01	2.50E-06	5.41E-07	2.88E-05	6.77E-07	3.02E-05	3.55E-05	2.10E-04	1.37E-04	2.91E-05	1.15E-04	6.25E-06	5.36E-06	1.55E-06	3.66E-06
357.45	6368.55	Grid Location	1.18E-01	5.26E-02	1.73E+00	2.71E+00	1.72E-01	2.56E-01	1.46E-04	4.84E-10	1.07E+00	1.70E-01	4.04E-01	2.57E-06	5.55E-07	2.97E-05	6.98E-07	3.12E-05	3.64E-05	2.12E-04	1.40E-04	3.00E-05	1.18E-04	6.36E-06	5.53E-06	1.60E-06	3.78E-06
357.5	6368.55	Grid Location	1.22E-01	5.42E-02	1.75E+00	2.72E+00	1.74E-01	2.54E-01	1.48E-04	4.83E-10	1.07E+00	1.71E-01	4.07E-01	2.68E-06	5.78E-07	3.12E-05	7.32E-07	3.26E-05	3.79E-05	2.17E-04	1.47E-04	3.15E-05	1.24E-04	6.56E-06	5.80E-06	1.68E-06	3.97E-06
357.55	6368.55	Grid Location	1.28E-01	5.67E-02	1.77E+00	2.75E+00	1.78E-01	2.53E-01	1.52E-04	4.86E-10	1.08E+00	1.72E-01	4.14E-01	2.84E-06	6.11E-07	3.31E-05	7.78E-07	3.46E-05	4.00E-05	2.26E-04	1.55E-04	3.35E-05	1.32E-04	6.89E-06	6.16E-06	1.78E-06	4.22E-06
357.6	6368.55	Grid Location	1.36E-01	6.02E-02	1.80E+00	2.81E+00	1.84E-01	2.53E-01	1.59E-04	4.94E-10	1.09E+00	1.76E-01	4.20E-01	3.07E-06	6.57E-07	3.58E-05	8.42E-07	3.74E-05	4.30E-05	2.39E-04	1.68E-04	3.62E-05	1.43E-04	7.37E-06	6.67E-06	1.93E-06	4.56E-06
357.65	6368.55	Grid Location	1.47E-01	6.50E-02	1.84E+00	2.87E+00	1.90E-01	2.53E-01	1.67E-04	5.04E-10	1.12E+00	1.81E-01	4.27E-01	3.38E-06	7.21E-07	3.95E-05	9.30E-07	4.13E-05	4.72E-05	2.58E-04	1.84E-04	3.99E-05	1.57E-04	8.02E-06	7.36E-06	2.13E-06	5.04E-06
357.7	6368.55	Grid Location	1.63E-01	7.20E-02	1.89E+00	2.96E+00	1.98E-01	2.55E-01	1.79E-04	5.20E-10	1.15E+00	1.88E-01	4.42E-01	3.80E-06	8.08E-07	4.47E-05	1.05E-06	4.66E-05	5.28E-05	2.82E-04	2.07E-04	4.51E-05	1.78E-04	8.89E-06	8.32E-06	2.41E-06	5.70E-06
357.75	6368.55	Grid Location	1.85E-01	8.16E-02	2.00E+00	3.12E+00	2.10E-01	2.63E-01	1.95E-04	5.49E-10	1.22E+00	1.98E-01	4.67E-01	4.37E-06	9.26E-07	5.16E-05	1.21E-06	5.37E-05	6.05E-05	3.16E-04	2.38E-04	5.20E-05	2.05E-04	1.01E-05	9.61E-06	2.78E-06	6.58E-06
357.8	6368.55	Grid Location	2.11E-01	9.26E-02	2.11E+00	3.30E+00	2.25E-01	2.73E-01	2.14E-04	5.82E-10	1.29E+00	2.11E-01	4.93E-01	5.07E-06	1.07E-06	6.00E-05	1.41E-06	6.24E-05	7.00E-05	3.59E-04	2.76E-04	6.06E-05	2.39E-04	1.16E-05	1.12E-05	3.24E-06	7.66E-06
357.85	6368.55	Grid Location	2.41E-01	1.05E-01	2.24E+00	3.55E+00	2.45E-01	2.86E-01	2.37E-04	6.25E-10	1.38E+00	2.27E-01	5.21E-01	5.90E-06	1.25E-06	6.99E-05	1.65E-06	7.27E-05	8.13E-05	4.12E-04	3.21E-04	7.05E-05	2.79E-04	1.34E-05	1.30E-05	3.78E-06	8.93E-06
357.9	6368.55	Grid Location	2.70E-01	1.17E-01	2.36E+00	3.81E+00	2.66E-01	2.98E-01	2.63E-04	6.72E-10	1.48E+00	2.45E-01	5.43E-01	6.77E-06	1.43E-06	8.03E-05	1.89E-06	8.35E-05	9.34E-05	4.75E-04	3.69E-04	8.10E-05	3.20E-04	1.54E-05	1.50E-05	4.34E-06	1.02E-05
357.95	6368.55	Grid Location	3.00E-01	1.29E-01	2.47E+00	4.07E+00	2.87E-01	3.11E-01	2.89E-04	7.20E-10	1.57E+00	2.63E-01	5.61E-01	7.63E-06	1.61E-06	9.03E-05	2.13E-06	9.39E-05	1.05E-04	5.40E-04	4.16E-04	9.11E-05	3.60E-04	1.74E-05	1.68E-05	4.87E-06	1.15E-05
358	6368.55	Grid Location	3.31E-01	1.42E-01	2.61E+00	4.37E+00	3.09E-01	3.28E-01	3.17E-04	7.75E-10	1.68E+00	2.82E-01	5.86E-01	8.46E-06	1.79E-06	1.00E-04	2.35E-06	1.04E-04	1.17E-04	6.09E-04	4.61E-04	1.01E-04	3.98E-04	1.95E-05	1.86E-05	5.40E-06	1.28E-05
356.5	6368.601	Grid Location	1.67E-01	7.45E-02	2.22E+00	3.22E+00	2.08E-01	3.10E-01	1.85E-04	5.51E-10	1.26E+00	1.96E-01	5.46E-01	3.70E-06	7.97E-07	4.31E-05	1.01E-06	4.51E-05	5.22E-05	2.97E-04	2.02E-04	4.35E-05	1.72E-04	9.02E-06	8.02E-06	2.32E-06	5.49E-06
356.55	6368.601	Grid Location	1.66E-01	7.39E-02	2.25E+00	3.30E+00	2.14E-01	3.15E-01	1.88E-04	5.63E-10	1.29E+00	2.01E-01	5.49E-01	3.64E-06	7.87E-07	4.23E-05	9.93E-07	4.43E-05	5.16E-05	2.98E-04	1.99E-04	4.27E-05	1.68E-04	8.98E-06	7.86E-06	2.28E-06	5.38E-06
356.6	6368.601	Grid Location	1.63E-01	7.33E-02	2.27E+00	3.36E+00	2.16E-01	3.16E-01	1.90E-04	5.77E-10	1.31E+00	2.04E-01	5.54E-01	3.51E-06	7.63E-07	4.05E-05	9.50E-07	4.25E-05	5.01E-05	2.98E-04	1.92E-04	4.10E-05	1.61E-04	8.83E-06	7.52E-06	2.18E-06	5.15E-06
356.65	6368.601	Grid Location	1.61E-01	7.36E-02	2.31E+00	3.41E+00	2.16E-01	3.19E-01	1.90E-04	5.92E-10	1.34E+00	2.06E-01	5.67E-01	3.35E-06	7.33E-07	3.84E-05	9.00E-07	4.04E-05	4.81E-05	2.96E-04	1.84E-04	3.89E-05	1.53E-04	8.62E-06	7.13E-06	2.06E-06	4.88E-06
356.7	6368.601	Grid Location	1.59E-01	7.36E-02	2.32E+00	3.39E+00	2.10E-01	3.18E-01	1.87E-04	5.95E-10	1.35E+00	2.04E-01	5.76E-01	3.16E-06	6.95E-07	3.61E-05	8.45E-07	3.80E-05	4.57E-05	2.87E-04	1.74E-04	3.65E-05	1.43E-04	8.26E-06	6.69E-06	1.94E-06	4.58E-06
356.75	6368.601	Grid Location	1.55E-01	7.26E-02	2.30E+00	3.32E+00	2.02E-01	3.16E-01	1.80E-04	5.86E-10	1.33E+00	2.00E-01	5.76E-01	2.99E-06	6.57E-07	3.40E-05	7.96E-07	3.59E-05	4.32E-05	2.74E-04	1.64E-04	3.44E-05	1.35E-04	7.84E-06	6.30E-06	1.82E-06	4.31E-06
356.8	6368.601	Grid Location	1.50E-01	7.04E-02	2.26E+00	3.24E+00	1.98E-01	3.16E-01	1.73E-04	5.70E-10	1.30E+00	1.95E-01	5.69E-01	2.85E-06	6.26E-07	3.25E-05	7.60E-07	3.42E-05	4.12E-05	2.60E-04	1.56E-04	3.29E-05	1.29E-04	7.45E-06	6.02E-06	1.74E-06	4.12E-06
356.85	6368.601	Grid Location	1.44E-01	6.73E-02	2.23E+00	3.18E+00	1.96E-01	3.18E-01	1.65E-04	5.52E-10	1.27E+00	1.91E-01	5.58E-01	2.74E-06	6.02E-07	3.14E-05	7.35E-07	3.30E-05	3.95E-05	2.46E-04	1.51E-04	3.17E-05	1.25E-04	7.12E-06	5.82E-06	1.68E-06	3.98E-06
356.9	6368.601	Grid Location	1.38E-01	6.41E-02	2.21E+00	3.14E+00	1.96E-01	3.19E-01	1.59E-04	5.38E-10	1.24E+00	1.89E-01	5.51E-01	2.67E-06	5.83E-07	3.06E-05	7.17E-07	3.22E-05	3.83E-05	2.35E-04	1.46E-04	3.09E-05	1.22E-04	6.85E-06	5.67E-06	1.64E-06	3.88E-06
356.95	6368.601	Grid Location	1.33E-01	6.13E-02	2.19E+00	3.12E+00	1.96E-01	3.15E-01	1.55E-04	5.31E-10	1.23E+00	1.87E-01	5.45E-01	2.61E-06	5.69E-07	3.00E-05	7.04E-07	3.16E-05	3.74E-05	2.26E-04	1.43E-04	3.04E-05	1.19E-04	6.64E-06	5.58E-06	1.61E-06	3.81E-06
357	6368.601	Grid Location	1.27E-01	5.83E-02	2.13E+00	3.07E+00	1.94E-01	3.04E-01	1.51E-04	5.27E-10	1.21E+00	1.86E-01	5.24E-01	2.57E-06	5.59E-07	2.96E-05	6.95E-07	3.11E-05	3.67E-05	2.20E-04	1.41E-04	3.00E-05	1.18E-04	6.49E-06	5.50E-06	1.59E-06	3.77E-06
357.05	6368.601	Grid Location	1.22E-01	5.56E-02	2.03E+00	3.01E+00	1.91E-01	2.92E-01	1.50E-04	5.25E-10	1.19E+00	1.86E-01	4.90E-01	2.55E-06	5.53E-07	2.94E-05	6.90E-07	3.08E-05	3.63E-05	2.16E-04	1.39E-04	2.97E-05	1.17E-04	6.40E-06	5.46E-06	1.58E-06	3.74E-06
357.1	6368.601	Grid Location	1.20E-01	5.41E-02	1.95E+00	2.97E+00	1.89E-01	2.85E-01	1.49E-04	5.22E-10	1.17E+00	1.85E-01	4.62E-01	2.53E-06	5.50E-07	2.92E-05	6.86E-07	3.07E-05	3.61E-05	2.14E-04	1.39E-04	2.96E-05	1.16E-04	6.35E-06	5.43E-06	1.57E-06	3.72E-06
357.15	6368.601	Grid Location	1.20E-01	5.41E-02	1.92E+00	2.94E+00	1.87E-01	2.82E-01	1.49E-04	5.20E-10	1.16E+00	1.84E-01	4.52E-01	2.52E-06	5.47E-07	2.91E-05	6.83E-07	3.05E-05	3.59E-05	2.13E-04	1.38E-04	2.94E-05	1.16E-04	6.32E-06	5.41E-06	1.57E-06	3.70E-06
357.2	6368.601	Grid Location	1.21E-01	5.47E-02	1.92E+00	2.92E+00	1.85E-01	2.82E-01	1.49E-04	5.19E-10	1.15E+00	1.83E-01	4.52E-01	2.51E-06	5.44E-07	2.89E-05	6.78E-07	3.03E-05	3.57E-05	2.12E-04	1.37E-04	2.92E-05	1.15E-04	6.30E-06	5.37E-06	1.55E-06	3.67E-06
357.25	6368.601	Grid Location	1.22E-01	5.56E-02	1.93E+00	2.92E+00	1.83E-01	2.85E-01	1.49E-04	5.18E-10	1.15E+00	1.82E-01	4.56E-01	2.50E-06	5.43E-07	2.88E-05	6.76E-07	3.03E-05	3.56E-05	2.13E-04	1.37E-04	2.91E-05	1.15E-04	6.29E-06	5.35E-06	1.55E-06	3.66E-06
357.3	6368.601	Grid Location	1.23E-01	5.64E-02	1.94E+00	2.92E+00	1.82E-01	2.89E-01	1.49E-04	5.14E-10	1.15E+00	1.80E-01	4.60E-01	2.50E-06	5.44E-07	2.89E-05	6.77E-07	3.03E-05	3.57E-05	2.13E-04	1.37E-04	2.92E-05	1.15E-04	6.30E-06	5.36E-06	1.55E-06	3.67E-06
357.35	6368.601	Grid Location	1.24E-01	5.66E-02	1.93E+00	2.89E+00	1.80E-01	2.90E-01	1.48E-04	5.08E-10	1.14E+00	1.78E-01	4.57E-01	2.52E-06	5.46E-07	2.91E-05	6.82E-07	3.05E-05	3.58E-05	2.12E-04	1.38E-04	2.94E-05	1.16E-04	6.31E-06	5.40E-06	1.56E-06	3.69E-06
357.4	6368.601	Grid Location	1.24E-01	5.63E-02	1.88E+00	2.86E+00	1.79E-01	2.84E-01	1.48E-04	5.04E-10	1.12E+00	1.77E-01	4.44E-01	2.57E-06	5.55E-07	2.97E-05	6.97E-07	3.11E-05	3.64E-05	2.13E-04	1.40E-04	3.00E-05	1.18E-04	6.38E-06	5.52E-06	1.60E-06	3.77E-06
357.45	6368.601	Grid Location	1.25E-01	5.66E-02	1.85E+00	2.83E+00	1.80E-01	2.76E-01	1.49E-04	5.00E-10	1.11E+00	1.77E-01	4.33E-01	2.66E-06	5.74E-07	3.09E-05	7.26E-07	3.24E-05	3.76E-05	2.16E-04	1.46E-04	3.12E-05	1.23E-04	6.53E-06	5.75E-06	1.66E-06	3.93E-06
357.5	6368.601	Grid Location	1.31E-01	5.87E-02	1.88E+00	2.86E+00	1.83E-01	2.75E-01	1.53E-04	5.00E-10	1.12E+00	1.79E-01	4.39E-01	2.82E-06	6.06E-07	3.29E-05	7.73E-07	3.44E-05	3.97E-05	2.23E-04	1.54E-04	3.32E-05	1.31E-04	6.83E-06	6.12E-06	1.77E-06	4.19E-06
357.55	6368.601	Grid Location	1.39E-01	6.20E-02	1.91E+00	2.92E+00	1.89E-01	2.75E-01	1.59E-04	5.06E-10	1.13E+00	1.82E-01	4.48E-01	3.05E-06	6.53E-07	3.56E-05	8.37E-07	3.72E-05	4.27E-05	2.36E-04	1.66E-04	3.60E-05	1.42E-04	7.30E-06	6.63E-06	1.92E-06	4.53E-06
357.6	6368.601	Grid Location	1.50E-01	6.67E-02	1.95E+00	2.99E+00	1.97E-01	2.76E-01	1.69E-04	5.18E-10	1.16E+00	1.88E-01	4.55E-01	3.36E-06	7.18E-07	3.94E-05	9.27E-07	4.11E-05	4.70E-05	2.56E-04	1.84E-04	3.98E-05	1.57E-04	7.97E-06	7.34E-06	2.12E-06	5.02E-06
357.65	6368.601	Grid Location	1.68E-01	7.41E-02	2.01E+00	3.10E+00	2.06E-01	2.79E-01	1.81E-04	5.36E-10	1.20E+00	1.95E-01	4.69E-01	3.82E-06	8.12E-07	4.49E-05	1.06E-06	4.68E-05	5.31E-05	2.83E-04	2.08E-04	4.53E-05	1.79E-04	8.92E-06	8.37E-06	2.42E-06	5.72E-06
357.7	6368.601	Grid Location	1.92E-01	8.49E-02	2.10E+00	3.24E+00	2.17E-01	2.85E-01	1.98E-04	5.60E-10	1.25E+00	2.05E-01	4.92E-01	4.42E-06	9.36E-07	5.22E-05	1.23E-06	5.43E-05	6.11E-05	3.17E-04	2.41E-04	5.27E-05	2.08E-04	1.02E-05	9.74E-06	2.82E-06	6.66E-06
357.75	6368.601	Grid Location	2.24E-01	9.90E-02	2.24E+00	3.44E+00	2.33E-01	2.97E-01	2.19E-04	5.95E-10	1.33E+00	2.18E-01	5.26E-01	5.22E-06	1.10E-06	6.19E-05	1.46E-06	6.43E-05	7.19E-05	3.64E-04	2.84E-04	6.24E-05	2.46E-04	1.18E-05	1.15E-05	3.34E-06	7.90E-06
357.8	6368.601	Grid Location	2.61E-01	1.15E-01	2.39E+00	3.68E+00	2.52E-01	3.11E-01	2.44E-04	6.37E-10	1.43E+00	2.34E-01	5.62E-01	6.15E-06	1.29E-06	7.31E-05	1.72E-06	7.59E-05	8.44E-05	4.21E-04	3.35E-04	7.37E-05	2.91E-04	1.38E-05	1.36E-05	3.95E-06	9.33E-06
357.85	6368.601	Grid Location	3.00E-01	1.31E-01	2.56E+00	3.99E+00	2.76E-01	3.28E-01	2.75E-04	6.90E-10	1.54E+00	2.54E-01	5.97E-01	7.20E-06	1.52E-06	8.56E-05	2.02E-06	8.89E-05	9.89E-05	4.93E-04	3.92E-04	8.64E-05	3.41E-04	1.62E-05	1.60E-05	4.63E-06	1.09E-05
357.9	6368.601	Grid Location	3.39E-01	1.47E-01	2.71E+00	4.30E+00	3.01E-01	3.44E-01	3.06E-04	7.46E-10	1.66E+00	2.75E-01	6.26E-01	8.30E-06	1.75E-06	9.86E-05	2.32E-06	1.02E-04	1.14E-04	5.71E-04	4.52E-04	9.95E-05	3.93E-04	1.87E-05	1.84E-05	5.33E-06	1.26E-05
357.95	6368.601	Grid Location	3.75E-01	1.62E-01	2.85E+00	4.61E+00	3.25E-01	3.60E-01	3.38E-04	8.03E-10	1.77E+00	2.96E-01	6.50E-01	9.35E-06	1.97E-06	1.11E-04	2.61E-06	1.15E-04	1.29E-04	6.52E-04	5.10E-04	1.12E-04	4.42E-04	2.12E-05	2.07E-05	5.99E-06	1.42E-05
358	6368.601	Grid Location	4.11E-01	1.76E-01	2.99E+00	4.93E+00	3.47E-01	3.79E-01	3.71E-04	8.66E-10	1.89E+00	3.17E-01	6.76E-01	1.03E-05	2.19E-06	1.22E-04	2.88E-06	1.27E-04	1.43E-04	7.34E-04	5.63E-04	1.23E-04	4.87E-04	2.36E-05	2.28E-05	6.60E-06	1.56E-05
356.5	6368.65	Grid Location	1.75E-01	7.84E-02	2.33E+00	3.31E+00	2.10E-01	3.32E-01	1.87E-04	5.65E-10	1.31E+00	2.02E-01	5.76E-01	3.79E-06	8.14E-07	4.42E-05	1.04E-06	4.62E-05	5.33E-05	2.99E-04	2.07E-04	4.46E-05	1.76E-04	9.16E-06	8.22E-06	2.38E-06	5.63E-06
356.55	6368.65	Grid Location	1.71E-01	7.67E-02	2.35E+00	3.37E+00	2.16E-01	3.34E-01	1.88E-04	5.74E-10	1.32E+00	2.06E-01	5.78E-01	3.69E-06	7.96E-07	4.29E-05	1.01E-06	4.49E-05	5.22E-05	2.99E-04	2.02E-04	4.34E-05	1.71E-04	9.05E-06	7.98E-06	2.31E-06	5.46E-06
356.6	6368.65	Grid Location	1.69E-01	7.62E-02	2.39E+00	3.45E+00	2.22E-01	3.38E-01	1.90E-04	5.88E-10	1.35E+00	2.10E-01	5.87E-01	3.57E-06	7.73E-07	4.12E-05	9.68E-07	4.32E-05	5.07E-05	2.98E-04	1.95E-04	4.17E-05	1.64E-04	8.89E-06	7.66E-06	2.22E-06	5.24E-06
356.65	6368.65	Grid Location	1.68E-01	7.70E-02	2.44E+00	3.53E+00	2.25E-01	3.43E-01	1.90E-04	6.01E-10	1.38E+00	2.13E-01	6.00E-01	3.43E-06	7.46E-07	3.95E-05	9.26E-07	4.15E-05	4.90E-05	2.95E-04	1.88E-04	3.99E-05	1.57E-04	8.68E-06	7.33E-06	2.12E-06	5.01E-06
356.7	6368.65	Grid Location	1.69E-01	7.83E-02	2.48E+00	3.56E+00	2.23E-01	3.47E-01	1.89E-04	6.12E-10	1.41E+00	2.14E-01	6.16E-01	3.29E-06	7.19E-07	3.78E-05	8.86E-07	3.98E-05	4.72E-05	2.88E-04	1.81E-04	3.82E-05	1.50E-04	8.42E-06	7.02E-06	2.03E-06	4.80E-06
356.75	6368.65	Grid Location	1.67E-01	7.83E-02	2.48E+00	3.52E+00	2.14E-01	3.46E-01	1.85E-04	6.13E-10	1.41E+00	2.11E-01	6.24E-01	3.15E-06	6.89E-07	3.60E-05	8.44E-07	3.79E-05	4.53E-05	2.80E-04	1.72E-04	3.64E-05	1.43E-04	8.13E-06	6.68E-06	1.93E-06	4.57E-06
356.8	6368.65	Grid Location	1.62E-01	7.65E-02	2.45E+00	3.44E+00	2.07E-01	3.44E-01	1.80E-04	6.03E-10	1.39E+00	2.06E-01	6.21E-01	3.00E-06	6.59E-07	3.43E-05	8.04E-07	3.61E-05	4.33E-05	2.71E-04	1.65E-04	3.47E-05	1.36E-04	7.81E-06	6.36E-06	1.84E-06	4.35E-06
356.85	6368.65	Grid Location	1.55E-01	7.27E-02	2.40E+00	3.37E+00	2.04E-01	3.43E-01	1.74E-04	5.86E-10	1.35E+00	2.02E-01	6.06E-01	2.88E-06	6.32E-07	3.29E-05	7.71E-07	3.47E-05	4.16E-05	2.60E-04	1.58E-04	3.33E-05	1.31E-04	7.49E-06	6.10E-06	1.77E-06	4.18E-06
356.9	6368.65	Grid Location	1.47E-01	6.84E-02	2.36E+00	3.31E+00	2.03E-01	3.43E-01	1.67E-04	5.68E-10	1.32E+00	1.98E-01	5.90E-01	2.78E-06	6.08E-07	3.18E-05	7.45E-07	3.35E-05	4.00E-05	2.47E-04	1.52E-04	3.22E-05	1.26E-04	7.17E-06	5.90E-06	1.71E-06	4.03E-06
356.95	6368.65	Grid Location	1.40E-01	6.51E-02	2.34E+00	3.28E+00	2.03E-01	3.41E-01	1.61E-04	5.55E-10	1.29E+00	1.96E-01	5.85E-01	2.69E-06	5.88E-07	3.09E-05	7.25E-07	3.25E-05	3.86E-05	2.36E-04	1.48E-04	3.13E-05	1.23E-04	6.89E-06	5.74E-06	1.66E-06	3.93E-06
357	6368.65	Grid Location	1.35E-01	6.25E-02	2.31E+00	3.23E+00	2.02E-01	3.33E-01	1.56E-04	5.48E-10	1.27E+00	1.94E-01	5.73E-01	2.63E-06	5.72E-07	3.02E-05	7.09E-07	3.18E-05	3.75E-05	2.26E-04	1.44E-04	3.06E-05	1.20E-04	6.66E-06	5.61E-06	1.63E-06	3.84E-06
357.05	6368.65	Grid Location	1.30E-01	5.97E-02	2.21E+00	3.16E+00	1.99E-01	3.20E-01	1.52E-04	5.41E-10	1.24E+00	1.93E-01	5.40E-01	2.57E-06	5.59E-07	2.97E-05	6.96E-07	3.11E-05	3.67E-05	2.19E-04	1.41E-04	3.00E-05	1.18E-04	6.49E-06	5.51E-06	1.59E-06	3.77E-06
357.1	6368.65	Grid Location	1.26E-01	5.78E-02	2.10E+00	3.09E+00	1.96E-01	3.11E-01	1.50E-04	5.36E-10	1.21E+00	1.91E-01	5.04E-01	2.54E-06	5.51E-07	2.93E-05	6.88E-07	3.08E-05	3.62E-05	2.15E-04	1.39E-04	2.96E-05	1.17E-04	6.37E-06	5.45E-06	1.58E-06	3.73E-06
357.15	6368.65	Grid Location	1.26E-01	5.75E-02	2.05E+00	3.06E+00	1.95E-01	3.08E-01	1.48E-04	5.31E-10	1.20E+00	1.90E-01	4.87E-01	2.52E-06	5.46E-07	2.91E-05	6.83E-07	3.05E-05	3.58E-05	2.12E-04	1.38E-04	2.94E-05	1.16E-04	6.30E-06	5.41E-06	1.56E-06	3.70E-06
357.2	6368.65	Grid Location	1.27E-01	5.83E-02	2.05E+00	3.04E+00	1.92E-01	3.09E-01	1.48E-04	5.29E-10	1.19E+00	1.89E-01	4.85E-01	2.50E-06	5.42E-07	2.89E-05	6.78E-07	3.03E-05	3.56E-05	2.10E-04	1.37E-04	2.92E-05	1.15E-04	6.25E-06	5.37E-06	1.55E-06	3.67E-06
357.25	6368.65	Grid Location	1.29E-01	5.95E-02	2.07E+00	3.05E+00	1.90E-01	3.13E-01	1.48E-04	5.29E-10	1.20E+00	1.88E-01	4.92E-01	2.50E-06	5.42E-07	2.88E-05	6.77E-07	3.03E-05	3.55E-05	2.10E-04	1.37E-04	2.92E-05	1.15E-04	6.25E-06	5.36E-06	1.55E-06	3.67E-06
357.3	6368.65	Grid Location	1.31E-01	6.07E-02	2.09E+00	3.05E+00	1.89E-01	3.19E-01	1.48E-04	5.27E-10	1.20E+00	1.87E-01	4.99E-01	2.50E-06	5.43E-07	2.89E-05	6.79E-07	3.03E-05	3.56E-05	2.10E-04	1.37E-04	2.92E-05	1.15E-04	6.26E-06	5.37E-06	1.56E-06	3.68E-06
357.35	6368.65	Grid Location	1.32E-01	6.10E-02	2.08E+00	3.04E+00	1.88E-01	3.21E-01	1.48E-04	5.22E-10	1.19E+00	1.85E-01	4.97E-01	2.53E-06	5.47E-07	2.92E-05	6.86E-07	3.06E-05	3.59E-05	2.11E-04	1.38E-04	2.95E-05	1.16E-04	6.29E-06	5.43E-06	1.57E-06	3.71E-06
357.4	6368.65	Grid Location	1.32E-01	6.07E-02	2.03E+00	3.00E+00	1.87E-01	3.14E-01	1.48E-04	5.17E-10	1.17E+00	1.84E-01	4.81E-01	2.58E-06	5.58E-07	3.00E-05	7.04E-07	3.14E-05	3.66E-05	2.12E-04	1.41E-04	3.03E-05	1.19E-04	6.37E-06	5.57E-06	1.61E-06	3.81E-06

357.45	6368.65	Grid Location	1.34E-01	6.14E-02	2.01E+00	2.98E+00	1.89E-01	3.07E-01	1.50E-04	5.14E-10	1.16E+00	1.84E-01	4.74E-01	2.71E-06	5.82E-07	3.15E-05	7.40E-07	3.30E-05	3.81E-05	2.16E-04	1.48E-04	3.18E-05	1.25E-04	6.58E-06	5.86E-06	1.70E-06	4.01E-06
357.5	6368.65	Grid Location	1.41E-01	6.41E-02	2.04E+00	3.02E+00	1.93E-01	3.05E-01	1.54E-04	5.15E-10	1.17E+00	1.87E-01	4.83E-01	2.90E-06	6.22E-07	3.39E-05	7.98E-07	3.55E-05	4.07E-05	2.25E-04	1.59E-04	3.43E-05	1.35E-04	6.95E-06	6.32E-06	1.83E-06	4.32E-06
357.55	6368.65	Grid Location	1.52E-01	6.87E-02	2.10E+00	3.10E+00	2.01E-01	3.05E-01	1.63E-04	5.25E-10	1.20E+00	1.92E-01	4.96E-01	3.21E-06	6.86E-07	3.77E-05	8.87E-07	3.93E-05	4.49E-05	2.44E-04	1.75E-04	3.81E-05	1.50E-04	7.61E-06	7.02E-06	2.03E-06	4.80E-06
357.6	6368.65	Grid Location	1.69E-01	7.58E-02	2.16E+00	3.21E+00	2.12E-01	3.07E-01	1.77E-04	5.44E-10	1.24E+00	2.01E-01	5.08E-01	3.68E-06	7.83E-07	4.34E-05	1.02E-06	4.52E-05	5.12E-05	2.72E-04	2.01E-04	4.38E-05	1.73E-04	8.59E-06	8.08E-06	2.34E-06	5.53E-06
357.65	6368.65	Grid Location	1.95E-01	8.66E-02	2.25E+00	3.37E+00	2.26E-01	3.12E-01	1.96E-04	5.70E-10	1.30E+00	2.12E-01	5.29E-01	4.35E-06	9.19E-07	5.14E-05	1.21E-06	5.35E-05	6.00E-05	3.09E-04	2.37E-04	5.19E-05	2.05E-04	9.96E-06	9.59E-06	2.77E-06	6.56E-06
357.7	6368.65	Grid Location	2.31E-01	1.02E-01	2.39E+00	3.59E+00	2.42E-01	3.23E-01	2.20E-04	6.08E-10	1.38E+00	2.26E-01	5.60E-01	5.24E-06	1.10E-06	6.22E-05	1.47E-06	6.46E-05	7.20E-05	3.61E-04	2.85E-04	6.27E-05	2.48E-04	1.18E-05	1.16E-05	3.36E-06	7.94E-06
357.75	6368.65	Grid Location	2.76E-01	1.22E-01	2.54E+00	3.84E+00	2.61E-01	3.39E-01	2.49E-04	6.51E-10	1.48E+00	2.43E-01	5.96E-01	6.33E-06	1.33E-06	7.55E-05	1.78E-06	7.83E-05	8.67E-05	4.24E-04	3.45E-04	7.61E-05	3.01E-04	1.41E-05	1.41E-05	4.08E-06	9.65E-06
357.8	6368.65	Grid Location	3.26E-01	1.44E-01	2.73E+00	4.16E+00	2.86E-01	3.59E-01	2.83E-04	7.05E-10	1.60E+00	2.63E-01	6.41E-01	7.58E-06	1.59E-06	9.05E-05	2.13E-06	9.38E-05	1.04E-04	5.03E-04	4.13E-04	9.12E-05	3.60E-04	1.68E-05	1.69E-05	4.89E-06	1.16E-05
357.85	6368.65	Grid Location	3.80E-01	1.67E-01	2.96E+00	4.55E+00	3.15E-01	3.83E-01	3.22E-04	7.73E-10	1.74E+00	2.88E-01	6.91E-01	8.93E-06	1.87E-06	1.06E-04	2.51E-06	1.10E-04	1.22E-04	5.99E-04	4.86E-04	1.07E-04	4.24E-04	1.99E-05	1.99E-05	5.75E-06	1.36E-05
357.9	6368.65	Grid Location	4.29E-01	1.88E-01	3.16E+00	4.94E+00	3.44E-01	4.04E-01	3.62E-04	8.42E-10	1.88E+00	3.13E-01	7.32E-01	1.02E-05	2.15E-06	1.22E-04	2.87E-06	1.26E-04	1.40E-04	6.98E-04	5.58E-04	1.23E-04	4.85E-04	2.30E-05	2.27E-05	6.58E-06	1.55E-05
357.95	6368.65	Grid Location	4.74E-01	2.06E-01	3.33E+00	5.30E+00	3.71E-01	4.26E-01	4.00E-04	9.10E-10	2.02E+00	3.37E-01	7.66E-01	1.15E-05	2.42E-06	1.36E-04	3.22E-06	1.42E-04	1.58E-04	7.95E-04	6.26E-04	1.38E-04	5.43E-04	2.60E-05	2.55E-05	7.37E-06	1.74E-05
358	6368.65	Grid Location	5.13E-01	2.22E-01	3.47E+00	5.62E+00	3.93E-01	4.46E-01	4.35E-04	9.74E-10	2.15E+00	3.59E-01	7.93E-01	1.26E-05	2.66E-06	1.49E-04	3.52E-06	1.55E-04	1.74E-04	8.84E-04	6.87E-04	1.51E-04	5.95E-04	2.87E-05	2.79E-05	8.07E-06	1.91E-05
356.5	6368.701	Grid Location	1.79E-01	8.02E-02	2.44E+00	3.43E+00	2.15E-01	3.58E-01	1.86E-04	5.88E-10	1.36E+00	2.11E-01	6.03E-01	3.78E-06	8.11E-07	4.42E-05	1.04E-06	4.62E-05	5.31E-05	2.96E-04	2.07E-04	4.46E-05	1.76E-04	9.10E-06	8.22E-06	2.38E-06	5.62E-06
356.55	6368.701	Grid Location	1.72E-01	7.74E-02	2.46E+00	3.46E+00	2.19E-01	3.57E-01	1.86E-04	5.92E-10	1.37E+00	2.12E-01	6.05E-01	3.62E-06	7.80E-07	4.21E-05	9.88E-07	4.40E-05	5.11E-05	2.92E-04	1.98E-04	4.25E-05	1.67E-04	8.86E-06	7.83E-06	2.27E-06	5.35E-06
356.6	6368.701	Grid Location	1.70E-01	7.71E-02	2.51E+00	3.54E+00	2.26E-01	3.61E-01	1.86E-04	6.00E-10	1.39E+00	2.16E-01	6.17E-01	3.50E-06	7.56E-07	4.05E-05	9.51E-07	4.24E-05	4.95E-05	2.88E-04	1.91E-04	4.09E-05	1.61E-04	8.65E-06	7.53E-06	2.18E-06	5.15E-06
356.65	6368.701	Grid Location	1.72E-01	7.88E-02	2.58E+00	3.64E+00	2.33E-01	3.69E-01	1.86E-04	6.13E-10	1.42E+00	2.21E-01	6.33E-01	3.42E-06	7.40E-07	3.96E-05	9.29E-07	4.15E-05	4.85E-05	2.84E-04	1.87E-04	4.00E-05	1.57E-04	8.49E-06	7.35E-06	2.13E-06	5.03E-06
356.7	6368.701	Grid Location	1.76E-01	8.13E-02	2.64E+00	3.73E+00	2.35E-01	3.78E-01	1.87E-04	6.31E-10	1.46E+00	2.25E-01	6.52E-01	3.37E-06	7.31E-07	3.90E-05	9.15E-07	4.09E-05	4.79E-05	2.82E-04	1.85E-04	3.94E-05	1.55E-04	8.42E-06	7.24E-06	2.10E-06	4.95E-06
356.75	6368.701	Grid Location	1.77E-01	8.25E-02	2.67E+00	3.74E+00	2.29E-01	3.79E-01	1.88E-04	6.42E-10	1.48E+00	2.24E-01	6.66E-01	3.29E-06	7.15E-07	3.79E-05	8.88E-07	3.97E-05	4.69E-05	2.82E-04	1.80E-04	3.83E-05	1.51E-04	8.31E-06	7.03E-06	2.03E-06	4.81E-06
356.8	6368.701	Grid Location	1.72E-01	8.10E-02	2.65E+00	3.68E+00	2.18E-01	3.76E-01	1.87E-04	6.40E-10	1.48E+00	2.20E-01	6.69E-01	3.15E-06	6.89E-07	3.61E-05	8.46E-07	3.80E-05	4.53E-05	2.79E-04	1.73E-04	3.65E-05	1.44E-04	8.11E-06	6.70E-06	1.94E-06	4.58E-06
356.85	6368.701	Grid Location	1.64E-01	7.70E-02	2.59E+00	3.57E+00	2.11E-01	3.69E-01	1.82E-04	6.24E-10	1.44E+00	2.13E-01	6.57E-01	2.99E-06	6.56E-07	3.41E-05	7.98E-07	3.59E-05	4.31E-05	2.71E-04	1.64E-04	3.45E-05	1.36E-04	7.79E-06	6.32E-06	1.83E-06	4.32E-06
356.9	6368.701	Grid Location	1.55E-01	7.28E-02	2.54E+00	3.50E+00	2.10E-01	3.69E-01	1.75E-04	6.03E-10	1.40E+00	2.09E-01	6.44E-01	2.85E-06	6.25E-07	3.25E-05	7.61E-07	3.42E-05	4.11E-05	2.58E-04	1.56E-04	3.29E-05	1.29E-04	7.43E-06	6.02E-06	1.74E-06	4.12E-06
356.95	6368.701	Grid Location	1.49E-01	6.96E-02	2.53E+00	3.45E+00	2.11E-01	3.73E-01	1.66E-04	5.82E-10	1.37E+00	2.05E-01	6.36E-01	2.73E-06	5.97E-07	3.12E-05	7.32E-07	3.29E-05	3.92E-05	2.43E-04	1.50E-04	3.16E-05	1.24E-04	7.04E-06	5.79E-06	1.68E-06	3.96E-06
357	6368.701	Grid Location	1.44E-01	6.72E-02	2.50E+00	3.40E+00	2.10E-01	3.70E-01	1.58E-04	5.65E-10	1.33E+00	2.02E-01	6.28E-01	2.64E-06	5.75E-07	3.03E-05	7.11E-07	3.19E-05	3.77E-05	2.28E-04	1.44E-04	3.07E-05	1.21E-04	6.71E-06	5.63E-06	1.63E-06	3.85E-06
357.05	6368.701	Grid Location	1.38E-01	6.46E-02	2.42E+00	3.32E+00	2.07E-01	3.59E-01	1.51E-04	5.53E-10	1.30E+00	1.99E-01	6.00E-01	2.57E-06	5.58E-07	2.96E-05	6.95E-07	3.11E-05	3.66E-05	2.17E-04	1.41E-04	3.00E-05	1.18E-04	6.45E-06	5.50E-06	1.59E-06	3.77E-06
357.1	6368.701	Grid Location	1.34E-01	6.22E-02	2.30E+00	3.24E+00	2.04E-01	3.48E-01	1.47E-04	5.44E-10	1.26E+00	1.97E-01	5.59E-01	2.53E-06	5.47E-07	2.92E-05	6.86E-07	3.07E-05	3.59E-05	2.10E-04	1.38E-04	2.96E-05	1.16E-04	6.28E-06	5.43E-06	1.57E-06	3.72E-06
357.15	6368.701	Grid Location	1.32E-01	6.13E-02	2.22E+00	3.20E+00	2.03E-01	3.45E-01	1.45E-04	5.40E-10	1.24E+00	1.96E-01	5.30E-01	2.51E-06	5.42E-07	2.91E-05	6.83E-07	3.05E-05	3.55E-05	2.06E-04	1.37E-04	2.94E-05	1.16E-04	6.20E-06	5.40E-06	1.56E-06	3.70E-06
357.2	6368.701	Grid Location	1.33E-01	6.20E-02	2.21E+00	3.20E+00	2.01E-01	3.47E-01	1.44E-04	5.39E-10	1.24E+00	1.96E-01	5.25E-01	2.50E-06	5.40E-07	2.90E-05	6.81E-07	3.04E-05	3.54E-05	2.05E-04	1.37E-04	2.93E-05	1.15E-04	6.17E-06	5.39E-06	1.56E-06	3.69E-06
357.25	6368.701	Grid Location	1.36E-01	6.34E-02	2.24E+00	3.21E+00	2.00E-01	3.53E-01	1.45E-04	5.41E-10	1.24E+00	1.96E-01	5.33E-01	2.50E-06	5.41E-07	2.90E-05	6.82E-07	3.04E-05	3.54E-05	2.05E-04	1.37E-04	2.93E-05	1.16E-04	6.17E-06	5.40E-06	1.56E-06	3.69E-06
357.3	6368.701	Grid Location	1.38E-01	6.47E-02	2.27E+00	3.23E+00	1.99E-01	3.61E-01	1.45E-04	5.41E-10	1.25E+00	1.95E-01	5.42E-01	2.51E-06	5.43E-07	2.92E-05	6.85E-07	3.05E-05	3.56E-05	2.06E-04	1.38E-04	2.95E-05	1.16E-04	6.20E-06	5.42E-06	1.57E-06	3.71E-06
357.35	6368.701	Grid Location	1.40E-01	6.52E-02	2.26E+00	3.22E+00	1.97E-01	3.63E-01	1.46E-04	5.38E-10	1.24E+00	1.94E-01	5.40E-01	2.54E-06	5.49E-07	2.96E-05	6.94E-07	3.09E-05	3.60E-05	2.07E-04	1.39E-04	2.99E-05	1.18E-04	6.25E-06	5.49E-06	1.59E-06	3.76E-06
357.4	6368.701	Grid Location	1.40E-01	6.52E-02	2.22E+00	3.18E+00	1.98E-01	3.57E-01	1.46E-04	5.33E-10	1.23E+00	1.93E-01	5.25E-01	2.62E-06	5.62E-07	3.05E-05	7.16E-07	3.19E-05	3.68E-05	2.08E-04	1.43E-04	3.08E-05	1.21E-04	6.35E-06	5.67E-06	1.64E-06	3.88E-06
357.45	6368.701	Grid Location	1.45E-01	6.69E-02	2.22E+00	3.18E+00	2.01E-01	3.52E-01	1.49E-04	5.30E-10	1.22E+00	1.94E-01	5.26E-01	2.76E-06	5.90E-07	3.22E-05	7.58E-07	3.37E-05	3.86E-05	2.13E-04	1.51E-04	3.25E-05	1.28E-04	6.59E-06	6.00E-06	1.74E-06	4.10E-06
357.5	6368.701	Grid Location	1.54E-01	7.09E-02	2.28E+00	3.23E+00	2.06E-01	3.50E-01	1.54E-04	5.33E-10	1.24E+00	1.97E-01	5.44E-01	2.98E-06	6.36E-07	3.50E-05	8.23E-07	3.65E-05	4.16E-05	2.25E-04	1.63E-04	3.53E-05	1.39E-04	7.04E-06	6.52E-06	1.89E-06	4.46E-06
357.55	6368.701	Grid Location	1.69E-01	7.75E-02	2.35E+00	3.33E+00	2.16E-01	3.50E-01	1.66E-04	5.46E-10	1.28E+00	2.03E-01	5.64E-01	3.36E-06	7.15E-07	3.96E-05	9.32E-07	4.12E-05	4.67E-05	2.48E-04	1.83E-04	3.99E-05	1.58E-04	7.85E-06	7.38E-06	2.14E-06	5.05E-06
357.6	6368.701	Grid Location	1.94E-01	8.83E-02	2.45E+00	3.49E+00	2.31E-01	3.52E-01	1.84E-04	5.70E-10	1.33E+00	2.15E-01	5.88E-01	4.01E-06	8.49E-07	4.75E-05	1.12E-06	4.94E-05	5.54E-05	2.85E-04	2.19E-04	4.79E-05	1.89E-04	9.18E-06	8.85E-06	2.56E-06	6.06E-06
357.65	6368.701	Grid Location	2.33E-01	1.05E-01	2.60E+00	3.72E+00	2.51E-01	3.60E-01	2.11E-04	6.09E-10	1.42E+00	2.32E-01	6.21E-01	4.99E-06	1.05E-06	5.94E-05	1.40E-06	6.17E-05	6.85E-05	3.39E-04	2.72E-04	5.99E-05	2.37E-04	1.12E-05	1.11E-05	3.21E-06	7.59E-06
357.7	6368.701	Grid Location	2.87E-01	1.28E-01	2.78E+00	4.04E+00	2.76E-01	3.75E-01	2.46E-04	6.62E-10	1.54E+00	2.53E-01	6.61E-01	6.33E-06	1.32E-06	7.57E-05	1.79E-06	7.84E-05	8.62E-05	4.12E-04	3.44E-04	7.63E-05	3.01E-04	1.39E-05	1.41E-05	4.09E-06	9.67E-06
357.75	6368.701	Grid Location	3.48E-01	1.54E-01	2.96E+00	4.38E+00	3.01E-01	3.95E-01	2.86E-04	7.23E-10	1.66E+00	2.76E-01	6.98E-01	7.85E-06	1.64E-06	9.41E-05	2.22E-06	9.75E-05	1.07E-04	5.01E-04	4.27E-04	9.49E-05	3.75E-04	1.71E-05	1.76E-05	5.09E-06	1.20E-05
357.8	6368.701	Grid Location	4.15E-01	1.83E-01	3.18E+00	4.79E+00	3.30E-01	4.21E-01	3.32E-04	7.95E-10	1.82E+00	3.02E-01	7.45E-01	9.51E-06	1.99E-06	1.14E-04	2.69E-06	1.18E-04	1.29E-04	6.11E-04	5.18E-04	1.15E-04	4.54E-04	2.07E-05	2.13E-05	6.16E-06	1.46E-05
357.85	6368.701	Grid Location	4.85E-01	2.13E-01	3.45E+00	5.26E+00	3.63E-01	4.53E-01	3.82E-04	8.77E-10	1.99E+00	3.31E-01	8.06E-01	1.12E-05	2.34E-06	1.33E-04	3.15E-06	1.38E-04	1.52E-04	7.34E-04	6.08E-04	1.35E-04	5.32E-04	2.46E-05	2.49E-05	7.22E-06	1.71E-05
357.9	6368.701	Grid Location	5.49E-01	2.41E-01	3.72E+00	5.72E+00	3.95E-01	4.85E-01	4.30E-04	9.60E-10	2.17E+00	3.60E-01	8.66E-01	1.27E-05	2.67E-06	1.52E-04	3.58E-06	1.57E-04	1.74E-04	8.58E-04	6.93E-04	1.53E-04	6.04E-04	2.84E-05	2.83E-05	8.20E-06	1.94E-05
357.95	6368.701	Grid Location	6.03E-01	2.64E-01	3.93E+00	6.14E+00	4.26E-01	5.14E-01	4.76E-04	1.04E-09	2.33E+00	3.87E-01	9.13E-01	1.42E-05	2.98E-06	1.68E-04	3.97E-06	1.75E-04	1.95E-04	9.73E-04	7.71E-04	1.70E-04	6.70E-04	3.19E-05	3.14E-05	9.09E-06	2.15E-05
358	6368.701	Grid Location	6.46E-01	2.81E-01	4.08E+00	6.49E+00	4.51E-01	5.37E-01	5.16E-04	1.11E-09	2.47E+00	4.09E-01	9.43E-01	1.54E-05	3.26E-06	1.83E-04	4.32E-06	1.90E-04	2.12E-04	1.07E-03	8.41E-04	1.85E-04	7.30E-04	3.49E-05	3.42E-05	9.90E-06	2.34E-05
356.5	6368.75	Grid Location	1.74E-01	7.78E-02	2.51E+00	3.55E+00	2.23E-01	3.79E-01	1.81E-04	6.12E-10	1.41E+00	2.20E-01	6.10E-01	3.64E-06	7.80E-07	4.25E-05	9.99E-07	4.44E-05	5.11E-05	2.84E-04	1.99E-04	4.29E-05	1.69E-04	8.74E-06	7.91E-06	2.29E-06	5.41E-06
356.55	6368.75	Grid Location	1.68E-01	7.55E-02	2.54E+00	3.57E+00	2.25E-01	3.81E-01	1.80E-04	6.12E-10	1.41E+00	2.21E-01	6.19E-01	3.46E-06	7.46E-07	4.03E-05	9.46E-07	4.22E-05	4.89E-05	2.79E-04	1.89E-04	4.07E-05	1.60E-04	8.46E-06	7.49E-06	2.17E-06	5.13E-06
356.6	6368.75	Grid Location	1.67E-01	7.60E-02	2.62E+00	3.66E+00	2.32E-01	3.90E-01	1.79E-04	6.18E-10	1.44E+00	2.25E-01	6.40E-01	3.37E-06	7.26E-07	3.91E-05	9.19E-07	4.10E-05	4.76E-05	2.73E-04	1.84E-04	3.95E-05	1.56E-04	8.25E-06	7.28E-06	2.11E-06	4.98E-06
356.65	6368.75	Grid Location	1.71E-01	7.85E-02	2.70E+00	3.76E+00	2.39E-01	3.99E-01	1.79E-04	6.30E-10	1.47E+00	2.29E-01	6.60E-01	3.35E-06	7.21E-07	3.89E-05	9.15E-07	4.07E-05	4.72E-05	2.69E-04	1.83E-04	3.93E-05	1.55E-04	8.17E-06	7.24E-06	2.10E-06	4.95E-06
356.7	6368.75	Grid Location	1.77E-01	8.19E-02	2.77E+00	3.87E+00	2.43E-01	4.07E-01	1.82E-04	6.49E-10	1.51E+00	2.34E-01	6.78E-01	3.37E-06	7.25E-07	3.92E-05	9.20E-07	4.10E-05	4.75E-05	2.71E-04	1.84E-04	3.96E-05	1.56E-04	8.23E-06	7.28E-06	2.11E-06	4.98E-06
356.75	6368.75	Grid Location	1.81E-01	8.37E-02	2.80E+00	3.92E+00	2.40E-01	4.11E-01	1.87E-04	6.67E-10	1.55E+00	2.36E-01	6.91E-01	3.36E-06	7.26E-07	3.89E-05	9.14E-07	4.08E-05	4.76E-05	2.77E-04	1.84E-04	3.93E-05	1.55E-04	8.31E-06	7.23E-06	2.09E-06	4.95E-06
356.8	6368.75	Grid Location	1.78E-01	8.30E-02	2.81E+00	3.90E+00	2.31E-01	4.07E-01	1.90E-04	6.76E-10	1.56E+00	2.33E-01	7.03E-01	3.26E-06	7.10E-07	3.75E-05	8.79E-07	3.94E-05	4.66E-05	2.82E-04	1.79E-04	3.79E-05	1.49E-04	8.29E-06	6.96E-06	2.01E-06	4.76E-06
356.85	6368.75	Grid Location	1.71E-01	8.07E-02	2.80E+00	3.80E+00	2.21E-01	4.03E-01	1.89E-04	6.64E-10	1.54E+00	2.27E-01	7.12E-01	3.08E-06	6.75E-07	3.51E-05	8.22E-07	3.70E-05	4.44E-05	2.79E-04	1.69E-04	3.55E-05	1.40E-04	8.02E-06	6.51E-06	1.88E-06	4.45E-06
356.9	6368.75	Grid Location	1.64E-01	7.80E-02	2.78E+00	3.71E+00	2.18E-01	4.04E-01	1.81E-04	6.38E-10	1.50E+00	2.20E-01	7.12E-01	2.89E-06	6.36E-07	3.29E-05	7.71E-07	3.47E-05	4.18E-05	2.65E-04	1.59E-04	3.33E-05	1.31E-04	7.59E-06	6.11E-06	1.77E-06	4.18E-06
356.95	6368.75	Grid Location	1.58E-01	7.48E-02	2.74E+00	3.63E+00	2.17E-01	4.09E-01	1.68E-04	6.06E-10	1.44E+00	2.14E-01	6.98E-01	2.74E-06	6.00E-07	3.13E-05	7.34E-07	3.30E-05	3.94E-05	2.45E-04	1.50E-04	3.17E-05	1.25E-04	7.09E-06	5.81E-06	1.68E-06	3.98E-06
357	6368.75	Grid Location	1.52E-01	7.22E-02	2.71E+00	3.56E+00	2.17E-01	4.13E-01	1.57E-04	5.79E-10	1.39E+00	2.09E-01	6.85E-01	2.63E-06	5.73E-07	3.03E-05	7.11E-07	3.18E-05	3.76E-05	2.26E-04	1.44E-04	3.06E-05	1.21E-04	6.66E-06	5.63E-06	1.63E-06	3.85E-06
357.05	6368.75	Grid Location	1.47E-01	6.97E-02	2.65E+00	3.49E+00	2.14E-01	4.08E-01	1.48E-04	5.60E-10	1.35E+00	2.05E-01	6.64E-01	2.55E-06	5.53E-07	2.96E-05	6.94E-07	3.10E-05	3.62E-05	2.12E-04	1.40E-04	2.99E-05	1.18E-04	6.34E-06	5.49E-06	1.59E-06	3.76E-06
357.1	6368.75	Grid Location	1.42E-01	6.67E-02	2.53E+00	3.41E+00	2.12E-01	3.98E-01	1.43E-04	5.49E-10	1.31E+00	2.03E-01	6.20E-01	2.51E-06	5.41E-07	2.92E-05	6.85E-07	3.05E-05	3.55E-05	2.03E-04	1.37E-04	2.95E-05	1.16E-04	6.15E-06	5.42E-06	1.57E-06	3.71E-06
357.15	6368.75	Grid Location	1.39E-01	6.45E-02	2.41E+00	3.37E+00	2.11E-01	3.93E-01	1.41E-04	5.46E-10	1.28E+00	2.02E-01	5.76E-01	2.50E-06	5.38E-07	2.91E-05	6.84E-07	3.05E-05	3.52E-05	1.99E-04	1.37E-04	2.94E-05	1.16E-04	6.07E-06	5.42E-06	1.57E-06	3.71E-06
357.2	6368.75	Grid Location	1.38E-01	6.42E-02	2.37E+00	3.37E+00	2.11E-01	3.94E-01	1.40E-04	5.47E-10	1.27E+00	2.03E-01	5.58E-01	2.51E-06	5.38E-07	2.92E-05	6.87E-07	3.06E-05	3.53E-05	1.98E-04	1.37E-04	2.95E-05	1.16E-04	6.06E-06	5.44E-06	1.57E-06	3.72E-06
357.25	6368.75	Grid Location	1.40E-01	6.51E-02	2.39E+00	3.39E+00	2.11E-01	3.99E-01	1.41E-04	5.51E-10	1.28E+00	2.04E-01	5.62E-01	2.52E-06	5.41E-07	2.94E-05	6.91E-07	3.07E-05	3.54E-05	1.99E-04	1.38E-04	2.97E-05	1.17E-04	6.09E-06	5.47E-06	1.58E-06	3.74E-06
357.3	6368.75	Grid Location	1.43E-01	6.64E-02	2.43E+00	3.42E+00	2.10E-01	4.08E-01	1.42E-04	5.54E-10	1.29E+00	2.04E-01	5.72E-01	2.54E-06	5.45E-07	2.96E-05	6.96E-07	3.10E-05	3.57E-05	2.01E-04	1.39E-04	2.99E-05	1.18E-04	6.14E-06	5.51E-06	1.59E-06	3.77E-06
357.35	6368.75	Grid Location	1.44E-01	6.70E-02	2.42E+00	3.42E+00	2.10E-01	4.11E-01	1.43E-04	5.53E-10	1.29E+00	2.04E-01	5.70E-01	2.58E-06	5.54E-07	3.01E-05	7.09E-07	3.15E-05	3.62E-05	2.02E-04	1.41E-04	3.04E-05	1.20E-04	6.21E-06	5.61E-06	1.62E-06	3.84E-06
357.4	6368.75	Grid Location	1.46E-01	6.78E-02	2.39E+00	3.40E+00	2.11E-01	4.08E-01	1.44E-04	5.50E-10	1.28E+00	2.04E-01	5.60E-01	2.67E-06	5.71E-07	3.13E-05	7.36E-07	3.27E-05	3.74E-05	2.04E-04	1.46E-04	3.16E-05	1.25E-04	6.35E-06	5.83E-06	1.69E-06	3.99E-06
357.45	6368.75	Grid Location	1.54E-01	7.12E-02	2.44E+00	3.42E+00	2.16E-01	4.08E-01	1.47E-04	5.48E-10	1.29E+00	2.06E-01	5.74E-01	2.83E-06	6.03E-07	3.33E-05	7.85E-07	3.47E-05	3.94E-05	2.10E-04	1.55E-04	3.36E-05	1.33E-04	6.63E-06	6.21E-06	1.80E-06	4.25E-06
357.5	6368.75	Grid Location	1.68E-01	7.79E-02	2.55E+00	3.50E+00	2.23E-01	4.10E-01	1.55E-04	5.54E-10	1.32E+00	2.10E-01	6.12E-01	3.09E-06	6.57E-07	3.65E-05	8.59E-07	3.80E-05	4.29E-05	2.25E-04	1.69E-04	3.68E-05	1.45E-04	7.17E-06	6.80E-06	1.97E-06	4.66E-06
357.55	6368.75	Grid Location	1.90E-01	8.83E-02	2.69E+00	3.63E+00	2.34E-01	4.13E-01	1.69E-04	5.70E-10	1.37E+00	2.18E-01	6.55E-01	3.57E-06	7.55E-07	4.22E-05	9.95E-07	4.39E-05	4.93E-05	2.54E-04	1.95E-04	4.26E-05	1.68E-04	8.17E-06	7.88E-06	2.28E-06	5.39E-06
357.6	6368.75	Grid Location	2.28E-01	1.05E-01	2.87E+00	3.85E+00	2.55E-01	4.17E-01	1.93E-04	6.01E-10	1.46E+00	2.33E-01	7.00E-01	4.44E-06	9.34E-07	5.28E-05	1.25E-06	5.49E-05	6.09E-05	3.01E-04	2.42E-04	5.33E-05	2.11E-04	9.93E-06	9.87E-06	2.86E-06	6.75E-06
357.65	6368.75	Grid Location	2.86E-01	1.31E-01	3.07E+00	4.17E+00	2.83E-01	4.28E-01	2.27E-04	6.52E-10	1.58E+00	2.55E-01	7.49E-01	5.81E-06	1.21E-06	6.96E-05	1.64E-06	7.21E-05	7.90E-05	3.72E-04	3.16E-04	7.02E-05	2.77E-04	1.26E-05	1.30E-05	3.77E-06	8.90E-06
357.7	6368.75	Grid Location	3.62E-01	1.63E-01	3.30E+00	4.59E+00	3.17E-01	4.46E-01	2.74E-04	7.22E-10	1.73E+00	2.84E-01	7.97E-01	7.69E-06	1.60E-06	9.26E-05	2.19E-06	9.57E-05	1.04E-04	4.71E-04	4.18E-04	9.33E-05	3.69E-04	1.64E-05	1.73E-05	5.01E-06	1.18E-05
357.75	6368.75	Grid Location	4.48E-01	2.00E-01	3.54E+00	5.06E+00	3.52E-01	4.71E-01	3.29E-04	8.07E-10	1.90E+00	3.16E-01	8.42E-01	9.81E-06	2.03E-06	1.18E-04	2.80E-06	1.22E-04	1.32E-04	5.95E-04	5.33E-04	1.19E-04	4.71E-04	2.08E-05	2.21E-05	6.41E-06	1.51E-05
357.8	6368.75	Grid Location	5.35E-01	2.37E-01	3.79E+00	5.58E+00	3.86E-01	5.03E-01	3.90E-04	9.03E-10	2.10E+00	3.49E-01	8.90E-01	1.19E-05	2.48E-06	1.44E-04	3.39E-06	1.49E-04	1.62E-04	7.40E-04	6.50E-04	1.45E-04	5.73E-04	2.56E-05	2.69E-05	7.78E-06	1.84E-05
357.85	6368.75	Grid Location	6.21E-01	2.74E-01	4.08E+00	6.13E+00	4.22E-01	5.46E-01	4.52E-04	1.00E-09	2.31E+00	3.83E-01	9.54E-01	1.40E-05	2.91E-06	1.67E-04	3.95E-06	1.73E-04	1.90E-04	8.96E-04	7.60E-04	1.69E-04	6.66E-04	3.04E-05	3.13E-05	9.05E-06	2.14E-05
357.9	6368.75	Grid Location	6.97E-01	3.08E-01	4.37E+00	6.64E+00	4.55E-01	5.89E-01	5.10E-04	1.10E-09	2.51E+00	4.14E-01	1.02E+00	1.57E-05	3.30E-06	1.88E-04	4.43E-06	1.95E-04	2.15E-04	1.04E-03	8.57E-04	1.89E-04	7.48E-04	3.48E-05	3.51E-05	1.02E-05	2.40E-05
357.95	6368.75	Grid Location	7.61E-01	3.35E-01	4.62E+00	7.11E+00	4.88E-01	6.26E-01	5.63E-04	1.19E-09	2.69E+00	4.43E-01	1.08E+00	1.74E-05	3.65E-06	2.07E-04	4.88E-06	2.15E-04	2.38E-04	1.18E-03	9.46E-04	2.08E-04	8.23E-04	3.88E-05	3.86E-05	1.12E-05	2.64E-05
358	6368.75	Grid Location	8.09E-01	3.53E-01	4.83E+00	7.54E+00	5.19E-01	6.55E-01	6.12E-04	1.27E-09	2.85E+00	4.70E-01	1.13E+00	1.89E-05	3.97E-06	2.24E-04	5.29E-06	2.33E-04	2.59E-04	1.30E-03	1.03E-03	2.26E-04	8.93E-04	4.25E-05	4.19E-05	1.21E-05	2.86E-05
356.5	6368.8	Grid Location	1.62E-01	7.22E-02	2.55E+00	3.67E+00	2.31E-01	3.98E-01	1.73E-04	6.33E-10	1.45E+00	2.30E-01	6.04E-01	3.40E-06	7.28E-07	3.97E-05	9.33E-07	4.15E-05	4.77E-05	2.65E-04	1.86E-04	4.01E-05	1.58E-04	8.16E-06	7.38E-06	2.14E-06	5.05E-06
356.55	6368.8	Grid Location	1.60E-01	7.19E-02	2.62E+00	3.71E+00	2.33E-01	4.07E-01	1.72E-04	6.35E-10	1.46E+00	2.32E-01	6.24E-01	3.29E-06	7.06E-07	3.83E-05	9.00E-07	4.00E-05	4.62E-05	2.60E-04	1.80E-04	3.87E-05	1.52E-04	7.96E-06	7.12E-06	2.06E-06	4.87E-06
356.6	6368.8	Grid Location	1.62E-01	7.34E-02	2.71E+00	3.79E+00	2.38E-01	4.20E-01	1.71E-04	6.40E-10	1.48E+00	2.35E-01	6.49E-01	3.23E-06	6.93E-07	3.76E-05	8.85E-07	3.93E-05	4.54E-05	2.55E-04	1.76E-04	3.80E-05	1.50E-04	7.81E-06	7.00E-06	2.03E-06	4.79E-06
356.65	6368.8	Grid Location	1.68E-01	7.67E-02	2.79E+00	3.89E+00	2.43E-01	4.32E-01	1.72E-04	6.51E-10	1.52E+00	2.38E-01	6.73E-01	3.24E-06	6.94E-07	3.78E-05	8.89E-07	3.95E-05	4.55E-05	2.53E-04	1.77E-04	3.82E-05	1.51E-04	7.79E-06	7.04E-06	2.04E-06	4.82E-06
356.7	6368.8	Grid Location	1.76E-01	8.07E-02	2.87E+00	3.99E+00	2.46E-01	4.41E-01	1.76E-04	6.68E-10	1.56E+00	2.42E-01	6.93E-01	3.30E-06	7.07E-07	3.85E-05	9.06E-07	4.03E-05	4.63E-05	2.57E-04	1.80E-04	3.89E-05	1.53E-04	7.92E-06	7.17E-06	2.08E-06	4.91E-06
356.75	6368.8	Grid Location	1.81E-01	8.32E-02	2.91E+00	4.07E+00	2.46E-01	4.43E-01	1.83E-04	6.89E-10	1.60E+00	2.45E-01	7.09E-01	3.35E-06	7.21E-07	3.90E-05	9.17E-07	4.08E-05	4.72E-05	2.67E-04	1.83E-04	3.94E-05	1.55E-04	8.15E-06	7.26E-06	2.10E-06	4.97E-06
356.8	6368.8	Grid Location	1.81E-01	8.39E-02	2.94E+00	4.08E+00	2.41E-01	4.40E-01	1.90E-04	7.03E-10	1.63E+00	2.45E-01	7.28E-01	3.31E-06	7.18E-07	3.83E-05	8.98E-07	4.01E-05	4.71E-05	2.78E-04	1.81E-04	3.87E-05	1.52E-04	8.27E-06	7.11E-06	2.06E-06	4.86E-06
356.85	6368.8	Grid Location	1.79E-01	8.40E-02	2.99E+00	4.04E+00	2.33E-01	4.43E-01	1.92E-04	6.98E-10	1.63E+00	2.40E-01	7.55E-01	3.16E-06	6.92E-07	3.63E-05	8.50E-07	3.81E-05	4.54E-05	2.80E-04	1.73E-04	3.67E-05	1.44E-04	8.14E-06	6.73E-06	1.95E-06	4.60E-06
356.9	6368.8	Grid Location	1.75E-01	8.32E-02	3.01E+00	3.94E+00	2.26E-01	4.48E-01	1.84E-04	6.69E-10	1.59E+00	2.31E-01	7.74E-01	2.95E-06	6.47E-07	3.36E-05	7.87E-07	3.54E-05	4.25E-05	2.67E-04	1.62E-04	3.40E-05	1.34E-04	7.68E-06	6.23E-06	1.80E-06	4.26E-06
356.95	6368.8	Grid Location	1.69E-01	8.11E-02	3.00E+00	3.83E+00	2.23E-01	4.55E-01	1.70E-04	6.28E-10	1.52E+00	2.22E-01	7.72E-01	2.75E-06	6.03E-07	3.15E-05	7.39E-07	3.32E-05	3.96E-05	2.45E-04	1.51E-04	3.19E-05	1.25E-04	7.10E-06	5.85E-06	1.69E-06	4.00E-06
357	6368.8	Grid Location	1.63E-01	7.79E-02	2.94E+00	3.73E+00	2.23E-01	4.63E-01	1.55E-04	5.89E-10	1.45E+00	2.15E-01	7.50E-01	2.62E-06	5.69E-07	3.02E-05	7.10E-07	3.17E-05	3.73E-05	2.22E-04	1.43E-04	3.06E-05	1.20E-04	6.58E-06	5.62E-06	1.63E-06	3.84E-06
357.05	6368.8	Grid Location	1.56E-01	7.43E-02	2.86E+00	3.65E+00	2.21E-01	4.63E-01	1.44E-04	5.61E-10	1.39E+00	2.09E-01	7.20E-01	2.53E-06	5.45E-07	2.94E-05	6.90E-07	3.08E-05	3.57E-05	2.04E-04	1.38E-04	2.97E-05	1.17E-04	6.19E-06	5.47E-06	1.58E-06	3.74E-06
357.1	6368.8	Grid Location	1.48E-01	7.00E-02	2.73E+00	3.57E+00	2.18E-01	4.52E-01	1.37E-04	5.46E-10	1.34E+00	2.06E-01	6.70E-01	2.47E-06	5.31E-07	2.89E-05	6.79E-07	3.02E-05	3.47E-05	1.94E-04	1.35E-04	2.92E-05	1.15E-04	5.95E-06	5.37E-06	1.56E-06	3.68E-06
357.15	6368.8	Grid Location	1.41E-01	6.57E-02	2.57E+00	3.51E+00	2.18E-01	4.41E-01	1.34E-04	5.43E-10	1.30E+00	2.06E-01	6.09E-01	2.46E-06	5.27E-07	2.88E-05	6.78E-07	3.01E-05	3.45E-05	1.89E-04	1.35E-04	2.91E-05	1.15E-04	5.87E-06	5.37E-06	1.55E-06	3.67E-06
357.2	6368.8	Grid Location	1.39E-01	6.40E-02	2.50E+00	3.51E+00	2.20E-01	4.37E-01	1.34E-04	5.47E-10	1.29E+00	2.08E-01	5.78E-01	2.48E-06	5.30E-07	2.91E-05	6.85E-07	3.04E-05	3.47E-05	1.89E-04	1.36E-04	2.94E-05	1.16E-04	5.88E-06	5.42E-06	1.57E-06	3.71E-06
357.25	6368.8	Grid Location	1.41E-01	6.47E-02	2.52E+00	3.55E+00	2.21E-01	4.42E-01	1.35E-04	5.56E-10	1.31E+00	2.11E-01	5.81E-01	2.51E-06	5.36E-07	2.94E-05	6.92E-07	3.07E-05	3.51E-05	1.91E-04	1.37E-04	2.97E-05	1.17E-04	5.94E-06	5.48E-06	1.59E-06	3.75E-06
357.3	6368.8	Grid Location	1.44E-01	6.63E-02	2.57E+00	3.60E+00	2.21E-01	4.52E-01	1.37E-04	5.63E-10	1.33E+00	2.12E-01	5.97E-01	2.54E-06	5.43E-07	2.98E-05	7.01E-07	3.11E-05	3.55E-05	1.93E-04	1.39E-04	3.01E-05	1.19E-04	6.03E-06	5.55E-06	1.61E-06	3.80E-06

357.35	6368.8	Grid Location	1.46E-01	6.72E-02	2.58E+00	3.62E+00	2.22E-01	4.57E-01	1.39E-04	5.65E-10	1.34E+00	2.13E-01	5.97E-01	2.61E-06	5.56E-07	3.06E-05	7.20E-07	3.19E-05	3.63E-05	1.96E-04	1.42E-04	3.09E-05	1.22E-04	6.14E-06	5.70E-06	1.65E-06	3.90E-06
357.4	6368.8	Grid Location	1.50E-01	6.88E-02	2.57E+00	3.63E+00	2.26E-01	4.59E-01	1.41E-04	5.64E-10	1.33E+00	2.15E-01	5.90E-01	2.73E-06	5.80E-07	3.22E-05	7.59E-07	3.36E-05	3.79E-05	1.99E-04	1.49E-04	3.25E-05	1.28E-04	6.33E-06	6.01E-06	1.74E-06	4.11E-06
357.45	6368.8	Grid Location	1.61E-01	7.40E-02	2.66E+00	3.68E+00	2.33E-01	4.66E-01	1.45E-04	5.64E-10	1.35E+00	2.18E-01	6.20E-01	2.93E-06	6.18E-07	3.47E-05	8.18E-07	3.61E-05	4.04E-05	2.06E-04	1.60E-04	3.50E-05	1.38E-04	6.67E-06	6.47E-06	1.87E-06	4.43E-06
357.5	6368.8	Grid Location	1.80E-01	8.36E-02	2.85E+00	3.79E+00	2.41E-01	4.79E-01	1.54E-04	5.72E-10	1.40E+00	2.23E-01	6.81E-01	3.24E-06	6.83E-07	3.85E-05	9.08E-07	4.00E-05	4.46E-05	2.24E-04	1.77E-04	3.88E-05	1.53E-04	7.31E-06	7.19E-06	2.08E-06	4.92E-06
357.55	6368.8	Grid Location	2.13E-01	9.92E-02	3.09E+00	3.98E+00	2.57E-01	4.92E-01	1.71E-04	5.92E-10	1.48E+00	2.34E-01	7.57E-01	3.86E-06	8.11E-07	4.61E-05	1.09E-06	4.78E-05	5.29E-05	2.58E-04	2.10E-04	4.64E-05	1.83E-04	8.58E-06	8.60E-06	2.49E-06	5.89E-06
357.6	6368.8	Grid Location	2.71E-01	1.26E-01	3.40E+00	4.31E+00	2.86E-01	5.06E-01	2.01E-04	6.33E-10	1.60E+00	2.55E-01	8.45E-01	5.06E-06	1.05E-06	6.08E-05	1.43E-06	6.29E-05	6.87E-05	3.19E-04	2.75E-04	6.12E-05	2.42E-04	1.09E-05	1.14E-05	3.29E-06	7.77E-06
357.65	6368.8	Grid Location	3.57E-01	1.63E-01	3.72E+00	4.77E+00	3.24E-01	5.24E-01	2.47E-04	7.01E-10	1.77E+00	2.86E-01	9.26E-01	6.98E-06	1.44E-06	8.44E-05	1.99E-06	8.71E-05	9.39E-05	4.15E-04	3.79E-04	8.50E-05	3.36E-04	1.47E-05	1.58E-05	4.57E-06	1.08E-05
357.7	6368.8	Grid Location	4.60E-01	2.08E-01	4.00E+00	5.29E+00	3.66E-01	5.44E-01	3.07E-04	7.90E-10	1.96E+00	3.21E-01	9.81E-01	9.40E-06	1.94E-06	1.14E-04	2.70E-06	1.18E-04	1.26E-04	5.42E-04	5.11E-04	1.15E-04	4.54E-04	1.95E-05	2.13E-05	6.18E-06	1.46E-05
357.75	6368.8	Grid Location	5.75E-01	2.58E-01	4.28E+00	5.89E+00	4.10E-01	5.75E-01	3.77E-04	9.02E-10	2.19E+00	3.62E-01	1.03E+00	1.21E-05	2.50E-06	1.47E-04	3.47E-06	1.51E-04	1.62E-04	7.03E-04	6.58E-04	1.48E-04	5.85E-04	2.52E-05	2.75E-05	7.95E-06	1.88E-05
357.8	6368.8	Grid Location	6.84E-01	3.05E-01	4.55E+00	6.50E+00	4.50E-01	6.15E-01	4.49E-04	1.02E-09	2.42E+00	4.02E-01	1.08E+00	1.47E-05	3.04E-06	1.77E-04	4.19E-06	1.83E-04	1.97E-04	8.77E-04	7.97E-04	1.78E-04	7.06E-04	3.09E-05	3.32E-05	9.60E-06	2.27E-05
357.85	6368.8	Grid Location	7.89E-01	3.50E-01	4.87E+00	7.17E+00	4.92E-01	6.70E-01	5.24E-04	1.15E-09	2.67E+00	4.43E-01	1.14E+00	1.71E-05	3.56E-06	2.06E-04	4.86E-06	2.13E-04	2.32E-04	1.06E-03	9.31E-04	2.07E-04	8.20E-04	3.67E-05	3.85E-05	1.11E-05	2.63E-05
357.9	6368.8	Grid Location	8.78E-01	3.88E-01	5.17E+00	7.78E+00	5.30E-01	7.27E-01	5.96E-04	1.27E-09	2.91E+00	4.80E-01	1.21E+00	1.93E-05	4.03E-06	2.31E-04	5.46E-06	2.40E-04	2.63E-04	1.24E-03	1.05E-03	2.33E-04	9.22E-04	4.20E-05	4.32E-05	1.25E-05	2.96E-05
357.95	6368.8	Grid Location	9.48E-01	4.16E-01	5.44E+00	8.29E+00	5.64E-01	7.68E-01	6.60E-04	1.37E-09	3.11E+00	5.10E-01	1.27E+00	2.12E-05	4.44E-06	2.53E-04	5.97E-06	2.62E-04	2.89E-04	1.39E-03	1.15E-03	2.55E-04	1.01E-03	4.67E-05	4.73E-05	1.37E-05	3.23E-05
358	6368.8	Grid Location	9.97E-01	4.34E-01	5.68E+00	8.77E+00	5.96E-01	7.98E-01	7.21E-04	1.46E-09	3.30E+00	5.39E-01	1.33E+00	2.29E-05	4.81E-06	2.73E-04	6.43E-06	2.83E-04	3.14E-04	1.54E-03	1.25E-03	2.75E-04	1.09E-03	5.10E-05	5.09E-05	1.47E-05	3.49E-05
356.5	6368.851	Grid Location	1.53E-01	6.80E-02	2.63E+00	3.80E+00	2.39E-01	4.22E-01	1.64E-04	6.51E-10	1.48E+00	2.39E-01	6.11E-01	3.14E-06	6.72E-07	3.67E-05	8.63E-07	3.84E-05	4.40E-05	2.43E-04	1.72E-04	3.71E-05	1.46E-04	7.51E-06	6.84E-06	1.98E-06	4.68E-06
356.55	6368.851	Grid Location	1.55E-01	6.92E-02	2.71E+00	3.86E+00	2.42E-01	4.38E-01	1.64E-04	6.55E-10	1.50E+00	2.41E-01	6.32E-01	3.11E-06	6.65E-07	3.63E-05	8.53E-07	3.79E-05	4.35E-05	2.41E-04	1.70E-04	3.67E-05	1.44E-04	7.44E-06	6.76E-06	1.96E-06	4.62E-06
356.6	6368.851	Grid Location	1.59E-01	7.16E-02	2.79E+00	3.94E+00	2.44E-01	4.54E-01	1.64E-04	6.62E-10	1.53E+00	2.44E-01	6.56E-01	3.09E-06	6.62E-07	3.62E-05	8.51E-07	3.78E-05	4.33E-05	2.39E-04	1.69E-04	3.65E-05	1.44E-04	7.39E-06	6.74E-06	1.95E-06	4.61E-06
356.65	6368.851	Grid Location	1.66E-01	7.56E-02	2.88E+00	4.03E+00	2.47E-01	4.70E-01	1.65E-04	6.74E-10	1.56E+00	2.47E-01	6.82E-01	3.13E-06	6.69E-07	3.67E-05	8.63E-07	3.83E-05	4.38E-05	2.39E-04	1.71E-04	3.71E-05	1.46E-04	7.44E-06	6.83E-06	1.98E-06	4.68E-06
356.7	6368.851	Grid Location	1.74E-01	7.95E-02	2.93E+00	4.09E+00	2.47E-01	4.78E-01	1.69E-04	6.86E-10	1.59E+00	2.48E-01	6.98E-01	3.19E-06	6.82E-07	3.74E-05	8.79E-07	3.90E-05	4.46E-05	2.43E-04	1.74E-04	3.77E-05	1.49E-04	7.57E-06	6.96E-06	2.02E-06	4.76E-06
356.75	6368.851	Grid Location	1.81E-01	8.33E-02	2.99E+00	4.17E+00	2.47E-01	4.80E-01	1.77E-04	7.04E-10	1.63E+00	2.51E-01	7.21E-01	3.28E-06	7.02E-07	3.83E-05	9.02E-07	4.00E-05	4.59E-05	2.54E-04	1.79E-04	3.87E-05	1.53E-04	7.84E-06	7.14E-06	2.07E-06	4.88E-06
356.8	6368.851	Grid Location	1.86E-01	8.62E-02	3.08E+00	4.24E+00	2.48E-01	4.84E-01	1.85E-04	7.18E-10	1.67E+00	2.53E-01	7.52E-01	3.33E-06	7.17E-07	3.88E-05	9.11E-07	4.06E-05	4.70E-05	2.66E-04	1.82E-04	3.92E-05	1.54E-04	8.11E-06	7.21E-06	2.09E-06	4.94E-06
356.85	6368.851	Grid Location	1.88E-01	8.77E-02	3.16E+00	4.25E+00	2.44E-01	4.90E-01	1.90E-04	7.17E-10	1.69E+00	2.50E-01	7.85E-01	3.25E-06	7.05E-07	3.76E-05	8.82E-07	3.94E-05	4.63E-05	2.73E-04	1.78E-04	3.80E-05	1.50E-04	8.13E-06	6.98E-06	2.02E-06	4.78E-06
356.9	6368.851	Grid Location	1.86E-01	8.84E-02	3.23E+00	4.18E+00	2.35E-01	5.01E-01	1.86E-04	6.94E-10	1.67E+00	2.42E-01	8.23E-01	3.03E-06	6.62E-07	3.48E-05	8.15E-07	3.66E-05	4.35E-05	2.66E-04	1.66E-04	3.52E-05	1.38E-04	7.76E-06	6.45E-06	1.87E-06	4.41E-06
356.95	6368.851	Grid Location	1.81E-01	8.75E-02	3.25E+00	4.04E+00	2.29E-01	5.10E-01	1.70E-04	6.46E-10	1.60E+00	2.30E-01	8.41E-01	2.77E-06	6.06E-07	3.18E-05	7.46E-07	3.35E-05	3.98E-05	2.43E-04	1.52E-04	3.22E-05	1.27E-04	7.10E-06	5.91E-06	1.71E-06	4.04E-06
357	6368.851	Grid Location	1.73E-01	8.36E-02	3.18E+00	3.89E+00	2.26E-01	5.16E-01	1.51E-04	5.92E-10	1.50E+00	2.18E-01	8.16E-01	2.59E-06	5.60E-07	2.99E-05	7.02E-07	3.14E-05	3.67E-05	2.15E-04	1.41E-04	3.02E-05	1.19E-04	6.43E-06	5.56E-06	1.61E-06	3.80E-06
357.05	6368.851	Grid Location	1.62E-01	7.77E-02	3.04E+00	3.76E+00	2.24E-01	5.14E-01	1.36E-04	5.52E-10	1.40E+00	2.10E-01	7.64E-01	2.46E-06	5.28E-07	2.87E-05	6.75E-07	3.00E-05	3.45E-05	1.93E-04	1.34E-04	2.90E-05	1.14E-04	5.92E-06	5.34E-06	1.55E-06	3.66E-06
357.1	6368.851	Grid Location	1.52E-01	7.19E-02	2.88E+00	3.66E+00	2.20E-01	5.01E-01	1.28E-04	5.31E-10	1.34E+00	2.05E-01	7.07E-01	2.38E-06	5.07E-07	2.79E-05	6.55E-07	2.91E-05	3.32E-05	1.80E-04	1.30E-04	2.81E-05	1.11E-04	5.62E-06	5.19E-06	1.50E-06	3.55E-06
357.15	6368.851	Grid Location	1.42E-01	6.61E-02	2.68E+00	3.58E+00	2.20E-01	4.85E-01	1.24E-04	5.28E-10	1.30E+00	2.05E-01	6.33E-01	2.35E-06	5.01E-07	2.76E-05	6.51E-07	2.88E-05	3.27E-05	1.75E-04	1.28E-04	2.79E-05	1.10E-04	5.51E-06	5.15E-06	1.49E-06	3.52E-06
357.2	6368.851	Grid Location	1.36E-01	6.25E-02	2.54E+00	3.55E+00	2.21E-01	4.77E-01	1.24E-04	5.33E-10	1.27E+00	2.07E-01	5.75E-01	2.37E-06	5.04E-07	2.79E-05	6.57E-07	2.91E-05	3.29E-05	1.74E-04	1.29E-04	2.82E-05	1.11E-04	5.52E-06	5.20E-06	1.51E-06	3.56E-06
357.25	6368.851	Grid Location	1.37E-01	6.25E-02	2.52E+00	3.58E+00	2.23E-01	4.81E-01	1.26E-04	5.45E-10	1.29E+00	2.11E-01	5.66E-01	2.40E-06	5.11E-07	2.83E-05	6.67E-07	2.95E-05	3.34E-05	1.77E-04	1.31E-04	2.86E-05	1.13E-04	5.60E-06	5.28E-06	1.53E-06	3.61E-06
357.3	6368.851	Grid Location	1.40E-01	6.44E-02	2.59E+00	3.65E+00	2.24E-01	4.92E-01	1.28E-04	5.56E-10	1.32E+00	2.14E-01	5.87E-01	2.46E-06	5.22E-07	2.89E-05	6.81E-07	3.01E-05	3.41E-05	1.80E-04	1.34E-04	2.92E-05	1.15E-04	5.72E-06	5.39E-06	1.56E-06	3.69E-06
357.35	6368.851	Grid Location	1.44E-01	6.58E-02	2.63E+00	3.70E+00	2.29E-01	5.00E-01	1.31E-04	5.61E-10	1.33E+00	2.17E-01	5.91E-01	2.55E-06	5.41E-07	3.02E-05	7.11E-07	3.14E-05	3.53E-05	1.84E-04	1.39E-04	3.05E-05	1.20E-04	5.88E-06	5.63E-06	1.63E-06	3.85E-06
357.4	6368.851	Grid Location	1.51E-01	6.87E-02	2.66E+00	3.77E+00	2.38E-01	5.09E-01	1.33E-04	5.63E-10	1.34E+00	2.22E-01	5.96E-01	2.74E-06	5.76E-07	3.25E-05	7.66E-07	3.38E-05	3.76E-05	1.88E-04	1.49E-04	3.28E-05	1.29E-04	6.15E-06	6.07E-06	1.76E-06	4.15E-06
357.45	6368.851	Grid Location	1.67E-01	7.67E-02	2.86E+00	3.89E+00	2.48E-01	5.26E-01	1.38E-04	5.67E-10	1.39E+00	2.27E-01	6.57E-01	2.99E-06	6.25E-07	3.57E-05	8.42E-07	3.70E-05	4.08E-05	1.96E-04	1.63E-04	3.60E-05	1.42E-04	6.58E-06	6.67E-06	1.93E-06	4.56E-06
357.5	6368.851	Grid Location	1.95E-01	9.04E-02	3.19E+00	4.08E+00	2.60E-01	5.54E-01	1.49E-04	5.78E-10	1.47E+00	2.35E-01	7.65E-01	3.38E-06	7.05E-07	4.05E-05	9.56E-07	4.19E-05	4.59E-05	2.16E-04	1.84E-04	4.08E-05	1.61E-04	7.34E-06	7.57E-06	2.19E-06	5.18E-06
357.55	6368.851	Grid Location	2.40E-01	1.12E-01	3.59E+00	4.38E+00	2.83E-01	5.85E-01	1.69E-04	6.04E-10	1.59E+00	2.51E-01	8.92E-01	4.22E-06	8.74E-07	5.08E-05	1.20E-06	5.25E-05	5.69E-05	2.57E-04	2.29E-04	5.12E-05	2.03E-04	8.95E-06	9.51E-06	2.75E-06	6.51E-06
357.6	6368.851	Grid Location	3.18E-01	1.46E-01	4.05E+00	4.84E+00	3.22E-01	6.17E-01	2.05E-04	6.54E-10	1.76E+00	2.78E-01	1.02E+00	5.87E-06	1.21E-06	7.13E-05	1.69E-06	7.35E-05	7.83E-05	3.30E-04	3.18E-04	7.18E-05	2.84E-04	1.20E-05	1.34E-05	3.87E-06	9.14E-06
357.65	6368.851	Grid Location	4.37E-01	1.98E-01	4.54E+00	5.48E+00	3.74E-01	6.50E-01	2.64E-04	7.44E-10	1.99E+00	3.19E-01	1.15E+00	8.46E-06	1.73E-06	1.03E-04	2.45E-06	1.06E-04	1.12E-04	4.52E-04	4.59E-04	1.04E-04	4.12E-04	1.69E-05	1.94E-05	5.60E-06	1.32E-05
357.7	6368.851	Grid Location	5.76E-01	2.60E-01	4.90E+00	6.15E+00	4.24E-01	6.80E-01	3.39E-04	8.59E-10	2.23E+00	3.63E-01	1.22E+00	1.14E-05	2.33E-06	1.39E-04	3.30E-06	1.44E-04	1.52E-04	6.13E-04	6.20E-04	1.40E-04	5.56E-04	2.29E-05	2.61E-05	7.57E-06	1.79E-05
357.75	6368.851	Grid Location	7.23E-01	3.26E-01	5.19E+00	6.85E+00	4.72E-01	7.21E-01	4.23E-04	1.00E-09	2.50E+00	4.11E-01	1.27E+00	1.44E-05	2.95E-06	1.75E-04	4.13E-06	1.80E-04	1.91E-04	8.03E-04	7.79E-04	1.76E-04	6.96E-04	2.93E-05	3.27E-05	9.46E-06	2.24E-05
357.8	6368.851	Grid Location	8.58E-01	3.87E-01	5.45E+00	7.56E+00	5.19E-01	7.72E-01	5.04E-04	1.15E-09	2.78E+00	4.59E-01	1.31E+00	1.72E-05	3.54E-06	2.08E-04	4.92E-06	2.15E-04	2.30E-04	9.98E-04	9.33E-04	2.10E-04	8.29E-04	3.57E-05	3.90E-05	1.13E-05	2.67E-05
357.85	6368.851	Grid Location	9.77E-01	4.37E-01	5.78E+00	8.34E+00	5.72E-01	8.36E-01	5.87E-04	1.30E-09	3.08E+00	5.09E-01	1.36E+00	2.02E-05	4.17E-06	2.44E-04	5.77E-06	2.52E-04	2.71E-04	1.20E-03	1.10E-03	2.46E-04	9.72E-04	4.24E-05	4.57E-05	1.32E-05	3.12E-05
357.9	6368.851	Grid Location	1.07E+00	4.75E-01	6.11E+00	9.10E+00	6.19E-01	8.99E-01	6.74E-04	1.45E-09	3.36E+00	5.55E-01	1.43E+00	2.31E-05	4.78E-06	2.78E-04	6.57E-06	2.87E-04	3.11E-04	1.40E-03	1.25E-03	2.80E-04	1.11E-03	4.90E-05	5.20E-05	1.50E-05	3.56E-05
357.95	6368.851	Grid Location	1.15E+00	5.00E-01	6.36E+00	9.67E+00	6.52E-01	9.40E-01	7.56E-04	1.57E-09	3.60E+00	5.89E-01	1.48E+00	2.55E-05	5.30E-06	3.06E-04	7.23E-06	3.17E-04	3.45E-04	1.59E-03	1.38E-03	3.08E-04	1.22E-03	5.48E-05	5.72E-05	1.66E-05	3.91E-05
358	6368.851	Grid Location	1.18E+00	5.08E-01	6.49E+00	1.01E+01	6.75E-01	9.52E-01	8.24E-04	1.66E-09	3.76E+00	6.13E-01	1.51E+00	2.72E-05	5.69E-06	3.26E-04	7.69E-06	3.37E-04	3.71E-04	1.77E-03	1.48E-03	3.28E-04	1.30E-03	5.96E-05	6.08E-05	1.76E-05	4.16E-05
356.5	6368.9	Grid Location	1.51E-01	6.75E-02	2.77E+00	3.96E+00	2.48E-01	4.53E-01	1.58E-04	6.69E-10	1.54E+00	2.47E-01	6.42E-01	2.98E-06	6.37E-07	3.49E-05	8.21E-07	3.64E-05	4.17E-05	2.28E-04	1.63E-04	3.53E-05	1.39E-04	7.08E-06	6.50E-06	1.88E-06	4.45E-06
356.55	6368.9	Grid Location	1.55E-01	6.96E-02	2.86E+00	4.04E+00	2.51E-01	4.75E-01	1.58E-04	6.75E-10	1.56E+00	2.50E-01	6.65E-01	2.99E-06	6.38E-07	3.50E-05	8.23E-07	3.65E-05	4.17E-05	2.27E-04	1.63E-04	3.53E-05	1.39E-04	7.08E-06	6.52E-06	1.89E-06	4.46E-06
356.6	6368.9	Grid Location	1.61E-01	7.27E-02	2.94E+00	4.12E+00	2.52E-01	4.96E-01	1.59E-04	6.83E-10	1.59E+00	2.53E-01	6.87E-01	3.01E-06	6.41E-07	3.53E-05	8.30E-07	3.68E-05	4.19E-05	2.27E-04	1.64E-04	3.56E-05	1.41E-04	7.10E-06	6.57E-06	1.90E-06	4.50E-06
356.65	6368.9	Grid Location	1.68E-01	7.65E-02	3.00E+00	4.18E+00	2.52E-01	5.12E-01	1.60E-04	6.92E-10	1.61E+00	2.55E-01	7.03E-01	3.05E-06	6.49E-07	3.58E-05	8.42E-07	3.73E-05	4.24E-05	2.28E-04	1.66E-04	3.61E-05	1.42E-04	7.16E-06	6.67E-06	1.93E-06	4.56E-06
356.7	6368.9	Grid Location	1.76E-01	8.05E-02	3.02E+00	4.21E+00	2.50E-01	5.18E-01	1.63E-04	7.01E-10	1.63E+00	2.55E-01	7.12E-01	3.11E-06	6.62E-07	3.65E-05	8.59E-07	3.81E-05	4.33E-05	2.32E-04	1.70E-04	3.68E-05	1.45E-04	7.29E-06	6.80E-06	1.97E-06	4.65E-06
356.75	6368.9	Grid Location	1.85E-01	8.50E-02	3.08E+00	4.27E+00	2.50E-01	5.25E-01	1.69E-04	7.11E-10	1.65E+00	2.56E-01	7.33E-01	3.21E-06	6.83E-07	3.77E-05	8.86E-07	3.93E-05	4.47E-05	2.40E-04	1.75E-04	3.80E-05	1.50E-04	7.54E-06	7.02E-06	2.03E-06	4.80E-06
356.8	6368.9	Grid Location	1.93E-01	8.93E-02	3.19E+00	4.36E+00	2.51E-01	5.38E-01	1.77E-04	7.21E-10	1.69E+00	2.57E-01	7.69E-01	3.30E-06	7.06E-07	3.87E-05	9.11E-07	4.04E-05	4.62E-05	2.52E-04	1.80E-04	3.91E-05	1.54E-04	7.84E-06	7.21E-06	2.09E-06	4.94E-06
356.85	6368.9	Grid Location	1.98E-01	9.21E-02	3.31E+00	4.42E+00	2.50E-01	5.50E-01	1.84E-04	7.22E-10	1.72E+00	2.56E-01	8.13E-01	3.29E-06	7.08E-07	3.84E-05	9.02E-07	4.02E-05	4.64E-05	2.61E-04	1.80E-04	3.88E-05	1.53E-04	7.98E-06	7.14E-06	2.07E-06	4.89E-06
356.9	6368.9	Grid Location	1.96E-01	9.26E-02	3.40E+00	4.37E+00	2.42E-01	5.61E-01	1.81E-04	7.00E-10	1.70E+00	2.48E-01	8.53E-01	3.08E-06	6.67E-07	3.56E-05	8.36E-07	3.74E-05	4.38E-05	2.57E-04	1.69E-04	3.60E-05	1.42E-04	7.68E-06	6.62E-06	1.92E-06	4.53E-06
356.95	6368.9	Grid Location	1.90E-01	9.15E-02	3.44E+00	4.20E+00	2.31E-01	5.72E-01	1.66E-04	6.46E-10	1.62E+00	2.32E-01	8.82E-01	2.76E-06	5.99E-07	3.18E-05	7.45E-07	3.34E-05	3.93E-05	2.35E-04	1.51E-04	3.21E-05	1.26E-04	6.94E-06	5.90E-06	1.71E-06	4.04E-06
357	6368.9	Grid Location	1.81E-01	8.80E-02	3.39E+00	3.99E+00	2.25E-01	5.72E-01	1.43E-04	5.78E-10	1.51E+00	2.16E-01	8.77E-01	2.49E-06	5.37E-07	2.89E-05	6.80E-07	3.03E-05	3.52E-05	2.02E-04	1.36E-04	2.92E-05	1.15E-04	6.11E-06	5.38E-06	1.56E-06	3.68E-06
357.05	6368.9	Grid Location	1.69E-01	8.21E-02	3.23E+00	3.80E+00	2.20E-01	5.64E-01	1.24E-04	5.26E-10	1.40E+00	2.04E-01	8.25E-01	2.32E-06	4.95E-07	2.72E-05	6.40E-07	2.84E-05	3.24E-05	1.76E-04	1.27E-04	2.75E-05	1.08E-04	5.48E-06	5.06E-06	1.47E-06	3.47E-06
357.1	6368.9	Grid Location	1.54E-01	7.37E-02	2.97E+00	3.64E+00	2.16E-01	5.51E-01	1.14E-04	5.01E-10	1.31E+00	1.98E-01	7.31E-01	2.21E-06	4.69E-07	2.60E-05	6.13E-07	2.71E-05	3.06E-05	1.61E-04	1.21E-04	2.63E-05	1.04E-04	5.13E-06	4.85E-06	1.41E-06	3.32E-06
357.15	6368.9	Grid Location	1.39E-01	6.49E-02	2.67E+00	3.53E+00	2.13E-01	5.29E-01	1.10E-04	4.95E-10	1.24E+00	1.96E-01	6.19E-01	2.17E-06	4.59E-07	2.56E-05	6.03E-07	2.66E-05	3.00E-05	1.55E-04	1.18E-04	2.58E-05	1.02E-04	4.98E-06	4.77E-06	1.38E-06	3.26E-06
357.2	6368.9	Grid Location	1.28E-01	5.80E-02	2.40E+00	3.46E+00	2.15E-01	5.10E-01	1.10E-04	5.01E-10	1.19E+00	1.99E-01	5.18E-01	2.19E-06	4.62E-07	2.59E-05	6.10E-07	2.69E-05	3.02E-05	1.55E-04	1.19E-04	2.61E-05	1.03E-04	4.99E-06	4.83E-06	1.40E-06	3.30E-06
357.25	6368.9	Grid Location	1.26E-01	5.61E-02	2.32E+00	3.48E+00	2.18E-01	5.08E-01	1.12E-04	5.13E-10	1.19E+00	2.03E-01	4.84E-01	2.24E-06	4.73E-07	2.65E-05	6.25E-07	2.76E-05	3.08E-05	1.57E-04	1.22E-04	2.67E-05	1.06E-04	5.09E-06	4.94E-06	1.43E-06	3.38E-06
357.3	6368.9	Grid Location	1.30E-01	5.83E-02	2.41E+00	3.57E+00	2.21E-01	5.22E-01	1.15E-04	5.26E-10	1.23E+00	2.07E-01	5.09E-01	2.31E-06	4.87E-07	2.73E-05	6.45E-07	2.84E-05	3.18E-05	1.61E-04	1.26E-04	2.76E-05	1.09E-04	5.24E-06	5.10E-06	1.48E-06	3.49E-06
357.35	6368.9	Grid Location	1.35E-01	6.01E-02	2.46E+00	3.65E+00	2.30E-01	5.35E-01	1.18E-04	5.33E-10	1.25E+00	2.13E-01	5.14E-01	2.44E-06	5.13E-07	2.91E-05	6.85E-07	3.02E-05	3.35E-05	1.65E-04	1.33E-04	2.93E-05	1.16E-04	5.45E-06	5.43E-06	1.57E-06	3.71E-06
357.4	6368.9	Grid Location	1.45E-01	6.47E-02	2.56E+00	3.77E+00	2.44E-01	5.55E-01	1.21E-04	5.39E-10	1.28E+00	2.21E-01	5.34E-01	2.67E-06	5.56E-07	3.20E-05	7.55E-07	3.31E-05	3.62E-05	1.70E-04	1.45E-04	3.22E-05	1.27E-04	5.79E-06	5.98E-06	1.73E-06	4.09E-06
357.45	6368.9	Grid Location	1.70E-01	7.74E-02	2.92E+00	3.98E+00	2.58E-01	5.94E-01	1.27E-04	5.48E-10	1.36E+00	2.30E-01	6.49E-01	2.97E-06	6.16E-07	3.59E-05	8.47E-07	3.71E-05	4.01E-05	1.80E-04	1.62E-04	3.61E-05	1.43E-04	6.30E-06	6.71E-06	1.94E-06	4.59E-06
357.5	6368.9	Grid Location	2.10E-01	9.77E-02	3.48E+00	4.28E+00	2.76E-01	6.47E-01	1.38E-04	5.63E-10	1.50E+00	2.41E-01	8.37E-01	3.45E-06	7.12E-07	4.18E-05	9.89E-07	4.32E-05	4.63E-05	2.01E-04	1.88E-04	4.21E-05	1.67E-04	7.18E-06	7.83E-06	2.27E-06	5.36E-06
357.55	6368.9	Grid Location	2.71E-01	1.27E-01	4.18E+00	4.75E+00	3.08E-01	7.03E-01	1.59E-04	5.95E-10	1.68E+00	2.63E-01	1.06E+00	4.51E-06	9.21E-07	5.50E-05	1.30E-06	5.66E-05	5.98E-05	2.42E-04	2.44E-04	5.53E-05	2.19E-04	9.03E-06	1.03E-05	2.98E-06	7.05E-06
357.6	6368.9	Grid Location	3.70E-01	1.70E-01	4.91E+00	5.41E+00	3.61E-01	7.56E-01	1.98E-04	6.55E-10	1.92E+00	2.99E-01	1.27E+00	6.66E-06	1.35E-06	8.21E-05	1.95E-06	8.42E-05	8.71E-05	3.20E-04	3.60E-04	8.25E-05	3.27E-04	1.27E-05	1.54E-05	4.46E-06	1.05E-05
357.65	6368.9	Grid Location	5.10E-01	2.29E-01	5.50E+00	6.21E+00	4.23E-01	8.07E-01	2.65E-04	7.58E-10	2.18E+00	3.47E-01	1.41E+00	9.76E-06	1.97E-06	1.21E-04	2.86E-06	1.24E-04	1.27E-04	4.54E-04	5.28E-04	1.21E-04	4.81E-04	1.84E-05	2.27E-05	6.56E-06	1.55E-05
357.7	6368.9	Grid Location	6.90E-01	3.12E-01	5.93E+00	7.06E+00	4.83E-01	8.64E-01	3.55E-04	9.07E-10	2.49E+00	4.02E-01	1.49E+00	1.30E-05	2.64E-06	1.60E-04	3.79E-06	1.64E-04	1.71E-04	6.43E-04	7.04E-04	1.61E-04	6.38E-04	2.52E-05	3.00E-05	8.69E-06	2.05E-05
357.75	6368.9	Grid Location	8.66E-01	3.96E-01	6.15E+00	7.82E+00	5.31E-01	9.16E-01	4.47E-04	1.08E-09	2.79E+00	4.55E-01	1.51E+00	1.56E-05	3.20E-06	1.91E-04	4.52E-06	1.96E-04	2.08E-04	8.45E-04	8.48E-04	1.92E-04	7.61E-04	3.14E-05	3.58E-05	1.04E-05	2.45E-05
357.8	6368.9	Grid Location	1.02E+00	4.65E-01	6.35E+00	8.62E+00	5.86E-01	9.73E-01	5.34E-04	1.26E-09	3.11E+00	5.11E-01	1.52E+00	1.85E-05	3.80E-06	2.25E-04	5.32E-06	2.32E-04	2.47E-04	1.04E-03	1.00E-03	2.26E-04	8.96E-04	3.79E-05	4.21E-05	1.22E-05	2.88E-05
357.85	6368.9	Grid Location	1.15E+00	5.17E-01	6.71E+00	9.57E+00	6.53E-01	1.04E+00	6.23E-04	1.46E-09	3.47E+00	5.74E-01	1.58E+00	2.23E-05	4.57E-06	2.71E-04	6.40E-06	2.79E-04	2.97E-04	1.25E-03	1.21E-03	2.73E-04	1.08E-03	4.55E-05	5.07E-05	1.47E-05	3.47E-05
357.9	6368.9	Grid Location	1.24E+00	5.46E-01	7.05E+00	1.04E+01	7.08E-01	1.09E+00	7.21E-04	1.63E-09	3.81E+00	6.28E-01	1.64E+00	2.61E-05	5.37E-06	3.18E-04	7.51E-06	3.27E-04	3.49E-04	1.47E-03	1.42E-03	3.20E-04	1.27E-03	5.35E-05	5.95E-05	1.72E-05	4.07E-05
357.95	6368.9	Grid Location	1.30E+00	5.57E-01	7.16E+00	1.10E+01	7.39E-01	1.11E+00	8.21E-04	1.78E-09	4.05E+00	6.66E-01	1.64E+00	2.93E-05	6.05E-06	3.55E-04	8.40E-06	3.67E-04	3.93E-04	1.71E-03	1.59E-03	3.58E-04	1.42E-03	6.10E-05	6.65E-05	1.93E-05	4.55E-05
358	6368.9	Grid Location	1.28E+00	5.39E-01	6.91E+00	1.11E+01	7.35E-01	1.07E+00	8.84E-04	1.84E-09	4.10E+00	6.73E-01	1.56E+00	3.05E-05	6.33E-06	3.66E-04	8.65E-06	3.79E-04	4.12E-04	1.89E-03	1.66E-03	3.69E-04	1.46E-03	6.53E-05	6.85E-05	1.98E-05	4.68E-05
356.5	6368.951	Grid Location	1.54E-01	6.90E-02	2.94E+00	4.15E+00	2.59E-01	4.86E-01	1.54E-04	6.87E-10	1.59E+00	2.56E-01	6.80E-01	2.95E-06	6.28E-07	3.47E-05	8.17E-07	3.62E-05	4.11E-05	2.19E-04	1.61E-04	3.51E-05	1.38E-04	6.91E-06	6.47E-06	1.87E-06	4.43E-06
356.55	6368.951	Grid Location	1.59E-01	7.15E-02	3.02E+00	4.22E+00	2.60E-01	5.11E-01	1.54E-04	6.91E-10	1.61E+00	2.58E-01	7.03E-01	2.95E-06	6.27E-07	3.47E-05	8.17E-07	3.62E-05	4.10E-05	2.19E-04	1.61E-04	3.50E-05	1.38E-04	6.90E-06	6.46E-06	1.87E-06	4.42E-06
356.6	6368.951	Grid Location	1.65E-01	7.50E-02	3.11E+00	4.29E+00	2.60E-01	5.36E-01	1.55E-04	6.97E-10	1.64E+00	2.60E-01	7.27E-01	2.96E-06	6.30E-07	3.49E-05	8.21E-07	3.63E-05	4.12E-05	2.19E-04	1.62E-04	3.52E-05	1.39E-04	6.91E-06	6.50E-06	1.88E-06	4.44E-06
356.65	6368.951	Grid Location	1.72E-01	7.88E-02	3.16E+00	4.34E+00	2.59E-01	5.54E-01	1.56E-04	7.04E-10	1.66E+00	2.61E-01	7.41E-01	3.00E-06	6.36E-07	3.53E-05	8.31E-07	3.68E-05	4.16E-05	2.20E-04	1.63E-04	3.56E-05	1.41E-04	6.97E-06	6.58E-06	1.90E-06	4.50E-06
356.7	6368.951	Grid Location	1.81E-01	8.31E-02	3.19E+00	4.37E+00	2.57E-01	5.67E-01	1.59E-04	7.10E-10	1.67E+00	2.61E-01	7.51E-01	3.06E-06	6.49E-07	3.60E-05	8.48E-07	3.75E-05	4.24E-05	2.23E-04	1.67E-04	3.64E-05	1.43E-04	7.09E-06	6.72E-06	1.94E-06	4.60E-06
356.75	6368.951	Grid Location	1.89E-01	8.76E-02	3.23E+00	4.40E+00	2.54E-01	5.81E-01	1.62E-04	7.13E-10	1.68E+00	2.60E-01	7.65E-01	3.13E-06	6.64E-07	3.68E-05	8.68E-07	3.84E-05	4.34E-05	2.28E-04	1.71E-04	3.72E-05	1.47E-04	7.25E-06	6.87E-06	1.99E-06	4.70E-06
356.8	6368.951	Grid Location	1.97E-01	9.14E-02	3.29E+00	4.43E+00	2.51E-01	5.96E-01	1.66E-04	7.12E-10	1.69E+00	2.58E-01	7.86E-01	3.17E-06	6.74E-07	3.73E-05	8.78E-07	3.89E-05	4.41E-05	2.34E-04	1.73E-04	3.76E-05	1.48E-04	7.40E-06	6.95E-06	2.01E-06	4.76E-06
356.85	6368.951	Grid Location	2.02E-01	9.42E-02	3.39E+00	4.46E+00	2.47E-01	6.15E-01	1.70E-04	7.04E-10	1.70E+00	2.54E-01	8.23E-01	3.15E-06	6.73E-07	3.69E-05	8.69E-07	3.85E-05	4.40E-05	2.39E-04	1.72E-04	3.73E-05	1.47E-04	7.46E-06	6.88E-06	1.99E-06	4.70E-06
356.9	6368.951	Grid Location	2.01E-01	9.48E-02	3.51E+00	4.43E+00	2.40E-01	6.32E-01	1.66E-04	6.74E-10	1.67E+00	2.44E-01	8.68E-01	2.98E-06	6.39E-07	3.48E-05	8.17E-07	3.63E-05	4.18E-05	2.34E-04	1.63E-04	3.51E-05	1.38E-04	7.18E-06	6.47E-06	1.87E-06	4.42E-06
356.95	6368.951	Grid Location	1.94E-01	9.30E-02	3.57E+00	4.27E+00	2.29E-01	6.40E-01	1.50E-04	6.15E-10	1.59E+00	2.27E-01	9.05E-01	2.64E-06	5.69E-07	3.07E-05	7.22E-07	3.22E-05	3.73E-05	2.12E-04	1.44E-04	3.11E-05	1.22E-04	6.44E-06	5.72E-06	1.66E-06	3.91E-06
357	6368.951	Grid Location	1.85E-01	9.06E-02	3.56E+00	4.00E+00	2.19E-01	6.39E-01	1.26E-04	5.39E-10	1.48E+00	2.07E-01	9.24E-01	2.33E-06	4.97E-07	2.73E-05	6.41E-07	2.84E-05	3.25E-05	1.78E-04	1.27E-04	2.75E-05	1.08E-04	5.53E-06	5.07E-06	1.47E-06	3.47E-06
357.05	6368.951	Grid Location	1.74E-01	8.59E-02	3.39E+00	3.76E+00	2.12E-01	6.30E-01	1.07E-04	4.81E-10	1.36E+00	1.92E-01	8.78E-01	2.13E-06	4.50E-07	2.52E-05	5.94E-07	2.62E-05	2.94E-05	1.51E-04	1.16E-04	2.54E-05	1.00E-04	4.87E-06	4.70E-06	1.36E-06	3.22E-06
357.1	6368.951	Grid Location	1.53E-01	7.38E-02	2.95E+00	3.52E+00	2.02E-01	5.99E-01	9.78E-05	4.54E-10	1.23E+00	1.83E-01	7.24E-01	1.99E-06	4.19E-07	2.36E-05	5.57E-07	2.45E-05	2.74E-05	1.38E-04	1.08E-04	2.38E-05	9.41E-05	4.49E-06	4.41E-06	1.28E-06	3.02E-06
357.15	6368.951	Grid Location	1.28E-01	5.95E-02	2.45E+00	3.33E+00	1.95E-01	5.55E-01	9.43E-05	4.45E-10	1.11E+00	1.79E-01	5.43E-01	1.91E-06	4.03E-07	2.27E-05	5.35E-07	2.36E-05	2.63E-05	1.33E-04	1.04E-04	2.29E-05	9.04E-05	4.32E-06	4.24E-06	1.23E-06	2.90E-06
357.2	6368.951	Grid Location	1.11E-01	4.87E-02	2.07E+00	3.21E+00	1.96E-01	5.11E-01	9.35E-05	4.46E-10	1.04E+00	1.80E-01	4.03E-01	1.93E-06	4.06E-07	2.30E-05	5.41E-07	2.38E-05	2.65E-05	1.31E-04	1.05E-04	2.32E-05	9.15E-05	4.33E-06	4.29E-06	1.24E-06	2.93E-06

357.25	6368.951	Grid Location	1.04E-01	4.38E-02	1.90E+00	3.19E+00	2.00E-01	4.93E-01	9.55E-05	4.59E-10	1.02E+00	1.85E-01	3.37E-01	1.99E-06	4.18E-07	2.37E-05	5.60E-07	2.46E-05	2.73E-05	1.34E-04	1.08E-04	2.39E-05	9.45E-05	4.44E-06	4.43E-06	1.28E-06	3.03E-06
357.3	6368.951	Grid Location	1.08E-01	4.55E-02	1.99E+00	3.29E+00	2.06E-01	5.06E-01	9.93E-05	4.76E-10	1.07E+00	1.91E-01	3.61E-01	2.08E-06	4.36E-07	2.48E-05	5.84E-07	2.57E-05	2.84E-05	1.39E-04	1.13E-04	2.50E-05	9.87E-05	4.62E-06	4.63E-06	1.34E-06	3.16E-06
357.35	6368.951	Grid Location	1.13E-01	4.73E-02	2.05E+00	3.43E+00	2.20E-01	5.26E-01	1.03E-04	4.87E-10	1.09E+00	2.01E-01	3.63E-01	2.27E-06	4.72E-07	2.72E-05	6.42E-07	2.81E-05	3.08E-05	1.44E-04	1.23E-04	2.74E-05	1.08E-04	4.91E-06	5.08E-06	1.47E-06	3.48E-06
357.4	6368.951	Grid Location	1.29E-01	5.40E-02	2.24E+00	3.64E+00	2.44E-01	5.70E-01	1.06E-04	4.96E-10	1.14E+00	2.14E-01	4.00E-01	2.58E-06	5.32E-07	3.13E-05	7.39E-07	3.23E-05	3.46E-05	1.50E-04	1.40E-04	3.15E-05	1.25E-04	5.36E-06	5.85E-06	1.69E-06	4.01E-06
357.45	6368.951	Grid Location	1.64E-01	7.26E-02	2.77E+00	3.98E+00	2.66E-01	6.54E-01	1.13E-04	5.12E-10	1.27E+00	2.29E-01	5.67E-01	2.96E-06	6.06E-07	3.61E-05	8.54E-07	3.72E-05	3.93E-05	1.61E-04	1.61E-04	3.63E-05	1.44E-04	5.97E-06	6.76E-06	1.96E-06	4.63E-06
357.5	6368.951	Grid Location	2.21E-01	1.02E-01	3.64E+00	4.45E+00	2.91E-01	7.64E-01	1.25E-04	5.35E-10	1.47E+00	2.45E-01	8.55E-01	3.52E-06	7.17E-07	4.32E-05	1.02E-06	4.44E-05	4.65E-05	1.81E-04	1.91E-04	4.35E-05	1.72E-04	6.94E-06	8.10E-06	2.34E-06	5.54E-06
357.55	6368.951	Grid Location	3.04E-01	1.44E-01	4.79E+00	5.12E+00	3.31E-01	8.70E-01	1.45E-04	5.69E-10	1.75E+00	2.71E-01	1.23E+00	4.67E-06	9.41E-07	5.77E-05	1.37E-06	5.91E-05	6.09E-05	2.18E-04	2.53E-04	5.80E-05	2.30E-04	8.83E-06	1.08E-05	3.14E-06	7.41E-06
357.6	6368.951	Grid Location	4.20E-01	1.95E-01	5.92E+00	6.00E+00	3.91E-01	9.57E-01	1.80E-04	6.32E-10	2.06E+00	3.12E-01	1.57E+00	6.97E-06	1.39E-06	8.70E-05	2.07E-06	8.89E-05	8.97E-05	2.85E-04	3.77E-04	8.74E-05	3.47E-04	1.25E-05	1.64E-05	4.74E-06	1.12E-05
357.65	6368.951	Grid Location	5.79E-01	2.65E-01	6.64E+00	6.94E+00	4.60E-01	1.03E+00	2.41E-04	7.41E-10	2.36E+00	3.64E-01	1.73E+00	1.01E-05	2.01E-06	1.26E-04	3.00E-06	1.29E-04	1.30E-04	4.04E-04	5.46E-04	1.27E-04	5.04E-04	1.80E-05	2.38E-05	6.88E-06	1.63E-05
357.7	6368.951	Grid Location	7.87E-01	3.62E-01	6.96E+00	7.88E+00	5.28E-01	1.12E+00	3.36E-04	9.10E-10	2.68E+00	4.26E-01	1.76E+00	1.30E-05	2.62E-06	1.61E-04	3.82E-06	1.65E-04	1.69E-04	5.93E-04	7.04E-04	1.62E-04	6.42E-04	2.44E-05	3.03E-05	8.76E-06	2.07E-05
357.75	6368.951	Grid Location	9.63E-01	4.49E-01	7.01E+00	8.69E+00	5.83E-01	1.17E+00	4.31E-04	1.11E-09	2.99E+00	4.86E-01	1.71E+00	1.51E-05	3.07E-06	1.84E-04	4.37E-06	1.90E-04	1.99E-04	7.88E-04	8.17E-04	1.86E-04	7.35E-04	2.99E-05	3.46E-05	1.00E-05	2.37E-05
357.8	6368.951	Grid Location	1.09E+00	5.06E-01	7.10E+00	9.56E+00	6.46E-01	1.20E+00	5.18E-04	1.33E-09	3.34E+00	5.52E-01	1.68E+00	1.78E-05	3.64E-06	2.17E-04	5.13E-06	2.23E-04	2.36E-04	9.68E-04	9.65E-04	2.18E-04	8.65E-04	3.59E-05	4.06E-05	1.18E-05	2.78E-05
357.85	6368.951	Grid Location	1.20E+00	5.43E-01	7.34E+00	1.05E+01	7.17E-01	1.23E+00	6.07E-04	1.56E-09	3.74E+00	6.22E-01	1.69E+00	2.19E-05	4.47E-06	2.68E-04	6.35E-06	2.76E-04	2.90E-04	1.15E-03	1.19E-03	2.70E-04	1.07E-03	4.36E-05	5.03E-05	1.46E-05	3.44E-05
357.9	6368.951	Grid Location	1.26E+00	5.49E-01	7.45E+00	1.13E+01	7.63E-01	1.23E+00	7.05E-04	1.76E-09	4.06E+00	6.77E-01	1.69E+00	2.64E-05	5.38E-06	3.24E-04	7.67E-06	3.33E-04	3.49E-04	1.36E-03	1.43E-03	3.26E-04	1.29E-03	5.21E-05	6.07E-05	1.76E-05	4.15E-05
357.95	6368.951	Grid Location	1.28E+00	5.36E-01	7.29E+00	1.16E+01	7.75E-01	1.20E+00	8.02E-04	1.89E-09	4.23E+00	7.05E-01	1.61E+00	2.99E-05	6.10E-06	3.64E-04	8.63E-06	3.75E-04	3.96E-04	1.60E-03	1.62E-03	3.67E-04	1.45E-03	5.98E-05	6.83E-05	1.98E-05	4.67E-05
358	6368.951	Grid Location	1.22E+00	5.02E-01	6.80E+00	1.14E+01	7.42E-01	1.11E+00	8.58E-04	1.92E-09	4.19E+00	6.93E-01	1.47E+00	3.00E-05	6.20E-06	3.62E-04	8.56E-06	3.74E-04	4.04E-04	1.79E-03	1.63E-03	3.65E-04	1.44E-03	6.31E-05	6.78E-05	1.96E-05	4.64E-05
356.5	6369	Grid Location	1.59E-01	7.10E-02	3.07E+00	4.32E+00	2.71E-01	5.19E-01	1.53E-04	7.02E-10	1.64E+00	2.66E-01	7.08E-01	3.02E-06	6.39E-07	3.57E-05	8.40E-07	3.71E-05	4.17E-05	2.15E-04	1.65E-04	3.60E-05	1.42E-04	6.92E-06	6.65E-06	1.93E-06	4.55E-06
356.55	6369	Grid Location	1.64E-01	7.38E-02	3.17E+00	4.39E+00	2.71E-01	5.46E-01	1.53E-04	7.04E-10	1.66E+00	2.66E-01	7.35E-01	3.01E-06	6.36E-07	3.55E-05	8.37E-07	3.70E-05	4.15E-05	2.14E-04	1.64E-04	3.59E-05	1.42E-04	6.89E-06	6.63E-06	1.92E-06	4.54E-06
356.6	6369	Grid Location	1.70E-01	7.73E-02	3.27E+00	4.46E+00	2.70E-01	5.73E-01	1.53E-04	7.07E-10	1.68E+00	2.67E-01	7.61E-01	3.00E-06	6.34E-07	3.54E-05	8.35E-07	3.69E-05	4.14E-05	2.14E-04	1.63E-04	3.58E-05	1.41E-04	6.88E-06	6.61E-06	1.91E-06	4.52E-06
356.65	6369	Grid Location	1.77E-01	8.08E-02	3.32E+00	4.49E+00	2.67E-01	5.93E-01	1.53E-04	7.10E-10	1.69E+00	2.66E-01	7.77E-01	2.99E-06	6.33E-07	3.53E-05	8.33E-07	3.68E-05	4.14E-05	2.14E-04	1.63E-04	3.57E-05	1.41E-04	6.88E-06	6.59E-06	1.91E-06	4.51E-06
356.7	6369	Grid Location	1.83E-01	8.45E-02	3.36E+00	4.51E+00	2.63E-01	6.13E-01	1.54E-04	7.10E-10	1.70E+00	2.64E-01	7.90E-01	2.99E-06	6.34E-07	3.54E-05	8.33E-07	3.68E-05	4.14E-05	2.15E-04	1.63E-04	3.57E-05	1.41E-04	6.89E-06	6.59E-06	1.91E-06	4.51E-06
356.75	6369	Grid Location	1.90E-01	8.83E-02	3.39E+00	4.51E+00	2.57E-01	6.34E-01	1.54E-04	7.04E-10	1.69E+00	2.61E-01	8.02E-01	3.00E-06	6.35E-07	3.54E-05	8.34E-07	3.68E-05	4.15E-05	2.16E-04	1.63E-04	3.57E-05	1.41E-04	6.90E-06	6.60E-06	1.91E-06	4.52E-06
356.8	6369	Grid Location	1.97E-01	9.20E-02	3.43E+00	4.50E+00	2.50E-01	6.57E-01	1.55E-04	6.94E-10	1.68E+00	2.55E-01	8.19E-01	2.99E-06	6.34E-07	3.52E-05	8.30E-07	3.67E-05	4.14E-05	2.17E-04	1.63E-04	3.56E-05	1.40E-04	6.91E-06	6.57E-06	1.90E-06	4.50E-06
356.85	6369	Grid Location	2.01E-01	9.45E-02	3.49E+00	4.46E+00	2.42E-01	6.82E-01	1.52E-04	6.70E-10	1.66E+00	2.47E-01	8.44E-01	2.91E-06	6.18E-07	3.43E-05	8.07E-07	3.57E-05	4.04E-05	2.13E-04	1.59E-04	3.46E-05	1.37E-04	6.77E-06	6.39E-06	1.85E-06	4.37E-06
356.9	6369	Grid Location	2.00E-01	9.46E-02	3.57E+00	4.38E+00	2.33E-01	7.05E-01	1.44E-04	6.25E-10	1.60E+00	2.33E-01	8.77E-01	2.73E-06	5.81E-07	3.22E-05	7.57E-07	3.35E-05	3.80E-05	2.01E-04	1.49E-04	3.25E-05	1.28E-04	6.37E-06	5.99E-06	1.73E-06	4.10E-06
356.95	6369	Grid Location	1.93E-01	9.23E-02	3.62E+00	4.19E+00	2.20E-01	7.13E-01	1.26E-04	5.55E-10	1.50E+00	2.13E-01	9.10E-01	2.44E-06	5.17E-07	2.88E-05	6.77E-07	2.99E-05	3.38E-05	1.77E-04	1.33E-04	2.90E-05	1.14E-04	5.64E-06	5.36E-06	1.55E-06	3.67E-06
357	6369	Grid Location	1.85E-01	9.04E-02	3.61E+00	3.94E+00	2.07E-01	7.16E-01	1.05E-04	4.83E-10	1.39E+00	1.92E-01	9.28E-01	2.14E-06	4.51E-07	2.54E-05	5.99E-07	2.64E-05	2.94E-05	1.48E-04	1.17E-04	2.56E-05	1.01E-04	4.83E-06	4.74E-06	1.37E-06	3.24E-06
357.05	6369	Grid Location	1.73E-01	8.54E-02	3.39E+00	3.65E+00	1.94E-01	7.01E-01	9.19E-05	4.36E-10	1.28E+00	1.76E-01	8.73E-01	1.91E-06	4.01E-07	2.27E-05	5.36E-07	2.36E-05	2.62E-05	1.29E-04	1.04E-04	2.29E-05	9.06E-05	4.27E-06	4.24E-06	1.23E-06	2.90E-06
357.1	6369	Grid Location	1.46E-01	7.10E-02	2.82E+00	3.31E+00	1.80E-01	6.37E-01	8.22E-05	3.99E-10	1.11E+00	1.62E-01	6.88E-01	1.73E-06	3.63E-07	2.07E-05	4.87E-07	2.14E-05	2.37E-05	1.16E-04	9.43E-05	2.08E-05	8.23E-05	3.84E-06	3.86E-06	1.12E-06	2.64E-06
357.15	6369	Grid Location	1.09E-01	4.96E-02	2.07E+00	2.96E+00	1.69E-01	5.39E-01	7.80E-05	3.84E-10	9.41E-01	1.54E-01	4.30E-01	1.61E-06	3.39E-07	1.92E-05	4.52E-07	1.99E-05	2.21E-05	1.10E-04	8.77E-05	1.93E-05	7.63E-05	3.61E-06	3.58E-06	1.04E-06	2.45E-06
357.2	6369	Grid Location	8.47E-02	3.52E-02	1.62E+00	2.76E+00	1.67E-01	4.54E-01	7.76E-05	3.85E-10	8.56E-01	1.55E-01	2.72E-01	1.61E-06	3.38E-07	1.91E-05	4.51E-07	1.98E-05	2.20E-05	1.09E-04	8.74E-05	1.93E-05	7.61E-05	3.59E-06	3.57E-06	1.03E-06	2.44E-06
357.25	6369	Grid Location	7.75E-02	3.05E-02	1.48E+00	2.72E+00	1.72E-01	4.20E-01	7.87E-05	3.93E-10	8.42E-01	1.59E-01	2.22E-01	1.68E-06	3.51E-07	2.00E-05	4.72E-07	2.08E-05	2.29E-05	1.11E-04	9.12E-05	2.02E-05	7.97E-05	3.70E-06	3.74E-06	1.08E-06	2.56E-06
357.3	6369	Grid Location	8.18E-02	3.24E-02	1.57E+00	2.82E+00	1.79E-01	4.34E-01	8.21E-05	4.08E-10	8.83E-01	1.66E-01	2.45E-01	1.77E-06	3.71E-07	2.12E-05	5.01E-07	2.20E-05	2.42E-05	1.15E-04	9.65E-05	2.14E-05	8.45E-05	3.88E-06	3.96E-06	1.15E-06	2.71E-06
357.35	6369	Grid Location	8.87E-02	3.46E-02	1.67E+00	3.01E+00	1.99E-01	4.62E-01	8.56E-05	4.21E-10	9.18E-01	1.79E-01	2.52E-01	2.01E-06	4.15E-07	2.42E-05	5.73E-07	2.50E-05	2.70E-05	1.20E-04	1.09E-04	2.44E-05	9.66E-05	4.23E-06	4.54E-06	1.31E-06	3.10E-06
357.4	6369	Grid Location	1.06E-01	4.12E-02	1.90E+00	3.34E+00	2.32E-01	5.32E-01	9.04E-05	4.38E-10	9.81E-01	1.99E-01	2.86E-01	2.42E-06	4.93E-07	2.96E-05	7.01E-07	3.04E-05	3.20E-05	1.27E-04	1.31E-04	2.98E-05	1.18E-04	4.81E-06	5.55E-06	1.61E-06	3.80E-06
357.45	6369	Grid Location	1.45E-01	5.98E-02	2.42E+00	3.81E+00	2.65E-01	6.78E-01	9.95E-05	4.66E-10	1.12E+00	2.21E-01	4.24E-01	2.90E-06	5.87E-07	3.57E-05	8.47E-07	3.67E-05	3.80E-05	1.41E-04	1.57E-04	3.59E-05	1.42E-04	5.58E-06	6.71E-06	1.94E-06	4.59E-06
357.5	6369	Grid Location	2.20E-01	9.91E-02	3.54E+00	4.51E+00	3.03E-01	8.81E-01	1.12E-04	4.98E-10	1.38E+00	2.46E-01	7.77E-01	3.60E-06	7.22E-07	4.46E-05	1.06E-06	4.57E-05	4.67E-05	1.61E-04	1.95E-04	4.48E-05	1.78E-04	6.69E-06	8.38E-06	2.43E-06	5.74E-06
357.55	6369	Grid Location	3.30E-01	1.56E-01	5.23E+00	5.47E+00	3.56E-01	1.08E+00	1.29E-04	5.30E-10	1.76E+00	2.78E-01	1.32E+00	4.82E-06	9.57E-07	6.03E-05	1.43E-06	6.16E-05	6.18E-05	1.90E-04	2.60E-04	6.06E-05	2.41E-04	8.54E-06	1.13E-05	3.29E-06	7.77E-06
357.6	6369	Grid Location	4.58E-01	2.19E-01	6.72E+00	6.51E+00	4.06E-01	1.23E+00	1.59E-04	5.95E-10	2.14E+00	3.14E-01	1.78E+00	6.53E-06	1.29E-06	8.20E-05	1.95E-06	8.36E-05	8.32E-05	2.44E-04	3.52E-04	8.23E-05	3.27E-04	1.13E-05	1.54E-05	4.47E-06	1.06E-05
357.65	6369	Grid Location	6.40E-01	3.09E-01	7.44E+00	7.43E+00	4.63E-01	1.35E+00	2.08E-04	7.03E-10	2.44E+00	3.59E-01	1.96E+00	8.75E-06	1.73E-06	1.10E-04	2.61E-06	1.12E-04	1.12E-04	3.32E-04	4.72E-04	1.10E-04	4.38E-04	1.53E-05	2.07E-05	5.98E-06	1.41E-05
357.7	6369	Grid Location	7.96E-01	3.79E-01	7.60E+00	8.31E+00	5.36E-01	1.43E+00	2.79E-04	8.52E-10	2.69E+00	4.19E-01	1.92E+00	1.08E-05	2.15E-06	1.34E-04	3.18E-06	1.37E-04	1.39E-04	4.63E-04	5.82E-04	1.35E-04	5.35E-04	1.97E-05	2.52E-05	7.29E-06	1.72E-05
357.75	6369	Grid Location	9.08E-01	4.26E-01	7.44E+00	9.16E+00	6.09E-01	1.43E+00	3.68E-04	1.07E-09	2.98E+00	4.90E-01	1.78E+00	1.26E-05	2.55E-06	1.54E-04	3.65E-06	1.58E-04	1.65E-04	6.33E-04	6.80E-04	1.55E-04	6.15E-04	2.45E-05	2.89E-05	8.37E-06	1.98E-05
357.8	6369	Grid Location	9.81E-01	4.53E-01	7.35E+00	1.00E+01	6.73E-01	1.37E+00	4.51E-04	1.32E-09	3.34E+00	5.62E-01	1.68E+00	1.49E-05	3.04E-06	1.82E-04	4.31E-06	1.87E-04	1.97E-04	7.82E-04	8.07E-04	1.83E-04	7.26E-04	2.96E-05	3.42E-05	9.89E-06	2.34E-05
357.85	6369	Grid Location	1.02E+00	4.60E-01	7.30E+00	1.07E+01	7.25E-01	1.32E+00	5.32E-04	1.56E-09	3.71E+00	6.28E-01	1.61E+00	1.80E-05	3.67E-06	2.21E-04	5.24E-06	2.27E-04	2.38E-04	9.28E-04	9.78E-04	2.23E-04	8.82E-04	3.55E-05	4.15E-05	1.20E-05	2.84E-05
357.9	6369	Grid Location	1.03E+00	4.43E-01	7.07E+00	1.11E+01	7.32E-01	1.24E+00	6.09E-04	1.74E-09	3.94E+00	6.62E-01	1.53E+00	2.14E-05	4.34E-06	2.63E-04	6.22E-06	2.70E-04	2.82E-04	1.08E-03	1.16E-03	2.64E-04	1.05E-03	4.18E-05	4.93E-05	1.43E-05	3.37E-05
357.95	6369	Grid Location	1.02E+00	4.24E-01	6.71E+00	1.10E+01	7.12E-01	1.14E+00	6.79E-04	1.83E-09	4.02E+00	6.69E-01	1.43E+00	2.39E-05	4.87E-06	2.92E-04	6.93E-06	3.01E-04	3.16E-04	1.25E-03	1.30E-03	2.94E-04	1.17E-03	4.74E-05	5.48E-05	1.59E-05	3.75E-05
358	6369	Grid Location	9.80E-01	4.01E-01	6.22E+00	1.06E+01	6.69E-01	1.04E+00	7.19E-04	1.82E-09	3.92E+00	6.46E-01	1.31E+00	2.37E-05	4.90E-06	2.87E-04	6.78E-06	2.96E-04	3.18E-04	1.40E-03	1.29E-03	2.89E-04	1.14E-03	4.96E-05	5.36E-05	1.55E-05	3.67E-05
356.5	6369.05	Grid Location	1.64E-01	7.31E-02	3.20E+00	4.48E+00	2.82E-01	5.50E-01	1.54E-04	7.18E-10	1.68E+00	2.74E-01	7.33E-01	3.11E-06	6.55E-07	3.69E-05	8.69E-07	3.83E-05	4.27E-05	2.15E-04	1.69E-04	3.72E-05	1.47E-04	7.02E-06	6.88E-06	1.99E-06	4.71E-06
356.55	6369.05	Grid Location	1.70E-01	7.62E-02	3.31E+00	4.55E+00	2.82E-01	5.81E-01	1.52E-04	7.15E-10	1.70E+00	2.74E-01	7.63E-01	3.10E-06	6.53E-07	3.69E-05	8.69E-07	3.83E-05	4.26E-05	2.13E-04	1.69E-04	3.72E-05	1.47E-04	6.98E-06	6.88E-06	1.99E-06	4.71E-06
356.6	6369.05	Grid Location	1.76E-01	7.94E-02	3.40E+00	4.60E+00	2.80E-01	6.09E-01	1.51E-04	7.13E-10	1.71E+00	2.73E-01	7.89E-01	3.08E-06	6.49E-07	3.66E-05	8.63E-07	3.80E-05	4.23E-05	2.12E-04	1.68E-04	3.69E-05	1.46E-04	6.93E-06	6.83E-06	1.98E-06	4.67E-06
356.65	6369.05	Grid Location	1.80E-01	8.21E-02	3.44E+00	4.61E+00	2.75E-01	6.30E-01	1.50E-04	7.09E-10	1.71E+00	2.70E-01	8.04E-01	3.02E-06	6.38E-07	3.59E-05	8.46E-07	3.73E-05	4.16E-05	2.10E-04	1.65E-04	3.62E-05	1.43E-04	6.84E-06	6.70E-06	1.94E-06	4.58E-06
356.7	6369.05	Grid Location	1.85E-01	8.50E-02	3.49E+00	4.61E+00	2.67E-01	6.56E-01	1.49E-04	7.02E-10	1.70E+00	2.65E-01	8.20E-01	2.96E-06	6.24E-07	3.50E-05	8.26E-07	3.64E-05	4.08E-05	2.08E-04	1.61E-04	3.53E-05	1.40E-04	6.73E-06	6.54E-06	1.89E-06	4.47E-06
356.75	6369.05	Grid Location	1.89E-01	8.75E-02	3.51E+00	4.57E+00	2.57E-01	6.81E-01	1.46E-04	6.86E-10	1.68E+00	2.57E-01	8.31E-01	2.87E-06	6.07E-07	3.39E-05	8.00E-07	3.53E-05	3.96E-05	2.04E-04	1.56E-04	3.42E-05	1.35E-04	6.56E-06	6.33E-06	1.83E-06	4.33E-06
356.8	6369.05	Grid Location	1.93E-01	9.00E-02	3.53E+00	4.51E+00	2.46E-01	7.08E-01	1.42E-04	6.61E-10	1.65E+00	2.48E-01	8.44E-01	2.78E-06	5.88E-07	3.29E-05	7.76E-07	3.42E-05	3.84E-05	1.98E-04	1.52E-04	3.32E-05	1.31E-04	6.37E-06	6.14E-06	1.78E-06	4.20E-06
356.85	6369.05	Grid Location	1.98E-01	9.29E-02	3.61E+00	4.45E+00	2.39E-01	7.44E-01	1.35E-04	6.25E-10	1.60E+00	2.38E-01	8.72E-01	2.71E-06	5.70E-07	3.21E-05	7.56E-07	3.33E-05	3.72E-05	1.88E-04	1.47E-04	3.24E-05	1.28E-04	6.13E-06	5.99E-06	1.73E-06	4.10E-06
356.9	6369.05	Grid Location	1.96E-01	9.30E-02	3.64E+00	4.31E+00	2.27E-01	7.69E-01	1.23E-04	5.68E-10	1.52E+00	2.21E-01	8.92E-01	2.53E-06	5.32E-07	3.01E-05	7.11E-07	3.13E-05	3.47E-05	1.71E-04	1.38E-04	3.04E-05	1.20E-04	5.66E-06	5.63E-06	1.63E-06	3.85E-06
356.95	6369.05	Grid Location	1.90E-01	9.09E-02	3.61E+00	4.08E+00	2.09E-01	7.88E-01	1.06E-04	5.00E-10	1.41E+00	1.98E-01	8.99E-01	2.25E-06	4.71E-07	2.68E-05	6.33E-07	2.78E-05	3.07E-05	1.49E-04	1.22E-04	2.70E-05	1.07E-04	4.96E-06	5.01E-06	1.45E-06	3.43E-06
357	6369.05	Grid Location	1.79E-01	8.70E-02	3.47E+00	3.80E+00	1.87E-01	7.83E-01	9.21E-05	4.41E-10	1.29E+00	1.75E-01	8.76E-01	1.92E-06	4.03E-07	2.29E-05	5.40E-07	2.38E-05	2.63E-05	1.29E-04	1.05E-04	2.31E-05	9.12E-05	4.28E-06	4.27E-06	1.24E-06	2.92E-06
357.05	6369.05	Grid Location	1.62E-01	7.91E-02	3.13E+00	3.42E+00	1.71E-01	7.42E-01	7.78E-05	3.83E-10	1.14E+00	1.56E-01	7.88E-01	1.68E-06	3.51E-07	2.01E-05	4.74E-07	2.08E-05	2.29E-05	1.09E-04	9.14E-05	2.02E-05	8.00E-05	3.68E-06	3.75E-06	1.09E-06	2.57E-06
357.1	6369.05	Grid Location	1.31E-01	6.25E-02	2.48E+00	2.95E+00	1.55E-01	6.51E-01	6.84E-05	3.46E-10	9.62E-01	1.40E-01	5.89E-01	1.48E-06	3.10E-07	1.77E-05	4.18E-07	1.84E-05	2.02E-05	9.62E-05	8.06E-05	1.79E-05	7.06E-05	3.24E-06	3.31E-06	9.58E-07	2.26E-06
357.15	6369.05	Grid Location	8.76E-02	3.92E-02	1.69E+00	2.45E+00	1.35E-01	4.88E-01	6.23E-05	3.19E-10	7.72E-01	1.26E-01	3.42E-01	1.28E-06	2.69E-07	1.52E-05	3.58E-07	1.58E-05	1.75E-05	8.75E-05	6.95E-05	1.53E-05	6.04E-05	2.87E-06	2.83E-06	8.20E-07	1.94E-06
357.2	6369.05	Grid Location	6.40E-02	2.67E-02	1.28E+00	2.13E+00	1.25E-01	3.71E-01	5.79E-05	2.97E-10	6.66E-01	1.18E-01	2.23E-01	1.19E-06	2.50E-07	1.41E-05	3.33E-07	1.47E-05	1.63E-05	8.13E-05	6.47E-05	1.42E-05	5.62E-05	2.67E-06	2.63E-06	7.62E-07	1.80E-06
357.25	6369.05	Grid Location	5.53E-02	2.15E-02	1.11E+00	2.01E+00	1.29E-01	3.31E-01	5.49E-05	2.83E-10	6.13E-01	1.18E-01	1.65E-01	1.24E-06	2.57E-07	1.48E-05	3.50E-07	1.54E-05	1.67E-05	7.72E-05	6.71E-05	1.50E-05	5.91E-05	2.66E-06	2.77E-06	8.03E-07	1.90E-06
357.3	6369.05	Grid Location	5.78E-02	2.21E-02	1.13E+00	2.06E+00	1.37E-01	3.51E-01	5.59E-05	2.87E-10	6.22E-01	1.23E-01	1.63E-01	1.33E-06	2.74E-07	1.61E-05	3.80E-07	1.66E-05	1.79E-05	7.85E-05	7.22E-05	1.62E-05	6.40E-05	2.78E-06	3.01E-06	8.70E-07	2.06E-06
357.35	6369.05	Grid Location	6.59E-02	2.46E-02	1.26E+00	2.28E+00	1.63E-01	3.83E-01	5.82E-05	2.96E-10	6.57E-01	1.38E-01	1.76E-01	1.62E-06	3.28E-07	1.98E-05	4.70E-07	2.04E-05	2.13E-05	8.19E-05	8.76E-05	1.99E-05	7.91E-05	3.16E-06	3.72E-06	1.08E-06	2.55E-06
357.4	6369.05	Grid Location	8.77E-02	3.27E-02	1.59E+00	2.75E+00	2.10E-01	4.70E-01	6.36E-05	3.18E-10	7.46E-01	1.66E-01	2.27E-01	2.19E-06	4.36E-07	2.73E-05	6.49E-07	2.79E-05	2.82E-05	9.00E-05	1.18E-04	2.75E-05	1.09E-04	3.94E-06	5.14E-06	1.49E-06	3.52E-06
357.45	6369.05	Grid Location	1.33E-01	5.33E-02	2.22E+00	3.43E+00	2.54E-01	6.75E-01	7.53E-05	3.62E-10	9.23E-01	1.97E-01	3.73E-01	2.79E-06	5.52E-07	3.49E-05	8.30E-07	3.56E-05	3.56E-05	1.07E-04	1.50E-04	3.51E-05	1.39E-04	4.89E-06	6.57E-06	1.90E-06	4.50E-06
357.5	6369.05	Grid Location	2.09E-01	9.01E-02	3.18E+00	4.31E+00	3.05E-01	1.00E+00	9.26E-05	4.21E-10	1.19E+00	2.34E-01	6.28E-01	3.59E-06	7.09E-07	4.52E-05	1.07E-06	4.60E-05	4.57E-05	1.32E-04	1.94E-04	4.54E-05	1.80E-04	6.22E-06	8.50E-06	2.46E-06	5.82E-06
357.55	6369.05	Grid Location	3.28E-01	1.51E-01	4.99E+00	5.50E+00	3.58E-01	1.31E+00	1.11E-04	4.76E-10	1.61E+00	2.70E-01	1.18E+00	4.60E-06	9.04E-07	5.80E-05	1.38E-06	5.90E-05	5.83E-05	1.61E-04	2.48E-04	5.82E-05	2.31E-04	7.82E-06	1.09E-05	3.16E-06	7.48E-06
357.6	6369.05	Grid Location	4.57E-01	2.20E-01	6.59E+00	6.62E+00	3.99E-01	1.53E+00	1.36E-04	5.42E-10	2.01E+00	3.01E-01	1.67E+00	5.62E-06	1.11E-06	7.08E-05	1.69E-06	7.21E-05	7.14E-05	2.01E-04	3.03E-04	7.11E-05	2.83E-04	9.63E-06	1.33E-05	3.86E-06	9.13E-06
357.65	6369.05	Grid Location	5.82E-01	2.84E-01	7.23E+00	7.47E+00	4.40E-01	1.65E+00	1.75E-04	6.45E-10	2.28E+00	3.37E-01	1.83E+00	6.69E-06	1.33E-06	8.36E-05	1.99E-06	8.54E-05	8.57E-05	2.65E-04	3.61E-04	8.40E-05	3.34E-04	1.19E-05	1.57E-05	4.55E-06	1.08E-05
357.7	6369.05	Grid Location	6.17E-01	2.91E-01	7.12E+00	8.04E+00	4.99E-01	1.59E+00	2.17E-04	7.62E-10	2.43E+00	3.84E-01	1.72E+00	7.85E-06	1.57E-06	9.76E-05	2.32E-06	9.99E-05	1.02E-04	3.38E-04	4.24E-04	9.81E-05	3.90E-04	1.44E-05	1.84E-05	5.31E-06	1.26E-05
357.75	6369.05	Grid Location	6.51E-01	2.97E-01	6.92E+00	8.73E+00	5.70E-01	1.49E+00	2.74E-04	9.33E-10	2.65E+00	4.46E-01	1.57E+00	9.13E-06	1.84E-06	1.13E-04	2.67E-06	1.16E-04	1.19E-04	4.33E-04	4.94E-04	1.13E-04	4.50E-04	1.74E-05	2.12E-05	6.13E-06	1.45E-05
357.8	6369.05	Grid Location	6.71E-01	3.02E-01	6.71E+00	9.34E+00	6.17E-01	1.35E+00	3.45E-04	1.17E-09	2.97E+00	5.10E-01	1.46E+00	1.05E-05	2.13E-06	1.28E-04	3.04E-06	1.32E-04	1.38E-04	5.47E-04	5.68E-04	1.29E-04	5.11E-04	2.08E-05	2.40E-05	6.96E-06	1.65E-05
357.85	6369.05	Grid Location	6.82E-01	3.02E-01	6.60E+00	9.85E+00	6.42E-01	1.25E+00	4.16E-04	1.40E-09	3.32E+00	5.64E-01	1.41E+00	1.21E-05	2.48E-06	1.48E-04	3.49E-06	1.52E-04	1.61E-04	6.60E-04	6.57E-04	1.49E-04	5.88E-04	2.45E-05	2.77E-05	8.01E-06	1.89E-05
357.9	6369.05	Grid Location	6.74E-01	2.92E-01	6.33E+00	9.91E+00	6.28E-01	1.14E+00	4.71E-04	1.55E-09	3.50E+00	5.83E-01	1.35E+00	1.36E-05	2.80E-06	1.66E-04	3.92E-06	1.71E-04	1.82E-04	7.58E-04	7.39E-04	1.67E-04	6.61E-04	2.78E-05	3.11E-05	8.99E-06	2.12E-05
357.95	6369.05	Grid Location	6.67E-01	2.82E-01	5.92E+00	9.61E+00	5.96E-01	1.03E+00	5.07E-04	1.60E-09	3.51E+00	5.76E-01	1.26E+00	1.48E-05	3.04E-06	1.79E-04	4.23E-06	1.85E-04	1.97E-04	8.43E-04	8.01E-04	1.80E-04	7.14E-04	3.04E-05	3.35E-05	9.70E-06	2.29E-05
358	6369.05	Grid Location	6.55E-01	2.74E-01	5.51E+00	9.18E+00	5.65E-01	9.46E-01	5.27E-04	1.58E-09	3.41E+00	5.57E-01	1.17E+00	1.49E-05	3.09E-06	1.79E-04	4.24E-06	1.86E-04	2.01E-04	9.16E-04	8.10E-04	1.81E-04	7.15E-04	3.18E-05	3.36E-05	9.71E-06	2.30E-05
356.5	6369.101	Grid Location	1.70E-01	7.52E-02	3.33E+00	4.66E+00	2.93E-01	5.76E-01	1.57E-04	7.39E-10	1.74E+00	2.84E-01	7.58E-01	3.21E-06	6.75E-07	3.82E-05	9.00E-07	3.96E-05	4.40E-05	2.19E-04	1.75E-04	3.85E-05	1.52E-04	7.20E-06	7.12E-06	2.06E-06	4.87E-06
356.55	6369.101	Grid Location	1.76E-01	7.86E-02	3.44E+00	4.72E+00	2.93E-01	6.11E-01	1.54E-04	7.32E-10	1.75E+00	2.83E-01	7.90E-01	3.20E-06	6.73E-07	3.82E-05	9.00E-07	3.96E-05	4.39E-05	2.16E-04	1.74E-04	3.85E-05	1.52E-04	7.14E-06	7.13E-06	2.06E-06	4.88E-06
356.6	6369.101	Grid Location	1.81E-01	8.14E-02	3.52E+00	4.74E+00	2.89E-01	6.40E-01	1.52E-04	7.22E-10	1.74E+00	2.80E-01	8.14E-01	3.16E-06	6.63E-07	3.77E-05	8.89E-07	3.91E-05	4.32E-05	2.11E-04	1.72E-04	3.80E-05	1.50E-04	7.02E-06	7.04E-06	2.04E-06	4.81E-06
356.65	6369.101	Grid Location	1.84E-01	8.35E-02	3.56E+00	4.72E+00	2.81E-01	6.64E-01	1.48E-04	7.08E-10	1.73E+00	2.74E-01	8.29E-01	3.07E-06	6.45E-07	3.66E-05	8.63E-07	3.80E-05	4.21E-05	2.07E-04	1.67E-04	3.69E-05	1.46E-04	6.85E-06	6.83E-06	1.98E-06	4.68E-06
356.7	6369.101	Grid Location	1.87E-01	8.55E-02	3.59E+00	4.67E+00	2.69E-01	6.92E-01	1.44E-04	6.89E-10	1.70E+00	2.64E-01	8.42E-01	2.94E-06	6.18E-07	3.50E-05	8.24E-07	3.63E-05	4.04E-05	2.01E-04	1.60E-04	3.53E-05	1.39E-04	6.60E-06	6.53E-06	1.89E-06	4.46E-06
356.75	6369.101	Grid Location	1.89E-01	8.73E-02	3.61E+00	4.60E+00	2.56E-01	7.22E-01	1.38E-04	6.62E-10	1.66E+00	2.53E-01	8.54E-01	2.79E-06	5.88E-07	3.31E-05	7.81E-07	3.44E-05	3.84E-05	1.92E-04	1.52E-04	3.34E-05	1.32E-04	6.29E-06	6.19E-06	1.79E-06	4.23E-06
356.8	6369.101	Grid Location	1.92E-01	8.95E-02	3.64E+00	4.52E+00	2.45E-01	7.58E-01	1.30E-04	6.24E-10	1.60E+00	2.40E-01	8.70E-01	2.66E-06	5.60E-07	3.17E-05	7.46E-07	3.29E-05	3.65E-05	1.81E-04	1.45E-04	3.19E-05	1.26E-04	5.96E-06	5.91E-06	1.71E-06	4.04E-06
356.85	6369.101	Grid Location	1.96E-01	9.21E-02	3.70E+00	4.43E+00	2.36E-01	7.98E-01	1.19E-04	5.74E-10	1.54E+00	2.27E-01	8.94E-01	2.55E-06	5.34E-07	3.05E-05	7.21E-07	3.16E-05	3.48E-05	1.67E-04	1.39E-04	3.08E-05	1.22E-04	5.60E-06	5.70E-06	1.65E-06	3.90E-06
356.9	6369.101	Grid Location	1.95E-01	9.23E-02	3.68E+00	4.25E+00	2.21E-01	8.28E-01	1.07E-04	5.17E-10	1.44E+00	2.08E-01	9.00E-01	2.37E-06	4.94E-07	2.85E-05	6.72E-07	2.95E-05	3.22E-05	1.50E-04	1.29E-04	2.87E-05	1.13E-04	5.12E-06	5.32E-06	1.54E-06	3.64E-06
356.95	6369.101	Grid Location	1.84E-01	8.81E-02	3.50E+00	3.96E+00	1.94E-01	8.34E-01	9.55E-05	4.62E-10	1.32E+00	1.84E-01	8.59E-01	2.05E-06	4.29E-07	2.46E-05	5.80E-07	2.55E-05	2.80E-05	1.33E-04	1.12E-04	2.48E-05	9.79E-05	4.50E-06	4.59E-06	1.33E-06	3.14E-06
357	6369.101	Grid Location	1.68E-01	8.03E-02	3.17E+00	3.57E+00	1.73E-01	8.04E-01	8.19E-05	4.01E-10	1.17E+00	1.62E-01	7.74E-01	1.78E-06	3.72E-07	2.13E-05	5.03E-07	2.21E-05	2.42E-05	1.15E-04	9.69E-05	2.15E-05	8.50E-05	3.88E-06	3.98E-06	1.15E-06	2.73E-06
357.05	6369.101	Grid Location	1.44E-01	6.84E-02	2.67E+00	3.10E+00	1.54E-01	7.36E-01	6.94E-05	3.48E-10	9.97E-01	1.42E-01	6.37E-01	1.54E-06	3.21E-07	1.85E-05	4.36E-07	1.91E-05	2.09E-05	9.73E-05	8.38E-05	1.86E-05	7.36E-05	3.33E-06	3.46E-06	1.00E-06	2.36E-06
357.1	6369.101	Grid Location	1.13E-01	5.30E-02	2.04E+00	2.53E+00	1.29E-01	6.31E-01	5.82E-05	3.01E-10	8.11E-01	1.20E-01	4.67E-01	1.25E-06	2.61E-07	1.49E-05	3.52E-07	1.55E-05	1.70E-05	8.17E-05	6.80E-05	1.51E-05	5.95E-05	2.74E-06	2.79E-06	8.08E-07	1.91E-06

357.15	6369.101	Grid Location	7.91E-02	3.72E-02	1.48E+00	1.92E+00	1.00E-01	4.72E-01	4.63E-05	2.45E-10	6.29E-01	9.51E-02	3.31E-01	9.30E-07	1.96E-07	1.10E-05	2.60E-07	1.15E-05	1.28E-05	6.50E-05	5.07E-05	1.11E-05	4.39E-05	2.11E-06	2.06E-06	5.95E-07	1.41E-06
357.2	6369.101	Grid Location	5.06E-02	2.22E-02	9.84E-01	1.48E+00	8.94E-02	3.24E-01	3.64E-05	1.95E-10	4.65E-01	8.08E-02	1.90E-01	8.06E-07	1.68E-07	9.66E-06	2.28E-07	1.00E-05	1.09E-05	5.13E-05	4.38E-05	9.74E-06	3.85E-05	1.75E-06	1.81E-06	5.23E-07	1.24E-06
357.25	6369.101	Grid Location	3.84E-02	1.47E-02	7.75E-01	1.34E+00	9.54E-02	2.52E-01	2.98E-05	1.62E-10	3.74E-01	7.82E-02	1.15E-01	8.60E-07	1.74E-07	1.06E-05	2.51E-07	1.09E-05	1.13E-05	4.22E-05	4.65E-05	1.06E-05	4.22E-05	1.66E-06	1.98E-06	5.75E-07	1.36E-06
357.3	6369.101	Grid Location	3.95E-02	1.45E-02	7.76E-01	1.38E+00	1.03E-01	2.63E-01	2.87E-05	1.56E-10	3.63E-01	8.12E-02	1.03E-01	9.43E-07	1.89E-07	1.17E-05	2.78E-07	1.20E-05	1.22E-05	4.08E-05	5.09E-05	1.18E-05	4.67E-05	1.73E-06	2.20E-06	6.37E-07	1.51E-06
357.35	6369.101	Grid Location	4.68E-02	1.69E-02	8.75E-01	1.55E+00	1.23E-01	3.02E-01	3.00E-05	1.62E-10	3.87E-01	9.24E-02	1.12E-01	1.17E-06	2.32E-07	1.48E-05	3.51E-07	1.50E-05	1.49E-05	4.27E-05	6.33E-05	1.48E-05	5.89E-05	2.02E-06	2.78E-06	8.05E-07	1.90E-06
357.4	6369.101	Grid Location	7.22E-02	2.65E-02	1.20E+00	1.98E+00	1.76E-01	4.33E-01	3.32E-05	1.75E-10	4.64E-01	1.24E-01	1.61E-01	1.83E-06	3.54E-07	2.34E-05	5.59E-07	2.38E-05	2.27E-05	4.78E-05	9.85E-05	2.35E-05	9.36E-05	2.85E-06	4.43E-06	1.28E-06	3.03E-06
357.45	6369.101	Grid Location	1.29E-01	5.26E-02	1.93E+00	2.80E+00	2.35E-01	7.31E-01	4.35E-05	2.18E-10	6.54E-01	1.62E-01	3.19E-01	2.60E-06	4.99E-07	3.33E-05	7.95E-07	3.37E-05	3.20E-05	6.27E-05	1.39E-04	3.34E-05	1.33E-04	3.96E-06	6.30E-06	1.82E-06	4.31E-06
357.5	6369.101	Grid Location	2.13E-01	9.24E-02	2.94E+00	3.90E+00	2.91E-01	1.12E+00	6.31E-05	2.96E-10	9.45E-01	2.05E-01	5.56E-01	3.42E-06	6.60E-07	4.37E-05	1.04E-06	4.43E-05	4.24E-05	9.07E-05	1.84E-04	4.38E-05	1.75E-04	5.34E-06	8.25E-06	2.39E-06	5.64E-06
357.55	6369.101	Grid Location	2.93E-01	1.31E-01	3.87E+00	4.92E+00	3.28E-01	1.44E+00	8.44E-05	3.77E-10	1.22E+00	2.36E-01	7.81E-01	4.00E-06	7.78E-07	5.08E-05	1.21E-06	5.16E-05	5.00E-05	1.21E-04	2.15E-04	5.09E-05	2.03E-04	6.49E-06	9.57E-06	2.77E-06	6.55E-06
357.6	6369.101	Grid Location	3.61E-01	1.65E-01	4.91E+00	5.90E+00	3.60E-01	1.59E+00	1.09E-04	4.61E-10	1.54E+00	2.64E-01	1.07E+00	4.55E-06	8.94E-07	5.74E-05	1.37E-06	5.85E-05	5.76E-05	1.57E-04	2.45E-04	5.76E-05	2.29E-04	7.70E-06	1.08E-05	3.13E-06	7.40E-06
357.65	6369.101	Grid Location	3.93E-01	1.77E-01	5.46E+00	6.63E+00	3.93E-01	1.56E+00	1.36E-04	5.51E-10	1.77E+00	2.94E-01	1.20E+00	5.08E-06	1.01E-06	6.37E-05	1.51E-06	6.50E-05	6.51E-05	1.98E-04	2.74E-04	6.39E-05	2.54E-04	8.98E-06	1.20E-05	3.47E-06	8.20E-06
357.7	6369.101	Grid Location	3.94E-01	1.75E-01	5.50E+00	6.90E+00	4.14E-01	1.41E+00	1.61E-04	6.33E-10	1.91E+00	3.18E-01	1.20E+00	5.40E-06	1.08E-06	6.71E-05	1.59E-06	6.87E-05	7.00E-05	2.37E-04	2.92E-04	6.74E-05	2.68E-04	9.97E-06	1.26E-05	3.65E-06	8.63E-06
357.75	6369.101	Grid Location	4.00E-01	1.77E-01	5.53E+00	7.24E+00	4.52E-01	1.27E+00	1.91E-04	7.49E-10	2.10E+00	3.56E-01	1.20E+00	5.97E-06	1.20E-06	7.36E-05	1.75E-06	7.55E-05	7.80E-05	2.83E-04	3.23E-04	7.40E-05	2.94E-04	1.14E-05	1.38E-05	4.00E-06	9.46E-06
357.8	6369.101	Grid Location	4.05E-01	1.78E-01	5.50E+00	7.62E+00	4.85E-01	1.17E+00	2.35E-04	9.13E-10	2.35E+00	4.02E-01	1.17E+00	6.59E-06	1.34E-06	8.05E-05	1.91E-06	8.28E-05	8.72E-05	3.47E-04	3.57E-04	8.10E-05	3.21E-04	1.31E-05	1.51E-05	4.37E-06	1.03E-05
357.85	6369.101	Grid Location	4.15E-01	1.81E-01	5.52E+00	8.06E+00	5.09E-01	1.10E+00	2.88E-04	1.11E-09	2.66E+00	4.48E-01	1.18E+00	7.37E-06	1.52E-06	8.93E-05	2.11E-06	9.22E-05	9.88E-05	4.28E-04	4.00E-04	8.99E-05	3.56E-04	1.53E-05	1.67E-05	4.84E-06	1.14E-05
357.9	6369.101	Grid Location	4.17E-01	1.81E-01	5.39E+00	8.19E+00	5.09E-01	1.02E+00	3.29E-04	1.24E-09	2.85E+00	4.72E-01	1.15E+00	8.05E-06	1.67E-06	9.69E-05	2.29E-06	1.00E-04	1.09E-04	4.92E-04	4.37E-04	9.76E-05	3.86E-04	1.71E-05	1.81E-05	5.25E-06	1.24E-05
357.95	6369.101	Grid Location	4.10E-01	1.76E-01	5.09E+00	7.98E+00	4.92E-01	9.36E-01	3.51E-04	1.28E-09	2.88E+00	4.73E-01	1.08E+00	8.44E-06	1.76E-06	1.01E-04	2.39E-06	1.05E-04	1.14E-04	5.33E-04	4.59E-04	1.02E-04	4.04E-04	1.82E-05	1.89E-05	5.48E-06	1.30E-05
358	6369.101	Grid Location	4.03E-01	1.72E-01	4.77E+00	7.68E+00	4.76E-01	8.55E-01	3.62E-04	1.28E-09	2.82E+00	4.64E-01	1.01E+00	8.64E-06	1.81E-06	1.03E-04	2.44E-06	1.07E-04	1.18E-04	5.65E-04	4.70E-04	1.04E-04	4.12E-04	1.90E-05	1.93E-05	5.59E-06	1.32E-05
356.5	6369.15	Grid Location	1.76E-01	7.79E-02	3.48E+00	4.87E+00	3.07E-01	6.00E-01	1.63E-04	7.71E-10	1.81E+00	2.98E-01	7.90E-01	3.36E-06	7.06E-07	4.00E-05	9.42E-07	4.15E-05	4.60E-05	2.28E-04	1.83E-04	4.03E-05	1.59E-04	7.51E-06	7.46E-06	2.16E-06	5.10E-06
356.55	6369.15	Grid Location	1.84E-01	8.16E-02	3.61E+00	4.95E+00	3.08E-01	6.39E-01	1.61E-04	7.62E-10	1.82E+00	2.97E-01	8.26E-01	3.36E-06	7.04E-07	4.00E-05	9.44E-07	4.15E-05	4.59E-05	2.24E-04	1.83E-04	4.03E-05	1.59E-04	7.44E-06	7.47E-06	2.16E-06	5.11E-06
356.6	6369.15	Grid Location	1.87E-01	8.38E-02	3.67E+00	4.93E+00	3.00E-01	6.65E-01	1.56E-04	7.43E-10	1.80E+00	2.90E-01	8.45E-01	3.27E-06	6.86E-07	3.91E-05	9.21E-07	4.05E-05	4.47E-05	2.17E-04	1.78E-04	3.94E-05	1.56E-04	7.24E-06	7.29E-06	2.11E-06	4.99E-06
356.65	6369.15	Grid Location	1.90E-01	8.57E-02	3.70E+00	4.88E+00	2.89E-01	6.93E-01	1.51E-04	7.21E-10	1.77E+00	2.81E-01	8.61E-01	3.14E-06	6.59E-07	3.75E-05	8.84E-07	3.89E-05	4.30E-05	2.10E-04	1.71E-04	3.78E-05	1.49E-04	6.97E-06	7.00E-06	2.03E-06	4.79E-06
356.7	6369.15	Grid Location	1.91E-01	8.74E-02	3.72E+00	4.78E+00	2.73E-01	7.23E-01	1.43E-04	6.89E-10	1.72E+00	2.67E-01	8.74E-01	2.96E-06	6.21E-07	3.52E-05	8.31E-07	3.66E-05	4.05E-05	1.99E-04	1.61E-04	3.55E-05	1.40E-04	6.59E-06	6.58E-06	1.90E-06	4.50E-06
356.75	6369.15	Grid Location	1.92E-01	8.89E-02	3.73E+00	4.66E+00	2.57E-01	7.58E-01	1.34E-04	6.47E-10	1.66E+00	2.51E-01	8.86E-01	2.77E-06	5.82E-07	3.30E-05	7.78E-07	3.43E-05	3.79E-05	1.86E-04	1.51E-04	3.33E-05	1.31E-04	6.17E-06	6.16E-06	1.78E-06	4.22E-06
356.8	6369.15	Grid Location	1.96E-01	9.15E-02	3.77E+00	4.56E+00	2.46E-01	8.04E-01	1.22E-04	5.95E-10	1.58E+00	2.36E-01	9.05E-01	2.63E-06	5.50E-07	3.15E-05	7.44E-07	3.27E-05	3.58E-05	1.70E-04	1.43E-04	3.18E-05	1.26E-04	5.75E-06	5.89E-06	1.70E-06	4.03E-06
356.85	6369.15	Grid Location	2.02E-01	9.50E-02	3.85E+00	4.47E+00	2.35E-01	8.54E-01	1.10E-04	5.38E-10	1.50E+00	2.20E-01	9.33E-01	2.50E-06	5.19E-07	3.01E-05	7.11E-07	3.11E-05	3.38E-05	1.54E-04	1.36E-04	3.03E-05	1.20E-04	5.33E-06	5.63E-06	1.63E-06	3.85E-06
356.9	6369.15	Grid Location	2.00E-01	9.52E-02	3.78E+00	4.25E+00	2.11E-01	8.88E-01	9.92E-05	4.85E-10	1.41E+00	1.97E-01	9.27E-01	2.22E-06	4.62E-07	2.67E-05	6.31E-07	2.76E-05	3.01E-05	1.38E-04	1.21E-04	2.69E-05	1.06E-04	4.77E-06	5.00E-06	1.45E-06	3.42E-06
356.95	6369.15	Grid Location	1.86E-01	8.88E-02	3.47E+00	3.89E+00	1.85E-01	8.74E-01	8.79E-05	4.31E-10	1.26E+00	1.74E-01	8.48E-01	1.93E-06	4.02E-07	2.31E-05	5.46E-07	2.40E-05	2.62E-05	1.23E-04	1.05E-04	2.33E-05	9.22E-05	4.18E-06	4.32E-06	1.25E-06	2.96E-06
357	6369.15	Grid Location	1.63E-01	7.73E-02	2.99E+00	3.44E+00	1.71E-01	8.14E-01	7.49E-05	3.71E-10	1.09E+00	1.56E-01	7.11E-01	1.77E-06	3.66E-07	2.14E-05	5.06E-07	2.21E-05	2.38E-05	1.05E-04	9.61E-05	2.15E-05	8.53E-05	3.71E-06	4.00E-06	1.16E-06	2.74E-06
357.05	6369.15	Grid Location	1.35E-01	6.30E-02	2.41E+00	2.93E+00	1.54E-01	7.27E-01	6.51E-05	3.27E-10	9.13E-01	1.39E-01	5.47E-01	1.57E-06	3.23E-07	1.90E-05	4.48E-07	1.96E-05	2.10E-05	9.11E-05	8.50E-05	1.91E-05	7.56E-05	3.25E-06	3.55E-06	1.03E-06	2.43E-06
357.1	6369.15	Grid Location	1.10E-01	5.15E-02	1.92E+00	2.36E+00	1.28E-01	6.40E-01	5.20E-05	2.68E-10	7.40E-01	1.14E-01	4.34E-01	1.26E-06	2.59E-07	1.52E-05	3.60E-07	1.57E-05	1.68E-05	7.29E-05	6.82E-05	1.53E-05	6.06E-05	2.61E-06	2.85E-06	8.24E-07	1.95E-06
357.15	6369.15	Grid Location	7.83E-02	3.66E-02	1.35E+00	1.73E+00	9.86E-02	5.03E-01	3.73E-05	2.00E-10	5.37E-01	8.64E-02	2.95E-01	9.04E-07	1.86E-07	1.09E-05	2.59E-07	1.13E-05	1.21E-05	5.25E-05	4.91E-05	1.10E-05	4.36E-05	1.88E-06	2.05E-06	5.93E-07	1.40E-06
357.2	6369.15	Grid Location	4.40E-02	1.92E-02	8.20E-01	1.21E+00	8.15E-02	2.95E-01	2.53E-05	1.42E-10	3.55E-01	6.70E-02	1.54E-01	7.03E-07	1.43E-07	8.62E-06	2.04E-07	8.85E-06	9.26E-06	3.59E-05	3.81E-05	8.67E-06	3.44E-05	1.38E-06	1.62E-06	4.68E-07	1.11E-06
357.25	6369.15	Grid Location	2.85E-02	1.05E-02	6.28E-01	1.04E+00	8.60E-02	1.72E-01	1.93E-05	1.12E-10	2.75E-01	6.40E-02	9.43E-02	7.41E-07	1.46E-07	9.31E-06	2.21E-07	9.49E-06	9.45E-06	2.76E-05	4.00E-05	9.35E-06	3.72E-05	1.29E-06	1.75E-06	5.07E-07	1.20E-06
357.3	6369.15	Grid Location	2.84E-02	9.44E-03	6.38E-01	1.10E+00	9.71E-02	1.65E-01	1.83E-05	1.06E-10	2.67E-01	6.90E-02	8.29E-02	8.63E-07	1.68E-07	1.10E-05	2.61E-07	1.11E-05	1.08E-05	2.64E-05	4.64E-05	1.10E-05	4.37E-05	1.41E-06	2.07E-06	5.98E-07	1.41E-06
357.35	6369.15	Grid Location	3.73E-02	1.18E-02	7.59E-01	1.31E+00	1.28E-01	2.03E-01	1.95E-05	1.11E-10	2.95E-01	8.69E-02	9.03E-02	1.25E-06	2.40E-07	1.61E-05	3.84E-07	1.63E-05	1.54E-05	2.85E-05	6.71E-05	1.61E-05	6.43E-05	1.88E-06	3.04E-06	8.80E-07	2.08E-06
357.4	6369.15	Grid Location	6.97E-02	2.45E-02	1.08E+00	1.80E+00	1.84E-01	4.12E-01	2.18E-05	1.21E-10	3.63E-01	1.19E-01	1.27E-01	1.97E-06	3.72E-07	2.56E-05	6.12E-07	2.58E-05	2.38E-05	3.23E-05	1.06E-04	2.57E-05	1.02E-04	2.75E-06	4.85E-06	1.40E-06	3.32E-06
357.45	6369.15	Grid Location	1.38E-01	5.52E-02	1.67E+00	2.57E+00	2.42E-01	8.56E-01	2.82E-05	1.48E-10	4.97E-01	1.54E-01	2.25E-01	2.79E-06	5.27E-07	3.64E-05	8.71E-07	3.67E-05	3.37E-05	4.19E-05	1.50E-04	3.65E-05	1.46E-04	3.84E-06	6.90E-06	2.00E-06	4.72E-06
357.5	6369.15	Grid Location	2.06E-01	8.72E-02	2.33E+00	3.40E+00	2.76E-01	1.22E+00	4.16E-05	2.05E-10	6.87E-01	1.79E-01	3.63E-01	3.27E-06	6.20E-07	4.23E-05	1.01E-06	4.27E-05	3.97E-05	6.07E-05	1.75E-04	4.24E-05	1.69E-04	4.68E-06	8.01E-06	2.32E-06	5.48E-06
357.55	6369.15	Grid Location	2.37E-01	1.00E-01	2.92E+00	4.26E+00	2.96E-01	1.28E+00	6.33E-05	2.92E-10	9.08E-01	2.02E-01	4.83E-01	3.51E-06	6.77E-07	4.49E-05	1.07E-06	4.55E-05	4.35E-05	9.11E-05	1.89E-04	4.51E-05	1.79E-04	5.45E-06	8.49E-06	2.46E-06	5.81E-06
357.6	6369.15	Grid Location	2.55E-01	1.08E-01	3.43E+00	4.95E+00	3.05E-01	1.24E+00	8.62E-05	3.82E-10	1.13E+00	2.20E-01	6.04E-01	3.60E-06	7.06E-07	4.54E-05	1.08E-06	4.62E-05	4.55E-05	1.23E-04	1.94E-04	4.56E-05	1.81E-04	6.08E-06	8.56E-06	2.48E-06	5.85E-06
357.65	6369.15	Grid Location	2.65E-01	1.14E-01	3.86E+00	5.34E+00	3.12E-01	1.18E+00	1.04E-04	4.52E-10	1.32E+00	2.35E-01	7.42E-01	3.61E-06	7.20E-07	4.51E-05	1.07E-06	4.61E-05	4.65E-05	1.48E-04	1.95E-04	4.53E-05	1.80E-04	6.50E-06	8.48E-06	2.45E-06	5.80E-06
357.7	6369.15	Grid Location	2.68E-01	1.17E-01	4.08E+00	5.47E+00	3.19E-01	1.11E+00	1.18E-04	5.07E-10	1.45E+00	2.48E-01	8.32E-01	3.67E-06	7.38E-07	4.54E-05	1.08E-06	4.65E-05	4.78E-05	1.69E-04	1.98E-04	4.56E-05	1.81E-04	6.90E-06	8.53E-06	2.47E-06	5.83E-06
357.75	6369.15	Grid Location	2.66E-01	1.17E-01	4.12E+00	5.52E+00	3.32E-01	1.01E+00	1.33E-04	5.70E-10	1.57E+00	2.65E-01	8.69E-01	3.86E-06	7.82E-07	4.75E-05	1.13E-06	4.87E-05	5.07E-05	1.90E-04	2.09E-04	4.77E-05	1.89E-04	7.46E-06	8.91E-06	2.58E-06	6.10E-06
357.8	6369.15	Grid Location	2.73E-01	1.19E-01	4.25E+00	5.85E+00	3.67E-01	9.66E-01	1.56E-04	6.68E-10	1.75E+00	3.01E-01	8.96E-01	4.41E-06	8.95E-07	5.41E-05	1.28E-06	5.55E-05	5.80E-05	2.23E-04	2.39E-04	5.44E-05	2.16E-04	8.62E-06	1.01E-05	2.94E-06	6.94E-06
357.85	6369.15	Grid Location	2.88E-01	1.24E-01	4.45E+00	6.39E+00	4.08E-01	9.42E-01	1.93E-04	8.20E-10	2.03E+00	3.49E-01	9.34E-01	5.13E-06	1.05E-06	6.26E-05	1.48E-06	6.45E-05	6.82E-05	2.78E-04	2.78E-04	6.30E-05	2.50E-04	1.03E-05	1.17E-05	3.40E-06	8.03E-06
357.9	6369.15	Grid Location	2.95E-01	1.26E-01	4.50E+00	6.71E+00	4.28E-01	9.00E-01	2.28E-04	9.52E-10	2.25E+00	3.83E-01	9.46E-01	5.66E-06	1.17E-06	6.85E-05	1.62E-06	7.07E-05	7.58E-05	3.29E-04	3.07E-04	6.89E-05	2.73E-04	1.18E-05	1.28E-05	3.71E-06	8.77E-06
357.95	6369.15	Grid Location	2.91E-01	1.24E-01	4.38E+00	6.73E+00	4.26E-01	8.34E-01	2.52E-04	1.03E-09	2.35E+00	3.96E-01	9.22E-01	5.88E-06	1.22E-06	7.06E-05	1.67E-06	7.31E-05	7.95E-05	3.66E-04	3.19E-04	7.12E-05	2.81E-04	1.26E-05	1.32E-05	3.82E-06	9.04E-06
358	6369.15	Grid Location	2.79E-01	1.18E-01	4.14E+00	6.50E+00	4.11E-01	7.56E-01	2.61E-04	1.04E-09	2.33E+00	3.91E-01	8.69E-01	5.86E-06	1.23E-06	7.00E-05	1.65E-06	7.26E-05	7.99E-05	3.83E-04	3.19E-04	7.06E-05	2.79E-04	1.29E-05	1.31E-05	3.79E-06	8.95E-06
356.5	6369.201	Grid Location	1.82E-01	8.02E-02	3.61E+00	5.07E+00	3.21E-01	6.22E-01	1.71E-04	8.05E-10	1.89E+00	3.11E-01	8.15E-01	3.50E-06	7.35E-07	4.16E-05	9.81E-07	4.32E-05	4.80E-05	2.38E-04	1.90E-04	4.20E-05	1.66E-04	7.83E-06	7.77E-06	2.25E-06	5.31E-06
356.55	6369.201	Grid Location	1.91E-01	8.46E-02	3.77E+00	5.18E+00	3.23E-01	6.66E-01	1.69E-04	7.99E-10	1.91E+00	3.12E-01	8.59E-01	3.52E-06	7.38E-07	4.20E-05	9.90E-07	4.36E-05	4.81E-05	2.35E-04	1.92E-04	4.23E-05	1.67E-04	7.81E-06	7.84E-06	2.27E-06	5.36E-06
356.6	6369.201	Grid Location	1.96E-01	8.76E-02	3.87E+00	5.21E+00	3.19E-01	6.99E-01	1.65E-04	7.85E-10	1.90E+00	3.07E-01	8.88E-01	3.47E-06	7.28E-07	4.15E-05	9.78E-07	4.30E-05	4.74E-05	2.29E-04	1.89E-04	4.18E-05	1.65E-04	7.67E-06	7.75E-06	2.24E-06	5.30E-06
356.65	6369.201	Grid Location	1.98E-01	8.95E-02	3.90E+00	5.14E+00	3.05E-01	7.29E-01	1.58E-04	7.56E-10	1.86E+00	2.96E-01	9.04E-01	3.32E-06	6.95E-07	3.96E-05	9.34E-07	4.11E-05	4.53E-05	2.20E-04	1.81E-04	3.99E-05	1.58E-04	7.34E-06	7.39E-06	2.14E-06	5.06E-06
356.7	6369.201	Grid Location	1.99E-01	9.10E-02	3.91E+00	5.00E+00	2.85E-01	7.60E-01	1.48E-04	7.12E-10	1.79E+00	2.77E-01	9.18E-01	3.08E-06	6.46E-07	3.67E-05	8.66E-07	3.81E-05	4.22E-05	2.06E-04	1.68E-04	3.70E-05	1.46E-04	6.84E-06	6.86E-06	1.99E-06	4.69E-06
356.75	6369.201	Grid Location	2.01E-01	9.28E-02	3.93E+00	4.85E+00	2.66E-01	7.99E-01	1.36E-04	6.58E-10	1.71E+00	2.58E-01	9.34E-01	2.86E-06	5.99E-07	3.42E-05	8.06E-07	3.54E-05	3.91E-05	1.89E-04	1.56E-04	3.44E-05	1.36E-04	6.32E-06	6.38E-06	1.85E-06	4.37E-06
356.8	6369.201	Grid Location	2.06E-01	9.62E-02	4.00E+00	4.75E+00	2.55E-01	8.55E-01	1.22E-04	5.95E-10	1.62E+00	2.41E-01	9.61E-01	2.72E-06	5.66E-07	3.27E-05	7.72E-07	3.38E-05	3.68E-05	1.70E-04	1.48E-04	3.29E-05	1.30E-04	5.85E-06	6.11E-06	1.77E-06	4.18E-06
356.85	6369.201	Grid Location	2.13E-01	1.00E-01	4.08E+00	4.64E+00	2.40E-01	9.14E-01	1.09E-04	5.32E-10	1.53E+00	2.21E-01	9.93E-01	2.54E-06	5.25E-07	3.06E-05	7.24E-07	3.16E-05	3.41E-05	1.52E-04	1.38E-04	3.08E-05	1.22E-04	5.34E-06	5.73E-06	1.66E-06	3.92E-06
356.9	6369.201	Grid Location	2.10E-01	1.01E-01	3.98E+00	4.37E+00	2.08E-01	9.52E-01	9.77E-05	4.79E-10	1.43E+00	1.94E-01	9.85E-01	2.18E-06	4.53E-07	2.61E-05	6.17E-07	2.70E-05	2.95E-05	1.36E-04	1.18E-04	2.63E-05	1.04E-04	4.68E-06	4.89E-06	1.41E-06	3.34E-06
356.95	6369.201	Grid Location	1.95E-01	9.36E-02	3.62E+00	3.93E+00	1.86E-01	9.28E-01	8.23E-05	4.07E-10	1.25E+00	1.70E-01	8.94E-01	1.92E-06	3.96E-07	2.31E-05	5.46E-07	2.39E-05	2.58E-05	1.15E-04	1.04E-04	2.33E-05	9.21E-05	4.04E-06	4.33E-06	1.25E-06	2.96E-06
357	6369.201	Grid Location	1.70E-01	8.11E-02	3.08E+00	3.45E+00	1.75E-01	8.56E-01	7.10E-05	3.55E-10	1.08E+00	1.55E-01	7.42E-01	1.79E-06	3.67E-07	2.18E-05	5.16E-07	2.24E-05	2.38E-05	9.92E-05	9.71E-05	2.19E-05	8.68E-05	3.64E-06	4.08E-06	1.18E-06	2.79E-06
357.05	6369.201	Grid Location	1.44E-01	6.69E-02	2.51E+00	2.97E+00	1.72E-01	7.69E-01	6.01E-05	3.03E-10	9.00E-01	1.44E-01	5.75E-01	1.75E-06	3.54E-07	2.16E-05	5.11E-07	2.21E-05	2.29E-05	8.44E-05	9.47E-05	2.17E-05	8.60E-05	3.35E-06	4.05E-06	1.17E-06	2.77E-06
357.1	6369.201	Grid Location	1.24E-01	5.72E-02	2.12E+00	2.54E+00	1.61E-01	7.02E-01	4.79E-05	2.45E-10	7.42E-01	1.28E-01	4.70E-01	1.60E-06	3.20E-07	2.00E-05	4.75E-07	2.04E-05	2.07E-05	6.75E-05	8.67E-05	2.01E-05	7.97E-05	2.91E-06	3.76E-06	1.09E-06	2.57E-06
357.15	6369.201	Grid Location	8.01E-02	3.64E-02	1.36E+00	1.78E+00	1.16E-01	4.98E-01	3.64E-05	1.93E-10	5.28E-01	9.44E-02	2.83E-01	1.09E-06	2.20E-07	1.35E-05	3.19E-07	1.38E-05	1.42E-05	5.14E-05	5.90E-05	1.35E-05	5.37E-05	2.07E-06	2.53E-06	7.31E-07	1.73E-06
357.2	6369.201	Grid Location	3.80E-02	1.69E-02	7.08E-01	1.08E+00	6.61E-02	2.66E-01	2.52E-05	1.41E-10	3.34E-01	5.83E-02	1.33E-01	5.49E-07	1.15E-07	6.57E-06	1.55E-07	6.80E-06	7.47E-06	3.55E-05	2.99E-05	6.62E-06	2.62E-05	1.20E-06	1.23E-06	3.55E-07	8.40E-07
357.25	6369.201	Grid Location	1.90E-02	7.43E-03	4.91E-01	7.70E-01	5.61E-02	1.13E-01	1.49E-05	9.07E-11	2.21E-01	4.39E-02	8.59E-02	4.34E-07	8.79E-08	5.34E-06	1.27E-07	5.48E-06	5.69E-06	2.13E-05	2.35E-05	5.37E-06	2.13E-05	8.37E-07	1.00E-06	2.90E-07	6.86E-07
357.3	6369.201	Grid Location	1.80E-02	6.06E-03	4.90E-01	7.77E-01	6.64E-02	9.79E-02	1.11E-05	7.07E-11	1.89E-01	4.57E-02	7.56E-02	5.37E-07	1.05E-07	6.83E-06	1.63E-07	6.94E-06	6.73E-06	1.62E-05	2.89E-05	6.85E-06	2.73E-05	8.72E-07	1.29E-06	3.73E-07	8.82E-07
357.35	6369.201	Grid Location	3.15E-02	8.43E-03	7.09E-01	1.16E+00	1.35E-01	1.23E-01	1.13E-05	7.08E-11	2.29E-01	8.34E-02	8.39E-02	1.36E-06	2.55E-07	1.78E-05	4.26E-07	1.79E-05	1.63E-05	1.73E-05	7.29E-05	1.78E-05	7.12E-05	1.82E-06	3.37E-06	9.77E-07	2.31E-06
357.4	6369.201	Grid Location	7.64E-02	2.35E-02	1.13E+00	1.90E+00	2.39E-01	3.50E-01	1.36E-05	8.17E-11	3.15E-01	1.41E-01	1.05E-01	2.82E-06	5.22E-07	3.71E-05	8.90E-07	3.73E-05	3.33E-05	2.19E-05	1.50E-04	3.72E-05	1.48E-04	3.54E-06	7.04E-06	2.04E-06	4.82E-06
357.45	6369.201	Grid Location	1.33E-01	4.90E-02	1.47E+00	2.53E+00	2.71E-01	7.53E-01	2.26E-05	1.22E-10	4.21E-01	1.63E-01	1.40E-01	3.30E-06	6.16E-07	4.33E-05	1.04E-06	4.35E-05	3.93E-05	3.47E-05	1.77E-04	4.34E-05	1.73E-04	4.29E-06	8.22E-06	2.38E-06	5.62E-06
357.5	6369.201	Grid Location	1.60E-01	6.23E-02	1.88E+00	3.11E+00	2.53E-01	9.07E-01	3.86E-05	1.89E-10	5.74E-01	1.62E-01	2.28E-01	3.03E-06	5.75E-07	3.92E-05	9.37E-07	3.96E-05	3.68E-05	5.64E-05	1.62E-04	3.93E-05	1.57E-04	4.34E-06	7.42E-06	2.15E-06	5.08E-06
357.55	6369.201	Grid Location	1.69E-01	6.91E-02	2.22E+00	3.41E+00	2.36E-01	8.96E-01	5.19E-05	2.41E-10	7.13E-01	1.60E-01	3.43E-01	2.69E-06	5.22E-07	3.44E-05	8.20E-07	3.49E-05	3.35E-05	7.44E-05	1.45E-04	3.45E-05	1.37E-04	4.26E-06	6.49E-06	1.88E-06	4.44E-06
357.6	6369.201	Grid Location	1.78E-01	7.48E-02	2.51E+00	3.74E+00	2.31E-01	8.92E-01	6.56E-05	2.98E-10	8.47E-01	1.67E-01	4.23E-01	2.54E-06	5.01E-07	3.19E-05	7.59E-07	3.25E-05	3.23E-05	9.31E-05	1.37E-04	3.21E-05	1.27E-04	4.39E-06	6.01E-06	1.74E-06	4.11E-06
357.65	6369.201	Grid Location	1.91E-01	8.20E-02	2.83E+00	4.04E+00	2.38E-01	8.95E-01	7.72E-05	3.51E-10	9.91E-01	1.80E-01	5.26E-01	2.59E-06	5.17E-07	3.22E-05	7.65E-07	3.29E-05	3.34E-05	1.09E-04	1.40E-04	3.24E-05	1.29E-04	4.71E-06	6.06E-06	1.75E-06	4.15E-06
357.7	6369.201	Grid Location	2.03E-01	8.78E-02	3.13E+00	4.29E+00	2.55E-01	8.80E-01	8.57E-05	3.93E-10	1.11E+00	1.96E-01	6.17E-01	2.81E-06	5.63E-07	3.50E-05	8.31E-07	3.58E-05	3.64E-05	1.22E-04	1.52E-04	3.52E-05	1.40E-04	5.16E-06	6.57E-06	1.90E-06	4.50E-06
357.75	6369.201	Grid Location	2.07E-01	8.99E-02	3.28E+00	4.41E+00	2.68E-01	8.34E-01	9.39E-05	4.33E-10	1.21E+00	2.10E-01	6.74E-01	3.03E-06	6.06E-07	3.76E-05	8.92E-07	3.84E-05	3.92E-05	1.33E-04	1.64E-04	3.78E-05	1.50E-04	5.60E-06	7.06E-06	2.04E-06	4.83E-06
357.8	6369.201	Grid Location	2.13E-01	9.18E-02	3.43E+00	4.68E+00	2.96E-01	7.96E-01	1.11E-04	5.06E-10	1.36E+00	2.38E-01	7.12E-01	3.44E-06	6.92E-07	4.26E-05	1.01E-06	4.36E-05	4.48E-05	1.58E-04	1.86E-04	4.28E-05	1.70E-04	6.46E-06	8.00E-06	2.31E-06	5.47E-06
357.85	6369.201	Grid Location	2.26E-01	9.64E-02	3.66E+00	5.14E+00	3.36E-01	7.85E-01	1.37E-04	6.15E-10	1.57E+00	2.78E-01	7.61E-01	4.03E-06	8.14E-07	4.96E-05	1.18E-06	5.09E-05	5.27E-05	1.95E-04	2.18E-04	4.99E-05	1.98E-04	7.73E-06	9.31E-06	2.69E-06	6.37E-06
357.9	6369.201	Grid Location	2.33E-01	9.92E-02	3.80E+00	5.51E+00	3.59E-01	7.63E-01	1.67E-04	7.36E-10	1.79E+00	3.11E-01	7.95E-01	4.42E-06	9.03E-07	5.39E-05	1.28E-06	5.55E-05	5.86E-05	2.38E-04	2.40E-04	5.42E-05	2.15E-04	8.88E-06	1.01E-05	2.92E-06	6.91E-06
357.95	6369.201	Grid Location	2.32E-01	9.89E-02	3.80E+00	5.67E+00	3.64E-01	7.25E-01	1.92E-04	8.29E-10	1.94E+00	3.31E-01	8.03E-01	4.58E-06	9.47E-07	5.52E-05	1.31E-06	5.70E-05	6.16E-05	2.74E-04	2.49E-04	5.56E-05	2.20E-04	9.65E-06	1.03E-05	2.99E-06	7.07E-06
358	6369.201	Grid Location	2.21E-01	9.44E-02	3.63E+00	5.54E+00	3.53E-01	6.66E-01	2.03E-04	8.61E-10	1.97E+00	3.31E-01	7.71E-01	4.49E-06	9.39E-07	5.38E-05	1.27E-06	5.57E-05	6.12E-05	2.90E-04	2.45E-04	5.42E-05	2.14E-04	9.81E-06	1.01E-05	2.91E-06	6.88E-06
356.5	6369.25	Grid Location	1.87E-01	8.18E-02	3.71E+00	5.31E+00	3.37E-01	6.49E-01	1.80E-04	8.49E-10	1.97E+00	3.28E-01	8.24E-01	3.67E-06	7.72E-07	4.37E-05	1.03E-06	4.53E-05	5.04E-05	2.50E-04	2.00E-04	4.40E-05	1.74E-04	8.23E-06	8.15E-06	2.36E-06	5.57E-06
356.55	6369.25	Grid Location	1.96E-01	8.64E-02	3.88E+00	5.44E+00	3.40E-01	6.96E-01	1.78E-04	8.45E-10	2.00E+00	3.30E-01	8.70E-01	3.70E-06	7.77E-07	4.41E-05	1.04E-06	4.58E-05	5.07E-05	2.48E-04	2.02E-04	4.45E-05	1.76E-04	8.23E-06	8.24E-06	2.39E-06	5.64E-06
356.6	6369.25	Grid Location	2.02E-01	8.96E-02	3.99E+00	5.49E+00	3.38E-01	7.32E-01	1.75E-04	8.33E-10	1.99E+00	3.26E-01	9.00E-01	3.68E-06	7.70E-07	4.39E-05	1.03E-06	4.55E-05	5.02E-05	2.44E-04	2.00E-04	4.42E-05	1.75E-04	8.13E-06	8.19E-06	2.37E-06	5.60E-06
356.65	6369.25	Grid Location	2.07E-01	9.22E-02	4.05E+00	5.46E+00	3.27E-01	7.70E-01	1.70E-04	8.08E-10	1.96E+00	3.16E-01	9.22E-01	3.55E-06	7.44E-07	4.23E-05	9.98E-07	4.39E-05	4.85E-05	2.36E-04	1.93E-04	4.27E-05	1.69E-04	7.85E-06	7.90E-06	2.29E-06	5.41E-06
356.7	6369.25	Grid Location	2.09E-01	9.45E-02	4.09E+00	5.34E+00	3.07E-01	8.10E-01	1.59E-04	7.63E-10	1.90E+00	2.98E-01	9.44E-01	3.32E-06	6.97E-07	3.96E-05	9.35E-07	4.11E-05	4.55E-05	2.22E-04	1.81E-04	4.00E-05	1.58E-04	7.37E-06	7.40E-06	2.14E-06	5.06E-06
356.75	6369.25	Grid Location	2.11E-01	9.65E-02	4.11E+00	5.18E+00	2.88E-01	8.55E-01	1.45E-04	7.00E-10	1.80E+00	2.77E-01	9.62E-01	3.09E-06	6.47E-07	3.70E-05	8.72E-07	3.83E-05	4.22E-05	2.02E-04	1.68E-04	3.73E-05	1.47E-04	6.79E-06	6.91E-06	2.00E-06	4.72E-06
356.8	6369.25	Grid Location	2.17E-01	1.00E-01	4.19E+00	5.07E+00	2.76E-01	9.18E-01	1.29E-04	6.27E-10	1.70E+00	2.58E-01	9.89E-01	2.94E-06	6.11E-07	3.54E-05	8.37E-07	3.66E-05	3.97E-05	1.80E-04	1.60E-04	3.57E-05	1.41E-04	6.26E-06	6.63E-06	1.92E-06	4.54E-06
356.85	6369.25	Grid Location	2.23E-01	1.04E-01	4.25E+00	4.92E+00	2.55E-01	9.80E-01	1.15E-04	5.60E-10	1.60E+00	2.34E-01	1.02E+00	2.70E-06	5.58E-07	3.26E-05	7.70E-07	3.37E-05	3.63E-05	1.60E-04	1.47E-04	3.28E-05	1.30E-04	5.66E-06	6.10E-06	1.77E-06	4.17E-06
356.9	6369.25	Grid Location	2.20E-01	1.04E-01	4.13E+00	4.62E+00	2.20E-01	1.02E+00	1.02E-04	4.99E-10	1.48E+00	2.04E-01	1.01E+00	2.30E-06	4.77E-07	2.76E-05	6.53E-07	2.86E-05	3.11E-05	1.42E-04	1.25E-04	2.79E-05	1.10E-04	4.92E-06	5.17E-06	1.50E-06	3.54E-06
356.95	6369.25	Grid Location	2.05E-01	9.76E-02	3.78E+00	4.14E+00	2.01E-01	1.00E+00	8.40E-05	4.15E-10	1.29E+00	1.79E-01	9.20E-01	2.07E-06	4.26E-07	2.51E-05	5.94E-07	2.59E-05	2.76E-05	1.17E-04	1.12E-04	2.53E-05	1.00E-04	4.25E-06	4.71E-06	1.36E-06	3.22E-06
357	6369.25	Grid Location	1.80E-01	8.52E-02	3.22E+00	3.60E+00	1.91E-01	9.30E-01	7.14E-05	3.56E-10	1.11E+00	1.63E-01	7.69E-01	1.94E-06	3.95E-07	2.38E-05	5.64E-07	2.45E-05	2.56E-05	9.99E-05	1.05E-04	2.39E-05	9.49E-05	3.82E-06	4.46E-06	1.29E-06	3.05E-06

357.05	6369.25	Grid Location	1.55E-01	7.19E-02	2.66E+00	3.10E+00	1.94E-01	8.60E-01	5.75E-05	2.91E-10	9.07E-01	1.53E-01	6.04E-01	1.95E-06	3.88E-07	2.43E-05	5.77E-07	2.48E-05	2.51E-05	8.10E-05	1.05E-04	2.44E-05	9.69E-05	3.52E-06	4.57E-06	1.32E-06	3.12E-06
357.1	6369.25	Grid Location	1.34E-01	6.16E-02	2.24E+00	2.64E+00	1.82E-01	7.85E-01	4.50E-05	2.31E-10	7.42E-01	1.36E-01	4.93E-01	1.79E-06	3.52E-07	2.25E-05	5.36E-07	2.29E-05	2.27E-05	6.36E-05	9.64E-05	2.26E-05	8.99E-05	3.06E-06	4.24E-06	1.23E-06	2.90E-06
357.15	6369.25	Grid Location	8.35E-02	3.79E-02	1.42E+00	1.84E+00	1.24E-01	5.24E-01	3.69E-05	1.94E-10	5.41E-01	9.84E-02	2.98E-01	1.18E-06	2.36E-07	1.46E-05	3.47E-07	1.50E-05	1.53E-05	5.21E-05	6.37E-05	1.47E-05	5.83E-05	2.18E-06	2.75E-06	7.96E-07	1.88E-06
357.2	6369.25	Grid Location	3.24E-02	1.47E-02	6.82E-01	1.00E+00	5.15E-02	2.19E-01	2.33E-05	1.30E-10	3.11E-01	4.81E-02	1.36E-01	3.98E-07	8.61E-08	4.62E-06	1.08E-07	4.84E-06	5.64E-06	3.27E-05	2.18E-05	4.67E-06	1.84E-05	9.83E-07	8.59E-07	2.49E-07	5.88E-07
357.25	6369.25	Grid Location	1.40E-02	6.24E-03	3.88E-01	5.42E-01	3.52E-02	8.68E-02	1.10E-05	6.94E-11	1.73E-01	2.85E-02	8.27E-02	2.28E-07	4.79E-08	2.71E-06	6.38E-08	2.81E-06	3.13E-06	1.56E-05	1.24E-05	2.73E-06	1.08E-05	5.12E-07	5.05E-07	1.46E-07	3.46E-07
357.3	6369.25	Grid Location	1.23E-02	4.93E-03	3.52E-01	4.84E-01	4.18E-02	7.67E-02	6.12E-06	4.37E-11	1.28E-01	2.73E-02	6.91E-02	2.81E-07	5.50E-08	3.56E-06	8.49E-08	3.62E-06	3.54E-06	9.02E-06	1.52E-05	3.58E-06	1.42E-05	4.65E-07	6.72E-07	1.95E-07	4.60E-07
357.35	6369.25	Grid Location	2.58E-02	7.99E-03	5.22E-01	7.83E-01	9.86E-02	1.05E-01	5.67E-06	4.11E-11	1.55E-01	5.72E-02	7.43E-02	1.01E-06	1.88E-07	1.33E-05	3.19E-07	1.34E-05	1.20E-05	9.15E-06	5.40E-05	1.33E-05	5.32E-05	1.29E-06	2.52E-06	7.30E-07	1.73E-06
357.4	6369.25	Grid Location	6.04E-02	1.62E-02	9.72E-01	1.62E+00	2.13E-01	2.12E-01	7.01E-06	4.81E-11	2.36E-01	1.18E-01	8.93E-02	2.58E-06	4.75E-07	3.41E-05	8.18E-07	3.42E-05	3.02E-05	1.26E-05	1.38E-04	3.41E-05	1.36E-04	3.12E-06	6.48E-06	1.88E-06	4.43E-06
357.45	6369.25	Grid Location	8.62E-02	3.03E-02	1.18E+00	1.94E+00	2.07E-01	4.08E-01	1.41E-05	8.18E-11	3.14E-01	1.20E-01	1.30E-01	2.38E-06	4.43E-07	3.13E-05	7.50E-07	3.14E-05	2.82E-05	2.22E-05	1.27E-04	3.13E-05	1.25E-04	3.05E-06	5.94E-06	1.72E-06	4.06E-06
357.5	6369.25	Grid Location	1.13E-01	4.57E-02	1.45E+00	2.22E+00	1.82E-01	5.66E-01	2.71E-05	1.37E-10	4.38E-01	1.16E-01	2.11E-01	2.08E-06	3.96E-07	2.70E-05	6.44E-07	2.72E-05	2.53E-05	3.95E-05	1.12E-04	2.70E-05	1.08E-04	3.00E-06	5.10E-06	1.48E-06	3.49E-06
357.55	6369.25	Grid Location	1.33E-01	5.70E-02	1.77E+00	2.50E+00	1.77E-01	6.41E-01	3.75E-05	1.80E-10	5.60E-01	1.21E-01	3.09E-01	2.04E-06	3.93E-07	2.60E-05	6.21E-07	2.64E-05	2.52E-05	5.37E-05	1.09E-04	2.61E-05	1.04E-04	3.18E-06	4.91E-06	1.42E-06	3.36E-06
357.6	6369.25	Grid Location	1.45E-01	6.26E-02	2.02E+00	2.79E+00	1.82E-01	6.67E-01	4.27E-05	2.04E-10	6.38E-01	1.27E-01	3.73E-01	2.04E-06	3.97E-07	2.60E-05	6.19E-07	2.64E-05	2.56E-05	6.09E-05	1.10E-04	2.61E-05	1.04E-04	3.30E-06	4.90E-06	1.42E-06	3.35E-06
357.65	6369.25	Grid Location	1.58E-01	6.92E-02	2.34E+00	3.14E+00	1.92E-01	7.04E-01	5.20E-05	2.48E-10	7.60E-01	1.40E-01	4.54E-01	2.14E-06	4.20E-07	2.70E-05	6.42E-07	2.75E-05	2.71E-05	7.40E-05	1.15E-04	2.71E-05	1.08E-04	3.62E-06	5.08E-06	1.47E-06	3.48E-06
357.7	6369.25	Grid Location	1.72E-01	7.54E-02	2.64E+00	3.48E+00	2.13E-01	7.28E-01	6.22E-05	2.97E-10	8.91E-01	1.59E-01	5.34E-01	2.38E-06	4.70E-07	2.99E-05	7.10E-07	3.05E-05	3.03E-05	8.85E-05	1.28E-04	3.00E-05	1.19E-04	4.13E-06	5.62E-06	1.63E-06	3.85E-06
357.75	6369.25	Grid Location	1.79E-01	7.87E-02	2.83E+00	3.68E+00	2.28E-01	7.17E-01	7.16E-05	3.41E-10	9.98E-01	1.75E-01	5.91E-01	2.57E-06	5.11E-07	3.22E-05	7.65E-07	3.28E-05	3.30E-05	1.02E-04	1.39E-04	3.23E-05	1.28E-04	4.57E-06	6.05E-06	1.75E-06	4.14E-06
357.8	6369.25	Grid Location	1.83E-01	8.01E-02	2.95E+00	3.91E+00	2.48E-01	6.94E-01	8.69E-05	4.06E-10	1.13E+00	1.97E-01	6.23E-01	2.84E-06	5.69E-07	3.53E-05	8.38E-07	3.61E-05	3.68E-05	1.24E-04	1.54E-04	3.55E-05	1.41E-04	5.23E-06	6.64E-06	1.92E-06	4.54E-06
357.85	6369.25	Grid Location	1.90E-01	8.25E-02	3.10E+00	4.23E+00	2.78E-01	6.82E-01	1.06E-04	4.87E-10	1.28E+00	2.26E-01	6.55E-01	3.23E-06	6.50E-07	3.99E-05	9.46E-07	4.09E-05	4.21E-05	1.51E-04	1.75E-04	4.01E-05	1.59E-04	6.11E-06	7.49E-06	2.17E-06	5.13E-06
357.9	6369.25	Grid Location	1.94E-01	8.40E-02	3.21E+00	4.53E+00	2.97E-01	6.65E-01	1.28E-04	5.81E-10	1.45E+00	2.53E-01	6.80E-01	3.50E-06	7.12E-07	4.28E-05	1.01E-06	4.40E-05	4.62E-05	1.82E-04	1.89E-04	4.31E-05	1.71E-04	6.92E-06	8.02E-06	2.32E-06	5.49E-06
357.95	6369.25	Grid Location	1.93E-01	8.33E-02	3.22E+00	4.67E+00	3.02E-01	6.36E-01	1.48E-04	6.60E-10	1.58E+00	2.70E-01	6.86E-01	3.60E-06	7.43E-07	4.36E-05	1.03E-06	4.50E-05	4.83E-05	2.10E-04	1.96E-04	4.39E-05	1.74E-04	7.49E-06	8.16E-06	2.36E-06	5.58E-06
358	6369.25	Grid Location	1.87E-01	8.07E-02	3.15E+00	4.68E+00	3.00E-01	5.97E-01	1.60E-04	7.07E-10	1.64E+00	2.77E-01	6.72E-01	3.61E-06	7.52E-07	4.34E-05	1.02E-06	4.49E-05	4.90E-05	2.27E-04	1.96E-04	4.37E-05	1.73E-04	7.79E-06	8.11E-06	2.35E-06	5.55E-06
356.5	6369.3	Grid Location	1.89E-01	8.12E-02	3.75E+00	5.58E+00	3.57E-01	6.62E-01	1.91E-04	9.03E-10	2.06E+00	3.49E-01	8.07E-01	3.88E-06	8.16E-07	4.61E-05	1.09E-06	4.78E-05	5.32E-05	2.66E-04	2.11E-04	4.64E-05	1.83E-04	8.72E-06	8.60E-06	2.49E-06	5.88E-06
356.55	6369.3	Grid Location	1.98E-01	8.54E-02	3.92E+00	5.71E+00	3.60E-01	7.09E-01	1.90E-04	9.00E-10	2.08E+00	3.50E-01	8.49E-01	3.91E-06	8.21E-07	4.65E-05	1.10E-06	4.83E-05	5.36E-05	2.64E-04	2.13E-04	4.69E-05	1.85E-04	8.72E-06	8.69E-06	2.51E-06	5.94E-06
356.6	6369.3	Grid Location	2.04E-01	8.83E-02	4.02E+00	5.76E+00	3.58E-01	7.45E-01	1.87E-04	8.89E-10	2.08E+00	3.47E-01	8.75E-01	3.88E-06	8.15E-07	4.63E-05	1.09E-06	4.80E-05	5.32E-05	2.60E-04	2.12E-04	4.67E-05	1.84E-04	8.63E-06	8.65E-06	2.50E-06	5.92E-06
356.65	6369.3	Grid Location	2.08E-01	9.09E-02	4.09E+00	5.76E+00	3.48E-01	7.87E-01	1.82E-04	8.65E-10	2.05E+00	3.38E-01	8.96E-01	3.78E-06	7.93E-07	4.50E-05	1.06E-06	4.67E-05	5.17E-05	2.53E-04	2.06E-04	4.54E-05	1.79E-04	8.39E-06	8.41E-06	2.43E-06	5.75E-06
356.7	6369.3	Grid Location	2.12E-01	9.38E-02	4.15E+00	5.70E+00	3.32E-01	8.36E-01	1.73E-04	8.26E-10	2.00E+00	3.23E-01	9.21E-01	3.59E-06	7.54E-07	4.28E-05	1.01E-06	4.44E-05	4.92E-05	2.40E-04	1.96E-04	4.32E-05	1.71E-04	7.98E-06	8.00E-06	2.31E-06	5.47E-06
356.75	6369.3	Grid Location	2.14E-01	9.54E-02	4.17E+00	5.53E+00	3.13E-01	8.83E-01	1.58E-04	7.57E-10	1.89E+00	3.01E-01	9.31E-01	3.36E-06	7.02E-07	4.01E-05	9.47E-07	4.16E-05	4.57E-05	2.19E-04	1.83E-04	4.04E-05	1.60E-04	7.36E-06	7.50E-06	2.17E-06	5.13E-06
356.8	6369.3	Grid Location	2.19E-01	9.81E-02	4.22E+00	5.41E+00	3.00E-01	9.45E-01	1.40E-04	6.78E-10	1.77E+00	2.79E-01	9.47E-01	3.19E-06	6.62E-07	3.84E-05	9.08E-07	3.97E-05	4.31E-05	1.95E-04	1.73E-04	3.87E-05	1.53E-04	6.79E-06	7.19E-06	2.08E-06	4.92E-06
356.85	6369.3	Grid Location	2.22E-01	1.01E-01	4.22E+00	5.22E+00	2.74E-01	1.00E+00	1.25E-04	6.05E-10	1.65E+00	2.52E-01	9.61E-01	2.90E-06	6.00E-07	3.50E-05	8.27E-07	3.62E-05	3.90E-05	1.74E-04	1.58E-04	3.53E-05	1.39E-04	6.11E-06	6.55E-06	1.90E-06	4.48E-06
356.9	6369.3	Grid Location	2.19E-01	1.01E-01	4.11E+00	4.92E+00	2.40E-01	1.04E+00	1.10E-04	5.37E-10	1.52E+00	2.22E-01	9.48E-01	2.52E-06	5.22E-07	3.03E-05	7.16E-07	3.13E-05	3.40E-05	1.54E-04	1.37E-04	3.05E-05	1.21E-04	5.35E-06	5.67E-06	1.64E-06	3.88E-06
356.95	6369.3	Grid Location	2.06E-01	9.49E-02	3.80E+00	4.49E+00	2.28E-01	1.03E+00	9.21E-05	4.52E-10	1.34E+00	2.00E-01	8.70E-01	2.36E-06	4.82E-07	2.87E-05	6.80E-07	2.96E-05	3.13E-05	1.29E-04	1.28E-04	2.89E-05	1.14E-04	4.76E-06	5.38E-06	1.56E-06	3.68E-06
357	6369.3	Grid Location	1.83E-01	8.33E-02	3.28E+00	3.95E+00	2.23E-01	9.57E-01	7.82E-05	3.87E-10	1.15E+00	1.86E-01	7.30E-01	2.28E-06	4.61E-07	2.81E-05	6.67E-07	2.89E-05	2.99E-05	1.10E-04	1.24E-04	2.83E-05	1.12E-04	4.36E-06	5.28E-06	1.53E-06	3.61E-06
357.05	6369.3	Grid Location	1.58E-01	6.95E-02	2.71E+00	3.42E+00	2.30E-01	8.75E-01	6.11E-05	3.06E-10	9.30E-01	1.75E-01	5.63E-01	2.32E-06	4.57E-07	2.91E-05	6.91E-07	2.96E-05	2.95E-05	8.62E-05	1.25E-04	2.92E-05	1.16E-04	4.02E-06	5.47E-06	1.58E-06	3.75E-06
357.1	6369.3	Grid Location	1.35E-01	5.94E-02	2.24E+00	2.84E+00	2.10E-01	7.96E-01	4.79E-05	2.44E-10	7.58E-01	1.53E-01	4.56E-01	2.07E-06	4.05E-07	2.62E-05	6.23E-07	2.66E-05	2.61E-05	6.78E-05	1.11E-04	2.63E-05	1.04E-04	3.44E-06	4.93E-06	1.43E-06	3.38E-06
357.15	6369.3	Grid Location	8.16E-02	3.76E-02	1.42E+00	1.82E+00	1.07E-01	5.28E-01	3.68E-05	1.93E-10	5.36E-01	8.87E-02	3.05E-01	9.80E-07	2.00E-07	1.20E-05	2.84E-07	1.23E-05	1.30E-05	5.17E-05	5.31E-05	1.21E-05	4.78E-05	1.95E-06	2.25E-06	6.50E-07	1.54E-06
357.2	6369.3	Grid Location	3.34E-02	1.62E-02	6.82E-01	8.57E-01	4.52E-02	2.20E-01	1.93E-05	1.09E-10	2.85E-01	4.06E-02	1.58E-01	3.37E-07	7.25E-08	3.92E-06	9.20E-08	4.10E-06	4.75E-06	2.71E-05	1.84E-05	3.96E-06	1.56E-05	8.22E-07	7.28E-07	2.11E-07	4.98E-07
357.25	6369.3	Grid Location	1.42E-02	7.06E-03	3.78E-01	4.28E-01	2.73E-02	8.37E-02	7.33E-06	4.90E-11	1.43E-01	2.03E-02	9.51E-02	1.49E-07	3.15E-08	1.77E-06	4.16E-08	1.84E-06	2.06E-06	1.05E-05	8.13E-06	1.78E-06	7.03E-06	3.40E-07	3.29E-07	9.54E-08	2.25E-07
357.3	6369.3	Grid Location	1.11E-02	5.08E-03	3.22E-01	3.84E-01	3.09E-02	7.05E-02	4.25E-06	3.27E-11	1.07E-01	1.90E-02	7.41E-02	1.76E-07	3.47E-08	2.22E-06	5.28E-08	2.26E-06	2.24E-06	6.32E-06	9.50E-06	2.23E-06	8.85E-06	3.02E-07	4.18E-07	1.21E-07	2.86E-07
357.35	6369.3	Grid Location	1.43E-02	5.40E-03	3.70E-01	4.82E-01	5.05E-02	7.58E-02	4.12E-06	3.21E-11	1.15E-01	2.92E-02	7.25E-02	4.01E-07	7.58E-08	5.23E-06	1.25E-07	5.27E-06	4.85E-06	6.37E-06	2.15E-05	5.23E-06	2.09E-05	5.57E-07	9.89E-07	2.86E-07	6.77E-07
357.4	6369.3	Grid Location	3.62E-02	1.11E-02	6.11E-01	8.87E-01	1.17E-01	1.33E-01	4.34E-06	3.35E-11	1.60E-01	6.60E-02	8.65E-02	1.42E-06	2.63E-07	1.89E-05	4.52E-07	1.89E-05	1.67E-05	7.73E-06	7.61E-05	1.89E-05	7.54E-05	1.74E-06	3.58E-06	1.04E-06	2.45E-06
357.45	6369.3	Grid Location	6.67E-02	2.37E-02	8.81E-01	1.30E+00	1.50E-01	3.08E-01	6.65E-06	4.52E-11	2.18E-01	8.56E-02	1.20E-01	1.89E-06	3.50E-07	2.50E-05	6.00E-07	2.51E-05	2.22E-05	1.14E-05	1.01E-04	2.50E-05	1.00E-04	2.32E-06	4.75E-06	1.38E-06	3.25E-06
357.5	6369.3	Grid Location	8.97E-02	3.56E-02	1.14E+00	1.58E+00	1.49E-01	4.50E-01	1.35E-05	7.68E-11	3.07E-01	9.03E-02	1.86E-01	1.88E-06	3.52E-07	2.47E-05	5.92E-07	2.48E-05	2.24E-05	2.07E-05	1.01E-04	2.47E-05	9.88E-05	2.47E-06	4.68E-06	1.36E-06	3.21E-06
357.55	6369.3	Grid Location	1.09E-01	4.57E-02	1.41E+00	1.87E+00	1.45E-01	5.26E-01	2.23E-05	1.15E-10	4.09E-01	9.47E-02	2.60E-01	1.82E-06	3.44E-07	2.36E-05	5.63E-07	2.38E-05	2.20E-05	3.27E-05	9.74E-05	2.36E-05	9.41E-05	2.58E-06	4.46E-06	1.29E-06	3.05E-06
357.6	6369.3	Grid Location	1.24E-01	5.37E-02	1.69E+00	2.16E+00	1.51E-01	5.62E-01	2.82E-05	1.40E-10	4.93E-01	1.02E-01	3.31E-01	1.83E-06	3.51E-07	2.36E-05	5.63E-07	2.38E-05	2.25E-05	4.10E-05	9.83E-05	2.36E-05	9.42E-05	2.74E-06	4.46E-06	1.29E-06	3.05E-06
357.65	6369.3	Grid Location	1.42E-01	6.30E-02	2.05E+00	2.56E+00	1.65E-01	6.15E-01	3.80E-05	1.83E-10	6.22E-01	1.16E-01	4.22E-01	1.97E-06	3.81E-07	2.51E-05	5.98E-07	2.54E-05	2.45E-05	5.50E-05	1.06E-04	2.52E-05	1.00E-04	3.12E-06	4.73E-06	1.37E-06	3.24E-06
357.7	6369.3	Grid Location	1.55E-01	6.91E-02	2.34E+00	2.91E+00	1.84E-01	6.39E-01	4.81E-05	2.29E-10	7.44E-01	1.34E-01	4.93E-01	2.16E-06	4.23E-07	2.74E-05	6.52E-07	2.78E-05	2.72E-05	6.93E-05	1.16E-04	2.75E-05	1.09E-04	3.57E-06	5.16E-06	1.50E-06	3.53E-06
357.75	6369.3	Grid Location	1.64E-01	7.32E-02	2.55E+00	3.17E+00	2.00E-01	6.44E-01	5.83E-05	2.75E-10	8.54E-01	1.50E-01	5.49E-01	2.34E-06	4.62E-07	2.95E-05	7.02E-07	3.01E-05	2.98E-05	8.39E-05	1.26E-04	2.96E-05	1.18E-04	4.02E-06	5.56E-06	1.61E-06	3.80E-06
357.8	6369.3	Grid Location	1.67E-01	7.41E-02	2.65E+00	3.37E+00	2.16E-01	6.25E-01	7.16E-05	3.32E-10	9.63E-01	1.68E-01	5.72E-01	2.54E-06	5.06E-07	3.18E-05	7.55E-07	3.24E-05	3.27E-05	1.03E-04	1.37E-04	3.19E-05	1.27E-04	4.55E-06	5.98E-06	1.73E-06	4.09E-06
357.85	6369.3	Grid Location	1.72E-01	7.57E-02	2.77E+00	3.64E+00	2.41E-01	6.13E-01	8.70E-05	3.98E-10	1.09E+00	1.92E-01	5.96E-01	2.84E-06	5.69E-07	3.53E-05	8.38E-07	3.61E-05	3.68E-05	1.25E-04	1.54E-04	3.55E-05	1.41E-04	5.24E-06	6.63E-06	1.92E-06	4.54E-06
357.9	6369.3	Grid Location	1.73E-01	7.57E-02	2.83E+00	3.86E+00	2.55E-01	5.93E-01	1.03E-04	4.70E-10	1.22E+00	2.13E-01	6.09E-01	3.03E-06	6.13E-07	3.73E-05	8.84E-07	3.82E-05	3.97E-05	1.48E-04	1.64E-04	3.75E-05	1.49E-04	5.83E-06	6.99E-06	2.02E-06	4.79E-06
357.95	6369.3	Grid Location	1.72E-01	7.48E-02	2.85E+00	4.02E+00	2.62E-01	5.70E-01	1.20E-04	5.41E-10	1.33E+00	2.29E-01	6.13E-01	3.12E-06	6.40E-07	3.80E-05	9.00E-07	3.92E-05	4.15E-05	1.71E-04	1.69E-04	3.83E-05	1.52E-04	6.32E-06	7.13E-06	2.06E-06	4.88E-06
358	6369.3	Grid Location	1.67E-01	7.29E-02	2.81E+00	4.08E+00	2.63E-01	5.42E-01	1.33E-04	5.94E-10	1.41E+00	2.39E-01	6.06E-01	3.16E-06	6.55E-07	3.82E-05	9.03E-07	3.95E-05	4.26E-05	1.89E-04	1.72E-04	3.85E-05	1.52E-04	6.66E-06	7.15E-06	2.07E-06	4.89E-06
356.5	6369.351	Grid Location	1.89E-01	7.96E-02	3.76E+00	5.80E+00	3.73E-01	6.61E-01	2.03E-04	9.57E-10	2.14E+00	3.67E-01	7.85E-01	4.04E-06	8.52E-07	4.79E-05	1.13E-06	4.98E-05	5.56E-05	2.82E-04	2.20E-04	4.83E-05	1.91E-04	9.15E-06	8.94E-06	2.59E-06	6.11E-06
356.55	6369.351	Grid Location	1.96E-01	8.30E-02	3.89E+00	5.90E+00	3.74E-01	7.02E-01	2.01E-04	9.53E-10	2.16E+00	3.67E-01	8.18E-01	4.05E-06	8.52E-07	4.80E-05	1.13E-06	4.99E-05	5.56E-05	2.79E-04	2.20E-04	4.85E-05	1.91E-04	9.12E-06	8.97E-06	2.60E-06	6.14E-06
356.6	6369.351	Grid Location	1.99E-01	8.49E-02	3.96E+00	5.91E+00	3.68E-01	7.29E-01	1.97E-04	9.35E-10	2.14E+00	3.61E-01	8.36E-01	3.98E-06	8.39E-07	4.74E-05	1.12E-06	4.92E-05	5.47E-05	2.73E-04	2.17E-04	4.78E-05	1.89E-04	8.96E-06	8.84E-06	2.56E-06	6.05E-06
356.65	6369.351	Grid Location	2.02E-01	8.68E-02	4.01E+00	5.89E+00	3.58E-01	7.65E-01	1.91E-04	9.09E-10	2.10E+00	3.52E-01	8.51E-01	3.87E-06	8.14E-07	4.60E-05	1.08E-06	4.77E-05	5.31E-05	2.65E-04	2.11E-04	4.63E-05	1.83E-04	8.69E-06	8.58E-06	2.48E-06	5.87E-06
356.7	6369.351	Grid Location	2.06E-01	8.94E-02	4.08E+00	5.85E+00	3.43E-01	8.12E-01	1.82E-04	8.72E-10	2.05E+00	3.38E-01	8.72E-01	3.70E-06	7.78E-07	4.40E-05	1.04E-06	4.57E-05	5.08E-05	2.53E-04	2.01E-04	4.43E-05	1.75E-04	8.31E-06	8.21E-06	2.38E-06	5.61E-06
356.75	6369.351	Grid Location	2.09E-01	9.13E-02	4.11E+00	5.74E+00	3.27E-01	8.60E-01	1.68E-04	8.10E-10	1.96E+00	3.18E-01	8.85E-01	3.50E-06	7.34E-07	4.17E-05	9.85E-07	4.33E-05	4.79E-05	2.34E-04	1.91E-04	4.21E-05	1.66E-04	7.77E-06	7.80E-06	2.26E-06	5.33E-06
356.8	6369.351	Grid Location	2.12E-01	9.28E-02	4.13E+00	5.60E+00	3.12E-01	9.12E-01	1.50E-04	7.26E-10	1.82E+00	2.95E-01	8.89E-01	3.31E-06	6.90E-07	3.98E-05	9.40E-07	4.12E-05	4.49E-05	2.08E-04	1.80E-04	4.01E-05	1.59E-04	7.14E-06	7.44E-06	2.15E-06	5.09E-06
356.85	6369.351	Grid Location	2.12E-01	9.39E-02	4.10E+00	5.37E+00	2.84E-01	9.55E-01	1.33E-04	6.46E-10	1.69E+00	2.65E-01	8.91E-01	2.99E-06	6.21E-07	3.60E-05	8.49E-07	3.72E-05	4.04E-05	1.85E-04	1.62E-04	3.62E-05	1.43E-04	6.39E-06	6.72E-06	1.95E-06	4.60E-06
356.9	6369.351	Grid Location	2.08E-01	9.38E-02	3.99E+00	5.07E+00	2.51E-01	9.91E-01	1.18E-04	5.75E-10	1.55E+00	2.34E-01	8.79E-01	2.62E-06	5.44E-07	3.14E-05	7.42E-07	3.25E-05	3.54E-05	1.64E-04	1.42E-04	3.17E-05	1.25E-04	5.63E-06	5.88E-06	1.70E-06	4.02E-06
356.95	6369.351	Grid Location	1.98E-01	8.90E-02	3.74E+00	4.69E+00	2.40E-01	9.76E-01	1.00E-04	4.92E-10	1.38E+00	2.13E-01	8.18E-01	2.47E-06	5.07E-07	3.00E-05	7.09E-07	3.09E-05	3.30E-05	1.40E-04	1.34E-04	3.02E-05	1.19E-04	5.06E-06	5.61E-06	1.62E-06	3.84E-06
357	6369.351	Grid Location	1.78E-01	7.90E-02	3.30E+00	4.19E+00	2.36E-01	9.02E-01	8.62E-05	4.26E-10	1.21E+00	2.00E-01	7.04E-01	2.40E-06	4.88E-07	2.95E-05	7.00E-07	3.03E-05	3.16E-05	1.21E-04	1.30E-04	2.97E-05	1.18E-04	4.68E-06	5.54E-06	1.60E-06	3.79E-06
357.05	6369.351	Grid Location	1.54E-01	6.63E-02	2.80E+00	3.66E+00	2.43E-01	8.05E-01	6.83E-05	3.41E-10	9.93E-01	1.88E-01	5.61E-01	2.43E-06	4.83E-07	3.04E-05	7.24E-07	3.11E-05	3.12E-05	9.61E-05	1.31E-04	3.06E-05	1.21E-04	4.32E-06	5.73E-06	1.66E-06	3.92E-06
357.1	6369.351	Grid Location	1.32E-01	5.68E-02	2.32E+00	3.07E+00	2.23E-01	7.34E-01	5.46E-05	2.77E-10	8.17E-01	1.67E-01	4.53E-01	2.19E-06	4.31E-07	2.76E-05	6.57E-07	2.81E-05	2.78E-05	7.72E-05	1.18E-04	2.77E-05	1.10E-04	3.74E-06	5.20E-06	1.51E-06	3.56E-06
357.15	6369.351	Grid Location	9.36E-02	4.40E-02	1.70E+00	2.06E+00	1.17E-01	5.51E-01	4.17E-05	2.16E-10	6.22E-01	9.88E-02	3.81E-01	1.09E-06	2.23E-07	1.33E-05	3.15E-07	1.37E-05	1.45E-05	5.84E-05	5.91E-05	1.34E-05	5.31E-05	2.18E-06	2.49E-06	7.22E-07	1.71E-06
357.2	6369.351	Grid Location	5.57E-02	2.91E-02	9.76E-01	9.97E-01	4.74E-02	3.55E-01	2.02E-05	1.13E-10	3.47E-01	4.29E-02	2.56E-01	3.72E-07	7.95E-08	4.36E-06	1.03E-07	4.55E-06	5.20E-06	2.84E-05	2.03E-05	4.40E-06	1.74E-05	8.84E-07	8.12E-07	2.35E-07	5.56E-07
357.25	6369.351	Grid Location	2.65E-02	1.44E-02	5.16E-01	4.49E-01	2.59E-02	1.63E-01	6.19E-06	4.24E-11	1.60E-01	1.84E-02	1.47E-01	1.41E-07	2.94E-08	1.70E-06	4.01E-08	1.76E-06	1.92E-06	8.91E-06	7.69E-06	1.71E-06	6.76E-06	3.05E-07	3.17E-07	9.18E-08	2.17E-07
357.3	6369.351	Grid Location	1.59E-02	8.20E-03	3.99E-01	3.82E-01	2.68E-02	9.26E-02	3.78E-06	2.99E-11	1.18E-01	1.66E-02	1.06E-01	1.44E-07	2.85E-08	1.80E-06	4.28E-08	1.84E-06	1.84E-06	5.61E-06	7.76E-06	1.81E-06	7.18E-06	2.54E-07	3.39E-07	9.80E-08	2.32E-07
357.35	6369.351	Grid Location	1.88E-02	7.73E-03	4.09E-01	4.57E-01	4.41E-02	9.17E-02	3.83E-06	3.04E-11	1.21E-01	2.62E-02	9.35E-02	4.76E-07	8.92E-08	6.23E-06	1.49E-07	6.27E-06	5.70E-06	6.03E-06	2.55E-05	6.24E-06	2.49E-05	6.36E-07	1.18E-06	3.42E-07	8.07E-07
357.4	6369.351	Grid Location	4.76E-02	1.37E-02	6.65E-01	8.74E-01	1.22E-01	1.56E-01	3.80E-06	3.02E-11	1.69E-01	6.93E-02	1.09E-01	2.15E-06	3.95E-07	2.85E-05	6.84E-07	2.86E-05	2.51E-05	7.73E-06	1.15E-04	2.85E-05	1.14E-04	2.55E-06	5.42E-06	1.57E-06	3.71E-06
357.45	6369.351	Grid Location	7.00E-02	2.30E-02	9.38E-01	1.21E+00	1.51E-01	2.83E-01	4.47E-06	3.37E-11	2.18E-01	8.55E-02	1.56E-01	2.52E-06	4.62E-07	3.34E-05	8.01E-07	3.34E-05	2.94E-05	9.03E-06	1.34E-04	3.34E-05	1.34E-04	2.99E-06	6.34E-06	1.84E-06	4.34E-06
357.5	6369.351	Grid Location	9.12E-02	3.44E-02	1.18E+00	1.45E+00	1.48E-01	4.16E-01	8.96E-06	5.34E-11	2.87E-01	8.71E-02	2.21E-01	2.35E-06	4.35E-07	3.11E-05	7.45E-07	3.12E-05	2.77E-05	1.52E-05	1.26E-04	3.11E-05	1.24E-04	2.90E-06	5.90E-06	1.71E-06	4.04E-06
357.55	6369.351	Grid Location	1.02E-01	4.06E-02	1.35E+00	1.68E+00	1.41E-01	4.71E-01	1.77E-05	8.75E-11	3.62E-01	8.86E-02	2.58E-01	2.12E-06	3.97E-07	2.77E-05	6.63E-07	2.79E-05	2.54E-05	2.74E-05	1.13E-04	2.77E-05	1.11E-04	2.84E-06	5.25E-06	1.52E-06	3.59E-06
357.6	6369.351	Grid Location	1.13E-01	4.69E-02	1.56E+00	1.90E+00	1.41E-01	5.08E-01	2.44E-05	1.12E-10	4.35E-01	9.23E-02	3.17E-01	1.99E-06	3.78E-07	2.58E-05	6.16E-07	2.60E-05	2.42E-05	3.70E-05	1.07E-04	2.58E-05	1.03E-04	2.85E-06	4.88E-06	1.41E-06	3.34E-06
357.65	6369.351	Grid Location	1.29E-01	5.52E-02	1.87E+00	2.24E+00	1.51E-01	5.61E-01	3.32E-05	1.48E-10	5.42E-01	1.04E-01	3.94E-01	2.05E-06	3.93E-07	2.63E-05	6.27E-07	2.66E-05	2.52E-05	4.97E-05	1.10E-04	2.63E-05	1.05E-04	3.12E-06	4.96E-06	1.44E-06	3.39E-06
357.7	6369.351	Grid Location	1.40E-01	6.10E-02	2.11E+00	2.53E+00	1.65E-01	5.84E-01	4.21E-05	1.87E-10	6.45E-01	1.18E-01	4.55E-01	2.17E-06	4.21E-07	2.76E-05	6.58E-07	2.80E-05	2.70E-05	6.25E-05	1.17E-04	2.77E-05	1.10E-04	3.47E-06	5.21E-06	1.51E-06	3.56E-06
357.75	6369.351	Grid Location	1.49E-01	6.56E-02	2.30E+00	2.77E+00	1.78E-01	5.92E-01	5.15E-05	2.28E-10	7.43E-01	1.31E-01	5.04E-01	2.28E-06	4.47E-07	2.89E-05	6.87E-07	2.94E-05	2.88E-05	7.57E-05	1.23E-04	2.90E-05	1.15E-04	3.81E-06	5.44E-06	1.57E-06	3.72E-06
357.8	6369.351	Grid Location	1.53E-01	6.74E-02	2.40E+00	2.97E+00	1.92E-01	5.79E-01	6.37E-05	2.80E-10	8.43E-01	1.48E-01	5.27E-01	2.43E-06	4.81E-07	3.05E-05	7.24E-07	3.11E-05	3.11E-05	9.29E-05	1.31E-04	3.06E-05	1.22E-04	4.26E-06	5.73E-06	1.66E-06	3.92E-06
357.85	6369.351	Grid Location	1.58E-01	6.93E-02	2.51E+00	3.20E+00	2.12E-01	5.68E-01	7.66E-05	3.36E-10	9.52E-01	1.68E-01	5.51E-01	2.65E-06	5.29E-07	3.30E-05	7.85E-07	3.38E-05	3.42E-05	1.11E-04	1.43E-04	3.32E-05	1.32E-04	4.81E-06	6.21E-06	1.80E-06	4.25E-06
357.9	6369.351	Grid Location	1.61E-01	7.04E-02	2.60E+00	3.42E+00	2.26E-01	5.53E-01	9.11E-05	4.00E-10	1.07E+00	1.86E-01	5.70E-01	2.81E-06	5.66E-07	3.47E-05	8.22E-07	3.55E-05	3.66E-05	1.32E-04	1.52E-04	3.49E-05	1.38E-04	5.32E-06	6.51E-06	1.88E-06	4.45E-06
357.95	6369.351	Grid Location	1.59E-01	6.98E-02	2.61E+00	3.55E+00	2.31E-01	5.31E-01	1.05E-04	4.63E-10	1.17E+00	2.00E-01	5.75E-01	2.86E-06	5.84E-07	3.50E-05	8.28E-07	3.60E-05	3.79E-05	1.52E-04	1.55E-04	3.52E-05	1.39E-04	5.71E-06	6.56E-06	1.90E-06	4.49E-06
358	6369.351	Grid Location	1.55E-01	6.81E-02	2.58E+00	3.62E+00	2.32E-01	5.04E-01	1.17E-04	5.12E-10	1.24E+00	2.09E-01	5.68E-01	2.88E-06	5.93E-07	3.48E-05	8.23E-07	3.59E-05	3.86E-05	1.68E-04	1.56E-04	3.51E-05	1.39E-04	5.98E-06	6.52E-06	1.89E-06	4.46E-06
356.5	6369.4	Grid Location	1.81E-01	7.65E-02	3.65E+00	5.71E+00	3.65E-01	6.33E-01	2.03E-04	9.65E-10	2.13E+00	3.65E-01	7.56E-01	3.94E-06	8.34E-07	4.66E-05	1.10E-06	4.84E-05	5.45E-05	2.82E-04	2.15E-04	4.70E-05	1.85E-04	9.05E-06	8.68E-06	2.51E-06	5.94E-06
356.55	6369.4	Grid Location	1.87E-01	7.93E-02	3.75E+00	5.79E+00	3.64E-01	6.69E-01	2.00E-04	9.58E-10	2.14E+00	3.64E-01	7.83E-01	3.92E-06	8.29E-07	4.64E-05	1.09E-06	4.83E-05	5.42E-05	2.78E-04	2.14E-04	4.68E-05	1.85E-04	8.97E-06	8.66E-06	2.51E-06	5.92E-06
356.6	6369.4	Grid Location	1.89E-01	8.08E-02	3.80E+00	5.76E+00	3.56E-01	6.92E-01	1.95E-04	9.36E-10	2.11E+00	3.56E-01	7.97E-01	3.84E-06	8.11E-07	4.54E-05	1.07E-06	4.72E-05	5.29E-05	2.71E-04	2.09E-04	4.58E-05	1.81E-04	8.76E-06	8.47E-06	2.45E-06	5.80E-06
356.65	6369.4	Grid Location	1.92E-01	8.24E-02	3.83E+00	5.73E+00	3.46E-01	7.23E-01	1.89E-04	9.10E-10	2.07E+00	3.46E-01	8.07E-01	3.71E-06	7.85E-07	4.39E-05	1.04E-06	4.57E-05	5.12E-05	2.63E-04	2.02E-04	4.43E-05	1.75E-04	8.48E-06	8.20E-06	2.37E-06	5.61E-06
356.7	6369.4	Grid Location	1.94E-01	8.42E-02	3.87E+00	5.66E+00	3.29E-01	7.62E-01	1.80E-04	8.71E-10	2.01E+00	3.31E-01	8.21E-01	3.52E-06	7.45E-07	4.17E-05	9.82E-07	4.34E-05	4.87E-05	2.50E-04	1.92E-04	4.20E-05	1.66E-04	8.07E-06	7.77E-06	2.25E-06	5.32E-06
356.75	6369.4	Grid Location	1.96E-01	8.58E-02	3.89E+00	5.55E+00	3.13E-01	8.05E-01	1.67E-04	8.13E-10	1.92E+00	3.12E-01	8.30E-01	3.33E-06	7.02E-07	3.94E-05	9.30E-07	4.10E-05	4.58E-05	2.32E-04	1.81E-04	3.98E-05	1.57E-04	7.55E-06	7.36E-06	2.13E-06	5.04E-06
356.8	6369.4	Grid Location	1.97E-01	8.65E-02	3.88E+00	5.38E+00	2.98E-01	8.48E-01	1.49E-04	7.31E-10	1.79E+00	2.89E-01	8.28E-01	3.13E-06	6.56E-07	3.74E-05	8.82E-07	3.88E-05	4.28E-05	2.07E-04	1.70E-04	3.77E-05	1.49E-04	6.92E-06	6.98E-06	2.02E-06	4.78E-06
356.85	6369.4	Grid Location	1.96E-01	8.71E-02	3.83E+00	5.14E+00	2.70E-01	8.82E-01	1.32E-04	6.49E-10	1.65E+00	2.59E-01	8.26E-01	2.82E-06	5.89E-07	3.37E-05	7.96E-07	3.49E-05	3.84E-05	1.84E-04	1.53E-04	3.40E-05	1.34E-04	6.18E-06	6.30E-06	1.82E-06	4.31E-06
356.9	6369.4	Grid Location	1.93E-01	8.72E-02	3.74E+00	4.84E+00	2.36E-01	9.10E-01	1.17E-04	5.79E-10	1.52E+00	2.28E-01	8.20E-01	2.43E-06	5.11E-07	2.90E-05	6.84E-07	3.01E-05	3.33E-05	1.63E-04	1.33E-04	2.93E-05	1.16E-04	5.41E-06	5.42E-06	1.57E-06	3.71E-06

356.95	6369.4	Grid Location	1.85E-01	8.41E-02	3.54E+00	4.45E+00	2.20E-01	8.96E-01	9.96E-05	4.96E-10	1.36E+00	2.04E-01	7.85E-01	2.23E-06	4.64E-07	2.69E-05	6.34E-07	2.78E-05	3.02E-05	1.39E-04	1.21E-04	2.71E-05	1.07E-04	4.79E-06	5.02E-06	1.45E-06	3.44E-06
357	6369.4	Grid Location	1.69E-01	7.72E-02	3.20E+00	3.97E+00	2.08E-01	8.35E-01	8.60E-05	4.32E-10	1.21E+00	1.86E-01	7.11E-01	2.09E-06	4.31E-07	2.54E-05	6.00E-07	2.62E-05	2.80E-05	1.20E-04	1.14E-04	2.55E-05	1.01E-04	4.32E-06	4.75E-06	1.37E-06	3.25E-06
357.05	6369.4	Grid Location	1.52E-01	6.93E-02	2.82E+00	3.45E+00	2.09E-01	7.63E-01	6.87E-05	3.49E-10	1.02E+00	1.72E-01	6.19E-01	2.07E-06	4.17E-07	2.56E-05	6.08E-07	2.62E-05	2.70E-05	9.64E-05	1.12E-04	2.57E-05	1.02E-04	3.91E-06	4.81E-06	1.39E-06	3.29E-06
357.1	6369.4	Grid Location	1.40E-01	6.41E-02	2.44E+00	2.98E+00	2.00E-01	7.43E-01	5.43E-05	2.80E-10	8.52E-01	1.55E-01	5.30E-01	1.95E-06	3.88E-07	2.44E-05	5.81E-07	2.50E-05	2.50E-05	7.66E-05	1.05E-04	2.46E-05	9.76E-05	3.46E-06	4.60E-06	1.33E-06	3.15E-06
357.15	6369.4	Grid Location	1.28E-01	6.06E-02	2.04E+00	2.35E+00	1.62E-01	7.13E-01	4.42E-05	2.32E-10	7.18E-01	1.26E-01	4.70E-01	1.63E-06	3.22E-07	2.04E-05	4.85E-07	2.08E-05	2.08E-05	6.25E-05	8.78E-05	2.05E-05	8.13E-05	2.86E-06	3.84E-06	1.11E-06	2.62E-06
357.2	6369.4	Grid Location	9.11E-02	4.66E-02	1.41E+00	1.42E+00	7.25E-02	5.62E-01	2.45E-05	1.36E-10	4.56E-01	6.02E-02	3.60E-01	6.50E-07	1.33E-07	7.95E-06	1.88E-07	8.18E-06	8.62E-06	3.45E-05	3.53E-05	8.00E-06	3.17E-05	1.30E-06	1.49E-06	4.31E-07	1.02E-06
357.25	6369.4	Grid Location	5.69E-02	3.07E-02	9.19E-01	7.21E-01	4.22E-02	3.49E-01	8.27E-06	5.31E-11	2.52E-01	2.92E-02	2.66E-01	3.13E-07	6.19E-08	3.92E-06	9.32E-08	4.00E-06	4.00E-06	1.19E-05	1.69E-05	3.94E-06	1.57E-05	5.48E-07	7.38E-07	2.14E-07	5.05E-07
357.3	6369.4	Grid Location	3.88E-02	2.08E-02	6.90E-01	5.34E-01	3.82E-02	2.42E-01	3.77E-06	2.96E-11	1.74E-01	2.26E-02	1.99E-01	2.58E-07	4.94E-08	3.33E-06	7.94E-08	3.36E-06	3.17E-06	5.70E-06	1.39E-05	3.33E-06	1.33E-05	3.85E-07	6.29E-07	1.82E-07	4.30E-07
357.35	6369.4	Grid Location	3.43E-02	1.70E-02	6.35E-01	5.84E-01	5.30E-02	2.07E-01	3.57E-06	2.87E-11	1.61E-01	3.05E-02	1.63E-01	4.20E-07	7.88E-08	5.49E-06	1.31E-07	5.52E-06	5.03E-06	5.59E-06	2.25E-05	5.49E-06	2.19E-05	5.66E-07	1.04E-06	3.01E-07	7.11E-07
357.4	6369.4	Grid Location	4.20E-02	1.87E-02	7.51E-01	8.06E-01	8.02E-02	2.43E-01	3.68E-06	2.94E-11	1.79E-01	4.53E-02	1.64E-01	7.40E-07	1.37E-07	9.75E-06	2.34E-07	9.79E-06	8.75E-06	6.08E-06	3.96E-05	9.76E-06	3.90E-05	9.35E-07	1.85E-06	5.36E-07	1.27E-06
357.45	6369.4	Grid Location	5.68E-02	2.46E-02	9.36E-01	1.01E+00	9.67E-02	3.18E-01	4.92E-06	3.54E-11	2.20E-01	5.52E-02	2.03E-01	1.08E-06	1.99E-07	1.42E-05	3.40E-07	1.42E-05	1.27E-05	8.12E-06	5.75E-05	1.42E-05	5.67E-05	1.35E-06	2.69E-06	7.79E-07	1.84E-06
357.5	6369.4	Grid Location	7.54E-02	3.20E-02	1.14E+00	1.27E+00	1.08E-01	4.06E-01	8.79E-06	5.27E-11	2.78E-01	6.44E-02	2.44E-01	1.41E-06	2.63E-07	1.85E-05	4.44E-07	1.86E-05	1.68E-05	1.38E-05	7.55E-05	1.86E-05	7.42E-05	1.82E-06	3.52E-06	1.02E-06	2.41E-06
357.55	6369.4	Grid Location	8.99E-02	3.81E-02	1.36E+00	1.53E+00	1.17E-01	4.46E-01	1.57E-05	7.93E-11	3.55E-01	7.42E-02	2.94E-01	1.64E-06	3.09E-07	2.14E-05	5.12E-07	2.15E-05	1.97E-05	2.39E-05	8.78E-05	2.14E-05	8.55E-05	2.24E-06	4.05E-06	1.17E-06	2.77E-06
357.6	6369.4	Grid Location	1.05E-01	4.47E-02	1.61E+00	1.79E+00	1.26E-01	4.85E-01	2.14E-05	9.89E-11	4.28E-01	8.20E-02	3.57E-01	1.77E-06	3.35E-07	2.29E-05	5.47E-07	2.31E-05	2.15E-05	3.27E-05	9.47E-05	2.29E-05	9.14E-05	2.53E-06	4.33E-06	1.25E-06	2.96E-06
357.65	6369.4	Grid Location	1.18E-01	5.08E-02	1.86E+00	2.09E+00	1.38E-01	5.20E-01	2.94E-05	1.29E-10	5.15E-01	9.34E-02	4.14E-01	1.92E-06	3.68E-07	2.46E-05	5.88E-07	2.49E-05	2.36E-05	4.46E-05	1.03E-04	2.47E-05	9.84E-05	2.89E-06	4.66E-06	1.35E-06	3.19E-06
357.7	6369.4	Grid Location	1.29E-01	5.55E-02	2.06E+00	2.36E+00	1.52E-01	5.40E-01	3.81E-05	1.64E-10	6.02E-01	1.07E-01	4.58E-01	2.08E-06	4.03E-07	2.66E-05	6.34E-07	2.70E-05	2.59E-05	5.72E-05	1.12E-04	2.67E-05	1.06E-04	3.29E-06	5.02E-06	1.45E-06	3.44E-06
357.75	6369.4	Grid Location	1.34E-01	5.78E-02	2.15E+00	2.52E+00	1.61E-01	5.37E-01	4.58E-05	1.96E-10	6.69E-01	1.17E-01	4.79E-01	2.16E-06	4.22E-07	2.74E-05	6.54E-07	2.79E-05	2.72E-05	6.83E-05	1.17E-04	2.75E-05	1.10E-04	3.56E-06	5.17E-06	1.50E-06	3.54E-06
357.8	6369.4	Grid Location	1.39E-01	6.02E-02	2.25E+00	2.72E+00	1.76E-01	5.35E-01	5.79E-05	2.45E-10	7.63E-01	1.34E-01	4.98E-01	2.34E-06	4.62E-07	2.94E-05	7.00E-07	3.00E-05	2.98E-05	8.56E-05	1.26E-04	2.95E-05	1.17E-04	4.04E-06	5.54E-06	1.60E-06	3.79E-06
357.85	6369.4	Grid Location	1.47E-01	6.35E-02	2.38E+00	2.97E+00	1.97E-01	5.38E-01	7.07E-05	2.98E-10	8.71E-01	1.54E-01	5.26E-01	2.58E-06	5.13E-07	3.22E-05	7.65E-07	3.29E-05	3.31E-05	1.04E-04	1.39E-04	3.23E-05	1.28E-04	4.61E-06	6.06E-06	1.75E-06	4.14E-06
357.9	6369.4	Grid Location	1.52E-01	6.58E-02	2.47E+00	3.18E+00	2.11E-01	5.33E-01	8.45E-05	3.58E-10	9.83E-01	1.71E-01	5.48E-01	2.73E-06	5.48E-07	3.38E-05	8.01E-07	3.46E-05	3.54E-05	1.23E-04	1.47E-04	3.39E-05	1.35E-04	5.09E-06	6.34E-06	1.84E-06	4.34E-06
357.95	6369.4	Grid Location	1.52E-01	6.60E-02	2.49E+00	3.31E+00	2.15E-01	5.15E-01	9.78E-05	4.16E-10	1.08E+00	1.84E-01	5.53E-01	2.77E-06	5.62E-07	3.39E-05	8.03E-07	3.48E-05	3.65E-05	1.42E-04	1.50E-04	3.41E-05	1.35E-04	5.44E-06	6.36E-06	1.84E-06	4.35E-06
358	6369.4	Grid Location	1.47E-01	6.40E-02	2.43E+00	3.33E+00	2.13E-01	4.86E-01	1.07E-04	4.56E-10	1.13E+00	1.90E-01	5.41E-01	2.73E-06	5.61E-07	3.32E-05	7.84E-07	3.42E-05	3.65E-05	1.54E-04	1.48E-04	3.34E-05	1.32E-04	5.60E-06	6.21E-06	1.80E-06	4.25E-06
356.5	6369.451	Grid Location	1.72E-01	7.30E-02	3.46E+00	5.42E+00	3.43E-01	5.98E-01	1.93E-04	9.28E-10	2.04E+00	3.47E-01	7.21E-01	3.68E-06	7.81E-07	4.33E-05	1.02E-06	4.51E-05	5.10E-05	2.68E-04	2.01E-04	4.37E-05	1.73E-04	8.53E-06	8.08E-06	2.34E-06	5.53E-06
356.55	6369.451	Grid Location	1.78E-01	7.60E-02	3.58E+00	5.52E+00	3.45E-01	6.37E-01	1.92E-04	9.25E-10	2.06E+00	3.47E-01	7.49E-01	3.68E-06	7.81E-07	4.35E-05	1.02E-06	4.53E-05	5.10E-05	2.66E-04	2.01E-04	4.39E-05	1.73E-04	8.50E-06	8.11E-06	2.35E-06	5.55E-06
356.6	6369.451	Grid Location	1.81E-01	7.78E-02	3.63E+00	5.52E+00	3.39E-01	6.62E-01	1.87E-04	9.07E-10	2.04E+00	3.41E-01	7.64E-01	3.62E-06	7.66E-07	4.27E-05	1.01E-06	4.44E-05	5.00E-05	2.60E-04	1.97E-04	4.31E-05	1.70E-04	8.33E-06	7.96E-06	2.30E-06	5.45E-06
356.65	6369.451	Grid Location	1.82E-01	7.85E-02	3.63E+00	5.44E+00	3.26E-01	6.85E-01	1.80E-04	8.77E-10	1.99E+00	3.30E-01	7.66E-01	3.47E-06	7.35E-07	4.09E-05	9.64E-07	4.26E-05	4.80E-05	2.50E-04	1.89E-04	4.13E-05	1.63E-04	8.00E-06	7.63E-06	2.21E-06	5.22E-06
356.7	6369.451	Grid Location	1.81E-01	7.91E-02	3.61E+00	5.31E+00	3.06E-01	7.11E-01	1.70E-04	8.32E-10	1.91E+00	3.11E-01	7.68E-01	3.24E-06	6.88E-07	3.83E-05	9.01E-07	3.98E-05	4.50E-05	2.36E-04	1.77E-04	3.86E-05	1.52E-04	7.52E-06	7.13E-06	2.06E-06	4.88E-06
356.75	6369.451	Grid Location	1.82E-01	8.03E-02	3.62E+00	5.18E+00	2.88E-01	7.44E-01	1.58E-04	7.76E-10	1.82E+00	2.92E-01	7.76E-01	3.04E-06	6.44E-07	3.59E-05	8.45E-07	3.73E-05	4.21E-05	2.19E-04	1.66E-04	3.62E-05	1.43E-04	7.00E-06	6.69E-06	1.94E-06	4.58E-06
356.8	6369.451	Grid Location	1.84E-01	8.16E-02	3.64E+00	5.05E+00	2.75E-01	7.83E-01	1.42E-04	7.05E-10	1.71E+00	2.72E-01	7.82E-01	2.87E-06	6.04E-07	3.41E-05	8.04E-07	3.54E-05	3.94E-05	1.97E-04	1.56E-04	3.44E-05	1.36E-04	6.46E-06	6.36E-06	1.84E-06	4.35E-06
356.85	6369.451	Grid Location	1.86E-01	8.32E-02	3.63E+00	4.87E+00	2.56E-01	8.22E-01	1.26E-04	6.32E-10	1.59E+00	2.48E-01	7.91E-01	2.64E-06	5.54E-07	3.15E-05	7.43E-07	3.27E-05	3.61E-05	1.76E-04	1.44E-04	3.17E-05	1.25E-04	5.85E-06	5.88E-06	1.70E-06	4.02E-06
356.9	6369.451	Grid Location	1.84E-01	8.43E-02	3.56E+00	4.56E+00	2.19E-01	8.46E-01	1.12E-04	5.63E-10	1.47E+00	2.16E-01	7.97E-01	2.24E-06	4.73E-07	2.66E-05	6.27E-07	2.77E-05	3.09E-05	1.56E-04	1.22E-04	2.68E-05	1.06E-04	5.08E-06	4.96E-06	1.44E-06	3.40E-06
356.95	6369.451	Grid Location	1.81E-01	8.42E-02	3.44E+00	4.18E+00	1.99E-01	8.50E-01	9.44E-05	4.78E-10	1.32E+00	1.90E-01	7.92E-01	2.01E-06	4.21E-07	2.41E-05	5.68E-07	2.50E-05	2.75E-05	1.32E-04	1.10E-04	2.43E-05	9.59E-05	4.42E-06	4.50E-06	1.30E-06	3.08E-06
357	6369.451	Grid Location	1.75E-01	8.28E-02	3.25E+00	3.80E+00	1.88E-01	8.37E-01	8.23E-05	4.20E-10	1.21E+00	1.74E-01	7.67E-01	1.90E-06	3.93E-07	2.29E-05	5.40E-07	2.36E-05	2.56E-05	1.15E-04	1.03E-04	2.30E-05	9.11E-05	4.02E-06	4.28E-06	1.24E-06	2.93E-06
357.05	6369.451	Grid Location	1.72E-01	8.16E-02	3.05E+00	3.44E+00	1.95E-01	8.23E-01	6.81E-05	3.51E-10	1.07E+00	1.64E-01	7.27E-01	1.98E-06	4.00E-07	2.44E-05	5.78E-07	2.50E-05	2.59E-05	9.55E-05	1.07E-04	2.45E-05	9.72E-05	3.79E-06	4.57E-06	1.32E-06	3.13E-06
357.1	6369.451	Grid Location	1.71E-01	7.92E-02	2.85E+00	3.23E+00	2.20E-01	8.22E-01	5.45E-05	2.83E-10	9.34E-01	1.66E-01	6.51E-01	2.33E-06	4.57E-07	2.95E-05	7.02E-07	3.00E-05	2.94E-05	7.73E-05	1.26E-04	2.96E-05	1.18E-04	3.90E-06	5.56E-06	1.61E-06	3.80E-06
357.15	6369.451	Grid Location	1.56E-01	7.09E-02	2.34E+00	2.75E+00	2.09E-01	7.97E-01	4.57E-05	2.39E-10	7.78E-01	1.52E-01	5.14E-01	2.28E-06	4.43E-07	2.91E-05	6.93E-07	2.95E-05	2.84E-05	6.52E-05	1.23E-04	2.92E-05	1.16E-04	3.64E-06	5.49E-06	1.59E-06	3.75E-06
357.2	6369.451	Grid Location	1.18E-01	5.49E-02	1.77E+00	1.97E+00	1.47E-01	6.36E-01	3.08E-05	1.64E-10	5.66E-01	1.06E-01	4.06E-01	1.58E-06	3.07E-07	2.02E-05	4.82E-07	2.05E-05	1.97E-05	4.41E-05	8.52E-05	2.03E-05	8.07E-05	2.51E-06	3.82E-06	1.10E-06	2.61E-06
357.25	6369.451	Grid Location	9.49E-02	4.69E-02	1.46E+00	1.36E+00	9.89E-02	5.38E-01	1.41E-05	8.02E-11	3.86E-01	6.44E-02	3.71E-01	9.62E-07	1.84E-07	1.24E-05	2.96E-07	1.25E-05	1.18E-05	2.05E-05	5.16E-05	1.24E-05	4.96E-05	1.42E-06	2.35E-06	6.79E-07	1.61E-06
357.3	6369.451	Grid Location	7.10E-02	3.55E-02	1.17E+00	1.03E+00	7.97E-02	4.08E-01	6.48E-06	4.30E-11	2.79E-01	4.71E-02	3.06E-01	7.15E-07	1.34E-07	9.34E-06	2.23E-07	9.40E-06	8.58E-06	9.87E-06	3.83E-05	9.35E-06	3.73E-05	9.69E-07	1.77E-06	5.12E-07	1.21E-06
357.35	6369.451	Grid Location	6.35E-02	3.08E-02	1.06E+00	9.71E-01	8.70E-02	3.67E-01	4.74E-06	3.46E-11	2.45E-01	4.98E-02	2.63E-01	7.85E-07	1.46E-07	1.03E-05	2.47E-07	1.04E-05	9.32E-06	7.57E-06	4.20E-05	1.03E-05	4.13E-05	1.01E-06	1.96E-06	5.67E-07	1.34E-06
357.4	6369.451	Grid Location	5.86E-02	2.72E-02	1.02E+00	1.02E+00	9.26E-02	3.29E-01	4.92E-06	3.57E-11	2.37E-01	5.29E-02	2.37E-01	8.51E-07	1.58E-07	1.12E-05	2.68E-07	1.12E-05	1.01E-05	7.89E-06	4.55E-05	1.12E-05	4.47E-05	1.09E-06	2.12E-06	6.14E-07	1.45E-06
357.45	6369.451	Grid Location	6.31E-02	2.91E-02	1.04E+00	1.11E+00	9.01E-02	3.77E-01	7.54E-06	4.82E-11	2.56E-01	5.38E-02	2.36E-01	8.46E-07	1.59E-07	1.10E-05	2.64E-07	1.11E-05	1.01E-05	1.15E-05	4.53E-05	1.11E-05	4.42E-05	1.14E-06	2.09E-06	6.06E-07	1.43E-06
357.5	6369.451	Grid Location	7.09E-02	3.28E-02	1.24E+00	1.32E+00	8.77E-02	4.00E-01	1.26E-05	7.05E-11	3.21E-01	5.63E-02	2.86E-01	8.47E-07	1.62E-07	1.09E-05	2.61E-07	1.10E-05	1.04E-05	1.84E-05	4.55E-05	1.09E-05	4.36E-05	1.26E-06	2.07E-06	5.98E-07	1.41E-06
357.55	6369.451	Grid Location	8.28E-02	3.85E-02	1.42E+00	1.49E+00	9.37E-02	4.47E-01	1.67E-05	8.75E-11	3.79E-01	6.22E-02	3.35E-01	9.67E-07	1.86E-07	1.24E-05	2.96E-07	1.26E-05	1.19E-05	2.40E-05	5.20E-05	1.24E-05	4.95E-05	1.48E-06	2.34E-06	6.78E-07	1.60E-06
357.6	6369.451	Grid Location	9.83E-02	4.54E-02	1.68E+00	1.75E+00	1.05E-01	4.96E-01	1.99E-05	1.01E-10	4.43E-01	7.05E-02	3.99E-01	1.17E-06	2.25E-07	1.50E-05	3.58E-07	1.52E-05	1.44E-05	2.87E-05	6.28E-05	1.50E-05	5.99E-05	1.79E-06	2.83E-06	8.21E-07	1.94E-06
357.65	6369.451	Grid Location	1.12E-01	5.07E-02	1.92E+00	2.03E+00	1.21E-01	5.18E-01	2.60E-05	1.26E-10	5.22E-01	8.31E-02	4.54E-01	1.44E-06	2.77E-07	1.84E-05	4.39E-07	1.86E-05	1.78E-05	3.77E-05	7.73E-05	1.84E-05	7.34E-05	2.24E-06	3.47E-06	1.00E-06	2.38E-06
357.7	6369.451	Grid Location	1.20E-01	5.36E-02	2.07E+00	2.26E+00	1.38E-01	5.19E-01	3.30E-05	1.54E-10	5.91E-01	9.70E-02	4.82E-01	1.70E-06	3.30E-07	2.17E-05	5.17E-07	2.20E-05	2.12E-05	4.83E-05	9.16E-05	2.18E-05	8.67E-05	2.71E-06	4.10E-06	1.19E-06	2.80E-06
357.75	6369.451	Grid Location	1.24E-01	5.45E-02	2.13E+00	2.40E+00	1.49E-01	5.06E-01	4.08E-05	1.84E-10	6.49E-01	1.09E-01	4.89E-01	1.90E-06	3.70E-07	2.40E-05	5.73E-07	2.44E-05	2.38E-05	5.98E-05	1.02E-04	2.41E-05	9.60E-05	3.12E-06	4.54E-06	1.31E-06	3.10E-06
357.8	6369.451	Grid Location	1.28E-01	5.57E-02	2.19E+00	2.59E+00	1.66E-01	4.97E-01	5.18E-05	2.27E-10	7.29E-01	1.25E-01	4.97E-01	2.13E-06	4.19E-07	2.68E-05	6.38E-07	2.73E-05	2.70E-05	7.58E-05	1.15E-04	2.69E-05	1.07E-04	3.64E-06	5.05E-06	1.46E-06	3.46E-06
357.85	6369.451	Grid Location	1.37E-01	5.89E-02	2.33E+00	2.85E+00	1.87E-01	5.02E-01	6.46E-05	2.78E-10	8.33E-01	1.45E-01	5.21E-01	2.41E-06	4.79E-07	3.02E-05	7.18E-07	3.08E-05	3.09E-05	9.46E-05	1.30E-04	3.03E-05	1.21E-04	4.27E-06	5.68E-06	1.65E-06	3.89E-06
357.9	6369.451	Grid Location	1.42E-01	6.08E-02	2.40E+00	3.06E+00	2.00E-01	5.02E-01	7.88E-05	3.37E-10	9.38E-01	1.62E-01	5.35E-01	2.59E-06	5.19E-07	3.21E-05	7.62E-07	3.28E-05	3.36E-05	1.15E-04	1.40E-04	3.23E-05	1.28E-04	4.80E-06	6.03E-06	1.75E-06	4.13E-06
357.95	6369.451	Grid Location	1.42E-01	6.11E-02	2.41E+00	3.18E+00	2.05E-01	4.90E-01	9.21E-05	3.91E-10	1.02E+00	1.74E-01	5.35E-01	2.65E-06	5.38E-07	3.25E-05	7.71E-07	3.34E-05	3.49E-05	1.34E-04	1.44E-04	3.27E-05	1.30E-04	5.18E-06	6.10E-06	1.77E-06	4.18E-06
358	6369.451	Grid Location	1.38E-01	5.97E-02	2.35E+00	3.20E+00	2.04E-01	4.67E-01	1.01E-04	4.28E-10	1.07E+00	1.80E-01	5.22E-01	2.63E-06	5.40E-07	3.20E-05	7.58E-07	3.30E-05	3.51E-05	1.46E-04	1.43E-04	3.23E-05	1.28E-04	5.36E-06	6.00E-06	1.74E-06	4.11E-06
356.5	6369.5	Grid Location	1.64E-01	7.02E-02	3.29E+00	5.15E+00	3.25E-01	5.71E-01	1.82E-04	8.83E-10	1.94E+00	3.29E-01	6.88E-01	3.46E-06	7.34E-07	4.07E-05	9.59E-07	4.24E-05	4.80E-05	2.53E-04	1.89E-04	4.11E-05	1.62E-04	8.04E-06	7.59E-06	2.20E-06	5.19E-06
356.55	6369.5	Grid Location	1.69E-01	7.24E-02	3.37E+00	5.21E+00	3.24E-01	6.03E-01	1.79E-04	8.74E-10	1.94E+00	3.27E-01	7.08E-01	3.44E-06	7.30E-07	4.06E-05	9.56E-07	4.23E-05	4.77E-05	2.49E-04	1.88E-04	4.10E-05	1.62E-04	7.96E-06	7.57E-06	2.19E-06	5.18E-06
356.6	6369.5	Grid Location	1.73E-01	7.44E-02	3.44E+00	5.23E+00	3.20E-01	6.30E-01	1.76E-04	8.60E-10	1.93E+00	3.22E-01	7.25E-01	3.39E-06	7.18E-07	4.00E-05	9.42E-07	4.16E-05	4.69E-05	2.45E-04	1.85E-04	4.04E-05	1.59E-04	7.82E-06	7.46E-06	2.16E-06	5.10E-06
356.65	6369.5	Grid Location	1.74E-01	7.56E-02	3.46E+00	5.18E+00	3.09E-01	6.51E-01	1.70E-04	8.35E-10	1.89E+00	3.12E-01	7.35E-01	3.27E-06	6.93E-07	3.85E-05	9.07E-07	4.01E-05	4.53E-05	2.37E-04	1.78E-04	3.89E-05	1.53E-04	7.55E-06	7.18E-06	2.08E-06	4.92E-06
356.7	6369.5	Grid Location	1.75E-01	7.69E-02	3.47E+00	5.09E+00	2.92E-01	6.77E-01	1.62E-04	7.99E-10	1.84E+00	2.98E-01	7.45E-01	3.08E-06	6.55E-07	3.63E-05	8.55E-07	3.78E-05	4.28E-05	2.25E-04	1.68E-04	3.67E-05	1.45E-04	7.16E-06	6.77E-06	1.96E-06	4.63E-06
356.75	6369.5	Grid Location	1.76E-01	7.82E-02	3.48E+00	4.94E+00	2.73E-01	7.04E-01	1.50E-04	7.47E-10	1.75E+00	2.78E-01	7.57E-01	2.87E-06	6.08E-07	3.38E-05	7.95E-07	3.52E-05	3.98E-05	2.09E-04	1.56E-04	3.41E-05	1.35E-04	6.65E-06	6.30E-06	1.82E-06	4.31E-06
356.8	6369.5	Grid Location	1.78E-01	7.99E-02	3.49E+00	4.79E+00	2.58E-01	7.37E-01	1.36E-04	6.79E-10	1.65E+00	2.58E-01	7.69E-01	2.68E-06	5.67E-07	3.18E-05	7.49E-07	3.31E-05	3.70E-05	1.89E-04	1.46E-04	3.21E-05	1.27E-04	6.11E-06	5.93E-06	1.72E-06	4.06E-06
356.85	6369.5	Grid Location	1.82E-01	8.27E-02	3.53E+00	4.65E+00	2.45E-01	7.83E-01	1.21E-04	6.10E-10	1.55E+00	2.38E-01	7.88E-01	2.52E-06	5.29E-07	3.01E-05	7.09E-07	3.12E-05	3.45E-05	1.69E-04	1.37E-04	3.03E-05	1.20E-04	5.60E-06	5.61E-06	1.63E-06	3.84E-06
356.9	6369.5	Grid Location	1.86E-01	8.61E-02	3.53E+00	4.43E+00	2.18E-01	8.28E-01	1.09E-04	5.49E-10	1.45E+00	2.12E-01	8.10E-01	2.24E-06	4.70E-07	2.66E-05	6.28E-07	2.77E-05	3.07E-05	1.51E-04	1.22E-04	2.69E-05	1.06E-04	5.00E-06	4.97E-06	1.44E-06	3.40E-06
356.95	6369.5	Grid Location	1.91E-01	9.02E-02	3.53E+00	4.17E+00	1.99E-01	8.71E-01	9.31E-05	4.73E-10	1.33E+00	1.88E-01	8.35E-01	2.04E-06	4.25E-07	2.45E-05	5.78E-07	2.53E-05	2.77E-05	1.30E-04	1.11E-04	2.47E-05	9.75E-05	4.42E-06	4.57E-06	1.32E-06	3.13E-06
357	6369.5	Grid Location	1.96E-01	9.32E-02	3.51E+00	3.96E+00	1.96E-01	8.95E-01	8.20E-05	4.19E-10	1.25E+00	1.77E-01	8.44E-01	2.05E-06	4.21E-07	2.50E-05	5.91E-07	2.57E-05	2.74E-05	1.15E-04	1.11E-04	2.51E-05	9.95E-05	4.19E-06	4.68E-06	1.35E-06	3.20E-06
357.05	6369.5	Grid Location	1.98E-01	9.37E-02	3.38E+00	3.74E+00	2.07E-01	9.00E-01	7.08E-05	3.62E-10	1.14E+00	1.73E-01	8.11E-01	2.25E-06	4.51E-07	2.79E-05	6.63E-07	2.86E-05	2.92E-05	9.95E-05	1.22E-04	2.81E-05	1.11E-04	4.16E-06	5.25E-06	1.52E-06	3.59E-06
357.1	6369.5	Grid Location	1.89E-01	8.76E-02	3.06E+00	3.42E+00	2.16E-01	8.70E-01	5.79E-05	2.95E-10	9.86E-01	1.66E-01	7.10E-01	2.41E-06	4.74E-07	3.05E-05	7.25E-07	3.10E-05	3.05E-05	8.20E-05	1.30E-04	3.06E-05	1.22E-04	4.06E-06	5.74E-06	1.66E-06	3.93E-06
357.15	6369.5	Grid Location	1.60E-01	7.32E-02	2.55E+00	2.92E+00	1.91E-01	7.64E-01	4.83E-05	2.42E-10	8.12E-01	1.43E-01	5.74E-01	2.10E-06	4.12E-07	2.66E-05	6.34E-07	2.71E-05	2.65E-05	6.85E-05	1.13E-04	2.67E-05	1.06E-04	3.49E-06	5.02E-06	1.45E-06	3.43E-06
357.2	6369.5	Grid Location	1.38E-01	6.37E-02	2.18E+00	2.39E+00	1.77E-01	6.69E-01	3.94E-05	1.96E-10	6.87E-01	1.28E-01	5.04E-01	1.96E-06	3.81E-07	2.50E-05	5.97E-07	2.54E-05	2.45E-05	5.61E-05	1.06E-04	2.51E-05	9.99E-05	3.13E-06	4.72E-06	1.37E-06	3.23E-06
357.25	6369.5	Grid Location	1.19E-01	5.66E-02	1.84E+00	1.88E+00	1.39E-01	6.21E-01	2.47E-05	1.28E-10	5.25E-01	9.43E-02	4.45E-01	1.41E-06	2.72E-07	1.81E-05	4.32E-07	1.83E-05	1.74E-05	3.54E-05	7.59E-05	1.81E-05	7.23E-05	2.17E-06	3.42E-06	9.89E-07	2.34E-06
357.3	6369.5	Grid Location	9.47E-02	4.55E-02	1.51E+00	1.49E+00	1.13E-01	5.17E-01	1.65E-05	9.02E-11	4.08E-01	7.35E-02	3.70E-01	1.10E-06	2.10E-07	1.42E-05	3.39E-07	1.43E-05	1.35E-05	2.39E-05	5.91E-05	1.42E-05	5.67E-05	1.63E-06	2.68E-06	7.76E-07	1.84E-06
357.35	6369.5	Grid Location	8.39E-02	4.04E-02	1.32E+00	1.29E+00	1.00E-01	4.75E-01	1.15E-05	6.71E-11	3.40E-01	6.26E-02	3.24E-01	9.45E-07	1.79E-07	1.23E-05	2.93E-07	1.24E-05	1.15E-05	1.69E-05	5.07E-05	1.23E-05	4.90E-05	1.34E-06	2.32E-06	6.71E-07	1.59E-06
357.4	6369.5	Grid Location	7.55E-02	3.60E-02	1.26E+00	1.24E+00	9.60E-02	4.10E-01	9.88E-06	5.98E-11	3.16E-01	5.91E-02	3.05E-01	9.00E-07	1.70E-07	1.17E-05	2.80E-07	1.18E-05	1.09E-05	1.47E-05	4.82E-05	1.17E-05	4.68E-05	1.26E-06	2.22E-06	6.42E-07	1.52E-06
357.45	6369.5	Grid Location	7.14E-02	3.34E-02	1.27E+00	1.33E+00	9.14E-02	3.92E-01	1.21E-05	7.04E-11	3.28E-01	5.82E-02	2.97E-01	8.50E-07	1.62E-07	1.10E-05	2.62E-07	1.11E-05	1.04E-05	1.77E-05	4.56E-05	1.10E-05	4.38E-05	1.25E-06	2.08E-06	6.01E-07	1.42E-06
357.5	6369.5	Grid Location	7.86E-02	3.72E-02	1.41E+00	1.46E+00	9.07E-02	4.28E-01	1.59E-05	8.70E-11	3.77E-01	6.06E-02	3.38E-01	8.51E-07	1.65E-07	1.09E-05	2.59E-07	1.10E-05	1.06E-05	2.29E-05	4.58E-05	1.09E-05	4.34E-05	1.34E-06	2.05E-06	5.95E-07	1.41E-06
357.55	6369.5	Grid Location	8.77E-02	4.15E-02	1.61E+00	1.66E+00	9.39E-02	4.59E-01	1.90E-05	9.98E-11	4.30E-01	6.43E-02	3.89E-01	8.87E-07	1.73E-07	1.13E-05	2.68E-07	1.14E-05	1.11E-05	2.71E-05	4.78E-05	1.13E-05	4.50E-05	1.44E-06	2.12E-06	6.15E-07	1.45E-06
357.6	6369.5	Grid Location	9.81E-02	4.62E-02	1.78E+00	1.87E+00	1.01E-01	5.02E-01	2.33E-05	1.18E-10	4.86E-01	7.10E-02	4.28E-01	9.72E-07	1.91E-07	1.23E-05	2.92E-07	1.25E-05	1.23E-05	3.30E-05	5.24E-05	1.23E-05	4.90E-05	1.64E-06	2.31E-06	6.69E-07	1.58E-06
357.65	6369.5	Grid Location	1.08E-01	5.06E-02	1.96E+00	2.08E+00	1.14E-01	5.25E-01	2.82E-05	1.41E-10	5.52E-01	8.15E-02	4.69E-01	1.15E-06	2.25E-07	1.45E-05	3.44E-07	1.47E-05	1.45E-05	4.00E-05	6.18E-05	1.45E-05	5.77E-05	1.95E-06	2.72E-06	7.88E-07	1.86E-06
357.7	6369.5	Grid Location	1.16E-01	5.36E-02	2.10E+00	2.27E+00	1.29E-01	5.22E-01	3.36E-05	1.65E-10	6.15E-01	9.37E-02	5.01E-01	1.38E-06	2.70E-07	1.73E-05	4.13E-07	1.77E-05	1.74E-05	4.78E-05	7.41E-05	1.74E-05	6.92E-05	2.33E-06	3.27E-06	9.46E-07	2.24E-06
357.75	6369.5	Grid Location	1.19E-01	5.44E-02	2.16E+00	2.40E+00	1.43E-01	5.02E-01	3.99E-05	1.93E-10	6.70E-01	1.06E-01	5.11E-01	1.60E-06	3.15E-07	2.01E-05	4.78E-07	2.05E-05	2.03E-05	5.70E-05	8.61E-05	2.02E-05	8.03E-05	2.73E-06	3.79E-06	1.10E-06	2.59E-06
357.8	6369.5	Grid Location	1.23E-01	5.48E-02	2.21E+00	2.55E+00	1.61E-01	4.84E-01	4.88E-05	2.29E-10	7.38E-01	1.22E-01	5.15E-01	1.86E-06	3.68E-07	2.33E-05	5.55E-07	2.38E-05	2.37E-05	6.99E-05	1.00E-04	2.34E-05	9.31E-05	3.24E-06	4.39E-06	1.27E-06	3.01E-06
357.85	6369.5	Grid Location	1.29E-01	5.66E-02	2.30E+00	2.77E+00	1.80E-01	4.78E-01	5.98E-05	2.75E-10	8.26E-01	1.40E-01	5.29E-01	2.15E-06	4.27E-07	2.69E-05	6.39E-07	2.74E-05	2.76E-05	8.60E-05	1.16E-04	2.70E-05	1.07E-04	3.83E-06	5.06E-06	1.46E-06	3.46E-06
357.9	6369.5	Grid Location	1.32E-01	5.75E-02	2.35E+00	2.96E+00	1.92E-01	4.71E-01	7.34E-05	3.30E-10	9.20E-01	1.56E-01	5.32E-01	2.35E-06	4.71E-07	2.91E-05	6.90E-07	2.98E-05	3.05E-05	1.06E-04	1.27E-04	2.92E-05	1.16E-04	4.37E-06	5.46E-06	1.58E-06	3.74E-06
357.95	6369.5	Grid Location	1.31E-01	5.67E-02	2.33E+00	3.05E+00	1.96E-01	4.55E-01	8.56E-05	3.79E-10	9.92E-01	1.67E-01	5.22E-01	2.43E-06	4.94E-07	2.98E-05	7.06E-07	3.06E-05	3.20E-05	1.23E-04	1.32E-04	3.00E-05	1.19E-04	4.75E-06	5.59E-06	1.62E-06	3.83E-06
358	6369.5	Grid Location	1.29E-01	5.55E-02	2.27E+00	3.09E+00	1.96E-01	4.38E-01	9.47E-05	4.13E-10	1.04E+00	1.73E-01	5.07E-01	2.46E-06	5.04E-07	2.99E-05	7.07E-07	3.08E-05	3.27E-05	1.36E-04	1.33E-04	3.01E-05	1.19E-04	5.00E-06	5.60E-06	1.62E-06	3.83E-06
356.5	6369.55	Grid Location	1.59E-01	6.80E-02	3.15E+00	4.94E+00	3.11E-01	5.47E-01	1.74E-04	8.44E-10	1.86E+00	3.13E-01	6.64E-01	3.30E-06	7.00E-07	3.88E-05	9.14E-07	4.05E-05	4.58E-05	2.42E-04	1.80E-04	3.92E-05	1.55E-04	7.67E-06	7.24E-06	2.09E-06	4.95E-06
356.55	6369.55	Grid Location	1.64E-01	7.05E-02	3.25E+00	5.02E+00	3.11E-01	5.79E-01	1.72E-04	8.38E-10	1.87E+00	3.13E-01	6.87E-01	3.29E-06	6.98E-07	3.89E-05	9.15E-07	4.05E-05	4.56E-05	2.39E-04	1.80E-04	3.92E-05	1.55E-04	7.62E-06	7.24E-06	2.10E-06	4.96E-06
356.6	6369.55	Grid Location	1.67E-01	7.22E-02	3.30E+00	5.00E+00	3.04E-01	6.02E-01	1.67E-04	8.18E-10	1.84E+00	3.06E-01	7.03E-01	3.21E-06	6.81E-07	3.80E-05	8.94E-07	3.95E-05	4.45E-05	2.32E-04	1.75E-04	3.83E-05	1.51E-04	7.42E-06	7.08E-06	2.05E-06	4.84E-06
356.65	6369.55	Grid Location	1.71E-01	7.47E-02	3.37E+00	5.00E+00	2.98E-01	6.29E-01	1.63E-04	8.03E-10	1.83E+00	2.99E-01	7.27E-01	3.14E-06	6.66E-07	3.71E-05	8.73E-07	3.86E-05	4.35E-05	2.27E-04	1.71E-04	3.74E-05	1.48E-04	7.25E-06	6.91E-06	2.00E-06	4.73E-06
356.7	6369.55	Grid Location	1.75E-01	7.74E-02	3.43E+00	4.96E+00	2.86E-01	6.61E-01	1.57E-04	7.75E-10	1.80E+00	2.89E-01	7.49E-01	3.01E-06	6.38E-07	3.55E-05	8.36E-07	3.69E-05	4.17E-05	2.19E-04	1.64E-04	3.58E-05	1.41E-04	6.96E-06	6.61E-06	1.91E-06	4.53E-06
356.75	6369.55	Grid Location	1.78E-01	8.01E-02	3.47E+00	4.85E+00	2.70E-01	6.94E-01	1.47E-04	7.30E-10	1.73E+00	2.72E-01	7.72E-01	2.83E-06	6.00E-07	3.34E-05	7.86E-07	3.48E-05	3.92E-05	2.05E-04	1.54E-04	3.37E-05	1.33E-04	6.54E-06	6.23E-06	1.80E-06	4.26E-06
356.8	6369.55	Grid Location	1.83E-01	8.33E-02	3.53E+00	4.74E+00	2.57E-01	7.36E-01	1.35E-04	6.73E-10	1.65E+00	2.55E-01	7.98E-01	2.69E-06	5.67E-07	3.18E-05	7.50E-07	3.31E-05	3.70E-05	1.87E-04	1.46E-04	3.21E-05	1.27E-04	6.09E-06	5.94E-06	1.72E-06	4.06E-06

356.85	6369.55	Grid Location	1.89E-01	8.64E-02	3.58E+00	4.62E+00	2.47E-01	7.84E-01	1.20E-04	6.05E-10	1.55E+00	2.37E-01	8.15E-01	2.58E-06	5.39E-07	3.09E-05	7.29E-07	3.20E-05	3.52E-05	1.68E-04	1.40E-04	3.11E-05	1.23E-04	5.65E-06	5.77E-06	1.67E-06	3.95E-06
356.9	6369.55	Grid Location	1.98E-01	9.13E-02	3.66E+00	4.54E+00	2.36E-01	8.47E-01	1.09E-04	5.48E-10	1.47E+00	2.22E-01	8.42E-01	2.49E-06	5.17E-07	3.01E-05	7.10E-07	3.11E-05	3.37E-05	1.52E-04	1.36E-04	3.03E-05	1.20E-04	5.30E-06	5.62E-06	1.63E-06	3.85E-06
356.95	6369.55	Grid Location	2.07E-01	9.67E-02	3.72E+00	4.41E+00	2.19E-01	9.03E-01	9.73E-05	4.89E-10	1.39E+00	2.02E-01	8.71E-01	2.36E-06	4.87E-07	2.86E-05	6.78E-07	2.96E-05	3.16E-05	1.36E-04	1.28E-04	2.88E-05	1.14E-04	4.89E-06	5.36E-06	1.55E-06	3.67E-06
357	6369.55	Grid Location	2.15E-01	1.01E-01	3.73E+00	4.26E+00	2.17E-01	9.40E-01	8.50E-05	4.27E-10	1.30E+00	1.90E-01	8.81E-01	2.39E-06	4.84E-07	2.93E-05	6.96E-07	3.01E-05	3.14E-05	1.19E-04	1.29E-04	2.95E-05	1.17E-04	4.64E-06	5.51E-06	1.59E-06	3.77E-06
357.05	6369.55	Grid Location	2.13E-01	9.97E-02	3.57E+00	4.04E+00	2.13E-01	9.44E-01	7.71E-05	3.83E-10	1.20E+00	1.80E-01	8.40E-01	2.41E-06	4.84E-07	2.98E-05	7.08E-07	3.06E-05	3.13E-05	1.08E-04	1.30E-04	3.00E-05	1.19E-04	4.49E-06	5.61E-06	1.62E-06	3.84E-06
357.1	6369.55	Grid Location	1.92E-01	8.97E-02	3.13E+00	3.52E+00	1.89E-01	8.73E-01	6.73E-05	3.26E-10	1.04E+00	1.57E-01	7.36E-01	2.12E-06	4.25E-07	2.63E-05	6.24E-07	2.69E-05	2.75E-05	9.44E-05	1.15E-04	2.64E-05	1.05E-04	3.93E-06	4.94E-06	1.43E-06	3.38E-06
357.15	6369.55	Grid Location	1.65E-01	7.74E-02	2.74E+00	2.98E+00	1.76E-01	7.51E-01	5.54E-05	2.64E-10	8.83E-01	1.39E-01	6.55E-01	1.96E-06	3.89E-07	2.45E-05	5.82E-07	2.50E-05	2.51E-05	7.79E-05	1.06E-04	2.46E-05	9.77E-05	3.48E-06	4.61E-06	1.33E-06	3.15E-06
357.2	6369.55	Grid Location	1.57E-01	7.37E-02	2.60E+00	2.72E+00	1.74E-01	7.23E-01	4.30E-05	2.08E-10	7.75E-01	1.27E-01	6.25E-01	1.91E-06	3.73E-07	2.42E-05	5.77E-07	2.46E-05	2.40E-05	6.10E-05	1.03E-04	2.43E-05	9.67E-05	3.15E-06	4.57E-06	1.32E-06	3.12E-06
357.25	6369.55	Grid Location	1.34E-01	6.40E-02	2.26E+00	2.34E+00	1.43E-01	6.48E-01	3.64E-05	1.78E-10	6.68E-01	1.05E-01	5.50E-01	1.47E-06	2.89E-07	1.86E-05	4.42E-07	1.89E-05	1.87E-05	5.15E-05	7.94E-05	1.86E-05	7.41E-05	2.50E-06	3.50E-06	1.01E-06	2.39E-06
357.3	6369.55	Grid Location	1.12E-01	5.39E-02	1.91E+00	1.95E+00	1.20E-01	5.61E-01	3.02E-05	1.50E-10	5.67E-01	8.81E-02	4.70E-01	1.21E-06	2.38E-07	1.53E-05	3.63E-07	1.55E-05	1.54E-05	4.27E-05	6.53E-05	1.53E-05	6.09E-05	2.07E-06	2.88E-06	8.32E-07	1.97E-06
357.35	6369.55	Grid Location	1.01E-01	4.92E-02	1.70E+00	1.69E+00	1.03E-01	5.31E-01	2.21E-05	1.16E-10	4.76E-01	7.29E-02	4.21E-01	1.01E-06	1.96E-07	1.27E-05	3.04E-07	1.30E-05	1.26E-05	3.15E-05	5.41E-05	1.28E-05	5.09E-05	1.65E-06	2.40E-06	6.96E-07	1.65E-06
357.4	6369.55	Grid Location	9.20E-02	4.50E-02	1.58E+00	1.53E+00	9.47E-02	4.72E-01	1.80E-05	9.66E-11	4.27E-01	6.49E-02	3.98E-01	8.97E-07	1.74E-07	1.14E-05	2.72E-07	1.16E-05	1.12E-05	2.58E-05	4.83E-05	1.15E-05	4.56E-05	1.43E-06	2.16E-06	6.24E-07	1.48E-06
357.45	6369.55	Grid Location	8.42E-02	4.04E-02	1.55E+00	1.54E+00	9.42E-02	4.23E-01	1.72E-05	9.39E-11	4.15E-01	6.39E-02	3.82E-01	8.85E-07	1.71E-07	1.13E-05	2.69E-07	1.15E-05	1.10E-05	2.47E-05	4.76E-05	1.13E-05	4.51E-05	1.40E-06	2.13E-06	6.17E-07	1.46E-06
357.5	6369.55	Grid Location	8.75E-02	4.16E-02	1.60E+00	1.64E+00	9.47E-02	4.59E-01	1.85E-05	1.00E-10	4.31E-01	6.49E-02	3.90E-01	8.79E-07	1.71E-07	1.12E-05	2.66E-07	1.14E-05	1.10E-05	2.65E-05	4.73E-05	1.12E-05	4.46E-05	1.43E-06	2.11E-06	6.10E-07	1.44E-06
357.55	6369.55	Grid Location	9.55E-02	4.55E-02	1.78E+00	1.83E+00	9.95E-02	4.88E-01	2.20E-05	1.16E-10	4.83E-01	6.99E-02	4.33E-01	9.28E-07	1.82E-07	1.17E-05	2.79E-07	1.19E-05	1.17E-05	3.12E-05	5.00E-05	1.18E-05	4.68E-05	1.56E-06	2.21E-06	6.39E-07	1.51E-06
357.6	6369.55	Grid Location	1.01E-01	4.73E-02	1.90E+00	2.03E+00	1.07E-01	4.99E-01	2.69E-05	1.38E-10	5.35E-01	7.74E-02	4.54E-01	1.00E-06	1.99E-07	1.26E-05	3.00E-07	1.28E-05	1.28E-05	3.80E-05	5.42E-05	1.27E-05	5.03E-05	1.75E-06	2.37E-06	6.86E-07	1.62E-06
357.65	6369.55	Grid Location	1.06E-01	4.94E-02	1.98E+00	2.20E+00	1.17E-01	5.14E-01	3.21E-05	1.61E-10	5.84E-01	8.69E-02	4.65E-01	1.12E-06	2.23E-07	1.40E-05	3.32E-07	1.43E-05	1.44E-05	4.53E-05	6.05E-05	1.40E-05	5.58E-05	2.00E-06	2.63E-06	7.61E-07	1.80E-06
357.7	6369.55	Grid Location	1.11E-01	5.14E-02	2.06E+00	2.30E+00	1.27E-01	5.13E-01	3.66E-05	1.82E-10	6.33E-01	9.53E-02	4.85E-01	1.24E-06	2.47E-07	1.55E-05	3.67E-07	1.58E-05	1.60E-05	5.16E-05	6.70E-05	1.55E-05	6.17E-05	2.24E-06	2.91E-06	8.42E-07	1.99E-06
357.75	6369.55	Grid Location	1.16E-01	5.36E-02	2.16E+00	2.44E+00	1.41E-01	5.00E-01	4.30E-05	2.12E-10	7.01E-01	1.08E-01	5.13E-01	1.43E-06	2.86E-07	1.78E-05	4.23E-07	1.82E-05	1.85E-05	6.07E-05	7.73E-05	1.79E-05	7.10E-05	2.61E-06	3.35E-06	9.69E-07	2.29E-06
357.8	6369.55	Grid Location	1.20E-01	5.49E-02	2.24E+00	2.58E+00	1.58E-01	4.80E-01	5.00E-05	2.45E-10	7.67E-01	1.22E-01	5.29E-01	1.67E-06	3.33E-07	2.07E-05	4.93E-07	2.12E-05	2.15E-05	7.07E-05	9.00E-05	2.08E-05	8.27E-05	3.04E-06	3.90E-06	1.13E-06	2.67E-06
357.85	6369.55	Grid Location	1.25E-01	5.61E-02	2.31E+00	2.76E+00	1.76E-01	4.69E-01	5.99E-05	2.89E-10	8.51E-01	1.40E-01	5.39E-01	1.92E-06	3.85E-07	2.39E-05	5.66E-07	2.44E-05	2.49E-05	8.50E-05	1.04E-04	2.40E-05	9.52E-05	3.56E-06	4.48E-06	1.30E-06	3.07E-06
357.9	6369.55	Grid Location	1.25E-01	5.57E-02	2.31E+00	2.89E+00	1.86E-01	4.53E-01	7.11E-05	3.38E-10	9.27E-01	1.53E-01	5.32E-01	2.09E-06	4.23E-07	2.58E-05	6.12E-07	2.65E-05	2.74E-05	1.01E-04	1.13E-04	2.59E-05	1.03E-04	4.01E-06	4.84E-06	1.40E-06	3.31E-06
357.95	6369.55	Grid Location	1.24E-01	5.46E-02	2.27E+00	2.98E+00	1.90E-01	4.34E-01	8.20E-05	3.81E-10	9.89E-01	1.63E-01	5.18E-01	2.20E-06	4.49E-07	2.69E-05	6.38E-07	2.77E-05	2.92E-05	1.16E-04	1.19E-04	2.71E-05	1.07E-04	4.39E-06	5.05E-06	1.46E-06	3.45E-06
358	6369.55	Grid Location	1.22E-01	5.31E-02	2.22E+00	3.01E+00	1.91E-01	4.17E-01	9.01E-05	4.11E-10	1.03E+00	1.70E-01	5.01E-01	2.26E-06	4.65E-07	2.75E-05	6.50E-07	2.83E-05	3.02E-05	1.28E-04	1.23E-04	2.77E-05	1.10E-04	4.65E-06	5.15E-06	1.49E-06	3.52E-06
356.5	6369.601	Grid Location	1.56E-01	6.73E-02	3.09E+00	4.80E+00	3.01E-01	5.31E-01	1.69E-04	8.16E-10	1.81E+00	3.02E-01	6.57E-01	3.19E-06	6.78E-07	3.75E-05	8.84E-07	3.91E-05	4.43E-05	2.35E-04	1.74E-04	3.79E-05	1.50E-04	7.43E-06	7.00E-06	2.03E-06	4.79E-06
356.55	6369.601	Grid Location	1.62E-01	7.00E-02	3.18E+00	4.86E+00	3.01E-01	5.61E-01	1.66E-04	8.07E-10	1.81E+00	3.00E-01	6.82E-01	3.18E-06	6.74E-07	3.75E-05	8.83E-07	3.90E-05	4.40E-05	2.31E-04	1.73E-04	3.78E-05	1.49E-04	7.35E-06	6.99E-06	2.02E-06	4.78E-06
356.6	6369.601	Grid Location	1.66E-01	7.27E-02	3.26E+00	4.88E+00	2.97E-01	5.91E-01	1.62E-04	7.91E-10	1.80E+00	2.96E-01	7.05E-01	3.14E-06	6.64E-07	3.71E-05	8.73E-07	3.86E-05	4.34E-05	2.25E-04	1.71E-04	3.74E-05	1.48E-04	7.22E-06	6.91E-06	2.00E-06	4.73E-06
356.65	6369.601	Grid Location	1.72E-01	7.57E-02	3.35E+00	4.89E+00	2.92E-01	6.21E-01	1.58E-04	7.75E-10	1.78E+00	2.90E-01	7.32E-01	3.08E-06	6.52E-07	3.64E-05	8.58E-07	3.79E-05	4.26E-05	2.20E-04	1.68E-04	3.68E-05	1.45E-04	7.07E-06	6.79E-06	1.97E-06	4.65E-06
356.7	6369.601	Grid Location	1.80E-01	8.01E-02	3.47E+00	4.94E+00	2.88E-01	6.64E-01	1.55E-04	7.59E-10	1.78E+00	2.86E-01	7.70E-01	3.05E-06	6.44E-07	3.61E-05	8.50E-07	3.75E-05	4.21E-05	2.15E-04	1.66E-04	3.64E-05	1.44E-04	6.96E-06	6.73E-06	1.95E-06	4.61E-06
356.75	6369.601	Grid Location	1.87E-01	8.44E-02	3.57E+00	4.92E+00	2.79E-01	7.10E-01	1.48E-04	7.27E-10	1.75E+00	2.76E-01	8.04E-01	2.97E-06	6.26E-07	3.52E-05	8.30E-07	3.66E-05	4.08E-05	2.06E-04	1.62E-04	3.55E-05	1.40E-04	6.71E-06	6.57E-06	1.90E-06	4.50E-06
356.8	6369.601	Grid Location	1.95E-01	8.85E-02	3.66E+00	4.86E+00	2.70E-01	7.59E-01	1.37E-04	6.78E-10	1.68E+00	2.62E-01	8.35E-01	2.88E-06	6.04E-07	3.44E-05	8.12E-07	3.57E-05	3.94E-05	1.91E-04	1.57E-04	3.47E-05	1.37E-04	6.37E-06	6.43E-06	1.86E-06	4.40E-06
356.85	6369.601	Grid Location	2.01E-01	9.19E-02	3.73E+00	4.78E+00	2.63E-01	8.06E-01	1.24E-04	6.17E-10	1.60E+00	2.48E-01	8.54E-01	2.84E-06	5.89E-07	3.42E-05	8.08E-07	3.54E-05	3.83E-05	1.73E-04	1.54E-04	3.45E-05	1.36E-04	6.04E-06	6.40E-06	1.85E-06	4.38E-06
356.9	6369.601	Grid Location	2.10E-01	9.58E-02	3.80E+00	4.75E+00	2.62E-01	8.57E-01	1.12E-04	5.58E-10	1.52E+00	2.37E-01	8.67E-01	2.89E-06	5.91E-07	3.52E-05	8.33E-07	3.62E-05	3.84E-05	1.57E-04	1.57E-04	3.54E-05	1.40E-04	5.82E-06	6.59E-06	1.91E-06	4.51E-06
356.95	6369.601	Grid Location	2.20E-01	1.00E-01	3.87E+00	4.72E+00	2.57E-01	9.08E-01	1.05E-04	5.13E-10	1.45E+00	2.27E-01	8.80E-01	2.90E-06	5.90E-07	3.56E-05	8.45E-07	3.66E-05	3.82E-05	1.46E-04	1.57E-04	3.59E-05	1.42E-04	5.67E-06	6.69E-06	1.94E-06	4.58E-06
357	6369.601	Grid Location	2.23E-01	1.02E-01	3.79E+00	4.51E+00	2.34E-01	9.43E-01	9.47E-05	4.57E-10	1.35E+00	2.04E-01	8.69E-01	2.67E-06	5.41E-07	3.28E-05	7.78E-07	3.37E-05	3.51E-05	1.32E-04	1.45E-04	3.30E-05	1.31E-04	5.18E-06	6.16E-06	1.78E-06	4.22E-06
357.05	6369.601	Grid Location	2.12E-01	9.83E-02	3.53E+00	4.13E+00	2.03E-01	9.29E-01	8.67E-05	4.11E-10	1.23E+00	1.79E-01	8.16E-01	2.30E-06	4.69E-07	2.81E-05	6.66E-07	2.89E-05	3.04E-05	1.21E-04	1.25E-04	2.83E-05	1.12E-04	4.57E-06	5.28E-06	1.53E-06	3.61E-06
357.1	6369.601	Grid Location	1.88E-01	8.78E-02	3.16E+00	3.61E+00	1.76E-01	8.36E-01	7.70E-05	3.58E-10	1.09E+00	1.56E-01	7.45E-01	1.98E-06	4.05E-07	2.41E-05	5.71E-07	2.49E-05	2.63E-05	1.07E-04	1.07E-04	2.43E-05	9.62E-05	3.99E-06	4.52E-06	1.31E-06	3.10E-06
357.15	6369.601	Grid Location	1.77E-01	8.33E-02	3.01E+00	3.24E+00	1.77E-01	7.81E-01	6.27E-05	2.92E-10	9.72E-01	1.44E-01	7.30E-01	1.99E-06	3.98E-07	2.47E-05	5.85E-07	2.52E-05	2.58E-05	8.79E-05	1.07E-04	2.48E-05	9.84E-05	3.68E-06	4.63E-06	1.34E-06	3.17E-06
357.2	6369.601	Grid Location	1.72E-01	8.16E-02	2.91E+00	3.01E+00	1.67E-01	7.74E-01	5.09E-05	2.41E-10	8.77E-01	1.29E-01	7.14E-01	1.82E-06	3.61E-07	2.28E-05	5.42E-07	2.33E-05	2.33E-05	7.17E-05	9.83E-05	2.29E-05	9.09E-05	3.23E-06	4.29E-06	1.24E-06	2.93E-06
357.25	6369.601	Grid Location	1.49E-01	7.17E-02	2.57E+00	2.63E+00	1.41E-01	6.93E-01	4.64E-05	2.18E-10	7.84E-01	1.11E-01	6.40E-01	1.47E-06	2.95E-07	1.82E-05	4.33E-07	1.87E-05	1.91E-05	6.51E-05	7.94E-05	1.83E-05	7.27E-05	2.72E-06	3.43E-06	9.92E-07	2.34E-06
357.3	6369.601	Grid Location	1.28E-01	6.23E-02	2.22E+00	2.25E+00	1.22E-01	6.15E-01	3.81E-05	1.84E-10	6.74E-01	9.47E-02	5.62E-01	1.24E-06	2.48E-07	1.54E-05	3.66E-07	1.58E-05	1.60E-05	5.36E-05	6.70E-05	1.55E-05	6.15E-05	2.27E-06	2.90E-06	8.38E-07	1.98E-06
357.35	6369.601	Grid Location	1.18E-01	5.79E-02	2.02E+00	1.99E+00	1.08E-01	5.91E-01	2.87E-05	1.45E-10	5.76E-01	8.02E-02	5.11E-01	1.07E-06	2.11E-07	1.34E-05	3.18E-07	1.37E-05	1.36E-05	4.05E-05	5.76E-05	1.35E-05	5.35E-05	1.87E-06	2.52E-06	7.30E-07	1.73E-06
357.4	6369.601	Grid Location	1.08E-01	5.33E-02	1.89E+00	1.81E+00	9.80E-02	5.33E-01	2.38E-05	1.22E-10	5.19E-01	7.10E-02	4.82E-01	9.32E-07	1.84E-07	1.17E-05	2.79E-07	1.19E-05	1.18E-05	3.37E-05	5.03E-05	1.18E-05	4.68E-05	1.60E-06	2.21E-06	6.39E-07	1.51E-06
357.45	6369.601	Grid Location	9.94E-02	4.84E-02	1.82E+00	1.78E+00	9.88E-02	4.79E-01	2.21E-05	1.16E-10	4.97E-01	7.02E-02	4.60E-01	9.31E-07	1.83E-07	1.18E-05	2.80E-07	1.20E-05	1.18E-05	3.15E-05	5.01E-05	1.18E-05	4.69E-05	1.57E-06	2.21E-06	6.41E-07	1.52E-06
357.5	6369.601	Grid Location	9.61E-02	4.56E-02	1.82E+00	1.88E+00	1.02E-01	4.76E-01	2.38E-05	1.26E-10	5.05E-01	7.32E-02	4.41E-01	9.55E-07	1.88E-07	1.20E-05	2.86E-07	1.23E-05	1.21E-05	3.38E-05	5.15E-05	1.21E-05	4.80E-05	1.63E-06	2.27E-06	6.56E-07	1.55E-06
357.55	6369.601	Grid Location	1.01E-01	4.77E-02	1.89E+00	2.01E+00	1.07E-01	5.04E-01	2.71E-05	1.42E-10	5.42E-01	7.86E-02	4.55E-01	1.00E-06	1.98E-07	1.26E-05	2.99E-07	1.28E-05	1.28E-05	3.84E-05	5.41E-05	1.26E-05	5.01E-05	1.76E-06	2.36E-06	6.85E-07	1.62E-06
357.6	6369.601	Grid Location	1.03E-01	4.81E-02	1.95E+00	2.13E+00	1.15E-01	4.95E-01	3.03E-05	1.57E-10	5.75E-01	8.52E-02	4.63E-01	1.08E-06	2.14E-07	1.35E-05	3.20E-07	1.38E-05	1.38E-05	4.29E-05	5.82E-05	1.35E-05	5.38E-05	1.92E-06	2.54E-06	7.34E-07	1.73E-06
357.65	6369.601	Grid Location	1.03E-01	4.77E-02	1.98E+00	2.24E+00	1.22E-01	4.85E-01	3.45E-05	1.76E-10	6.07E-01	9.23E-02	4.60E-01	1.16E-06	2.31E-07	1.44E-05	3.42E-07	1.47E-05	1.49E-05	4.87E-05	6.25E-05	1.45E-05	5.75E-05	2.10E-06	2.71E-06	7.85E-07	1.85E-06
357.7	6369.601	Grid Location	1.05E-01	4.83E-02	2.00E+00	2.33E+00	1.29E-01	4.81E-01	3.96E-05	1.99E-10	6.49E-01	9.99E-02	4.64E-01	1.24E-06	2.48E-07	1.53E-05	3.64E-07	1.57E-05	1.61E-05	5.58E-05	6.69E-05	1.54E-05	6.11E-05	2.31E-06	2.88E-06	8.33E-07	1.97E-06
357.75	6369.601	Grid Location	1.11E-01	5.08E-02	2.10E+00	2.45E+00	1.42E-01	4.81E-01	4.63E-05	2.30E-10	7.16E-01	1.11E-01	4.90E-01	1.38E-06	2.78E-07	1.70E-05	4.04E-07	1.75E-05	1.80E-05	6.51E-05	7.46E-05	1.71E-05	6.79E-05	2.62E-06	3.20E-06	9.25E-07	2.19E-06
357.8	6369.601	Grid Location	1.17E-01	5.35E-02	2.21E+00	2.60E+00	1.56E-01	4.74E-01	5.33E-05	2.64E-10	7.92E-01	1.25E-01	5.20E-01	1.56E-06	3.16E-07	1.93E-05	4.57E-07	1.98E-05	2.04E-05	7.51E-05	8.46E-05	1.94E-05	7.68E-05	2.99E-06	3.61E-06	1.05E-06	2.47E-06
357.85	6369.601	Grid Location	1.21E-01	5.52E-02	2.28E+00	2.77E+00	1.71E-01	4.61E-01	6.30E-05	3.10E-10	8.79E-01	1.40E-01	5.36E-01	1.76E-06	3.58E-07	2.16E-05	5.13E-07	2.22E-05	2.32E-05	8.88E-05	9.55E-05	2.18E-05	8.63E-05	3.44E-06	4.06E-06	1.18E-06	2.78E-06
357.9	6369.601	Grid Location	1.23E-01	5.53E-02	2.30E+00	2.91E+00	1.82E-01	4.45E-01	7.38E-05	3.59E-10	9.60E-01	1.55E-01	5.35E-01	1.94E-06	3.96E-07	2.36E-05	5.60E-07	2.43E-05	2.57E-05	1.04E-04	1.05E-04	2.38E-05	9.43E-05	3.89E-06	4.43E-06	1.28E-06	3.03E-06
357.95	6369.601	Grid Location	1.21E-01	5.40E-02	2.26E+00	2.97E+00	1.87E-01	4.24E-01	8.26E-05	3.96E-10	1.01E+00	1.64E-01	5.20E-01	2.05E-06	4.21E-07	2.48E-05	5.87E-07	2.56E-05	2.73E-05	1.16E-04	1.11E-04	2.50E-05	9.90E-05	4.21E-06	4.65E-06	1.35E-06	3.18E-06
358	6369.601	Grid Location	1.18E-01	5.21E-02	2.20E+00	2.98E+00	1.89E-01	4.05E-01	8.85E-05	4.19E-10	1.03E+00	1.69E-01	5.00E-01	2.11E-06	4.36E-07	2.55E-05	6.03E-07	2.63E-05	2.83E-05	1.25E-04	1.15E-04	2.57E-05	1.02E-04	4.42E-06	4.77E-06	1.38E-06	3.26E-06
356.5	6369.65	Grid Location	1.56E-01	6.76E-02	3.05E+00	4.68E+00	2.94E-01	5.21E-01	1.64E-04	7.91E-10	1.76E+00	2.92E-01	6.59E-01	3.11E-06	6.61E-07	3.66E-05	8.62E-07	3.81E-05	4.32E-05	2.28E-04	1.70E-04	3.70E-05	1.46E-04	7.24E-06	6.82E-06	1.98E-06	4.67E-06
356.55	6369.65	Grid Location	1.61E-01	7.05E-02	3.14E+00	4.74E+00	2.93E-01	5.51E-01	1.61E-04	7.80E-10	1.76E+00	2.90E-01	6.84E-01	3.10E-06	6.58E-07	3.66E-05	8.63E-07	3.81E-05	4.30E-05	2.24E-04	1.69E-04	3.70E-05	1.46E-04	7.16E-06	6.83E-06	1.98E-06	4.67E-06
356.6	6369.65	Grid Location	1.67E-01	7.36E-02	3.24E+00	4.79E+00	2.93E-01	5.86E-01	1.58E-04	7.66E-10	1.76E+00	2.88E-01	7.10E-01	3.11E-06	6.56E-07	3.68E-05	8.67E-07	3.82E-05	4.29E-05	2.19E-04	1.69E-04	3.71E-05	1.46E-04	7.09E-06	6.86E-06	1.99E-06	4.69E-06
356.65	6369.65	Grid Location	1.75E-01	7.75E-02	3.37E+00	4.86E+00	2.94E-01	6.26E-01	1.55E-04	7.55E-10	1.76E+00	2.87E-01	7.44E-01	3.13E-06	6.60E-07	3.72E-05	8.77E-07	3.86E-05	4.30E-05	2.16E-04	1.71E-04	3.75E-05	1.48E-04	7.06E-06	6.94E-06	2.01E-06	4.75E-06
356.7	6369.65	Grid Location	1.85E-01	8.24E-02	3.52E+00	4.95E+00	2.95E-01	6.72E-01	1.53E-04	7.45E-10	1.77E+00	2.86E-01	7.84E-01	3.18E-06	6.67E-07	3.78E-05	8.92E-07	3.93E-05	4.35E-05	2.13E-04	1.73E-04	3.82E-05	1.51E-04	7.07E-06	7.07E-06	2.05E-06	4.83E-06
356.75	6369.65	Grid Location	1.97E-01	8.79E-02	3.68E+00	5.04E+00	2.96E-01	7.28E-01	1.50E-04	7.28E-10	1.77E+00	2.84E-01	8.25E-01	3.22E-06	6.72E-07	3.85E-05	9.08E-07	3.99E-05	4.38E-05	2.09E-04	1.75E-04	3.88E-05	1.53E-04	7.04E-06	7.19E-06	2.08E-06	4.92E-06
356.8	6369.65	Grid Location	2.05E-01	9.21E-02	3.78E+00	5.03E+00	2.90E-01	7.75E-01	1.42E-04	6.91E-10	1.73E+00	2.75E-01	8.53E-01	3.19E-06	6.63E-07	3.83E-05	9.05E-07	3.97E-05	4.31E-05	1.98E-04	1.73E-04	3.86E-05	1.53E-04	6.83E-06	7.17E-06	2.07E-06	4.90E-06
356.85	6369.65	Grid Location	2.10E-01	9.48E-02	3.82E+00	4.94E+00	2.82E-01	8.06E-01	1.31E-04	6.36E-10	1.64E+00	2.62E-01	8.64E-01	3.16E-06	6.51E-07	3.83E-05	9.05E-07	3.95E-05	4.23E-05	1.82E-04	1.71E-04	3.85E-05	1.53E-04	6.54E-06	7.17E-06	2.07E-06	4.90E-06
356.9	6369.65	Grid Location	2.17E-01	9.75E-02	3.86E+00	4.89E+00	2.81E-01	8.39E-01	1.20E-04	5.81E-10	1.56E+00	2.52E-01	8.69E-01	3.21E-06	6.53E-07	3.92E-05	9.29E-07	4.03E-05	4.24E-05	1.68E-04	1.74E-04	3.95E-05	1.56E-04	6.36E-06	7.35E-06	2.13E-06	5.03E-06
356.95	6369.65	Grid Location	2.21E-01	9.93E-02	3.83E+00	4.80E+00	2.71E-01	8.73E-01	1.13E-04	5.37E-10	1.48E+00	2.39E-01	8.56E-01	3.15E-06	6.39E-07	3.86E-05	9.16E-07	3.97E-05	4.14E-05	1.58E-04	1.70E-04	3.89E-05	1.54E-04	6.14E-06	7.25E-06	2.10E-06	4.96E-06
357	6369.65	Grid Location	2.16E-01	9.78E-02	3.66E+00	4.56E+00	2.39E-01	8.91E-01	1.08E-04	5.00E-10	1.39E+00	2.14E-01	8.18E-01	2.78E-06	5.68E-07	3.38E-05	8.01E-07	3.48E-05	3.69E-05	1.51E-04	1.51E-04	3.41E-05	1.35E-04	5.59E-06	6.34E-06	1.84E-06	4.34E-06
357.05	6369.65	Grid Location	1.98E-01	9.09E-02	3.35E+00	4.08E+00	1.95E-01	8.52E-01	9.55E-05	4.36E-10	1.24E+00	1.80E-01	7.62E-01	2.22E-06	4.59E-07	2.68E-05	6.33E-07	2.77E-05	2.99E-05	1.33E-04	1.21E-04	2.70E-05	1.07E-04	4.68E-06	5.01E-06	1.45E-06	3.43E-06
357.1	6369.65	Grid Location	1.80E-01	8.40E-02	3.12E+00	3.62E+00	1.76E-01	7.86E-01	8.05E-05	3.69E-10	1.10E+00	1.58E-01	7.32E-01	1.98E-06	4.07E-07	2.40E-05	5.68E-07	2.47E-05	2.64E-05	1.12E-04	1.07E-04	2.42E-05	9.57E-05	4.06E-06	4.50E-06	1.30E-06	3.08E-06
357.15	6369.65	Grid Location	1.82E-01	8.53E-02	3.14E+00	3.46E+00	1.78E-01	7.95E-01	6.81E-05	3.16E-10	1.03E+00	1.49E-01	7.53E-01	1.99E-06	4.02E-07	2.45E-05	5.82E-07	2.52E-05	2.60E-05	9.53E-05	1.08E-04	2.47E-05	9.78E-05	3.80E-06	4.60E-06	1.33E-06	3.15E-06
357.2	6369.65	Grid Location	1.76E-01	8.30E-02	3.05E+00	3.30E+00	1.65E-01	7.83E-01	6.30E-05	2.92E-10	9.74E-01	1.37E-01	7.39E-01	1.80E-06	3.64E-07	2.21E-05	5.24E-07	2.27E-05	2.36E-05	8.81E-05	9.72E-05	2.22E-05	8.81E-05	3.47E-06	4.15E-06	1.20E-06	2.84E-06
357.25	6369.65	Grid Location	1.57E-01	7.51E-02	2.76E+00	2.95E+00	1.44E-01	7.16E-01	5.86E-05	2.71E-10	8.94E-01	1.22E-01	6.80E-01	1.51E-06	3.09E-07	1.84E-05	4.36E-07	1.90E-05	2.01E-05	8.19E-05	8.20E-05	1.85E-05	7.35E-05	3.04E-06	3.45E-06	1.00E-06	2.36E-06
357.3	6369.65	Grid Location	1.39E-01	6.72E-02	2.45E+00	2.57E+00	1.27E-01	6.50E-01	4.75E-05	2.26E-10	7.73E-01	1.05E-01	6.12E-01	1.30E-06	2.64E-07	1.59E-05	3.78E-07	1.64E-05	1.72E-05	6.65E-05	7.05E-05	1.60E-05	6.36E-05	2.55E-06	2.99E-06	8.66E-07	2.05E-06
357.35	6369.65	Grid Location	1.31E-01	6.35E-02	2.27E+00	2.32E+00	1.15E-01	6.32E-01	3.68E-05	1.81E-10	6.71E-01	9.02E-02	5.67E-01	1.15E-06	2.31E-07	1.43E-05	3.39E-07	1.46E-05	1.49E-05	5.17E-05	6.22E-05	1.43E-05	5.69E-05	2.14E-06	2.68E-06	7.76E-07	1.83E-06
357.4	6369.65	Grid Location	1.21E-01	5.88E-02	2.13E+00	2.14E+00	1.05E-01	5.74E-01	3.18E-05	1.58E-10	6.12E-01	8.09E-02	5.36E-01	1.01E-06	2.03E-07	1.26E-05	2.99E-07	1.29E-05	1.31E-05	4.47E-05	5.48E-05	1.26E-05	5.02E-05	1.88E-06	2.36E-06	6.84E-07	1.62E-06
357.45	6369.65	Grid Location	1.11E-01	5.40E-02	2.01E+00	2.03E+00	1.04E-01	5.23E-01	3.01E-05	1.52E-10	5.83E-01	7.93E-02	5.05E-01	9.86E-07	1.97E-07	1.23E-05	2.91E-07	1.25E-05	1.27E-05	4.24E-05	5.33E-05	1.23E-05	4.89E-05	1.81E-06	2.30E-06	6.67E-07	1.58E-06
357.5	6369.65	Grid Location	1.02E-01	4.83E-02	1.96E+00	2.08E+00	1.11E-01	4.80E-01	3.03E-05	1.57E-10	5.77E-01	8.36E-02	4.72E-01	1.05E-06	2.09E-07	1.31E-05	3.12E-07	1.34E-05	1.35E-05	4.29E-05	5.67E-05	1.32E-05	5.23E-05	1.89E-06	2.47E-06	7.14E-07	1.69E-06
357.55	6369.65	Grid Location	1.01E-01	4.69E-02	1.94E+00	2.16E+00	1.17E-01	4.87E-01	3.23E-05	1.68E-10	5.88E-01	8.85E-02	4.54E-01	1.10E-06	2.20E-07	1.38E-05	3.27E-07	1.41E-05	1.42E-05	4.57E-05	5.97E-05	1.38E-05	5.50E-05	1.99E-06	2.59E-06	7.50E-07	1.77E-06
357.6	6369.65	Grid Location	1.02E-01	4.74E-02	1.95E+00	2.19E+00	1.20E-01	4.80E-01	3.41E-05	1.78E-10	6.07E-01	9.18E-02	4.59E-01	1.13E-06	2.26E-07	1.41E-05	3.35E-07	1.44E-05	1.46E-05	4.82E-05	6.12E-05	1.42E-05	5.62E-05	2.06E-06	2.65E-06	7.67E-07	1.81E-06
357.65	6369.65	Grid Location	1.01E-01	4.67E-02	1.96E+00	2.24E+00	1.25E-01	4.60E-01	3.73E-05	1.93E-10	6.33E-01	9.70E-02	4.58E-01	1.18E-06	2.37E-07	1.47E-05	3.48E-07	1.50E-05	1.53E-05	5.26E-05	6.40E-05	1.47E-05	5.85E-05	2.19E-06	2.76E-06	7.98E-07	1.89E-06
357.7	6369.65	Grid Location	1.01E-01	4.63E-02	1.97E+00	2.33E+00	1.34E-01	4.46E-01	4.27E-05	2.18E-10	6.74E-01	1.06E-01	4.55E-01	1.28E-06	2.57E-07	1.58E-05	3.74E-07	1.62E-05	1.67E-05	6.01E-05	6.91E-05	1.58E-05	6.29E-05	2.42E-06	2.96E-06	8.57E-07	2.02E-06
357.75	6369.65	Grid Location	1.04E-01	4.72E-02	2.01E+00	2.44E+00	1.43E-01	4.44E-01	4.84E-05	2.44E-10	7.23E-01	1.15E-01	4.62E-01	1.38E-06	2.80E-07	1.70E-05	4.03E-07	1.75E-05	1.81E-05	6.80E-05	7.49E-05	1.71E-05	6.78E-05	2.67E-06	3.19E-06	9.24E-07	2.18E-06
357.8	6369.65	Grid Location	1.10E-01	4.98E-02	2.10E+00	2.59E+00	1.55E-01	4.49E-01	5.68E-05	2.84E-10	8.02E-01	1.28E-01	4.84E-01	1.52E-06	3.10E-07	1.86E-05	4.41E-07	1.91E-05	2.01E-05	7.98E-05	8.24E-05	1.87E-05	7.42E-05	3.02E-06	3.49E-06	1.01E-06	2.39E-06
357.85	6369.65	Grid Location	1.17E-01	5.30E-02	2.21E+00	2.78E+00	1.68E-01	4.51E-01	6.76E-05	3.34E-10	9.02E-01	1.43E-01	5.14E-01	1.69E-06	3.47E-07	2.05E-05	4.86E-07	2.12E-05	2.25E-05	9.49E-05	9.17E-05	2.07E-05	8.18E-05	3.46E-06	3.85E-06	1.11E-06	2.63E-06
357.9	6369.65	Grid Location	1.20E-01	5.46E-02	2.27E+00	2.93E+00	1.78E-01	4.40E-01	7.78E-05	3.81E-10	9.89E-01	1.57E-01	5.30E-01	1.84E-06	3.81E-07	2.22E-05	5.26E-07	2.30E-05	2.48E-05	1.09E-04	1.00E-04	2.24E-05	8.87E-05	3.86E-06	4.16E-06	1.21E-06	2.85E-06
357.95	6369.65	Grid Location	1.20E-01	5.41E-02	2.26E+00	3.00E+00	1.85E-01	4.21E-01	8.54E-05	4.14E-10	1.04E+00	1.66E-01	5.24E-01	1.95E-06	4.05E-07	2.35E-05	5.55E-07	2.43E-05	2.64E-05	1.20E-04	1.06E-04	2.37E-05	9.37E-05	4.16E-06	4.40E-06	1.27E-06	3.01E-06
358	6369.65	Grid Location	1.16E-01	5.17E-02	2.18E+00	2.98E+00	1.87E-01	3.97E-01	8.94E-05	4.30E-10	1.05E+00	1.69E-01	4.99E-01	2.00E-06	4.17E-07	2.41E-05	5.68E-07	2.49E-05	2.71E-05	1.26E-04	1.09E-04	2.42E-05	9.59E-05	4.31E-06	4.50E-06	1.30E-06	3.08E-06
356.5	6369.701	Grid Location	1.56E-01	6.80E-02	3.02E+00	4.60E+00	2.89E-01	5.16E-01	1.60E-04	7.68E-10	1.72E+00	2.85E-01	6.61E-01	3.08E-06	6.52E-07	3.63E-05	8.54E-07	3.78E-05	4.26E-05	2.23E-04	1.68E-04	3.66E-05	1.44E-04	7.11E-06	6.76E-06	1.96E-06	4.63E-06
356.55	6369.701	Grid Location	1.64E-01	7.20E-02	3.16E+00	4.71E+00	2.95E-01	5.54E-01	1.59E-04	7.65E-10	1.74E+00	2.87E-01	6.95E-01	3.14E-06	6.64E-07	3.72E-05	8.77E-07	3.87E-05	4.34E-05	2.22E-04	1.71E-04	3.75E-05	1.48E-04	7.17E-06	6.94E-06	2.01E-06	4.75E-06
356.6	6369.701	Grid Location	1.72E-01	7.56E-02	3.29E+00	4.80E+00	2.98E-01	5.92E-01	1.57E-04	7.56E-10	1.75E+00	2.88E-01	7.25E-01	3.20E-06	6.73E-07	3.80E-05	8.97E-07	3.95E-05	4.39E-05	2.19E-04	1.74E-04	3.84E-05	1.51E-04	7.18E-06	7.10E-06	2.05E-06	4.86E-06
356.65	6369.701	Grid Location	1.80E-01	7.93E-02	3.41E+00	4.88E+00	3.00E-01	6.34E-01	1.54E-04	7.45E-10	1.75E+00	2.88E-01	7.53E-01	3.25E-06	6.82E-07	3.88E-05	9.16E-07	4.03E-05	4.44E-05	2.15E-04	1.77E-04	3.92E-05	1.55E-04	7.18E-06	7.25E-06	2.10E-06	4.96E-06
356.7	6369.701	Grid Location	1.89E-01	8.34E-02	3.53E+00	4.97E+00	3.02E-01	6.76E-01	1.53E-04	7.35E-10	1.76E+00	2.88E-01	7.83E-01	3.32E-06	6.93E-07	3.98E-05	9.38E-07	4.12E-05	4.51E-05	2.13E-04	1.81E-04	4.01E-05	1.58E-04	7.22E-06	7.43E-06	2.15E-06	5.08E-06

356.75	6369.701	Grid Location	2.00E-01	8.86E-02	3.70E+00	5.11E+00	3.07E-01	7.24E-01	1.52E-04	7.29E-10	1.77E+00	2.90E-01	8.21E-01	3.43E-06	7.12E-07	4.12E-05	9.74E-07	4.26E-05	4.64E-05	2.12E-04	1.86E-04	4.15E-05	1.64E-04	7.34E-06	7.71E-06	2.23E-06	5.28E-06
356.8	6369.701	Grid Location	2.11E-01	9.35E-02	3.83E+00	5.20E+00	3.11E-01	7.70E-01	1.50E-04	7.13E-10	1.77E+00	2.90E-01	8.51E-01	3.53E-06	7.29E-07	4.26E-05	1.01E-06	4.40E-05	4.74E-05	2.09E-04	1.92E-04	4.29E-05	1.70E-04	7.40E-06	7.98E-06	2.31E-06	5.46E-06
356.85	6369.701	Grid Location	2.18E-01	9.70E-02	3.90E+00	5.18E+00	3.07E-01	8.00E-01	1.44E-04	6.79E-10	1.73E+00	2.83E-01	8.67E-01	3.55E-06	7.30E-07	4.31E-05	1.02E-06	4.44E-05	4.74E-05	2.01E-04	1.93E-04	4.34E-05	1.72E-04	7.29E-06	8.07E-06	2.34E-06	5.52E-06
356.9	6369.701	Grid Location	2.19E-01	9.76E-02	3.84E+00	5.00E+00	2.90E-01	8.13E-01	1.34E-04	6.27E-10	1.63E+00	2.65E-01	8.56E-01	3.40E-06	6.97E-07	4.14E-05	9.80E-07	4.27E-05	4.53E-05	1.87E-04	1.85E-04	4.17E-05	1.65E-04	6.90E-06	7.76E-06	2.25E-06	5.31E-06
356.95	6369.701	Grid Location	2.12E-01	9.50E-02	3.65E+00	4.71E+00	2.61E-01	8.17E-01	1.24E-04	5.68E-10	1.50E+00	2.39E-01	8.15E-01	3.07E-06	6.30E-07	3.73E-05	8.82E-07	3.84E-05	4.09E-05	1.73E-04	1.66E-04	3.75E-05	1.49E-04	6.28E-06	6.98E-06	2.02E-06	4.78E-06
357	6369.701	Grid Location	1.99E-01	8.97E-02	3.42E+00	4.39E+00	2.29E-01	8.02E-01	1.15E-04	5.18E-10	1.38E+00	2.13E-01	7.61E-01	2.67E-06	5.52E-07	3.22E-05	7.61E-07	3.33E-05	3.59E-05	1.60E-04	1.45E-04	3.24E-05	1.28E-04	5.63E-06	6.03E-06	1.74E-06	4.12E-06
357.05	6369.701	Grid Location	1.83E-01	8.32E-02	3.20E+00	4.01E+00	2.02E-01	7.61E-01	1.03E-04	4.61E-10	1.25E+00	1.88E-01	7.21E-01	2.30E-06	4.78E-07	2.77E-05	6.53E-07	2.86E-05	3.11E-05	1.43E-04	1.25E-04	2.79E-05	1.10E-04	4.93E-06	5.17E-06	1.50E-06	3.54E-06
357.1	6369.701	Grid Location	1.79E-01	8.20E-02	3.15E+00	3.74E+00	1.92E-01	7.51E-01	8.49E-05	3.88E-10	1.13E+00	1.69E-01	7.28E-01	2.17E-06	4.44E-07	2.64E-05	6.25E-07	2.72E-05	2.88E-05	1.18E-04	1.18E-04	2.66E-05	1.05E-04	4.38E-06	4.95E-06	1.43E-06	3.39E-06
357.15	6369.701	Grid Location	1.80E-01	8.35E-02	3.16E+00	3.62E+00	1.82E-01	7.72E-01	7.46E-05	3.44E-10	1.07E+00	1.56E-01	7.43E-01	2.02E-06	4.11E-07	2.47E-05	5.86E-07	2.54E-05	2.66E-05	1.04E-04	1.09E-04	2.49E-05	9.86E-05	3.98E-06	4.64E-06	1.34E-06	3.17E-06
357.2	6369.701	Grid Location	1.69E-01	7.91E-02	3.00E+00	3.40E+00	1.63E-01	7.45E-01	7.26E-05	3.32E-10	1.02E+00	1.43E-01	7.12E-01	1.77E-06	3.63E-07	2.14E-05	5.06E-07	2.21E-05	2.36E-05	1.01E-04	9.58E-05	2.16E-05	8.53E-05	3.65E-06	4.01E-06	1.16E-06	2.74E-06
357.25	6369.701	Grid Location	1.54E-01	7.32E-02	2.76E+00	3.10E+00	1.45E-01	6.96E-01	6.73E-05	3.10E-10	9.49E-01	1.29E-01	6.66E-01	1.53E-06	3.17E-07	1.84E-05	4.34E-07	1.90E-05	2.06E-05	9.37E-05	8.30E-05	1.85E-05	7.33E-05	3.25E-06	3.44E-06	9.96E-07	2.35E-06
357.3	6369.701	Grid Location	1.42E-01	6.76E-02	2.53E+00	2.79E+00	1.32E-01	6.51E-01	5.63E-05	2.66E-10	8.43E-01	1.14E-01	6.16E-01	1.36E-06	2.79E-07	1.64E-05	3.88E-07	1.70E-05	1.82E-05	7.85E-05	7.36E-05	1.65E-05	6.55E-05	2.81E-06	3.08E-06	8.90E-07	2.10E-06
357.35	6369.701	Grid Location	1.36E-01	6.51E-02	2.38E+00	2.58E+00	1.22E-01	6.42E-01	4.55E-05	2.21E-10	7.48E-01	1.01E-01	5.81E-01	1.23E-06	2.51E-07	1.51E-05	3.58E-07	1.55E-05	1.63E-05	6.36E-05	6.68E-05	1.52E-05	6.02E-05	2.43E-06	2.83E-06	8.20E-07	1.94E-06
357.4	6369.701	Grid Location	1.26E-01	6.07E-02	2.25E+00	2.39E+00	1.15E-01	5.87E-01	4.02E-05	1.98E-10	6.90E-01	9.29E-02	5.51E-01	1.13E-06	2.28E-07	1.38E-05	3.28E-07	1.42E-05	1.48E-05	5.64E-05	6.10E-05	1.39E-05	5.51E-05	2.19E-06	2.59E-06	7.51E-07	1.77E-06
357.45	6369.701	Grid Location	1.16E-01	5.55E-02	2.10E+00	2.25E+00	1.13E-01	5.33E-01	3.78E-05	1.87E-10	6.50E-01	9.02E-02	5.12E-01	1.08E-06	2.19E-07	1.33E-05	3.15E-07	1.36E-05	1.42E-05	5.31E-05	5.85E-05	1.34E-05	5.30E-05	2.09E-06	2.49E-06	7.22E-07	1.71E-06
357.5	6369.701	Grid Location	1.05E-01	4.97E-02	2.01E+00	2.20E+00	1.19E-01	4.76E-01	3.63E-05	1.85E-10	6.30E-01	9.29E-02	4.82E-01	1.14E-06	2.28E-07	1.41E-05	3.34E-07	1.44E-05	1.48E-05	5.12E-05	6.14E-05	1.41E-05	5.61E-05	2.12E-06	2.64E-06	7.65E-07	1.81E-06
357.55	6369.701	Grid Location	9.87E-02	4.54E-02	1.94E+00	2.22E+00	1.24E-01	4.54E-01	3.69E-05	1.91E-10	6.25E-01	9.62E-02	4.51E-01	1.18E-06	2.37E-07	1.47E-05	3.48E-07	1.50E-05	1.53E-05	5.21E-05	6.39E-05	1.47E-05	5.85E-05	2.18E-06	2.76E-06	7.98E-07	1.89E-06
357.6	6369.701	Grid Location	9.96E-02	4.58E-02	1.94E+00	2.25E+00	1.26E-01	4.56E-01	3.93E-05	2.04E-10	6.47E-01	9.97E-02	4.51E-01	1.20E-06	2.42E-07	1.48E-05	3.52E-07	1.52E-05	1.56E-05	5.55E-05	6.50E-05	1.49E-05	5.92E-05	2.26E-06	2.79E-06	8.07E-07	1.91E-06
357.65	6369.701	Grid Location	1.00E-01	4.64E-02	1.96E+00	2.29E+00	1.30E-01	4.44E-01	4.25E-05	2.21E-10	6.77E-01	1.05E-01	4.58E-01	1.24E-06	2.51E-07	1.53E-05	3.62E-07	1.57E-05	1.62E-05	5.99E-05	6.71E-05	1.54E-05	6.09E-05	2.38E-06	2.87E-06	8.30E-07	1.96E-06
357.7	6369.701	Grid Location	9.99E-02	4.58E-02	1.96E+00	2.34E+00	1.38E-01	4.27E-01	4.59E-05	2.38E-10	7.05E-01	1.11E-01	4.55E-01	1.32E-06	2.66E-07	1.62E-05	3.84E-07	1.66E-05	1.73E-05	6.47E-05	7.12E-05	1.63E-05	6.46E-05	2.54E-06	3.04E-06	8.79E-07	2.08E-06
357.75	6369.701	Grid Location	1.01E-01	4.55E-02	1.97E+00	2.45E+00	1.47E-01	4.18E-01	5.20E-05	2.66E-10	7.51E-01	1.21E-01	4.50E-01	1.42E-06	2.89E-07	1.74E-05	4.12E-07	1.79E-05	1.87E-05	7.32E-05	7.70E-05	1.75E-05	6.94E-05	2.80E-06	3.26E-06	9.45E-07	2.23E-06
357.8	6369.701	Grid Location	1.03E-01	4.63E-02	2.00E+00	2.59E+00	1.56E-01	4.17E-01	6.05E-05	3.05E-10	8.18E-01	1.32E-01	4.54E-01	1.53E-06	3.14E-07	1.86E-05	4.40E-07	1.92E-05	2.04E-05	8.50E-05	8.30E-05	1.87E-05	7.42E-05	3.11E-06	3.49E-06	1.01E-06	2.38E-06
357.85	6369.701	Grid Location	1.09E-01	4.90E-02	2.09E+00	2.76E+00	1.66E-01	4.25E-01	7.10E-05	3.52E-10	9.07E-01	1.45E-01	4.76E-01	1.66E-06	3.43E-07	2.00E-05	4.73E-07	2.07E-05	2.23E-05	9.95E-05	9.01E-05	2.02E-05	7.98E-05	3.50E-06	3.75E-06	1.08E-06	2.56E-06
357.9	6369.701	Grid Location	1.14E-01	5.17E-02	2.17E+00	2.89E+00	1.74E-01	4.26E-01	8.03E-05	3.93E-10	9.89E-01	1.56E-01	5.01E-01	1.78E-06	3.70E-07	2.13E-05	5.03E-07	2.20E-05	2.41E-05	1.12E-04	9.65E-05	2.15E-05	8.49E-05	3.84E-06	3.98E-06	1.15E-06	2.72E-06
357.95	6369.701	Grid Location	1.17E-01	5.28E-02	2.21E+00	2.97E+00	1.81E-01	4.15E-01	8.72E-05	4.23E-10	1.04E+00	1.65E-01	5.12E-01	1.87E-06	3.91E-07	2.24E-05	5.28E-07	2.32E-05	2.55E-05	1.22E-04	1.02E-04	2.25E-05	8.91E-05	4.11E-06	4.18E-06	1.21E-06	2.86E-06
358	6369.701	Grid Location	1.13E-01	5.11E-02	2.15E+00	2.95E+00	1.82E-01	3.90E-01	9.07E-05	4.38E-10	1.06E+00	1.68E-01	4.96E-01	1.91E-06	4.01E-07	2.28E-05	5.38E-07	2.37E-05	2.61E-05	1.27E-04	1.04E-04	2.30E-05	9.09E-05	4.23E-06	4.26E-06	1.23E-06	2.92E-06
356.5	6369.75	Grid Location	1.59E-01	6.94E-02	3.06E+00	4.61E+00	2.92E-01	5.22E-01	1.60E-04	7.59E-10	1.72E+00	2.84E-01	6.72E-01	3.14E-06	6.64E-07	3.72E-05	8.77E-07	3.87E-05	4.34E-05	2.22E-04	1.71E-04	3.75E-05	1.48E-04	7.18E-06	6.94E-06	2.01E-06	4.75E-06
356.55	6369.75	Grid Location	1.67E-01	7.32E-02	3.19E+00	4.72E+00	2.98E-01	5.59E-01	1.59E-04	7.58E-10	1.74E+00	2.87E-01	7.02E-01	3.23E-06	6.80E-07	3.84E-05	9.05E-07	3.99E-05	4.44E-05	2.22E-04	1.76E-04	3.87E-05	1.53E-04	7.27E-06	7.16E-06	2.07E-06	4.90E-06
356.6	6369.75	Grid Location	1.76E-01	7.70E-02	3.32E+00	4.84E+00	3.03E-01	5.99E-01	1.58E-04	7.54E-10	1.75E+00	2.90E-01	7.31E-01	3.31E-06	6.94E-07	3.95E-05	9.31E-07	4.09E-05	4.53E-05	2.21E-04	1.80E-04	3.98E-05	1.57E-04	7.34E-06	7.37E-06	2.13E-06	5.04E-06
356.65	6369.75	Grid Location	1.84E-01	8.07E-02	3.45E+00	4.95E+00	3.08E-01	6.41E-01	1.57E-04	7.49E-10	1.76E+00	2.93E-01	7.58E-01	3.40E-06	7.10E-07	4.07E-05	9.61E-07	4.22E-05	4.63E-05	2.19E-04	1.85E-04	4.10E-05	1.62E-04	7.42E-06	7.61E-06	2.20E-06	5.20E-06
356.7	6369.75	Grid Location	1.94E-01	8.48E-02	3.58E+00	5.08E+00	3.14E-01	6.82E-01	1.57E-04	7.46E-10	1.78E+00	2.96E-01	7.85E-01	3.52E-06	7.31E-07	4.23E-05	9.98E-07	4.37E-05	4.76E-05	2.20E-04	1.91E-04	4.26E-05	1.68E-04	7.55E-06	7.90E-06	2.29E-06	5.41E-06
356.75	6369.75	Grid Location	2.04E-01	8.92E-02	3.72E+00	5.22E+00	3.22E-01	7.18E-01	1.59E-04	7.46E-10	1.80E+00	3.01E-01	8.15E-01	3.68E-06	7.61E-07	4.43E-05	1.05E-06	4.58E-05	4.95E-05	2.22E-04	2.00E-04	4.47E-05	1.77E-04	7.77E-06	8.30E-06	2.40E-06	5.68E-06
356.8	6369.75	Grid Location	2.12E-01	9.29E-02	3.82E+00	5.29E+00	3.26E-01	7.45E-01	1.59E-04	7.39E-10	1.81E+00	3.03E-01	8.34E-01	3.79E-06	7.82E-07	4.59E-05	1.08E-06	4.73E-05	5.09E-05	2.22E-04	2.06E-04	4.62E-05	1.83E-04	7.90E-06	8.58E-06	2.48E-06	5.87E-06
356.85	6369.75	Grid Location	2.18E-01	9.58E-02	3.84E+00	5.26E+00	3.18E-01	7.71E-01	1.58E-04	7.21E-10	1.78E+00	2.96E-01	8.43E-01	3.75E-06	7.75E-07	4.54E-05	1.07E-06	4.69E-05	5.04E-05	2.20E-04	2.04E-04	4.58E-05	1.81E-04	7.82E-06	8.50E-06	2.46E-06	5.82E-06
356.9	6369.75	Grid Location	2.15E-01	9.55E-02	3.74E+00	5.05E+00	2.91E-01	7.83E-01	1.51E-04	6.78E-10	1.69E+00	2.74E-01	8.26E-01	3.46E-06	7.18E-07	4.18E-05	9.87E-07	4.32E-05	4.67E-05	2.09E-04	1.88E-04	4.21E-05	1.66E-04	7.33E-06	7.82E-06	2.26E-06	5.35E-06
356.95	6369.75	Grid Location	2.04E-01	9.12E-02	3.53E+00	4.71E+00	2.56E-01	7.71E-01	1.39E-04	6.17E-10	1.56E+00	2.45E-01	7.83E-01	3.03E-06	6.32E-07	3.64E-05	8.59E-07	3.77E-05	4.12E-05	1.92E-04	1.65E-04	3.67E-05	1.45E-04	6.57E-06	6.80E-06	1.97E-06	4.65E-06
357	6369.75	Grid Location	1.85E-01	8.34E-02	3.25E+00	4.25E+00	2.22E-01	7.25E-01	1.21E-04	5.40E-10	1.39E+00	2.13E-01	7.28E-01	2.58E-06	5.39E-07	3.08E-05	7.27E-07	3.19E-05	3.51E-05	1.69E-04	1.40E-04	3.11E-05	1.23E-04	5.66E-06	5.76E-06	1.67E-06	3.94E-06
357.05	6369.75	Grid Location	1.74E-01	7.89E-02	3.12E+00	3.93E+00	2.09E-01	6.94E-01	1.04E-04	4.68E-10	1.26E+00	1.93E-01	7.08E-01	2.38E-06	4.92E-07	2.86E-05	6.76E-07	2.96E-05	3.21E-05	1.45E-04	1.29E-04	2.88E-05	1.14E-04	5.05E-06	5.35E-06	1.55E-06	3.66E-06
357.1	6369.75	Grid Location	1.76E-01	8.02E-02	3.15E+00	3.83E+00	2.07E-01	7.12E-01	9.13E-05	4.16E-10	1.18E+00	1.83E-01	7.23E-01	2.35E-06	4.80E-07	2.86E-05	6.77E-07	2.94E-05	3.12E-05	1.27E-04	1.27E-04	2.88E-05	1.14E-04	4.73E-06	5.36E-06	1.55E-06	3.67E-06
357.15	6369.75	Grid Location	1.74E-01	7.96E-02	3.12E+00	3.72E+00	1.93E-01	7.23E-01	8.50E-05	3.87E-10	1.13E+00	1.70E-01	7.19E-01	2.15E-06	4.42E-07	2.62E-05	6.21E-07	2.70E-05	2.87E-05	1.19E-04	1.17E-04	2.64E-05	1.05E-04	4.37E-06	4.92E-06	1.42E-06	3.36E-06
357.2	6369.75	Grid Location	1.62E-01	7.48E-02	2.93E+00	3.48E+00	1.73E-01	6.94E-01	8.08E-05	3.67E-10	1.07E+00	1.55E-01	6.84E-01	1.88E-06	3.89E-07	2.27E-05	5.36E-07	2.34E-05	2.53E-05	1.13E-04	1.02E-04	2.28E-05	9.03E-05	3.96E-06	4.24E-06	1.23E-06	2.90E-06
357.25	6369.75	Grid Location	1.49E-01	6.95E-02	2.70E+00	3.16E+00	1.53E-01	6.51E-01	7.19E-05	3.32E-10	9.72E-01	1.37E-01	6.39E-01	1.61E-06	3.35E-07	1.93E-05	4.57E-07	2.00E-05	2.18E-05	1.00E-04	8.75E-05	1.95E-05	7.71E-05	3.45E-06	3.62E-06	1.05E-06	2.48E-06
357.3	6369.75	Grid Location	1.39E-01	6.54E-02	2.52E+00	2.91E+00	1.41E-01	6.20E-01	6.15E-05	2.90E-10	8.76E-01	1.23E-01	5.99E-01	1.45E-06	3.00E-07	1.76E-05	4.16E-07	1.82E-05	1.95E-05	8.57E-05	7.90E-05	1.77E-05	7.01E-05	3.04E-06	3.29E-06	9.53E-07	2.25E-06
357.35	6369.75	Grid Location	1.36E-01	6.42E-02	2.42E+00	2.75E+00	1.35E-01	6.20E-01	5.17E-05	2.50E-10	7.97E-01	1.12E-01	5.76E-01	1.36E-06	2.78E-07	1.67E-05	3.95E-07	1.71E-05	1.81E-05	7.23E-05	7.39E-05	1.68E-05	6.64E-05	2.72E-06	3.12E-06	9.04E-07	2.14E-06
357.4	6369.75	Grid Location	1.29E-01	6.09E-02	2.31E+00	2.57E+00	1.28E-01	5.77E-01	4.67E-05	2.28E-10	7.46E-01	1.05E-01	5.54E-01	1.28E-06	2.60E-07	1.56E-05	3.71E-07	1.61E-05	1.68E-05	6.55E-05	6.91E-05	1.57E-05	6.24E-05	2.51E-06	2.93E-06	8.49E-07	2.01E-06
357.45	6369.75	Grid Location	1.18E-01	5.56E-02	2.16E+00	2.41E+00	1.23E-01	5.22E-01	4.43E-05	2.17E-10	7.04E-01	1.01E-01	5.16E-01	1.19E-06	2.43E-07	1.46E-05	3.46E-07	1.50E-05	1.58E-05	6.20E-05	6.46E-05	1.47E-05	5.82E-05	2.36E-06	2.74E-06	7.92E-07	1.87E-06
357.5	6369.75	Grid Location	1.07E-01	5.06E-02	2.03E+00	2.27E+00	1.23E-01	4.68E-01	4.23E-05	2.12E-10	6.77E-01	9.97E-02	4.87E-01	1.18E-06	2.39E-07	1.44E-05	3.42E-07	1.48E-05	1.55E-05	5.94E-05	6.37E-05	1.45E-05	5.75E-05	2.30E-06	2.71E-06	7.83E-07	1.85E-06
357.55	6369.75	Grid Location	9.73E-02	4.49E-02	1.93E+00	2.25E+00	1.27E-01	4.25E-01	4.25E-05	2.18E-10	6.69E-01	1.03E-01	4.53E-01	1.23E-06	2.48E-07	1.51E-05	3.58E-07	1.55E-05	1.61E-05	5.98E-05	6.64E-05	1.52E-05	6.03E-05	2.36E-06	2.84E-06	8.21E-07	1.94E-06
357.6	6369.75	Grid Location	9.66E-02	4.39E-02	1.92E+00	2.30E+00	1.32E-01	4.24E-01	4.48E-05	2.32E-10	6.87E-01	1.08E-01	4.42E-01	1.28E-06	2.60E-07	1.58E-05	3.74E-07	1.62E-05	1.68E-05	6.31E-05	6.94E-05	1.59E-05	6.29E-05	2.48E-06	2.96E-06	8.56E-07	2.02E-06
357.65	6369.75	Grid Location	9.89E-02	4.51E-02	1.94E+00	2.35E+00	1.36E-01	4.25E-01	4.74E-05	2.46E-10	7.15E-01	1.12E-01	4.50E-01	1.32E-06	2.67E-07	1.61E-05	3.83E-07	1.66E-05	1.73E-05	6.68E-05	7.13E-05	1.62E-05	6.44E-05	2.58E-06	3.03E-06	8.77E-07	2.07E-06
357.7	6369.75	Grid Location	9.97E-02	4.56E-02	1.96E+00	2.40E+00	1.42E-01	4.17E-01	5.14E-05	2.67E-10	7.51E-01	1.19E-01	4.54E-01	1.37E-06	2.79E-07	1.67E-05	3.96E-07	1.72E-05	1.81E-05	7.24E-05	7.41E-05	1.68E-05	6.66E-05	2.73E-06	3.13E-06	9.07E-07	2.14E-06
357.75	6369.75	Grid Location	9.89E-02	4.49E-02	1.94E+00	2.47E+00	1.48E-01	4.03E-01	5.69E-05	2.93E-10	7.91E-01	1.27E-01	4.46E-01	1.44E-06	2.96E-07	1.75E-05	4.15E-07	1.81E-05	1.92E-05	8.01E-05	7.82E-05	1.76E-05	6.99E-05	2.93E-06	3.28E-06	9.51E-07	2.25E-06
357.8	6369.75	Grid Location	9.89E-02	4.43E-02	1.94E+00	2.57E+00	1.56E-01	3.92E-01	6.40E-05	3.25E-10	8.40E-01	1.36E-01	4.38E-01	1.53E-06	3.16E-07	1.85E-05	4.38E-07	1.91E-05	2.06E-05	8.99E-05	8.32E-05	1.87E-05	7.38E-05	3.20E-06	3.47E-06	1.00E-06	2.37E-06
357.85	6369.75	Grid Location	1.02E-01	4.53E-02	1.98E+00	2.70E+00	1.64E-01	3.93E-01	7.27E-05	3.62E-10	9.04E-01	1.46E-01	4.43E-01	1.64E-06	3.41E-07	1.97E-05	4.65E-07	2.04E-05	2.22E-05	1.02E-04	8.91E-05	1.98E-05	7.85E-05	3.51E-06	3.68E-06	1.07E-06	2.52E-06
357.9	6369.75	Grid Location	1.06E-01	4.71E-02	2.03E+00	2.81E+00	1.70E-01	3.97E-01	8.05E-05	3.95E-10	9.64E-01	1.55E-01	4.57E-01	1.73E-06	3.61E-07	2.06E-05	4.87E-07	2.14E-05	2.35E-05	1.13E-04	9.39E-05	2.08E-05	8.22E-05	3.79E-06	3.86E-06	1.12E-06	2.64E-06
357.95	6369.75	Grid Location	1.08E-01	4.85E-02	2.06E+00	2.86E+00	1.73E-01	3.92E-01	8.62E-05	4.18E-10	1.01E+00	1.60E-01	4.69E-01	1.78E-06	3.75E-07	2.12E-05	5.00E-07	2.20E-05	2.44E-05	1.21E-04	9.71E-05	2.14E-05	8.45E-05	3.98E-06	3.96E-06	1.15E-06	2.71E-06
358	6369.75	Grid Location	1.08E-01	4.87E-02	2.05E+00	2.86E+00	1.75E-01	3.76E-01	9.00E-05	4.33E-10	1.03E+00	1.64E-01	4.72E-01	1.82E-06	3.83E-07	2.16E-05	5.08E-07	2.24E-05	2.50E-05	1.26E-04	9.90E-05	2.18E-05	8.59E-05	4.11E-06	4.03E-06	1.17E-06	2.75E-06
356.5	6369.8	Grid Location	1.63E-01	7.09E-02	3.10E+00	4.66E+00	2.97E-01	5.32E-01	1.61E-04	7.60E-10	1.73E+00	2.86E-01	6.83E-01	3.24E-06	6.84E-07	3.85E-05	9.08E-07	4.00E-05	4.46E-05	2.25E-04	1.77E-04	3.88E-05	1.53E-04	7.33E-06	7.19E-06	2.08E-06	4.92E-06
356.55	6369.8	Grid Location	1.72E-01	7.48E-02	3.24E+00	4.81E+00	3.05E-01	5.69E-01	1.63E-04	7.66E-10	1.76E+00	2.92E-01	7.12E-01	3.36E-06	7.06E-07	4.00E-05	9.43E-07	4.15E-05	4.60E-05	2.27E-04	1.83E-04	4.03E-05	1.59E-04	7.50E-06	7.47E-06	2.16E-06	5.11E-06
356.6	6369.8	Grid Location	1.79E-01	7.79E-02	3.34E+00	4.91E+00	3.09E-01	6.04E-01	1.63E-04	7.64E-10	1.77E+00	2.95E-01	7.32E-01	3.44E-06	7.20E-07	4.10E-05	9.68E-07	4.25E-05	4.69E-05	2.27E-04	1.87E-04	4.14E-05	1.63E-04	7.58E-06	7.66E-06	2.22E-06	5.24E-06
356.65	6369.8	Grid Location	1.88E-01	8.19E-02	3.49E+00	5.07E+00	3.18E-01	6.43E-01	1.64E-04	7.68E-10	1.80E+00	3.02E-01	7.60E-01	3.58E-06	7.47E-07	4.29E-05	1.01E-06	4.44E-05	4.86E-05	2.29E-04	1.95E-04	4.32E-05	1.71E-04	7.78E-06	8.02E-06	2.32E-06	5.49E-06
356.7	6369.8	Grid Location	1.98E-01	8.58E-02	3.62E+00	5.22E+00	3.29E-01	6.77E-01	1.66E-04	7.73E-10	1.83E+00	3.09E-01	7.85E-01	3.75E-06	7.80E-07	4.52E-05	1.07E-06	4.67E-05	5.07E-05	2.32E-04	2.04E-04	4.55E-05	1.80E-04	8.02E-06	8.45E-06	2.45E-06	5.78E-06
356.75	6369.8	Grid Location	2.07E-01	8.96E-02	3.73E+00	5.33E+00	3.36E-01	7.05E-01	1.69E-04	7.77E-10	1.85E+00	3.14E-01	8.08E-01	3.91E-06	8.10E-07	4.72E-05	1.11E-06	4.87E-05	5.27E-05	2.36E-04	2.12E-04	4.75E-05	1.88E-04	8.26E-06	8.83E-06	2.55E-06	6.04E-06
356.8	6369.8	Grid Location	2.14E-01	9.31E-02	3.81E+00	5.40E+00	3.37E-01	7.29E-01	1.72E-04	7.78E-10	1.87E+00	3.15E-01	8.26E-01	3.99E-06	8.26E-07	4.81E-05	1.14E-06	4.97E-05	5.37E-05	2.40E-04	2.17E-04	4.85E-05	1.92E-04	8.42E-06	9.00E-06	2.61E-06	6.16E-06
356.85	6369.8	Grid Location	2.15E-01	9.39E-02	3.76E+00	5.31E+00	3.21E-01	7.43E-01	1.71E-04	7.61E-10	1.83E+00	3.04E-01	8.18E-01	3.83E-06	7.96E-07	4.61E-05	1.09E-06	4.77E-05	5.18E-05	2.38E-04	2.08E-04	4.64E-05	1.84E-04	8.21E-06	8.61E-06	2.49E-06	5.89E-06
356.9	6369.8	Grid Location	2.09E-01	9.21E-02	3.63E+00	5.10E+00	2.92E-01	7.49E-01	1.66E-04	7.27E-10	1.75E+00	2.83E-01	7.92E-01	3.50E-06	7.33E-07	4.18E-05	9.87E-07	4.34E-05	4.78E-05	2.30E-04	1.91E-04	4.22E-05	1.67E-04	7.71E-06	7.81E-06	2.26E-06	5.34E-06
356.95	6369.8	Grid Location	1.95E-01	8.64E-02	3.41E+00	4.72E+00	2.57E-01	7.21E-01	1.52E-04	6.64E-10	1.61E+00	2.54E-01	7.49E-01	3.04E-06	6.41E-07	3.61E-05	8.52E-07	3.75E-05	4.18E-05	2.10E-04	1.66E-04	3.64E-05	1.44E-04	6.87E-06	6.74E-06	1.95E-06	4.61E-06
357	6369.8	Grid Location	1.76E-01	7.92E-02	3.17E+00	4.23E+00	2.28E-01	6.71E-01	1.29E-04	5.71E-10	1.43E+00	2.22E-01	7.10E-01	2.63E-06	5.53E-07	3.13E-05	7.38E-07	3.25E-05	3.61E-05	1.79E-04	1.43E-04	3.15E-05	1.25E-04	5.89E-06	5.84E-06	1.69E-06	3.99E-06
357.05	6369.8	Grid Location	1.72E-01	7.77E-02	3.13E+00	3.98E+00	2.21E-01	6.61E-01	1.09E-04	4.95E-10	1.30E+00	2.04E-01	7.11E-01	2.52E-06	5.21E-07	3.03E-05	7.16E-07	3.13E-05	3.39E-05	1.52E-04	1.37E-04	3.05E-05	1.21E-04	5.33E-06	5.67E-06	1.64E-06	3.88E-06
357.1	6369.8	Grid Location	1.73E-01	7.83E-02	3.13E+00	3.87E+00	2.13E-01	6.75E-01	9.80E-05	4.47E-10	1.23E+00	1.91E-01	7.17E-01	2.41E-06	4.96E-07	2.93E-05	6.93E-07	3.02E-05	3.22E-05	1.37E-04	1.31E-04	2.95E-05	1.17E-04	4.96E-06	5.49E-06	1.59E-06	3.76E-06
357.15	6369.8	Grid Location	1.66E-01	7.58E-02	3.04E+00	3.73E+00	1.97E-01	6.69E-01	9.52E-05	4.31E-10	1.18E+00	1.79E-01	6.99E-01	2.19E-06	4.54E-07	2.64E-05	6.24E-07	2.73E-05	2.95E-05	1.33E-04	1.19E-04	2.66E-05	1.05E-04	4.64E-06	4.94E-06	1.43E-06	3.38E-06
357.2	6369.8	Grid Location	1.54E-01	7.08E-02	2.84E+00	3.49E+00	1.78E-01	6.37E-01	9.07E-05	4.11E-10	1.12E+00	1.65E-01	6.59E-01	1.94E-06	4.05E-07	2.32E-05	5.47E-07	2.40E-05	2.64E-05	1.26E-04	1.06E-04	2.34E-05	9.24E-05	4.25E-06	4.33E-06	1.25E-06	2.96E-06
357.25	6369.8	Grid Location	1.42E-01	6.61E-02	2.63E+00	3.18E+00	1.59E-01	6.00E-01	7.95E-05	3.66E-10	1.02E+00	1.47E-01	6.17E-01	1.68E-06	3.52E-07	2.01E-05	4.74E-07	2.08E-05	2.30E-05	1.11E-04	9.15E-05	2.03E-05	8.00E-05	3.70E-06	3.75E-06	1.09E-06	2.57E-06
357.3	6369.8	Grid Location	1.36E-01	6.34E-02	2.50E+00	2.98E+00	1.49E-01	5.81E-01	6.88E-05	3.23E-10	9.27E-01	1.34E-01	5.90E-01	1.55E-06	3.22E-07	1.86E-05	4.40E-07	1.93E-05	2.09E-05	9.58E-05	8.42E-05	1.88E-05	7.42E-05	3.31E-06	3.48E-06	1.01E-06	2.38E-06
357.35	6369.8	Grid Location	1.35E-01	6.30E-02	2.44E+00	2.85E+00	1.43E-01	5.86E-01	5.91E-05	2.84E-10	8.54E-01	1.23E-01	5.76E-01	1.46E-06	3.01E-07	1.78E-05	4.21E-07	1.83E-05	1.95E-05	8.25E-05	7.94E-05	1.79E-05	7.09E-05	3.00E-06	3.33E-06	9.64E-07	2.28E-06
357.4	6369.8	Grid Location	1.29E-01	6.06E-02	2.34E+00	2.68E+00	1.36E-01	5.53E-01	5.41E-05	2.62E-10	8.06E-01	1.16E-01	5.59E-01	1.37E-06	2.82E-07	1.67E-05	3.96E-07	1.72E-05	1.83E-05	7.57E-05	7.46E-05	1.68E-05	6.67E-05	2.79E-06	3.14E-06	9.08E-07	2.15E-06
357.45	6369.8	Grid Location	1.18E-01	5.55E-02	2.19E+00	2.52E+00	1.30E-01	5.01E-01	5.22E-05	2.54E-10	7.67E-01	1.11E-01	5.22E-01	1.29E-06	2.65E-07	1.56E-05	3.70E-07	1.61E-05	1.72E-05	7.30E-05	6.99E-05	1.57E-05	6.23E-05	2.65E-06	2.93E-06	8.47E-07	2.00E-06
357.5	6369.8	Grid Location	1.09E-01	5.13E-02	2.05E+00	2.37E+00	1.27E-01	4.57E-01	4.99E-05	2.47E-10	7.36E-01	1.08E-01	4.92E-01	1.23E-06	2.54E-07	1.50E-05	3.54E-07	1.54E-05	1.65E-05	6.99E-05	6.69E-05	1.51E-05	5.97E-05	2.53E-06	2.80E-06	8.12E-07	1.92E-06
357.55	6369.8	Grid Location	9.88E-02	4.59E-02	1.95E+00	2.30E+00	1.32E-01	4.11E-01	4.84E-05	2.46E-10	7.18E-01	1.10E-01	4.61E-01	1.28E-06	2.61E-07	1.56E-05	3.70E-07	1.61E-05	1.69E-05	6.80E-05	6.93E-05	1.57E-05	6.23E-05	2.55E-06	2.93E-06	8.48E-07	2.00E-06
357.6	6369.8	Grid Location	9.41E-02	4.26E-02	1.89E+00	2.33E+00	1.38E-01	3.96E-01	4.95E-05	2.56E-10	7.22E-01	1.15E-01	4.35E-01	1.35E-06	2.75E-07	1.65E-05	3.92E-07	1.70E-05	1.78E-05	6.98E-05	7.32E-05	1.66E-05	6.59E-05	2.66E-06	3.10E-06	8.98E-07	2.12E-06
357.65	6369.8	Grid Location	9.62E-02	4.33E-02	1.91E+00	2.41E+00	1.43E-01	4.03E-01	5.37E-05	2.77E-10	7.59E-01	1.21E-01	4.36E-01	1.40E-06	2.86E-07	1.71E-05	4.05E-07	1.76E-05	1.86E-05	7.56E-05	7.60E-05	1.72E-05	6.81E-05	2.82E-06	3.20E-06	9.27E-07	2.19E-06
357.7	6369.8	Grid Location	9.76E-02	4.42E-02	1.92E+00	2.46E+00	1.44E-01	4.01E-01	5.79E-05	2.99E-10	7.96E-01	1.26E-01	4.41E-01	1.42E-06	2.92E-07	1.72E-05	4.06E-07	1.77E-05	1.90E-05	8.15E-05	7.70E-05	1.73E-05	6.85E-05	2.93E-06	3.22E-06	9.32E-07	2.20E-06
357.75	6369.8	Grid Location	9.69E-02	4.39E-02	1.91E+00	2.49E+00	1.47E-01	3.88E-01	6.21E-05	3.20E-10	8.27E-01	1.31E-01	4.38E-01	1.45E-06	3.00E-07	1.74E-05	4.12E-07	1.80E-05	1.95E-05	8.73E-05	7.86E-05	1.76E-05	6.95E-05	3.06E-06	3.26E-06	9.45E-07	2.23E-06
357.8	6369.8	Grid Location	9.60E-02	4.32E-02	1.89E+00	2.54E+00	1.53E-01	3.76E-01	6.70E-05	3.42E-10	8.60E-01	1.37E-01	4.30E-01	1.51E-06	3.14E-07	1.81E-05	4.28E-07	1.88E-05	2.04E-05	9.41E-05	8.20E-05	1.83E-05	7.22E-05	3.24E-06	3.39E-06	9.81E-07	2.32E-06
357.85	6369.8	Grid Location	9.63E-02	4.28E-02	1.89E+00	2.62E+00	1.59E-01	3.67E-01	7.29E-05	3.66E-10	8.97E-01	1.45E-01	4.23E-01	1.59E-06	3.32E-07	1.91E-05	4.51E-07	1.98E-05	2.17E-05	1.02E-04	8.67E-05	1.92E-05	7.60E-05	3.47E-06	3.57E-06	1.03E-06	2.44E-06
357.9	6369.8	Grid Location	9.71E-02	4.29E-02	1.89E+00	2.69E+00	1.64E-01	3.62E-01	7.86E-05	3.89E-10	9.31E-01	1.51E-01	4.19E-01	1.66E-06	3.48E-07	1.98E-05	4.68E-07	2.06E-05	2.27E-05	1.10E-04	9.04E-05	2.00E-05	7.90E-05	3.67E-06	3.70E-06	1.07E-06	2.53E-06
357.95	6369.8	Grid Location	9.86E-02	4.36E-02	1.90E+00	2.73E+00	1.66E-01	3.58E-01	8.37E-05	4.07E-10	9.63E-01	1.55E-01	4.23E-01	1.71E-06	3.60E-07	2.03E-05	4.79E-07	2.11E-05	2.35E-05	1.17E-04	9.31E-05	2.05E-05	8.09E-05	3.84E-06	3.79E-06	1.10E-06	2.59E-06
358	6369.8	Grid Location	1.00E-01	4.46E-02	1.91E+00	2.75E+00	1.68E-01	3.53E-01	8.81E-05	4.24E-10	9.93E-01	1.59E-01	4.32E-01	1.74E-06	3.68E-07	2.06E-05	4.85E-07	2.14E-05	2.40E-05	1.23E-04	9.49E-05	2.08E-05	8.20E-05	3.98E-06	3.84E-06	1.11E-06	2.63E-06
356.5	6369.851	Grid Location	1.65E-01	7.14E-02	3.11E+00	4.69E+00	2.99E-01	5.38E-01	1.64E-04	7.63E-10	1.73E+00	2.88E-01	6.82E-01	3.31E-06	6.97E-07	3.93E-05	9.27E-07	4.09E-05	4.55E-05	2.28E-04	1.80E-04	3.97E-05	1.57E-04	7.46E-06	7.34E-06	2.13E-06	5.02E-06
356.55	6369.851	Grid Location	1.73E-01	7.49E-02	3.24E+00	4.84E+00	3.08E-01	5.69E-01	1.67E-04	7.73E-10	1.77E+00	2.95E-01	7.07E-01	3.44E-06	7.22E-07	4.09E-05	9.65E-07	4.25E-05	4.71E-05	2.32E-04	1.87E-04	4.12E-05	1.63E-04	7.67E-06	7.64E-06	2.21E-06	5.23E-06
356.6	6369.851	Grid Location	1.80E-01	7.79E-02	3.34E+00	4.97E+00	3.16E-01	5.98E-01	1.69E-04	7.79E-10	1.79E+00	3.01E-01	7.25E-01	3.56E-06	7.46E-07	4.25E-05	1.00E-06	4.41E-05	4.86E-05	2.35E-04	1.94E-04	4.29E-05	1.69E-04	7.86E-06	7.95E-06	2.30E-06	5.44E-06

356.65	6369.851	Grid Location	1.90E-01	8.20E-02	3.49E+00	5.16E+00	3.29E-01	6.31E-01	1.73E-04	7.93E-10	1.84E+00	3.11E-01	7.54E-01	3.76E-06	7.85E-07	4.51E-05	1.06E-06	4.67E-05	5.11E-05	2.41E-04	2.05E-04	4.55E-05	1.80E-04	8.18E-06	8.43E-06	2.44E-06	5.77E-06
356.7	6369.851	Grid Location	2.01E-01	8.65E-02	3.65E+00	5.34E+00	3.42E-01	6.64E-01	1.78E-04	8.08E-10	1.89E+00	3.22E-01	7.84E-01	3.98E-06	8.27E-07	4.78E-05	1.13E-06	4.95E-05	5.39E-05	2.48E-04	2.16E-04	4.82E-05	1.91E-04	8.54E-06	8.95E-06	2.59E-06	6.12E-06
356.75	6369.851	Grid Location	2.09E-01	9.00E-02	3.73E+00	5.43E+00	3.45E-01	6.90E-01	1.82E-04	8.15E-10	1.91E+00	3.25E-01	8.03E-01	4.09E-06	8.49E-07	4.92E-05	1.16E-06	5.08E-05	5.53E-05	2.53E-04	2.22E-04	4.95E-05	1.96E-04	8.74E-06	9.19E-06	2.66E-06	6.29E-06
356.8	6369.851	Grid Location	2.13E-01	9.19E-02	3.74E+00	5.42E+00	3.37E-01	7.10E-01	1.84E-04	8.10E-10	1.91E+00	3.20E-01	8.07E-01	4.03E-06	8.40E-07	4.84E-05	1.14E-06	5.01E-05	5.47E-05	2.55E-04	2.19E-04	4.87E-05	1.93E-04	8.72E-06	9.04E-06	2.62E-06	6.19E-06
356.85	6369.851	Grid Location	2.08E-01	9.04E-02	3.63E+00	5.27E+00	3.15E-01	7.13E-01	1.81E-04	7.87E-10	1.85E+00	3.05E-01	7.84E-01	3.79E-06	7.94E-07	4.52E-05	1.07E-06	4.69E-05	5.18E-05	2.51E-04	2.06E-04	4.56E-05	1.80E-04	8.38E-06	8.45E-06	2.45E-06	5.78E-06
356.9	6369.851	Grid Location	1.96E-01	8.56E-02	3.44E+00	4.98E+00	2.84E-01	6.92E-01	1.72E-04	7.46E-10	1.75E+00	2.82E-01	7.43E-01	3.40E-06	7.19E-07	4.03E-05	9.50E-07	4.19E-05	4.69E-05	2.39E-04	1.85E-04	4.07E-05	1.61E-04	7.74E-06	7.52E-06	2.18E-06	5.15E-06
356.95	6369.851	Grid Location	1.82E-01	8.04E-02	3.26E+00	4.64E+00	2.58E-01	6.62E-01	1.58E-04	6.88E-10	1.63E+00	2.58E-01	7.13E-01	3.03E-06	6.43E-07	3.58E-05	8.44E-07	3.73E-05	4.20E-05	2.19E-04	1.65E-04	3.61E-05	1.43E-04	7.00E-06	6.68E-06	1.93E-06	4.57E-06
357	6369.851	Grid Location	1.74E-01	7.71E-02	3.16E+00	4.33E+00	2.44E-01	6.39E-01	1.38E-04	6.12E-10	1.49E+00	2.37E-01	7.03E-01	2.81E-06	5.91E-07	3.35E-05	7.89E-07	3.47E-05	3.86E-05	1.92E-04	1.53E-04	3.37E-05	1.33E-04	6.30E-06	6.24E-06	1.81E-06	4.27E-06
357.05	6369.851	Grid Location	1.73E-01	7.72E-02	3.15E+00	4.15E+00	2.38E-01	6.42E-01	1.21E-04	5.44E-10	1.39E+00	2.22E-01	7.09E-01	2.72E-06	5.66E-07	3.28E-05	7.75E-07	3.39E-05	3.68E-05	1.68E-04	1.48E-04	3.30E-05	1.31E-04	5.82E-06	6.13E-06	1.78E-06	4.20E-06
357.1	6369.851	Grid Location	1.70E-01	7.64E-02	3.11E+00	3.99E+00	2.23E-01	6.44E-01	1.11E-04	5.04E-10	1.31E+00	2.07E-01	7.05E-01	2.53E-06	5.25E-07	3.05E-05	7.21E-07	3.15E-05	3.42E-05	1.55E-04	1.38E-04	3.07E-05	1.22E-04	5.39E-06	5.70E-06	1.65E-06	3.90E-06
357.15	6369.851	Grid Location	1.58E-01	7.15E-02	2.91E+00	3.71E+00	1.99E-01	6.17E-01	1.05E-04	4.72E-10	1.23E+00	1.88E-01	6.67E-01	2.23E-06	4.66E-07	2.66E-05	6.28E-07	2.76E-05	3.04E-05	1.46E-04	1.21E-04	2.68E-05	1.06E-04	4.89E-06	4.97E-06	1.44E-06	3.40E-06
357.2	6369.851	Grid Location	1.46E-01	6.68E-02	2.72E+00	3.44E+00	1.81E-01	5.84E-01	9.61E-05	4.37E-10	1.14E+00	1.72E-01	6.30E-01	1.97E-06	4.14E-07	2.34E-05	5.53E-07	2.43E-05	2.70E-05	1.34E-04	1.07E-04	2.36E-05	9.34E-05	4.41E-06	4.38E-06	1.27E-06	2.99E-06
357.25	6369.851	Grid Location	1.38E-01	6.37E-02	2.57E+00	3.20E+00	1.65E-01	5.59E-01	8.54E-05	3.95E-10	1.05E+00	1.55E-01	6.01E-01	1.76E-06	3.69E-07	2.09E-05	4.93E-07	2.17E-05	2.41E-05	1.19E-04	9.56E-05	2.11E-05	8.32E-05	3.92E-06	3.90E-06	1.13E-06	2.67E-06
357.3	6369.851	Grid Location	1.34E-01	6.20E-02	2.48E+00	3.03E+00	1.57E-01	5.49E-01	7.54E-05	3.55E-10	9.75E-01	1.43E-01	5.83E-01	1.64E-06	3.42E-07	1.96E-05	4.63E-07	2.03E-05	2.23E-05	1.05E-04	8.91E-05	1.98E-05	7.82E-05	3.56E-06	3.67E-06	1.06E-06	2.51E-06
357.35	6369.851	Grid Location	1.35E-01	6.27E-02	2.46E+00	2.94E+00	1.53E-01	5.60E-01	6.63E-05	3.18E-10	9.13E-01	1.34E-01	5.78E-01	1.57E-06	3.25E-07	1.90E-05	4.50E-07	1.97E-05	2.11E-05	9.26E-05	8.55E-05	1.92E-05	7.59E-05	3.29E-06	3.57E-06	1.03E-06	2.44E-06
357.4	6369.851	Grid Location	1.29E-01	6.04E-02	2.36E+00	2.77E+00	1.45E-01	5.32E-01	6.07E-05	2.94E-10	8.60E-01	1.26E-01	5.60E-01	1.48E-06	3.05E-07	1.80E-05	4.26E-07	1.86E-05	1.98E-05	8.48E-05	8.05E-05	1.81E-05	7.17E-05	3.06E-06	3.37E-06	9.75E-07	2.31E-06
357.45	6369.851	Grid Location	1.19E-01	5.55E-02	2.21E+00	2.61E+00	1.40E-01	4.83E-01	5.88E-05	2.85E-10	8.22E-01	1.22E-01	5.25E-01	1.41E-06	2.91E-07	1.71E-05	4.04E-07	1.76E-05	1.89E-05	8.22E-05	7.66E-05	1.72E-05	6.80E-05	2.93E-06	3.19E-06	9.25E-07	2.19E-06
357.5	6369.851	Grid Location	1.10E-01	5.15E-02	2.07E+00	2.47E+00	1.35E-01	4.47E-01	5.69E-05	2.79E-10	7.90E-01	1.18E-01	4.92E-01	1.33E-06	2.75E-07	1.60E-05	3.79E-07	1.66E-05	1.79E-05	7.96E-05	7.22E-05	1.62E-05	6.39E-05	2.80E-06	3.00E-06	8.69E-07	2.05E-06
357.55	6369.851	Grid Location	1.00E-01	4.67E-02	1.95E+00	2.36E+00	1.35E-01	4.04E-01	5.53E-05	2.78E-10	7.70E-01	1.18E-01	4.61E-01	1.33E-06	2.74E-07	1.60E-05	3.79E-07	1.66E-05	1.78E-05	7.75E-05	7.20E-05	1.62E-05	6.40E-05	2.76E-06	3.00E-06	8.69E-07	2.06E-06
357.6	6369.851	Grid Location	9.21E-02	4.17E-02	1.86E+00	2.35E+00	1.40E-01	3.72E-01	5.56E-05	2.85E-10	7.63E-01	1.22E-01	4.27E-01	1.38E-06	2.83E-07	1.67E-05	3.96E-07	1.73E-05	1.84E-05	7.81E-05	7.48E-05	1.69E-05	6.67E-05	2.83E-06	3.14E-06	9.08E-07	2.15E-06
357.65	6369.851	Grid Location	9.10E-02	4.06E-02	1.84E+00	2.41E+00	1.44E-01	3.71E-01	5.92E-05	3.04E-10	7.88E-01	1.27E-01	4.15E-01	1.43E-06	2.95E-07	1.73E-05	4.09E-07	1.79E-05	1.92E-05	8.32E-05	7.76E-05	1.74E-05	6.90E-05	2.97E-06	3.24E-06	9.38E-07	2.22E-06
357.7	6369.851	Grid Location	9.26E-02	4.15E-02	1.85E+00	2.46E+00	1.45E-01	3.74E-01	6.31E-05	3.23E-10	8.21E-01	1.31E-01	4.18E-01	1.44E-06	2.99E-07	1.74E-05	4.10E-07	1.79E-05	1.95E-05	8.87E-05	7.84E-05	1.75E-05	6.91E-05	3.08E-06	3.25E-06	9.39E-07	2.22E-06
357.75	6369.851	Grid Location	9.35E-02	4.22E-02	1.85E+00	2.48E+00	1.45E-01	3.69E-01	6.64E-05	3.40E-10	8.49E-01	1.34E-01	4.23E-01	1.45E-06	3.03E-07	1.74E-05	4.10E-07	1.80E-05	1.97E-05	9.33E-05	7.88E-05	1.75E-05	6.91E-05	3.16E-06	3.24E-06	9.39E-07	2.22E-06
357.8	6369.851	Grid Location	9.30E-02	4.20E-02	1.84E+00	2.50E+00	1.48E-01	3.60E-01	6.93E-05	3.54E-10	8.69E-01	1.38E-01	4.19E-01	1.48E-06	3.09E-07	1.76E-05	4.16E-07	1.83E-05	2.01E-05	9.72E-05	8.04E-05	1.78E-05	7.02E-05	3.25E-06	3.29E-06	9.53E-07	2.25E-06
357.85	6369.851	Grid Location	9.15E-02	4.10E-02	1.81E+00	2.52E+00	1.52E-01	3.46E-01	7.21E-05	3.66E-10	8.83E-01	1.41E-01	4.08E-01	1.52E-06	3.19E-07	1.81E-05	4.28E-07	1.88E-05	2.08E-05	1.01E-04	8.28E-05	1.83E-05	7.22E-05	3.37E-06	3.39E-06	9.80E-07	2.32E-06
357.9	6369.851	Grid Location	9.13E-02	4.04E-02	1.80E+00	2.57E+00	1.58E-01	3.36E-01	7.66E-05	3.83E-10	9.07E-01	1.46E-01	4.00E-01	1.59E-06	3.34E-07	1.90E-05	4.47E-07	1.97E-05	2.18E-05	1.07E-04	8.67E-05	1.91E-05	7.56E-05	3.55E-06	3.54E-06	1.03E-06	2.42E-06
357.95	6369.851	Grid Location	9.09E-02	3.99E-02	1.77E+00	2.60E+00	1.60E-01	3.27E-01	8.08E-05	3.97E-10	9.25E-01	1.50E-01	3.92E-01	1.64E-06	3.45E-07	1.94E-05	4.58E-07	2.02E-05	2.25E-05	1.13E-04	8.92E-05	1.96E-05	7.75E-05	3.70E-06	3.63E-06	1.05E-06	2.48E-06
358	6369.851	Grid Location	9.18E-02	4.03E-02	1.77E+00	2.63E+00	1.62E-01	3.23E-01	8.53E-05	4.12E-10	9.49E-01	1.53E-01	3.93E-01	1.67E-06	3.54E-07	1.98E-05	4.67E-07	2.06E-05	2.31E-05	1.19E-04	9.13E-05	2.00E-05	7.89E-05	3.84E-06	3.69E-06	1.07E-06	2.53E-06
356.5	6369.9	Grid Location	1.64E-01	7.07E-02	3.08E+00	4.69E+00	3.00E-01	5.35E-01	1.66E-04	7.64E-10	1.73E+00	2.89E-01	6.67E-01	3.35E-06	7.06E-07	3.98E-05	9.39E-07	4.14E-05	4.61E-05	2.31E-04	1.83E-04	4.02E-05	1.59E-04	7.55E-06	7.44E-06	2.15E-06	5.09E-06
356.55	6369.9	Grid Location	1.71E-01	7.36E-02	3.18E+00	4.81E+00	3.07E-01	5.57E-01	1.69E-04	7.76E-10	1.76E+00	2.96E-01	6.87E-01	3.48E-06	7.31E-07	4.14E-05	9.76E-07	4.30E-05	4.77E-05	2.36E-04	1.89E-04	4.17E-05	1.65E-04	7.77E-06	7.73E-06	2.24E-06	5.29E-06
356.6	6369.9	Grid Location	1.78E-01	7.66E-02	3.29E+00	4.95E+00	3.18E-01	5.78E-01	1.73E-04	7.89E-10	1.80E+00	3.04E-01	7.08E-01	3.65E-06	7.64E-07	4.35E-05	1.03E-06	4.51E-05	4.98E-05	2.41E-04	1.98E-04	4.39E-05	1.73E-04	8.05E-06	8.13E-06	2.35E-06	5.56E-06
356.65	6369.9	Grid Location	1.88E-01	8.06E-02	3.43E+00	5.14E+00	3.31E-01	6.05E-01	1.79E-04	8.08E-10	1.85E+00	3.15E-01	7.35E-01	3.86E-06	8.06E-07	4.61E-05	1.09E-06	4.78E-05	5.25E-05	2.50E-04	2.10E-04	4.65E-05	1.84E-04	8.43E-06	8.62E-06	2.50E-06	5.90E-06
356.7	6369.9	Grid Location	1.99E-01	8.53E-02	3.58E+00	5.33E+00	3.43E-01	6.39E-01	1.87E-04	8.31E-10	1.92E+00	3.26E-01	7.68E-01	4.05E-06	8.46E-07	4.86E-05	1.15E-06	5.03E-05	5.51E-05	2.60E-04	2.20E-04	4.89E-05	1.93E-04	8.82E-06	9.08E-06	2.63E-06	6.21E-06
356.75	6369.9	Grid Location	2.07E-01	8.89E-02	3.67E+00	5.43E+00	3.45E-01	6.68E-01	1.92E-04	8.41E-10	1.94E+00	3.28E-01	7.88E-01	4.11E-06	8.59E-07	4.92E-05	1.16E-06	5.10E-05	5.60E-05	2.66E-04	2.24E-04	4.96E-05	1.96E-04	8.99E-06	9.20E-06	2.66E-06	6.29E-06
356.8	6369.9	Grid Location	2.04E-01	8.81E-02	3.59E+00	5.32E+00	3.26E-01	6.75E-01	1.89E-04	8.21E-10	1.90E+00	3.16E-01	7.70E-01	3.92E-06	8.22E-07	4.67E-05	1.10E-06	4.84E-05	5.36E-05	2.63E-04	2.13E-04	4.71E-05	1.86E-04	8.71E-06	8.72E-06	2.52E-06	5.96E-06
356.85	6369.9	Grid Location	1.94E-01	8.39E-02	3.41E+00	5.07E+00	2.99E-01	6.62E-01	1.82E-04	7.86E-10	1.81E+00	2.96E-01	7.29E-01	3.59E-06	7.59E-07	4.26E-05	1.00E-06	4.43E-05	4.96E-05	2.53E-04	1.96E-04	4.30E-05	1.70E-04	8.18E-06	7.94E-06	2.30E-06	5.44E-06
356.9	6369.9	Grid Location	1.80E-01	7.85E-02	3.22E+00	4.76E+00	2.73E-01	6.33E-01	1.71E-04	7.41E-10	1.70E+00	2.75E-01	6.92E-01	3.24E-06	6.88E-07	3.82E-05	8.99E-07	3.98E-05	4.50E-05	2.38E-04	1.77E-04	3.85E-05	1.52E-04	7.54E-06	7.11E-06	2.06E-06	4.87E-06
356.95	6369.9	Grid Location	1.71E-01	7.49E-02	3.11E+00	4.50E+00	2.57E-01	6.08E-01	1.57E-04	6.88E-10	1.60E+00	2.57E-01	6.79E-01	3.00E-06	6.36E-07	3.53E-05	8.32E-07	3.68E-05	4.15E-05	2.18E-04	1.63E-04	3.57E-05	1.41E-04	6.94E-06	6.59E-06	1.91E-06	4.51E-06
357	6369.9	Grid Location	1.70E-01	7.46E-02	3.12E+00	4.36E+00	2.55E-01	6.07E-01	1.43E-04	6.35E-10	1.52E+00	2.47E-01	6.87E-01	2.94E-06	6.18E-07	3.50E-05	8.26E-07	3.64E-05	4.03E-05	1.98E-04	1.60E-04	3.53E-05	1.40E-04	6.56E-06	6.54E-06	1.89E-06	4.47E-06
357.05	6369.9	Grid Location	1.70E-01	7.49E-02	3.11E+00	4.24E+00	2.48E-01	6.12E-01	1.31E-04	5.89E-10	1.45E+00	2.35E-01	6.91E-01	2.85E-06	5.95E-07	3.42E-05	8.06E-07	3.54E-05	3.87E-05	1.82E-04	1.55E-04	3.44E-05	1.36E-04	6.19E-06	6.38E-06	1.85E-06	4.37E-06
357.1	6369.9	Grid Location	1.63E-01	7.28E-02	3.02E+00	4.06E+00	2.30E-01	6.05E-01	1.25E-04	5.60E-10	1.39E+00	2.20E-01	6.75E-01	2.62E-06	5.48E-07	3.12E-05	7.37E-07	3.24E-05	3.58E-05	1.74E-04	1.42E-04	3.15E-05	1.24E-04	5.79E-06	5.83E-06	1.69E-06	3.99E-06
357.15	6369.9	Grid Location	1.51E-01	6.78E-02	2.82E+00	3.77E+00	2.07E-01	5.77E-01	1.17E-04	5.24E-10	1.30E+00	2.01E-01	6.36E-01	2.32E-06	4.89E-07	2.75E-05	6.48E-07	2.86E-05	3.19E-05	1.62E-04	1.26E-04	2.77E-05	1.09E-04	5.26E-06	5.13E-06	1.48E-06	3.51E-06
357.2	6369.9	Grid Location	1.40E-01	6.32E-02	2.62E+00	3.45E+00	1.87E-01	5.43E-01	1.04E-04	4.75E-10	1.19E+00	1.82E-01	5.97E-01	2.05E-06	4.33E-07	2.42E-05	5.71E-07	2.52E-05	2.83E-05	1.45E-04	1.12E-04	2.44E-05	9.65E-05	4.68E-06	4.52E-06	1.31E-06	3.09E-06
357.25	6369.9	Grid Location	1.34E-01	6.12E-02	2.51E+00	3.24E+00	1.74E-01	5.26E-01	9.35E-05	4.33E-10	1.10E+00	1.66E-01	5.78E-01	1.86E-06	3.93E-07	2.21E-05	5.20E-07	2.29E-05	2.56E-05	1.30E-04	1.01E-04	2.23E-05	8.79E-05	4.22E-06	4.12E-06	1.19E-06	2.82E-06
357.3	6369.9	Grid Location	1.32E-01	6.06E-02	2.45E+00	3.12E+00	1.68E-01	5.23E-01	8.37E-05	3.94E-10	1.03E+00	1.56E-01	5.69E-01	1.76E-06	3.70E-07	2.11E-05	4.97E-07	2.18E-05	2.41E-05	1.17E-04	9.60E-05	2.12E-05	8.39E-05	3.89E-06	3.93E-06	1.14E-06	2.69E-06
357.35	6369.9	Grid Location	1.33E-01	6.15E-02	2.44E+00	3.04E+00	1.64E-01	5.36E-01	7.47E-05	3.57E-10	9.72E-01	1.47E-01	5.67E-01	1.70E-06	3.53E-07	2.05E-05	4.85E-07	2.12E-05	2.30E-05	1.04E-04	9.26E-05	2.07E-05	8.18E-05	3.62E-06	3.84E-06	1.11E-06	2.63E-06
357.4	6369.9	Grid Location	1.30E-01	6.03E-02	2.37E+00	2.91E+00	1.57E-01	5.19E-01	6.99E-05	3.36E-10	9.30E-01	1.40E-01	5.57E-01	1.63E-06	3.37E-07	1.97E-05	4.65E-07	2.03E-05	2.19E-05	9.76E-05	8.86E-05	1.98E-05	7.84E-05	3.43E-06	3.68E-06	1.07E-06	2.52E-06
357.45	6369.9	Grid Location	1.19E-01	5.52E-02	2.22E+00	2.74E+00	1.50E-01	4.70E-01	6.76E-05	3.26E-10	8.87E-01	1.34E-01	5.20E-01	1.55E-06	3.21E-07	1.86E-05	4.40E-07	1.93E-05	2.09E-05	9.45E-05	8.41E-05	1.88E-05	7.43E-05	3.29E-06	3.49E-06	1.01E-06	2.39E-06
357.5	6369.9	Grid Location	1.11E-01	5.13E-02	2.08E+00	2.60E+00	1.44E-01	4.37E-01	6.63E-05	3.21E-10	8.58E-01	1.30E-01	4.87E-01	1.45E-06	3.03E-07	1.74E-05	4.11E-07	1.80E-05	1.97E-05	9.26E-05	7.89E-05	1.75E-05	6.93E-05	3.15E-06	3.25E-06	9.41E-07	2.22E-06
357.55	6369.9	Grid Location	1.02E-01	4.74E-02	1.96E+00	2.47E+00	1.40E-01	4.00E-01	6.46E-05	3.18E-10	8.34E-01	1.27E-01	4.61E-01	1.39E-06	2.90E-07	1.66E-05	3.91E-07	1.72E-05	1.89E-05	9.03E-05	7.55E-05	1.67E-05	6.61E-05	3.04E-06	3.10E-06	8.97E-07	2.12E-06
357.6	6369.9	Grid Location	9.10E-02	4.15E-02	1.82E+00	2.37E+00	1.39E-01	3.57E-01	6.24E-05	3.15E-10	8.06E-01	1.27E-01	4.21E-01	1.38E-06	2.87E-07	1.65E-05	3.91E-07	1.71E-05	1.87E-05	8.74E-05	7.50E-05	1.67E-05	6.59E-05	2.98E-06	3.09E-06	8.95E-07	2.12E-06
357.65	6369.9	Grid Location	8.66E-02	3.86E-02	1.77E+00	2.38E+00	1.42E-01	3.43E-01	6.37E-05	3.25E-10	8.10E-01	1.30E-01	3.98E-01	1.42E-06	2.96E-07	1.71E-05	4.04E-07	1.77E-05	1.93E-05	8.94E-05	7.74E-05	1.72E-05	6.81E-05	3.07E-06	3.20E-06	9.25E-07	2.19E-06
357.7	6369.9	Grid Location	8.73E-02	3.87E-02	1.76E+00	2.42E+00	1.44E-01	3.46E-01	6.66E-05	3.40E-10	8.32E-01	1.33E-01	3.96E-01	1.45E-06	3.03E-07	1.74E-05	4.10E-07	1.80E-05	1.97E-05	9.35E-05	7.89E-05	1.75E-05	6.91E-05	3.16E-06	3.24E-06	9.39E-07	2.22E-06
357.75	6369.9	Grid Location	8.92E-02	3.99E-02	1.78E+00	2.46E+00	1.44E-01	3.48E-01	6.92E-05	3.53E-10	8.56E-01	1.36E-01	4.02E-01	1.45E-06	3.05E-07	1.73E-05	4.09E-07	1.80E-05	1.99E-05	9.71E-05	7.92E-05	1.75E-05	6.91E-05	3.23E-06	3.24E-06	9.38E-07	2.22E-06
357.8	6369.9	Grid Location	8.97E-02	4.03E-02	1.78E+00	2.47E+00	1.45E-01	3.43E-01	7.10E-05	3.62E-10	8.72E-01	1.38E-01	4.05E-01	1.46E-06	3.07E-07	1.74E-05	4.10E-07	1.81E-05	2.01E-05	9.97E-05	7.96E-05	1.75E-05	6.92E-05	3.28E-06	3.25E-06	9.39E-07	2.22E-06
357.85	6369.9	Grid Location	8.88E-02	3.99E-02	1.76E+00	2.47E+00	1.47E-01	3.32E-01	7.27E-05	3.70E-10	8.81E-01	1.39E-01	3.99E-01	1.48E-06	3.12E-07	1.76E-05	4.14E-07	1.83E-05	2.03E-05	1.02E-04	8.06E-05	1.77E-05	7.00E-05	3.34E-06	3.28E-06	9.49E-07	2.24E-06
357.9	6369.9	Grid Location	8.72E-02	3.89E-02	1.73E+00	2.47E+00	1.50E-01	3.19E-01	7.50E-05	3.78E-10	8.88E-01	1.42E-01	3.89E-01	1.52E-06	3.20E-07	1.80E-05	4.25E-07	1.87E-05	2.09E-05	1.05E-04	8.27E-05	1.82E-05	7.17E-05	3.43E-06	3.36E-06	9.73E-07	2.30E-06
357.95	6369.9	Grid Location	8.59E-02	3.79E-02	1.69E+00	2.49E+00	1.54E-01	3.06E-01	7.84E-05	3.88E-10	8.99E-01	1.45E-01	3.76E-01	1.57E-06	3.31E-07	1.86E-05	4.37E-07	1.93E-05	2.16E-05	1.10E-04	8.54E-05	1.87E-05	7.39E-05	3.56E-06	3.46E-06	1.00E-06	2.37E-06
358	6369.9	Grid Location	8.52E-02	3.73E-02	1.67E+00	2.51E+00	1.56E-01	2.98E-01	8.22E-05	4.00E-10	9.12E-01	1.48E-01	3.67E-01	1.61E-06	3.40E-07	1.90E-05	4.47E-07	1.98E-05	2.22E-05	1.15E-04	8.76E-05	1.92E-05	7.56E-05	3.69E-06	3.54E-06	1.03E-06	2.42E-06
356.5	6369.951	Grid Location	1.61E-01	6.88E-02	3.00E+00	4.63E+00	2.99E-01	5.17E-01	1.66E-04	7.60E-10	1.71E+00	2.88E-01	6.42E-01	3.38E-06	7.11E-07	4.01E-05	9.46E-07	4.17E-05	4.64E-05	2.32E-04	1.84E-04	4.05E-05	1.60E-04	7.59E-06	7.49E-06	2.17E-06	5.12E-06
356.55	6369.951	Grid Location	1.67E-01	7.15E-02	3.09E+00	4.74E+00	3.06E-01	5.34E-01	1.71E-04	7.76E-10	1.75E+00	2.95E-01	6.62E-01	3.51E-06	7.38E-07	4.18E-05	9.85E-07	4.34E-05	4.81E-05	2.38E-04	1.91E-04	4.21E-05	1.66E-04	7.85E-06	7.80E-06	2.26E-06	5.33E-06
356.6	6369.951	Grid Location	1.74E-01	7.43E-02	3.18E+00	4.86E+00	3.14E-01	5.50E-01	1.76E-04	7.90E-10	1.79E+00	3.03E-01	6.82E-01	3.66E-06	7.67E-07	4.36E-05	1.03E-06	4.52E-05	5.00E-05	2.45E-04	1.99E-04	4.39E-05	1.74E-04	8.13E-06	8.14E-06	2.36E-06	5.57E-06
356.65	6369.951	Grid Location	1.83E-01	7.82E-02	3.31E+00	5.02E+00	3.25E-01	5.74E-01	1.83E-04	8.11E-10	1.84E+00	3.12E-01	7.08E-01	3.83E-06	8.04E-07	4.57E-05	1.08E-06	4.74E-05	5.24E-05	2.55E-04	2.09E-04	4.61E-05	1.82E-04	8.49E-06	8.54E-06	2.47E-06	5.84E-06
356.7	6369.951	Grid Location	1.93E-01	8.25E-02	3.44E+00	5.20E+00	3.34E-01	6.06E-01	1.91E-04	8.35E-10	1.90E+00	3.21E-01	7.38E-01	3.98E-06	8.34E-07	4.74E-05	1.12E-06	4.92E-05	5.44E-05	2.66E-04	2.16E-04	4.78E-05	1.89E-04	8.83E-06	8.85E-06	2.56E-06	6.06E-06
356.75	6369.951	Grid Location	1.97E-01	8.46E-02	3.48E+00	5.26E+00	3.29E-01	6.29E-01	1.94E-04	8.39E-10	1.91E+00	3.19E-01	7.47E-01	3.95E-06	8.30E-07	4.69E-05	1.11E-06	4.87E-05	5.42E-05	2.70E-04	2.15E-04	4.73E-05	1.87E-04	8.86E-06	8.76E-06	2.53E-06	5.99E-06
356.8	6369.951	Grid Location	1.90E-01	8.19E-02	3.36E+00	5.09E+00	3.07E-01	6.26E-01	1.89E-04	8.13E-10	1.84E+00	3.04E-01	7.17E-01	3.69E-06	7.81E-07	4.37E-05	1.03E-06	4.54E-05	5.10E-05	2.63E-04	2.01E-04	4.41E-05	1.74E-04	8.46E-06	8.15E-06	2.36E-06	5.57E-06
356.85	6369.951	Grid Location	1.77E-01	7.63E-02	3.15E+00	4.78E+00	2.80E-01	6.00E-01	1.78E-04	7.67E-10	1.73E+00	2.83E-01	6.73E-01	3.34E-06	7.10E-07	3.93E-05	9.24E-07	4.09E-05	4.64E-05	2.47E-04	1.82E-04	3.96E-05	1.56E-04	7.80E-06	7.32E-06	2.12E-06	5.01E-06
356.9	6369.951	Grid Location	1.65E-01	7.15E-02	3.00E+00	4.48E+00	2.60E-01	5.71E-01	1.65E-04	7.17E-10	1.63E+00	2.63E-01	6.45E-01	3.04E-06	6.49E-07	3.58E-05	8.41E-07	3.73E-05	4.24E-05	2.29E-04	1.66E-04	3.61E-05	1.42E-04	7.17E-06	6.66E-06	1.93E-06	4.56E-06
356.95	6369.951	Grid Location	1.60E-01	6.97E-02	2.95E+00	4.31E+00	2.53E-01	5.60E-01	1.52E-04	6.71E-10	1.55E+00	2.52E-01	6.42E-01	2.93E-06	6.20E-07	3.46E-05	8.14E-07	3.60E-05	4.05E-05	2.11E-04	1.60E-04	3.49E-05	1.38E-04	6.75E-06	6.44E-06	1.87E-06	4.41E-06
357	6369.951	Grid Location	1.63E-01	7.11E-02	3.01E+00	4.28E+00	2.56E-01	5.71E-01	1.44E-04	6.41E-10	1.52E+00	2.48E-01	6.58E-01	2.95E-06	6.19E-07	3.51E-05	8.27E-07	3.64E-05	4.04E-05	2.00E-04	1.61E-04	3.54E-05	1.40E-04	6.59E-06	6.55E-06	1.90E-06	4.48E-06
357.05	6369.951	Grid Location	1.64E-01	7.19E-02	3.03E+00	4.25E+00	2.50E-01	5.80E-01	1.40E-04	6.24E-10	1.49E+00	2.42E-01	6.68E-01	2.88E-06	6.04E-07	3.42E-05	8.07E-07	3.55E-05	3.94E-05	1.94E-04	1.57E-04	3.45E-05	1.36E-04	6.42E-06	6.39E-06	1.85E-06	4.37E-06
357.1	6369.951	Grid Location	1.57E-01	6.94E-02	2.93E+00	4.10E+00	2.33E-01	5.70E-01	1.37E-04	6.08E-10	1.45E+00	2.30E-01	6.50E-01	2.66E-06	5.64E-07	3.15E-05	7.42E-07	3.28E-05	3.68E-05	1.90E-04	1.45E-04	3.18E-05	1.25E-04	6.10E-06	5.88E-06	1.70E-06	4.02E-06
357.15	6369.951	Grid Location	1.45E-01	6.45E-02	2.73E+00	3.81E+00	2.12E-01	5.40E-01	1.27E-04	5.69E-10	1.35E+00	2.12E-01	6.09E-01	2.39E-06	5.08E-07	2.81E-05	6.61E-07	2.93E-05	3.32E-05	1.76E-04	1.30E-04	2.84E-05	1.12E-04	5.57E-06	5.23E-06	1.52E-06	3.58E-06
357.2	6369.951	Grid Location	1.34E-01	6.02E-02	2.53E+00	3.49E+00	1.92E-01	5.08E-01	1.13E-04	5.14E-10	1.23E+00	1.91E-01	5.70E-01	2.12E-06	4.51E-07	2.49E-05	5.87E-07	2.60E-05	2.95E-05	1.57E-04	1.16E-04	2.52E-05	9.92E-05	4.95E-06	4.64E-06	1.34E-06	3.18E-06
357.25	6369.951	Grid Location	1.30E-01	5.87E-02	2.44E+00	3.30E+00	1.81E-01	4.96E-01	1.02E-04	4.72E-10	1.15E+00	1.77E-01	5.55E-01	1.95E-06	4.15E-07	2.30E-05	5.43E-07	2.40E-05	2.71E-05	1.42E-04	1.07E-04	2.33E-05	9.18E-05	4.53E-06	4.30E-06	1.24E-06	2.94E-06
357.3	6369.951	Grid Location	1.30E-01	5.90E-02	2.42E+00	3.23E+00	1.78E-01	5.00E-01	9.37E-05	4.37E-10	1.10E+00	1.68E-01	5.53E-01	1.89E-06	3.98E-07	2.24E-05	5.29E-07	2.33E-05	2.60E-05	1.30E-04	1.03E-04	2.26E-05	8.93E-05	4.26E-06	4.18E-06	1.21E-06	2.86E-06
357.35	6369.951	Grid Location	1.33E-01	6.06E-02	2.44E+00	3.19E+00	1.76E-01	5.18E-01	8.57E-05	4.06E-10	1.05E+00	1.61E-01	5.58E-01	1.85E-06	3.86E-07	2.21E-05	5.22E-07	2.29E-05	2.52E-05	1.19E-04	1.01E-04	2.23E-05	8.81E-05	4.04E-06	4.13E-06	1.20E-06	2.83E-06
357.4	6369.951	Grid Location	1.30E-01	5.94E-02	2.37E+00	3.04E+00	1.68E-01	5.02E-01	8.04E-05	3.83E-10	1.00E+00	1.53E-01	5.48E-01	1.76E-06	3.67E-07	2.11E-05	4.98E-07	2.18E-05	2.39E-05	1.12E-04	9.56E-05	2.12E-05	8.40E-05	3.81E-06	3.94E-06	1.14E-06	2.69E-06
357.45	6369.951	Grid Location	1.18E-01	5.42E-02	2.20E+00	2.84E+00	1.58E-01	4.53E-01	7.71E-05	3.68E-10	9.51E-01	1.46E-01	5.10E-01	1.65E-06	3.45E-07	1.97E-05	4.66E-07	2.05E-05	2.25E-05	1.08E-04	8.99E-05	1.99E-05	7.87E-05	3.62E-06	3.69E-06	1.07E-06	2.52E-06
357.5	6369.951	Grid Location	1.10E-01	5.02E-02	2.07E+00	2.70E+00	1.50E-01	4.20E-01	7.55E-05	3.61E-10	9.18E-01	1.41E-01	4.77E-01	1.55E-06	3.26E-07	1.85E-05	4.36E-07	1.92E-05	2.13E-05	1.05E-04	8.46E-05	1.86E-05	7.36E-05	3.47E-06	3.45E-06	9.98E-07	2.36E-06
357.55	6369.951	Grid Location	1.02E-01	4.70E-02	1.95E+00	2.55E+00	1.42E-01	3.90E-01	7.30E-05	3.54E-10	8.87E-01	1.35E-01	4.53E-01	1.44E-06	3.04E-07	1.70E-05	4.01E-07	1.77E-05	1.99E-05	1.02E-04	7.84E-05	1.72E-05	6.78E-05	3.29E-06	3.18E-06	9.19E-07	2.17E-06
357.6	6369.951	Grid Location	9.12E-02	4.18E-02	1.80E+00	2.41E+00	1.39E-01	3.50E-01	6.93E-05	3.44E-10	8.49E-01	1.32E-01	4.18E-01	1.39E-06	2.93E-07	1.64E-05	3.87E-07	1.71E-05	1.91E-05	9.69E-05	7.55E-05	1.66E-05	6.55E-05	3.15E-06	3.07E-06	8.88E-07	2.10E-06
357.65	6369.951	Grid Location	8.40E-02	3.76E-02	1.72E+00	2.36E+00	1.40E-01	3.24E-01	6.77E-05	3.42E-10	8.30E-01	1.32E-01	3.89E-01	1.41E-06	2.96E-07	1.68E-05	3.95E-07	1.74E-05	1.93E-05	9.49E-05	7.67E-05	1.69E-05	6.68E-05	3.14E-06	3.13E-06	9.06E-07	2.14E-06
357.7	6369.951	Grid Location	8.29E-02	3.66E-02	1.70E+00	2.38E+00	1.43E-01	3.21E-01	6.88E-05	3.50E-10	8.37E-01	1.35E-01	3.78E-01	1.45E-06	3.03E-07	1.73E-05	4.07E-07	1.79E-05	1.98E-05	9.65E-05	7.88E-05	1.74E-05	6.87E-05	3.21E-06	3.22E-06	9.33E-07	2.20E-06
357.75	6369.951	Grid Location	8.50E-02	3.76E-02	1.71E+00	2.43E+00	1.45E-01	3.26E-01	7.12E-05	3.62E-10	8.59E-01	1.37E-01	3.83E-01	1.47E-06	3.09E-07	1.75E-05	4.12E-07	1.82E-05	2.02E-05	1.00E-04	8.01E-05	1.76E-05	6.97E-05	3.29E-06	3.26E-06	9.45E-07	2.23E-06
357.8	6369.951	Grid Location	8.59E-02	3.83E-02	1.72E+00	2.43E+00	1.44E-01	3.23E-01	7.24E-05	3.68E-10	8.70E-01	1.38E-01	3.87E-01	1.46E-06	3.08E-07	1.73E-05	4.08E-07	1.80E-05	2.01E-05	1.02E-04	7.95E-05	1.75E-05	6.89E-05	3.31E-06	3.23E-06	9.35E-07	2.21E-06
357.85	6369.951	Grid Location	8.59E-02	3.85E-02	1.71E+00	2.43E+00	1.44E-01	3.17E-01	7.38E-05	3.74E-10	8.79E-01	1.39E-01	3.88E-01	1.46E-06	3.09E-07	1.73E-05	4.07E-07	1.80E-05	2.02E-05	1.04E-04	7.95E-05	1.74E-05	6.88E-05	3.34E-06	3.22E-06	9.32E-07	2.20E-06
357.9	6369.951	Grid Location	8.46E-02	3.79E-02	1.68E+00	2.41E+00	1.45E-01	3.07E-01	7.52E-05	3.78E-10	8.82E-01	1.40E-01	3.81E-01	1.47E-06	3.11E-07	1.74E-05	4.09E-07	1.81E-05	2.03E-05	1.05E-04	8.01E-05	1.75E-05	6.92E-05	3.38E-06	3.24E-06	9.37E-07	2.22E-06
357.95	6369.951	Grid Location	8.30E-02	3.69E-02	1.65E+00	2.41E+00	1.48E-01	2.95E-01	7.73E-05	3.85E-10	8.86E-01	1.42E-01	3.70E-01	1.50E-06	3.19E-07	1.78E-05	4.18E-07	1.85E-05	2.08E-05	1.08E-04	8.20E-05	1.79E-05	7.07E-05	3.46E-06	3.31E-06	9.58E-07	2.26E-06
358	6369.951	Grid Location	8.14E-02	3.58E-02	1.61E+00	2.42E+00	1.51E-01	2.83E-01	8.00E-05	3.92E-10	8.91E-01	1.44E-01	3.56E-01	1.54E-06	3.27E-07	1.82E-05	4.29E-07	1.90E-05	2.14E-05	1.12E-04	8.42E-05	1.84E-05	7.25E-05	3.57E-06	3.39E-06	9.83E-07	2.32E-06
356.5	6370	Grid Location	1.55E-01	6.61E-02	2.88E+00	4.50E+00	2.93E-01	4.89E-01	1.66E-04	7.51E-10	1.67E+00	2.84E-01	6.13E-01	3.36E-06	7.07E-07	3.99E-05	9.40E-07	4.14E-05	4.61E-05	2.31E-04	1.83E-04	4.02E-05	1.59E-04	7.56E-06	7.44E-06	2.15E-06	5.09E-06

356.55	6370	Grid Location	1.61E-01	6.86E-02	2.96E+00	4.61E+00	3.00E-01	5.04E-01	1.71E-04	7.67E-10	1.71E+00	2.91E-01	6.30E-01	3.49E-06	7.35E-07	4.16E-05	9.80E-07	4.32E-05	4.80E-05	2.38E-04	1.90E-04	4.19E-05	1.66E-04	7.84E-06	7.76E-06	2.25E-06	5.31E-06
356.6	6370	Grid Location	1.68E-01	7.15E-02	3.05E+00	4.72E+00	3.06E-01	5.21E-01	1.77E-04	7.84E-10	1.75E+00	2.97E-01	6.49E-01	3.61E-06	7.59E-07	4.29E-05	1.01E-06	4.45E-05	4.95E-05	2.46E-04	1.96E-04	4.33E-05	1.71E-04	8.10E-06	8.01E-06	2.32E-06	5.48E-06
356.65	6370	Grid Location	1.75E-01	7.50E-02	3.15E+00	4.85E+00	3.12E-01	5.43E-01	1.84E-04	8.01E-10	1.80E+00	3.03E-01	6.74E-01	3.71E-06	7.82E-07	4.41E-05	1.04E-06	4.58E-05	5.10E-05	2.55E-04	2.02E-04	4.45E-05	1.76E-04	8.36E-06	8.23E-06	2.38E-06	5.63E-06
356.7	6370	Grid Location	1.82E-01	7.78E-02	3.23E+00	4.96E+00	3.15E-01	5.66E-01	1.90E-04	8.17E-10	1.83E+00	3.07E-01	6.93E-01	3.76E-06	7.94E-07	4.46E-05	1.05E-06	4.64E-05	5.18E-05	2.63E-04	2.05E-04	4.50E-05	1.78E-04	8.54E-06	8.32E-06	2.41E-06	5.69E-06
356.75	6370	Grid Location	1.81E-01	7.77E-02	3.21E+00	4.95E+00	3.05E-01	5.77E-01	1.90E-04	8.14E-10	1.82E+00	3.02E-01	6.86E-01	3.66E-06	7.75E-07	4.32E-05	1.02E-06	4.49E-05	5.07E-05	2.64E-04	1.99E-04	4.36E-05	1.72E-04	8.44E-06	8.05E-06	2.33E-06	5.51E-06
356.8	6370	Grid Location	1.72E-01	7.38E-02	3.06E+00	4.73E+00	2.83E-01	5.63E-01	1.83E-04	7.83E-10	1.75E+00	2.86E-01	6.52E-01	3.38E-06	7.21E-07	3.97E-05	9.34E-07	4.14E-05	4.71E-05	2.54E-04	1.85E-04	4.01E-05	1.58E-04	7.96E-06	7.40E-06	2.14E-06	5.06E-06
356.85	6370	Grid Location	1.60E-01	6.90E-02	2.90E+00	4.45E+00	2.61E-01	5.37E-01	1.70E-04	7.36E-10	1.65E+00	2.67E-01	6.22E-01	3.08E-06	6.58E-07	3.60E-05	8.48E-07	3.76E-05	4.31E-05	2.36E-04	1.68E-04	3.64E-05	1.43E-04	7.33E-06	6.71E-06	1.94E-06	4.59E-06
356.9	6370	Grid Location	1.52E-01	6.60E-02	2.81E+00	4.24E+00	2.50E-01	5.20E-01	1.57E-04	6.89E-10	1.56E+00	2.53E-01	6.08E-01	2.89E-06	6.17E-07	3.40E-05	8.00E-07	3.54E-05	4.04E-05	2.18E-04	1.58E-04	3.43E-05	1.35E-04	6.83E-06	6.33E-06	1.83E-06	4.33E-06
356.95	6370	Grid Location	1.52E-01	6.58E-02	2.82E+00	4.16E+00	2.50E-01	5.21E-01	1.47E-04	6.54E-10	1.50E+00	2.47E-01	6.11E-01	2.88E-06	6.08E-07	3.40E-05	8.02E-07	3.54E-05	3.97E-05	2.04E-04	1.57E-04	3.43E-05	1.36E-04	6.58E-06	6.35E-06	1.84E-06	4.34E-06
357	6370	Grid Location	1.56E-01	6.78E-02	2.89E+00	4.19E+00	2.53E-01	5.38E-01	1.44E-04	6.44E-10	1.50E+00	2.47E-01	6.29E-01	2.91E-06	6.13E-07	3.46E-05	8.16E-07	3.59E-05	4.00E-05	2.00E-04	1.59E-04	3.49E-05	1.38E-04	6.56E-06	6.46E-06	1.87E-06	4.42E-06
357.05	6370	Grid Location	1.55E-01	6.78E-02	2.89E+00	4.16E+00	2.45E-01	5.43E-01	1.44E-04	6.41E-10	1.49E+00	2.42E-01	6.32E-01	2.81E-06	5.94E-07	3.32E-05	7.83E-07	3.46E-05	3.88E-05	2.00E-04	1.53E-04	3.35E-05	1.32E-04	6.44E-06	6.20E-06	1.79E-06	4.24E-06
357.1	6370	Grid Location	1.49E-01	6.56E-02	2.80E+00	4.05E+00	2.31E-01	5.36E-01	1.43E-04	6.33E-10	1.47E+00	2.33E-01	6.18E-01	2.63E-06	5.61E-07	3.09E-05	7.28E-07	3.23E-05	3.67E-05	1.98E-04	1.44E-04	3.12E-05	1.23E-04	6.20E-06	5.76E-06	1.67E-06	3.94E-06
357.15	6370	Grid Location	1.40E-01	6.20E-02	2.65E+00	3.82E+00	2.15E-01	5.13E-01	1.34E-04	6.01E-10	1.39E+00	2.19E-01	5.87E-01	2.42E-06	5.18E-07	2.84E-05	6.67E-07	2.96E-05	3.39E-05	1.86E-04	1.32E-04	2.86E-05	1.13E-04	5.77E-06	5.28E-06	1.53E-06	3.61E-06
357.2	6370	Grid Location	1.32E-01	5.89E-02	2.50E+00	3.56E+00	1.99E-01	4.89E-01	1.22E-04	5.52E-10	1.29E+00	2.01E-01	5.57E-01	2.20E-06	4.71E-07	2.58E-05	6.06E-07	2.69E-05	3.08E-05	1.69E-04	1.20E-04	2.60E-05	1.03E-04	5.25E-06	4.80E-06	1.39E-06	3.28E-06
357.25	6370	Grid Location	1.28E-01	5.75E-02	2.42E+00	3.39E+00	1.89E-01	4.78E-01	1.11E-04	5.10E-10	1.21E+00	1.88E-01	5.43E-01	2.05E-06	4.37E-07	2.40E-05	5.66E-07	2.51E-05	2.86E-05	1.55E-04	1.12E-04	2.43E-05	9.57E-05	4.84E-06	4.48E-06	1.30E-06	3.06E-06
357.3	6370	Grid Location	1.28E-01	5.78E-02	2.40E+00	3.32E+00	1.85E-01	4.81E-01	1.02E-04	4.74E-10	1.15E+00	1.78E-01	5.41E-01	1.98E-06	4.19E-07	2.34E-05	5.51E-07	2.43E-05	2.74E-05	1.42E-04	1.08E-04	2.36E-05	9.31E-05	4.56E-06	4.36E-06	1.26E-06	2.98E-06
357.35	6370	Grid Location	1.31E-01	5.93E-02	2.42E+00	3.27E+00	1.83E-01	4.97E-01	9.45E-05	4.43E-10	1.10E+00	1.71E-01	5.47E-01	1.94E-06	4.07E-07	2.30E-05	5.43E-07	2.39E-05	2.66E-05	1.32E-04	1.05E-04	2.32E-05	9.17E-05	4.33E-06	4.30E-06	1.24E-06	2.94E-06
357.4	6370	Grid Location	1.29E-01	5.87E-02	2.36E+00	3.15E+00	1.75E-01	4.87E-01	8.96E-05	4.22E-10	1.06E+00	1.64E-01	5.40E-01	1.85E-06	3.89E-07	2.20E-05	5.20E-07	2.29E-05	2.54E-05	1.25E-04	1.01E-04	2.22E-05	8.78E-05	4.13E-06	4.12E-06	1.19E-06	2.82E-06
357.45	6370	Grid Location	1.19E-01	5.42E-02	2.21E+00	2.95E+00	1.65E-01	4.44E-01	8.63E-05	4.07E-10	1.01E+00	1.56E-01	5.07E-01	1.75E-06	3.68E-07	2.08E-05	4.90E-07	2.16E-05	2.40E-05	1.20E-04	9.52E-05	2.09E-05	8.27E-05	3.94E-06	3.88E-06	1.12E-06	2.65E-06
357.5	6370	Grid Location	1.08E-01	4.91E-02	2.04E+00	2.76E+00	1.55E-01	4.04E-01	8.26E-05	3.91E-10	9.60E-01	1.48E-01	4.67E-01	1.63E-06	3.44E-07	1.93E-05	4.54E-07	2.00E-05	2.25E-05	1.15E-04	8.87E-05	1.94E-05	7.67E-05	3.72E-06	3.59E-06	1.04E-06	2.46E-06
357.55	6370	Grid Location	1.01E-01	4.62E-02	1.92E+00	2.60E+00	1.45E-01	3.78E-01	7.95E-05	3.80E-10	9.24E-01	1.41E-01	4.43E-01	1.49E-06	3.18E-07	1.76E-05	4.14E-07	1.83E-05	2.08E-05	1.11E-04	8.15E-05	1.77E-05	7.00E-05	3.50E-06	3.27E-06	9.48E-07	2.24E-06
357.6	6370	Grid Location	9.13E-02	4.19E-02	1.79E+00	2.43E+00	1.39E-01	3.43E-01	7.47E-05	3.65E-10	8.79E-01	1.35E-01	4.13E-01	1.39E-06	2.97E-07	1.64E-05	3.86E-07	1.71E-05	1.94E-05	1.04E-04	7.61E-05	1.65E-05	6.52E-05	3.28E-06	3.05E-06	8.84E-07	2.09E-06
357.65	6370	Grid Location	8.28E-02	3.73E-02	1.68E+00	2.34E+00	1.38E-01	3.12E-01	7.10E-05	3.55E-10	8.45E-01	1.33E-01	3.83E-01	1.38E-06	2.93E-07	1.64E-05	3.85E-07	1.70E-05	1.91E-05	9.93E-05	7.55E-05	1.65E-05	6.51E-05	3.18E-06	3.05E-06	8.83E-07	2.09E-06
357.7	6370	Grid Location	7.98E-02	3.52E-02	1.64E+00	2.34E+00	1.41E-01	3.01E-01	7.06E-05	3.57E-10	8.41E-01	1.35E-01	3.67E-01	1.43E-06	3.02E-07	1.70E-05	4.00E-07	1.76E-05	1.97E-05	9.89E-05	7.80E-05	1.71E-05	6.77E-05	3.23E-06	3.17E-06	9.18E-07	2.17E-06
357.75	6370	Grid Location	8.04E-02	3.53E-02	1.64E+00	2.37E+00	1.43E-01	3.02E-01	7.20E-05	3.64E-10	8.51E-01	1.37E-01	3.64E-01	1.46E-06	3.08E-07	1.73E-05	4.09E-07	1.80E-05	2.01E-05	1.01E-04	7.96E-05	1.75E-05	6.91E-05	3.30E-06	3.24E-06	9.37E-07	2.22E-06
357.8	6370	Grid Location	8.19E-02	3.61E-02	1.65E+00	2.39E+00	1.43E-01	3.04E-01	7.37E-05	3.72E-10	8.66E-01	1.38E-01	3.69E-01	1.46E-06	3.09E-07	1.73E-05	4.08E-07	1.80E-05	2.02E-05	1.03E-04	7.98E-05	1.75E-05	6.90E-05	3.34E-06	3.23E-06	9.36E-07	2.21E-06
357.85	6370	Grid Location	8.28E-02	3.68E-02	1.66E+00	2.40E+00	1.42E-01	3.02E-01	7.51E-05	3.78E-10	8.77E-01	1.38E-01	3.74E-01	1.45E-06	3.09E-07	1.72E-05	4.04E-07	1.79E-05	2.02E-05	1.05E-04	7.93E-05	1.73E-05	6.83E-05	3.36E-06	3.20E-06	9.26E-07	2.19E-06
357.9	6370	Grid Location	8.18E-02	3.66E-02	1.63E+00	2.37E+00	1.41E-01	2.95E-01	7.57E-05	3.80E-10	8.76E-01	1.38E-01	3.71E-01	1.44E-06	3.06E-07	1.69E-05	3.99E-07	1.77E-05	2.00E-05	1.06E-04	7.85E-05	1.71E-05	6.74E-05	3.36E-06	3.16E-06	9.14E-07	2.16E-06
357.95	6370	Grid Location	8.02E-02	3.58E-02	1.60E+00	2.34E+00	1.41E-01	2.85E-01	7.65E-05	3.81E-10	8.72E-01	1.38E-01	3.62E-01	1.44E-06	3.07E-07	1.70E-05	3.99E-07	1.77E-05	2.01E-05	1.07E-04	7.87E-05	1.71E-05	6.75E-05	3.38E-06	3.16E-06	9.15E-07	2.16E-06
358	6370	Grid Location	7.85E-02	3.48E-02	1.56E+00	2.33E+00	1.44E-01	2.74E-01	7.80E-05	3.85E-10	8.72E-01	1.40E-01	3.49E-01	1.47E-06	3.13E-07	1.73E-05	4.07E-07	1.80E-05	2.05E-05	1.09E-04	8.02E-05	1.75E-05	6.89E-05	3.44E-06	3.22E-06	9.33E-07	2.20E-06
356.5	6370.05	Grid Location	1.49E-01	6.29E-02	2.74E+00	4.33E+00	2.83E-01	4.57E-01	1.64E-04	7.34E-10	1.62E+00	2.76E-01	5.80E-01	3.29E-06	6.93E-07	3.90E-05	9.19E-07	4.05E-05	4.52E-05	2.28E-04	1.79E-04	3.93E-05	1.55E-04	7.44E-06	7.28E-06	2.11E-06	4.98E-06
356.55	6370.05	Grid Location	1.55E-01	6.57E-02	2.83E+00	4.45E+00	2.92E-01	4.74E-01	1.71E-04	7.54E-10	1.67E+00	2.84E-01	5.98E-01	3.43E-06	7.22E-07	4.07E-05	9.59E-07	4.23E-05	4.71E-05	2.37E-04	1.87E-04	4.10E-05	1.62E-04	7.74E-06	7.59E-06	2.20E-06	5.19E-06
356.6	6370.05	Grid Location	1.61E-01	6.83E-02	2.89E+00	4.55E+00	2.95E-01	4.91E-01	1.76E-04	7.69E-10	1.70E+00	2.89E-01	6.14E-01	3.50E-06	7.39E-07	4.15E-05	9.78E-07	4.31E-05	4.82E-05	2.45E-04	1.91E-04	4.19E-05	1.65E-04	7.95E-06	7.74E-06	2.24E-06	5.30E-06
356.65	6370.05	Grid Location	1.66E-01	7.08E-02	2.96E+00	4.63E+00	2.96E-01	5.10E-01	1.81E-04	7.83E-10	1.74E+00	2.91E-01	6.31E-01	3.53E-06	7.46E-07	4.17E-05	9.82E-07	4.34E-05	4.88E-05	2.52E-04	1.92E-04	4.21E-05	1.66E-04	8.09E-06	7.78E-06	2.25E-06	5.32E-06
356.7	6370.05	Grid Location	1.67E-01	7.14E-02	2.97E+00	4.65E+00	2.90E-01	5.21E-01	1.83E-04	7.84E-10	1.74E+00	2.89E-01	6.33E-01	3.47E-06	7.36E-07	4.08E-05	9.62E-07	4.25E-05	4.81E-05	2.54E-04	1.89E-04	4.12E-05	1.63E-04	8.06E-06	7.61E-06	2.20E-06	5.21E-06
356.75	6370.05	Grid Location	1.63E-01	6.98E-02	2.91E+00	4.57E+00	2.78E-01	5.20E-01	1.82E-04	7.75E-10	1.71E+00	2.82E-01	6.20E-01	3.32E-06	7.09E-07	3.90E-05	9.17E-07	4.07E-05	4.64E-05	2.52E-04	1.81E-04	3.94E-05	1.55E-04	7.86E-06	7.26E-06	2.10E-06	4.97E-06
356.8	6370.05	Grid Location	1.55E-01	6.65E-02	2.80E+00	4.39E+00	2.61E-01	5.06E-01	1.74E-04	7.48E-10	1.65E+00	2.69E-01	5.98E-01	3.09E-06	6.64E-07	3.61E-05	8.50E-07	3.78E-05	4.34E-05	2.42E-04	1.69E-04	3.65E-05	1.44E-04	7.44E-06	6.73E-06	1.95E-06	4.60E-06
356.85	6370.05	Grid Location	1.46E-01	6.31E-02	2.70E+00	4.17E+00	2.47E-01	4.86E-01	1.62E-04	7.05E-10	1.56E+00	2.54E-01	5.81E-01	2.88E-06	6.17E-07	3.36E-05	7.90E-07	3.51E-05	4.04E-05	2.25E-04	1.57E-04	3.39E-05	1.34E-04	6.92E-06	6.25E-06	1.81E-06	4.28E-06
356.9	6370.05	Grid Location	1.42E-01	6.17E-02	2.66E+00	4.04E+00	2.42E-01	4.78E-01	1.50E-04	6.65E-10	1.50E+00	2.45E-01	5.76E-01	2.79E-06	5.95E-07	3.28E-05	7.72E-07	3.42E-05	3.89E-05	2.09E-04	1.52E-04	3.31E-05	1.31E-04	6.56E-06	6.11E-06	1.77E-06	4.18E-06
356.95	6370.05	Grid Location	1.45E-01	6.26E-02	2.70E+00	4.03E+00	2.46E-01	4.87E-01	1.44E-04	6.44E-10	1.47E+00	2.43E-01	5.85E-01	2.82E-06	5.97E-07	3.34E-05	7.87E-07	3.48E-05	3.90E-05	2.00E-04	1.54E-04	3.37E-05	1.33E-04	6.46E-06	6.23E-06	1.80E-06	4.26E-06
357	6370.05	Grid Location	1.48E-01	6.44E-02	2.77E+00	4.10E+00	2.48E-01	5.04E-01	1.45E-04	6.47E-10	1.49E+00	2.44E-01	6.01E-01	2.85E-06	6.02E-07	3.37E-05	7.94E-07	3.51E-05	3.93E-05	2.01E-04	1.55E-04	3.40E-05	1.34E-04	6.50E-06	6.29E-06	1.82E-06	4.30E-06
357.05	6370.05	Grid Location	1.48E-01	6.44E-02	2.78E+00	4.10E+00	2.41E-01	5.11E-01	1.48E-04	6.55E-10	1.50E+00	2.42E-01	6.06E-01	2.76E-06	5.87E-07	3.24E-05	7.63E-07	3.38E-05	3.84E-05	2.05E-04	1.50E-04	3.27E-05	1.29E-04	6.46E-06	6.04E-06	1.75E-06	4.13E-06
357.1	6370.05	Grid Location	1.42E-01	6.23E-02	2.69E+00	3.98E+00	2.28E-01	5.04E-01	1.45E-04	6.45E-10	1.47E+00	2.34E-01	5.90E-01	2.59E-06	5.55E-07	3.03E-05	7.12E-07	3.17E-05	3.64E-05	2.01E-04	1.42E-04	3.06E-05	1.21E-04	6.21E-06	5.64E-06	1.63E-06	3.86E-06
357.15	6370.05	Grid Location	1.36E-01	5.98E-02	2.58E+00	3.81E+00	2.17E-01	4.89E-01	1.38E-04	6.18E-10	1.41E+00	2.23E-01	5.68E-01	2.44E-06	5.23E-07	2.84E-05	6.68E-07	2.97E-05	3.42E-05	1.91E-04	1.33E-04	2.87E-05	1.13E-04	5.88E-06	5.29E-06	1.53E-06	3.62E-06
357.2	6370.05	Grid Location	1.31E-01	5.82E-02	2.49E+00	3.64E+00	2.06E-01	4.76E-01	1.28E-04	5.81E-10	1.33E+00	2.09E-01	5.50E-01	2.28E-06	4.88E-07	2.66E-05	6.25E-07	2.78E-05	3.20E-05	1.78E-04	1.24E-04	2.69E-05	1.06E-04	5.48E-06	4.95E-06	1.43E-06	3.39E-06
357.25	6370.05	Grid Location	1.28E-01	5.72E-02	2.42E+00	3.48E+00	1.97E-01	4.67E-01	1.19E-04	5.42E-10	1.26E+00	1.97E-01	5.39E-01	2.14E-06	4.57E-07	2.50E-05	5.88E-07	2.61E-05	2.99E-05	1.65E-04	1.17E-04	2.53E-05	9.95E-05	5.10E-06	4.66E-06	1.35E-06	3.19E-06
357.3	6370.05	Grid Location	1.28E-01	5.75E-02	2.40E+00	3.40E+00	1.93E-01	4.69E-01	1.10E-04	5.05E-10	1.20E+00	1.87E-01	5.37E-01	2.06E-06	4.39E-07	2.43E-05	5.72E-07	2.53E-05	2.87E-05	1.52E-04	1.13E-04	2.45E-05	9.67E-05	4.81E-06	4.53E-06	1.31E-06	3.10E-06
357.35	6370.05	Grid Location	1.30E-01	5.85E-02	2.40E+00	3.33E+00	1.88E-01	4.79E-01	1.01E-04	4.71E-10	1.14E+00	1.78E-01	5.39E-01	2.00E-06	4.23E-07	2.37E-05	5.58E-07	2.46E-05	2.76E-05	1.41E-04	1.09E-04	2.39E-05	9.44E-05	4.56E-06	4.42E-06	1.28E-06	3.02E-06
357.4	6370.05	Grid Location	1.28E-01	5.81E-02	2.35E+00	3.21E+00	1.80E-01	4.72E-01	9.64E-05	4.50E-10	1.10E+00	1.71E-01	5.35E-01	1.92E-06	4.05E-07	2.27E-05	5.36E-07	2.36E-05	2.64E-05	1.34E-04	1.05E-04	2.29E-05	9.06E-05	4.36E-06	4.24E-06	1.23E-06	2.90E-06
357.45	6370.05	Grid Location	1.20E-01	5.45E-02	2.23E+00	3.05E+00	1.72E-01	4.37E-01	9.37E-05	4.38E-10	1.07E+00	1.65E-01	5.08E-01	1.83E-06	3.88E-07	2.17E-05	5.11E-07	2.25E-05	2.53E-05	1.30E-04	9.99E-05	2.19E-05	8.63E-05	4.20E-06	4.04E-06	1.17E-06	2.77E-06
357.5	6370.05	Grid Location	1.08E-01	4.89E-02	2.04E+00	2.82E+00	1.61E-01	3.93E-01	8.86E-05	4.16E-10	1.00E+00	1.55E-01	4.64E-01	1.70E-06	3.61E-07	2.01E-05	4.74E-07	2.09E-05	2.36E-05	1.23E-04	9.30E-05	2.03E-05	8.01E-05	3.94E-06	3.75E-06	1.09E-06	2.57E-06
357.55	6370.05	Grid Location	1.00E-01	4.56E-02	1.91E+00	2.66E+00	1.50E-01	3.67E-01	8.46E-05	4.00E-10	9.54E-01	1.47E-01	4.37E-01	1.56E-06	3.33E-07	1.83E-05	4.31E-07	1.91E-05	2.18E-05	1.18E-04	8.52E-05	1.85E-05	7.29E-05	3.69E-06	3.41E-06	9.88E-07	2.33E-06
357.6	6370.05	Grid Location	9.14E-02	4.19E-02	1.77E+00	2.46E+00	1.40E-01	3.36E-01	7.89E-05	3.81E-10	9.01E-01	1.38E-01	4.09E-01	1.42E-06	3.04E-07	1.66E-05	3.90E-07	1.73E-05	1.99E-05	1.10E-04	7.75E-05	1.67E-05	6.60E-05	3.40E-06	3.09E-06	8.93E-07	2.11E-06
357.65	6370.05	Grid Location	8.24E-02	3.74E-02	1.65E+00	2.33E+00	1.36E-01	3.03E-01	7.38E-05	3.65E-10	8.57E-01	1.34E-01	3.79E-01	1.37E-06	2.92E-07	1.60E-05	3.77E-07	1.67E-05	1.91E-05	1.03E-04	7.46E-05	1.62E-05	6.39E-05	3.23E-06	2.99E-06	8.65E-07	2.04E-06
357.7	6370.05	Grid Location	7.72E-02	3.43E-02	1.59E+00	2.29E+00	1.38E-01	2.85E-01	7.17E-05	3.61E-10	8.39E-01	1.34E-01	3.58E-01	1.39E-06	2.95E-07	1.64E-05	3.87E-07	1.71E-05	1.93E-05	1.00E-04	7.59E-05	1.66E-05	6.54E-05	3.21E-06	3.06E-06	8.87E-07	2.10E-06
357.75	6370.05	Grid Location	7.57E-02	3.32E-02	1.56E+00	2.29E+00	1.39E-01	2.79E-01	7.18E-05	3.63E-10	8.36E-01	1.35E-01	3.47E-01	1.42E-06	3.01E-07	1.68E-05	3.97E-07	1.75E-05	1.96E-05	1.01E-04	7.75E-05	1.70E-05	6.70E-05	3.25E-06	3.14E-06	9.09E-07	2.15E-06
357.8	6370.05	Grid Location	7.73E-02	3.39E-02	1.58E+00	2.33E+00	1.41E-01	2.83E-01	7.40E-05	3.72E-10	8.53E-01	1.37E-01	3.50E-01	1.45E-06	3.07E-07	1.71E-05	4.03E-07	1.78E-05	2.00E-05	1.04E-04	7.89E-05	1.73E-05	6.81E-05	3.33E-06	3.19E-06	9.23E-07	2.18E-06
357.85	6370.05	Grid Location	7.88E-02	3.48E-02	1.59E+00	2.35E+00	1.40E-01	2.85E-01	7.57E-05	3.79E-10	8.66E-01	1.38E-01	3.57E-01	1.44E-06	3.07E-07	1.70E-05	4.00E-07	1.77E-05	2.00E-05	1.06E-04	7.87E-05	1.71E-05	6.76E-05	3.36E-06	3.16E-06	9.16E-07	2.17E-06
357.9	6370.05	Grid Location	7.85E-02	3.49E-02	1.58E+00	2.33E+00	1.38E-01	2.80E-01	7.61E-05	3.80E-10	8.66E-01	1.36E-01	3.56E-01	1.42E-06	3.02E-07	1.66E-05	3.91E-07	1.73E-05	1.98E-05	1.07E-04	7.73E-05	1.68E-05	6.62E-05	3.34E-06	3.10E-06	8.96E-07	2.12E-06
357.95	6370.05	Grid Location	7.71E-02	3.44E-02	1.54E+00	2.29E+00	1.36E-01	2.73E-01	7.59E-05	3.78E-10	8.58E-01	1.35E-01	3.49E-01	1.40E-06	2.98E-07	1.64E-05	3.85E-07	1.71E-05	1.95E-05	1.06E-04	7.62E-05	1.65E-05	6.51E-05	3.31E-06	3.05E-06	8.82E-07	2.08E-06
358	6370.05	Grid Location	7.54E-02	3.36E-02	1.51E+00	2.26E+00	1.37E-01	2.63E-01	7.63E-05	3.78E-10	8.52E-01	1.35E-01	3.40E-01	1.40E-06	2.99E-07	1.64E-05	3.85E-07	1.71E-05	1.95E-05	1.07E-04	7.63E-05	1.65E-05	6.52E-05	3.32E-06	3.05E-06	8.83E-07	2.09E-06
357.245	6369.49	Grid Location	1.17E-01	5.57E-02	1.79E+00	1.82E+00	1.38E-01	6.22E-01	2.33E-05	1.22E-10	5.07E-01	9.28E-02	4.30E-01	1.41E-06	2.70E-07	1.81E-05	4.31E-07	1.83E-05	1.73E-05	3.35E-05	7.55E-05	1.81E-05	7.21E-05	2.13E-06	3.41E-06	9.87E-07	2.33E-06
357.245	6369.49	Grid Location	1.17E-01	5.57E-02	1.79E+00	1.82E+00	1.38E-01	6.22E-01	2.33E-05	1.22E-10	5.07E-01	9.28E-02	4.30E-01	1.41E-06	2.70E-07	1.81E-05	4.31E-07	1.83E-05	1.73E-05	3.35E-05	7.55E-05	1.81E-05	7.21E-05	2.13E-06	3.41E-06	9.87E-07	2.33E-06
357.195	6369.101	Grid Location	5.26E-02	2.33E-02	1.02E+00	1.51E+00	8.92E-02	3.35E-01	3.72E-05	1.99E-10	4.78E-01	8.15E-02	2.02E-01	8.05E-07	1.68E-07	9.63E-06	2.27E-07	9.98E-06	1.10E-05	5.24E-05	4.38E-05	9.70E-06	3.84E-05	1.76E-06	1.80E-06	5.21E-07	1.23E-06
357.257	6369.085	Grid Location	4.19E-02	1.61E-02	8.32E-01	1.48E+00	1.01E-01	2.74E-01	3.61E-05	1.92E-10	4.30E-01	8.68E-02	1.22E-01	9.29E-07	1.90E-07	1.13E-05	2.68E-07	1.17E-05	1.24E-05	5.10E-05	5.04E-05	1.14E-05	4.51E-05	1.88E-06	2.12E-06	6.14E-07	1.45E-06
357.279	6369.086	Grid Location	4.19E-02	1.58E-02	8.19E-01	1.48E+00	1.04E-01	2.78E-01	3.50E-05	1.87E-10	4.17E-01	8.70E-02	1.14E-01	9.53E-07	1.94E-07	1.17E-05	2.76E-07	1.20E-05	1.26E-05	4.94E-05	5.16E-05	1.17E-05	4.65E-05	1.88E-06	2.19E-06	6.33E-07	1.50E-06
357.296	6369.104	Grid Location	3.82E-02	1.40E-02	7.59E-01	1.35E+00	1.02E-01	2.54E-01	2.73E-05	1.49E-10	3.50E-01	7.92E-02	1.00E-01	9.25E-07	1.85E-07	1.15E-05	2.74E-07	1.18E-05	1.19E-05	3.89E-05	5.00E-05	1.16E-05	4.60E-05	1.68E-06	2.17E-06	6.27E-07	1.48E-06
357.31	6369.127	Grid Location	3.42E-02	1.18E-02	7.06E-01	1.24E+00	1.03E-01	2.15E-01	2.21E-05	1.24E-10	3.03E-01	7.55E-02	8.99E-02	9.37E-07	1.84E-07	1.18E-05	2.82E-07	1.20E-05	1.18E-05	3.17E-05	5.05E-05	1.19E-05	4.73E-05	1.58E-06	2.23E-06	6.46E-07	1.53E-06
357.316	6369.148	Grid Location	3.05E-02	1.01E-02	6.67E-01	1.16E+00	1.04E-01	1.77E-01	1.90E-05	1.09E-10	2.76E-01	7.31E-02	8.46E-02	9.41E-07	1.83E-07	1.20E-05	2.85E-07	1.22E-05	1.18E-05	2.75E-05	5.06E-05	1.20E-05	4.78E-05	1.51E-06	2.26E-06	6.54E-07	1.55E-06
357.32	6369.163	Grid Location	2.83E-02	8.92E-03	6.50E-01	1.11E+00	1.04E-01	1.51E-01	1.69E-05	9.91E-11	2.59E-01	7.15E-02	8.23E-02	9.48E-07	1.83E-07	1.21E-05	2.89E-07	1.23E-05	1.17E-05	2.46E-05	5.09E-05	1.22E-05	4.84E-05	1.47E-06	2.29E-06	6.63E-07	1.57E-06
357.341	6369.158	Grid Location	3.35E-02	1.03E-02	7.21E-01	1.24E+00	1.22E-01	1.74E-01	1.81E-05	1.05E-10	2.79E-01	8.22E-02	8.67E-02	1.17E-06	2.24E-07	1.50E-05	3.59E-07	1.52E-05	1.43E-05	2.64E-05	6.27E-05	1.51E-05	6.00E-05	1.75E-06	2.84E-06	8.22E-07	1.94E-06
357.434	6369.05	Grid Location	1.16E-01	4.54E-02	2.00E+00	3.20E+00	2.41E-01	5.96E-01	7.10E-05	3.46E-10	8.59E-01	1.88E-01	3.17E-01	2.60E-06	5.15E-07	3.26E-05	7.74E-07	3.32E-05	3.33E-05	1.01E-04	1.40E-04	3.27E-05	1.30E-04	4.58E-06	6.13E-06	1.77E-06	4.19E-06
357.5	6369.45	Grid Location	7.09E-02	3.28E-02	1.24E+00	1.31E+00	8.77E-02	4.00E-01	1.26E-05	7.03E-11	3.20E-01	5.63E-02	2.86E-01	8.48E-07	1.62E-07	1.09E-05	2.61E-07	1.11E-05	1.04E-05	1.83E-05	4.55E-05	1.10E-05	4.37E-05	1.26E-06	2.07E-06	5.98E-07	1.41E-06

2.2 Scenario 2 Dust Deposition Results

		Dioxins	H2SO4	HCl	VOC	As	Be	Cd	Co	Cr	Cu	Hg	Mn	Ni	Pb	Sb	Se	Sn	Va
										All Units are mg/m^2.year									
Maximum Deposition Rate at Recreational Receptor		6.68E-10	5.60E+00	3.39E+00	2.52E+00	4.29E-04	4.27E-04	4.56E-04	4.27E-04	4.56E-04	2.57E-05	4.29E-04	5.45E-04	4.56E-04	5.45E-04	4.29E-04	4.32E-04	4.28E-04	4.30E-04
Maximum Deposition Rate at Comm / Ind Receptor		9.17E-10	7.82E+00	5.51E+00	3.78E+00	7.04E-04	7.00E-04	7.66E-04	7.00E-04	7.66E-04	5.90E-05	7.04E-04	9.70E-04	7.66E-04	9.70E-04	7.04E-04	7.11E-04	7.02E-04	7.07E-04
Maximum Deposition Rate at Residential Receptor		2.19E-09	1.82E+01	1.13E+01	8.04E+00	3.34E-03	3.33E-03	3.56E-03	3.33E-03	3.56E-03	2.11E-04	3.34E-03	4.27E-03	3.56E-03	4.27E-03	3.35E-03	3.37E-03	3.34E-03	3.36E-03
Grid Maximum Deposition Rate		2.47E-09	2.08E+01	1.37E+01	9.34E+00	3.45E-03	3.43E-03	3.79E-03	3.43E-03	3.79E-03	3.14E-04	3.45E-03	4.87E-03	3.79E-03	4.87E-03	3.46E-03	3.49E-03	3.45E-03	3.47E-03
357.58	6368.44 Recreational	5.65E-10	4.75E+00	2.94E+00	2.15E+00	3.70E-04	3.68E-04	3.96E-04	3.68E-04	3.96E-04	2.42E-05	3.70E-04	4.79E-04	3.96E-04	4.79E-04	3.70E-04	3.73E-04	3.69E-04	3.71E-04
356.44	6368.33 Recreational	6.68E-10	5.60E+00	3.39E+00	2.52E+00	4.29E-04	4.27E-04	4.56E-04	4.27E-04	4.56E-04	2.57E-05	4.29E-04	5.45E-04	4.56E-04	5.45E-04	4.29E-04	4.32E-04	4.28E-04	4.30E-04
358.17	6369.64 Comercial/Industrial Workers	5.75E-10	4.89E+00	3.30E+00	2.25E+00	2.50E-04	2.48E-04	2.72E-04	2.49E-04	2.72E-04	2.07E-05	2.50E-04	3.43E-04	2.72E-04	3.43E-04	2.50E-04	2.53E-04	2.49E-04	2.51E-04
357.56	6369.20 Comercial/Industrial Workers	3.28E-10	2.95E+00	3.41E+00	1.41E+00	1.43E-04	1.41E-04	1.74E-04	1.41E-04	1.74E-04	2.95E-05	1.43E-04	2.76E-04	1.74E-04	2.76E-04	1.43E-04	1.47E-04	1.42E-04	1.45E-04
356.42	6368.85 Comercial/Industrial Workers	8.32E-10	7.05E+00	4.61E+00	3.24E+00	4.43E-04	4.40E-04	4.77E-04	4.41E-04	4.77E-04	3.19E-05	4.43E-04	5.87E-04	4.77E-04	5.87E-04	4.43E-04	4.47E-04	4.42E-04	4.45E-04
357.33	6369.03 Comercial/Industrial Workers	4.50E-10	3.79E+00	3.02E+00	1.64E+00	1.78E-04	1.77E-04	1.97E-04	1.77E-04	1.97E-04	1.75E-05	1.78E-04	2.58E-04	1.97E-04	2.58E-04	1.79E-04	1.81E-04	1.78E-04	1.79E-04
357.20	6368.89 Comercial/Industrial Workers	6.50E-10	5.58E+00	3.94E+00	2.60E+00	2.88E-04	2.86E-04	3.12E-04	2.87E-04	3.12E-04	2.23E-05	2.88E-04	3.89E-04	3.12E-04	3.89E-04	2.88E-04	2.91E-04	2.87E-04	2.89E-04
357.05	6368.81 Comercial/Industrial Workers	7.22E-10	6.25E+00	4.09E+00	3.02E+00	3.72E-04	3.71E-04	3.99E-04	3.71E-04	3.99E-04	2.50E-05	3.72E-04	4.85E-04	3.99E-04	4.85E-04	3.73E-04	3.76E-04	3.72E-04	3.74E-04
356.93	6368.71 Comercial/Industrial Workers	7.63E-10	6.51E+00	4.00E+00	3.07E+00	4.57E-04	4.55E-04	4.85E-04	4.55E-04	4.85E-04	2.69E-05	4.57E-04	5.78E-04	4.85E-04	5.78E-04	4.57E-04	4.60E-04	4.56E-04	4.59E-04
356.68	6368.52 Comercial/Industrial Workers	7.32E-10	6.18E+00	3.67E+00	2.84E+00	5.01E-04	4.99E-04	5.31E-04	4.99E-04	5.31E-04	2.83E-05	5.01E-04	6.29E-04	5.31E-04	6.29E-04	5.01E-04	5.05E-04	5.00E-04	5.03E-04
357.13	6369.01 Comercial/Industrial Workers	4.86E-10	4.25E+00	3.03E+00	2.07E+00	1.97E-04	1.96E-04	2.14E-04	1.96E-04	2.14E-04	1.64E-05	1.97E-04	2.71E-04	2.14E-04	2.71E-04	1.97E-04	1.99E-04	1.97E-04	1.98E-04
356.83	6368.83 Comercial/Industrial Workers	9.17E-10	7.82E+00	4.77E+00	3.67E+00	5.04E-04	5.02E-04	5.38E-04	5.02E-04	5.38E-04	3.21E-05	5.04E-04	6.49E-04	5.38E-04	6.49E-04	5.04E-04	5.08E-04	5.03E-04	5.06E-04
356.69	6368.72 Comercial/Industrial Workers	8.14E-10	6.94E+00	4.41E+00	3.25E+00	5.10E-04	5.07E-04	5.45E-04	5.08E-04	5.45E-04	3.35E-05	5.10E-04	6.61E-04	5.45E-04	6.61E-04	5.10E-04	5.14E-04	5.09E-04	5.12E-04
356.61	6368.63 Comercial/Industrial Workers	7.54E-10	6.41E+00	4.02E+00	2.97E+00	5.47E-04	5.45E-04	5.84E-04	5.45E-04	5.84E-04	3.45E-05	5.47E-04	7.03E-04	5.84E-04	7.03E-04	5.47E-04	5.52E-04	5.46E-04	5.49E-04
356.52	6368.59 Comercial/Industrial Workers	7.08E-10	6.02E+00	3.80E+00	2.79E+00	5.40E-04	5.38E-04	5.79E-04	5.38E-04	5.79E-04	3.61E-05	5.40E-04	7.03E-04	5.79E-04	7.03E-04	5.41E-04	5.45E-04	5.40E-04	5.43E-04
356.45	6368.56 Comercial/Industrial Workers	6.89E-10	5.84E+00	3.65E+00	2.70E+00	5.31E-04	5.29E-04	5.69E-04	5.29E-04	5.69E-04	3.53E-05	5.31E-04	6.90E-04	5.69E-04	6.90E-04	5.32E-04	5.36E-04	5.30E-04	5.33E-04
356.34	6368.55 Comercial/Industrial Workers	6.96E-10	5.90E+00	3.61E+00	2.73E+00	5.43E-04	5.41E-04	5.81E-04	5.41E-04	5.81E-04	3.56E-05	5.43E-04	7.04E-04	5.81E-04	7.04E-04	5.44E-04	5.48E-04	5.42E-04	5.45E-04
356.36	6368.66 Comercial/Industrial Workers	7.25E-10	6.20E+00	3.85E+00	2.92E+00	5.52E-04	5.50E-04	5.93E-04	5.50E-04	5.93E-04	3.82E-05	5.52E-04	7.25E-04	5.93E-04	7.25E-04	5.53E-04	5.57E-04	5.51E-04	5.55E-04
356.47	6368.74 Comercial/Industrial Workers	7.73E-10	6.58E+00	4.20E+00	3.07E+00	5.27E-04	5.24E-04	5.67E-04	5.25E-04	5.67E-04	3.78E-05	5.27E-04	6.98E-04	5.67E-04	6.98E-04	5.28E-04	5.32E-04	5.26E-04	5.29E-04
356.40	6368.77 Comercial/Industrial Workers	7.77E-10	6.61E+00	4.26E+00	3.07E+00	5.02E-04	4.99E-04	5.41E-04	4.99E-04	5.41E-04	3.70E-05	5.02E-04	6.69E-04	5.41E-04	6.69E-04	5.02E-04	5.07E-04	5.01E-04	5.04E-04
356.35	6368.78 Comercial/Industrial Workers	7.76E-10	6.60E+00	4.28E+00	3.05E+00	4.83E-04	4.81E-04	5.21E-04	4.81E-04	5.21E-04	3.52E-05	4.83E-04	6.42E-04	5.21E-04	6.42E-04	4.84E-04	4.88E-04	4.82E-04	4.85E-04
356.72	6369.08 Comercial/Industrial Workers	8.84E-10	7.63E+00	5.11E+00	3.65E+00	3.68E-04	3.66E-04	4.00E-04	3.67E-04	4.00E-04	2.94E-05	3.68E-04	5.01E-04	4.00E-04	5.01E-04	3.69E-04	3.72E-04	3.68E-04	3.70E-04
356.93	6369.04 Comercial/Industrial Workers	6.98E-10	6.17E+00	4.16E+00	3.12E+00	3.02E-04	3.01E-04	3.29E-04	3.01E-04	3.29E-04	2.47E-05	3.02E-04	4.14E-04	3.29E-04	4.14E-04	3.03E-04	3.06E-04	3.02E-04	3.04E-04
356.78	6369.28 Comercial/Industrial Workers	8.87E-10	7.75E+00	5.51E+00	3.78E+00	3.63E-04	3.61E-04	3.97E-04	3.61E-04	3.97E-04	3.24E-05	3.63E-04	5.09E-04	3.97E-04	5.09E-04	3.63E-04	3.67E-04	3.62E-04	3.65E-04
356.94	6368.57 Comercial/Industrial Workers	6.62E-10	5.63E+00	3.49E+00	2.62E+00	4.02E-04	4.01E-04	4.29E-04	4.01E-04	4.29E-04	2.48E-05	4.03E-04	5.14E-04	4.29E-04	5.14E-04	4.03E-04	4.06E-04	4.02E-04	4.04E-04
357.10	6368.46 Comercial/Industrial Workers	6.09E-10	5.13E+00	3.15E+00	2.33E+00	3.57E-04	3.56E-04	3.81E-04	3.56E-04	3.81E-04	2.22E-05	3.57E-04	4.57E-04	3.81E-04	4.57E-04	3.57E-04	3.60E-04	3.57E-04	3.59E-04
357.19	6368.42 Comercial/Industrial Workers	5.93E-10	4.99E+00	3.02E+00	2.26E+00	3.49E-04	3.48E-04	3.72E-04	3.48E-04	3.72E-04	2.13E-05	3.49E-04	4.45E-04	3.72E-04	4.45E-04	3.49E-04	3.52E-04	3.49E-04	3.50E-04
357.25	6368.46 Comercial/Industrial Workers	6.00E-10	5.05E+00	3.08E+00	2.30E+00	3.58E-04	3.57E-04	3.82E-04	3.57E-04	3.82E-04	2.21E-05	3.59E-04	4.58E-04	3.82E-04	4.58E-04	3.59E-04	3.61E-04	3.58E-04	3.60E-04
357.15	6368.71 Comercial/Industrial Workers	6.97E-10	5.93E+00	3.83E+00	2.75E+00	3.75E-04	3.74E-04	4.02E-04	3.74E-04	4.02E-04	2.48E-05	3.76E-04	4.87E-04	4.02E-04	4.87E-04	3.76E-04	3.79E-04	3.75E-04	3.77E-04
357.23	6368.78 Comercial/Industrial Workers	7.10E-10	6.06E+00	4.05E+00	2.82E+00	3.55E-04	3.53E-04	3.81E-04	3.53E-04	3.81E-04	2.51E-05	3.55E-04	4.68E-04	3.81E-04	4.68E-04	3.55E-04	3.58E-04	3.54E-04	3.56E-04
357.27	6368.67 Comercial/Industrial Workers	6.87E-10	5.84E+00	3.70E+00	2.70E+00	3.81E-04	3.79E-04	4.07E-04	3.79E-04	4.07E-04	2.46E-05	3.81E-04	4.92E-04	4.07E-04	4.92E-04	3.81E-04	3.84E-04	3.80E-04	3.82E-04
357.29	6368.59 Comercial/Industrial Workers	6.57E-10	5.55E+00	3.45E+00	2.54E+00	3.89E-04	3.87E-04	4.15E-04	3.87E-04	4.15E-04	2.45E-05	3.89E-04	4.99E-04	4.15E-04	4.99E-04	3.89E-04	3.92E-04	3.88E-04	3.90E-04
357.31	6368.56 Comercial/Industrial Workers	6.42E-10	5.42E+00	3.36E+00	2.47E+00	3.85E-04	3.83E-04	4.11E-04	3.84E-04	4.11E-04	2.42E-05	3.85E-04	4.94E-04	4.11E-04	4.94E-04	3.85E-04	3.88E-04	3.84E-04	3.87E-04
357.31	6368.54 Comercial/Industrial Workers	6.31E-10	5.32E+00	3.29E+00	2.43E+00	3.80E-04	3.79E-04	4.06E-04	3.79E-04	4.06E-04	2.39E-05	3.80E-04	4.88E-04	4.06E-04	4.88E-04	3.81E-04	3.83E-04	3.80E-04	3.82E-04
357.25	6368.48 Comercial/Industrial Workers	6.10E-10	5.15E+00	3.15E+00	2.34E+00	3.65E-04	3.63E-04	3.89E-04	3.64E-04	3.89E-04	2.26E-05	3.65E-04	4.67E-04	3.89E-04	4.67E-04	3.65E-04	3.68E-04	3.64E-04	3.66E-04
357.29	6368.82 Comercial/Industrial Workers	7.22E-10	6.18E+00	4.17E+00	2.89E+00	3.47E-04	3.45E-04	3.74E-04	3.45E-04	3.74E-04	2.52E-05	3.47E-04	4.61E-04	3.74E-04	4.61E-04	3.47E-04	3.50E-04	3.46E-04	3.48E-04
357.36	6368.74 Comercial/Industrial Workers	7.08E-10	6.04E+00	3.93E+00	2.81E+00	3.71E-04	3.70E-04	3.99E-04	3.70E-04	3.99E-04	2.56E-05	3.71E-04	4.87E-04	3.99E-04	4.87E-04	3.72E-04	3.75E-04	3.71E-04	3.73E-04
357.33	6368.69 Comercial/Industrial Workers	6.88E-10	5.86E+00	3.72E+00	2.72E+00	3.79E-04	3.78E-04	4.06E-04	3.78E-04	4.06E-04	2.49E-05	3.79E-04	4.92E-04	4.06E-04	4.92E-04	3.80E-04	3.83E-04	3.79E-04	3.81E-04
357.37	6368.60 Comercial/Industrial Workers	6.48E-10	5.48E+00	3.42E+00	2.51E+00	3.89E-04	3.87E-04	4.15E-04	3.87E-04	4.15E-04	2.49E-05	3.89E-04	5.01E-04	4.15E-04	5.01E-04	3.89E-04	3.92E-04	3.88E-04	3.90E-04
357.39	6368.54 Comercial/Industrial Workers	6.21E-10	5.24E+00	3.24E+00	2.39E+00	3.80E-04	3.79E-04	4.06E-04	3.79E-04	4.06E-04	2.41E-05	3.80E-04	4.89E-04	4.06E-04	4.89E-04	3.81E-04	3.84E-04	3.80E-04	3.82E-04
357.40	6368.52 Comercial/Industrial Workers	6.11E-10	5.15E+00	3.18E+00	2.34E+00	3.76E-04	3.74E-04	4.01E-04	3.75E-04	4.01E-04	2.38E-05	3.76E-04	4.83E-04	4.01E-04	4.83E-04	3.76E-04	3.79E-04	3.75E-04	3.78E-04
357.48	6368.76 Comercial/Industrial Workers	7.10E-10	6.08E+00	4.08E+00	2.86E+00	3.98E-04	3.96E-04	4.30E-04	3.96E-04	4.30E-04	3.01E-05	3.98E-04	5.34E-04	4.30E-04	5.34E-04	3.99E-04	4.02E-04	3.98E-04	4.00E-04
357.48	6368.68 Comercial/Industrial Workers	6.70E-10	5.70E+00	3.68E+00	2.63E+00	4.00E-04	3.98E-04	4.30E-04	3.99E-04	4.30E-04	2.81E-05	4.00E-04	5.27E-04	4.30E-04	5.27E-04	4.01E-04	4.04E-04	4.00E-04	4.02E-04
357.58	6368.66 Comercial/Industrial Workers	6.93E-10	5.89E+00	3.86E+00	2.72E+00	4.74E-04	4.72E-04	5.11E-04	4.72E-04	5.11E-04	3.50E-05	4.74E-04	6.32E-04	5.11E-04	6.32E-04	4.74E-04	4.79E-04	4.73E-04	4.76E-04
357.63	6368.79 Comercial/Industrial Workers	8.43E-10	7.30E+00	5.18E+00	3.52E+00	6.52E-04	6.47E-04	7.14E-04	6.48E-04	7.14E-04	5.87E-05	6.52E-04	9.16E-04	7.14E-04	9.16E-04	6.52E-04	6.59E-04	6.50E-04	6.55E-04
357.69	6368.69 Comercial/Industrial Workers	8.21E-10	6.98E+00	4.72E+00	3.23E+00	7.04E-04	7.00E-04	7.66E-04	7.00E-04	7.66E-04	5.90E-05	7.04E-04	9.70E-04	7.66E-04	9.70E-04	7.04E-04	7.11E-04	7.02E-04	7.07E-04
358.31	6368.79 School Tafe	2.19E-09	1.82E+01	1.13E+01	8.04E+00	3.34E-03	3.33E-03	3.56E-03	3.33E-03	3.56E-03	2.05E-04	3.34E-03	4.27E-03	3.56E-03	4.27E-03	3.35E-03	3.37E-03	3.34E-03	3.36E-03
358.52	6368.92 Residential	1.59E-09	1.32E+01	7.89E+00	5.75E+00	1.39E-03	1.38E-03	1.48E-03	1.38E-03	1.48E-03	8.57E-05	1.39E-03	1.77E-03	1.48E-03	1.77E-03	1.39E-03	1.40E-03	1.39E-03	1.39E-03
358.40	6368.88 Residential	2.03E-09	1.68E+01	9.93E+00	7.32E+00	2.63E-03	2.62E-03	2.78E-03	2.62E-03	2.78E-03	1.43E-04	2.63E-03	3.27E-03	2.78E-03	3.27E-03	2.63E-03	2.64E-03	2.62E-03	2.63E-03
358.09	6368.75 Residential	1.82E-09	1.53E+01	9.97E+00	6.97E+00	2.75E-03	2.73E-03	2.97E-03	2.74E-03	2.97E-03	2.11E-04	2.75E-03	3.70E-03	2.97E-03	3.70E-03	2.75E-03	2.78E-03	2.74E-03	2.76E-03
358.02	6368.72 Residential	1.53E-09	1.29E+01	8.51E+00	5.86E+00	2.16E-03	2.15E-03	2.34E-03	2.15E-03	2.34E-03	1.72E-04	2.16E-03	2.94E-03	2.34E-03	2.94E-03	2.16E-03	2.18E-03	2.16E-03	2.17E-03
357.95	6368.69 Residential	1.29E-09	1.09E+01	7.27E+00	4.98E+00	1.69E-03	1.68E-03	1.83E-03	1.68E-03	1.83E-03	1.36E-04	1.69E-03	2.30E-03	1.83E-03	2.30E-03	1.69E-03	1.71E-03	1.68E-03	1.70E-03
357.86	6368.64 Residential	9.90E-10	8.38E+00	5.58E+00	3.83E+00	1.09E-03	1.08E-03	1.19E-03	1.09E-03	1.19E-03	9.01E-05	1.09E-03	1.50E-03	1.19E-03	1.50E-03	1.09E-03	1.10E-03	1.09E-03	1.10E-03
357.78	6368.61 Residential	8.10E-10	6.86E+00	4.51E+00	3.14E+00	7.47E-04	7.42E-04	8.11E-04	7.43E-04	8.11E-04	6.07E-05	7.47E-04	1.02E-03	8.11E-04	1.02E-03	7.47E-04	7.55E-04	7.45E-04	7.50E-04
357.68	6368.56 Residential	6.65E-10	5.61E+00	3.61E+00	2.55E+00	5.01E-04	4.98E-04	5.40E-04	4.98E-04	5.40E-04	3.67E-05	5.01E-04	6.66E-04	5.40E-04	6.66E-04	5.01E-04	5.05E-04	5.00E-04	5.03E-04
357.59	6368.52 Residential	6.15E-10	5.19E+00	3.27E+00	2.36E+00	4.16E-04	4.14E-04	4.46E-04	4.14E-04	4.46E-04	2.85E-05	4.16E-04	5.44E-04	4.46E-04	5.44E-04	4.16E-04	4.20E-04	4.15E-04	4.18E-04
357.50	6368.49 Residential	5.90E-10	4.97E+00	3.08E+00	2.25E+00	3.76E-04	3.74E-04	4.02E-04	3.74E-04	4.02E-04	2.45E-05	3.76E-04	4.86E-04	4.02E-04	4.86E-04	3.76E-04	3.79E-04	3.75E-04	3.77E-04
357.43	6368.46 Residential	5.79E-10	4.88E+00	2.99E+00	2.21E+00	3.59E-04	3.57E-04	3.83E-04	3.58E-04	3.83E-04	2.25E-05	3.59E-04	4.61E-04	3.83E-04	4.61E-04	3.59E-04	3.62E-04	3.59E-04	3.60E-04
357.37	6368.42 Residential	5.66E-10	4.78E+00	2.92E+00	2.18E+00	3.46E-04	3.45E-04	3.69E-04	3.45E-04	3.69E-04	2.13E-05	3.47E-04	4.43E-04	3.69E-04	4.43E-04	3.47E-04	3.49E-04	3.46E-04	3.48E-04
357.31	6368.40 Residential	5.58E-10	4.71E+00	2.87E+00	2.15E+00	3.38E-04	3.36E-04	3.59E-04	3.36E-04	3.59E-04	2.06E-05	3.38E-04	4.31E-04	3.59E-04	4.31E-04	3.38E-04	3.40E-04	3.37E-04	3.39E-04
357.23	6368.37 Residential	5.62E-10	4.73E+00	2.85E+00	2.14E+00	3.32E-04	3.31E-04	3.53E-04	3.31E-04	3.53E-04	2.00E-05	3.32E-04	4.22E-04	3.53E-04	4.22E-04	3.32E-04	3.35E-04	3.32E-04	3.33E-04
357.15	6368.33 Residential	5.65E-10	4.74E+00	2.83E+00	2.14E+00	3.23E-04	3.21E-04	3.43E-04	3.22E-04	3.43E-04	1.94E-05	3.23E-04	4.10E-04	3.43E-04	4.10E-04	3.23E-04	3.25E-04	3.22E-04	3.24E-04
357.09	6368.30 Residential	5.63E-10	4.72E+00	2.82E+00	2.13E+00	3.15E-04	3.14E-04	3.35E-04	3.14E-04	3.35E-04	1.89E-05	3.15E-04	4.01E-04	3.35E-04	4.01E-04	3.15E-04	3.18E-04	3.15E-04	3.16E-04
357.04	6368.28 Residential	5.54E-10	4.65E+00	2.77E+00	2.10E+00	3.04E-04	3.03E-04	3.24E-04	3.03E-04	3.24E-04	1.82E-05	3.05E-04	3.87E-04	3.24E-04	3.87E-04	3.05E-04	3.07E-04	3.04E-04	3.06E-04
356.98	6368.25 Residential	5.50E-10	4.61E+00	2.74E+00	2.08E+00	2.97E-04	2.96E-04	3.15E-04	2.96E-04	3.15E-04	1.76E-05	2.97E-04	3.76E-04	3.15E-04	3.76E-04	2.97E-04	2.99E-04	2.96E-04	2.98E-04
356.91	6368.23 Residential	5.52E-10	4.63E+00	2.74E+00	2.09E+00	2.93E-04	2.92E-04	3.11E-04	2.92E-04	3.11E-04	1.72E-05	2.93E-04	3.71E-04	3.11E-04	3.71E-04	2.93E-04	2.95E-04	2.93E-04	2.94E-04
356.77	6368.16 Residential	5.64E-10	4.73E+00	2.79E+00	2.13E+00	2.88E-04	2.87E-04	3.06E-04	2.87E-04	3.06E-04	1.65E-05	2.88E-04	3.63E-04	3.06E-04	3.63E-04	2.88E-04	2.90E-04	2.88E-04	2.89E-04
356.69	6368.14 Residential	5.78E-10	4.84E+00	2.87E+00	2.17E+00	2.94E-04	2.93E-04	3.12E-04	2.93E-04	3.12E-04	1.67E-05	2.94E-04	3.69E-04	3.12E-04	3.69E-04	2.94E-04	2.96E-04	2.94E-04	2.95E-04
356.74	6368.00 Residential	5.51E-10	4.60E+00	2.68E+00	2.04E+00	2.47E-04	2.46E-04	2.62E-04	2.47E-04	2.62E-04	1.38E-05	2.48E-04	3.10E-04	2.62E-04	3.10E-04	2.48E-04	2.49E-04	2.47E-04	2.48E-04
356.85	6368.03 Residential	5.26E-10	4.39E+00	2.55E+00	1.96E+00	2.46E-04	2.45E-04	2.60E-04	2.45E-04	2.60E-04	1.39E-05	2.46E-04	3.08E-04	2.60E-04	3.08E-04	2.46E-04	2.47E-04	2.45E-04	2.46E-04
356.95	6368.07 Residential	5.13E-10	4.29E+00	2.52E+00	1.92E+00	2.51E-04	2.50E-04	2.66E-04	2.50E-04	2.66E-04	1.46E-05	2.51E-04	3.16E-04	2.66E-04	3.16E-04	2.51E-04	2.53E-04	2.50E-04	2.52E-04
357.04	6368.11 Residential	5.19E-10	4.34E+00	2.56E+00	1.94E+00	2.64E-04	2.63E-04	2.80E-04	2.63E-04	2.80E-04	1.55E-05	2.64E-04	3.34E-04	2.80E-04	3.34E-04	2.64E-04	2.66E-04	2.64E-04	2.65E-04
357.11	6368.14 Residential	5.21E-10	4.36E+00	2.57E+00	1.95E+00	2.73E-04	2.72E-04	2.90E-04	2.72E-04	2.90E-04	1.60E-05	2.73E-04	3.45E-04	2.90E-04	3.45E-04	2.73E-04	2.75E-04	2.73E-04	2.74E-04
357.19	6368.18 Residential	5.15E-10	4.32E+00	2.55E+00	1.94E+00	2.81E-04	2.79E-04	2.98E-04	2.80E-04	2.98E-04	1.65E-05	2.81E-04	3.55E-04	2.98E-04	3.55E-04	2.81E-04	2.83E-04	2.80E-04	2.82E-04
357.28	6368.26 Residential	5.18E-10	4.36E+00	2.62E+00	1.97E+00	3.00E-04	2.99E-04	3.19E-04	2.99E-04	3.19E-04	1.80E-05	3.00E-04	3.81E-04	3.19E-04	3.81E-04	3.00E-04	3.02E-04	3.00E-04	3.01E-04
357.37	6368.25 Residential	5.10E-10	4.28E+00	2.57E+00	1.94E+00	2.98E-04	2.97E-04	3.17E-04	2.97E-04	3.17E-04	1.79E-05	2.98E-04	3.79E-04	3.17E-04	3.79E-04	2.98E-04	3.01E-04	2.98E-04	2.99E-04

357.43	6368.28	Residential	5.17E-10	4.34E+00	2.60E+00	1.95E+00	3.07E-04	3.06E-04	3.27E-04	3.06E-04	3.27E-04	1.84E-05	3.07E-04	3.90E-04	3.27E-04	3.90E-04	3.07E-04	3.09E-04	3.07E-04	3.08E-04
357.59	6368.34	Residential	5.33E-10	4.47E+00	2.72E+00	2.01E+00	3.38E-04	3.37E-04	3.61E-04	3.37E-04	3.61E-04	2.14E-05	3.38E-04	4.35E-04	3.61E-04	4.35E-04	3.38E-04	3.41E-04	3.38E-04	3.39E-04
357.67	6368.39	Residential	5.56E-10	4.67E+00	2.89E+00	2.10E+00	3.76E-04	3.74E-04	4.03E-04	3.75E-04	4.03E-04	2.49E-05	3.76E-04	4.88E-04	4.03E-04	4.88E-04	3.77E-04	3.80E-04	3.76E-04	3.78E-04
357.75	6368.41	Residential	5.84E-10	4.90E+00	3.07E+00	2.20E+00	4.25E-04	4.23E-04	4.56E-04	4.23E-04	4.56E-04	2.93E-05	4.25E-04	5.57E-04	4.56E-04	5.57E-04	4.25E-04	4.29E-04	4.24E-04	4.27E-04
357.80	6368.45	Residential	6.42E-10	5.39E+00	3.39E+00	2.42E+00	5.03E-04	5.01E-04	5.42E-04	5.01E-04	5.42E-04	3.63E-05	5.03E-04	6.67E-04	5.42E-04	6.67E-04	5.04E-04	5.08E-04	5.02E-04	5.06E-04
357.89	6368.48	Residential	7.53E-10	6.33E+00	4.04E+00	2.85E+00	6.70E-04	6.66E-04	7.24E-04	6.67E-04	7.24E-04	5.07E-05	6.70E-04	8.98E-04	7.24E-04	8.98E-04	6.70E-04	6.76E-04	6.69E-04	6.73E-04
357.97	6368.50	Residential	8.67E-10	7.28E+00	4.72E+00	3.26E+00	8.77E-04	8.73E-04	9.48E-04	8.74E-04	9.48E-04	6.67E-05	8.78E-04	1.18E-03	9.48E-04	1.18E-03	8.78E-04	8.86E-04	8.76E-04	8.82E-04
358.08	6368.56	Residential	1.12E-09	9.41E+00	6.08E+00	4.20E+00	1.32E-03	1.31E-03	1.42E-03	1.31E-03	1.42E-03	9.85E-05	1.32E-03	1.76E-03	1.42E-03	1.76E-03	1.32E-03	1.33E-03	1.32E-03	1.33E-03
358.16	6368.59	Residential	1.34E-09	1.12E+01	7.19E+00	5.02E+00	1.67E-03	1.67E-03	1.81E-03	1.67E-03	1.81E-03	1.23E-04	1.68E-03	2.23E-03	1.81E-03	2.23E-03	1.68E-03	1.69E-03	1.67E-03	1.68E-03
358.45	6368.73	Residential	1.97E-09	1.64E+01	9.97E+00	7.15E+00	2.15E-03	2.14E-03	2.31E-03	2.14E-03	2.31E-03	1.48E-04	2.15E-03	2.82E-03	2.31E-03	2.82E-03	2.15E-03	2.17E-03	2.15E-03	2.16E-03
358.55	6368.77	Residential	1.88E-09	1.55E+01	9.16E+00	6.70E+00	1.57E-03	1.56E-03	1.68E-03	1.56E-03	1.68E-03	1.04E-04	1.57E-03	2.03E-03	1.68E-03	2.03E-03	1.57E-03	1.58E-03	1.56E-03	1.57E-03
358.62	6368.71	Residential	1.76E-09	1.45E+01	8.61E+00	6.27E+00	1.20E-03	1.20E-03	1.29E-03	1.20E-03	1.29E-03	8.24E-05	1.20E-03	1.58E-03	1.29E-03	1.58E-03	1.20E-03	1.21E-03	1.20E-03	1.21E-03
358.54	6368.69	Residential	1.85E-09	1.53E+01	9.31E+00	6.68E+00	1.54E-03	1.53E-03	1.66E-03	1.54E-03	1.66E-03	1.12E-04	1.54E-03	2.05E-03	1.66E-03	2.05E-03	1.54E-03	1.56E-03	1.54E-03	1.55E-03
358.48	6368.65	Residential	1.79E-09	1.49E+01	9.20E+00	6.56E+00	1.72E-03	1.71E-03	1.86E-03	1.71E-03	1.86E-03	1.27E-04	1.72E-03	2.29E-03	1.86E-03	2.29E-03	1.72E-03	1.74E-03	1.72E-03	1.73E-03
358.38	6368.62	Residential	1.68E-09	1.41E+01	8.76E+00	6.25E+00	1.91E-03	1.90E-03	2.06E-03	1.90E-03	2.06E-03	1.37E-04	1.91E-03	2.53E-03	2.06E-03	2.53E-03	1.91E-03	1.93E-03	1.91E-03	1.92E-03
358.28	6368.58	Residential	1.46E-09	1.22E+01	7.71E+00	5.43E+00	1.74E-03	1.73E-03	1.87E-03	1.73E-03	1.87E-03	1.25E-04	1.74E-03	2.30E-03	1.87E-03	2.30E-03	1.74E-03	1.76E-03	1.74E-03	1.75E-03
358.17	6368.53	Residential	1.17E-09	9.82E+00	6.27E+00	4.37E+00	1.34E-03	1.33E-03	1.44E-03	1.33E-03	1.44E-03	9.75E-05	1.34E-03	1.78E-03	1.44E-03	1.78E-03	1.34E-03	1.35E-03	1.34E-03	1.35E-03
358.08	6368.48	Residential	9.59E-10	8.03E+00	5.18E+00	3.57E+00	1.01E-03	1.01E-03	1.09E-03	1.01E-03	1.09E-03	7.46E-05	1.02E-03	1.35E-03	1.09E-03	1.35E-03	1.02E-03	1.02E-03	1.01E-03	1.02E-03
357.98	6368.45	Residential	7.87E-10	6.60E+00	4.22E+00	2.95E+00	7.32E-04	7.29E-04	7.90E-04	7.29E-04	7.90E-04	5.43E-05	7.33E-04	9.78E-04	7.90E-04	9.78E-04	7.33E-04	7.40E-04	7.31E-04	7.36E-04
357.89	6368.40	Residential	6.73E-10	5.64E+00	3.52E+00	2.52E+00	5.40E-04	5.37E-04	5.81E-04	5.38E-04	5.81E-04	3.88E-05	5.40E-04	7.15E-04	5.81E-04	7.15E-04	5.41E-04	5.45E-04	5.39E-04	5.43E-04
357.83	6368.38	Residential	6.05E-10	5.07E+00	3.14E+00	2.26E+00	4.51E-04	4.49E-04	4.84E-04	4.49E-04	4.84E-04	3.12E-05	4.51E-04	5.92E-04	4.84E-04	5.92E-04	4.51E-04	4.55E-04	4.50E-04	4.53E-04
357.75	6368.34	Residential	5.46E-10	4.57E+00	2.83E+00	2.04E+00	3.73E-04	3.72E-04	4.00E-04	3.72E-04	4.00E-04	2.47E-05	3.73E-04	4.85E-04	4.00E-04	4.85E-04	3.74E-04	3.77E-04	3.73E-04	3.75E-04
357.65	6368.34	Residential	5.37E-10	4.50E+00	2.76E+00	2.02E+00	3.48E-04	3.46E-04	3.71E-04	3.46E-04	3.71E-04	2.23E-05	3.48E-04	4.48E-04	3.71E-04	4.48E-04	3.48E-04	3.51E-04	3.47E-04	3.49E-04
357.58	6368.28	Residential	5.14E-10	4.30E+00	2.60E+00	1.93E+00	3.14E-04	3.13E-04	3.35E-04	3.13E-04	3.35E-04	1.94E-05	3.14E-04	4.02E-04	3.35E-04	4.02E-04	3.14E-04	3.17E-04	3.14E-04	3.15E-04
357.51	6368.25	Residential	5.05E-10	4.23E+00	2.53E+00	1.89E+00	2.99E-04	2.98E-04	3.19E-04	2.98E-04	3.19E-04	1.81E-05	2.99E-04	3.81E-04	3.19E-04	3.81E-04	3.00E-04	3.02E-04	2.99E-04	3.00E-04
357.44	6368.22	Residential	5.02E-10	4.21E+00	2.51E+00	1.89E+00	2.91E-04	2.90E-04	3.09E-04	2.90E-04	3.09E-04	1.73E-05	2.91E-04	3.69E-04	3.09E-04	3.69E-04	2.91E-04	2.93E-04	2.91E-04	2.92E-04
357.39	6368.20	Residential	4.93E-10	4.14E+00	2.47E+00	1.87E+00	2.82E-04	2.81E-04	3.00E-04	2.81E-04	3.00E-04	1.68E-05	2.82E-04	3.58E-04	3.00E-04	3.58E-04	2.82E-04	2.84E-04	2.82E-04	2.83E-04
357.31	6368.18	Residential	4.91E-10	4.13E+00	2.47E+00	1.87E+00	2.76E-04	2.75E-04	2.94E-04	2.75E-04	2.94E-04	1.65E-05	2.76E-04	3.51E-04	2.94E-04	3.51E-04	2.77E-04	2.79E-04	2.76E-04	2.77E-04
357.25	6368.14	Residential	4.89E-10	4.10E+00	2.44E+00	1.84E+00	2.68E-04	2.67E-04	2.85E-04	2.67E-04	2.85E-04	1.58E-05	2.68E-04	3.39E-04	2.85E-04	3.39E-04	2.68E-04	2.70E-04	2.68E-04	2.69E-04
357.20	6368.11	Residential	4.97E-10	4.16E+00	2.46E+00	1.86E+00	2.64E-04	2.63E-04	2.81E-04	2.63E-04	2.81E-04	1.54E-05	2.64E-04	3.34E-04	2.81E-04	3.34E-04	2.64E-04	2.66E-04	2.64E-04	2.65E-04
357.12	6368.08	Residential	5.08E-10	4.25E+00	2.49E+00	1.89E+00	2.60E-04	2.59E-04	2.76E-04	2.59E-04	2.76E-04	1.51E-05	2.60E-04	3.28E-04	2.76E-04	3.28E-04	2.60E-04	2.62E-04	2.60E-04	2.61E-04
357.04	6368.06	Residential	5.11E-10	4.27E+00	2.51E+00	1.91E+00	2.53E-04	2.52E-04	2.69E-04	2.52E-04	2.69E-04	1.47E-05	2.53E-04	3.20E-04	2.69E-04	3.20E-04	2.53E-04	2.55E-04	2.53E-04	2.54E-04
356.93	6367.99	Residential	5.08E-10	4.24E+00	2.48E+00	1.89E+00	2.37E-04	2.36E-04	2.51E-04	2.36E-04	2.51E-04	1.36E-05	2.37E-04	2.98E-04	2.51E-04	2.98E-04	2.37E-04	2.39E-04	2.36E-04	2.38E-04
356.83	6367.96	Residential	5.21E-10	4.35E+00	2.52E+00	1.93E+00	2.32E-04	2.31E-04	2.46E-04	2.31E-04	2.46E-04	1.30E-05	2.32E-04	2.91E-04	2.46E-04	2.91E-04	2.32E-04	2.34E-04	2.32E-04	2.33E-04
356.76	6367.92	Residential	5.41E-10	4.51E+00	2.61E+00	2.00E+00	2.29E-04	2.28E-04	2.43E-04	2.29E-04	2.43E-04	1.27E-05	2.29E-04	2.87E-04	2.43E-04	2.87E-04	2.30E-04	2.31E-04	2.29E-04	2.30E-04
356.97	6368.34	Residential	5.74E-10	4.83E+00	2.89E+00	2.19E+00	3.23E-04	3.22E-04	3.44E-04	3.22E-04	3.44E-04	1.94E-05	3.24E-04	4.11E-04	3.44E-04	4.11E-04	3.24E-04	3.26E-04	3.23E-04	3.25E-04
356.88	6368.29	Residential	5.71E-10	4.80E+00	2.86E+00	2.18E+00	3.13E-04	3.11E-04	3.32E-04	3.12E-04	3.32E-04	1.84E-05	3.13E-04	3.96E-04	3.32E-04	3.96E-04	3.13E-04	3.15E-04	3.12E-04	3.14E-04
356.80	6368.27	Residential	5.81E-10	4.89E+00	2.92E+00	2.22E+00	3.20E-04	3.19E-04	3.40E-04	3.19E-04	3.40E-04	1.86E-05	3.20E-04	4.04E-04	3.40E-04	4.04E-04	3.20E-04	3.23E-04	3.20E-04	3.21E-04
356.72	6368.25	Residential	5.93E-10	4.98E+00	2.97E+00	2.25E+00	3.29E-04	3.28E-04	3.49E-04	3.28E-04	3.49E-04	1.88E-05	3.30E-04	4.14E-04	3.49E-04	4.14E-04	3.30E-04	3.32E-04	3.29E-04	3.31E-04
356.66	6368.23	Residential	6.06E-10	5.08E+00	3.00E+00	2.28E+00	3.35E-04	3.34E-04	3.56E-04	3.34E-04	3.56E-04	1.89E-05	3.36E-04	4.21E-04	3.56E-04	4.21E-04	3.36E-04	3.38E-04	3.35E-04	3.37E-04
356.62	6368.37	Residential	6.72E-10	5.64E+00	3.32E+00	2.55E+00	4.26E-04	4.24E-04	4.51E-04	4.24E-04	4.51E-04	2.38E-05	4.26E-04	5.33E-04	4.51E-04	5.33E-04	4.26E-04	4.29E-04	4.25E-04	4.27E-04
356.69	6368.37	Residential	6.52E-10	5.48E+00	3.24E+00	2.49E+00	4.03E-04	4.01E-04	4.27E-04	4.01E-04	4.27E-04	2.26E-05	4.03E-04	5.05E-04	4.27E-04	5.05E-04	4.03E-04	4.05E-04	4.02E-04	4.04E-04
356.73	6368.41	Residential	6.55E-10	5.52E+00	3.29E+00	2.52E+00	4.08E-04	4.07E-04	4.33E-04	4.07E-04	4.33E-04	2.32E-05	4.09E-04	5.13E-04	4.33E-04	5.13E-04	4.09E-04	4.12E-04	4.08E-04	4.10E-04
356.81	6368.45	Residential	6.42E-10	5.43E+00	3.29E+00	2.50E+00	3.99E-04	3.98E-04	4.24E-04	3.98E-04	4.24E-04	2.32E-05	3.99E-04	5.04E-04	4.24E-04	5.04E-04	4.00E-04	4.02E-04	3.99E-04	4.01E-04
356.87	6368.50	Residential	6.42E-10	5.45E+00	3.34E+00	2.53E+00	3.97E-04	3.95E-04	4.22E-04	3.96E-04	4.22E-04	2.37E-05	3.97E-04	5.04E-04	4.22E-04	5.04E-04	3.97E-04	4.00E-04	3.96E-04	3.98E-04
357.47	6368.79	Residential	7.23E-10	6.20E+00	4.24E+00	2.92E+00	3.87E-04	3.84E-04	4.19E-04	3.85E-04	4.19E-04	3.02E-05	3.87E-04	5.23E-04	4.19E-04	5.23E-04	3.87E-04	3.91E-04	3.86E-04	3.89E-04
357.09	6370.00	Residential	8.17E-10	6.96E+00	4.58E+00	3.22E+00	3.63E-04	3.61E-04	3.92E-04	3.62E-04	3.92E-04	2.68E-05	3.63E-04	4.84E-04	3.92E-04	4.84E-04	3.64E-04	3.67E-04	3.63E-04	3.65E-04
357.74	6369.96	Residential	4.64E-10	3.97E+00	2.68E+00	1.85E+00	1.82E-04	1.81E-04	1.98E-04	1.81E-04	1.98E-04	1.49E-05	1.82E-04	2.50E-04	1.98E-04	2.50E-04	1.83E-04	1.84E-04	1.82E-04	1.83E-04
358.09	6370.20	Residential	4.60E-10	3.88E+00	2.39E+00	1.76E+00	1.87E-04	1.86E-04	2.00E-04	1.86E-04	2.00E-04	1.25E-05	1.87E-04	2.43E-04	2.00E-04	2.43E-04	1.87E-04	1.88E-04	1.86E-04	1.88E-04
358.16	6370.19	Residential	4.63E-10	3.90E+00	2.43E+00	1.77E+00	1.90E-04	1.89E-04	2.03E-04	1.89E-04	2.03E-04	1.29E-05	1.90E-04	2.48E-04	2.03E-04	2.48E-04	1.90E-04	1.91E-04	1.89E-04	1.91E-04
358.21	6370.07	Residential	5.04E-10	4.24E+00	2.69E+00	1.90E+00	2.13E-04	2.12E-04	2.29E-04	2.12E-04	2.29E-04	1.48E-05	2.13E-04	2.80E-04	2.29E-04	2.80E-04	2.13E-04	2.15E-04	2.13E-04	2.14E-04
358.31	6370.02	Residential	5.37E-10	4.52E+00	2.81E+00	2.05E+00	2.33E-04	2.32E-04	2.49E-04	2.32E-04	2.49E-04	1.56E-05	2.33E-04	3.03E-04	2.49E-04	3.03E-04	2.33E-04	2.35E-04	2.33E-04	2.34E-04
358.40	6369.96	Residential	5.62E-10	4.73E+00	2.94E+00	2.13E+00	2.44E-04	2.43E-04	2.61E-04	2.43E-04	2.61E-04	1.62E-05	2.44E-04	3.17E-04	2.61E-04	3.17E-04	2.44E-04	2.46E-04	2.43E-04	2.45E-04
356.49	6369.54	Residential	1.09E-09	9.22E+00	6.14E+00	4.14E+00	4.46E-04	4.43E-04	4.81E-04	4.44E-04	4.81E-04	3.34E-05	4.46E-04	5.96E-04	4.81E-04	5.96E-04	4.46E-04	4.50E-04	4.45E-04	4.48E-04
356.57	6369.48	Residential	1.15E-09	9.72E+00	6.54E+00	4.39E+00	4.67E-04	4.65E-04	5.05E-04	4.65E-04	5.05E-04	3.57E-05	4.67E-04	6.28E-04	5.05E-04	6.28E-04	4.68E-04	4.72E-04	4.66E-04	4.70E-04
356.38	6369.87	Residential	9.28E-10	7.84E+00	5.25E+00	3.55E+00	3.92E-04	3.90E-04	4.25E-04	3.91E-04	4.25E-04	3.06E-05	3.92E-04	5.31E-04	4.25E-04	5.31E-04	3.93E-04	3.96E-04	3.92E-04	3.94E-04
356.34	6369.76	Residential	9.51E-10	8.01E+00	5.26E+00	3.60E+00	3.96E-04	3.94E-04	4.27E-04	3.94E-04	4.27E-04	2.92E-05	3.96E-04	5.28E-04	4.27E-04	5.28E-04	3.96E-04	4.00E-04	3.95E-04	3.98E-04
356.37	6369.62	Residential	1.04E-09	8.78E+00	5.75E+00	3.92E+00	4.30E-04	4.28E-04	4.63E-04	4.28E-04	4.63E-04	3.12E-05	4.30E-04	5.71E-04	4.63E-04	5.71E-04	4.30E-04	4.34E-04	4.29E-04	4.32E-04
356.39	6369.53	Residential	1.12E-09	9.40E+00	6.17E+00	4.19E+00	4.59E-04	4.57E-04	4.95E-04	4.57E-04	4.95E-04	3.33E-05	4.59E-04	6.10E-04	4.95E-04	6.10E-04	4.60E-04	4.64E-04	4.59E-04	4.61E-04
356.40	6369.46	Residential	1.18E-09	9.91E+00	6.54E+00	4.41E+00	4.87E-04	4.85E-04	5.25E-04	4.85E-04	5.25E-04	3.54E-05	4.87E-04	6.47E-04	5.25E-04	6.47E-04	4.88E-04	4.92E-04	4.86E-04	4.89E-04
356.37	6369.29	Residential	1.15E-09	9.73E+00	6.57E+00	4.39E+00	4.86E-04	4.83E-04	5.26E-04	4.84E-04	5.26E-04	3.73E-05	4.86E-04	6.55E-04	5.26E-04	6.55E-04	4.87E-04	4.91E-04	4.85E-04	4.88E-04
356.37	6369.24	Residential	1.09E-09	9.23E+00	6.22E+00	4.19E+00	4.61E-04	4.58E-04	4.98E-04	4.58E-04	4.98E-04	3.56E-05	4.61E-04	6.21E-04	4.98E-04	6.21E-04	4.61E-04	4.65E-04	4.60E-04	4.63E-04
356.36	6369.18	Residential	1.01E-09	8.60E+00	5.79E+00	3.93E+00	4.30E-04	4.27E-04	4.65E-04	4.28E-04	4.65E-04	3.34E-05	4.30E-04	5.80E-04	4.65E-04	5.80E-04	4.30E-04	4.34E-04	4.29E-04	4.32E-04
356.35	6369.14	Residential	9.83E-10	8.34E+00	5.62E+00	3.81E+00	4.18E-04	4.16E-04	4.52E-04	4.16E-04	4.52E-04	3.26E-05	4.18E-04	5.65E-04	4.52E-04	5.65E-04	4.18E-04	4.22E-04	4.17E-04	4.20E-04
356.35	6369.08	Residential	9.47E-10	8.04E+00	5.43E+00	3.69E+00	4.06E-04	4.04E-04	4.40E-04	4.05E-04	4.40E-04	3.18E-05	4.06E-04	5.50E-04	4.40E-04	5.50E-04	4.07E-04	4.11E-04	4.06E-04	4.08E-04
356.34	6369.03	Residential	9.14E-10	7.76E+00	5.23E+00	3.56E+00	3.99E-04	3.97E-04	4.32E-04	3.97E-04	4.32E-04	3.10E-05	3.99E-04	5.39E-04	4.32E-04	5.39E-04	3.99E-04	4.03E-04	3.98E-04	4.01E-04
356.33	6368.99	Residential	8.89E-10	7.55E+00	5.08E+00	3.47E+00	4.00E-04	3.98E-04	4.32E-04	3.98E-04	4.32E-04	3.06E-05	4.00E-04	5.38E-04	4.32E-04	5.38E-04	4.00E-04	4.04E-04	3.99E-04	4.02E-04
356.32	6368.94	Residential	8.66E-10	7.35E+00	4.91E+00	3.37E+00	4.06E-04	4.04E-04	4.39E-04	4.05E-04	4.39E-04	3.05E-05	4.06E-04	5.44E-04	4.39E-04	5.44E-04	4.07E-04	4.10E-04	4.06E-04	4.08E-04
356.31	6368.89	Residential	8.34E-10	7.07E+00	4.68E+00	3.23E+00	4.22E-04	4.20E-04	4.55E-04	4.20E-04	4.55E-04	3.08E-05	4.22E-04	5.61E-04	4.55E-04	5.61E-04	4.22E-04	4.26E-04	4.21E-04	4.24E-04
356.30	6368.84	Residential	8.02E-10	6.80E+00	4.46E+00	3.11E+00	4.45E-04	4.43E-04	4.79E-04	4.43E-04	4.79E-04	3.19E-05	4.45E-04	5.89E-04	4.79E-04	5.89E-04	4.45E-04	4.49E-04	4.44E-04	4.47E-04
356.29	6368.79	Residential	7.75E-10	6.58E+00	4.25E+00	3.03E+00	4.79E-04	4.77E-04	5.15E-04	4.77E-04	5.15E-04	3.40E-05	4.79E-04	6.32E-04	5.15E-04	6.32E-04	4.79E-04	4.83E-04	4.78E-04	4.81E-04
356.28	6368.74	Residential	7.57E-10	6.45E+00	4.10E+00	3.01E+00	5.19E-04	5.16E-04	5.58E-04	5.17E-04	5.58E-04	3.62E-05	5.19E-04	6.83E-04	5.58E-04	6.83E-04	5.19E-04	5.24E-04	5.18E-04	5.21E-04
356.27	6368.71	Residential	7.52E-10	6.43E+00	4.04E+00	3.03E+00	5.44E-04	5.41E-04	5.84E-04	5.42E-04	5.84E-04	3.75E-05	5.44E-04	7.13E-04	5.84E-04	7.13E-04	5.44E-04	5.49E-04	5.43E-04	5.46E-04
356.27	6368.64	Residential	7.34E-10	6.28E+00	3.87E+00	2.98E+00	5.69E-04	5.66E-04	6.10E-04	5.67E-04	6.10E-04	3.85E-05	5.69E-04	7.43E-04	6.10E-04	7.43E-04	5.70E-04	5.74E-04	5.68E-04	5.71E-04
356.26	6368.59	Residential	7.16E-10	6.11E+00	3.74E+00	2.88E+00	5.63E-04	5.60E-04	6.03E-04	5.61E-04	6.03E-04	3.76E-05	5.63E-04	7.32E-04	6.03E-04	7.32E-04	5.63E-04	5.68E-04	5.62E-04	5.65E-04
356.25	6368.56	Residential	7.05E-10	6.01E+00	3.67E+00	2.82E+00	5.51E-04	5.49E-04	5.90E-04	5.49E-04	5.90E-04	3.66E-05	5.52E-04	7.16E-04	5.90E-04	7.16E-04	5.52E-04	5.56E-04	5.51E-04	5.54E-04
356.25	6368.48	Residential	6.78E-10	5.73E+00	3.49E+00	2.63E+00	5.08E-04	5.06E-04	5.43E-04	5.06E-04	5.43E-04	3.28E-05	5.08E-04	6.56E-04	5.43E-04	6.56E-04	5.08E-04	5.12E-04	5.07E-04	5.10E-04
356.24	6368.43	Residential	6.66E-10	5.61E+00	3.41E+00	2.55E+00	4.77E-04	4.75E-04	5.10E-04	4.76E-04	5.10E-04	3.03E-05	4.77E-04	6.14E-04	5.10E-04	6.14E-04	4.78E-04	4.81E-04	4.77E-04	4.79E-04
356.23	6368.38	Residential	6.59E-10	5.53E+00	3.35E+00	2.50E+00	4.51E-04	4.49E-04	4.81E-04	4.49E-04	4.81E-04	2.82E-05	4.51E-04	5.78E-04	4.81E-04	5.78E-04	4.51E-04	4.55E-04	4.50E-04	4.53E-04
356.22	6368.33	Residential	6.59E-10	5.52E+00	3.34E+00	2.48E+00	4.25E-04	4.23E-04	4.53E-04	4.23E-04	4.53E-04	2.63E-05	4.25E-04	5.43E-04	4.53E-04	5.43E-04	4.25E-04	4.28E-04	4.24E-04	4.26E-04
356.21	6368.28	Residential	6.65E-10	5.57E+00	3.37E+00	2.49E+00	4.06E-04	4.04E-04	4.32E-04	4.04E-04	4.32E-04	2.49E-05	4.06E-04	5.18E-04	4.32E-04	5.18E-04	4.06E-04	4.09E-04	4.05E-04	4.07E-04
356.21	6368.23	Residential	6.71E-10	5.61E+00	3.39E+00	2.50E+00	3.87E-04	3.85E-04	4.12E-04	3.85E-04	4.12E-04	2.35E-05	3.87E-04	4.93E-04	4.12E-04	4.93E-04	3.87E-04	3.90E-04	3.86E-04	3.88E-04
356.19	6368.18	Residential	6.78E-10	5.66E+00	3.40E+00	2.51E+00	3.66E-04	3.65E-04	3.90E-04	3.65E-04	3.90E-04	2.20E-05	3.66E-04	4.65E-04	3.90E-04	4.65E-04	3.66E-04	3.69E-04	3.66E-04	3.67E-04

355.95	6368.11	Residential	7.01E-10	5.83E+00	3.46E+00	2.56E+00	3.44E-04	3.43E-04	3.66E-04	3.43E-04	3.66E-04	2.04E-05	3.44E-04	4.36E-04	3.66E-04	4.36E-04	3.44E-04	3.47E-04	3.44E-04	3.45E-04
355.96	6368.17	Residential	6.93E-10	5.78E+00	3.44E+00	2.55E+00	3.70E-04	3.69E-04	3.94E-04	3.69E-04	3.94E-04	2.21E-05	3.70E-04	4.70E-04	3.94E-04	4.70E-04	3.70E-04	3.73E-04	3.70E-04	3.72E-04
355.98	6368.23	Residential	6.91E-10	5.77E+00	3.44E+00	2.56E+00	3.94E-04	3.92E-04	4.19E-04	3.92E-04	4.19E-04	2.36E-05	3.94E-04	5.00E-04	4.19E-04	5.00E-04	3.94E-04	3.97E-04	3.93E-04	3.95E-04
355.99	6368.27	Residential	6.87E-10	5.74E+00	3.44E+00	2.56E+00	4.11E-04	4.10E-04	4.38E-04	4.10E-04	4.38E-04	2.49E-05	4.11E-04	5.24E-04	4.38E-04	5.24E-04	4.12E-04	4.15E-04	4.11E-04	4.13E-04
356.00	6368.34	Residential	6.81E-10	5.72E+00	3.44E+00	2.58E+00	4.41E-04	4.39E-04	4.70E-04	4.40E-04	4.70E-04	2.72E-05	4.41E-04	5.64E-04	4.70E-04	5.64E-04	4.42E-04	4.45E-04	4.41E-04	4.43E-04
356.01	6368.38	Residential	6.82E-10	5.74E+00	3.46E+00	2.61E+00	4.59E-04	4.57E-04	4.89E-04	4.57E-04	4.89E-04	2.85E-05	4.59E-04	5.87E-04	4.89E-04	5.87E-04	4.59E-04	4.62E-04	4.58E-04	4.60E-04
356.01	6368.42	Residential	6.86E-10	5.80E+00	3.50E+00	2.66E+00	4.81E-04	4.79E-04	5.13E-04	4.79E-04	5.13E-04	3.02E-05	4.81E-04	6.17E-04	5.13E-04	6.17E-04	4.81E-04	4.85E-04	4.80E-04	4.83E-04
356.02	6368.46	Residential	6.92E-10	5.87E+00	3.55E+00	2.73E+00	5.05E-04	5.02E-04	5.39E-04	5.03E-04	5.39E-04	3.20E-05	5.05E-04	6.49E-04	5.39E-04	6.49E-04	5.05E-04	5.09E-04	5.04E-04	5.07E-04
356.02	6368.52	Residential	7.01E-10	5.97E+00	3.62E+00	2.80E+00	5.31E-04	5.29E-04	5.67E-04	5.29E-04	5.67E-04	3.41E-05	5.31E-04	6.85E-04	5.67E-04	6.85E-04	5.32E-04	5.36E-04	5.30E-04	5.33E-04
356.04	6368.58	Residential	7.11E-10	6.07E+00	3.70E+00	2.86E+00	5.51E-04	5.48E-04	5.89E-04	5.49E-04	5.89E-04	3.58E-05	5.51E-04	7.12E-04	5.89E-04	7.12E-04	5.51E-04	5.56E-04	5.50E-04	5.53E-04
356.05	6368.63	Residential	7.18E-10	6.13E+00	3.78E+00	2.90E+00	5.54E-04	5.52E-04	5.93E-04	5.52E-04	5.93E-04	3.66E-05	5.54E-04	7.20E-04	5.93E-04	7.20E-04	5.55E-04	5.59E-04	5.53E-04	5.57E-04
356.06	6368.68	Residential	7.24E-10	6.18E+00	3.86E+00	2.90E+00	5.43E-04	5.40E-04	5.82E-04	5.41E-04	5.82E-04	3.67E-05	5.43E-04	7.08E-04	5.82E-04	7.08E-04	5.43E-04	5.48E-04	5.42E-04	5.45E-04
356.06	6368.73	Residential	7.29E-10	6.21E+00	3.94E+00	2.90E+00	5.17E-04	5.15E-04	5.55E-04	5.15E-04	5.55E-04	3.57E-05	5.17E-04	6.78E-04	5.55E-04	6.78E-04	5.18E-04	5.22E-04	5.16E-04	5.19E-04
356.07	6368.77	Residential	7.44E-10	6.31E+00	4.07E+00	2.92E+00	4.85E-04	4.82E-04	5.21E-04	4.83E-04	5.21E-04	3.41E-05	4.85E-04	6.39E-04	5.21E-04	6.39E-04	4.85E-04	4.89E-04	4.84E-04	4.87E-04
356.08	6368.83	Residential	7.69E-10	6.51E+00	4.25E+00	2.97E+00	4.48E-04	4.45E-04	4.82E-04	4.46E-04	4.82E-04	3.19E-05	4.48E-04	5.92E-04	4.82E-04	5.92E-04	4.48E-04	4.52E-04	4.47E-04	4.50E-04
356.09	6368.88	Residential	7.95E-10	6.71E+00	4.42E+00	3.05E+00	4.20E-04	4.18E-04	4.53E-04	4.19E-04	4.53E-04	3.03E-05	4.20E-04	5.57E-04	4.53E-04	5.57E-04	4.21E-04	4.24E-04	4.20E-04	4.22E-04
356.10	6368.92	Residential	8.18E-10	6.91E+00	4.56E+00	3.13E+00	4.04E-04	4.02E-04	4.35E-04	4.02E-04	4.35E-04	2.94E-05	4.04E-04	5.36E-04	4.35E-04	5.36E-04	4.04E-04	4.08E-04	4.03E-04	4.06E-04
356.11	6368.98	Residential	8.46E-10	7.15E+00	4.72E+00	3.25E+00	3.91E-04	3.89E-04	4.22E-04	3.89E-04	4.22E-04	2.88E-05	3.91E-04	5.21E-04	4.22E-04	5.21E-04	3.91E-04	3.95E-04	3.90E-04	3.93E-04
356.12	6369.02	Residential	8.65E-10	7.31E+00	4.83E+00	3.32E+00	3.89E-04	3.87E-04	4.19E-04	3.87E-04	4.19E-04	2.87E-05	3.89E-04	5.18E-04	4.19E-04	5.18E-04	3.89E-04	3.92E-04	3.88E-04	3.90E-04
356.13	6369.08	Residential	8.89E-10	7.50E+00	4.95E+00	3.40E+00	3.89E-04	3.87E-04	4.19E-04	3.87E-04	4.19E-04	2.88E-05	3.89E-04	5.19E-04	4.19E-04	5.19E-04	3.89E-04	3.92E-04	3.88E-04	3.91E-04
356.13	6369.13	Residential	9.15E-10	7.71E+00	5.09E+00	3.48E+00	3.95E-04	3.93E-04	4.26E-04	3.93E-04	4.26E-04	2.92E-05	3.95E-04	5.27E-04	4.26E-04	5.27E-04	3.95E-04	3.99E-04	3.94E-04	3.97E-04
356.14	6369.18	Residential	9.39E-10	7.91E+00	5.22E+00	3.56E+00	4.02E-04	4.00E-04	4.33E-04	4.00E-04	4.33E-04	2.96E-05	4.02E-04	5.36E-04	4.33E-04	5.36E-04	4.02E-04	4.06E-04	4.01E-04	4.04E-04
356.15	6369.22	Residential	9.77E-10	8.22E+00	5.43E+00	3.69E+00	4.16E-04	4.14E-04	4.49E-04	4.14E-04	4.49E-04	3.07E-05	4.16E-04	5.55E-04	4.49E-04	5.55E-04	4.17E-04	4.20E-04	4.15E-04	4.18E-04
356.16	6369.29	Residential	1.05E-09	8.83E+00	5.87E+00	3.95E+00	4.46E-04	4.44E-04	4.81E-04	4.44E-04	4.81E-04	3.29E-05	4.47E-04	5.95E-04	4.81E-04	5.95E-04	4.47E-04	4.51E-04	4.46E-04	4.49E-04
356.27	6369.54	Residential	1.09E-09	9.13E+00	6.00E+00	4.06E+00	4.50E-04	4.47E-04	4.84E-04	4.48E-04	4.84E-04	3.25E-05	4.50E-04	5.96E-04	4.84E-04	5.96E-04	4.50E-04	4.54E-04	4.49E-04	4.52E-04
356.50	6368.55	Grid Location	6.95E-10	5.89E+00	3.70E+00	2.72E+00	5.28E-04	5.26E-04	5.66E-04	5.26E-04	5.66E-04	3.48E-05	5.29E-04	6.86E-04	5.66E-04	6.86E-04	5.29E-04	5.33E-04	5.28E-04	5.31E-04
356.55	6368.55	Grid Location	7.11E-10	6.03E+00	3.77E+00	2.78E+00	5.31E-04	5.28E-04	5.67E-04	5.29E-04	5.67E-04	3.41E-05	5.31E-04	6.85E-04	5.67E-04	6.85E-04	5.31E-04	5.35E-04	5.30E-04	5.33E-04
356.60	6368.55	Grid Location	7.32E-10	6.20E+00	3.82E+00	2.85E+00	5.33E-04	5.31E-04	5.68E-04	5.31E-04	5.68E-04	3.28E-05	5.33E-04	6.81E-04	5.68E-04	6.81E-04	5.33E-04	5.37E-04	5.32E-04	5.35E-04
356.65	6368.55	Grid Location	7.45E-10	6.30E+00	3.81E+00	2.90E+00	5.27E-04	5.25E-04	5.60E-04	5.25E-04	5.60E-04	3.08E-05	5.27E-04	6.66E-04	5.60E-04	6.66E-04	5.27E-04	5.31E-04	5.26E-04	5.29E-04
356.70	6368.55	Grid Location	7.42E-10	6.27E+00	3.73E+00	2.89E+00	5.09E-04	5.07E-04	5.40E-04	5.07E-04	5.40E-04	2.88E-05	5.09E-04	6.39E-04	5.40E-04	6.39E-04	5.10E-04	5.13E-04	5.09E-04	5.11E-04
356.75	6368.55	Grid Location	7.24E-10	6.13E+00	3.64E+00	2.83E+00	4.82E-04	4.81E-04	5.11E-04	4.81E-04	5.11E-04	2.72E-05	4.83E-04	6.05E-04	5.11E-04	6.05E-04	4.83E-04	4.86E-04	4.82E-04	4.84E-04
356.80	6368.55	Grid Location	6.97E-10	5.91E+00	3.56E+00	2.74E+00	4.52E-04	4.51E-04	4.80E-04	4.51E-04	4.80E-04	2.60E-05	4.52E-04	5.70E-04	4.80E-04	5.70E-04	4.53E-04	4.56E-04	4.52E-04	4.54E-04
356.85	6368.55	Grid Location	6.75E-10	5.73E+00	3.50E+00	2.66E+00	4.27E-04	4.25E-04	4.54E-04	4.26E-04	4.54E-04	2.52E-05	4.27E-04	5.41E-04	4.54E-04	5.41E-04	4.27E-04	4.30E-04	4.27E-04	4.29E-04
356.90	6368.55	Grid Location	6.59E-10	5.61E+00	3.46E+00	2.61E+00	4.08E-04	4.06E-04	4.34E-04	4.06E-04	4.34E-04	2.47E-05	4.08E-04	5.19E-04	4.34E-04	5.19E-04	4.08E-04	4.11E-04	4.07E-04	4.09E-04
356.95	6368.55	Grid Location	6.54E-10	5.56E+00	3.45E+00	2.59E+00	3.95E-04	3.93E-04	4.21E-04	3.93E-04	4.21E-04	2.44E-05	3.95E-04	5.05E-04	4.21E-04	5.05E-04	3.95E-04	3.98E-04	3.94E-04	3.96E-04
357.00	6368.55	Grid Location	6.51E-10	5.52E+00	3.43E+00	2.55E+00	3.87E-04	3.85E-04	4.13E-04	3.85E-04	4.13E-04	2.43E-05	3.87E-04	4.96E-04	4.13E-04	4.96E-04	3.87E-04	3.90E-04	3.86E-04	3.88E-04
357.05	6368.55	Grid Location	6.51E-10	5.51E+00	3.43E+00	2.52E+00	3.83E-04	3.82E-04	4.09E-04	3.82E-04	4.09E-04	2.43E-05	3.84E-04	4.93E-04	4.09E-04	4.93E-04	3.84E-04	3.87E-04	3.83E-04	3.85E-04
357.10	6368.55	Grid Location	6.51E-10	5.49E+00	3.43E+00	2.50E+00	3.83E-04	3.81E-04	4.08E-04	3.81E-04	4.08E-04	2.43E-05	3.83E-04	4.92E-04	4.08E-04	4.92E-04	3.83E-04	3.86E-04	3.82E-04	3.84E-04
357.15	6368.55	Grid Location	6.50E-10	5.48E+00	3.42E+00	2.49E+00	3.83E-04	3.81E-04	4.09E-04	3.81E-04	4.09E-04	2.43E-05	3.83E-04	4.92E-04	4.09E-04	4.92E-04	3.83E-04	3.86E-04	3.82E-04	3.84E-04
357.20	6368.55	Grid Location	6.50E-10	5.49E+00	3.40E+00	2.49E+00	3.84E-04	3.82E-04	4.10E-04	3.83E-04	4.10E-04	2.42E-05	3.84E-04	4.93E-04	4.10E-04	4.93E-04	3.84E-04	3.87E-04	3.84E-04	3.86E-04
357.25	6368.55	Grid Location	6.46E-10	5.45E+00	3.37E+00	2.48E+00	3.84E-04	3.82E-04	4.10E-04	3.83E-04	4.10E-04	2.41E-05	3.84E-04	4.93E-04	4.10E-04	4.93E-04	3.84E-04	3.87E-04	3.83E-04	3.86E-04
357.30	6368.55	Grid Location	6.39E-10	5.40E+00	3.34E+00	2.46E+00	3.83E-04	3.82E-04	4.09E-04	3.82E-04	4.09E-04	2.41E-05	3.83E-04	4.92E-04	4.09E-04	4.92E-04	3.84E-04	3.87E-04	3.83E-04	3.85E-04
357.35	6368.55	Grid Location	6.32E-10	5.34E+00	3.31E+00	2.44E+00	3.83E-04	3.81E-04	4.09E-04	3.82E-04	4.09E-04	2.42E-05	3.83E-04	4.92E-04	4.09E-04	4.92E-04	3.83E-04	3.86E-04	3.83E-04	3.85E-04
357.40	6368.55	Grid Location	6.27E-10	5.29E+00	3.28E+00	2.41E+00	3.84E-04	3.82E-04	4.10E-04	3.83E-04	4.10E-04	2.45E-05	3.84E-04	4.95E-04	4.10E-04	4.95E-04	3.84E-04	3.87E-04	3.84E-04	3.86E-04
357.45	6368.55	Grid Location	6.22E-10	5.25E+00	3.27E+00	2.38E+00	3.88E-04	3.86E-04	4.15E-04	3.86E-04	4.15E-04	2.53E-05	3.88E-04	5.02E-04	4.15E-04	5.02E-04	3.88E-04	3.91E-04	3.87E-04	3.89E-04
357.50	6368.55	Grid Location	6.21E-10	5.24E+00	3.29E+00	2.38E+00	3.96E-04	3.94E-04	4.25E-04	3.95E-04	4.25E-04	2.65E-05	3.96E-04	5.16E-04	4.25E-04	5.16E-04	3.97E-04	4.00E-04	3.96E-04	3.98E-04
357.55	6368.55	Grid Location	6.24E-10	5.27E+00	3.33E+00	2.40E+00	4.13E-04	4.11E-04	4.43E-04	4.11E-04	4.43E-04	2.82E-05	4.13E-04	5.40E-04	4.43E-04	5.40E-04	4.13E-04	4.16E-04	4.12E-04	4.15E-04
357.60	6368.55	Grid Location	6.35E-10	5.36E+00	3.41E+00	2.44E+00	4.38E-04	4.36E-04	4.70E-04	4.36E-04	4.70E-04	3.05E-05	4.38E-04	5.76E-04	4.70E-04	5.76E-04	4.38E-04	4.42E-04	4.37E-04	4.40E-04
357.65	6368.55	Grid Location	6.48E-10	5.47E+00	3.50E+00	2.49E+00	4.71E-04	4.69E-04	5.07E-04	4.70E-04	5.07E-04	3.37E-05	4.72E-04	6.24E-04	5.07E-04	6.24E-04	4.72E-04	4.76E-04	4.71E-04	4.74E-04
357.70	6368.55	Grid Location	6.69E-10	5.65E+00	3.63E+00	2.57E+00	5.16E-04	5.13E-04	5.56E-04	5.13E-04	5.56E-04	3.81E-05	5.16E-04	6.87E-04	5.56E-04	6.87E-04	5.16E-04	5.21E-04	5.15E-04	5.18E-04
357.75	6368.55	Grid Location	7.06E-10	5.96E+00	3.83E+00	2.71E+00	5.78E-04	5.74E-04	6.24E-04	5.75E-04	6.24E-04	4.40E-05	5.78E-04	7.76E-04	6.24E-04	7.76E-04	5.78E-04	5.83E-04	5.77E-04	5.80E-04
357.80	6368.55	Grid Location	7.49E-10	6.32E+00	4.08E+00	2.87E+00	6.55E-04	6.52E-04	7.10E-04	6.52E-04	7.10E-04	5.13E-05	6.56E-04	8.87E-04	7.10E-04	8.87E-04	6.56E-04	6.62E-04	6.54E-04	6.59E-04
357.85	6368.55	Grid Location	8.04E-10	6.78E+00	4.41E+00	3.08E+00	7.54E-04	7.50E-04	8.17E-04	7.50E-04	8.17E-04	5.97E-05	7.54E-04	1.02E-03	8.17E-04	1.02E-03	7.55E-04	7.62E-04	7.52E-04	7.58E-04
357.90	6368.55	Grid Location	8.64E-10	7.28E+00	4.75E+00	3.29E+00	8.67E-04	8.62E-04	9.40E-04	8.63E-04	9.40E-04	6.86E-05	8.68E-04	1.18E-03	9.40E-04	1.18E-03	8.68E-04	8.76E-04	8.66E-04	8.72E-04
357.95	6368.55	Grid Location	9.26E-10	7.79E+00	5.10E+00	3.50E+00	9.88E-04	9.82E-04	1.07E-03	9.83E-04	1.07E-03	7.71E-05	9.88E-04	1.34E-03	1.07E-03	1.34E-03	9.89E-04	9.98E-04	9.86E-04	9.93E-04
358.00	6368.55	Grid Location	9.97E-10	8.38E+00	5.47E+00	3.75E+00	1.11E-03	1.11E-03	1.20E-03	1.11E-03	1.20E-03	8.53E-05	1.11E-03	1.50E-03	1.20E-03	1.50E-03	1.11E-03	1.12E-03	1.11E-03	1.12E-03
356.50	6368.60	Grid Location	7.08E-10	6.02E+00	3.80E+00	2.80E+00	5.43E-04	5.40E-04	5.82E-04	5.40E-04	5.82E-04	3.67E-05	5.43E-04	7.08E-04	5.82E-04	7.08E-04	5.43E-04	5.47E-04	5.42E-04	5.45E-04
356.55	6368.60	Grid Location	7.24E-10	6.15E+00	3.88E+00	2.85E+00	5.46E-04	5.43E-04	5.84E-04	5.44E-04	5.84E-04	3.60E-05	5.46E-04	7.08E-04	5.84E-04	7.08E-04	5.46E-04	5.50E-04	5.45E-04	5.48E-04
356.60	6368.60	Grid Location	7.42E-10	6.30E+00	3.94E+00	2.91E+00	5.46E-04	5.43E-04	5.82E-04	5.44E-04	5.82E-04	3.45E-05	5.46E-04	7.01E-04	5.82E-04	7.01E-04	5.46E-04	5.50E-04	5.45E-04	5.48E-04
356.65	6368.60	Grid Location	7.61E-10	6.45E+00	3.97E+00	2.98E+00	5.42E-04	5.40E-04	5.77E-04	5.40E-04	5.77E-04	3.26E-05	5.42E-04	6.89E-04	5.77E-04	6.89E-04	5.42E-04	5.46E-04	5.41E-04	5.44E-04
356.70	6368.60	Grid Location	7.65E-10	6.49E+00	3.92E+00	3.01E+00	5.26E-04	5.24E-04	5.59E-04	5.24E-04	5.59E-04	3.06E-05	5.26E-04	6.64E-04	5.59E-04	6.64E-04	5.27E-04	5.30E-04	5.26E-04	5.28E-04
356.75	6368.60	Grid Location	7.54E-10	6.40E+00	3.83E+00	2.97E+00	5.02E-04	4.99E-04	5.32E-04	5.00E-04	5.32E-04	2.89E-05	5.02E-04	6.32E-04	5.32E-04	6.32E-04	5.02E-04	5.05E-04	5.01E-04	5.03E-04
356.80	6368.60	Grid Location	7.33E-10	6.22E+00	3.74E+00	2.90E+00	4.75E-04	4.73E-04	5.05E-04	4.74E-04	5.05E-04	2.76E-05	4.75E-04	6.00E-04	5.05E-04	6.00E-04	4.76E-04	4.79E-04	4.75E-04	4.77E-04
356.85	6368.60	Grid Location	7.10E-10	6.03E+00	3.67E+00	2.81E+00	4.51E-04	4.49E-04	4.79E-04	4.50E-04	4.79E-04	2.66E-05	4.51E-04	5.71E-04	4.79E-04	5.71E-04	4.52E-04	4.55E-04	4.51E-04	4.53E-04
356.90	6368.60	Grid Location	6.92E-10	5.89E+00	3.63E+00	2.75E+00	4.30E-04	4.28E-04	4.58E-04	4.29E-04	4.58E-04	2.60E-05	4.30E-04	5.47E-04	4.58E-04	5.47E-04	4.30E-04	4.34E-04	4.30E-04	4.32E-04
356.95	6368.60	Grid Location	6.82E-10	5.81E+00	3.61E+00	2.71E+00	4.14E-04	4.12E-04	4.41E-04	4.12E-04	4.41E-04	2.55E-05	4.14E-04	5.29E-04	4.41E-04	5.29E-04	4.14E-04	4.17E-04	4.13E-04	4.16E-04
357.00	6368.60	Grid Location	6.78E-10	5.76E+00	3.60E+00	2.68E+00	4.02E-04	4.01E-04	4.29E-04	4.01E-04	4.29E-04	2.52E-05	4.02E-04	5.16E-04	4.29E-04	5.16E-04	4.03E-04	4.06E-04	4.02E-04	4.04E-04
357.05	6368.60	Grid Location	6.75E-10	5.72E+00	3.58E+00	2.63E+00	3.95E-04	3.93E-04	4.22E-04	3.94E-04	4.22E-04	2.50E-05	3.95E-04	5.08E-04	4.22E-04	5.08E-04	3.96E-04	3.99E-04	3.95E-04	3.97E-04
357.10	6368.60	Grid Location	6.72E-10	5.68E+00	3.56E+00	2.60E+00	3.91E-04	3.89E-04	4.18E-04	3.90E-04	4.18E-04	2.49E-05	3.91E-04	5.03E-04	4.18E-04	5.03E-04	3.92E-04	3.94E-04	3.91E-04	3.93E-04
357.15	6368.60	Grid Location	6.69E-10	5.65E+00	3.55E+00	2.58E+00	3.89E-04	3.88E-04	4.16E-04	3.88E-04	4.16E-04	2.48E-05	3.89E-04	5.01E-04	4.16E-04	5.01E-04	3.90E-04	3.93E-04	3.89E-04	3.91E-04
357.20	6368.60	Grid Location	6.67E-10	5.63E+00	3.52E+00	2.57E+00	3.89E-04	3.87E-04	4.15E-04	3.87E-04	4.15E-04	2.46E-05	3.89E-04	5.00E-04	4.15E-04	5.00E-04	3.89E-04	3.92E-04	3.88E-04	3.90E-04
357.25	6368.60	Grid Location	6.65E-10	5.62E+00	3.50E+00	2.57E+00	3.89E-04	3.87E-04	4.15E-04	3.88E-04	4.15E-04	2.45E-05	3.89E-04	5.00E-04	4.15E-04	5.00E-04	3.89E-04	3.92E-04	3.89E-04	3.91E-04
357.30	6368.60	Grid Location	6.60E-10	5.59E+00	3.48E+00	2.56E+00	3.89E-04	3.87E-04	4.15E-04	3.88E-04	4.15E-04	2.45E-05	3.89E-04	5.00E-04	4.15E-04	5.00E-04	3.90E-04	3.92E-04	3.89E-04	3.91E-04
357.35	6368.60	Grid Location	6.53E-10	5.52E+00	3.44E+00	2.53E+00	3.89E-04	3.87E-04	4.15E-04	3.87E-04	4.15E-04	2.47E-05	3.89E-04	5.00E-04	4.15E-04	5.00E-04	3.89E-04	3.92E-04	3.88E-04	3.90E-04
357.40	6368.60	Grid Location	6.48E-10	5.47E+00	3.42E+00	2.50E+00	3.90E-04	3.89E-04	4.17E-04	3.89E-04	4.17E-04	2.53E-05	3.91E-04	5.04E-04	4.17E-04	5.04E-04	3.91E-04	3.94E-04	3.90E-04	3.92E-04
357.45	6368.60	Grid Location	6.43E-10	5.43E+00	3.42E+00	2.47E+00	3.96E-04	3.94E-04	4.23E-04	3.94E-04	4.23E-04	2.63E-05	3.96E-04	5.14E-04	4.23E-04	5.14E-04	3.96E-04	3.99E-04	3.95E-04	3.97E-04
357.50	6368.60	Grid Location	6.43E-10	5.44E+00	3.45E+00	2.48E+00	4.09E-04	4.07E-04	4.38E-04	4.07E-04	4.38E-04	2.80E-05	4.09E-04	5.35E-04	4.38E-04	5.35E-04	4.09E-04	4.12E-04	4.08E-04	4.10E-04
357.55	6368.60	Grid Location	6.51E-10	5.51E+00	3.53E+00	2.52E+00	4.33E-04	4.30E-04	4.65E-04	4.31E-04	4.65E-04	3.03E-05	4.33E-04	5.69E-04	4.65E-04	5.69E-04	4.33E-04	4.37E-04	4.32E-04	4.34E-04
357.60	6368.60	Grid Location	6.66E-10	5.63E+00	3.64E+00	2.57E+00	4.68E-04	4.66E-04	5.04E-04	4.66E-04	5.04E-04	3.36E-05	4.68E-04	6.20E-04	5.04E-04	6.20E-04	4.69E-04	4.73E-04	4.67E-04	4.70E-04
357.65	6368.60	Grid Location	6.89E-10	5.83E+00	3.79E+00	2.66E+00	5.17E-04	5.14E-04	5.58E-04	5.15E-04	5.58E-04	3.83E-05	5.17E-04	6.90E-04	5.58E-04	6.90E-04	5.17E-04	5.22E-04	5.16E-04	5.19E-04
357.70	6368.60	Grid Location	7.20E-10	6.09E+00	3.97E+00	2.78E+00	5.80E-04	5.77E-04	6.27E-04	5.77E-04	6.27E-04	4.46E-05	5.80E-04	7.81E-04	6.27E-04	7.81E-04	5.80E-04	5.86E-04	5.79E-04	5.83E-04
357.75	6368.60	Grid Location	7.66E-10	6.48E+00	4.23E+00	2.96E+00	6.65E-04	6.61E-04	7.21E-04	6.62E-04	7.21E-04	5.29E-05	6.65E-04	9.03E-04	7.21E-04	9.03E-04	6.66E-04	6.72E-04	6.64E-04	6.68E-04
357.80	6368.60	Grid Location	8.19E-10	6.93E+00	4.55E+00	3.16E+00	7.70E-04	7.65E-04	8.36E-04	7.66E-04	8.36E-04	6.25E-05	7.70E-04	1.05E-03	8.36E-04	1.05E-03	7.71E-04	7.78E-04	7.68E-04	7.74E-04

357.85	6368.60	Grid Location	8.87E-10	7.50E+00	4.94E+00	3.42E+00	9.01E-04	8.95E-04	9.78E-04	8.96E-04	9.78E-04	7.32E-05	9.01E-04	1.23E-03	9.78E-04	1.23E-03	9.02E-04	9.10E-04	8.99E-04	9.05E-04
357.90	6368.60	Grid Location	9.59E-10	8.10E+00	5.35E+00	3.67E+00	1.04E-03	1.04E-03	1.13E-03	1.04E-03	1.13E-03	8.43E-05	1.04E-03	1.42E-03	1.13E-03	1.42E-03	1.05E-03	1.06E-03	1.04E-03	1.05E-03
357.95	6368.60	Grid Location	1.03E-09	8.70E+00	5.76E+00	3.93E+00	1.19E-03	1.18E-03	1.29E-03	1.19E-03	1.29E-03	9.48E-05	1.19E-03	1.62E-03	1.29E-03	1.62E-03	1.19E-03	1.20E-03	1.19E-03	1.20E-03
358.00	6368.60	Grid Location	1.11E-09	9.37E+00	6.16E+00	4.21E+00	1.34E-03	1.33E-03	1.45E-03	1.34E-03	1.45E-03	1.04E-04	1.34E-03	1.81E-03	1.45E-03	1.81E-03	1.34E-03	1.36E-03	1.34E-03	1.35E-03
356.50	6368.65	Grid Location	7.27E-10	6.19E+00	3.90E+00	2.88E+00	5.47E-04	5.44E-04	5.87E-04	5.45E-04	5.87E-04	3.77E-05	5.47E-04	7.17E-04	5.87E-04	7.17E-04	5.47E-04	5.52E-04	5.46E-04	5.49E-04
356.55	6368.65	Grid Location	7.38E-10	6.28E+00	3.97E+00	2.92E+00	5.47E-04	5.44E-04	5.86E-04	5.45E-04	5.86E-04	3.66E-05	5.47E-04	7.12E-04	5.86E-04	7.12E-04	5.47E-04	5.52E-04	5.46E-04	5.49E-04
356.60	6368.65	Grid Location	7.56E-10	6.43E+00	4.06E+00	2.99E+00	5.46E-04	5.43E-04	5.83E-04	5.43E-04	5.83E-04	3.51E-05	5.46E-04	7.04E-04	5.83E-04	7.04E-04	5.46E-04	5.50E-04	5.45E-04	5.48E-04
356.65	6368.65	Grid Location	7.73E-10	6.58E+00	4.12E+00	3.06E+00	5.39E-04	5.37E-04	5.75E-04	5.37E-04	5.75E-04	3.36E-05	5.39E-04	6.91E-04	5.75E-04	6.91E-04	5.40E-04	5.44E-04	5.39E-04	5.41E-04
356.70	6368.65	Grid Location	7.87E-10	6.69E+00	4.12E+00	3.12E+00	5.28E-04	5.25E-04	5.62E-04	5.26E-04	5.62E-04	3.21E-05	5.28E-04	6.73E-04	5.62E-04	6.73E-04	5.28E-04	5.32E-04	5.27E-04	5.30E-04
356.75	6368.65	Grid Location	7.88E-10	6.70E+00	4.05E+00	3.13E+00	5.13E-04	5.11E-04	5.45E-04	5.11E-04	5.45E-04	3.06E-05	5.13E-04	6.51E-04	5.45E-04	6.51E-04	5.13E-04	5.17E-04	5.12E-04	5.15E-04
356.80	6368.65	Grid Location	7.75E-10	6.60E+00	3.96E+00	3.08E+00	4.96E-04	4.94E-04	5.27E-04	4.94E-04	5.27E-04	2.91E-05	4.96E-04	6.27E-04	5.27E-04	6.27E-04	4.96E-04	4.99E-04	4.95E-04	4.97E-04
356.85	6368.65	Grid Location	7.54E-10	6.42E+00	3.88E+00	3.00E+00	4.75E-04	4.73E-04	5.05E-04	4.74E-04	5.05E-04	2.80E-05	4.76E-04	6.02E-04	5.05E-04	6.02E-04	4.76E-04	4.79E-04	4.75E-04	4.77E-04
356.90	6368.65	Grid Location	7.31E-10	6.22E+00	3.82E+00	2.91E+00	4.53E-04	4.51E-04	4.82E-04	4.51E-04	4.82E-04	2.70E-05	4.53E-04	5.75E-04	4.82E-04	5.75E-04	4.53E-04	4.56E-04	4.52E-04	4.55E-04
356.95	6368.65	Grid Location	7.14E-10	6.09E+00	3.78E+00	2.85E+00	4.31E-04	4.30E-04	4.59E-04	4.30E-04	4.59E-04	2.63E-05	4.31E-04	5.50E-04	4.59E-04	5.50E-04	4.32E-04	4.35E-04	4.31E-04	4.33E-04
357.00	6368.65	Grid Location	7.04E-10	6.00E+00	3.75E+00	2.81E+00	4.14E-04	4.12E-04	4.42E-04	4.13E-04	4.42E-04	2.57E-05	4.14E-04	5.30E-04	4.42E-04	5.30E-04	4.14E-04	4.18E-04	4.14E-04	4.16E-04
357.05	6368.65	Grid Location	6.96E-10	5.92E+00	3.72E+00	2.75E+00	4.01E-04	4.00E-04	4.28E-04	4.00E-04	4.28E-04	2.52E-05	4.01E-04	5.15E-04	4.28E-04	5.15E-04	4.02E-04	4.05E-04	4.01E-04	4.03E-04
357.10	6368.65	Grid Location	6.89E-10	5.84E+00	3.69E+00	2.69E+00	3.93E-04	3.91E-04	4.19E-04	3.91E-04	4.19E-04	2.49E-05	3.93E-04	5.05E-04	4.19E-04	5.05E-04	3.93E-04	3.96E-04	3.92E-04	3.94E-04
357.15	6368.65	Grid Location	6.83E-10	5.79E+00	3.67E+00	2.66E+00	3.87E-04	3.85E-04	4.13E-04	3.86E-04	4.13E-04	2.48E-05	3.87E-04	4.99E-04	4.13E-04	4.99E-04	3.87E-04	3.90E-04	3.87E-04	3.89E-04
357.20	6368.65	Grid Location	6.80E-10	5.76E+00	3.64E+00	2.65E+00	3.85E-04	3.83E-04	4.11E-04	3.83E-04	4.11E-04	2.46E-05	3.85E-04	4.95E-04	4.11E-04	4.95E-04	3.85E-04	3.88E-04	3.84E-04	3.86E-04
357.25	6368.65	Grid Location	6.80E-10	5.76E+00	3.63E+00	2.65E+00	3.84E-04	3.83E-04	4.10E-04	3.83E-04	4.10E-04	2.45E-05	3.84E-04	4.95E-04	4.10E-04	4.95E-04	3.85E-04	3.88E-04	3.84E-04	3.86E-04
357.30	6368.65	Grid Location	6.77E-10	5.75E+00	3.61E+00	2.65E+00	3.85E-04	3.83E-04	4.11E-04	3.83E-04	4.11E-04	2.46E-05	3.85E-04	4.96E-04	4.11E-04	4.96E-04	3.85E-04	3.88E-04	3.84E-04	3.86E-04
357.35	6368.65	Grid Location	6.72E-10	5.70E+00	3.58E+00	2.63E+00	3.85E-04	3.83E-04	4.12E-04	3.84E-04	4.12E-04	2.49E-05	3.85E-04	4.97E-04	4.12E-04	4.97E-04	3.86E-04	3.89E-04	3.85E-04	3.87E-04
357.40	6368.65	Grid Location	6.65E-10	5.64E+00	3.56E+00	2.59E+00	3.87E-04	3.85E-04	4.14E-04	3.86E-04	4.14E-04	2.55E-05	3.87E-04	5.02E-04	4.14E-04	5.02E-04	3.88E-04	3.91E-04	3.87E-04	3.89E-04
357.45	6368.65	Grid Location	6.61E-10	5.60E+00	3.57E+00	2.57E+00	3.95E-04	3.93E-04	4.23E-04	3.93E-04	4.23E-04	2.68E-05	3.95E-04	5.16E-04	4.23E-04	5.16E-04	3.95E-04	3.98E-04	3.94E-04	3.96E-04
357.50	6368.65	Grid Location	6.62E-10	5.62E+00	3.62E+00	2.59E+00	4.12E-04	4.10E-04	4.43E-04	4.10E-04	4.43E-04	2.89E-05	4.12E-04	5.42E-04	4.43E-04	5.42E-04	4.12E-04	4.16E-04	4.11E-04	4.14E-04
357.55	6368.65	Grid Location	6.76E-10	5.73E+00	3.73E+00	2.64E+00	4.46E-04	4.43E-04	4.80E-04	4.44E-04	4.80E-04	3.21E-05	4.46E-04	5.91E-04	4.80E-04	5.91E-04	4.46E-04	4.50E-04	4.45E-04	4.48E-04
357.60	6368.65	Grid Location	6.99E-10	5.93E+00	3.90E+00	2.73E+00	4.97E-04	4.94E-04	5.36E-04	4.94E-04	5.36E-04	3.70E-05	4.97E-04	6.64E-04	5.36E-04	6.64E-04	4.97E-04	5.02E-04	4.96E-04	4.99E-04
357.65	6368.65	Grid Location	7.33E-10	6.22E+00	4.12E+00	2.86E+00	5.66E-04	5.63E-04	6.12E-04	5.63E-04	6.12E-04	4.39E-05	5.66E-04	7.64E-04	6.12E-04	7.64E-04	5.66E-04	5.71E-04	5.65E-04	5.68E-04
357.70	6368.65	Grid Location	7.81E-10	6.63E+00	4.40E+00	3.04E+00	6.59E-04	6.55E-04	7.16E-04	6.56E-04	7.16E-04	5.31E-05	6.59E-04	8.99E-04	7.16E-04	8.99E-04	6.60E-04	6.66E-04	6.58E-04	6.62E-04
357.75	6368.65	Grid Location	8.37E-10	7.10E+00	4.73E+00	3.26E+00	7.75E-04	7.70E-04	8.43E-04	7.71E-04	8.43E-04	6.46E-05	7.75E-04	1.07E-03	8.43E-04	1.07E-03	7.76E-04	7.83E-04	7.73E-04	7.79E-04
357.80	6368.65	Grid Location	9.07E-10	7.69E+00	5.13E+00	3.52E+00	9.19E-04	9.14E-04	1.00E-03	9.15E-04	1.00E-03	7.74E-05	9.19E-04	1.27E-03	1.00E-03	1.27E-03	9.20E-04	9.29E-04	9.17E-04	9.24E-04
357.85	6368.65	Grid Location	9.94E-10	8.42E+00	5.62E+00	3.85E+00	1.09E-03	1.09E-03	1.19E-03	1.09E-03	1.19E-03	9.10E-05	1.09E-03	1.50E-03	1.19E-03	1.50E-03	1.10E-03	1.11E-03	1.09E-03	1.10E-03
357.90	6368.65	Grid Location	1.08E-09	9.15E+00	6.10E+00	4.17E+00	1.28E-03	1.27E-03	1.39E-03	1.27E-03	1.39E-03	1.04E-04	1.28E-03	1.74E-03	1.39E-03	1.74E-03	1.28E-03	1.29E-03	1.27E-03	1.28E-03
357.95	6368.65	Grid Location	1.17E-09	9.88E+00	6.57E+00	4.48E+00	1.45E-03	1.45E-03	1.58E-03	1.45E-03	1.58E-03	1.17E-04	1.45E-03	1.98E-03	1.58E-03	1.98E-03	1.45E-03	1.47E-03	1.45E-03	1.46E-03
358.00	6368.65	Grid Location	1.25E-09	1.06E+01	6.97E+00	4.77E+00	1.62E-03	1.61E-03	1.75E-03	1.61E-03	1.75E-03	1.28E-04	1.62E-03	2.19E-03	1.75E-03	2.19E-03	1.62E-03	1.63E-03	1.61E-03	1.62E-03
356.50	6368.70	Grid Location	7.56E-10	6.44E+00	4.08E+00	3.00E+00	5.41E-04	5.38E-04	5.81E-04	5.39E-04	5.81E-04	3.76E-05	5.41E-04	7.11E-04	5.81E-04	7.11E-04	5.41E-04	5.46E-04	5.40E-04	5.43E-04
356.55	6368.70	Grid Location	7.61E-10	6.48E+00	4.11E+00	3.02E+00	5.35E-04	5.33E-04	5.73E-04	5.33E-04	5.73E-04	3.58E-05	5.35E-04	6.97E-04	5.73E-04	6.97E-04	5.36E-04	5.40E-04	5.34E-04	5.37E-04
356.60	6368.70	Grid Location	7.71E-10	6.57E+00	4.18E+00	3.07E+00	5.28E-04	5.25E-04	5.64E-04	5.26E-04	5.64E-04	3.45E-05	5.28E-04	6.83E-04	5.64E-04	6.83E-04	5.28E-04	5.32E-04	5.27E-04	5.30E-04
356.65	6368.70	Grid Location	7.88E-10	6.72E+00	4.27E+00	3.14E+00	5.20E-04	5.17E-04	5.55E-04	5.18E-04	5.55E-04	3.37E-05	5.20E-04	6.71E-04	5.55E-04	6.71E-04	5.20E-04	5.24E-04	5.19E-04	5.22E-04
356.70	6368.70	Grid Location	8.11E-10	6.91E+00	4.34E+00	3.23E+00	5.17E-04	5.15E-04	5.52E-04	5.15E-04	5.52E-04	3.32E-05	5.17E-04	6.67E-04	5.52E-04	6.67E-04	5.17E-04	5.21E-04	5.16E-04	5.19E-04
356.75	6368.70	Grid Location	8.25E-10	7.03E+00	4.31E+00	3.29E+00	5.16E-04	5.13E-04	5.50E-04	5.14E-04	5.50E-04	3.22E-05	5.16E-04	6.61E-04	5.50E-04	6.61E-04	5.16E-04	5.20E-04	5.15E-04	5.18E-04
356.80	6368.70	Grid Location	8.23E-10	7.01E+00	4.21E+00	3.28E+00	5.11E-04	5.09E-04	5.43E-04	5.09E-04	5.43E-04	3.07E-05	5.11E-04	6.49E-04	5.43E-04	6.49E-04	5.11E-04	5.15E-04	5.10E-04	5.13E-04
356.85	6368.70	Grid Location	8.02E-10	6.83E+00	4.09E+00	3.20E+00	4.95E-04	4.93E-04	5.26E-04	4.94E-04	5.26E-04	2.89E-05	4.96E-04	6.26E-04	5.26E-04	6.26E-04	4.96E-04	4.99E-04	4.95E-04	4.97E-04
356.90	6368.70	Grid Location	7.75E-10	6.61E+00	4.01E+00	3.11E+00	4.72E-04	4.70E-04	5.02E-04	4.71E-04	5.02E-04	2.76E-05	4.73E-04	5.97E-04	5.02E-04	5.97E-04	4.73E-04	4.76E-04	4.72E-04	4.74E-04
356.95	6368.70	Grid Location	7.48E-10	6.39E+00	3.95E+00	3.01E+00	4.45E-04	4.43E-04	4.73E-04	4.43E-04	4.73E-04	2.65E-05	4.45E-04	5.64E-04	4.73E-04	5.64E-04	4.45E-04	4.48E-04	4.44E-04	4.46E-04
357.00	6368.70	Grid Location	7.26E-10	6.21E+00	3.90E+00	2.94E+00	4.18E-04	4.16E-04	4.45E-04	4.16E-04	4.45E-04	2.58E-05	4.18E-04	5.34E-04	4.45E-04	5.34E-04	4.18E-04	4.21E-04	4.17E-04	4.20E-04
357.05	6368.70	Grid Location	7.10E-10	6.07E+00	3.85E+00	2.86E+00	3.98E-04	3.96E-04	4.24E-04	3.96E-04	4.24E-04	2.52E-05	3.98E-04	5.11E-04	4.24E-04	5.11E-04	3.98E-04	4.01E-04	3.97E-04	3.99E-04
357.10	6368.70	Grid Location	7.00E-10	5.96E+00	3.81E+00	2.78E+00	3.85E-04	3.83E-04	4.11E-04	3.83E-04	4.11E-04	2.49E-05	3.85E-04	4.97E-04	4.11E-04	4.97E-04	3.85E-04	3.88E-04	3.84E-04	3.86E-04
357.15	6368.70	Grid Location	6.94E-10	5.90E+00	3.80E+00	2.74E+00	3.78E-04	3.76E-04	4.04E-04	3.76E-04	4.04E-04	2.47E-05	3.78E-04	4.89E-04	4.04E-04	4.89E-04	3.78E-04	3.81E-04	3.77E-04	3.79E-04
357.20	6368.70	Grid Location	6.93E-10	5.89E+00	3.79E+00	2.73E+00	3.75E-04	3.73E-04	4.01E-04	3.73E-04	4.01E-04	2.47E-05	3.75E-04	4.86E-04	4.01E-04	4.86E-04	3.75E-04	3.78E-04	3.74E-04	3.76E-04
357.25	6368.70	Grid Location	6.95E-10	5.91E+00	3.79E+00	2.74E+00	3.75E-04	3.74E-04	4.02E-04	3.74E-04	4.02E-04	2.47E-05	3.75E-04	4.87E-04	4.02E-04	4.87E-04	3.76E-04	3.79E-04	3.75E-04	3.77E-04
357.30	6368.70	Grid Location	6.95E-10	5.92E+00	3.78E+00	2.75E+00	3.77E-04	3.75E-04	4.03E-04	3.75E-04	4.03E-04	2.48E-05	3.77E-04	4.89E-04	4.03E-04	4.89E-04	3.77E-04	3.80E-04	3.76E-04	3.78E-04
357.35	6368.70	Grid Location	6.91E-10	5.89E+00	3.76E+00	2.74E+00	3.78E-04	3.76E-04	4.05E-04	3.77E-04	4.05E-04	2.52E-05	3.78E-04	4.92E-04	4.05E-04	4.92E-04	3.78E-04	3.81E-04	3.77E-04	3.80E-04
357.40	6368.70	Grid Location	6.86E-10	5.83E+00	3.74E+00	2.70E+00	3.81E-04	3.79E-04	4.08E-04	3.79E-04	4.08E-04	2.59E-05	3.81E-04	4.98E-04	4.08E-04	4.98E-04	3.81E-04	3.84E-04	3.80E-04	3.82E-04
357.45	6368.70	Grid Location	6.82E-10	5.80E+00	3.77E+00	2.69E+00	3.90E-04	3.88E-04	4.19E-04	3.88E-04	4.19E-04	2.75E-05	3.90E-04	5.14E-04	4.19E-04	5.14E-04	3.90E-04	3.94E-04	3.89E-04	3.92E-04
357.50	6368.70	Grid Location	6.86E-10	5.85E+00	3.83E+00	2.72E+00	4.12E-04	4.09E-04	4.43E-04	4.10E-04	4.43E-04	2.98E-05	4.12E-04	5.46E-04	4.43E-04	5.46E-04	4.12E-04	4.15E-04	4.11E-04	4.13E-04
357.55	6368.70	Grid Location	7.02E-10	5.99E+00	3.96E+00	2.79E+00	4.54E-04	4.51E-04	4.90E-04	4.52E-04	4.90E-04	3.38E-05	4.54E-04	6.06E-04	4.90E-04	6.06E-04	4.54E-04	4.58E-04	4.53E-04	4.56E-04
357.60	6368.70	Grid Location	7.33E-10	6.26E+00	4.19E+00	2.92E+00	5.21E-04	5.18E-04	5.64E-04	5.18E-04	5.64E-04	4.05E-05	5.21E-04	7.04E-04	5.64E-04	7.04E-04	5.21E-04	5.26E-04	5.20E-04	5.23E-04
357.65	6368.70	Grid Location	7.83E-10	6.68E+00	4.53E+00	3.11E+00	6.19E-04	6.15E-04	6.73E-04	6.16E-04	6.73E-04	5.08E-05	6.19E-04	8.48E-04	6.73E-04	8.48E-04	6.19E-04	6.25E-04	6.18E-04	6.22E-04
357.70	6368.70	Grid Location	8.52E-10	7.26E+00	4.95E+00	3.37E+00	7.52E-04	7.48E-04	8.21E-04	7.49E-04	8.21E-04	6.47E-05	7.53E-04	1.04E-03	8.21E-04	1.04E-03	7.53E-04	7.61E-04	7.51E-04	7.56E-04
357.75	6368.70	Grid Location	9.29E-10	7.91E+00	5.39E+00	3.65E+00	9.16E-04	9.10E-04	1.00E-03	9.11E-04	1.00E-03	8.06E-05	9.16E-04	1.28E-03	1.00E-03	1.28E-03	9.17E-04	9.26E-04	9.14E-04	9.21E-04
357.80	6368.70	Grid Location	1.02E-09	8.68E+00	5.90E+00	3.99E+00	1.12E-03	1.11E-03	1.22E-03	1.11E-03	1.22E-03	9.75E-05	1.12E-03	1.56E-03	1.22E-03	1.56E-03	1.12E-03	1.13E-03	1.11E-03	1.12E-03
357.85	6368.70	Grid Location	1.13E-09	9.57E+00	6.46E+00	4.39E+00	1.34E-03	1.33E-03	1.46E-03	1.33E-03	1.46E-03	1.14E-04	1.34E-03	1.86E-03	1.46E-03	1.86E-03	1.34E-03	1.36E-03	1.34E-03	1.35E-03
357.90	6368.70	Grid Location	1.23E-09	1.05E+01	7.01E+00	4.79E+00	1.57E-03	1.56E-03	1.71E-03	1.56E-03	1.71E-03	1.30E-04	1.57E-03	2.15E-03	1.71E-03	2.15E-03	1.57E-03	1.58E-03	1.56E-03	1.58E-03
357.95	6368.70	Grid Location	1.34E-09	1.13E+01	7.53E+00	5.16E+00	1.78E-03	1.77E-03	1.93E-03	1.77E-03	1.93E-03	1.44E-04	1.78E-03	2.43E-03	1.93E-03	2.43E-03	1.78E-03	1.80E-03	1.77E-03	1.79E-03
358.00	6368.70	Grid Location	1.43E-09	1.20E+01	7.96E+00	5.47E+00	1.96E-03	1.95E-03	2.13E-03	1.95E-03	2.13E-03	1.57E-04	1.96E-03	2.67E-03	2.13E-03	2.67E-03	1.96E-03	1.98E-03	1.96E-03	1.97E-03
356.50	6368.75	Grid Location	7.86E-10	6.69E+00	4.27E+00	3.11E+00	5.19E-04	5.17E-04	5.58E-04	5.17E-04	5.58E-04	3.62E-05	5.19E-04	6.83E-04	5.58E-04	6.83E-04	5.20E-04	5.24E-04	5.18E-04	5.22E-04
356.55	6368.75	Grid Location	7.87E-10	6.70E+00	4.28E+00	3.12E+00	5.10E-04	5.07E-04	5.46E-04	5.08E-04	5.46E-04	3.43E-05	5.10E-04	6.65E-04	5.46E-04	6.65E-04	5.10E-04	5.14E-04	5.09E-04	5.12E-04
356.60	6368.75	Grid Location	7.94E-10	6.77E+00	4.35E+00	3.16E+00	4.99E-04	4.96E-04	5.34E-04	4.97E-04	5.34E-04	3.33E-05	4.99E-04	6.49E-04	5.34E-04	6.49E-04	4.99E-04	5.03E-04	4.98E-04	5.01E-04
356.65	6368.75	Grid Location	8.10E-10	6.91E+00	4.44E+00	3.23E+00	4.92E-04	4.90E-04	5.27E-04	4.90E-04	5.27E-04	3.32E-05	4.92E-04	6.42E-04	5.27E-04	6.42E-04	4.93E-04	4.97E-04	4.91E-04	4.94E-04
356.70	6368.75	Grid Location	8.34E-10	7.11E+00	4.52E+00	3.33E+00	4.96E-04	4.93E-04	5.31E-04	4.94E-04	5.31E-04	3.34E-05	4.96E-04	6.46E-04	5.31E-04	6.46E-04	4.96E-04	5.00E-04	4.95E-04	4.98E-04
356.75	6368.75	Grid Location	8.58E-10	7.31E+00	4.54E+00	3.42E+00	5.07E-04	5.05E-04	5.42E-04	5.05E-04	5.42E-04	3.31E-05	5.07E-04	6.56E-04	5.42E-04	6.56E-04	5.07E-04	5.11E-04	5.06E-04	5.09E-04
356.80	6368.75	Grid Location	8.70E-10	7.40E+00	4.47E+00	3.47E+00	5.16E-04	5.14E-04	5.50E-04	5.15E-04	5.50E-04	3.19E-05	5.16E-04	6.60E-04	5.50E-04	6.60E-04	5.17E-04	5.21E-04	5.16E-04	5.18E-04
356.85	6368.75	Grid Location	8.54E-10	7.28E+00	4.34E+00	3.43E+00	5.10E-04	5.08E-04	5.42E-04	5.08E-04	5.42E-04	2.98E-05	5.10E-04	6.44E-04	5.42E-04	6.44E-04	5.10E-04	5.14E-04	5.09E-04	5.12E-04
356.90	6368.75	Grid Location	8.20E-10	7.01E+00	4.22E+00	3.32E+00	4.86E-04	4.84E-04	5.15E-04	4.84E-04	5.15E-04	2.80E-05	4.86E-04	6.12E-04	5.15E-04	6.12E-04	4.86E-04	4.89E-04	4.85E-04	4.87E-04
356.95	6368.75	Grid Location	7.79E-10	6.67E+00	4.12E+00	3.17E+00	4.48E-04	4.46E-04	4.76E-04	4.47E-04	4.76E-04	2.66E-05	4.48E-04	5.68E-04	4.76E-04	5.68E-04	4.48E-04	4.52E-04	4.47E-04	4.50E-04
357.00	6368.75	Grid Location	7.44E-10	6.39E+00	4.04E+00	3.05E+00	4.13E-04	4.11E-04	4.41E-04	4.12E-04	4.41E-04	2.58E-05	4.13E-04	5.29E-04	4.41E-04	5.29E-04	4.13E-04	4.17E-04	4.13E-04	4.15E-04
357.05	6368.75	Grid Location	7.19E-10	6.18E+00	3.97E+00	2.95E+00	3.87E-04	3.86E-04	4.14E-04	3.86E-04	4.14E-04	2.52E-05	3.88E-04	5.01E-04	4.14E-04	5.01E-04	3.88E-04	3.91E-04	3.87E-04	3.89E-04
357.10	6368.75	Grid Location	7.06E-10	6.05E+00	3.94E+00	2.86E+00	3.72E-04	3.70E-04	3.98E-04	3.70E-04	3.98E-04	2.48E-05	3.72E-04	4.84E-04	3.98E-04	4.84E-04	3.72E-04	3.75E-04	3.71E-04	3.73E-04
357.15	6368.75	Grid Location	7.02E-10	5.99E+00	3.94E+00	2.80E+00	3.64E-04	3.63E-04	3.91E-04	3.63E-04	3.91E-04	2.48E-05	3.65E-04	4.76E-04	3.91E-04	4.76E-04	3.65E-04	3.68E-04	3.64E-04	3.66E-04
357.20	6368.75	Grid Location	7.03E-10	5.99E+00	3.95E+00	2.79E+00	3.62E-04	3.61E-04	3.89E-04	3.61E-04	3.89E-04	2.49E-05	3.62E-04	4.75E-04	3.89E-04	4.75E-04	3.63E-04	3.66E-04	3.62E-04	3.64E-04
357.25	6368.75	Grid Location	7.09E-10	6.04E+00	3.97E+00	2.81E+00	3.64E-04	3.62E-04	3.91E-04	3.63E-04	3.91E-04	2.50E-05	3.64E-04	4.77E-04	3.91E-04	4.77E-04	3.64E-04	3.67E-04	3.64E-04	3.66E-04
357.30	6368.75	Grid Location	7.12E-10	6.08E+00	3.97E+00	2.84E+00	3.67E-04	3.65E-04	3.94E-04	3.65E-04	3.94E-04	2.52E-05	3.67E-04	4.81E-04	3.94E-04	4.81E-04	3.67E-04	3.70E-04	3.66E-04	3.69E-04

357.35	6368.75 Grid Location	7.12E-10	6.07E+00	3.96E+00	2.83E+00	3.70E-04	3.68E-04	3.97E-04	3.68E-04	3.97E-04	2.57E-05	3.70E-04	4.85E-04	3.97E-04	4.85E-04	3.70E-04	3.73E-04	3.69E-04	3.71E-04
357.40	6368.75 Grid Location	7.08E-10	6.04E+00	3.97E+00	2.81E+00	3.73E-04	3.72E-04	4.02E-04	3.72E-04	4.02E-04	2.67E-05	3.74E-04	4.94E-04	4.02E-04	4.94E-04	3.74E-04	3.77E-04	3.73E-04	3.75E-04
357.45	6368.75 Grid Location	7.05E-10	6.03E+00	4.01E+00	2.81E+00	3.85E-04	3.83E-04	4.15E-04	3.83E-04	4.15E-04	2.84E-05	3.85E-04	5.13E-04	4.15E-04	5.13E-04	3.85E-04	3.88E-04	3.84E-04	3.86E-04
357.50	6368.75 Grid Location	7.12E-10	6.11E+00	4.09E+00	2.88E+00	4.12E-04	4.10E-04	4.45E-04	4.10E-04	4.45E-04	3.12E-05	4.12E-04	5.52E-04	4.45E-04	5.52E-04	4.12E-04	4.16E-04	4.11E-04	4.14E-04
357.55	6368.75 Grid Location	7.33E-10	6.30E+00	4.26E+00	2.98E+00	4.64E-04	4.61E-04	5.02E-04	4.62E-04	5.02E-04	3.61E-05	4.64E-04	6.27E-04	5.02E-04	6.27E-04	4.64E-04	4.69E-04	4.63E-04	4.66E-04
357.60	6368.75 Grid Location	7.73E-10	6.65E+00	4.57E+00	3.16E+00	5.51E-04	5.48E-04	5.99E-04	5.48E-04	5.99E-04	4.52E-05	5.51E-04	7.55E-04	5.99E-04	7.55E-04	5.51E-04	5.57E-04	5.50E-04	5.54E-04
357.65	6368.75 Grid Location	8.38E-10	7.20E+00	5.01E+00	3.41E+00	6.80E-04	6.76E-04	7.43E-04	6.77E-04	7.43E-04	5.96E-05	6.80E-04	9.49E-04	7.43E-04	9.49E-04	6.81E-04	6.88E-04	6.79E-04	6.84E-04
357.70	6368.75 Grid Location	9.29E-10	7.97E+00	5.58E+00	3.75E+00	8.60E-04	8.54E-04	9.44E-04	8.55E-04	9.44E-04	7.93E-05	8.60E-04	1.22E-03	9.44E-04	1.22E-03	8.61E-04	8.70E-04	8.58E-04	8.65E-04
357.75	6368.75 Grid Location	1.04E-09	8.87E+00	6.21E+00	4.14E+00	1.09E-03	1.08E-03	1.19E-03	1.08E-03	1.19E-03	1.01E-04	1.09E-03	1.54E-03	1.19E-03	1.54E-03	1.09E-03	1.10E-03	1.08E-03	1.09E-03
357.80	6368.75 Grid Location	1.16E-09	9.89E+00	6.84E+00	4.58E+00	1.35E-03	1.34E-03	1.48E-03	1.34E-03	1.48E-03	1.23E-04	1.35E-03	1.91E-03	1.48E-03	1.91E-03	1.35E-03	1.37E-03	1.35E-03	1.36E-03
357.85	6368.75 Grid Location	1.29E-09	1.10E+01	7.49E+00	5.06E+00	1.64E-03	1.63E-03	1.79E-03	1.63E-03	1.79E-03	1.43E-04	1.64E-03	2.28E-03	1.79E-03	2.28E-03	1.64E-03	1.65E-03	1.63E-03	1.65E-03
357.90	6368.75 Grid Location	1.42E-09	1.20E+01	8.07E+00	5.52E+00	1.91E-03	1.90E-03	2.08E-03	1.90E-03	2.08E-03	1.61E-04	1.91E-03	2.63E-03	2.08E-03	2.63E-03	1.91E-03	1.93E-03	1.90E-03	1.92E-03
357.95	6368.75 Grid Location	1.53E-09	1.30E+01	8.63E+00	5.93E+00	2.15E-03	2.14E-03	2.34E-03	2.14E-03	2.34E-03	1.77E-04	2.15E-03	2.95E-03	2.34E-03	2.95E-03	2.15E-03	2.17E-03	2.14E-03	2.16E-03
358.00	6368.75 Grid Location	1.63E-09	1.38E+01	9.14E+00	6.30E+00	2.37E-03	2.35E-03	2.57E-03	2.36E-03	2.57E-03	1.92E-04	2.37E-03	3.23E-03	2.57E-03	3.23E-03	2.37E-03	2.39E-03	2.36E-03	2.38E-03
356.50	6368.80 Grid Location	8.14E-10	6.91E+00	4.46E+00	3.19E+00	4.84E-04	4.82E-04	5.20E-04	4.82E-04	5.20E-04	3.38E-05	4.84E-04	6.37E-04	5.20E-04	6.37E-04	4.85E-04	4.89E-04	4.83E-04	4.86E-04
356.55	6368.80 Grid Location	8.16E-10	6.94E+00	4.50E+00	3.22E+00	4.76E-04	4.74E-04	5.11E-04	4.74E-04	5.11E-04	3.26E-05	4.76E-04	6.23E-04	5.11E-04	6.23E-04	4.77E-04	4.80E-04	4.75E-04	4.78E-04
356.60	6368.80 Grid Location	8.23E-10	7.01E+00	4.55E+00	3.26E+00	4.67E-04	4.64E-04	5.01E-04	4.65E-04	5.01E-04	3.21E-05	4.67E-04	6.11E-04	5.01E-04	6.11E-04	4.67E-04	4.71E-04	4.66E-04	4.69E-04
356.65	6368.80 Grid Location	8.37E-10	7.14E+00	4.62E+00	3.33E+00	4.63E-04	4.61E-04	4.97E-04	4.61E-04	4.97E-04	3.22E-05	4.63E-04	6.08E-04	4.97E-04	6.08E-04	4.63E-04	4.67E-04	4.62E-04	4.65E-04
356.70	6368.80 Grid Location	8.59E-10	7.32E+00	4.68E+00	3.42E+00	4.70E-04	4.68E-04	5.05E-04	4.68E-04	5.05E-04	3.28E-05	4.70E-04	6.18E-04	5.05E-04	6.18E-04	4.71E-04	4.75E-04	4.69E-04	4.72E-04
356.75	6368.80 Grid Location	8.86E-10	7.55E+00	4.72E+00	3.52E+00	4.89E-04	4.86E-04	5.24E-04	4.87E-04	5.24E-04	3.32E-05	4.89E-04	6.39E-04	5.24E-04	6.39E-04	4.89E-04	4.93E-04	4.88E-04	4.91E-04
356.80	6368.80 Grid Location	9.04E-10	7.70E+00	4.70E+00	3.60E+00	5.08E-04	5.06E-04	5.43E-04	5.06E-04	5.43E-04	3.25E-05	5.08E-04	6.55E-04	5.43E-04	6.55E-04	5.08E-04	5.12E-04	5.07E-04	5.10E-04
356.85	6368.80 Grid Location	8.98E-10	7.66E+00	4.60E+00	3.61E+00	5.12E-04	5.10E-04	5.45E-04	5.10E-04	5.45E-04	3.08E-05	5.12E-04	6.51E-04	5.45E-04	6.51E-04	5.12E-04	5.16E-04	5.11E-04	5.14E-04
356.90	6368.80 Grid Location	8.61E-10	7.37E+00	4.44E+00	3.51E+00	4.89E-04	4.87E-04	5.19E-04	4.87E-04	5.19E-04	2.85E-05	4.89E-04	6.17E-04	5.19E-04	6.17E-04	4.89E-04	4.92E-04	4.88E-04	4.90E-04
356.95	6368.80 Grid Location	8.08E-10	6.95E+00	4.28E+00	3.34E+00	4.48E-04	4.46E-04	4.76E-04	4.46E-04	4.76E-04	2.68E-05	4.48E-04	5.68E-04	4.76E-04	5.68E-04	4.48E-04	4.51E-04	4.47E-04	4.49E-04
357.00	6368.80 Grid Location	7.58E-10	6.54E+00	4.16E+00	3.16E+00	4.06E-04	4.04E-04	4.33E-04	4.04E-04	4.33E-04	2.57E-05	4.06E-04	5.22E-04	4.33E-04	5.22E-04	4.06E-04	4.09E-04	4.05E-04	4.07E-04
357.05	6368.80 Grid Location	7.21E-10	6.23E+00	4.07E+00	3.01E+00	3.73E-04	3.72E-04	4.00E-04	3.72E-04	4.00E-04	2.50E-05	3.74E-04	4.86E-04	4.00E-04	4.86E-04	3.74E-04	3.77E-04	3.73E-04	3.75E-04
357.10	6368.80 Grid Location	7.02E-10	6.06E+00	4.03E+00	2.90E+00	3.54E-04	3.53E-04	3.80E-04	3.53E-04	3.80E-04	2.46E-05	3.54E-04	4.65E-04	3.80E-04	4.65E-04	3.55E-04	3.58E-04	3.54E-04	3.56E-04
357.15	6368.80 Grid Location	6.98E-10	5.99E+00	4.03E+00	2.83E+00	3.46E-04	3.44E-04	3.72E-04	3.45E-04	3.72E-04	2.46E-05	3.46E-04	4.57E-04	3.72E-04	4.57E-04	3.46E-04	3.49E-04	3.45E-04	3.48E-04
357.20	6368.80 Grid Location	7.03E-10	6.02E+00	4.07E+00	2.81E+00	3.45E-04	3.43E-04	3.71E-04	3.43E-04	3.71E-04	2.48E-05	3.45E-04	4.57E-04	3.71E-04	4.57E-04	3.45E-04	3.48E-04	3.44E-04	3.46E-04
357.25	6368.80 Grid Location	7.14E-10	6.11E+00	4.12E+00	2.85E+00	3.48E-04	3.47E-04	3.75E-04	3.47E-04	3.75E-04	2.51E-05	3.49E-04	4.62E-04	3.75E-04	4.62E-04	3.49E-04	3.52E-04	3.48E-04	3.50E-04
357.30	6368.80 Grid Location	7.24E-10	6.19E+00	4.14E+00	2.90E+00	3.54E-04	3.52E-04	3.81E-04	3.52E-04	3.81E-04	2.54E-05	3.54E-04	4.68E-04	3.81E-04	4.68E-04	3.54E-04	3.57E-04	3.53E-04	3.55E-04
357.35	6368.80 Grid Location	7.27E-10	6.22E+00	4.16E+00	2.91E+00	3.58E-04	3.56E-04	3.86E-04	3.56E-04	3.86E-04	2.61E-05	3.58E-04	4.76E-04	3.86E-04	4.76E-04	3.58E-04	3.61E-04	3.57E-04	3.60E-04
357.40	6368.80 Grid Location	7.25E-10	6.20E+00	4.20E+00	2.89E+00	3.63E-04	3.61E-04	3.92E-04	3.61E-04	3.92E-04	2.75E-05	3.63E-04	4.87E-04	3.92E-04	4.87E-04	3.63E-04	3.67E-04	3.62E-04	3.65E-04
357.45	6368.80 Grid Location	7.25E-10	6.22E+00	4.27E+00	2.92E+00	3.76E-04	3.74E-04	4.08E-04	3.75E-04	4.08E-04	2.96E-05	3.76E-04	5.10E-04	4.08E-04	5.10E-04	3.77E-04	3.80E-04	3.76E-04	3.78E-04
357.50	6368.80 Grid Location	7.35E-10	6.34E+00	4.38E+00	3.02E+00	4.08E-04	4.06E-04	4.43E-04	4.07E-04	4.43E-04	3.29E-05	4.09E-04	5.57E-04	4.43E-04	5.57E-04	4.09E-04	4.13E-04	4.08E-04	4.11E-04
357.55	6368.80 Grid Location	7.61E-10	6.59E+00	4.61E+00	3.18E+00	4.72E-04	4.69E-04	5.14E-04	4.70E-04	5.14E-04	3.94E-05	4.72E-04	6.50E-04	5.14E-04	6.50E-04	4.73E-04	4.77E-04	4.71E-04	4.75E-04
357.60	6368.80 Grid Location	8.14E-10	7.07E+00	5.03E+00	3.43E+00	5.83E-04	5.80E-04	6.39E-04	5.80E-04	6.39E-04	5.20E-05	5.83E-04	8.18E-04	6.39E-04	8.18E-04	5.84E-04	5.90E-04	5.82E-04	5.87E-04
357.65	6368.80 Grid Location	9.02E-10	7.83E+00	5.64E+00	3.79E+00	7.57E-04	7.52E-04	8.34E-04	7.52E-04	8.34E-04	7.23E-05	7.57E-04	1.08E-03	8.34E-04	1.08E-03	7.58E-04	7.66E-04	7.55E-04	7.61E-04
357.70	6368.80 Grid Location	1.02E-09	8.78E+00	6.34E+00	4.21E+00	9.90E-04	9.83E-04	1.09E-03	9.84E-04	1.09E-03	9.77E-05	9.90E-04	1.43E-03	1.09E-03	1.43E-03	9.91E-04	1.00E-03	9.88E-04	9.96E-04
357.75	6368.80 Grid Location	1.16E-09	9.98E+00	7.14E+00	4.72E+00	1.28E-03	1.27E-03	1.42E-03	1.28E-03	1.42E-03	1.26E-04	1.28E-03	1.85E-03	1.42E-03	1.85E-03	1.28E-03	1.30E-03	1.28E-03	1.29E-03
357.80	6368.80 Grid Location	1.31E-09	1.12E+01	7.90E+00	5.25E+00	1.60E-03	1.59E-03	1.76E-03	1.59E-03	1.76E-03	1.52E-04	1.60E-03	2.29E-03	1.76E-03	2.29E-03	1.60E-03	1.62E-03	1.60E-03	1.61E-03
357.85	6368.80 Grid Location	1.48E-09	1.26E+01	8.69E+00	5.84E+00	1.94E-03	1.93E-03	2.13E-03	1.93E-03	2.13E-03	1.76E-04	1.94E-03	2.74E-03	2.13E-03	2.74E-03	1.95E-03	1.97E-03	1.94E-03	1.95E-03
357.90	6368.80 Grid Location	1.63E-09	1.39E+01	9.37E+00	6.39E+00	2.26E-03	2.25E-03	2.47E-03	2.25E-03	2.47E-03	1.98E-04	2.26E-03	3.16E-03	2.47E-03	3.16E-03	2.27E-03	2.29E-03	2.26E-03	2.28E-03
357.95	6368.80 Grid Location	1.76E-09	1.49E+01	9.95E+00	6.85E+00	2.55E-03	2.53E-03	2.78E-03	2.53E-03	2.78E-03	2.16E-04	2.55E-03	3.52E-03	2.78E-03	3.52E-03	2.55E-03	2.57E-03	2.54E-03	2.56E-03
358.00	6368.80 Grid Location	1.87E-09	1.59E+01	1.05E+01	7.28E+00	2.81E-03	2.80E-03	3.06E-03	2.80E-03	3.06E-03	2.33E-04	2.81E-03	3.87E-03	3.06E-03	3.87E-03	2.82E-03	2.84E-03	2.81E-03	2.83E-03
356.50	6368.85 Grid Location	8.37E-10	7.10E+00	4.63E+00	3.27E+00	4.44E-04	4.42E-04	4.78E-04	4.43E-04	4.78E-04	3.13E-05	4.45E-04	5.86E-04	4.78E-04	5.86E-04	4.45E-04	4.49E-04	4.44E-04	4.46E-04
356.55	6368.85 Grid Location	8.42E-10	7.16E+00	4.69E+00	3.31E+00	4.41E-04	4.39E-04	4.74E-04	4.39E-04	4.74E-04	3.09E-05	4.41E-04	5.80E-04	4.74E-04	5.80E-04	4.41E-04	4.45E-04	4.40E-04	4.43E-04
356.60	6368.85 Grid Location	8.51E-10	7.25E+00	4.74E+00	3.36E+00	4.36E-04	4.34E-04	4.69E-04	4.35E-04	4.69E-04	3.08E-05	4.37E-04	5.76E-04	4.69E-04	5.76E-04	4.37E-04	4.41E-04	4.36E-04	4.38E-04
356.65	6368.85 Grid Location	8.66E-10	7.38E+00	4.80E+00	3.43E+00	4.37E-04	4.35E-04	4.71E-04	4.36E-04	4.71E-04	3.13E-05	4.37E-04	5.79E-04	4.71E-04	5.79E-04	4.38E-04	4.42E-04	4.37E-04	4.39E-04
356.70	6368.85 Grid Location	8.82E-10	7.52E+00	4.81E+00	3.50E+00	4.45E-04	4.43E-04	4.79E-04	4.43E-04	4.79E-04	3.19E-05	4.45E-04	5.89E-04	4.79E-04	5.89E-04	4.45E-04	4.49E-04	4.44E-04	4.47E-04
356.75	6368.85 Grid Location	9.05E-10	7.71E+00	4.85E+00	3.60E+00	4.64E-04	4.62E-04	4.99E-04	4.62E-04	4.99E-04	3.27E-05	4.64E-04	6.12E-04	4.99E-04	6.12E-04	4.65E-04	4.69E-04	4.63E-04	4.66E-04
356.80	6368.85 Grid Location	9.23E-10	7.87E+00	4.87E+00	3.68E+00	4.87E-04	4.85E-04	5.22E-04	4.85E-04	5.22E-04	3.30E-05	4.87E-04	6.36E-04	5.22E-04	6.36E-04	4.87E-04	4.91E-04	4.86E-04	4.89E-04
356.85	6368.85 Grid Location	9.22E-10	7.88E+00	4.81E+00	3.72E+00	4.99E-04	4.97E-04	5.33E-04	4.97E-04	5.33E-04	3.20E-05	4.99E-04	6.44E-04	5.33E-04	6.44E-04	5.00E-04	5.04E-04	4.99E-04	5.01E-04
356.90	6368.85 Grid Location	8.93E-10	7.66E+00	4.65E+00	3.66E+00	4.87E-04	4.85E-04	5.18E-04	4.85E-04	5.18E-04	2.95E-05	4.87E-04	6.20E-04	5.18E-04	6.20E-04	4.87E-04	4.91E-04	4.86E-04	4.89E-04
356.95	6368.85 Grid Location	8.31E-10	7.18E+00	4.43E+00	3.48E+00	4.45E-04	4.43E-04	4.74E-04	4.43E-04	4.74E-04	2.70E-05	4.45E-04	5.67E-04	4.74E-04	5.67E-04	4.45E-04	4.48E-04	4.44E-04	4.47E-04
357.00	6368.85 Grid Location	7.61E-10	6.61E+00	4.24E+00	3.23E+00	3.93E-04	3.92E-04	4.21E-04	3.92E-04	4.21E-04	2.55E-05	3.94E-04	5.08E-04	4.21E-04	5.08E-04	3.94E-04	3.97E-04	3.93E-04	3.95E-04
357.05	6368.85 Grid Location	7.09E-10	6.17E+00	4.10E+00	3.02E+00	3.53E-04	3.51E-04	3.79E-04	3.51E-04	3.79E-04	2.45E-05	3.53E-04	4.63E-04	3.79E-04	4.63E-04	3.53E-04	3.56E-04	3.52E-04	3.54E-04
357.10	6368.85 Grid Location	6.83E-10	5.93E+00	4.02E+00	2.88E+00	3.29E-04	3.28E-04	3.55E-04	3.28E-04	3.55E-04	2.38E-05	3.29E-04	4.37E-04	3.55E-04	4.37E-04	3.30E-04	3.32E-04	3.29E-04	3.31E-04
357.15	6368.85 Grid Location	6.79E-10	5.85E+00	4.02E+00	2.79E+00	3.20E-04	3.18E-04	3.45E-04	3.19E-04	3.45E-04	2.36E-05	3.20E-04	4.26E-04	3.45E-04	4.26E-04	3.20E-04	3.23E-04	3.19E-04	3.21E-04
357.20	6368.85 Grid Location	6.86E-10	5.88E+00	4.07E+00	2.75E+00	3.18E-04	3.17E-04	3.44E-04	3.17E-04	3.44E-04	2.38E-05	3.18E-04	4.26E-04	3.44E-04	4.26E-04	3.19E-04	3.22E-04	3.18E-04	3.20E-04
357.25	6368.85 Grid Location	7.01E-10	6.00E+00	4.13E+00	2.79E+00	3.23E-04	3.21E-04	3.49E-04	3.22E-04	3.49E-04	2.42E-05	3.23E-04	4.32E-04	3.49E-04	4.32E-04	3.23E-04	3.26E-04	3.23E-04	3.25E-04
357.30	6368.85 Grid Location	7.15E-10	6.12E+00	4.19E+00	2.86E+00	3.30E-04	3.28E-04	3.56E-04	3.28E-04	3.56E-04	2.47E-05	3.30E-04	4.41E-04	3.56E-04	4.41E-04	3.30E-04	3.33E-04	3.29E-04	3.31E-04
357.35	6368.85 Grid Location	7.21E-10	6.17E+00	4.25E+00	2.88E+00	3.35E-04	3.34E-04	3.63E-04	3.34E-04	3.63E-04	2.58E-05	3.36E-04	4.52E-04	3.63E-04	4.52E-04	3.36E-04	3.39E-04	3.35E-04	3.37E-04
357.40	6368.85 Grid Location	7.24E-10	6.21E+00	4.36E+00	2.90E+00	3.43E-04	3.41E-04	3.73E-04	3.42E-04	3.73E-04	2.78E-05	3.43E-04	4.69E-04	3.73E-04	4.69E-04	3.44E-04	3.47E-04	3.43E-04	3.45E-04
357.45	6368.85 Grid Location	7.29E-10	6.28E+00	4.48E+00	2.97E+00	3.59E-04	3.57E-04	3.91E-04	3.57E-04	3.91E-04	3.05E-05	3.59E-04	4.96E-04	3.91E-04	4.96E-04	3.59E-04	3.63E-04	3.58E-04	3.61E-04
357.50	6368.85 Grid Location	7.43E-10	6.46E+00	4.65E+00	3.13E+00	3.95E-04	3.92E-04	4.32E-04	3.93E-04	4.32E-04	3.46E-05	3.95E-04	5.51E-04	4.32E-04	5.51E-04	3.95E-04	3.99E-04	3.94E-04	3.97E-04
357.55	6368.85 Grid Location	7.76E-10	6.80E+00	4.97E+00	3.36E+00	4.69E-04	4.65E-04	5.15E-04	4.66E-04	5.15E-04	4.35E-05	4.69E-04	6.65E-04	5.15E-04	6.65E-04	4.69E-04	4.74E-04	4.68E-04	4.71E-04
357.60	6368.85 Grid Location	8.41E-10	7.41E+00	5.54E+00	3.69E+00	6.02E-04	5.98E-04	6.67E-04	5.99E-04	6.67E-04	6.12E-05	6.03E-04	8.78E-04	6.67E-04	8.78E-04	6.03E-04	6.10E-04	6.01E-04	6.06E-04
357.65	6368.85 Grid Location	9.56E-10	8.41E+00	6.36E+00	4.18E+00	8.24E-04	8.17E-04	9.18E-04	8.19E-04	9.18E-04	8.86E-05	8.24E-04	1.22E-03	9.18E-04	1.22E-03	8.25E-04	8.35E-04	8.22E-04	8.29E-04
357.70	6368.85 Grid Location	1.10E-09	9.65E+00	7.22E+00	4.73E+00	1.12E-03	1.11E-03	1.25E-03	1.11E-03	1.25E-03	1.20E-04	1.12E-03	1.66E-03	1.25E-03	1.66E-03	1.12E-03	1.13E-03	1.12E-03	1.13E-03
357.75	6368.85 Grid Location	1.29E-09	1.11E+01	8.13E+00	5.35E+00	1.46E-03	1.45E-03	1.62E-03	1.46E-03	1.62E-03	1.50E-04	1.47E-03	2.14E-03	1.62E-03	2.14E-03	1.47E-03	1.48E-03	1.46E-03	1.47E-03
357.80	6368.85 Grid Location	1.48E-09	1.27E+01	9.04E+00	6.00E+00	1.82E-03	1.81E-03	2.01E-03	1.81E-03	2.01E-03	1.78E-04	1.82E-03	2.63E-03	2.01E-03	2.63E-03	1.82E-03	1.84E-03	1.82E-03	1.83E-03
357.85	6368.85 Grid Location	1.68E-09	1.43E+01	1.00E+01	6.69E+00	2.19E-03	2.17E-03	2.41E-03	2.18E-03	2.41E-03	2.09E-04	2.19E-03	3.13E-03	2.41E-03	3.13E-03	2.19E-03	2.22E-03	2.18E-03	2.20E-03
357.90	6368.85 Grid Location	1.87E-09	1.59E+01	1.08E+01	7.36E+00	2.56E-03	2.55E-03	2.82E-03	2.55E-03	2.82E-03	2.38E-04	2.56E-03	3.64E-03	2.82E-03	3.64E-03	2.57E-03	2.59E-03	2.56E-03	2.58E-03
357.95	6368.85 Grid Location	2.02E-09	1.72E+01	1.15E+01	7.91E+00	2.91E-03	2.89E-03	3.19E-03	2.89E-03	3.19E-03	2.62E-04	2.91E-03	4.09E-03	3.19E-03	4.09E-03	2.91E-03	2.94E-03	2.90E-03	2.93E-03
358.00	6368.85 Grid Location	2.14E-09	1.81E+01	1.19E+01	8.31E+00	3.23E-03	3.21E-03	3.53E-03	3.22E-03	3.53E-03	2.79E-04	3.23E-03	4.49E-03	3.53E-03	4.49E-03	3.24E-03	3.27E-03	3.23E-03	3.25E-03
356.50	6368.90 Grid Location	8.60E-10	7.31E+00	4.80E+00	3.37E+00	4.16E-04	4.14E-04	4.48E-04	4.15E-04	4.48E-04	2.98E-05	4.16E-04	5.51E-04	4.48E-04	5.51E-04	4.17E-04	4.20E-04	4.16E-04	4.18E-04
356.55	6368.90 Grid Location	8.68E-10	7.39E+00	4.87E+00	3.42E+00	4.15E-04	4.13E-04	4.47E-04	4.14E-04	4.47E-04	2.98E-05	4.15E-04	5.50E-04	4.47E-04	5.50E-04	4.16E-04	4.19E-04	4.15E-04	4.17E-04
356.60	6368.90 Grid Location	8.78E-10	7.48E+00	4.92E+00	3.48E+00	4.15E-04	4.13E-04	4.47E-04	4.13E-04	4.47E-04	3.01E-05	4.15E-04	5.51E-04	4.47E-04	5.51E-04	4.15E-04	4.19E-04	4.14E-04	4.17E-04
356.65	6368.90 Grid Location	8.89E-10	7.58E+00	4.95E+00	3.53E+00	4.17E-04	4.15E-04	4.49E-04	4.15E-04	4.49E-04	3.05E-05	4.17E-04	5.55E-04	4.49E-04	5.55E-04	4.17E-04	4.21E-04	4.16E-04	4.19E-04
356.70	6368.90 Grid Location	9.01E-10	7.68E+00	4.94E+00	3.58E+00	4.24E-04	4.22E-04	4.57E-04	4.22E-04	4.57E-04	3.11E-05	4.24E-04	5.65E-04	4.57E-04	5.65E-04	4.25E-04	4.28E-04	4.23E-04	4.26E-04
356.75	6368.90 Grid Location	9.14E-10	7.79E+00	4.95E+00	3.64E+00	4.39E-04	4.37E-04	4.73E-04	4.37E-04	4.73E-04	3.21E-05	4.39E-04	5.84E-04	4.73E-04	5.84E-04	4.39E-04	4.43E-04	4.38E-04	4.41E-04
356.80	6368.90 Grid Location	9.27E-10	7.91E+00	4.97E+00	3.71E+00	4.60E-04	4.58E-04	4.96E-04	4.58E-04	4.96E-04	3.30E-05	4.61E-04	6.09E-04	4.96E-04	6.09E-04	4.61E-04	4.65E-04	4.60E-04	4.63E-04

356.85	6368.90	Grid Location	9.29E-10	7.96E+00	4.95E+00	3.76E+00	4.78E-04	4.75E-04	5.13E-04	4.76E-04	5.13E-04	3.27E-05	4.78E-04	6.25E-04	5.13E-04	6.25E-04	4.78E-04	4.82E-04	4.77E-04	4.80E-04
356.90	6368.90	Grid Location	9.00E-10	7.74E+00	4.78E+00	3.71E+00	4.71E-04	4.69E-04	5.03E-04	4.69E-04	5.03E-04	3.03E-05	4.71E-04	6.08E-04	5.03E-04	6.08E-04	4.71E-04	4.75E-04	4.70E-04	4.73E-04
356.95	6368.90	Grid Location	8.30E-10	7.20E+00	4.49E+00	3.52E+00	4.29E-04	4.27E-04	4.58E-04	4.28E-04	4.58E-04	2.70E-05	4.29E-04	5.51E-04	4.58E-04	5.51E-04	4.30E-04	4.33E-04	4.29E-04	4.31E-04
357.00	6368.90	Grid Location	7.43E-10	6.50E+00	4.21E+00	3.24E+00	3.70E-04	3.68E-04	3.96E-04	3.68E-04	3.96E-04	2.46E-05	3.70E-04	4.81E-04	3.96E-04	4.81E-04	3.70E-04	3.73E-04	3.69E-04	3.71E-04
357.05	6368.90	Grid Location	6.76E-10	5.94E+00	4.01E+00	2.97E+00	3.21E-04	3.19E-04	3.46E-04	3.20E-04	3.46E-04	2.32E-05	3.21E-04	4.26E-04	3.46E-04	4.26E-04	3.21E-04	3.24E-04	3.20E-04	3.22E-04
357.10	6368.90	Grid Location	6.45E-10	5.64E+00	3.89E+00	2.78E+00	2.95E-04	2.93E-04	3.18E-04	2.93E-04	3.18E-04	2.22E-05	2.95E-04	3.95E-04	3.18E-04	3.95E-04	2.95E-04	2.98E-04	2.94E-04	2.96E-04
357.15	6368.90	Grid Location	6.37E-10	5.52E+00	3.86E+00	2.64E+00	2.84E-04	2.83E-04	3.07E-04	2.83E-04	3.07E-04	2.18E-05	2.84E-04	3.83E-04	3.07E-04	3.83E-04	2.84E-04	2.87E-04	2.84E-04	2.86E-04
357.20	6368.90	Grid Location	6.44E-10	5.51E+00	3.91E+00	2.56E+00	2.82E-04	2.81E-04	3.06E-04	2.81E-04	3.06E-04	2.21E-05	2.83E-04	3.82E-04	3.06E-04	3.82E-04	2.83E-04	2.85E-04	2.82E-04	2.84E-04
357.25	6368.90	Grid Location	6.60E-10	5.63E+00	3.99E+00	2.58E+00	2.87E-04	2.86E-04	3.11E-04	2.86E-04	3.11E-04	2.26E-05	2.87E-04	3.90E-04	3.11E-04	3.90E-04	2.88E-04	2.90E-04	2.87E-04	2.89E-04
357.30	6368.90	Grid Location	6.76E-10	5.77E+00	4.08E+00	2.66E+00	2.95E-04	2.93E-04	3.20E-04	2.94E-04	3.20E-04	2.34E-05	2.95E-04	4.00E-04	3.20E-04	4.00E-04	2.95E-04	2.98E-04	2.94E-04	2.96E-04
357.35	6368.90	Grid Location	6.86E-10	5.86E+00	4.20E+00	2.69E+00	3.02E-04	3.00E-04	3.28E-04	3.00E-04	3.28E-04	2.48E-05	3.02E-04	4.14E-04	3.28E-04	4.14E-04	3.02E-04	3.05E-04	3.01E-04	3.03E-04
357.40	6368.90	Grid Location	6.93E-10	5.93E+00	4.37E+00	2.74E+00	3.11E-04	3.09E-04	3.40E-04	3.09E-04	3.40E-04	2.74E-05	3.11E-04	4.34E-04	3.40E-04	4.34E-04	3.11E-04	3.14E-04	3.10E-04	3.13E-04
357.45	6368.90	Grid Location	7.05E-10	6.09E+00	4.56E+00	2.89E+00	3.29E-04	3.27E-04	3.62E-04	3.28E-04	3.62E-04	3.07E-05	3.29E-04	4.68E-04	3.62E-04	4.68E-04	3.30E-04	3.33E-04	3.29E-04	3.31E-04
357.50	6368.90	Grid Location	7.24E-10	6.36E+00	4.80E+00	3.14E+00	3.66E-04	3.64E-04	4.04E-04	3.64E-04	4.04E-04	3.58E-05	3.66E-04	5.28E-04	4.04E-04	5.28E-04	3.67E-04	3.71E-04	3.66E-04	3.69E-04
357.55	6368.90	Grid Location	7.64E-10	6.82E+00	5.26E+00	3.49E+00	4.41E-04	4.38E-04	4.91E-04	4.38E-04	4.91E-04	4.72E-05	4.41E-04	6.54E-04	4.91E-04	6.54E-04	4.42E-04	4.47E-04	4.40E-04	4.44E-04
357.60	6368.90	Grid Location	8.42E-10	7.57E+00	6.01E+00	3.94E+00	5.83E-04	5.78E-04	6.58E-04	5.79E-04	6.58E-04	7.06E-05	5.83E-04	9.02E-04	6.58E-04	9.02E-04	5.84E-04	5.93E-04	5.82E-04	5.88E-04
357.65	6368.90	Grid Location	9.74E-10	8.73E+00	6.99E+00	4.50E+00	8.27E-04	8.20E-04	9.38E-04	8.21E-04	9.38E-04	1.04E-04	8.28E-04	1.30E-03	9.38E-04	1.30E-03	8.29E-04	8.41E-04	8.25E-04	8.34E-04
357.70	6368.90	Grid Location	1.17E-09	1.03E+01	8.05E+00	5.19E+00	1.17E-03	1.16E-03	1.32E-03	1.16E-03	1.32E-03	1.37E-04	1.17E-03	1.79E-03	1.32E-03	1.79E-03	1.17E-03	1.19E-03	1.17E-03	1.18E-03
357.75	6368.90	Grid Location	1.38E-09	1.21E+01	9.04E+00	5.91E+00	1.54E-03	1.53E-03	1.71E-03	1.53E-03	1.71E-03	1.64E-04	1.54E-03	2.28E-03	1.71E-03	2.28E-03	1.54E-03	1.56E-03	1.54E-03	1.55E-03
357.80	6368.90	Grid Location	1.62E-09	1.40E+01	1.01E+01	6.67E+00	1.90E-03	1.89E-03	2.11E-03	1.89E-03	2.11E-03	1.93E-04	1.90E-03	2.77E-03	2.11E-03	2.77E-03	1.90E-03	1.93E-03	1.90E-03	1.91E-03
357.85	6368.90	Grid Location	1.87E-09	1.60E+01	1.13E+01	7.52E+00	2.28E-03	2.26E-03	2.52E-03	2.26E-03	2.52E-03	2.32E-04	2.28E-03	3.32E-03	2.52E-03	3.32E-03	2.28E-03	2.31E-03	2.27E-03	2.29E-03
357.90	6368.90	Grid Location	2.10E-09	1.79E+01	1.23E+01	8.30E+00	2.68E-03	2.66E-03	2.97E-03	2.66E-03	2.97E-03	2.72E-04	2.68E-03	3.91E-03	2.97E-03	3.91E-03	2.68E-03	2.72E-03	2.67E-03	2.70E-03
357.95	6368.90	Grid Location	2.29E-09	1.94E+01	1.30E+01	8.91E+00	3.11E-03	3.09E-03	3.44E-03	3.09E-03	3.44E-03	3.05E-04	3.11E-03	4.49E-03	3.44E-03	4.49E-03	3.12E-03	3.15E-03	3.11E-03	3.13E-03
358.00	6368.90	Grid Location	2.37E-09	2.00E+01	1.31E+01	9.08E+00	3.45E-03	3.43E-03	3.79E-03	3.43E-03	3.79E-03	3.14E-04	3.45E-03	4.87E-03	3.79E-03	4.87E-03	3.46E-03	3.49E-03	3.45E-03	3.47E-03
356.50	6368.95	Grid Location	8.83E-10	7.52E+00	4.99E+00	3.49E+00	4.01E-04	3.99E-04	4.32E-04	3.99E-04	4.32E-04	2.96E-05	4.01E-04	5.34E-04	4.32E-04	5.34E-04	4.01E-04	4.05E-04	4.00E-04	4.03E-04
356.55	6368.95	Grid Location	8.88E-10	7.58E+00	5.03E+00	3.53E+00	4.00E-04	3.98E-04	4.31E-04	3.98E-04	4.31E-04	2.96E-05	4.00E-04	5.33E-04	4.31E-04	5.33E-04	4.00E-04	4.04E-04	3.99E-04	4.01E-04
356.60	6368.95	Grid Location	8.97E-10	7.66E+00	5.06E+00	3.57E+00	4.00E-04	3.98E-04	4.31E-04	3.98E-04	4.31E-04	2.97E-05	4.00E-04	5.34E-04	4.31E-04	5.34E-04	4.00E-04	4.04E-04	3.99E-04	4.02E-04
356.65	6368.95	Grid Location	9.05E-10	7.73E+00	5.08E+00	3.62E+00	4.02E-04	4.00E-04	4.34E-04	4.00E-04	4.34E-04	3.01E-05	4.02E-04	5.38E-04	4.34E-04	5.38E-04	4.02E-04	4.06E-04	4.01E-04	4.04E-04
356.70	6368.95	Grid Location	9.13E-10	7.81E+00	5.08E+00	3.65E+00	4.08E-04	4.06E-04	4.41E-04	4.06E-04	4.41E-04	3.08E-05	4.08E-04	5.47E-04	4.41E-04	5.47E-04	4.08E-04	4.12E-04	4.07E-04	4.10E-04
356.75	6368.95	Grid Location	9.17E-10	7.84E+00	5.05E+00	3.68E+00	4.17E-04	4.15E-04	4.51E-04	4.15E-04	4.51E-04	3.15E-05	4.17E-04	5.59E-04	4.51E-04	5.59E-04	4.17E-04	4.21E-04	4.16E-04	4.19E-04
356.80	6368.95	Grid Location	9.15E-10	7.84E+00	4.99E+00	3.69E+00	4.29E-04	4.26E-04	4.62E-04	4.27E-04	4.62E-04	3.18E-05	4.29E-04	5.72E-04	4.62E-04	5.72E-04	4.29E-04	4.33E-04	4.28E-04	4.31E-04
356.85	6368.95	Grid Location	9.05E-10	7.77E+00	4.91E+00	3.70E+00	4.38E-04	4.35E-04	4.71E-04	4.36E-04	4.71E-04	3.15E-05	4.38E-04	5.80E-04	4.71E-04	5.80E-04	4.38E-04	4.42E-04	4.37E-04	4.40E-04
356.90	6368.95	Grid Location	8.67E-10	7.49E+00	4.73E+00	3.62E+00	4.28E-04	4.26E-04	4.60E-04	4.26E-04	4.60E-04	2.96E-05	4.28E-04	5.62E-04	4.60E-04	5.62E-04	4.29E-04	4.32E-04	4.27E-04	4.30E-04
356.95	6368.95	Grid Location	7.91E-10	6.91E+00	4.41E+00	3.42E+00	3.88E-04	3.86E-04	4.16E-04	3.86E-04	4.16E-04	2.62E-05	3.88E-04	5.06E-04	4.16E-04	5.06E-04	3.88E-04	3.91E-04	3.87E-04	3.90E-04
357.00	6368.95	Grid Location	6.93E-10	6.13E+00	4.05E+00	3.13E+00	3.26E-04	3.24E-04	3.50E-04	3.24E-04	3.50E-04	2.32E-05	3.26E-04	4.31E-04	3.50E-04	4.31E-04	3.26E-04	3.29E-04	3.25E-04	3.27E-04
357.05	6368.95	Grid Location	6.19E-10	5.52E+00	3.79E+00	2.84E+00	2.76E-04	2.74E-04	2.99E-04	2.74E-04	2.99E-04	2.15E-05	2.76E-04	3.73E-04	2.99E-04	3.73E-04	2.76E-04	2.79E-04	2.75E-04	2.77E-04
357.10	6368.95	Grid Location	5.83E-10	5.14E+00	3.61E+00	2.58E+00	2.52E-04	2.50E-04	2.73E-04	2.50E-04	2.73E-04	2.02E-05	2.52E-04	3.43E-04	2.73E-04	3.43E-04	2.52E-04	2.54E-04	2.51E-04	2.53E-04
357.15	6368.95	Grid Location	5.72E-10	4.95E+00	3.52E+00	2.36E+00	2.42E-04	2.41E-04	2.63E-04	2.41E-04	2.63E-04	1.94E-05	2.43E-04	3.30E-04	2.63E-04	3.30E-04	2.43E-04	2.45E-04	2.42E-04	2.44E-04
357.20	6368.95	Grid Location	5.74E-10	4.89E+00	3.55E+00	2.23E+00	2.40E-04	2.39E-04	2.61E-04	2.39E-04	2.61E-04	1.96E-05	2.40E-04	3.29E-04	2.61E-04	3.29E-04	2.41E-04	2.43E-04	2.40E-04	2.42E-04
357.25	6368.95	Grid Location	5.90E-10	4.99E+00	3.65E+00	2.21E+00	2.45E-04	2.44E-04	2.67E-04	2.44E-04	2.67E-04	2.03E-05	2.45E-04	3.37E-04	2.67E-04	3.37E-04	2.45E-04	2.48E-04	2.45E-04	2.46E-04
357.30	6368.95	Grid Location	6.12E-10	5.18E+00	3.77E+00	2.30E+00	2.55E-04	2.53E-04	2.77E-04	2.53E-04	2.77E-04	2.12E-05	2.55E-04	3.50E-04	2.77E-04	3.50E-04	2.55E-04	2.57E-04	2.54E-04	2.56E-04
357.35	6368.95	Grid Location	6.26E-10	5.30E+00	3.98E+00	2.35E+00	2.63E-04	2.61E-04	2.88E-04	2.62E-04	2.88E-04	2.33E-05	2.63E-04	3.68E-04	2.88E-04	3.68E-04	2.63E-04	2.66E-04	2.62E-04	2.64E-04
357.40	6368.95	Grid Location	6.38E-10	5.43E+00	4.28E+00	2.43E+00	2.73E-04	2.71E-04	3.02E-04	2.72E-04	3.02E-04	2.68E-05	2.73E-04	3.94E-04	3.02E-04	3.94E-04	2.74E-04	2.77E-04	2.73E-04	2.75E-04
357.45	6368.95	Grid Location	6.58E-10	5.69E+00	4.58E+00	2.66E+00	2.94E-04	2.91E-04	3.26E-04	2.92E-04	3.26E-04	3.10E-05	2.94E-04	4.33E-04	3.26E-04	4.33E-04	2.94E-04	2.98E-04	2.93E-04	2.96E-04
357.50	6368.95	Grid Location	6.87E-10	6.09E+00	4.92E+00	3.04E+00	3.31E-04	3.28E-04	3.70E-04	3.28E-04	3.70E-04	3.71E-05	3.31E-04	4.98E-04	3.70E-04	4.98E-04	3.31E-04	3.36E-04	3.30E-04	3.33E-04
357.55	6368.95	Grid Location	7.31E-10	6.66E+00	5.48E+00	3.55E+00	3.97E-04	3.93E-04	4.49E-04	3.94E-04	4.49E-04	4.96E-05	3.97E-04	6.21E-04	4.49E-04	6.21E-04	3.97E-04	4.03E-04	3.96E-04	4.00E-04
357.60	6368.95	Grid Location	8.12E-10	7.52E+00	6.33E+00	4.15E+00	5.18E-04	5.13E-04	5.98E-04	5.14E-04	5.98E-04	7.50E-05	5.18E-04	8.56E-04	5.98E-04	8.56E-04	5.19E-04	5.28E-04	5.16E-04	5.23E-04
357.65	6368.95	Grid Location	9.52E-10	8.76E+00	7.39E+00	4.76E+00	7.34E-04	7.26E-04	8.50E-04	7.27E-04	8.50E-04	1.09E-04	7.34E-04	1.22E-03	8.50E-04	1.22E-03	7.35E-04	7.48E-04	7.31E-04	7.41E-04
357.70	6368.95	Grid Location	1.17E-09	1.05E+01	8.58E+00	5.48E+00	1.08E-03	1.07E-03	1.23E-03	1.07E-03	1.23E-03	1.39E-04	1.08E-03	1.71E-03	1.23E-03	1.71E-03	1.08E-03	1.10E-03	1.08E-03	1.09E-03
357.75	6368.95	Grid Location	1.43E-09	1.26E+01	9.71E+00	6.24E+00	1.44E-03	1.43E-03	1.60E-03	1.43E-03	1.60E-03	1.58E-04	1.44E-03	2.15E-03	1.60E-03	2.15E-03	1.44E-03	1.46E-03	1.43E-03	1.45E-03
357.80	6368.95	Grid Location	1.71E-09	1.48E+01	1.09E+01	7.12E+00	1.77E-03	1.75E-03	1.96E-03	1.75E-03	1.96E-03	1.86E-04	1.77E-03	2.61E-03	1.96E-03	2.61E-03	1.77E-03	1.79E-03	1.76E-03	1.78E-03
357.85	6368.95	Grid Location	2.01E-09	1.72E+01	1.23E+01	8.07E+00	2.10E-03	2.08E-03	2.35E-03	2.09E-03	2.35E-03	2.30E-04	2.10E-03	3.14E-03	2.35E-03	3.14E-03	2.10E-03	2.13E-03	2.10E-03	2.11E-03
357.90	6368.95	Grid Location	2.26E-09	1.92E+01	1.33E+01	8.85E+00	2.48E-03	2.46E-03	2.78E-03	2.47E-03	2.78E-03	2.78E-04	2.49E-03	3.74E-03	2.78E-03	3.74E-03	2.49E-03	2.52E-03	2.48E-03	2.50E-03
357.95	6368.95	Grid Location	2.43E-09	2.06E+01	1.37E+01	9.34E+00	2.92E-03	2.90E-03	3.25E-03	2.90E-03	3.25E-03	3.13E-04	2.92E-03	4.33E-03	3.25E-03	4.33E-03	2.92E-03	2.96E-03	2.91E-03	2.94E-03
358.00	6368.95	Grid Location	2.47E-09	2.08E+01	1.34E+01	9.32E+00	3.26E-03	3.24E-03	3.59E-03	3.25E-03	3.59E-03	3.10E-04	3.26E-03	4.66E-03	3.59E-03	4.66E-03	3.27E-03	3.30E-03	3.26E-03	3.28E-03
356.50	6369.00	Grid Location	9.03E-10	7.70E+00	5.18E+00	3.58E+00	3.94E-04	3.92E-04	4.26E-04	3.92E-04	4.26E-04	3.05E-05	3.94E-04	5.31E-04	4.26E-04	5.31E-04	3.94E-04	3.98E-04	3.93E-04	3.96E-04
356.55	6369.00	Grid Location	9.05E-10	7.73E+00	5.20E+00	3.61E+00	3.92E-04	3.90E-04	4.24E-04	3.90E-04	4.24E-04	3.04E-05	3.92E-04	5.29E-04	4.24E-04	5.29E-04	3.92E-04	3.96E-04	3.91E-04	3.94E-04
356.60	6369.00	Grid Location	9.09E-10	7.78E+00	5.20E+00	3.65E+00	3.91E-04	3.89E-04	4.23E-04	3.89E-04	4.23E-04	3.03E-05	3.91E-04	5.28E-04	4.23E-04	5.28E-04	3.92E-04	3.95E-04	3.91E-04	3.93E-04
356.65	6369.00	Grid Location	9.13E-10	7.82E+00	5.19E+00	3.68E+00	3.92E-04	3.90E-04	4.24E-04	3.90E-04	4.24E-04	3.02E-05	3.92E-04	5.28E-04	4.24E-04	5.28E-04	3.92E-04	3.96E-04	3.91E-04	3.94E-04
356.70	6369.00	Grid Location	9.13E-10	7.83E+00	5.15E+00	3.69E+00	3.93E-04	3.91E-04	4.25E-04	3.92E-04	4.25E-04	3.02E-05	3.94E-04	5.30E-04	4.25E-04	5.30E-04	3.94E-04	3.97E-04	3.93E-04	3.95E-04
356.75	6369.00	Grid Location	9.05E-10	7.77E+00	5.07E+00	3.68E+00	3.94E-04	3.92E-04	4.26E-04	3.92E-04	4.26E-04	3.02E-05	3.94E-04	5.31E-04	4.26E-04	5.31E-04	3.95E-04	3.98E-04	3.94E-04	3.96E-04
356.80	6369.00	Grid Location	8.93E-10	7.68E+00	4.96E+00	3.66E+00	3.96E-04	3.94E-04	4.28E-04	3.94E-04	4.28E-04	3.01E-05	3.96E-04	5.32E-04	4.28E-04	5.32E-04	3.96E-04	4.00E-04	3.95E-04	3.98E-04
356.85	6369.00	Grid Location	8.62E-10	7.44E+00	4.79E+00	3.58E+00	3.90E-04	3.88E-04	4.21E-04	3.88E-04	4.21E-04	2.93E-05	3.90E-04	5.22E-04	4.21E-04	5.22E-04	3.90E-04	3.94E-04	3.89E-04	3.92E-04
356.90	6369.00	Grid Location	8.03E-10	7.00E+00	4.54E+00	3.43E+00	3.68E-04	3.66E-04	3.98E-04	3.67E-04	3.98E-04	2.74E-05	3.68E-04	4.92E-04	3.98E-04	4.92E-04	3.69E-04	3.72E-04	3.68E-04	3.70E-04
356.95	6369.00	Grid Location	7.14E-10	6.30E+00	4.17E+00	3.18E+00	3.24E-04	3.22E-04	3.50E-04	3.22E-04	3.50E-04	2.45E-05	3.24E-04	4.35E-04	3.50E-04	4.35E-04	3.24E-04	3.27E-04	3.23E-04	3.25E-04
357.00	6369.00	Grid Location	6.21E-10	5.56E+00	3.77E+00	2.90E+00	2.70E-04	2.69E-04	2.93E-04	2.69E-04	2.93E-04	2.17E-05	2.70E-04	3.68E-04	2.93E-04	3.68E-04	2.70E-04	2.73E-04	2.70E-04	2.71E-04
357.05	6369.00	Grid Location	5.60E-10	5.04E+00	3.47E+00	2.65E+00	2.36E-04	2.35E-04	2.57E-04	2.35E-04	2.57E-04	1.94E-05	2.36E-04	3.24E-04	2.57E-04	3.24E-04	2.36E-04	2.39E-04	2.36E-04	2.37E-04
357.10	6369.00	Grid Location	5.13E-10	4.56E+00	3.21E+00	2.32E+00	2.11E-04	2.10E-04	2.30E-04	2.10E-04	2.30E-04	1.77E-05	2.11E-04	2.91E-04	2.30E-04	2.91E-04	2.12E-04	2.14E-04	2.11E-04	2.12E-04
357.15	6369.00	Grid Location	4.94E-10	4.26E+00	3.05E+00	2.00E+00	2.00E-04	1.99E-04	2.18E-04	1.99E-04	2.18E-04	1.64E-05	2.00E-04	2.74E-04	2.18E-04	2.74E-04	2.01E-04	2.02E-04	2.00E-04	2.01E-04
357.20	6369.00	Grid Location	4.96E-10	4.18E+00	3.05E+00	1.85E+00	1.99E-04	1.98E-04	2.17E-04	1.98E-04	2.17E-04	1.63E-05	1.99E-04	2.73E-04	2.17E-04	2.73E-04	1.99E-04	2.01E-04	1.99E-04	2.00E-04
357.25	6369.00	Grid Location	5.05E-10	4.24E+00	3.14E+00	1.83E+00	2.02E-04	2.01E-04	2.20E-04	2.01E-04	2.20E-04	1.71E-05	2.02E-04	2.79E-04	2.20E-04	2.79E-04	2.02E-04	2.04E-04	2.02E-04	2.03E-04
357.30	6369.00	Grid Location	5.25E-10	4.41E+00	3.28E+00	1.91E+00	2.10E-04	2.09E-04	2.30E-04	2.09E-04	2.30E-04	1.81E-05	2.11E-04	2.92E-04	2.30E-04	2.92E-04	2.11E-04	2.13E-04	2.10E-04	2.12E-04
357.35	6369.00	Grid Location	5.42E-10	4.56E+00	3.56E+00	1.97E+00	2.19E-04	2.18E-04	2.41E-04	2.18E-04	2.41E-04	2.08E-05	2.19E-04	3.13E-04	2.41E-04	3.13E-04	2.19E-04	2.22E-04	2.19E-04	2.21E-04
357.40	6369.00	Grid Location	5.63E-10	4.76E+00	3.99E+00	2.07E+00	2.32E-04	2.30E-04	2.59E-04	2.30E-04	2.59E-04	2.54E-05	2.32E-04	3.46E-04	2.59E-04	3.46E-04	2.32E-04	2.35E-04	2.31E-04	2.33E-04
357.45	6369.00	Grid Location	6.00E-10	5.15E+00	4.46E+00	2.33E+00	2.57E-04	2.54E-04	2.89E-04	2.55E-04	2.89E-04	3.07E-05	2.57E-04	3.95E-04	2.89E-04	3.95E-04	2.57E-04	2.61E-04	2.56E-04	2.59E-04
357.50	6369.00	Grid Location	6.40E-10	5.69E+00	4.99E+00	2.81E+00	2.93E-04	2.90E-04	3.34E-04	2.91E-04	3.34E-04	3.84E-05	2.93E-04	4.66E-04	3.34E-04	4.66E-04	2.94E-04	2.98E-04	2.92E-04	2.96E-04
357.55	6369.00	Grid Location	6.81E-10	6.34E+00	5.69E+00	3.49E+00	3.45E-04	3.41E-04	4.00E-04	3.42E-04	4.00E-04	5.20E-05	3.45E-04	5.80E-04	4.00E-04	5.80E-04	3.46E-04	3.52E-04	3.44E-04	3.48E-04
357.60	6369.00	Grid Location	7.65E-10	7.28E+00	6.43E+00	4.21E+00	4.43E-04	4.38E-04	5.18E-04	4.38E-04	5.18E-04	7.07E-05	4.43E-04	7.61E-04	5.18E-04	7.61E-04	4.43E-04	4.52E-04	4.41E-04	4.47E-04
357.65	6369.00	Grid Location	9.04E-10	8.51E+00	7.33E+00	4.83E+00	6.04E-04	5.97E-04	7.04E-04	5.98E-04	7.04E-04	9.46E-05	6.04E-04	1.03E-03	7.04E-04	1.03E-03	6.05E-04	6.16E-04	6.02E-04	6.10E-04
357.70	6369.00	Grid Location	1.10E-09	1.00E+01	8.51E+00	5.40E+00	8.43E-04	8.35E-04	9.65E-04	8.36E-04	9.65E-04	1.15E-04	8.43E-04	1.36E-03	9.65E-04	1.36E-03	8.44E-04	8.58E-04	8.40E-04	8.50E-04
357.75	6369.00	Grid Location	1.37E-09	1.22E+01	9.85E+00	6.14E+00	1.15E-03	1.14E-03	1.29E-03	1.15E-03	1.29E-03	1.32E-04	1.15E-03	1.75E-03	1.29E-03	1.75E-03	1.15E-03	1.17E-03	1.15E-03	1.16E-03
357.80	6369.00	Grid Location	1.69E-09	1.47E+01	1.12E+01	7.06E+00	1.43E-03	1.41E-03	1.59E-03	1.42E-03	1.59E-03	1.56E-04	1.43E-03	2.13E-03	1.59E-03	2.13E-03	1.43E-03	1.45E-03	1.42E-03	1.43E-03
357.85	6369.00	Grid Location	2.01E-09	1.72E+01	1.24E+01	7.99E+00	1.69E-03	1.68E-03	1.89E-03	1.68E-03	1.89E-03	1.90E-04	1.69E-03	2.55E-03	1.89E-03	2.55E-03	1.69E-03	1.72E-03	1.69E-03	1.70E-03

357.90	6369.00 Grid Location	2.23E-09	1.89E+01	1.29E+01	8.62E+00	1.97E-03	1.96E-03	2.21E-03	1.96E-03	2.21E-03	2.26E-04	1.97E-03	2.99E-03	2.21E-03	2.99E-03	1.97E-03	2.00E-03	1.97E-03	1.99E-03
357.95	6369.00 Grid Location	2.35E-09	1.98E+01	1.30E+01	8.90E+00	2.29E-03	2.27E-03	2.55E-03	2.27E-03	2.55E-03	2.51E-04	2.29E-03	3.42E-03	2.55E-03	3.42E-03	2.29E-03	2.32E-03	2.28E-03	2.30E-03
358.00	6369.00 Grid Location	2.35E-09	1.97E+01	1.25E+01	8.77E+00	2.55E-03	2.53E-03	2.81E-03	2.54E-03	2.81E-03	2.46E-04	2.55E-03	3.66E-03	2.81E-03	3.66E-03	2.55E-03	2.58E-03	2.54E-03	2.57E-03
356.50	6369.05 Grid Location	9.23E-10	7.88E+00	5.37E+00	3.66E+00	3.94E-04	3.91E-04	4.27E-04	3.92E-04	4.27E-04	3.15E-05	3.94E-04	5.36E-04	4.27E-04	5.36E-04	3.94E-04	3.98E-04	3.93E-04	3.96E-04
356.55	6369.05 Grid Location	9.19E-10	7.87E+00	5.37E+00	3.68E+00	3.90E-04	3.87E-04	4.23E-04	3.88E-04	4.23E-04	3.15E-05	3.90E-04	5.32E-04	4.23E-04	5.32E-04	3.90E-04	3.94E-04	3.89E-04	3.92E-04
356.60	6369.05 Grid Location	9.17E-10	7.87E+00	5.34E+00	3.70E+00	3.87E-04	3.84E-04	4.20E-04	3.85E-04	4.20E-04	3.13E-05	3.87E-04	5.28E-04	4.20E-04	5.28E-04	3.87E-04	3.91E-04	3.86E-04	3.89E-04
356.65	6369.05 Grid Location	9.12E-10	7.83E+00	5.27E+00	3.70E+00	3.83E-04	3.81E-04	4.16E-04	3.82E-04	4.16E-04	3.07E-05	3.83E-04	5.22E-04	4.16E-04	5.22E-04	3.84E-04	3.87E-04	3.83E-04	3.85E-04
356.70	6369.05 Grid Location	9.02E-10	7.76E+00	5.17E+00	3.69E+00	3.80E-04	3.77E-04	4.11E-04	3.78E-04	4.11E-04	2.99E-05	3.80E-04	5.15E-04	4.11E-04	5.15E-04	3.80E-04	3.84E-04	3.79E-04	3.81E-04
356.75	6369.05 Grid Location	8.82E-10	7.61E+00	5.02E+00	3.63E+00	3.72E-04	3.70E-04	4.03E-04	3.71E-04	4.03E-04	2.90E-05	3.72E-04	5.03E-04	4.03E-04	5.03E-04	3.73E-04	3.76E-04	3.72E-04	3.74E-04
356.80	6369.05 Grid Location	8.50E-10	7.36E+00	4.83E+00	3.54E+00	3.61E-04	3.59E-04	3.91E-04	3.60E-04	3.91E-04	2.81E-05	3.61E-04	4.88E-04	3.91E-04	4.88E-04	3.62E-04	3.65E-04	3.61E-04	3.63E-04
356.85	6369.05 Grid Location	8.03E-10	7.00E+00	4.64E+00	3.42E+00	3.44E-04	3.42E-04	3.73E-04	3.42E-04	3.73E-04	2.74E-05	3.44E-04	4.68E-04	3.73E-04	4.68E-04	3.44E-04	3.48E-04	3.43E-04	3.46E-04
356.90	6369.05 Grid Location	7.31E-10	6.43E+00	4.34E+00	3.21E+00	3.13E-04	3.11E-04	3.41E-04	3.12E-04	3.41E-04	2.58E-05	3.13E-04	4.29E-04	3.41E-04	4.29E-04	3.13E-04	3.17E-04	3.13E-04	3.15E-04
356.95	6369.05 Grid Location	6.43E-10	5.73E+00	3.90E+00	2.94E+00	2.72E-04	2.70E-04	2.96E-04	2.70E-04	2.96E-04	2.29E-05	2.72E-04	3.75E-04	2.96E-04	3.75E-04	2.72E-04	2.75E-04	2.71E-04	2.73E-04
357.00	6369.05 Grid Location	5.67E-10	5.10E+00	3.45E+00	2.68E+00	2.36E-04	2.34E-04	2.57E-04	2.35E-04	2.57E-04	1.96E-05	2.36E-04	3.24E-04	2.57E-04	3.24E-04	2.36E-04	2.38E-04	2.35E-04	2.37E-04
357.05	6369.05 Grid Location	4.93E-10	4.45E+00	3.07E+00	2.35E+00	2.00E-04	1.98E-04	2.18E-04	1.99E-04	2.18E-04	1.72E-05	2.00E-04	2.77E-04	2.18E-04	2.77E-04	2.00E-04	2.02E-04	1.99E-04	2.01E-04
357.10	6369.05 Grid Location	4.45E-10	3.95E+00	2.78E+00	2.00E+00	1.76E-04	1.75E-04	1.92E-04	1.75E-04	1.92E-04	1.52E-05	1.76E-04	2.44E-04	1.92E-04	2.44E-04	1.76E-04	1.78E-04	1.75E-04	1.77E-04
357.15	6369.05 Grid Location	4.10E-10	3.53E+00	2.48E+00	1.64E+00	1.60E-04	1.59E-04	1.74E-04	1.59E-04	1.74E-04	1.30E-05	1.60E-04	2.18E-04	1.74E-04	2.18E-04	1.60E-04	1.62E-04	1.60E-04	1.61E-04
357.20	6369.05 Grid Location	3.82E-10	3.23E+00	2.32E+00	1.44E+00	1.49E-04	1.48E-04	1.61E-04	1.48E-04	1.61E-04	1.21E-05	1.49E-04	2.03E-04	1.61E-04	2.03E-04	1.49E-04	1.50E-04	1.48E-04	1.49E-04
357.25	6369.05 Grid Location	3.64E-10	3.06E+00	2.34E+00	1.32E+00	1.41E-04	1.40E-04	1.55E-04	1.40E-04	1.55E-04	1.27E-05	1.41E-04	1.98E-04	1.55E-04	1.98E-04	1.41E-04	1.43E-04	1.41E-04	1.42E-04
357.30	6369.05 Grid Location	3.69E-10	3.10E+00	2.45E+00	1.33E+00	1.43E-04	1.42E-04	1.58E-04	1.43E-04	1.58E-04	1.38E-05	1.43E-04	2.05E-04	1.58E-04	2.05E-04	1.44E-04	1.45E-04	1.43E-04	1.44E-04
357.35	6369.05 Grid Location	3.80E-10	3.21E+00	2.78E+00	1.38E+00	1.49E-04	1.48E-04	1.67E-04	1.48E-04	1.67E-04	1.70E-05	1.49E-04	2.26E-04	1.67E-04	2.26E-04	1.50E-04	1.52E-04	1.49E-04	1.50E-04
357.40	6369.05 Grid Location	4.08E-10	3.49E+00	3.41E+00	1.52E+00	1.64E-04	1.62E-04	1.89E-04	1.62E-04	1.89E-04	2.35E-05	1.64E-04	2.70E-04	1.89E-04	2.70E-04	1.64E-04	1.67E-04	1.63E-04	1.65E-04
357.45	6369.05 Grid Location	4.65E-10	4.05E+00	4.06E+00	1.85E+00	1.94E-04	1.92E-04	2.26E-04	1.92E-04	2.26E-04	3.01E-05	1.94E-04	3.30E-04	2.26E-04	3.30E-04	1.95E-04	1.98E-04	1.94E-04	1.96E-04
357.50	6369.05 Grid Location	5.42E-10	4.83E+00	4.82E+00	2.35E+00	2.40E-04	2.37E-04	2.82E-04	2.38E-04	2.82E-04	3.89E-05	2.40E-04	4.16E-04	2.82E-04	4.16E-04	2.41E-04	2.45E-04	2.39E-04	2.43E-04
357.55	6369.05 Grid Location	6.12E-10	5.72E+00	5.58E+00	3.13E+00	2.91E-04	2.88E-04	3.45E-04	2.88E-04	3.45E-04	5.00E-05	2.92E-04	5.17E-04	3.45E-04	5.17E-04	2.92E-04	2.98E-04	2.90E-04	2.95E-04
357.60	6369.05 Grid Location	6.96E-10	6.68E+00	6.20E+00	3.88E+00	3.65E-04	3.60E-04	4.29E-04	3.61E-04	4.29E-04	6.11E-05	3.65E-04	6.40E-04	4.29E-04	6.40E-04	3.65E-04	3.73E-04	3.63E-04	3.68E-04
357.65	6369.05 Grid Location	8.30E-10	7.85E+00	6.89E+00	4.46E+00	4.82E-04	4.77E-04	5.58E-04	4.78E-04	5.58E-04	7.20E-05	4.82E-04	8.07E-04	5.58E-04	8.07E-04	4.83E-04	4.91E-04	4.80E-04	4.86E-04
357.70	6369.05 Grid Location	9.80E-10	9.01E+00	7.81E+00	4.84E+00	6.15E-04	6.09E-04	7.05E-04	6.10E-04	7.05E-04	8.40E-05	6.16E-04	9.95E-04	7.05E-04	9.95E-04	6.16E-04	6.26E-04	6.13E-04	6.21E-04
357.75	6369.05 Grid Location	1.20E-09	1.07E+01	9.03E+00	5.38E+00	7.88E-04	7.81E-04	8.91E-04	7.82E-04	8.91E-04	9.69E-05	7.88E-04	1.23E-03	8.91E-04	1.23E-03	7.89E-04	8.01E-04	7.86E-04	7.94E-04
357.80	6369.05 Grid Location	1.50E-09	1.31E+01	1.02E+01	6.24E+00	9.97E-04	9.89E-04	1.11E-03	9.90E-04	1.11E-03	1.10E-04	9.97E-04	1.49E-03	1.11E-03	1.49E-03	9.98E-04	1.01E-03	9.94E-04	1.00E-03
357.85	6369.05 Grid Location	1.80E-09	1.54E+01	1.11E+01	7.15E+00	1.20E-03	1.19E-03	1.34E-03	1.20E-03	1.34E-03	1.27E-04	1.20E-03	1.78E-03	1.34E-03	1.78E-03	1.21E-03	1.22E-03	1.20E-03	1.21E-03
357.90	6369.05 Grid Location	1.99E-09	1.69E+01	1.14E+01	7.68E+00	1.38E-03	1.37E-03	1.53E-03	1.37E-03	1.53E-03	1.42E-04	1.38E-03	2.02E-03	1.53E-03	2.02E-03	1.38E-03	1.40E-03	1.38E-03	1.39E-03
357.95	6369.05 Grid Location	2.05E-09	1.73E+01	1.12E+01	7.78E+00	1.54E-03	1.53E-03	1.70E-03	1.53E-03	1.70E-03	1.54E-04	1.54E-03	2.23E-03	1.70E-03	2.23E-03	1.54E-03	1.56E-03	1.53E-03	1.55E-03
358.00	6369.05 Grid Location	2.03E-09	1.70E+01	1.07E+01	7.62E+00	1.67E-03	1.66E-03	1.84E-03	1.66E-03	1.84E-03	1.54E-04	1.67E-03	2.37E-03	1.84E-03	2.37E-03	1.68E-03	1.69E-03	1.67E-03	1.68E-03
356.50	6369.10 Grid Location	9.50E-10	8.12E+00	5.57E+00	3.78E+00	4.01E-04	3.98E-04	4.35E-04	3.99E-04	4.35E-04	3.26E-05	4.01E-04	5.48E-04	4.35E-04	5.48E-04	4.01E-04	4.05E-04	4.00E-04	4.03E-04
356.55	6369.10 Grid Location	9.41E-10	8.06E+00	5.55E+00	3.78E+00	3.94E-04	3.92E-04	4.29E-04	3.92E-04	4.29E-04	3.26E-05	3.94E-04	5.41E-04	4.29E-04	5.41E-04	3.94E-04	3.98E-04	3.93E-04	3.96E-04
356.60	6369.10 Grid Location	9.28E-10	7.97E+00	5.48E+00	3.76E+00	3.86E-04	3.84E-04	4.21E-04	3.84E-04	4.21E-04	3.22E-05	3.86E-04	5.32E-04	4.21E-04	5.32E-04	3.87E-04	3.91E-04	3.86E-04	3.88E-04
356.65	6369.10 Grid Location	9.11E-10	7.85E+00	5.36E+00	3.72E+00	3.78E-04	3.76E-04	4.11E-04	3.76E-04	4.11E-04	3.13E-05	3.78E-04	5.19E-04	4.11E-04	5.19E-04	3.78E-04	3.82E-04	3.77E-04	3.80E-04
356.70	6369.10 Grid Location	8.86E-10	7.65E+00	5.17E+00	3.66E+00	3.67E-04	3.65E-04	3.99E-04	3.65E-04	3.99E-04	2.99E-05	3.67E-04	5.02E-04	3.99E-04	5.02E-04	3.67E-04	3.71E-04	3.66E-04	3.69E-04
356.75	6369.10 Grid Location	8.51E-10	7.38E+00	4.94E+00	3.56E+00	3.52E-04	3.50E-04	3.82E-04	3.50E-04	3.82E-04	2.83E-05	3.52E-04	4.80E-04	3.82E-04	4.80E-04	3.52E-04	3.55E-04	3.51E-04	3.54E-04
356.80	6369.10 Grid Location	8.02E-10	6.99E+00	4.71E+00	3.42E+00	3.31E-04	3.29E-04	3.60E-04	3.30E-04	3.60E-04	2.71E-05	3.31E-04	4.53E-04	3.60E-04	4.53E-04	3.32E-04	3.35E-04	3.31E-04	3.33E-04
356.85	6369.10 Grid Location	7.38E-10	6.49E+00	4.46E+00	3.24E+00	3.04E-04	3.03E-04	3.32E-04	3.03E-04	3.32E-04	2.61E-05	3.04E-04	4.22E-04	3.32E-04	4.22E-04	3.05E-04	3.08E-04	3.04E-04	3.06E-04
356.90	6369.10 Grid Location	6.64E-10	5.91E+00	4.11E+00	3.01E+00	2.73E-04	2.71E-04	2.99E-04	2.72E-04	2.99E-04	2.44E-05	2.73E-04	3.83E-04	2.99E-04	3.83E-04	2.73E-04	2.76E-04	2.73E-04	2.75E-04
356.95	6369.10 Grid Location	5.94E-10	5.31E+00	3.63E+00	2.75E+00	2.44E-04	2.42E-04	2.66E-04	2.42E-04	2.66E-04	2.10E-05	2.44E-04	3.38E-04	2.66E-04	3.38E-04	2.44E-04	2.46E-04	2.43E-04	2.45E-04
357.00	6369.10 Grid Location	5.16E-10	4.63E+00	3.19E+00	2.41E+00	2.09E-04	2.08E-04	2.29E-04	2.08E-04	2.29E-04	1.82E-05	2.09E-04	2.92E-04	2.29E-04	2.92E-04	2.09E-04	2.12E-04	2.09E-04	2.10E-04
357.05	6369.10 Grid Location	4.48E-10	4.00E+00	2.80E+00	2.06E+00	1.78E-04	1.76E-04	1.94E-04	1.77E-04	1.94E-04	1.58E-05	1.78E-04	2.49E-04	1.94E-04	2.49E-04	1.78E-04	1.80E-04	1.77E-04	1.79E-04
357.10	6369.10 Grid Location	3.86E-10	3.41E+00	2.36E+00	1.69E+00	1.49E-04	1.48E-04	1.63E-04	1.48E-04	1.63E-04	1.28E-05	1.49E-04	2.07E-04	1.63E-04	2.07E-04	1.49E-04	1.51E-04	1.49E-04	1.50E-04
357.15	6369.10 Grid Location	3.14E-10	2.74E+00	1.87E+00	1.33E+00	1.19E-04	1.18E-04	1.29E-04	1.18E-04	1.29E-04	9.42E-06	1.19E-04	1.61E-04	1.29E-04	1.61E-04	1.19E-04	1.20E-04	1.19E-04	1.19E-04
357.20	6369.10 Grid Location	2.51E-10	2.15E+00	1.60E+00	9.87E-01	9.36E-05	9.30E-05	1.02E-04	9.31E-05	1.02E-04	8.27E-06	9.37E-05	1.31E-04	1.02E-04	1.31E-04	9.37E-05	9.47E-05	9.34E-05	9.42E-05
357.25	6369.10 Grid Location	2.09E-10	1.78E+00	1.58E+00	7.77E-01	7.70E-05	7.63E-05	8.66E-05	7.64E-05	8.66E-05	9.09E-06	7.70E-05	1.18E-04	8.66E-05	1.18E-04	7.71E-05	7.82E-05	7.68E-05	7.75E-05
357.30	6369.10 Grid Location	2.01E-10	1.71E+00	1.66E+00	7.41E-01	7.42E-05	7.35E-05	8.50E-05	7.36E-05	8.50E-05	1.01E-05	7.43E-05	1.20E-04	8.50E-05	1.20E-04	7.44E-05	7.56E-05	7.40E-05	7.49E-05
357.35	6369.10 Grid Location	2.08E-10	1.78E+00	1.91E+00	7.72E-01	7.76E-05	7.67E-05	9.11E-05	7.69E-05	9.11E-05	1.27E-05	7.76E-05	1.35E-04	9.11E-05	1.35E-04	7.78E-05	7.93E-05	7.73E-05	7.84E-05
357.40	6369.10 Grid Location	2.25E-10	1.97E+00	2.61E+00	8.75E-01	8.63E-05	8.49E-05	1.08E-04	8.51E-05	1.08E-04	2.03E-05	8.64E-05	1.78E-04	1.08E-04	1.78E-04	8.66E-05	8.90E-05	8.59E-05	8.76E-05
357.45	6369.10 Grid Location	2.80E-10	2.53E+00	3.43E+00	1.21E+00	1.13E-04	1.11E-04	1.44E-04	1.11E-04	1.44E-04	2.88E-05	1.13E-04	2.43E-04	1.44E-04	2.43E-04	1.13E-04	1.17E-04	1.12E-04	1.15E-04
357.50	6369.10 Grid Location	3.80E-10	3.50E+00	4.31E+00	1.76E+00	1.64E-04	1.61E-04	2.04E-04	1.62E-04	2.04E-04	3.78E-05	1.64E-04	3.34E-04	2.04E-04	3.34E-04	1.64E-04	1.69E-04	1.63E-04	1.66E-04
357.55	6369.10 Grid Location	4.84E-10	4.48E+00	4.92E+00	2.32E+00	2.20E-04	2.17E-04	2.66E-04	2.17E-04	2.66E-04	4.38E-05	2.20E-04	4.17E-04	2.66E-04	4.17E-04	2.20E-04	2.25E-04	2.19E-04	2.22E-04
357.60	6369.10 Grid Location	5.93E-10	5.52E+00	5.46E+00	2.95E+00	2.84E-04	2.81E-04	3.37E-04	2.82E-04	3.37E-04	4.95E-05	2.85E-04	5.08E-04	3.37E-04	5.08E-04	2.85E-04	2.91E-04	2.83E-04	2.88E-04
357.65	6369.10 Grid Location	7.08E-10	6.52E+00	6.03E+00	3.45E+00	3.60E-04	3.56E-04	4.19E-04	3.57E-04	4.19E-04	5.49E-05	3.60E-04	6.08E-04	4.19E-04	6.08E-04	3.61E-04	3.68E-04	3.59E-04	3.64E-04
357.70	6369.10 Grid Location	8.14E-10	7.37E+00	6.47E+00	3.79E+00	4.32E-04	4.28E-04	4.93E-04	4.28E-04	4.93E-04	5.77E-05	4.32E-04	6.92E-04	4.93E-04	6.92E-04	4.32E-04	4.39E-04	4.30E-04	4.35E-04
357.75	6369.10 Grid Location	9.63E-10	8.56E+00	7.20E+00	4.25E+00	5.16E-04	5.11E-04	5.83E-04	5.12E-04	5.83E-04	6.33E-05	5.16E-04	8.01E-04	5.83E-04	8.01E-04	5.17E-04	5.24E-04	5.14E-04	5.20E-04
357.80	6369.10 Grid Location	1.17E-09	1.02E+01	8.03E+00	4.90E+00	6.34E-04	6.29E-04	7.07E-04	6.30E-04	7.07E-04	6.91E-05	6.34E-04	9.45E-04	7.07E-04	9.45E-04	6.35E-04	6.43E-04	6.32E-04	6.38E-04
357.85	6369.10 Grid Location	1.42E-09	1.22E+01	8.86E+00	5.69E+00	7.81E-04	7.75E-04	8.62E-04	7.76E-04	8.62E-04	7.66E-05	7.81E-04	1.13E-03	8.62E-04	1.13E-03	7.82E-04	7.91E-04	7.79E-04	7.86E-04
357.90	6369.10 Grid Location	1.59E-09	1.35E+01	9.24E+00	6.20E+00	8.98E-04	8.92E-04	9.86E-04	8.93E-04	9.86E-04	8.30E-05	8.98E-04	1.27E-03	9.86E-04	1.27E-03	8.99E-04	9.09E-04	8.96E-04	9.03E-04
357.95	6369.10 Grid Location	1.65E-09	1.40E+01	9.19E+00	6.33E+00	9.74E-04	9.68E-04	1.07E-03	9.69E-04	1.07E-03	8.67E-05	9.75E-04	1.37E-03	1.07E-03	1.37E-03	9.75E-04	9.86E-04	9.72E-04	9.80E-04
358.00	6369.10 Grid Location	1.65E-09	1.39E+01	8.99E+00	6.24E+00	1.03E-03	1.03E-03	1.13E-03	1.03E-03	1.13E-03	8.84E-05	1.03E-03	1.43E-03	1.13E-03	1.43E-03	1.03E-03	1.04E-03	1.03E-03	1.04E-03
356.50	6369.15 Grid Location	9.91E-10	8.47E+00	5.84E+00	3.94E+00	4.16E-04	4.14E-04	4.52E-04	4.14E-04	4.52E-04	3.42E-05	4.16E-04	5.70E-04	4.52E-04	5.70E-04	4.17E-04	4.21E-04	4.15E-04	4.18E-04
356.55	6369.15 Grid Location	9.80E-10	8.40E+00	5.82E+00	3.94E+00	4.09E-04	4.06E-04	4.45E-04	4.07E-04	4.45E-04	3.42E-05	4.09E-04	5.63E-04	4.45E-04	5.63E-04	4.09E-04	4.13E-04	4.08E-04	4.11E-04
356.60	6369.15 Grid Location	9.55E-10	8.22E+00	5.69E+00	3.88E+00	3.96E-04	3.94E-04	4.32E-04	3.94E-04	4.32E-04	3.34E-05	3.96E-04	5.47E-04	4.32E-04	5.47E-04	3.97E-04	4.01E-04	3.96E-04	3.98E-04
356.65	6369.15 Grid Location	9.28E-10	8.00E+00	5.50E+00	3.81E+00	3.83E-04	3.81E-04	4.17E-04	3.81E-04	4.17E-04	3.21E-05	3.83E-04	5.28E-04	4.17E-04	5.28E-04	3.84E-04	3.87E-04	3.82E-04	3.85E-04
356.70	6369.15 Grid Location	8.86E-10	7.67E+00	5.23E+00	3.69E+00	3.64E-04	3.62E-04	3.96E-04	3.62E-04	3.96E-04	3.01E-05	3.64E-04	5.00E-04	3.96E-04	5.00E-04	3.65E-04	3.68E-04	3.63E-04	3.66E-04
356.75	6369.15 Grid Location	8.32E-10	7.24E+00	4.92E+00	3.53E+00	3.40E-04	3.38E-04	3.70E-04	3.38E-04	3.70E-04	2.82E-05	3.40E-04	4.67E-04	3.70E-04	4.67E-04	3.40E-04	3.44E-04	3.39E-04	3.42E-04
356.80	6369.15 Grid Location	7.65E-10	6.72E+00	4.64E+00	3.34E+00	3.11E-04	3.09E-04	3.40E-04	3.10E-04	3.40E-04	2.70E-05	3.11E-04	4.33E-04	3.40E-04	4.33E-04	3.11E-04	3.15E-04	3.11E-04	3.13E-04
356.85	6369.15 Grid Location	6.92E-10	6.15E+00	4.34E+00	3.13E+00	2.80E-04	2.79E-04	3.08E-04	2.79E-04	3.08E-04	2.58E-05	2.80E-04	3.97E-04	3.08E-04	3.97E-04	2.81E-04	2.84E-04	2.80E-04	2.82E-04
356.90	6369.15 Grid Location	6.24E-10	5.60E+00	3.90E+00	2.91E+00	2.53E-04	2.51E-04	2.77E-04	2.51E-04	2.77E-04	2.29E-05	2.53E-04	3.56E-04	2.77E-04	3.56E-04	2.53E-04	2.56E-04	2.52E-04	2.54E-04
356.95	6369.15 Grid Location	5.54E-10	4.99E+00	3.43E+00	2.61E+00	2.24E-04	2.22E-04	2.45E-04	2.23E-04	2.45E-04	1.98E-05	2.24E-04	3.13E-04	2.45E-04	3.13E-04	2.24E-04	2.26E-04	2.23E-04	2.25E-04
357.00	6369.15 Grid Location	4.77E-10	4.29E+00	3.10E+00	2.23E+00	1.91E-04	1.90E-04	2.11E-04	1.90E-04	2.11E-04	1.83E-05	1.91E-04	2.74E-04	2.11E-04	2.74E-04	1.91E-04	1.93E-04	1.91E-04	1.92E-04
357.05	6369.15 Grid Location	4.20E-10	3.74E+00	2.76E+00	1.88E+00	1.66E-04	1.65E-04	1.83E-04	1.65E-04	1.83E-04	1.63E-05	1.66E-04	2.40E-04	1.83E-04	2.40E-04	1.66E-04	1.68E-04	1.66E-04	1.67E-04
357.10	6369.15 Grid Location	3.44E-10	3.05E+00	2.28E+00	1.53E+00	1.33E-04	1.32E-04	1.47E-04	1.32E-04	1.47E-04	1.30E-05	1.33E-04	1.92E-04	1.47E-04	1.92E-04	1.33E-04	1.35E-04	1.33E-04	1.34E-04
357.15	6369.15 Grid Location	2.57E-10	2.26E+00	1.72E+00	1.11E+00	9.58E-05	9.52E-05	1.06E-04	9.53E-05	1.06E-04	9.39E-06	9.59E-05	1.38E-04	1.06E-04	1.38E-04	9.59E-05	9.71E-05	9.56E-05	9.64E-05
357.20	6369.15 Grid Location	1.82E-10	1.58E+00	1.35E+00	7.34E-01	6.53E-05	6.48E-05	7.32E-05	6.49E-05	7.32E-05	7.40E-06	6.54E-05	9.87E-05	7.32E-05	9.87E-05	6.54E-05	6.63E-05	6.52E-05	6.58E-05
357.25	6369.15 Grid Location	1.44E-10	1.24E+00	1.32E+00	5.50E-01	5.01E-05	4.95E-05	5.86E-05	4.96E-05	5.86E-05	8.03E-06	5.01E-05	8.63E-05	5.86E-05	8.63E-05	5.02E-05	5.12E-05	4.99E-05	5.06E-05
357.30	6369.15 Grid Location	1.36E-10	1.18E+00	1.44E+00	5.16E-01	4.79E-05	4.72E-05	5.79E-05	4.73E-05	5.79E-05	9.46E-06	4.79E-05	9.05E-05	5.79E-05	9.05E-05	4.80E-05	4.91E-05	4.76E-05	4.85E-05
357.35	6369.15 Grid Location	1.43E-10	1.26E+00	1.85E+00	5.44E-01	5.12E-05	5.03E-05	6.60E-05	5.04E-05	6.60E-05	1.39E-05	5.13E-05	1.14E-04	6.60E-05	1.14E-04	5.14E-05	5.31E-05	5.09E-05	5.21E-05

357.40	6369.15 Grid Location	1.55E-10	1.40E+00	2.57E+00	6.20E-01	5.76E-05	5.60E-05	8.12E-05	5.63E-05	8.12E-05	2.22E-05	5.77E-05	1.58E-04	8.12E-05	1.58E-04	5.79E-05	6.05E-05	5.71E-05	5.90E-05
357.45	6369.15 Grid Location	1.91E-10	1.78E+00	3.33E+00	8.32E-01	7.46E-05	7.24E-05	1.08E-04	7.28E-05	1.08E-04	3.16E-05	7.47E-05	2.17E-04	1.08E-04	2.17E-04	7.50E-05	7.88E-05	7.39E-05	7.66E-05
357.50	6369.15 Grid Location	2.64E-10	2.46E+00	3.84E+00	1.20E+00	1.09E-04	1.06E-04	1.48E-04	1.07E-04	1.48E-04	3.67E-05	1.09E-04	2.74E-04	1.48E-04	2.74E-04	1.09E-04	1.14E-04	1.08E-04	1.11E-04
357.55	6369.15 Grid Location	3.75E-10	3.43E+00	4.25E+00	1.68E+00	1.64E-04	1.62E-04	2.06E-04	1.62E-04	2.06E-04	3.89E-05	1.65E-04	3.40E-04	2.06E-04	3.40E-04	1.65E-04	1.70E-04	1.64E-04	1.67E-04
357.60	6369.15 Grid Location	4.91E-10	4.43E+00	4.54E+00	2.16E+00	2.24E-04	2.21E-04	2.65E-04	2.21E-04	2.65E-04	3.92E-05	2.24E-04	4.00E-04	2.65E-04	4.00E-04	2.24E-04	2.29E-04	2.23E-04	2.26E-04
357.65	6369.15 Grid Location	5.81E-10	5.22E+00	4.80E+00	2.59E+00	2.70E-04	2.67E-04	3.11E-04	2.67E-04	3.11E-04	3.88E-05	2.70E-04	4.45E-04	3.11E-04	4.45E-04	2.70E-04	2.75E-04	2.69E-04	2.72E-04
357.70	6369.15 Grid Location	6.52E-10	5.83E+00	5.02E+00	2.90E+00	3.07E-04	3.04E-04	3.49E-04	3.05E-04	3.49E-04	3.90E-05	3.07E-04	4.83E-04	3.49E-04	4.83E-04	3.07E-04	3.12E-04	3.06E-04	3.09E-04
357.75	6369.15 Grid Location	7.32E-10	6.49E+00	5.35E+00	3.20E+00	3.46E-04	3.44E-04	3.90E-04	3.44E-04	3.90E-04	4.08E-05	3.47E-04	5.30E-04	3.90E-04	5.30E-04	3.47E-04	3.52E-04	3.46E-04	3.49E-04
357.80	6369.15 Grid Location	8.58E-10	7.52E+00	6.03E+00	3.62E+00	4.07E-04	4.03E-04	4.56E-04	4.04E-04	4.56E-04	4.64E-05	4.07E-04	6.16E-04	4.56E-04	6.16E-04	4.07E-04	4.13E-04	4.05E-04	4.09E-04
357.85	6369.15 Grid Location	1.05E-09	9.12E+00	6.95E+00	4.29E+00	5.06E-04	5.03E-04	5.64E-04	5.03E-04	5.64E-04	5.37E-05	5.07E-04	7.49E-04	5.64E-04	7.49E-04	5.07E-04	5.14E-04	5.05E-04	5.10E-04
357.90	6369.15 Grid Location	1.22E-09	1.05E+01	7.55E+00	4.83E+00	6.01E-04	5.97E-04	6.64E-04	5.98E-04	6.64E-04	5.87E-05	6.01E-04	8.66E-04	6.64E-04	8.66E-04	6.02E-04	6.09E-04	6.00E-04	6.05E-04
357.95	6369.15 Grid Location	1.32E-09	1.12E+01	7.75E+00	5.11E+00	6.68E-04	6.63E-04	7.32E-04	6.64E-04	7.32E-04	6.05E-05	6.68E-04	9.41E-04	7.32E-04	9.41E-04	6.68E-04	6.76E-04	6.66E-04	6.71E-04
358.00	6369.15 Grid Location	1.34E-09	1.13E+01	7.63E+00	5.12E+00	6.99E-04	6.95E-04	7.63E-04	6.96E-04	7.63E-04	5.99E-05	7.00E-04	9.70E-04	7.63E-04	9.70E-04	7.00E-04	7.07E-04	6.98E-04	7.03E-04
356.50	6369.20 Grid Location	1.04E-09	8.84E+00	6.10E+00	4.10E+00	4.34E-04	4.32E-04	4.72E-04	4.32E-04	4.72E-04	3.56E-05	4.34E-04	5.95E-04	4.72E-04	5.95E-04	4.35E-04	4.39E-04	4.33E-04	4.36E-04
356.55	6369.20 Grid Location	1.03E-09	8.81E+00	6.12E+00	4.12E+00	4.29E-04	4.26E-04	4.67E-04	4.27E-04	4.67E-04	3.59E-05	4.29E-04	5.91E-04	4.67E-04	5.91E-04	4.29E-04	4.34E-04	4.28E-04	4.31E-04
356.60	6369.20 Grid Location	1.01E-09	8.68E+00	6.04E+00	4.09E+00	4.19E-04	4.17E-04	4.57E-04	4.17E-04	4.57E-04	3.55E-05	4.19E-04	5.79E-04	4.57E-04	5.79E-04	4.20E-04	4.24E-04	4.18E-04	4.21E-04
356.65	6369.20 Grid Location	9.72E-10	8.39E+00	5.80E+00	3.99E+00	4.02E-04	4.00E-04	4.38E-04	4.00E-04	4.38E-04	3.39E-05	4.02E-04	5.55E-04	4.38E-04	5.55E-04	4.03E-04	4.07E-04	4.02E-04	4.05E-04
356.70	6369.20 Grid Location	9.16E-10	7.94E+00	5.44E+00	3.83E+00	3.77E-04	3.75E-04	4.10E-04	3.75E-04	4.10E-04	3.14E-05	3.77E-04	5.18E-04	4.10E-04	5.18E-04	3.77E-04	3.81E-04	3.76E-04	3.79E-04
356.75	6369.20 Grid Location	8.46E-10	7.39E+00	5.07E+00	3.62E+00	3.46E-04	3.44E-04	3.77E-04	3.44E-04	3.77E-04	2.92E-05	3.46E-04	4.77E-04	3.77E-04	4.77E-04	3.46E-04	3.49E-04	3.45E-04	3.47E-04
356.80	6369.20 Grid Location	7.65E-10	6.75E+00	4.75E+00	3.39E+00	3.10E-04	3.08E-04	3.40E-04	3.09E-04	3.40E-04	2.80E-05	3.10E-04	4.37E-04	3.40E-04	4.37E-04	3.11E-04	3.14E-04	3.10E-04	3.12E-04
356.85	6369.20 Grid Location	6.85E-10	6.13E+00	4.38E+00	3.17E+00	2.77E-04	2.75E-04	3.05E-04	2.75E-04	3.05E-04	2.62E-05	2.77E-04	3.95E-04	3.05E-04	3.95E-04	2.77E-04	2.80E-04	2.76E-04	2.78E-04
356.90	6369.20 Grid Location	6.16E-10	5.57E+00	3.84E+00	2.94E+00	2.49E-04	2.47E-04	2.72E-04	2.47E-04	2.72E-04	2.24E-05	2.49E-04	3.50E-04	2.72E-04	3.50E-04	2.49E-04	2.52E-04	2.48E-04	2.50E-04
356.95	6369.20 Grid Location	5.24E-10	4.77E+00	3.37E+00	2.56E+00	2.10E-04	2.08E-04	2.31E-04	2.09E-04	2.31E-04	1.98E-05	2.10E-04	2.99E-04	2.31E-04	2.99E-04	2.10E-04	2.12E-04	2.09E-04	2.11E-04
357.00	6369.20 Grid Location	4.56E-10	4.14E+00	3.09E+00	2.19E+00	1.81E-04	1.80E-04	2.01E-04	1.80E-04	2.01E-04	1.87E-05	1.81E-04	2.65E-04	2.01E-04	2.65E-04	1.81E-04	1.84E-04	1.81E-04	1.82E-04
357.05	6369.20 Grid Location	3.90E-10	3.52E+00	2.92E+00	1.81E+00	1.54E-04	1.52E-04	1.73E-04	1.53E-04	1.73E-04	1.85E-05	1.54E-04	2.37E-04	1.73E-04	2.37E-04	1.54E-04	1.56E-04	1.53E-04	1.55E-04
357.10	6369.20 Grid Location	3.16E-10	2.86E+00	2.62E+00	1.47E+00	1.23E-04	1.22E-04	1.41E-04	1.22E-04	1.41E-04	1.72E-05	1.23E-04	2.01E-04	1.41E-04	2.01E-04	1.23E-04	1.25E-04	1.22E-04	1.24E-04
357.15	6369.20 Grid Location	2.48E-10	2.19E+00	1.92E+00	1.07E+00	9.36E-05	9.27E-05	1.06E-04	9.29E-05	1.06E-04	1.16E-05	9.36E-05	1.46E-04	1.06E-04	1.46E-04	9.37E-05	9.51E-05	9.33E-05	9.43E-05
357.20	6369.20 Grid Location	1.81E-10	1.55E+00	1.16E+00	7.08E-01	6.48E-05	6.44E-05	7.08E-05	6.44E-05	7.08E-05	5.62E-06	6.48E-05	9.01E-05	7.08E-05	9.01E-05	6.48E-05	6.55E-05	6.46E-05	6.51E-05
357.25	6369.20 Grid Location	1.17E-10	1.00E+00	8.90E-01	4.56E-01	3.88E-05	3.84E-05	4.36E-05	3.85E-05	4.36E-05	4.59E-06	3.88E-05	5.95E-05	4.36E-05	5.95E-05	3.88E-05	3.94E-05	3.87E-05	3.91E-05
357.30	6369.20 Grid Location	9.09E-11	8.00E-01	9.57E-01	3.64E-01	2.94E-05	2.89E-05	3.56E-05	2.90E-05	3.56E-05	5.90E-06	2.94E-05	5.60E-05	3.56E-05	5.60E-05	2.94E-05	3.01E-05	2.92E-05	2.97E-05
357.35	6369.20 Grid Location	9.10E-11	8.41E-01	1.82E+00	3.73E-01	3.05E-05	2.94E-05	4.69E-05	2.96E-05	4.69E-05	1.55E-05	3.06E-05	1.00E-04	4.69E-05	1.00E-04	3.07E-05	3.26E-05	3.02E-05	3.15E-05
357.40	6369.20 Grid Location	1.05E-10	1.02E+00	3.13E+00	4.39E-01	3.78E-05	3.55E-05	7.21E-05	3.59E-05	7.21E-05	3.22E-05	3.79E-05	1.83E-04	7.21E-05	1.83E-04	3.82E-05	4.21E-05	3.71E-05	3.98E-05
357.45	6369.20 Grid Location	1.57E-10	1.48E+00	3.57E+00	6.40E-01	6.08E-05	5.81E-05	1.01E-04	5.86E-05	1.01E-04	3.76E-05	6.09E-05	2.30E-04	1.01E-04	2.30E-04	6.12E-05	6.57E-05	5.99E-05	6.31E-05
357.50	6369.20 Grid Location	2.43E-10	2.21E+00	3.46E+00	1.00E+00	1.01E-04	9.86E-05	1.37E-04	9.90E-05	1.37E-04	3.40E-05	1.01E-04	2.54E-04	1.37E-04	2.54E-04	1.01E-04	1.06E-04	1.00E-04	1.03E-04
357.55	6369.20 Grid Location	3.10E-10	2.80E+00	3.36E+00	1.33E+00	1.34E-04	1.32E-04	1.66E-04	1.33E-04	1.66E-04	2.97E-05	1.35E-04	2.69E-04	1.66E-04	2.69E-04	1.35E-04	1.38E-04	1.34E-04	1.36E-04
357.60	6369.20 Grid Location	3.83E-10	3.42E+00	3.44E+00	1.64E+00	1.69E-04	1.67E-04	1.98E-04	1.67E-04	1.98E-04	2.75E-05	1.69E-04	2.93E-04	1.98E-04	2.93E-04	1.69E-04	1.73E-04	1.68E-04	1.71E-04
357.65	6369.20 Grid Location	4.51E-10	4.02E+00	3.66E+00	1.96E+00	1.99E-04	1.97E-04	2.28E-04	1.97E-04	2.28E-04	2.77E-05	1.99E-04	3.24E-04	2.28E-04	3.24E-04	1.99E-04	2.03E-04	1.98E-04	2.01E-04
357.70	6369.20 Grid Location	5.05E-10	4.51E+00	3.99E+00	2.22E+00	2.21E-04	2.19E-04	2.53E-04	2.19E-04	2.53E-04	3.01E-05	2.21E-04	3.57E-04	2.53E-04	3.57E-04	2.22E-04	2.25E-04	2.21E-04	2.23E-04
357.75	6369.20 Grid Location	5.56E-10	4.95E+00	4.26E+00	2.44E+00	2.43E-04	2.41E-04	2.77E-04	2.41E-04	2.77E-04	3.23E-05	2.43E-04	3.89E-04	2.77E-04	3.89E-04	2.43E-04	2.47E-04	2.42E-04	2.45E-04
357.80	6369.20 Grid Location	6.51E-10	5.73E+00	4.80E+00	2.78E+00	2.87E-04	2.85E-04	3.26E-04	2.85E-04	3.26E-04	3.66E-05	2.87E-04	4.53E-04	3.26E-04	4.53E-04	2.88E-04	2.92E-04	2.86E-04	2.90E-04
357.85	6369.20 Grid Location	7.91E-10	6.89E+00	5.57E+00	3.27E+00	3.55E-04	3.52E-04	4.00E-04	3.53E-04	4.00E-04	4.26E-05	3.55E-04	5.47E-04	4.00E-04	5.47E-04	3.56E-04	3.61E-04	3.54E-04	3.58E-04
357.90	6369.20 Grid Location	9.46E-10	8.15E+00	6.18E+00	3.80E+00	4.35E-04	4.31E-04	4.84E-04	4.32E-04	4.84E-04	4.62E-05	4.35E-04	6.43E-04	4.84E-04	6.43E-04	4.35E-04	4.41E-04	4.34E-04	4.38E-04
357.95	6369.20 Grid Location	1.07E-09	9.10E+00	6.51E+00	4.19E+00	5.01E-04	4.98E-04	5.51E-04	4.98E-04	5.51E-04	4.73E-05	5.01E-04	7.14E-04	5.51E-04	7.14E-04	5.02E-04	5.07E-04	5.00E-04	5.04E-04
358.00	6369.20 Grid Location	1.11E-09	9.40E+00	6.48E+00	4.29E+00	5.30E-04	5.27E-04	5.79E-04	5.28E-04	5.79E-04	4.60E-05	5.31E-04	7.38E-04	5.79E-04	7.38E-04	5.31E-04	5.37E-04	5.29E-04	5.33E-04
356.50	6369.25 Grid Location	1.09E-09	9.31E+00	6.44E+00	4.29E+00	4.57E-04	4.55E-04	4.97E-04	4.55E-04	4.97E-04	3.73E-05	4.58E-04	6.26E-04	4.97E-04	6.26E-04	4.58E-04	4.62E-04	4.57E-04	4.60E-04
356.55	6369.25 Grid Location	1.09E-09	9.29E+00	6.47E+00	4.32E+00	4.53E-04	4.51E-04	4.93E-04	4.51E-04	4.93E-04	3.77E-05	4.53E-04	6.23E-04	4.93E-04	6.23E-04	4.54E-04	4.58E-04	4.52E-04	4.56E-04
356.60	6369.25 Grid Location	1.07E-09	9.19E+00	6.41E+00	4.30E+00	4.46E-04	4.43E-04	4.85E-04	4.43E-04	4.85E-04	3.75E-05	4.46E-04	6.15E-04	4.85E-04	6.15E-04	4.46E-04	4.51E-04	4.45E-04	4.48E-04
356.65	6369.25 Grid Location	1.04E-09	8.94E+00	6.21E+00	4.22E+00	4.31E-04	4.28E-04	4.69E-04	4.29E-04	4.69E-04	3.62E-05	4.31E-04	5.94E-04	4.69E-04	5.94E-04	4.31E-04	4.36E-04	4.30E-04	4.33E-04
356.70	6369.25 Grid Location	9.81E-10	8.49E+00	5.86E+00	4.06E+00	4.05E-04	4.03E-04	4.41E-04	4.03E-04	4.41E-04	3.39E-05	4.05E-04	5.58E-04	4.41E-04	5.58E-04	4.06E-04	4.10E-04	4.04E-04	4.07E-04
356.75	6369.25 Grid Location	9.00E-10	7.85E+00	5.45E+00	3.82E+00	3.69E-04	3.67E-04	4.03E-04	3.67E-04	4.03E-04	3.16E-05	3.69E-04	5.12E-04	4.03E-04	5.12E-04	3.70E-04	3.73E-04	3.68E-04	3.71E-04
356.80	6369.25 Grid Location	8.07E-10	7.12E+00	5.10E+00	3.55E+00	3.29E-04	3.27E-04	3.61E-04	3.27E-04	3.61E-04	3.04E-05	3.29E-04	4.66E-04	3.61E-04	4.66E-04	3.29E-04	3.33E-04	3.28E-04	3.31E-04
356.85	6369.25 Grid Location	7.20E-10	6.44E+00	4.64E+00	3.30E+00	2.93E-04	2.91E-04	3.22E-04	2.91E-04	3.22E-04	2.79E-05	2.93E-04	4.19E-04	3.22E-04	4.19E-04	2.93E-04	2.96E-04	2.92E-04	2.94E-04
356.90	6369.25 Grid Location	6.41E-10	5.79E+00	4.03E+00	3.04E+00	2.60E-04	2.58E-04	2.85E-04	2.58E-04	2.85E-04	2.37E-05	2.60E-04	3.67E-04	2.85E-04	3.67E-04	2.60E-04	2.63E-04	2.59E-04	2.61E-04
356.95	6369.25 Grid Location	5.34E-10	4.88E+00	3.57E+00	2.62E+00	2.14E-04	2.13E-04	2.37E-04	2.13E-04	2.37E-04	2.15E-05	2.14E-04	3.11E-04	2.37E-04	3.11E-04	2.14E-04	2.17E-04	2.14E-04	2.15E-04
357.00	6369.25 Grid Location	4.58E-10	4.18E+00	3.28E+00	2.22E+00	1.82E-04	1.81E-04	2.04E-04	1.81E-04	2.04E-04	2.04E-05	1.82E-04	2.74E-04	2.04E-04	2.74E-04	1.82E-04	1.85E-04	1.82E-04	1.83E-04
357.05	6369.25 Grid Location	3.74E-10	3.42E+00	3.14E+00	1.79E+00	1.47E-04	1.46E-04	1.70E-04	1.46E-04	1.70E-04	2.09E-05	1.47E-04	2.42E-04	1.70E-04	2.42E-04	1.48E-04	1.50E-04	1.47E-04	1.49E-04
357.10	6369.25 Grid Location	2.97E-10	2.74E+00	2.82E+00	1.44E+00	1.16E-04	1.14E-04	1.36E-04	1.14E-04	1.36E-04	1.94E-05	1.16E-04	2.03E-04	1.36E-04	2.03E-04	1.16E-04	1.18E-04	1.15E-04	1.17E-04
357.15	6369.25 Grid Location	2.49E-10	2.21E+00	2.01E+00	1.09E+00	9.48E-05	9.39E-05	1.08E-04	9.40E-05	1.08E-04	1.26E-05	9.48E-05	1.52E-04	1.08E-04	1.52E-04	9.49E-05	9.64E-05	9.45E-05	9.56E-05
357.20	6369.25 Grid Location	1.67E-10	1.43E+00	9.35E-01	6.67E-01	5.98E-05	5.95E-05	6.40E-05	5.95E-05	6.40E-05	3.93E-06	5.98E-05	7.75E-05	6.40E-05	7.75E-05	5.98E-05	6.03E-05	5.97E-05	6.00E-05
357.25	6369.25 Grid Location	8.93E-11	7.73E-01	5.65E-01	3.66E-01	2.86E-05	2.84E-05	3.10E-05	2.84E-05	3.10E-05	2.31E-06	2.86E-05	3.90E-05	3.10E-05	3.90E-05	2.86E-05	2.89E-05	2.85E-05	2.87E-05
357.30	6369.25 Grid Location	5.62E-11	5.06E-01	5.69E-01	2.48E-01	1.64E-05	1.61E-05	1.96E-05	1.62E-05	1.96E-05	3.08E-06	1.64E-05	3.02E-05	1.96E-05	3.02E-05	1.64E-05	1.68E-05	1.63E-05	1.65E-05
357.35	6369.25 Grid Location	5.29E-11	5.10E-01	1.26E+00	2.42E-01	1.59E-05	1.51E-05	2.82E-05	1.52E-05	2.82E-05	1.15E-05	1.60E-05	6.80E-05	2.82E-05	6.80E-05	1.61E-05	1.74E-05	1.57E-05	1.67E-05
357.40	6369.25 Grid Location	6.19E-11	6.52E-01	2.65E+00	2.86E-01	2.09E-05	1.88E-05	5.24E-05	1.92E-05	5.24E-05	2.97E-05	2.10E-05	1.55E-04	5.24E-05	1.55E-04	2.13E-05	2.48E-05	2.02E-05	2.28E-05
357.45	6369.25 Grid Location	1.05E-10	1.02E+00	2.63E+00	4.64E-01	3.86E-05	3.67E-05	6.75E-05	3.70E-05	6.75E-05	2.72E-05	3.87E-05	1.61E-04	6.75E-05	1.61E-04	3.90E-05	4.22E-05	3.80E-05	4.04E-05
357.50	6369.25 Grid Location	1.76E-10	1.62E+00	2.48E+00	7.71E-01	7.09E-05	6.92E-05	9.57E-05	6.95E-05	9.57E-05	2.34E-05	7.09E-05	1.76E-04	9.57E-05	1.76E-04	7.11E-05	7.39E-05	7.03E-05	7.23E-05
357.55	6369.25 Grid Location	2.31E-10	2.11E+00	2.54E+00	1.04E+00	9.70E-05	9.54E-05	1.21E-04	9.57E-05	1.21E-04	2.25E-05	9.71E-05	1.99E-04	1.21E-04	1.99E-04	9.73E-05	1.00E-04	9.65E-05	9.84E-05
357.60	6369.25 Grid Location	2.62E-10	2.40E+00	2.64E+00	1.21E+00	1.10E-04	1.09E-04	1.34E-04	1.09E-04	1.34E-04	2.24E-05	1.10E-04	2.11E-04	1.34E-04	2.11E-04	1.11E-04	1.13E-04	1.10E-04	1.12E-04
357.65	6369.25 Grid Location	3.19E-10	2.90E+00	2.88E+00	1.47E+00	1.34E-04	1.33E-04	1.59E-04	1.33E-04	1.59E-04	2.33E-05	1.34E-04	2.39E-04	1.59E-04	2.39E-04	1.35E-04	1.37E-04	1.34E-04	1.36E-04
357.70	6369.25 Grid Location	3.82E-10	3.46E+00	3.27E+00	1.75E+00	1.61E-04	1.59E-04	1.88E-04	1.59E-04	1.88E-04	2.58E-05	1.61E-04	2.77E-04	1.88E-04	2.77E-04	1.61E-04	1.64E-04	1.60E-04	1.62E-04
357.75	6369.25 Grid Location	4.38E-10	3.94E+00	3.57E+00	1.98E+00	1.85E-04	1.84E-04	2.15E-04	1.84E-04	2.15E-04	2.77E-05	1.86E-04	3.11E-04	2.15E-04	3.11E-04	1.86E-04	1.89E-04	1.85E-04	1.87E-04
357.80	6369.25 Grid Location	5.22E-10	4.64E+00	3.99E+00	2.28E+00	2.25E-04	2.23E-04	2.57E-04	2.23E-04	2.57E-04	3.04E-05	2.25E-04	3.62E-04	2.57E-04	3.62E-04	2.25E-04	2.29E-04	2.24E-04	2.27E-04
357.85	6369.25 Grid Location	6.26E-10	5.49E+00	4.56E+00	2.64E+00	2.74E-04	2.72E-04	3.11E-04	2.72E-04	3.11E-04	3.43E-05	2.75E-04	4.29E-04	3.11E-04	4.29E-04	2.75E-04	2.79E-04	2.74E-04	2.77E-04
357.90	6369.25 Grid Location	7.47E-10	6.47E+00	5.05E+00	3.05E+00	3.32E-04	3.30E-04	3.71E-04	3.30E-04	3.71E-04	3.67E-05	3.32E-04	4.98E-04	3.71E-04	4.98E-04	3.33E-04	3.37E-04	3.32E-04	3.35E-04
357.95	6369.25 Grid Location	8.48E-10	7.28E+00	5.33E+00	3.38E+00	3.83E-04	3.80E-04	4.23E-04	3.81E-04	4.23E-04	3.74E-05	3.83E-04	5.51E-04	4.23E-04	5.51E-04	3.83E-04	3.88E-04	3.82E-04	3.85E-04
358.00	6369.25 Grid Location	9.09E-10	7.75E+00	5.45E+00	3.56E+00	4.15E-04	4.12E-04	4.54E-04	4.13E-04	4.54E-04	3.71E-05	4.15E-04	5.82E-04	4.54E-04	5.82E-04	4.15E-04	4.20E-04	4.14E-04	4.17E-04
356.50	6369.30 Grid Location	1.16E-09	9.86E+00	6.83E+00	4.50E+00	4.86E-04	4.83E-04	5.28E-04	4.84E-04	5.28E-04	3.94E-05	4.86E-04	6.63E-04	5.28E-04	6.63E-04	4.86E-04	4.91E-04	4.85E-04	4.88E-04
356.55	6369.30 Grid Location	1.16E-09	9.86E+00	6.87E+00	4.53E+00	4.83E-04	4.80E-04	5.25E-04	4.80E-04	5.25E-04	3.98E-05	4.83E-04	6.62E-04	5.25E-04	6.62E-04	4.83E-04	4.88E-04	4.82E-04	4.85E-04
356.60	6369.30 Grid Location	1.14E-09	9.76E+00	6.82E+00	4.51E+00	4.76E-04	4.73E-04	5.18E-04	4.73E-04	5.18E-04	3.96E-05	4.76E-04	6.54E-04	5.18E-04	6.54E-04	4.76E-04	4.81E-04	4.75E-04	4.78E-04
356.65	6369.30 Grid Location	1.11E-09	9.53E+00	6.65E+00	4.43E+00	4.62E-04	4.59E-04	5.03E-04	4.60E-04	5.03E-04	3.85E-05	4.62E-04	6.36E-04	5.03E-04	6.36E-04	4.63E-04	4.67E-04	4.61E-04	4.64E-04
356.70	6369.30 Grid Location	1.06E-09	9.13E+00	6.35E+00	4.29E+00	4.39E-04	4.37E-04	4.78E-04	4.37E-04	4.78E-04	3.66E-05	4.39E-04	6.04E-04	4.78E-04	6.04E-04	4.40E-04	4.44E-04	4.38E-04	4.42E-04
356.75	6369.30 Grid Location	9.74E-10	8.43E+00	5.92E+00	4.02E+00	4.00E-04	3.98E-04	4.37E-04	3.98E-04	4.37E-04	3.43E-05	4.00E-04	5.55E-04	4.37E-04	5.55E-04	4.01E-04	4.05E-04	3.99E-04	4.02E-04
356.80	6369.30 Grid Location	8.72E-10	7.63E+00	5.53E+00	3.72E+00	3.56E-04	3.54E-04	3.91E-04	3.54E-04	3.91E-04	3.29E-05	3.56E-04	5.05E-04	3.91E-04	5.05E-04	3.57E-04	3.60E-04	3.55E-04	3.58E-04
356.85	6369.30 Grid Location	7.78E-10	6.88E+00	5.00E+00	3.43E+00	3.17E-04	3.15E-04	3.49E-04	3.15E-04	3.49E-04	3.00E-05	3.17E-04	4.52E-04	3.49E-04	4.52E-04	3.17E-04	3.21E-04	3.16E-04	3.19E-04

356.90	6369.30 Grid Location	6.90E-10	6.16E+00	4.39E+00	3.14E+00	2.81E-04	2.79E-04	3.08E-04	2.79E-04	3.08E-04	2.60E-05	2.81E-04	3.98E-04	3.08E-04	3.98E-04	2.81E-04	2.84E-04	2.80E-04	2.82E-04
356.95	6369.30 Grid Location	5.81E-10	5.25E+00	4.00E+00	2.72E+00	2.35E-04	2.33E-04	2.61E-04	2.33E-04	2.61E-04	2.46E-05	2.35E-04	3.46E-04	2.61E-04	3.46E-04	2.35E-04	2.38E-04	2.34E-04	2.36E-04
357.00	6369.30 Grid Location	4.97E-10	4.49E+00	3.75E+00	2.31E+00	2.00E-04	1.98E-04	2.25E-04	1.98E-04	2.25E-04	2.42E-05	2.00E-04	3.09E-04	2.25E-04	3.09E-04	2.00E-04	2.03E-04	1.99E-04	2.01E-04
357.05	6369.30 Grid Location	3.93E-10	3.57E+00	3.61E+00	1.81E+00	1.57E-04	1.55E-04	1.83E-04	1.55E-04	1.83E-04	2.51E-05	1.57E-04	2.70E-04	1.83E-04	2.70E-04	1.57E-04	1.60E-04	1.56E-04	1.58E-04
357.10	6369.30 Grid Location	3.14E-10	2.86E+00	3.19E+00	1.45E+00	1.23E-04	1.21E-04	1.47E-04	1.22E-04	1.47E-04	2.26E-05	1.23E-04	2.25E-04	1.47E-04	2.25E-04	1.23E-04	1.26E-04	1.22E-04	1.24E-04
357.15	6369.30 Grid Location	2.48E-10	2.20E+00	1.78E+00	1.09E+00	9.42E-05	9.35E-05	1.05E-04	9.36E-05	1.05E-04	1.03E-05	9.43E-05	1.41E-04	1.05E-04	1.41E-04	9.44E-05	9.56E-05	9.40E-05	9.49E-05
357.20	6369.30 Grid Location	1.40E-10	1.23E+00	7.90E-01	6.03E-01	4.96E-05	4.93E-05	5.31E-05	4.94E-05	5.31E-05	3.33E-06	4.96E-05	6.46E-05	5.31E-05	6.46E-05	4.96E-05	5.00E-05	4.95E-05	4.98E-05
357.25	6369.30 Grid Location	6.30E-11	5.66E-01	4.01E-01	2.95E-01	1.92E-05	1.91E-05	2.08E-05	1.91E-05	2.08E-05	1.51E-06	1.92E-05	2.60E-05	2.08E-05	2.60E-05	1.92E-05	1.94E-05	1.92E-05	1.93E-05
357.30	6369.30 Grid Location	4.21E-11	3.90E-01	3.94E-01	2.08E-01	1.15E-05	1.13E-05	1.35E-05	1.14E-05	1.35E-05	1.91E-06	1.15E-05	2.01E-05	1.35E-05	2.01E-05	1.15E-05	1.17E-05	1.14E-05	1.16E-05
357.35	6369.30 Grid Location	4.13E-11	3.92E-01	6.27E-01	2.04E-01	1.14E-05	1.10E-05	1.62E-05	1.11E-05	1.62E-05	4.53E-06	1.14E-05	3.18E-05	1.62E-05	3.18E-05	1.14E-05	1.20E-05	1.13E-05	1.16E-05
357.40	6369.30 Grid Location	4.31E-11	4.50E-01	1.47E+00	2.24E-01	1.29E-05	1.18E-05	3.04E-05	1.20E-05	3.04E-05	1.64E-05	1.30E-05	8.69E-05	3.04E-05	8.69E-05	1.31E-05	1.51E-05	1.26E-05	1.40E-05
357.45	6369.30 Grid Location	5.81E-11	6.08E-01	1.90E+00	3.05E-01	1.92E-05	1.77E-05	4.24E-05	1.80E-05	4.24E-05	2.18E-05	1.93E-05	1.17E-04	4.24E-05	1.17E-04	1.95E-05	2.21E-05	1.87E-05	2.06E-05
357.50	6369.30 Grid Location	9.87E-11	9.70E-01	1.97E+00	4.99E-01	3.64E-05	3.49E-05	5.92E-05	3.51E-05	5.92E-05	2.15E-05	3.65E-05	1.33E-04	5.92E-05	1.33E-04	3.67E-05	3.92E-05	3.59E-05	3.78E-05
357.55	6369.30 Grid Location	1.47E-10	1.40E+00	2.02E+00	7.28E-01	5.85E-05	5.71E-05	8.02E-05	5.73E-05	8.02E-05	2.04E-05	5.86E-05	1.51E-04	8.02E-05	1.51E-04	5.88E-05	6.12E-05	5.80E-05	5.98E-05
357.60	6369.30 Grid Location	1.80E-10	1.70E+00	2.15E+00	9.01E-01	7.38E-05	7.23E-05	9.55E-05	7.26E-05	9.55E-05	2.04E-05	7.38E-05	1.66E-04	9.55E-05	1.66E-04	7.40E-05	7.65E-05	7.33E-05	7.51E-05
357.65	6369.30 Grid Location	2.36E-10	2.20E+00	2.42E+00	1.17E+00	9.94E-05	9.79E-05	1.22E-04	9.82E-05	1.22E-04	2.17E-05	9.95E-05	1.97E-04	1.22E-04	1.97E-04	9.97E-05	1.02E-04	9.89E-05	1.01E-04
357.70	6369.30 Grid Location	2.95E-10	2.72E+00	2.77E+00	1.43E+00	1.26E-04	1.24E-04	1.51E-04	1.24E-04	1.51E-04	2.37E-05	1.26E-04	2.32E-04	1.51E-04	2.32E-04	1.26E-04	1.29E-04	1.25E-04	1.27E-04
357.75	6369.30 Grid Location	3.53E-10	3.23E+00	3.08E+00	1.67E+00	1.52E-04	1.51E-04	1.79E-04	1.51E-04	1.79E-04	2.54E-05	1.52E-04	2.67E-04	1.79E-04	2.67E-04	1.53E-04	1.56E-04	1.52E-04	1.54E-04
357.80	6369.30 Grid Location	4.27E-10	3.83E+00	3.43E+00	1.93E+00	1.87E-04	1.85E-04	2.16E-04	1.85E-04	2.16E-04	2.74E-05	1.87E-04	3.10E-04	2.16E-04	3.10E-04	1.87E-04	1.90E-04	1.86E-04	1.88E-04
357.85	6369.30 Grid Location	5.12E-10	4.53E+00	3.90E+00	2.22E+00	2.27E-04	2.25E-04	2.59E-04	2.25E-04	2.59E-04	3.04E-05	2.27E-04	3.64E-04	2.59E-04	3.64E-04	2.27E-04	2.31E-04	2.26E-04	2.29E-04
357.90	6369.30 Grid Location	6.04E-10	5.28E+00	4.27E+00	2.53E+00	2.69E-04	2.67E-04	3.03E-04	2.67E-04	3.03E-04	3.20E-05	2.69E-04	4.14E-04	3.03E-04	4.14E-04	2.70E-04	2.73E-04	2.68E-04	2.71E-04
357.95	6369.30 Grid Location	6.96E-10	6.01E+00	4.54E+00	2.82E+00	3.12E-04	3.10E-04	3.47E-04	3.10E-04	3.47E-04	3.26E-05	3.12E-04	4.59E-04	3.47E-04	4.59E-04	3.12E-04	3.16E-04	3.11E-04	3.14E-04
358.00	6369.30 Grid Location	7.64E-10	6.54E+00	4.71E+00	3.03E+00	3.45E-04	3.42E-04	3.80E-04	3.43E-04	3.80E-04	3.27E-05	3.45E-04	4.93E-04	3.80E-04	4.93E-04	3.45E-04	3.49E-04	3.44E-04	3.47E-04
356.50	6369.35 Grid Location	1.23E-09	1.04E+01	7.18E+00	4.70E+00	5.15E-04	5.12E-04	5.58E-04	5.12E-04	5.58E-04	4.09E-05	5.15E-04	6.99E-04	5.58E-04	6.99E-04	5.15E-04	5.20E-04	5.14E-04	5.17E-04
356.55	6369.35 Grid Location	1.22E-09	1.04E+01	7.19E+00	4.71E+00	5.10E-04	5.07E-04	5.54E-04	5.07E-04	5.54E-04	4.11E-05	5.10E-04	6.95E-04	5.54E-04	6.95E-04	5.10E-04	5.15E-04	5.09E-04	5.12E-04
356.60	6369.35 Grid Location	1.20E-09	1.02E+01	7.08E+00	4.66E+00	4.99E-04	4.96E-04	5.42E-04	4.97E-04	5.42E-04	4.05E-05	4.99E-04	6.82E-04	5.42E-04	6.82E-04	4.99E-04	5.04E-04	4.98E-04	5.02E-04
356.65	6369.35 Grid Location	1.17E-09	9.95E+00	6.89E+00	4.56E+00	4.84E-04	4.81E-04	5.25E-04	4.81E-04	5.25E-04	3.93E-05	4.84E-04	6.61E-04	5.25E-04	6.61E-04	4.84E-04	4.89E-04	4.83E-04	4.86E-04
356.70	6369.35 Grid Location	1.12E-09	9.58E+00	6.62E+00	4.43E+00	4.62E-04	4.60E-04	5.02E-04	4.60E-04	5.02E-04	3.76E-05	4.63E-04	6.32E-04	5.02E-04	6.32E-04	4.63E-04	4.67E-04	4.62E-04	4.65E-04
356.75	6369.35 Grid Location	1.04E-09	8.95E+00	6.25E+00	4.19E+00	4.27E-04	4.24E-04	4.65E-04	4.25E-04	4.65E-04	3.57E-05	4.27E-04	5.88E-04	4.65E-04	5.88E-04	4.27E-04	4.32E-04	4.26E-04	4.29E-04
356.80	6369.35 Grid Location	9.33E-10	8.09E+00	5.83E+00	3.85E+00	3.80E-04	3.78E-04	4.17E-04	3.78E-04	4.17E-04	3.41E-05	3.80E-04	5.34E-04	4.17E-04	5.34E-04	3.81E-04	3.85E-04	3.80E-04	3.83E-04
356.85	6369.35 Grid Location	8.31E-10	7.27E+00	5.24E+00	3.53E+00	3.38E-04	3.36E-04	3.70E-04	3.36E-04	3.70E-04	3.08E-05	3.38E-04	4.77E-04	3.70E-04	4.77E-04	3.38E-04	3.42E-04	3.37E-04	3.40E-04
356.90	6369.35 Grid Location	7.39E-10	6.51E+00	4.63E+00	3.23E+00	3.00E-04	2.98E-04	3.28E-04	2.98E-04	3.28E-04	2.69E-05	3.00E-04	4.21E-04	3.28E-04	4.21E-04	3.00E-04	3.03E-04	2.99E-04	3.01E-04
356.95	6369.35 Grid Location	6.32E-10	5.63E+00	4.26E+00	2.83E+00	2.55E-04	2.53E-04	2.82E-04	2.53E-04	2.82E-04	2.57E-05	2.55E-04	3.71E-04	2.82E-04	3.71E-04	2.55E-04	2.58E-04	2.54E-04	2.56E-04
357.00	6369.35 Grid Location	5.48E-10	4.89E+00	4.03E+00	2.44E+00	2.20E-04	2.18E-04	2.47E-04	2.18E-04	2.47E-04	2.54E-05	2.20E-04	3.34E-04	2.47E-04	3.34E-04	2.20E-04	2.23E-04	2.19E-04	2.21E-04
357.05	6369.35 Grid Location	4.38E-10	3.93E+00	3.87E+00	1.95E+00	1.75E-04	1.73E-04	2.03E-04	1.73E-04	2.03E-04	2.62E-05	1.75E-04	2.93E-04	2.03E-04	2.93E-04	1.75E-04	1.78E-04	1.74E-04	1.76E-04
357.10	6369.35 Grid Location	3.56E-10	3.20E+00	3.46E+00	1.58E+00	1.40E-04	1.38E-04	1.65E-04	1.39E-04	1.65E-04	2.38E-05	1.40E-04	2.48E-04	1.65E-04	2.48E-04	1.40E-04	1.43E-04	1.40E-04	1.42E-04
357.15	6369.35 Grid Location	2.78E-10	2.49E+00	1.99E+00	1.26E+00	1.07E-04	1.06E-04	1.19E-04	1.06E-04	1.19E-04	1.14E-05	1.07E-04	1.58E-04	1.19E-04	1.58E-04	1.07E-04	1.08E-04	1.06E-04	1.07E-04
357.20	6369.35 Grid Location	1.45E-10	1.32E+00	8.38E-01	7.18E-01	5.19E-05	5.17E-05	5.59E-05	5.17E-05	5.59E-05	3.72E-06	5.19E-05	6.87E-05	5.59E-05	6.87E-05	5.20E-05	5.24E-05	5.18E-05	5.22E-05
357.25	6369.35 Grid Location	5.45E-11	5.27E-01	3.68E-01	3.20E-01	1.63E-05	1.62E-05	1.78E-05	1.62E-05	1.78E-05	1.45E-06	1.63E-05	2.28E-05	1.78E-05	2.28E-05	1.63E-05	1.65E-05	1.62E-05	1.64E-05
357.30	6369.35 Grid Location	3.84E-11	3.76E-01	3.41E-01	2.28E-01	1.02E-05	1.01E-05	1.18E-05	1.01E-05	1.18E-05	1.55E-06	1.02E-05	1.72E-05	1.18E-05	1.72E-05	1.02E-05	1.04E-05	1.02E-05	1.03E-05
357.35	6369.35 Grid Location	3.91E-11	3.83E-01	5.61E-01	2.18E-01	1.07E-05	1.03E-05	1.64E-05	1.03E-05	1.64E-05	5.40E-06	1.07E-05	3.50E-05	1.64E-05	3.50E-05	1.07E-05	1.14E-05	1.05E-05	1.10E-05
357.40	6369.35 Grid Location	3.89E-11	4.30E-01	1.55E+00	2.33E-01	1.23E-05	1.05E-05	3.86E-05	1.08E-05	3.86E-05	2.48E-05	1.23E-05	1.24E-04	3.86E-05	1.24E-04	1.26E-05	1.55E-05	1.17E-05	1.38E-05
357.45	6369.35 Grid Location	4.33E-11	5.09E-01	1.91E+00	2.93E-01	1.43E-05	1.23E-05	4.52E-05	1.26E-05	4.52E-05	2.90E-05	1.44E-05	1.45E-04	4.52E-05	1.45E-04	1.47E-05	1.82E-05	1.36E-05	1.62E-05
357.50	6369.35 Grid Location	6.87E-11	7.49E-01	1.93E+00	4.39E-01	2.58E-05	2.39E-05	5.45E-05	2.42E-05	5.45E-05	2.70E-05	2.59E-05	1.48E-04	5.45E-05	1.48E-04	2.62E-05	2.94E-05	2.52E-05	2.75E-05
357.55	6369.35 Grid Location	1.13E-10	1.12E+00	1.92E+00	6.16E-01	4.84E-05	4.67E-05	7.40E-05	4.70E-05	7.40E-05	2.40E-05	4.85E-05	1.57E-04	7.40E-05	1.57E-04	4.87E-05	5.16E-05	4.79E-05	4.99E-05
357.60	6369.35 Grid Location	1.44E-10	1.40E+00	1.97E+00	7.75E-01	6.63E-05	6.48E-05	9.01E-05	6.50E-05	9.01E-05	2.23E-05	6.64E-05	1.67E-04	9.01E-05	1.67E-04	6.66E-05	6.93E-05	6.58E-05	6.77E-05
357.65	6369.35 Grid Location	1.91E-10	1.82E+00	2.18E+00	1.00E+00	8.97E-05	8.81E-05	1.14E-04	8.84E-05	1.14E-04	2.27E-05	8.98E-05	1.92E-04	1.14E-04	1.92E-04	9.00E-05	9.27E-05	8.92E-05	9.11E-05
357.70	6369.35 Grid Location	2.41E-10	2.26E+00	2.46E+00	1.22E+00	1.13E-04	1.11E-04	1.38E-04	1.12E-04	1.38E-04	2.38E-05	1.13E-04	2.21E-04	1.38E-04	2.21E-04	1.13E-04	1.16E-04	1.12E-04	1.14E-04
357.75	6369.35 Grid Location	2.93E-10	2.71E+00	2.72E+00	1.44E+00	1.37E-04	1.36E-04	1.64E-04	1.36E-04	1.64E-04	2.49E-05	1.37E-04	2.50E-04	1.64E-04	2.50E-04	1.38E-04	1.41E-04	1.37E-04	1.39E-04
357.80	6369.35 Grid Location	3.60E-10	3.26E+00	3.03E+00	1.67E+00	1.69E-04	1.67E-04	1.97E-04	1.67E-04	1.97E-04	2.63E-05	1.69E-04	2.87E-04	1.97E-04	2.87E-04	1.69E-04	1.72E-04	1.68E-04	1.71E-04
357.85	6369.35 Grid Location	4.31E-10	3.85E+00	3.41E+00	1.92E+00	2.02E-04	2.00E-04	2.33E-04	2.01E-04	2.33E-04	2.85E-05	2.02E-04	3.31E-04	2.33E-04	3.31E-04	2.03E-04	2.06E-04	2.02E-04	2.04E-04
357.90	6369.35 Grid Location	5.14E-10	4.52E+00	3.75E+00	2.20E+00	2.40E-04	2.38E-04	2.71E-04	2.38E-04	2.71E-04	2.98E-05	2.40E-04	3.74E-04	2.71E-04	3.74E-04	2.40E-04	2.44E-04	2.39E-04	2.42E-04
357.95	6369.35 Grid Location	5.96E-10	5.17E+00	3.99E+00	2.47E+00	2.76E-04	2.74E-04	3.08E-04	2.75E-04	3.08E-04	3.00E-05	2.77E-04	4.12E-04	3.08E-04	4.12E-04	2.77E-04	2.80E-04	2.76E-04	2.78E-04
358.00	6369.35 Grid Location	6.59E-10	5.67E+00	4.14E+00	2.66E+00	3.06E-04	3.04E-04	3.37E-04	3.04E-04	3.37E-04	2.98E-05	3.06E-04	4.40E-04	3.37E-04	4.40E-04	3.06E-04	3.10E-04	3.05E-04	3.08E-04
356.50	6369.40 Grid Location	1.24E-09	1.05E+01	7.13E+00	4.70E+00	5.15E-04	5.13E-04	5.58E-04	5.13E-04	5.58E-04	3.98E-05	5.16E-04	6.95E-04	5.58E-04	6.95E-04	5.16E-04	5.21E-04	5.15E-04	5.18E-04
356.55	6369.40 Grid Location	1.23E-09	1.04E+01	7.10E+00	4.69E+00	5.09E-04	5.06E-04	5.51E-04	5.07E-04	5.51E-04	3.96E-05	5.09E-04	6.88E-04	5.51E-04	6.88E-04	5.09E-04	5.14E-04	5.08E-04	5.11E-04
356.60	6369.40 Grid Location	1.20E-09	1.02E+01	6.96E+00	4.62E+00	4.96E-04	4.93E-04	5.37E-04	4.93E-04	5.37E-04	3.88E-05	4.96E-04	6.71E-04	5.37E-04	6.71E-04	4.96E-04	5.01E-04	4.95E-04	4.98E-04
356.65	6369.40 Grid Location	1.17E-09	9.93E+00	6.76E+00	4.52E+00	4.80E-04	4.78E-04	5.20E-04	4.78E-04	5.20E-04	3.75E-05	4.80E-04	6.50E-04	5.20E-04	6.50E-04	4.81E-04	4.85E-04	4.79E-04	4.83E-04
356.70	6369.40 Grid Location	1.12E-09	9.53E+00	6.46E+00	4.38E+00	4.58E-04	4.55E-04	4.96E-04	4.56E-04	4.96E-04	3.56E-05	4.58E-04	6.18E-04	4.96E-04	6.18E-04	4.58E-04	4.62E-04	4.57E-04	4.60E-04
356.75	6369.40 Grid Location	1.04E-09	8.94E+00	6.10E+00	4.15E+00	4.24E-04	4.22E-04	4.60E-04	4.22E-04	4.60E-04	3.37E-05	4.25E-04	5.77E-04	4.60E-04	5.77E-04	4.25E-04	4.29E-04	4.24E-04	4.27E-04
356.80	6369.40 Grid Location	9.39E-10	8.10E+00	5.67E+00	3.81E+00	3.79E-04	3.77E-04	4.13E-04	3.77E-04	4.13E-04	3.20E-05	3.79E-04	5.23E-04	4.13E-04	5.23E-04	3.79E-04	3.83E-04	3.78E-04	3.81E-04
356.85	6369.40 Grid Location	8.35E-10	7.26E+00	5.10E+00	3.48E+00	3.35E-04	3.33E-04	3.66E-04	3.34E-04	3.66E-04	2.88E-05	3.35E-04	4.65E-04	3.66E-04	4.65E-04	3.36E-04	3.39E-04	3.35E-04	3.37E-04
356.90	6369.40 Grid Location	7.45E-10	6.52E+00	4.48E+00	3.19E+00	2.98E-04	2.96E-04	3.24E-04	2.97E-04	3.24E-04	2.48E-05	2.98E-04	4.10E-04	3.24E-04	4.10E-04	2.98E-04	3.01E-04	2.98E-04	3.00E-04
356.95	6369.40 Grid Location	6.38E-10	5.65E+00	4.04E+00	2.81E+00	2.53E-04	2.52E-04	2.78E-04	2.52E-04	2.78E-04	2.30E-05	2.53E-04	3.57E-04	2.78E-04	3.57E-04	2.54E-04	2.56E-04	2.53E-04	2.55E-04
357.00	6369.40 Grid Location	5.56E-10	4.94E+00	3.72E+00	2.48E+00	2.19E-04	2.18E-04	2.42E-04	2.18E-04	2.42E-04	2.17E-05	2.19E-04	3.17E-04	2.42E-04	3.17E-04	2.19E-04	2.22E-04	2.19E-04	2.20E-04
357.05	6369.40 Grid Location	4.49E-10	4.03E+00	3.50E+00	2.04E+00	1.76E-04	1.74E-04	1.99E-04	1.74E-04	1.99E-04	2.20E-05	1.76E-04	2.75E-04	1.99E-04	2.75E-04	1.76E-04	1.78E-04	1.75E-04	1.77E-04
357.10	6369.40 Grid Location	3.60E-10	3.27E+00	3.19E+00	1.67E+00	1.39E-04	1.38E-04	1.62E-04	1.38E-04	1.62E-04	2.11E-05	1.39E-04	2.34E-04	1.62E-04	2.34E-04	1.40E-04	1.42E-04	1.39E-04	1.41E-04
357.15	6369.40 Grid Location	2.99E-10	2.72E+00	2.60E+00	1.42E+00	1.14E-04	1.12E-04	1.32E-04	1.13E-04	1.32E-04	1.76E-05	1.14E-04	1.93E-04	1.32E-04	1.93E-04	1.14E-04	1.16E-04	1.13E-04	1.15E-04
357.20	6369.40 Grid Location	1.75E-10	1.63E+00	1.21E+00	9.16E-01	6.30E-05	6.25E-05	7.02E-05	6.26E-05	7.02E-05	6.82E-06	6.30E-05	9.38E-05	7.02E-05	9.38E-05	6.31E-05	6.39E-05	6.28E-05	6.34E-05
357.25	6369.40 Grid Location	6.82E-11	7.11E-01	6.01E-01	4.83E-01	2.17E-05	2.14E-05	2.53E-05	2.15E-05	2.53E-05	3.38E-06	2.17E-05	3.69E-05	2.53E-05	3.69E-05	2.17E-05	2.21E-05	2.16E-05	2.19E-05
357.30	6369.40 Grid Location	3.81E-11	4.30E-01	4.80E-01	3.19E-01	1.03E-05	1.00E-05	1.33E-05	1.01E-05	1.33E-05	2.88E-06	1.03E-05	2.32E-05	1.33E-05	2.32E-05	1.03E-05	1.06E-05	1.02E-05	1.04E-05
357.35	6369.40 Grid Location	3.69E-11	4.09E-01	6.62E-01	2.80E-01	9.91E-06	9.58E-06	1.50E-05	9.63E-06	1.50E-05	4.76E-06	9.93E-06	3.14E-05	1.50E-05	3.14E-05	9.97E-06	1.05E-05	9.80E-06	1.02E-05
357.40	6369.40 Grid Location	3.78E-11	4.33E-01	9.99E-01	2.84E-01	1.05E-05	9.92E-06	1.95E-05	1.00E-05	1.95E-05	8.47E-06	1.05E-05	4.87E-05	1.95E-05	4.87E-05	1.06E-05	1.16E-05	1.03E-05	1.10E-05
357.45	6369.40 Grid Location	4.56E-11	5.26E-01	1.22E+00	3.48E-01	1.40E-05	1.31E-05	2.71E-05	1.32E-05	2.71E-05	1.23E-05	1.40E-05	6.95E-05	2.71E-05	6.95E-05	1.41E-05	1.56E-05	1.37E-05	1.47E-05
357.50	6369.40 Grid Location	6.78E-11	7.34E-01	1.41E+00	4.59E-01	2.42E-05	2.30E-05	4.13E-05	2.32E-05	4.13E-05	1.61E-05	2.42E-05	9.68E-05	4.13E-05	9.68E-05	2.44E-05	2.63E-05	2.38E-05	2.52E-05
357.55	6369.40 Grid Location	1.02E-10	1.04E+00	1.60E+00	6.18E-01	4.25E-05	4.12E-05	6.22E-05	4.14E-05	6.22E-05	1.85E-05	4.26E-05	1.26E-04	6.22E-05	1.26E-04	4.27E-05	4.50E-05	4.21E-05	4.37E-05
357.60	6369.40 Grid Location	1.27E-10	1.28E+00	1.75E+00	7.61E-01	5.85E-05	5.71E-05	7.96E-05	5.73E-05	7.96E-05	1.98E-05	5.86E-05	1.48E-04	7.96E-05	1.48E-04	5.88E-05	6.11E-05	5.80E-05	5.98E-05
357.65	6369.40 Grid Location	1.66E-10	1.63E+00	1.97E+00	9.42E-01	8.03E-05	7.88E-05	1.03E-04	7.90E-05	1.03E-04	2.13E-05	8.03E-05	1.76E-04	1.03E-04	1.76E-04	8.05E-05	8.31E-05	7.98E-05	8.16E-05
357.70	6369.40 Grid Location	2.11E-10	2.02E+00	2.24E+00	1.13E+00	1.03E-04	1.02E-04	1.28E-04	1.02E-04	1.28E-04	2.30E-05	1.04E-04	2.07E-04	1.28E-04	2.07E-04	1.04E-04	1.06E-04	1.03E-04	1.05E-04
357.75	6369.40 Grid Location	2.52E-10	2.36E+00	2.43E+00	1.28E+00	1.24E-04	1.22E-04	1.49E-04	1.22E-04	1.49E-04	2.37E-05	1.24E-04	2.31E-04	1.49E-04	2.31E-04	1.24E-04	1.27E-04	1.23E-04	1.25E-04
357.80	6369.40 Grid Location	3.15E-10	2.88E+00	2.75E+00	1.50E+00	1.55E-04	1.54E-04	1.82E-04	1.54E-04	1.82E-04	2.54E-05	1.55E-04	2.70E-04	1.82E-04	2.70E-04	1.56E-04	1.59E-04	1.55E-04	1.57E-04
357.85	6369.40 Grid Location	3.83E-10	3.44E+00	3.14E+00	1.74E+00	1.89E-04	1.87E-04	2.18E-04	1.87E-04	2.18E-04	2.77E-05	1.89E-04	3.14E-04	2.18E-04	3.14E-04	1.89E-04	1.92E-04	1.88E-04	1.91E-04
357.90	6369.40 Grid Location	4.60E-10	4.08E+00	3.46E+00	2.01E+00	2.25E-04	2.23E-04	2.55E-04	2.23E-04	2.55E-04	2.90E-05	2.25E-04	3.56E-04	2.55E-04	3.56E-04	2.25E-04	2.28E-04	2.24E-04	2.26E-04

357.95	6369.40	Grid Location	5.35E-10	4.67E+00	3.67E+00	2.25E+00	2.59E-04	2.57E-04	2.90E-04	2.57E-04	2.90E-04	2.91E-05	2.59E-04	3.90E-04	2.90E-04	3.90E-04	2.59E-04	2.62E-04	2.58E-04	2.60E-04
358.00	6369.40	Grid Location	5.87E-10	5.07E+00	3.76E+00	2.40E+00	2.82E-04	2.80E-04	3.12E-04	2.80E-04	3.12E-04	2.84E-05	2.82E-04	4.10E-04	3.12E-04	4.10E-04	2.82E-04	2.85E-04	2.81E-04	2.83E-04
356.50	6369.45	Grid Location	1.19E-09	1.01E+01	6.76E+00	4.51E+00	4.90E-04	4.88E-04	5.30E-04	4.88E-04	5.30E-04	3.70E-05	4.91E-04	6.57E-04	5.30E-04	6.57E-04	4.91E-04	4.95E-04	4.90E-04	4.93E-04
356.55	6369.45	Grid Location	1.19E-09	1.00E+01	6.78E+00	4.53E+00	4.87E-04	4.84E-04	5.26E-04	4.84E-04	5.26E-04	3.71E-05	4.87E-04	6.54E-04	5.26E-04	6.54E-04	4.87E-04	4.91E-04	4.86E-04	4.89E-04
356.60	6369.45	Grid Location	1.17E-09	9.87E+00	6.66E+00	4.47E+00	4.75E-04	4.73E-04	5.14E-04	4.73E-04	5.14E-04	3.65E-05	4.75E-04	6.40E-04	5.14E-04	6.40E-04	4.76E-04	4.80E-04	4.74E-04	4.78E-04
356.65	6369.45	Grid Location	1.13E-09	9.56E+00	6.43E+00	4.35E+00	4.58E-04	4.55E-04	4.95E-04	4.56E-04	4.95E-04	3.50E-05	4.58E-04	6.15E-04	4.95E-04	6.15E-04	4.58E-04	4.62E-04	4.57E-04	4.60E-04
356.70	6369.45	Grid Location	1.07E-09	9.09E+00	6.07E+00	4.17E+00	4.32E-04	4.29E-04	4.66E-04	4.30E-04	4.66E-04	3.27E-05	4.32E-04	5.79E-04	4.66E-04	5.79E-04	4.32E-04	4.36E-04	4.31E-04	4.34E-04
356.75	6369.45	Grid Location	9.98E-10	8.53E+00	5.70E+00	3.95E+00	4.00E-04	3.98E-04	4.33E-04	3.98E-04	4.33E-04	3.06E-05	4.00E-04	5.38E-04	4.33E-04	5.38E-04	4.01E-04	4.04E-04	4.00E-04	4.02E-04
356.80	6369.45	Grid Location	9.07E-10	7.80E+00	5.33E+00	3.66E+00	3.61E-04	3.59E-04	3.92E-04	3.59E-04	3.92E-04	2.91E-05	3.61E-04	4.92E-04	3.92E-04	4.92E-04	3.61E-04	3.65E-04	3.60E-04	3.63E-04
356.85	6369.45	Grid Location	8.13E-10	7.05E+00	4.87E+00	3.37E+00	3.22E-04	3.20E-04	3.50E-04	3.20E-04	3.50E-04	2.69E-05	3.22E-04	4.43E-04	3.50E-04	4.43E-04	3.22E-04	3.25E-04	3.21E-04	3.23E-04
356.90	6369.45	Grid Location	7.24E-10	6.33E+00	4.23E+00	3.10E+00	2.85E-04	2.84E-04	3.09E-04	2.84E-04	3.09E-04	2.27E-05	2.85E-04	3.88E-04	3.09E-04	3.88E-04	2.86E-04	2.88E-04	2.85E-04	2.87E-04
356.95	6369.45	Grid Location	6.15E-10	5.45E+00	3.74E+00	2.75E+00	2.40E-04	2.39E-04	2.62E-04	2.39E-04	2.62E-04	2.06E-05	2.40E-04	3.33E-04	2.62E-04	3.33E-04	2.41E-04	2.43E-04	2.40E-04	2.42E-04
357.00	6369.45	Grid Location	5.41E-10	4.84E+00	3.44E+00	2.48E+00	2.10E-04	2.08E-04	2.31E-04	2.09E-04	2.31E-04	1.96E-05	2.10E-04	2.98E-04	2.31E-04	2.98E-04	2.10E-04	2.12E-04	2.09E-04	2.11E-04
357.05	6369.45	Grid Location	4.51E-10	4.10E+00	3.32E+00	2.16E+00	1.74E-04	1.73E-04	1.96E-04	1.73E-04	1.96E-04	2.09E-05	1.74E-04	2.69E-04	1.96E-04	2.69E-04	1.74E-04	1.77E-04	1.74E-04	1.75E-04
357.10	6369.45	Grid Location	3.64E-10	3.38E+00	3.44E+00	1.81E+00	1.40E-04	1.38E-04	1.67E-04	1.39E-04	1.67E-04	2.54E-05	1.40E-04	2.55E-04	1.67E-04	2.55E-04	1.40E-04	1.44E-04	1.40E-04	1.42E-04
357.15	6369.45	Grid Location	3.07E-10	2.84E+00	3.18E+00	1.49E+00	1.18E-04	1.16E-04	1.45E-04	1.16E-04	1.45E-04	2.51E-05	1.18E-04	2.31E-04	1.45E-04	2.31E-04	1.18E-04	1.21E-04	1.17E-04	1.19E-04
357.20	6369.45	Grid Location	2.11E-10	1.98E+00	2.21E+00	1.08E+00	7.96E-05	7.84E-05	9.82E-05	7.86E-05	9.82E-05	1.75E-05	7.97E-05	1.58E-04	9.82E-05	1.58E-04	7.99E-05	8.19E-05	7.92E-05	8.07E-05
357.25	6369.45	Grid Location	1.03E-10	1.08E+00	1.37E+00	6.99E-01	3.69E-05	3.61E-05	4.83E-05	3.63E-05	4.83E-05	1.07E-05	3.69E-05	8.54E-05	4.83E-05	8.54E-05	3.70E-05	3.83E-05	3.66E-05	3.76E-05
357.30	6369.45	Grid Location	5.53E-11	6.51E-01	1.02E+00	4.82E-01	1.75E-05	1.69E-05	2.61E-05	1.70E-05	2.61E-05	8.10E-06	1.75E-05	5.41E-05	2.61E-05	5.41E-05	1.76E-05	1.86E-05	1.73E-05	1.80E-05
357.35	6369.45	Grid Location	4.45E-11	5.44E-01	1.10E+00	4.04E-01	1.32E-05	1.26E-05	2.27E-05	1.27E-05	2.27E-05	8.96E-06	1.32E-05	5.36E-05	2.27E-05	5.36E-05	1.33E-05	1.44E-05	1.30E-05	1.38E-05
357.40	6369.45	Grid Location	4.60E-11	5.45E-01	1.16E+00	3.83E-01	1.37E-05	1.31E-05	2.41E-05	1.32E-05	2.41E-05	9.72E-06	1.38E-05	5.76E-05	2.41E-05	5.76E-05	1.39E-05	1.50E-05	1.35E-05	1.44E-05
357.45	6369.45	Grid Location	6.19E-11	6.72E-01	1.17E+00	4.33E-01	2.03E-05	1.96E-05	3.05E-05	1.98E-05	3.05E-05	9.58E-06	2.03E-05	6.35E-05	3.05E-05	6.35E-05	2.04E-05	2.16E-05	2.01E-05	2.09E-05
357.50	6369.45	Grid Location	9.06E-11	9.30E-01	1.20E+00	5.74E-01	3.30E-05	3.23E-05	4.31E-05	3.25E-05	4.31E-05	9.46E-06	3.30E-05	7.57E-05	4.31E-05	7.57E-05	3.31E-05	3.43E-05	3.28E-05	3.36E-05
357.55	6369.45	Grid Location	1.13E-10	1.13E+00	1.31E+00	6.93E-01	4.34E-05	4.26E-05	5.48E-05	4.28E-05	5.48E-05	1.07E-05	4.34E-05	9.18E-05	5.48E-05	9.18E-05	4.35E-05	4.48E-05	4.31E-05	4.41E-05
357.60	6369.45	Grid Location	1.29E-10	1.31E+00	1.49E+00	8.10E-01	5.18E-05	5.09E-05	6.56E-05	5.10E-05	6.56E-05	1.30E-05	5.18E-05	1.10E-04	6.56E-05	1.10E-04	5.20E-05	5.35E-05	5.15E-05	5.26E-05
357.65	6369.45	Grid Location	1.61E-10	1.61E+00	1.74E+00	9.67E-01	6.81E-05	6.70E-05	8.50E-05	6.72E-05	8.50E-05	1.59E-05	6.82E-05	1.40E-04	8.50E-05	1.40E-04	6.83E-05	7.02E-05	6.77E-05	6.91E-05
357.70	6369.45	Grid Location	1.98E-10	1.92E+00	2.02E+00	1.11E+00	8.73E-05	8.60E-05	1.07E-04	8.62E-05	1.07E-04	1.88E-05	8.74E-05	1.72E-04	1.07E-04	1.72E-04	8.75E-05	8.98E-05	8.69E-05	8.85E-05
357.75	6369.45	Grid Location	2.37E-10	2.24E+00	2.25E+00	1.24E+00	1.08E-04	1.07E-04	1.30E-04	1.07E-04	1.30E-04	2.08E-05	1.08E-04	2.02E-04	1.30E-04	2.02E-04	1.09E-04	1.11E-04	1.08E-04	1.10E-04
357.80	6369.45	Grid Location	2.92E-10	2.69E+00	2.57E+00	1.43E+00	1.38E-04	1.36E-04	1.62E-04	1.36E-04	1.62E-04	2.31E-05	1.38E-04	2.42E-04	1.62E-04	2.42E-04	1.38E-04	1.41E-04	1.37E-04	1.39E-04
357.85	6369.45	Grid Location	3.58E-10	3.24E+00	2.96E+00	1.66E+00	1.72E-04	1.70E-04	2.00E-04	1.70E-04	2.00E-04	2.60E-05	1.72E-04	2.89E-04	2.00E-04	2.89E-04	1.72E-04	1.75E-04	1.71E-04	1.74E-04
357.90	6369.45	Grid Location	4.33E-10	3.85E+00	3.28E+00	1.91E+00	2.09E-04	2.07E-04	2.39E-04	2.08E-04	2.39E-04	2.76E-05	2.09E-04	3.34E-04	2.39E-04	3.34E-04	2.10E-04	2.13E-04	2.09E-04	2.11E-04
357.95	6369.45	Grid Location	5.03E-10	4.41E+00	3.48E+00	2.13E+00	2.44E-04	2.42E-04	2.73E-04	2.42E-04	2.73E-04	2.79E-05	2.44E-04	3.70E-04	2.73E-04	3.70E-04	2.44E-04	2.47E-04	2.43E-04	2.45E-04
358.00	6369.45	Grid Location	5.50E-10	4.77E+00	3.57E+00	2.27E+00	2.67E-04	2.65E-04	2.96E-04	2.65E-04	2.96E-04	2.75E-05	2.67E-04	3.91E-04	2.96E-04	3.91E-04	2.67E-04	2.70E-04	2.66E-04	2.68E-04
356.50	6369.50	Grid Location	1.13E-09	9.57E+00	6.40E+00	4.29E+00	4.63E-04	4.61E-04	5.00E-04	4.61E-04	5.00E-04	3.48E-05	4.63E-04	6.20E-04	5.00E-04	6.20E-04	4.64E-04	4.68E-04	4.62E-04	4.65E-04
356.55	6369.50	Grid Location	1.12E-09	9.49E+00	6.37E+00	4.28E+00	4.56E-04	4.53E-04	4.93E-04	4.54E-04	4.93E-04	3.47E-05	4.56E-04	6.12E-04	4.93E-04	6.12E-04	4.56E-04	4.61E-04	4.55E-04	4.58E-04
356.60	6369.50	Grid Location	1.11E-09	9.36E+00	6.28E+00	4.24E+00	4.47E-04	4.45E-04	4.83E-04	4.45E-04	4.83E-04	3.42E-05	4.47E-04	6.01E-04	4.83E-04	6.01E-04	4.47E-04	4.52E-04	4.46E-04	4.49E-04
356.65	6369.50	Grid Location	1.07E-09	9.11E+00	6.09E+00	4.15E+00	4.33E-04	4.30E-04	4.68E-04	4.31E-04	4.68E-04	3.29E-05	4.33E-04	5.81E-04	4.68E-04	5.81E-04	4.33E-04	4.37E-04	4.32E-04	4.35E-04
356.70	6369.50	Grid Location	1.03E-09	8.74E+00	5.79E+00	4.01E+00	4.12E-04	4.10E-04	4.45E-04	4.10E-04	4.45E-04	3.10E-05	4.12E-04	5.52E-04	4.45E-04	5.52E-04	4.13E-04	4.16E-04	4.11E-04	4.14E-04
356.75	6369.50	Grid Location	9.60E-10	8.20E+00	5.42E+00	3.81E+00	3.82E-04	3.80E-04	4.13E-04	3.81E-04	4.13E-04	2.88E-05	3.82E-04	5.12E-04	4.13E-04	5.12E-04	3.83E-04	3.86E-04	3.82E-04	3.84E-04
356.80	6369.50	Grid Location	8.73E-10	7.51E+00	5.04E+00	3.54E+00	3.45E-04	3.43E-04	3.74E-04	3.43E-04	3.74E-04	2.72E-05	3.45E-04	4.67E-04	3.74E-04	4.67E-04	3.45E-04	3.49E-04	3.44E-04	3.47E-04
356.85	6369.50	Grid Location	7.85E-10	6.82E+00	4.67E+00	3.28E+00	3.08E-04	3.06E-04	3.36E-04	3.07E-04	3.36E-04	2.57E-05	3.08E-04	4.24E-04	3.36E-04	4.24E-04	3.09E-04	3.12E-04	3.08E-04	3.10E-04
356.90	6369.50	Grid Location	7.06E-10	6.19E+00	4.16E+00	3.05E+00	2.76E-04	2.75E-04	3.01E-04	2.75E-04	3.01E-04	2.28E-05	2.76E-04	3.79E-04	3.01E-04	3.79E-04	2.77E-04	2.79E-04	2.76E-04	2.78E-04
356.95	6369.50	Grid Location	6.09E-10	5.42E+00	3.71E+00	2.77E+00	2.37E-04	2.36E-04	2.59E-04	2.36E-04	2.59E-04	2.09E-05	2.37E-04	3.32E-04	2.59E-04	3.32E-04	2.37E-04	2.40E-04	2.37E-04	2.38E-04
357.00	6369.50	Grid Location	5.39E-10	4.87E+00	3.52E+00	2.56E+00	2.09E-04	2.08E-04	2.32E-04	2.08E-04	2.32E-04	2.14E-05	2.09E-04	3.06E-04	2.32E-04	3.06E-04	2.10E-04	2.12E-04	2.09E-04	2.11E-04
357.05	6369.50	Grid Location	4.65E-10	4.27E+00	3.50E+00	2.29E+00	1.81E-04	1.79E-04	2.07E-04	1.80E-04	2.07E-04	2.40E-05	1.81E-04	2.89E-04	2.07E-04	2.89E-04	1.81E-04	1.84E-04	1.81E-04	1.83E-04
357.10	6369.50	Grid Location	3.79E-10	3.53E+00	3.43E+00	1.91E+00	1.49E-04	1.47E-04	1.77E-04	1.47E-04	1.77E-04	2.63E-05	1.49E-04	2.67E-04	1.77E-04	2.67E-04	1.49E-04	1.52E-04	1.48E-04	1.50E-04
357.15	6369.50	Grid Location	3.12E-10	2.91E+00	2.97E+00	1.56E+00	1.24E-04	1.22E-04	1.49E-04	1.23E-04	1.49E-04	2.30E-05	1.24E-04	2.28E-04	1.49E-04	2.28E-04	1.24E-04	1.27E-04	1.24E-04	1.26E-04
357.20	6369.50	Grid Location	2.52E-10	2.38E+00	2.68E+00	1.30E+00	1.02E-04	1.00E-04	1.25E-04	1.00E-04	1.25E-04	2.16E-05	1.02E-04	1.99E-04	1.25E-04	1.99E-04	1.02E-04	1.04E-04	1.01E-04	1.03E-04
357.25	6369.50	Grid Location	1.65E-10	1.63E+00	1.99E+00	9.68E-01	6.40E-05	6.29E-05	8.06E-05	6.30E-05	8.06E-05	1.56E-05	6.40E-05	1.35E-04	8.06E-05	1.35E-04	6.42E-05	6.60E-05	6.36E-05	6.50E-05
357.30	6369.50	Grid Location	1.16E-10	1.19E+00	1.57E+00	7.38E-01	4.31E-05	4.22E-05	5.61E-05	4.23E-05	5.61E-05	1.23E-05	4.31E-05	9.85E-05	5.61E-05	9.85E-05	4.32E-05	4.47E-05	4.28E-05	4.38E-05
357.35	6369.50	Grid Location	8.62E-11	9.19E-01	1.35E+00	5.98E-01	3.03E-05	2.95E-05	4.16E-05	2.96E-05	4.16E-05	1.06E-05	3.03E-05	7.82E-05	4.16E-05	7.82E-05	3.04E-05	3.17E-05	3.00E-05	3.09E-05
357.40	6369.50	Grid Location	7.69E-11	8.33E-01	1.28E+00	5.49E-01	2.63E-05	2.56E-05	3.71E-05	2.57E-05	3.71E-05	1.01E-05	2.63E-05	7.21E-05	3.71E-05	7.21E-05	2.64E-05	2.76E-05	2.60E-05	2.69E-05
357.45	6369.50	Grid Location	9.05E-11	9.36E-01	1.24E+00	5.84E-01	3.18E-05	3.12E-05	4.20E-05	3.13E-05	4.20E-05	9.50E-06	3.19E-05	7.47E-05	4.20E-05	7.47E-05	3.20E-05	3.31E-05	3.16E-05	3.25E-05
357.50	6369.50	Grid Location	1.12E-10	1.13E+00	1.28E+00	6.93E-01	4.14E-05	4.07E-05	5.14E-05	4.08E-05	5.14E-05	9.40E-06	4.14E-05	8.38E-05	5.14E-05	8.38E-05	4.15E-05	4.26E-05	4.12E-05	4.20E-05
357.55	6369.50	Grid Location	1.28E-10	1.29E+00	1.34E+00	7.97E-01	4.91E-05	4.84E-05	5.95E-05	4.86E-05	5.95E-05	9.73E-06	4.92E-05	9.30E-05	5.95E-05	9.30E-05	4.93E-05	5.04E-05	4.89E-05	4.97E-05
357.60	6369.50	Grid Location	1.52E-10	1.51E+00	1.47E+00	9.12E-01	5.99E-05	5.92E-05	7.12E-05	5.93E-05	7.12E-05	1.06E-05	6.00E-05	1.08E-04	7.12E-05	1.08E-04	6.01E-05	6.13E-05	5.97E-05	6.06E-05
357.65	6369.50	Grid Location	1.81E-10	1.77E+00	1.69E+00	1.05E+00	7.26E-05	7.18E-05	8.59E-05	7.19E-05	8.59E-05	1.25E-05	7.27E-05	1.29E-04	8.59E-05	1.29E-04	7.28E-05	7.43E-05	7.24E-05	7.34E-05
357.70	6369.50	Grid Location	2.13E-10	2.04E+00	1.94E+00	1.18E+00	8.67E-05	8.57E-05	1.03E-04	8.58E-05	1.03E-04	1.50E-05	8.68E-05	1.54E-04	1.03E-04	1.54E-04	8.69E-05	8.87E-05	8.64E-05	8.77E-05
357.75	6369.50	Grid Location	2.48E-10	2.33E+00	2.18E+00	1.30E+00	1.04E-04	1.02E-04	1.22E-04	1.02E-04	1.22E-04	1.73E-05	1.04E-04	1.82E-04	1.22E-04	1.82E-04	1.04E-04	1.06E-04	1.03E-04	1.05E-04
357.80	6369.50	Grid Location	2.95E-10	2.72E+00	2.49E+00	1.45E+00	1.27E-04	1.26E-04	1.48E-04	1.26E-04	1.48E-04	2.01E-05	1.27E-04	2.18E-04	1.48E-04	2.18E-04	1.27E-04	1.30E-04	1.26E-04	1.28E-04
357.85	6369.50	Grid Location	3.53E-10	3.20E+00	2.85E+00	1.65E+00	1.56E-04	1.55E-04	1.81E-04	1.55E-04	1.81E-04	2.32E-05	1.56E-04	2.61E-04	1.81E-04	2.61E-04	1.57E-04	1.59E-04	1.56E-04	1.58E-04
357.90	6369.50	Grid Location	4.25E-10	3.77E+00	3.15E+00	1.88E+00	1.92E-04	1.91E-04	2.19E-04	1.91E-04	2.19E-04	2.50E-05	1.92E-04	3.05E-04	2.19E-04	3.05E-04	1.93E-04	1.96E-04	1.92E-04	1.94E-04
357.95	6369.50	Grid Location	4.87E-10	4.26E+00	3.33E+00	2.07E+00	2.24E-04	2.23E-04	2.52E-04	2.23E-04	2.52E-04	2.56E-05	2.25E-04	3.40E-04	2.52E-04	3.40E-04	2.25E-04	2.28E-04	2.24E-04	2.26E-04
358.00	6369.50	Grid Location	5.31E-10	4.61E+00	3.43E+00	2.20E+00	2.48E-04	2.47E-04	2.76E-04	2.47E-04	2.76E-04	2.56E-05	2.48E-04	3.64E-04	2.76E-04	3.64E-04	2.49E-04	2.52E-04	2.48E-04	2.50E-04
356.50	6369.55	Grid Location	1.08E-09	9.15E+00	6.10E+00	4.11E+00	4.42E-04	4.40E-04	4.77E-04	4.40E-04	4.77E-04	3.31E-05	4.42E-04	5.91E-04	4.77E-04	5.91E-04	4.42E-04	4.46E-04	4.41E-04	4.44E-04
356.55	6369.55	Grid Location	1.08E-09	9.10E+00	6.09E+00	4.11E+00	4.37E-04	4.34E-04	4.72E-04	4.35E-04	4.72E-04	3.32E-05	4.37E-04	5.86E-04	4.72E-04	5.86E-04	4.37E-04	4.41E-04	4.36E-04	4.39E-04
356.60	6369.55	Grid Location	1.05E-09	8.91E+00	5.95E+00	4.05E+00	4.24E-04	4.22E-04	4.59E-04	4.22E-04	4.59E-04	3.24E-05	4.24E-04	5.70E-04	4.59E-04	5.70E-04	4.25E-04	4.29E-04	4.24E-04	4.26E-04
356.65	6369.55	Grid Location	1.03E-09	8.76E+00	5.83E+00	4.01E+00	4.15E-04	4.13E-04	4.49E-04	4.13E-04	4.49E-04	3.16E-05	4.15E-04	5.58E-04	4.49E-04	5.58E-04	4.16E-04	4.19E-04	4.15E-04	4.17E-04
356.70	6369.55	Grid Location	9.97E-10	8.49E+00	5.62E+00	3.92E+00	4.00E-04	3.98E-04	4.32E-04	3.98E-04	4.32E-04	3.03E-05	4.00E-04	5.36E-04	4.32E-04	5.36E-04	4.00E-04	4.04E-04	3.99E-04	4.02E-04
356.75	6369.55	Grid Location	9.39E-10	8.04E+00	5.30E+00	3.75E+00	3.74E-04	3.72E-04	4.05E-04	3.73E-04	4.05E-04	2.85E-05	3.74E-04	5.03E-04	4.05E-04	5.03E-04	3.75E-04	3.78E-04	3.74E-04	3.76E-04
356.80	6369.55	Grid Location	8.65E-10	7.46E+00	4.99E+00	3.55E+00	3.43E-04	3.41E-04	3.72E-04	3.41E-04	3.72E-04	2.72E-05	3.43E-04	4.65E-04	3.72E-04	4.65E-04	3.43E-04	3.46E-04	3.42E-04	3.44E-04
356.85	6369.55	Grid Location	7.77E-10	6.77E+00	4.67E+00	3.28E+00	3.06E-04	3.04E-04	3.34E-04	3.05E-04	3.34E-04	2.64E-05	3.06E-04	4.25E-04	3.34E-04	4.25E-04	3.06E-04	3.10E-04	3.05E-04	3.08E-04
356.90	6369.55	Grid Location	7.04E-10	6.20E+00	4.37E+00	3.08E+00	2.77E-04	2.75E-04	3.05E-04	2.76E-04	3.05E-04	2.58E-05	2.77E-04	3.93E-04	3.05E-04	3.93E-04	2.78E-04	2.81E-04	2.77E-04	2.79E-04
356.95	6369.55	Grid Location	6.29E-10	5.62E+00	4.01E+00	2.87E+00	2.48E-04	2.46E-04	2.74E-04	2.47E-04	2.74E-04	2.46E-05	2.48E-04	3.59E-04	2.74E-04	3.59E-04	2.48E-04	2.51E-04	2.47E-04	2.50E-04
357.00	6369.55	Grid Location	5.49E-10	4.98E+00	3.80E+00	2.63E+00	2.17E-04	2.15E-04	2.44E-04	2.16E-04	2.44E-04	2.52E-05	2.17E-04	3.31E-04	2.44E-04	3.31E-04	2.17E-04	2.20E-04	2.17E-04	2.19E-04
357.05	6369.55	Grid Location	4.92E-10	4.51E+00	3.63E+00	2.40E+00	1.97E-04	1.95E-04	2.24E-04	1.96E-04	2.24E-04	2.57E-05	1.97E-04	3.13E-04	2.24E-04	3.13E-04	1.97E-04	2.00E-04	1.97E-04	1.99E-04
357.10	6369.55	Grid Location	4.20E-10	3.86E+00	3.17E+00	2.07E+00	1.72E-04	1.70E-04	1.96E-04	1.71E-04	1.96E-04	2.26E-05	1.72E-04	2.74E-04	1.96E-04	2.74E-04	1.72E-04	1.75E-04	1.71E-04	1.73E-04
357.15	6369.55	Grid Location	3.39E-10	3.16E+00	2.84E+00	1.73E+00	1.42E-04	1.40E-04	1.64E-04	1.40E-04	1.64E-04	2.11E-05	1.42E-04	2.37E-04	1.64E-04	2.37E-04	1.42E-04	1.44E-04	1.41E-04	1.43E-04
357.20	6369.55	Grid Location	2.67E-10	2.57E+00	2.65E+00	1.47E+00	1.11E-04	1.09E-04	1.33E-04	1.09E-04	1.33E-04	2.09E-05	1.11E-04	2.05E-04	1.33E-04	2.05E-04	1.11E-04	1.13E-04	1.10E-04	1.12E-04
357.25	6369.55	Grid Location	2.28E-10	2.20E+00	2.17E+00	1.28E+00	9.35E-05	9.24E-05	1.10E-04	9.25E-05	1.10E-04	1.60E-05	9.35E-05	1.66E-04	1.10E-04	1.66E-04	9.37E-05	9.56E-05	9.31E-05	9.45E-05
357.30	6369.55	Grid Location	1.93E-10	1.87E+00	1.83E+00	1.08E+00	7.75E-05	7.66E-05	9.15E-05	7.67E-05	9.15E-05	1.32E-05	7.76E-05	1.37E-04	9.15E-05	1.37E-04	7.77E-05	7.93E-05	7.72E-05	7.83E-05
357.35	6369.55	Grid Location	1.49E-10	1.48E+00	1.52E+00	8.94E-01	5.71E-05	5.63E-05	6.88E-05	5.64E-05	6.88E-05	1.10E-05	5.71E-05	1.07E-04	6.88E-05	1.07E-04	5.72E-05	5.85E-05	5.68E-05	5.78E-05
357.40	6369.55	Grid Location	1.24E-10	1.26E+00	1.36E+00	7.92E-01	4.66E-05	4.60E-05	5.71E-05	4.61E-05	5.71E-05	9.87E-06	4.67E-05	9.12E-05	5.71E-05	9.12E-05	4.68E-05	4.80E-05	4.64E-05	4.73E-05

357.45	6369.55	Grid Location	1.21E-10	1.23E+00	1.34E+00	7.66E-01	4.47E-05	4.40E-05	5.50E-05	4.41E-05	5.50E-05	9.76E-06	4.47E-05	8.87E-05	5.50E-05	8.87E-05	4.48E-05	4.60E-05	4.44E-05	4.53E-05
357.50	6369.55	Grid Location	1.29E-10	1.30E+00	1.36E+00	7.99E-01	4.80E-05	4.73E-05	5.82E-05	4.74E-05	5.82E-05	9.65E-06	4.80E-05	9.15E-05	5.82E-05	9.15E-05	4.81E-05	4.92E-05	4.77E-05	4.86E-05
357.55	6369.55	Grid Location	1.49E-10	1.48E+00	1.45E+00	9.06E-01	5.67E-05	5.60E-05	6.74E-05	5.61E-05	6.74E-05	1.01E-05	5.67E-05	1.02E-04	6.74E-05	1.02E-04	5.68E-05	5.80E-05	5.64E-05	5.73E-05
357.60	6369.55	Grid Location	1.77E-10	1.73E+00	1.60E+00	1.02E+00	6.91E-05	6.83E-05	8.06E-05	6.84E-05	8.06E-05	1.09E-05	6.91E-05	1.18E-04	8.06E-05	1.18E-04	6.92E-05	7.05E-05	6.88E-05	6.98E-05
357.65	6369.55	Grid Location	2.07E-10	1.98E+00	1.78E+00	1.12E+00	8.23E-05	8.15E-05	9.51E-05	8.16E-05	9.51E-05	1.20E-05	8.23E-05	1.37E-04	9.51E-05	1.37E-04	8.25E-05	8.39E-05	8.20E-05	8.31E-05
357.70	6369.55	Grid Location	2.34E-10	2.21E+00	1.95E+00	1.23E+00	9.38E-05	9.29E-05	1.08E-04	9.31E-05	1.08E-04	1.33E-05	9.39E-05	1.54E-04	1.08E-04	1.54E-04	9.40E-05	9.56E-05	9.35E-05	9.47E-05
357.75	6369.55	Grid Location	2.73E-10	2.54E+00	2.20E+00	1.38E+00	1.10E-04	1.09E-04	1.27E-04	1.10E-04	1.27E-04	1.53E-05	1.11E-04	1.80E-04	1.27E-04	1.80E-04	1.11E-04	1.13E-04	1.10E-04	1.11E-04
357.80	6369.55	Grid Location	3.14E-10	2.88E+00	2.49E+00	1.53E+00	1.29E-04	1.27E-04	1.48E-04	1.28E-04	1.48E-04	1.79E-05	1.29E-04	2.09E-04	1.48E-04	2.09E-04	1.29E-04	1.31E-04	1.28E-04	1.30E-04
357.85	6369.55	Grid Location	3.72E-10	3.35E+00	2.83E+00	1.72E+00	1.55E-04	1.53E-04	1.76E-04	1.53E-04	1.76E-04	2.05E-05	1.55E-04	2.47E-04	1.76E-04	2.47E-04	1.55E-04	1.57E-04	1.54E-04	1.56E-04
357.90	6369.55	Grid Location	4.34E-10	3.84E+00	3.08E+00	1.91E+00	1.84E-04	1.82E-04	2.08E-04	1.83E-04	2.08E-04	2.22E-05	1.84E-04	2.84E-04	2.08E-04	2.84E-04	1.84E-04	1.87E-04	1.83E-04	1.85E-04
357.95	6369.55	Grid Location	4.90E-10	4.28E+00	3.26E+00	2.08E+00	2.12E-04	2.11E-04	2.37E-04	2.11E-04	2.37E-04	2.31E-05	2.12E-04	3.17E-04	2.37E-04	3.17E-04	2.13E-04	2.15E-04	2.12E-04	2.14E-04
358.00	6369.55	Grid Location	5.29E-10	4.58E+00	3.36E+00	2.18E+00	2.34E-04	2.32E-04	2.59E-04	2.33E-04	2.59E-04	2.36E-05	2.34E-04	3.40E-04	2.59E-04	3.40E-04	2.34E-04	2.37E-04	2.33E-04	2.35E-04
356.50	6369.60	Grid Location	1.05E-09	8.86E+00	5.87E+00	3.99E+00	4.29E-04	4.26E-04	4.63E-04	4.27E-04	4.63E-04	3.20E-05	4.29E-04	5.73E-04	4.63E-04	5.73E-04	4.29E-04	4.33E-04	4.28E-04	4.31E-04
356.55	6369.60	Grid Location	1.04E-09	8.78E+00	5.85E+00	3.98E+00	4.22E-04	4.20E-04	4.56E-04	4.20E-04	4.56E-04	3.20E-05	4.22E-04	5.66E-04	4.56E-04	5.66E-04	4.22E-04	4.26E-04	4.21E-04	4.24E-04
356.60	6369.60	Grid Location	1.02E-09	8.63E+00	5.76E+00	3.94E+00	4.12E-04	4.09E-04	4.45E-04	4.10E-04	4.45E-04	3.16E-05	4.12E-04	5.54E-04	4.45E-04	5.54E-04	4.12E-04	4.16E-04	4.11E-04	4.14E-04
356.65	6369.60	Grid Location	9.96E-10	8.47E+00	5.65E+00	3.90E+00	4.02E-04	4.00E-04	4.35E-04	4.00E-04	4.35E-04	3.11E-05	4.02E-04	5.42E-04	4.35E-04	5.42E-04	4.02E-04	4.06E-04	4.01E-04	4.04E-04
356.70	6369.60	Grid Location	9.76E-10	8.34E+00	5.57E+00	3.87E+00	3.94E-04	3.92E-04	4.26E-04	3.92E-04	4.26E-04	3.08E-05	3.94E-04	5.33E-04	4.26E-04	5.33E-04	3.94E-04	3.98E-04	3.93E-04	3.96E-04
356.75	6369.60	Grid Location	9.34E-10	8.02E+00	5.38E+00	3.77E+00	3.76E-04	3.74E-04	4.08E-04	3.74E-04	4.08E-04	3.01E-05	3.76E-04	5.12E-04	4.08E-04	5.12E-04	3.76E-04	3.80E-04	3.75E-04	3.78E-04
356.80	6369.60	Grid Location	8.72E-10	7.54E+00	5.14E+00	3.60E+00	3.49E-04	3.47E-04	3.80E-04	3.47E-04	3.80E-04	2.94E-05	3.49E-04	4.82E-04	3.80E-04	4.82E-04	3.49E-04	3.53E-04	3.48E-04	3.51E-04
356.85	6369.60	Grid Location	7.93E-10	6.93E+00	4.90E+00	3.37E+00	3.16E-04	3.14E-04	3.48E-04	3.15E-04	3.48E-04	2.93E-05	3.17E-04	4.49E-04	3.48E-04	4.49E-04	3.17E-04	3.20E-04	3.16E-04	3.18E-04
356.90	6369.60	Grid Location	7.17E-10	6.33E+00	4.72E+00	3.14E+00	2.87E-04	2.84E-04	3.19E-04	2.85E-04	3.19E-04	3.02E-05	2.87E-04	4.23E-04	3.19E-04	4.23E-04	2.87E-04	2.91E-04	2.86E-04	2.88E-04
356.95	6369.60	Grid Location	6.59E-10	5.88E+00	4.54E+00	2.97E+00	2.67E-04	2.65E-04	2.99E-04	2.65E-04	2.99E-04	3.06E-05	2.67E-04	4.05E-04	2.99E-04	4.05E-04	2.67E-04	2.71E-04	2.66E-04	2.69E-04
357.00	6369.60	Grid Location	5.88E-10	5.30E+00	4.09E+00	2.74E+00	2.41E-04	2.39E-04	2.71E-04	2.40E-04	2.71E-04	2.82E-05	2.41E-04	3.69E-04	2.71E-04	3.69E-04	2.42E-04	2.45E-04	2.41E-04	2.43E-04
357.05	6369.60	Grid Location	5.28E-10	4.78E+00	3.57E+00	2.49E+00	2.21E-04	2.19E-04	2.46E-04	2.19E-04	2.46E-04	2.42E-05	2.21E-04	3.30E-04	2.46E-04	3.30E-04	2.21E-04	2.24E-04	2.20E-04	2.22E-04
357.10	6369.60	Grid Location	4.61E-10	4.18E+00	3.11E+00	2.21E+00	1.96E-04	1.95E-04	2.18E-04	1.95E-04	2.18E-04	2.07E-05	1.96E-04	2.89E-04	2.18E-04	2.89E-04	1.96E-04	1.99E-04	1.96E-04	1.97E-04
357.15	6369.60	Grid Location	3.76E-10	3.49E+00	2.92E+00	1.92E+00	1.60E-04	1.58E-04	1.83E-04	1.59E-04	1.83E-04	2.12E-05	1.60E-04	2.56E-04	1.83E-04	2.56E-04	1.60E-04	1.63E-04	1.59E-04	1.61E-04
357.20	6369.60	Grid Location	3.10E-10	2.96E+00	2.65E+00	1.70E+00	1.30E-04	1.29E-04	1.51E-04	1.29E-04	1.51E-04	1.96E-05	1.30E-04	2.19E-04	1.51E-04	2.19E-04	1.31E-04	1.33E-04	1.30E-04	1.32E-04
357.25	6369.60	Grid Location	2.81E-10	2.67E+00	2.26E+00	1.53E+00	1.19E-04	1.17E-04	1.35E-04	1.18E-04	1.35E-04	1.57E-05	1.19E-04	1.89E-04	1.35E-04	1.89E-04	1.19E-04	1.21E-04	1.18E-04	1.19E-04
357.30	6369.60	Grid Location	2.37E-10	2.27E+00	1.93E+00	1.32E+00	9.75E-05	9.66E-05	1.12E-04	9.67E-05	1.12E-04	1.33E-05	9.75E-05	1.57E-04	1.12E-04	1.57E-04	9.77E-05	9.93E-05	9.72E-05	9.83E-05
357.35	6369.60	Grid Location	1.86E-10	1.82E+00	1.65E+00	1.10E+00	7.36E-05	7.28E-05	8.59E-05	7.29E-05	8.59E-05	1.15E-05	7.36E-05	1.26E-04	8.59E-05	1.26E-04	7.37E-05	7.51E-05	7.33E-05	7.43E-05
357.40	6369.60	Grid Location	1.57E-10	1.58E+00	1.47E+00	9.82E-01	6.13E-05	6.06E-05	7.20E-05	6.07E-05	7.20E-05	1.01E-05	6.13E-05	1.07E-04	7.20E-05	1.07E-04	6.14E-05	6.26E-05	6.10E-05	6.19E-05
357.45	6369.60	Grid Location	1.50E-10	1.50E+00	1.46E+00	9.35E-01	5.72E-05	5.64E-05	6.79E-05	5.66E-05	6.79E-05	1.01E-05	5.72E-05	1.03E-04	6.79E-05	1.03E-04	5.73E-05	5.85E-05	5.69E-05	5.78E-05
357.50	6369.60	Grid Location	1.62E-10	1.59E+00	1.52E+00	9.55E-01	6.14E-05	6.07E-05	7.25E-05	6.08E-05	7.25E-05	1.04E-05	6.15E-05	1.08E-04	7.25E-05	1.08E-04	6.16E-05	6.28E-05	6.12E-05	6.21E-05
357.55	6369.60	Grid Location	1.82E-10	1.77E+00	1.62E+00	1.03E+00	6.97E-05	6.90E-05	8.12E-05	6.91E-05	8.12E-05	1.08E-05	6.97E-05	1.19E-04	8.12E-05	1.19E-04	6.98E-05	7.11E-05	6.95E-05	7.04E-05
357.60	6369.60	Grid Location	2.02E-10	1.93E+00	1.75E+00	1.11E+00	7.80E-05	7.71E-05	9.03E-05	7.73E-05	9.03E-05	1.16E-05	7.80E-05	1.30E-04	9.03E-05	1.30E-04	7.81E-05	7.95E-05	7.77E-05	7.87E-05
357.65	6369.60	Grid Location	2.27E-10	2.13E+00	1.89E+00	1.18E+00	8.85E-05	8.76E-05	1.02E-04	8.78E-05	1.02E-04	1.24E-05	8.85E-05	1.45E-04	1.02E-04	1.45E-04	8.87E-05	9.01E-05	8.82E-05	8.93E-05
357.70	6369.60	Grid Location	2.56E-10	2.37E+00	2.03E+00	1.28E+00	1.02E-04	1.01E-04	1.16E-04	1.01E-04	1.16E-04	1.32E-05	1.02E-04	1.61E-04	1.16E-04	1.61E-04	1.02E-04	1.03E-04	1.01E-04	1.02E-04
357.75	6369.60	Grid Location	2.96E-10	2.71E+00	2.26E+00	1.43E+00	1.19E-04	1.18E-04	1.34E-04	1.18E-04	1.34E-04	1.46E-05	1.19E-04	1.85E-04	1.34E-04	1.85E-04	1.19E-04	1.21E-04	1.18E-04	1.20E-04
357.80	6369.60	Grid Location	3.40E-10	3.08E+00	2.52E+00	1.60E+00	1.37E-04	1.36E-04	1.54E-04	1.36E-04	1.54E-04	1.66E-05	1.37E-04	2.12E-04	1.54E-04	2.12E-04	1.37E-04	1.39E-04	1.36E-04	1.38E-04
357.85	6369.60	Grid Location	3.99E-10	3.56E+00	2.82E+00	1.80E+00	1.62E-04	1.61E-04	1.82E-04	1.61E-04	1.82E-04	1.86E-05	1.62E-04	2.46E-04	1.82E-04	2.46E-04	1.62E-04	1.64E-04	1.61E-04	1.63E-04
357.90	6369.60	Grid Location	4.62E-10	4.06E+00	3.09E+00	2.00E+00	1.90E-04	1.88E-04	2.11E-04	1.89E-04	2.11E-04	2.03E-05	1.90E-04	2.81E-04	2.11E-04	2.81E-04	1.90E-04	1.92E-04	1.89E-04	1.91E-04
357.95	6369.60	Grid Location	5.10E-10	4.43E+00	3.25E+00	2.14E+00	2.12E-04	2.11E-04	2.35E-04	2.11E-04	2.35E-04	2.13E-05	2.12E-04	3.08E-04	2.35E-04	3.08E-04	2.13E-04	2.15E-04	2.12E-04	2.14E-04
358.00	6369.60	Grid Location	5.38E-10	4.65E+00	3.34E+00	2.21E+00	2.28E-04	2.26E-04	2.51E-04	2.27E-04	2.51E-04	2.18E-05	2.28E-04	3.26E-04	2.51E-04	3.26E-04	2.28E-04	2.31E-04	2.27E-04	2.29E-04
356.50	6369.65	Grid Location	1.02E-09	8.60E+00	5.68E+00	3.89E+00	4.17E-04	4.15E-04	4.51E-04	4.16E-04	4.51E-04	3.12E-05	4.18E-04	5.58E-04	4.51E-04	5.58E-04	4.18E-04	4.22E-04	4.17E-04	4.19E-04
356.55	6369.65	Grid Location	1.00E-09	8.49E+00	5.65E+00	3.87E+00	4.10E-04	4.07E-04	4.43E-04	4.08E-04	4.43E-04	3.13E-05	4.10E-04	5.51E-04	4.43E-04	5.51E-04	4.10E-04	4.14E-04	4.09E-04	4.12E-04
356.60	6369.65	Grid Location	9.85E-10	8.37E+00	5.62E+00	3.84E+00	4.01E-04	3.99E-04	4.34E-04	3.99E-04	4.34E-04	3.14E-05	4.01E-04	5.43E-04	4.34E-04	5.43E-04	4.01E-04	4.05E-04	4.00E-04	4.03E-04
356.65	6369.65	Grid Location	9.71E-10	8.28E+00	5.60E+00	3.83E+00	3.94E-04	3.92E-04	4.28E-04	3.93E-04	4.28E-04	3.18E-05	3.95E-04	5.38E-04	4.28E-04	5.38E-04	3.95E-04	3.99E-04	3.94E-04	3.96E-04
356.70	6369.65	Grid Location	9.58E-10	8.20E+00	5.60E+00	3.83E+00	3.90E-04	3.87E-04	4.24E-04	3.88E-04	4.24E-04	3.24E-05	3.90E-04	5.36E-04	4.24E-04	5.36E-04	3.90E-04	3.94E-04	3.89E-04	3.92E-04
356.75	6369.65	Grid Location	9.36E-10	8.06E+00	5.57E+00	3.80E+00	3.81E-04	3.79E-04	4.16E-04	3.80E-04	4.16E-04	3.29E-05	3.82E-04	5.30E-04	4.16E-04	5.30E-04	3.82E-04	3.86E-04	3.81E-04	3.84E-04
356.80	6369.65	Grid Location	8.88E-10	7.69E+00	5.41E+00	3.68E+00	3.62E-04	3.59E-04	3.97E-04	3.60E-04	3.97E-04	3.28E-05	3.62E-04	5.10E-04	3.97E-04	5.10E-04	3.62E-04	3.66E-04	3.61E-04	3.64E-04
356.85	6369.65	Grid Location	8.17E-10	7.13E+00	5.19E+00	3.46E+00	3.33E-04	3.30E-04	3.68E-04	3.31E-04	3.68E-04	3.28E-05	3.33E-04	4.81E-04	3.68E-04	4.81E-04	3.33E-04	3.37E-04	3.32E-04	3.35E-04
356.90	6369.65	Grid Location	7.47E-10	6.58E+00	5.02E+00	3.24E+00	3.06E-04	3.04E-04	3.42E-04	3.04E-04	3.42E-04	3.37E-05	3.06E-04	4.58E-04	3.42E-04	4.58E-04	3.07E-04	3.11E-04	3.06E-04	3.08E-04
356.95	6369.65	Grid Location	6.90E-10	6.12E+00	4.78E+00	3.05E+00	2.88E-04	2.86E-04	3.24E-04	2.86E-04	3.24E-04	3.32E-05	2.88E-04	4.38E-04	3.24E-04	4.38E-04	2.89E-04	2.93E-04	2.87E-04	2.90E-04
357.00	6369.65	Grid Location	6.43E-10	5.71E+00	4.27E+00	2.86E+00	2.75E-04	2.73E-04	3.06E-04	2.73E-04	3.06E-04	2.90E-05	2.75E-04	4.06E-04	3.06E-04	4.06E-04	2.75E-04	2.79E-04	2.74E-04	2.77E-04
357.05	6369.65	Grid Location	5.61E-10	5.00E+00	3.56E+00	2.54E+00	2.43E-04	2.41E-04	2.67E-04	2.41E-04	2.67E-04	2.30E-05	2.43E-04	3.46E-04	2.67E-04	3.46E-04	2.43E-04	2.46E-04	2.42E-04	2.44E-04
357.10	6369.65	Grid Location	4.75E-10	4.29E+00	3.14E+00	2.24E+00	2.05E-04	2.03E-04	2.27E-04	2.03E-04	2.27E-04	2.06E-05	2.05E-04	2.98E-04	2.27E-04	2.98E-04	2.05E-04	2.07E-04	2.04E-04	2.06E-04
357.15	6369.65	Grid Location	4.07E-10	3.76E+00	3.00E+00	2.05E+00	1.74E-04	1.72E-04	1.96E-04	1.72E-04	1.96E-04	2.11E-05	1.74E-04	2.69E-04	1.96E-04	2.69E-04	1.74E-04	1.76E-04	1.73E-04	1.75E-04
357.20	6369.65	Grid Location	3.75E-10	3.49E+00	2.77E+00	1.93E+00	1.61E-04	1.59E-04	1.81E-04	1.60E-04	1.81E-04	1.90E-05	1.61E-04	2.46E-04	1.81E-04	2.46E-04	1.61E-04	1.63E-04	1.60E-04	1.62E-04
357.25	6369.65	Grid Location	3.49E-10	3.24E+00	2.44E+00	1.79E+00	1.49E-04	1.48E-04	1.66E-04	1.48E-04	1.66E-04	1.58E-05	1.49E-04	2.21E-04	1.66E-04	2.21E-04	1.50E-04	1.51E-04	1.49E-04	1.50E-04
357.30	6369.65	Grid Location	2.91E-10	2.73E+00	2.10E+00	1.53E+00	1.21E-04	1.20E-04	1.36E-04	1.20E-04	1.36E-04	1.37E-05	1.21E-04	1.83E-04	1.36E-04	1.83E-04	1.21E-04	1.23E-04	1.21E-04	1.22E-04
357.35	6369.65	Grid Location	2.33E-10	2.23E+00	1.83E+00	1.31E+00	9.41E-05	9.32E-05	1.07E-04	9.34E-05	1.07E-04	1.23E-05	9.41E-05	1.49E-04	1.07E-04	1.49E-04	9.42E-05	9.57E-05	9.38E-05	9.49E-05
357.40	6369.65	Grid Location	2.04E-10	1.98E+00	1.65E+00	1.18E+00	8.14E-05	8.07E-05	9.29E-05	8.08E-05	9.29E-05	1.08E-05	8.15E-05	1.30E-04	9.29E-05	1.30E-04	8.16E-05	8.29E-05	8.12E-05	8.21E-05
357.45	6369.65	Grid Location	1.95E-10	1.90E+00	1.62E+00	1.13E+00	7.71E-05	7.64E-05	8.83E-05	7.65E-05	8.83E-05	1.05E-05	7.72E-05	1.25E-04	8.83E-05	1.25E-04	7.73E-05	7.85E-05	7.69E-05	7.78E-05
357.50	6369.65	Grid Location	2.02E-10	1.93E+00	1.71E+00	1.11E+00	7.80E-05	7.72E-05	9.00E-05	7.74E-05	9.00E-05	1.13E-05	7.81E-05	1.29E-04	9.00E-05	1.29E-04	7.82E-05	7.95E-05	7.78E-05	7.87E-05
357.55	6369.65	Grid Location	2.16E-10	2.04E+00	1.81E+00	1.14E+00	8.32E-05	8.23E-05	9.58E-05	8.25E-05	9.58E-05	1.19E-05	8.32E-05	1.37E-04	9.58E-05	1.37E-04	8.33E-05	8.47E-05	8.29E-05	8.39E-05
357.60	6369.65	Grid Location	2.28E-10	2.14E+00	1.88E+00	1.18E+00	8.77E-05	8.68E-05	1.01E-04	8.70E-05	1.01E-04	1.21E-05	8.77E-05	1.42E-04	1.01E-04	1.42E-04	8.78E-05	8.93E-05	8.74E-05	8.84E-05
357.65	6369.65	Grid Location	2.48E-10	2.30E+00	1.97E+00	1.25E+00	9.58E-05	9.49E-05	1.09E-04	9.50E-05	1.09E-04	1.26E-05	9.58E-05	1.53E-04	1.09E-04	1.53E-04	9.59E-05	9.74E-05	9.55E-05	9.66E-05
357.70	6369.65	Grid Location	2.80E-10	2.56E+00	2.14E+00	1.35E+00	1.09E-04	1.08E-04	1.24E-04	1.09E-04	1.24E-04	1.35E-05	1.09E-04	1.71E-04	1.24E-04	1.71E-04	1.10E-04	1.11E-04	1.09E-04	1.10E-04
357.75	6369.65	Grid Location	3.14E-10	2.83E+00	2.32E+00	1.46E+00	1.24E-04	1.23E-04	1.40E-04	1.23E-04	1.40E-04	1.46E-05	1.24E-04	1.90E-04	1.40E-04	1.90E-04	1.24E-04	1.26E-04	1.24E-04	1.25E-04
357.80	6369.65	Grid Location	3.65E-10	3.25E+00	2.56E+00	1.64E+00	1.45E-04	1.44E-04	1.62E-04	1.45E-04	1.62E-04	1.60E-05	1.46E-04	2.18E-04	1.62E-04	2.18E-04	1.46E-04	1.48E-04	1.45E-04	1.46E-04
357.85	6369.65	Grid Location	4.29E-10	3.79E+00	2.85E+00	1.88E+00	1.73E-04	1.72E-04	1.92E-04	1.72E-04	1.92E-04	1.76E-05	1.73E-04	2.53E-04	1.92E-04	2.53E-04	1.73E-04	1.75E-04	1.73E-04	1.74E-04
357.90	6369.65	Grid Location	4.90E-10	4.28E+00	3.10E+00	2.09E+00	1.99E-04	1.98E-04	2.20E-04	1.98E-04	2.20E-04	1.91E-05	2.00E-04	2.85E-04	2.20E-04	2.85E-04	2.00E-04	2.02E-04	1.99E-04	2.01E-04
357.95	6369.65	Grid Location	5.33E-10	4.62E+00	3.27E+00	2.22E+00	2.19E-04	2.18E-04	2.40E-04	2.18E-04	2.40E-04	2.01E-05	2.19E-04	3.10E-04	2.40E-04	3.10E-04	2.19E-04	2.22E-04	2.19E-04	2.20E-04
358.00	6369.65	Grid Location	5.53E-10	4.77E+00	3.33E+00	2.26E+00	2.29E-04	2.28E-04	2.51E-04	2.28E-04	2.51E-04	2.06E-05	2.29E-04	3.22E-04	2.51E-04	3.22E-04	2.30E-04	2.32E-04	2.29E-04	2.31E-04
356.50	6369.70	Grid Location	9.88E-10	8.36E+00	5.54E+00	3.80E+00	4.08E-04	4.06E-04	4.41E-04	4.06E-04	4.41E-04	3.10E-05	4.08E-04	5.47E-04	4.41E-04	5.47E-04	4.08E-04	4.12E-04	4.07E-04	4.10E-04
356.55	6369.70	Grid Location	9.84E-10	8.35E+00	5.60E+00	3.82E+00	4.06E-04	4.03E-04	4.39E-04	4.04E-04	4.39E-04	3.18E-05	4.06E-04	5.49E-04	4.39E-04	5.49E-04	4.06E-04	4.10E-04	4.05E-04	4.08E-04
356.60	6369.70	Grid Location	9.72E-10	8.28E+00	5.63E+00	3.81E+00	3.99E-04	3.97E-04	4.34E-04	3.97E-04	4.34E-04	3.25E-05	3.99E-04	5.46E-04	4.34E-04	5.46E-04	4.00E-04	4.04E-04	3.99E-04	4.01E-04
356.65	6369.70	Grid Location	9.57E-10	8.18E+00	5.64E+00	3.79E+00	3.93E-04	3.91E-04	4.28E-04	3.91E-04	4.28E-04	3.32E-05	3.93E-04	5.43E-04	4.28E-04	5.43E-04	3.93E-04	3.97E-04	3.92E-04	3.95E-04
356.70	6369.70	Grid Location	9.45E-10	8.11E+00	5.66E+00	3.79E+00	3.89E-04	3.87E-04	4.25E-04	3.87E-04	4.25E-04	3.40E-05	3.89E-04	5.42E-04	4.25E-04	5.42E-04	3.89E-04	3.93E-04	3.88E-04	3.91E-04
356.75	6369.70	Grid Location	9.37E-10	8.07E+00	5.72E+00	3.80E+00	3.88E-04	3.85E-04	4.25E-04	3.86E-04	4.25E-04	3.53E-05	3.88E-04	5.47E-04	4.25E-04	5.47E-04	3.88E-04	3.92E-04	3.87E-04	3.90E-04
356.80	6369.70	Grid Location	9.17E-10	7.93E+00	5.74E+00	3.76E+00	3.82E-04	3.79E-04	4.21E-04	3.80E-04	4.21E-04	3.65E-05	3.82E-04	5.46E-04	4.21E-04	5.46E-04	3.82E-04	3.87E-04	3.81E-04	3.84E-04
356.85	6369.70	Grid Location	8.73E-10	7.59E+00	5.61E+00	3.64E+00	3.67E-04	3.64E-04	4.06E-04	3.64E-04	4.06E-04	3.70E-05	3.67E-04	5.33E-04	4.06E-04	5.33E-04	3.67E-04	3.71E-04	3.66E-04	3.69E-04
356.90	6369.70	Grid Location	8.06E-10	7.04E+00	5.27E+00	3.42E+00	3.42E-04	3.39E-04	3.80E-04	3.40E-04	3.80E-04	3.55E-05	3.42E-04	5.02E-04	3.80E-04	5.02E-04	3.42E-04	3.46E-04	3.41E-04	3.44E-04

356.95	6369.70 Grid Location	7.30E-10	6.41E+00	4.74E+00	3.13E+00	3.15E-04	3.13E-04	3.49E-04	3.13E-04	3.49E-04	3.20E-05	3.15E-04	4.59E-04	3.49E-04	4.59E-04	3.15E-04	3.19E-04	3.14E-04	3.17E-04
357.00	6369.70 Grid Location	6.66E-10	5.86E+00	4.21E+00	2.88E+00	2.92E-04	2.90E-04	3.21E-04	2.91E-04	3.21E-04	2.76E-05	2.92E-04	4.17E-04	3.21E-04	4.17E-04	2.92E-04	2.96E-04	2.92E-04	2.94E-04
357.05	6369.70 Grid Location	5.93E-10	5.23E+00	3.72E+00	2.60E+00	2.61E-04	2.59E-04	2.86E-04	2.59E-04	2.86E-04	2.37E-05	2.61E-04	3.68E-04	2.86E-04	3.68E-04	2.61E-04	2.64E-04	2.60E-04	2.62E-04
357.10	6369.70 Grid Location	4.98E-10	4.48E+00	3.39E+00	2.31E+00	2.16E-04	2.14E-04	2.40E-04	2.15E-04	2.40E-04	2.27E-05	2.16E-04	3.18E-04	2.40E-04	3.18E-04	2.16E-04	2.19E-04	2.15E-04	2.17E-04
357.15	6369.70 Grid Location	4.43E-10	4.04E+00	3.12E+00	2.15E+00	1.90E-04	1.89E-04	2.13E-04	1.89E-04	2.13E-04	2.12E-05	1.90E-04	2.86E-04	2.13E-04	2.86E-04	1.90E-04	1.93E-04	1.90E-04	1.91E-04
357.20	6369.70 Grid Location	4.27E-10	3.89E+00	2.85E+00	2.07E+00	1.85E-04	1.84E-04	2.04E-04	1.84E-04	2.04E-04	1.84E-05	1.85E-04	2.68E-04	2.04E-04	2.68E-04	1.85E-04	1.87E-04	1.84E-04	1.86E-04
357.25	6369.70 Grid Location	3.99E-10	3.63E+00	2.56E+00	1.93E+00	1.71E-04	1.70E-04	1.88E-04	1.70E-04	1.88E-04	1.57E-05	1.71E-04	2.42E-04	1.88E-04	2.42E-04	1.71E-04	1.73E-04	1.71E-04	1.72E-04
357.30	6369.70 Grid Location	3.42E-10	3.14E+00	2.27E+00	1.70E+00	1.43E-04	1.42E-04	1.58E-04	1.43E-04	1.58E-04	1.41E-05	1.43E-04	2.07E-04	1.58E-04	2.07E-04	1.44E-04	1.45E-04	1.43E-04	1.44E-04
357.35	6369.70 Grid Location	2.84E-10	2.66E+00	2.03E+00	1.48E+00	1.16E-04	1.15E-04	1.30E-04	1.15E-04	1.30E-04	1.30E-05	1.16E-04	1.75E-04	1.30E-04	1.75E-04	1.16E-04	1.18E-04	1.16E-04	1.17E-04
357.40	6369.70 Grid Location	2.54E-10	2.40E+00	1.88E+00	1.36E+00	1.03E-04	1.02E-04	1.15E-04	1.02E-04	1.15E-04	1.19E-05	1.03E-04	1.56E-04	1.15E-04	1.56E-04	1.03E-04	1.04E-04	1.03E-04	1.04E-04
357.45	6369.70 Grid Location	2.41E-10	2.27E+00	1.83E+00	1.28E+00	9.67E-05	9.59E-05	1.09E-04	9.60E-05	1.09E-04	1.14E-05	9.67E-05	1.48E-04	1.09E-04	1.48E-04	9.68E-05	9.82E-05	9.64E-05	9.74E-05
357.50	6369.70 Grid Location	2.38E-10	2.23E+00	1.89E+00	1.24E+00	9.32E-05	9.24E-05	1.06E-04	9.25E-05	1.06E-04	1.21E-05	9.32E-05	1.48E-04	1.06E-04	1.48E-04	9.34E-05	9.48E-05	9.29E-05	9.40E-05
357.55	6369.70 Grid Location	2.45E-10	2.27E+00	1.96E+00	1.23E+00	9.47E-05	9.39E-05	1.08E-04	9.40E-05	1.08E-04	1.26E-05	9.48E-05	1.52E-04	1.08E-04	1.52E-04	9.49E-05	9.64E-05	9.45E-05	9.55E-05
357.60	6369.70 Grid Location	2.63E-10	2.41E+00	2.02E+00	1.29E+00	1.01E-04	1.00E-04	1.15E-04	1.00E-04	1.15E-04	1.28E-05	1.01E-04	1.59E-04	1.15E-04	1.59E-04	1.01E-04	1.03E-04	1.01E-04	1.02E-04
357.65	6369.70 Grid Location	2.84E-10	2.58E+00	2.11E+00	1.36E+00	1.09E-04	1.08E-04	1.23E-04	1.08E-04	1.23E-04	1.31E-05	1.09E-04	1.68E-04	1.23E-04	1.68E-04	1.09E-04	1.11E-04	1.09E-04	1.10E-04
357.70	6369.70 Grid Location	3.06E-10	2.76E+00	2.25E+00	1.43E+00	1.18E-04	1.17E-04	1.33E-04	1.17E-04	1.33E-04	1.39E-05	1.18E-04	1.81E-04	1.33E-04	1.81E-04	1.18E-04	1.20E-04	1.18E-04	1.19E-04
357.75	6369.70 Grid Location	3.42E-10	3.05E+00	2.43E+00	1.54E+00	1.33E-04	1.32E-04	1.49E-04	1.33E-04	1.49E-04	1.49E-05	1.33E-04	2.01E-04	1.49E-04	2.01E-04	1.34E-04	1.35E-04	1.33E-04	1.34E-04
357.80	6369.70 Grid Location	3.92E-10	3.45E+00	2.63E+00	1.70E+00	1.55E-04	1.54E-04	1.72E-04	1.54E-04	1.72E-04	1.60E-05	1.55E-04	2.27E-04	1.72E-04	2.27E-04	1.55E-04	1.57E-04	1.55E-04	1.56E-04
357.85	6369.70 Grid Location	4.52E-10	3.94E+00	2.88E+00	1.91E+00	1.82E-04	1.80E-04	2.00E-04	1.81E-04	2.00E-04	1.72E-05	1.82E-04	2.59E-04	2.00E-04	2.59E-04	1.82E-04	1.84E-04	1.81E-04	1.83E-04
357.90	6369.70 Grid Location	5.05E-10	4.38E+00	3.08E+00	2.11E+00	2.05E-04	2.04E-04	2.25E-04	2.04E-04	2.25E-04	1.82E-05	2.05E-04	2.88E-04	2.25E-04	2.88E-04	2.06E-04	2.08E-04	2.05E-04	2.07E-04
357.95	6369.70 Grid Location	5.44E-10	4.70E+00	3.23E+00	2.24E+00	2.23E-04	2.22E-04	2.44E-04	2.22E-04	2.44E-04	1.91E-05	2.23E-04	3.10E-04	2.44E-04	3.10E-04	2.23E-04	2.26E-04	2.23E-04	2.24E-04
358.00	6369.70 Grid Location	5.63E-10	4.84E+00	3.29E+00	2.28E+00	2.32E-04	2.31E-04	2.53E-04	2.31E-04	2.53E-04	1.95E-05	2.32E-04	3.20E-04	2.53E-04	3.20E-04	2.32E-04	2.35E-04	2.32E-04	2.33E-04
356.50	6369.75 Grid Location	9.76E-10	8.27E+00	5.53E+00	3.77E+00	4.06E-04	4.04E-04	4.40E-04	4.04E-04	4.40E-04	3.18E-05	4.06E-04	5.49E-04	4.40E-04	5.49E-04	4.06E-04	4.10E-04	4.05E-04	4.08E-04
356.55	6369.75 Grid Location	9.74E-10	8.28E+00	5.61E+00	3.80E+00	4.06E-04	4.03E-04	4.40E-04	4.04E-04	4.40E-04	3.28E-05	4.06E-04	5.53E-04	4.40E-04	5.53E-04	4.06E-04	4.10E-04	4.05E-04	4.08E-04
356.60	6369.75 Grid Location	9.69E-10	8.26E+00	5.68E+00	3.81E+00	4.03E-04	4.01E-04	4.39E-04	4.01E-04	4.39E-04	3.38E-05	4.03E-04	5.55E-04	4.39E-04	5.55E-04	4.04E-04	4.08E-04	4.02E-04	4.05E-04
356.65	6369.75 Grid Location	9.63E-10	8.23E+00	5.75E+00	3.82E+00	4.01E-04	3.98E-04	4.38E-04	3.98E-04	4.38E-04	3.48E-05	4.01E-04	5.58E-04	4.38E-04	5.58E-04	4.01E-04	4.05E-04	4.00E-04	4.03E-04
356.70	6369.75 Grid Location	9.60E-10	8.23E+00	5.83E+00	3.83E+00	4.01E-04	3.98E-04	4.39E-04	3.99E-04	4.39E-04	3.62E-05	4.01E-04	5.64E-04	4.39E-04	5.64E-04	4.01E-04	4.06E-04	4.00E-04	4.03E-04
356.75	6369.75 Grid Location	9.60E-10	8.25E+00	5.95E+00	3.86E+00	4.05E-04	4.02E-04	4.45E-04	4.02E-04	4.45E-04	3.80E-05	4.05E-04	5.76E-04	4.45E-04	5.76E-04	4.05E-04	4.10E-04	4.04E-04	4.07E-04
356.80	6369.75 Grid Location	9.50E-10	8.19E+00	5.99E+00	3.85E+00	4.05E-04	4.02E-04	4.47E-04	4.03E-04	4.47E-04	3.93E-05	4.05E-04	5.83E-04	4.47E-04	5.83E-04	4.06E-04	4.10E-04	4.04E-04	4.08E-04
356.85	6369.75 Grid Location	9.27E-10	8.01E+00	5.85E+00	3.79E+00	4.01E-04	3.98E-04	4.42E-04	3.99E-04	4.42E-04	3.89E-05	4.01E-04	5.77E-04	4.42E-04	5.77E-04	4.01E-04	4.06E-04	4.00E-04	4.03E-04
356.90	6369.75 Grid Location	8.72E-10	7.55E+00	5.42E+00	3.60E+00	3.82E-04	3.80E-04	4.20E-04	3.80E-04	4.20E-04	3.58E-05	3.82E-04	5.44E-04	4.20E-04	5.44E-04	3.83E-04	3.87E-04	3.81E-04	3.85E-04
356.95	6369.75 Grid Location	7.94E-10	6.89E+00	4.82E+00	3.30E+00	3.52E-04	3.49E-04	3.85E-04	3.50E-04	3.85E-04	3.11E-05	3.52E-04	4.92E-04	3.85E-04	4.92E-04	3.52E-04	3.56E-04	3.51E-04	3.54E-04
357.00	6369.75 Grid Location	6.94E-10	6.05E+00	4.19E+00	2.93E+00	3.08E-04	3.06E-04	3.36E-04	3.06E-04	3.36E-04	2.64E-05	3.08E-04	4.27E-04	3.36E-04	4.27E-04	3.08E-04	3.11E-04	3.07E-04	3.10E-04
357.05	6369.75 Grid Location	6.02E-10	5.30E+00	3.82E+00	2.62E+00	2.64E-04	2.63E-04	2.90E-04	2.63E-04	2.90E-04	2.45E-05	2.64E-04	3.75E-04	2.90E-04	3.75E-04	2.65E-04	2.68E-04	2.64E-04	2.66E-04
357.10	6369.75 Grid Location	5.35E-10	4.78E+00	3.65E+00	2.42E+00	2.32E-04	2.31E-04	2.58E-04	2.31E-04	2.58E-04	2.45E-05	2.32E-04	3.43E-04	2.58E-04	3.43E-04	2.33E-04	2.36E-04	2.32E-04	2.34E-04
357.15	6369.75 Grid Location	4.98E-10	4.47E+00	3.39E+00	2.30E+00	2.16E-04	2.15E-04	2.40E-04	2.15E-04	2.40E-04	2.25E-05	2.16E-04	3.18E-04	2.40E-04	3.18E-04	2.17E-04	2.19E-04	2.16E-04	2.18E-04
357.20	6369.75 Grid Location	4.72E-10	4.24E+00	3.08E+00	2.18E+00	2.05E-04	2.04E-04	2.26E-04	2.04E-04	2.26E-04	1.94E-05	2.06E-04	2.93E-04	2.26E-04	2.93E-04	2.06E-04	2.08E-04	2.05E-04	2.07E-04
357.25	6369.75 Grid Location	4.26E-10	3.84E+00	2.72E+00	1.99E+00	1.83E-04	1.82E-04	2.01E-04	1.82E-04	2.01E-04	1.66E-05	1.83E-04	2.58E-04	2.01E-04	2.58E-04	1.83E-04	1.85E-04	1.83E-04	1.84E-04
357.30	6369.75 Grid Location	3.72E-10	3.38E+00	2.45E+00	1.78E+00	1.56E-04	1.55E-04	1.72E-04	1.56E-04	1.72E-04	1.51E-05	1.57E-04	2.24E-04	1.72E-04	2.24E-04	1.57E-04	1.58E-04	1.56E-04	1.57E-04
357.35	6369.75 Grid Location	3.21E-10	2.95E+00	2.26E+00	1.60E+00	1.32E-04	1.31E-04	1.47E-04	1.31E-04	1.47E-04	1.43E-05	1.32E-04	1.96E-04	1.47E-04	1.96E-04	1.32E-04	1.34E-04	1.32E-04	1.33E-04
357.40	6369.75 Grid Location	2.93E-10	2.71E+00	2.12E+00	1.48E+00	1.19E-04	1.18E-04	1.34E-04	1.19E-04	1.34E-04	1.34E-05	1.19E-04	1.80E-04	1.34E-04	1.80E-04	1.20E-04	1.21E-04	1.19E-04	1.20E-04
357.45	6369.75 Grid Location	2.79E-10	2.58E+00	2.03E+00	1.40E+00	1.13E-04	1.12E-04	1.26E-04	1.12E-04	1.26E-04	1.25E-05	1.13E-04	1.70E-04	1.26E-04	1.70E-04	1.13E-04	1.15E-04	1.13E-04	1.14E-04
357.50	6369.75 Grid Location	2.73E-10	2.51E+00	2.01E+00	1.35E+00	1.08E-04	1.07E-04	1.21E-04	1.08E-04	1.21E-04	1.24E-05	1.08E-04	1.64E-04	1.21E-04	1.64E-04	1.08E-04	1.10E-04	1.08E-04	1.09E-04
357.55	6369.75 Grid Location	2.80E-10	2.55E+00	2.08E+00	1.34E+00	1.09E-04	1.08E-04	1.23E-04	1.08E-04	1.23E-04	1.30E-05	1.09E-04	1.67E-04	1.23E-04	1.67E-04	1.09E-04	1.11E-04	1.09E-04	1.10E-04
357.60	6369.75 Grid Location	2.98E-10	2.69E+00	2.18E+00	1.39E+00	1.15E-04	1.14E-04	1.29E-04	1.14E-04	1.29E-04	1.35E-05	1.15E-04	1.76E-04	1.29E-04	1.76E-04	1.15E-04	1.17E-04	1.15E-04	1.16E-04
357.65	6369.75 Grid Location	3.16E-10	2.84E+00	2.26E+00	1.46E+00	1.22E-04	1.21E-04	1.37E-04	1.21E-04	1.37E-04	1.39E-05	1.22E-04	1.84E-04	1.37E-04	1.84E-04	1.22E-04	1.24E-04	1.22E-04	1.23E-04
357.70	6369.75 Grid Location	3.43E-10	3.06E+00	2.38E+00	1.54E+00	1.32E-04	1.31E-04	1.47E-04	1.31E-04	1.47E-04	1.43E-05	1.32E-04	1.97E-04	1.47E-04	1.97E-04	1.32E-04	1.34E-04	1.32E-04	1.33E-04
357.75	6369.75 Grid Location	3.77E-10	3.32E+00	2.52E+00	1.64E+00	1.46E-04	1.45E-04	1.62E-04	1.45E-04	1.62E-04	1.50E-05	1.46E-04	2.14E-04	1.62E-04	2.14E-04	1.46E-04	1.48E-04	1.46E-04	1.47E-04
357.80	6369.75 Grid Location	4.18E-10	3.65E+00	2.69E+00	1.77E+00	1.64E-04	1.63E-04	1.81E-04	1.63E-04	1.81E-04	1.59E-05	1.64E-04	2.36E-04	1.81E-04	2.36E-04	1.64E-04	1.66E-04	1.64E-04	1.65E-04
357.85	6369.75 Grid Location	4.66E-10	4.03E+00	2.88E+00	1.92E+00	1.86E-04	1.85E-04	2.04E-04	1.85E-04	2.04E-04	1.69E-05	1.86E-04	2.62E-04	2.04E-04	2.62E-04	1.86E-04	1.88E-04	1.86E-04	1.87E-04
357.90	6369.75 Grid Location	5.07E-10	4.37E+00	3.04E+00	2.07E+00	2.06E-04	2.05E-04	2.25E-04	2.05E-04	2.25E-04	1.77E-05	2.06E-04	2.85E-04	2.25E-04	2.85E-04	2.06E-04	2.08E-04	2.05E-04	2.07E-04
357.95	6369.75 Grid Location	5.37E-10	4.62E+00	3.14E+00	2.18E+00	2.20E-04	2.19E-04	2.40E-04	2.19E-04	2.40E-04	1.81E-05	2.20E-04	3.02E-04	2.40E-04	3.02E-04	2.21E-04	2.23E-04	2.20E-04	2.22E-04
358.00	6369.75 Grid Location	5.57E-10	4.78E+00	3.20E+00	2.24E+00	2.30E-04	2.29E-04	2.50E-04	2.29E-04	2.50E-04	1.84E-05	2.30E-04	3.13E-04	2.50E-04	3.13E-04	2.30E-04	2.32E-04	2.30E-04	2.31E-04
356.50	6369.80 Grid Location	9.77E-10	8.29E+00	5.59E+00	3.79E+00	4.11E-04	4.08E-04	4.46E-04	4.09E-04	4.46E-04	3.29E-05	4.11E-04	5.59E-04	4.46E-04	5.59E-04	4.11E-04	4.15E-04	4.10E-04	4.13E-04
356.55	6369.80 Grid Location	9.85E-10	8.37E+00	5.72E+00	3.84E+00	4.15E-04	4.13E-04	4.52E-04	4.13E-04	4.52E-04	3.42E-05	4.15E-04	5.69E-04	4.52E-04	5.69E-04	4.16E-04	4.20E-04	4.14E-04	4.17E-04
356.60	6369.80 Grid Location	9.82E-10	8.37E+00	5.79E+00	3.85E+00	4.14E-04	4.12E-04	4.52E-04	4.12E-04	4.52E-04	3.51E-05	4.14E-04	5.73E-04	4.52E-04	5.73E-04	4.15E-04	4.19E-04	4.14E-04	4.17E-04
356.65	6369.80 Grid Location	9.88E-10	8.44E+00	5.93E+00	3.90E+00	4.18E-04	4.15E-04	4.57E-04	4.16E-04	4.57E-04	3.67E-05	4.18E-04	5.84E-04	4.57E-04	5.84E-04	4.19E-04	4.23E-04	4.17E-04	4.20E-04
356.70	6369.80 Grid Location	9.94E-10	8.50E+00	6.08E+00	3.94E+00	4.23E-04	4.20E-04	4.64E-04	4.21E-04	4.64E-04	3.87E-05	4.23E-04	5.97E-04	4.64E-04	5.97E-04	4.23E-04	4.28E-04	4.22E-04	4.25E-04
356.75	6369.80 Grid Location	9.99E-10	8.56E+00	6.19E+00	3.98E+00	4.30E-04	4.27E-04	4.73E-04	4.28E-04	4.73E-04	4.04E-05	4.30E-04	6.13E-04	4.73E-04	6.13E-04	4.31E-04	4.36E-04	4.29E-04	4.33E-04
356.80	6369.80 Grid Location	1.00E-09	8.59E+00	6.22E+00	4.01E+00	4.38E-04	4.35E-04	4.82E-04	4.36E-04	4.82E-04	4.12E-05	4.38E-04	6.24E-04	4.82E-04	6.24E-04	4.39E-04	4.43E-04	4.37E-04	4.41E-04
356.85	6369.80 Grid Location	9.78E-10	8.40E+00	5.98E+00	3.93E+00	4.35E-04	4.32E-04	4.77E-04	4.32E-04	4.77E-04	3.94E-05	4.35E-04	6.13E-04	4.77E-04	6.13E-04	4.35E-04	4.40E-04	4.34E-04	4.37E-04
356.90	6369.80 Grid Location	9.35E-10	8.03E+00	5.55E+00	3.76E+00	4.20E-04	4.18E-04	4.58E-04	4.18E-04	4.58E-04	3.58E-05	4.20E-04	5.82E-04	4.58E-04	5.82E-04	4.21E-04	4.25E-04	4.19E-04	4.22E-04
356.95	6369.80 Grid Location	8.54E-10	7.35E+00	4.96E+00	3.46E+00	3.84E-04	3.82E-04	4.17E-04	3.83E-04	4.17E-04	3.09E-05	3.84E-04	5.24E-04	4.17E-04	5.24E-04	3.85E-04	3.88E-04	3.84E-04	3.86E-04
357.00	6369.80 Grid Location	7.35E-10	6.36E+00	4.35E+00	3.04E+00	3.27E-04	3.25E-04	3.55E-04	3.25E-04	3.55E-04	2.67E-05	3.27E-04	4.48E-04	3.55E-04	4.48E-04	3.27E-04	3.30E-04	3.26E-04	3.29E-04
357.05	6369.80 Grid Location	6.36E-10	5.58E+00	4.04E+00	2.73E+00	2.78E-04	2.77E-04	3.06E-04	2.77E-04	3.06E-04	2.60E-05	2.78E-04	3.96E-04	3.06E-04	3.96E-04	2.79E-04	2.82E-04	2.78E-04	2.80E-04
357.10	6369.80 Grid Location	5.74E-10	5.09E+00	3.81E+00	2.54E+00	2.49E-04	2.48E-04	2.76E-04	2.48E-04	2.76E-04	2.51E-05	2.50E-04	3.63E-04	2.76E-04	3.63E-04	2.50E-04	2.53E-04	2.49E-04	2.51E-04
357.15	6369.80 Grid Location	5.54E-10	4.90E+00	3.56E+00	2.46E+00	2.42E-04	2.41E-04	2.66E-04	2.41E-04	2.66E-04	2.26E-05	2.42E-04	3.44E-04	2.66E-04	3.44E-04	2.42E-04	2.45E-04	2.42E-04	2.44E-04
357.20	6369.80 Grid Location	5.28E-10	4.67E+00	3.26E+00	2.34E+00	2.31E-04	2.29E-04	2.52E-04	2.29E-04	2.52E-04	1.98E-05	2.31E-04	3.20E-04	2.52E-04	3.20E-04	2.31E-04	2.33E-04	2.30E-04	2.32E-04
357.25	6369.80 Grid Location	4.71E-10	4.18E+00	2.89E+00	2.11E+00	2.02E-04	2.01E-04	2.20E-04	2.01E-04	2.20E-04	1.72E-05	2.02E-04	2.80E-04	2.20E-04	2.80E-04	2.02E-04	2.04E-04	2.02E-04	2.03E-04
357.30	6369.80 Grid Location	4.16E-10	3.72E+00	2.65E+00	1.91E+00	1.75E-04	1.74E-04	1.92E-04	1.74E-04	1.92E-04	1.59E-05	1.75E-04	2.47E-04	1.92E-04	2.47E-04	1.75E-04	1.77E-04	1.75E-04	1.76E-04
357.35	6369.80 Grid Location	3.65E-10	3.31E+00	2.46E+00	1.74E+00	1.51E-04	1.49E-04	1.67E-04	1.50E-04	1.67E-04	1.52E-05	1.51E-04	2.19E-04	1.67E-04	2.19E-04	1.51E-04	1.53E-04	1.50E-04	1.52E-04
357.40	6369.80 Grid Location	3.37E-10	3.07E+00	2.31E+00	1.63E+00	1.38E-04	1.37E-04	1.53E-04	1.37E-04	1.53E-04	1.44E-05	1.38E-04	2.03E-04	1.53E-04	2.03E-04	1.38E-04	1.40E-04	1.38E-04	1.39E-04
357.45	6369.80 Grid Location	3.26E-10	2.96E+00	2.22E+00	1.56E+00	1.33E-04	1.32E-04	1.48E-04	1.32E-04	1.48E-04	1.34E-05	1.33E-04	1.94E-04	1.48E-04	1.94E-04	1.33E-04	1.35E-04	1.33E-04	1.34E-04
357.50	6369.80 Grid Location	3.17E-10	2.87E+00	2.16E+00	1.50E+00	1.28E-04	1.27E-04	1.41E-04	1.27E-04	1.41E-04	1.28E-05	1.28E-04	1.86E-04	1.41E-04	1.86E-04	1.28E-04	1.29E-04	1.27E-04	1.28E-04
357.55	6369.80 Grid Location	3.16E-10	2.84E+00	2.21E+00	1.47E+00	1.24E-04	1.23E-04	1.38E-04	1.23E-04	1.38E-04	1.34E-05	1.24E-04	1.84E-04	1.38E-04	1.84E-04	1.24E-04	1.26E-04	1.24E-04	1.25E-04
357.60	6369.80 Grid Location	3.29E-10	2.93E+00	2.31E+00	1.48E+00	1.27E-04	1.26E-04	1.42E-04	1.26E-04	1.42E-04	1.42E-05	1.27E-04	1.91E-04	1.42E-04	1.91E-04	1.27E-04	1.29E-04	1.27E-04	1.28E-04
357.65	6369.80 Grid Location	3.57E-10	3.15E+00	2.42E+00	1.57E+00	1.38E-04	1.37E-04	1.54E-04	1.37E-04	1.54E-04	1.47E-05	1.38E-04	2.04E-04	1.54E-04	2.04E-04	1.38E-04	1.40E-04	1.38E-04	1.39E-04
357.70	6369.80 Grid Location	3.84E-10	3.38E+00	2.50E+00	1.66E+00	1.49E-04	1.48E-04	1.64E-04	1.48E-04	1.64E-04	1.47E-05	1.49E-04	2.15E-04	1.64E-04	2.15E-04	1.49E-04	1.51E-04	1.48E-04	1.50E-04
357.75	6369.80 Grid Location	4.11E-10	3.59E+00	2.59E+00	1.74E+00	1.59E-04	1.58E-04	1.75E-04	1.59E-04	1.75E-04	1.49E-05	1.59E-04	2.27E-04	1.75E-04	2.27E-04	1.60E-04	1.61E-04	1.59E-04	1.60E-04
357.80	6369.80 Grid Location	4.40E-10	3.82E+00	2.71E+00	1.83E+00	1.72E-04	1.71E-04	1.88E-04	1.71E-04	1.88E-04	1.55E-05	1.72E-04	2.42E-04	1.88E-04	2.42E-04	1.72E-04	1.74E-04	1.71E-04	1.73E-04
357.85	6369.80 Grid Location	4.71E-10	4.06E+00	2.85E+00	1.92E+00	1.87E-04	1.85E-04	2.04E-04	1.86E-04	2.04E-04	1.63E-05	1.87E-04	2.60E-04	2.04E-04	2.60E-04	1.87E-04	1.89E-04	1.86E-04	1.88E-04
357.90	6369.80 Grid Location	5.00E-10	4.29E+00	2.95E+00	2.01E+00	2.01E-04	2.00E-04	2.19E-04	2.00E-04	2.19E-04	1.70E-05	2.01E-04	2.78E-04	2.19E-04	2.78E-04	2.01E-04	2.03E-04	2.01E-04	2.02E-04
357.95	6369.80 Grid Location	5.24E-10	4.48E+00	3.03E+00	2.09E+00	2.14E-04	2.13E-04	2.32E-04	2.13E-04	2.32E-04	1.74E-05	2.14E-04	2.92E-04	2.32E-04	2.92E-04	2.14E-04	2.16E-04	2.14E-04	2.15E-04

358.00	6369.80	Grid Location	5.45E-10	4.65E+00	3.09E+00	2.16E+00	2.25E-04	2.24E-04	2.44E-04	2.24E-04	2.44E-04	1.76E-05	2.25E-04	3.05E-04	2.44E-04	3.05E-04	2.25E-04	2.28E-04	2.25E-04	2.26E-04
356.50	6369.85	Grid Location	9.81E-10	8.32E+00	5.63E+00	3.80E+00	4.16E-04	4.14E-04	4.52E-04	4.14E-04	4.52E-04	3.36E-05	4.17E-04	5.68E-04	4.52E-04	5.68E-04	4.17E-04	4.21E-04	4.16E-04	4.19E-04
356.55	6369.85	Grid Location	9.94E-10	8.45E+00	5.77E+00	3.86E+00	4.24E-04	4.22E-04	4.61E-04	4.22E-04	4.61E-04	3.50E-05	4.24E-04	5.82E-04	4.61E-04	5.82E-04	4.25E-04	4.29E-04	4.23E-04	4.26E-04
356.60	6369.85	Grid Location	1.00E-09	8.52E+00	5.91E+00	3.91E+00	4.29E-04	4.27E-04	4.68E-04	4.27E-04	4.68E-04	3.64E-05	4.29E-04	5.93E-04	4.68E-04	5.93E-04	4.30E-04	4.34E-04	4.28E-04	4.32E-04
356.65	6369.85	Grid Location	1.02E-09	8.69E+00	6.12E+00	3.99E+00	4.40E-04	4.37E-04	4.81E-04	4.38E-04	4.81E-04	3.86E-05	4.40E-04	6.14E-04	4.81E-04	6.14E-04	4.40E-04	4.45E-04	4.39E-04	4.42E-04
356.70	6369.85	Grid Location	1.04E-09	8.87E+00	6.33E+00	4.09E+00	4.52E-04	4.49E-04	4.96E-04	4.50E-04	4.96E-04	4.10E-05	4.52E-04	6.37E-04	4.96E-04	6.37E-04	4.53E-04	4.58E-04	4.51E-04	4.55E-04
356.75	6369.85	Grid Location	1.05E-09	8.95E+00	6.40E+00	4.13E+00	4.62E-04	4.59E-04	5.07E-04	4.59E-04	5.07E-04	4.21E-05	4.62E-04	6.52E-04	5.07E-04	6.52E-04	4.62E-04	4.67E-04	4.61E-04	4.64E-04
356.80	6369.85	Grid Location	1.04E-09	8.90E+00	6.29E+00	4.12E+00	4.66E-04	4.63E-04	5.10E-04	4.64E-04	5.10E-04	4.14E-05	4.66E-04	6.53E-04	5.10E-04	6.53E-04	4.67E-04	4.71E-04	4.65E-04	4.69E-04
356.85	6369.85	Grid Location	1.01E-09	8.65E+00	5.98E+00	4.00E+00	4.59E-04	4.56E-04	5.00E-04	4.56E-04	5.00E-04	3.87E-05	4.59E-04	6.33E-04	5.00E-04	6.33E-04	4.59E-04	4.64E-04	4.58E-04	4.61E-04
356.90	6369.85	Grid Location	9.59E-10	8.19E+00	5.50E+00	3.79E+00	4.36E-04	4.34E-04	4.73E-04	4.34E-04	4.73E-04	3.45E-05	4.36E-04	5.92E-04	4.73E-04	5.92E-04	4.37E-04	4.41E-04	4.35E-04	4.38E-04
356.95	6369.85	Grid Location	8.85E-10	7.57E+00	5.03E+00	3.52E+00	4.00E-04	3.98E-04	4.33E-04	3.98E-04	4.33E-04	3.06E-05	4.00E-04	5.38E-04	4.33E-04	5.38E-04	4.00E-04	4.04E-04	3.99E-04	4.02E-04
357.00	6369.85	Grid Location	7.87E-10	6.78E+00	4.65E+00	3.20E+00	3.50E-04	3.48E-04	3.80E-04	3.48E-04	3.80E-04	2.86E-05	3.50E-04	4.79E-04	3.80E-04	4.79E-04	3.50E-04	3.54E-04	3.49E-04	3.52E-04
357.05	6369.85	Grid Location	7.00E-10	6.09E+00	4.38E+00	2.93E+00	3.07E-04	3.05E-04	3.36E-04	3.05E-04	3.36E-04	2.81E-05	3.07E-04	4.33E-04	3.36E-04	4.33E-04	3.07E-04	3.10E-04	3.06E-04	3.08E-04
357.10	6369.85	Grid Location	6.48E-10	5.67E+00	4.09E+00	2.76E+00	2.83E-04	2.81E-04	3.11E-04	2.82E-04	3.11E-04	2.61E-05	2.83E-04	4.01E-04	3.11E-04	4.01E-04	2.84E-04	2.87E-04	2.83E-04	2.85E-04
357.15	6369.85	Grid Location	6.07E-10	5.31E+00	3.71E+00	2.60E+00	2.66E-04	2.64E-04	2.90E-04	2.65E-04	2.90E-04	2.28E-05	2.66E-04	3.69E-04	2.90E-04	3.69E-04	2.66E-04	2.69E-04	2.65E-04	2.67E-04
357.20	6369.85	Grid Location	5.62E-10	4.92E+00	3.37E+00	2.42E+00	2.44E-04	2.43E-04	2.66E-04	2.43E-04	2.66E-04	2.00E-05	2.44E-04	3.35E-04	2.66E-04	3.35E-04	2.45E-04	2.47E-04	2.44E-04	2.46E-04
357.25	6369.85	Grid Location	5.08E-10	4.47E+00	3.05E+00	2.22E+00	2.17E-04	2.16E-04	2.36E-04	2.16E-04	2.36E-04	1.79E-05	2.17E-04	2.98E-04	2.36E-04	2.98E-04	2.17E-04	2.20E-04	2.17E-04	2.18E-04
357.30	6369.85	Grid Location	4.56E-10	4.04E+00	2.83E+00	2.03E+00	1.92E-04	1.91E-04	2.10E-04	1.91E-04	2.10E-04	1.68E-05	1.92E-04	2.68E-04	2.10E-04	2.68E-04	1.92E-04	1.94E-04	1.91E-04	1.93E-04
357.35	6369.85	Grid Location	4.09E-10	3.66E+00	2.67E+00	1.88E+00	1.69E-04	1.68E-04	1.86E-04	1.68E-04	1.86E-04	1.63E-05	1.69E-04	2.43E-04	1.86E-04	2.43E-04	1.69E-04	1.71E-04	1.69E-04	1.70E-04
357.40	6369.85	Grid Location	3.78E-10	3.40E+00	2.51E+00	1.76E+00	1.55E-04	1.54E-04	1.71E-04	1.54E-04	1.71E-04	1.54E-05	1.55E-04	2.24E-04	1.71E-04	2.24E-04	1.55E-04	1.57E-04	1.54E-04	1.56E-04
357.45	6369.85	Grid Location	3.66E-10	3.28E+00	2.42E+00	1.69E+00	1.50E-04	1.49E-04	1.66E-04	1.49E-04	1.66E-04	1.46E-05	1.50E-04	2.16E-04	1.66E-04	2.16E-04	1.50E-04	1.52E-04	1.50E-04	1.51E-04
357.50	6369.85	Grid Location	3.59E-10	3.20E+00	2.34E+00	1.63E+00	1.45E-04	1.44E-04	1.60E-04	1.45E-04	1.60E-04	1.37E-05	1.45E-04	2.07E-04	1.60E-04	2.07E-04	1.46E-04	1.47E-04	1.45E-04	1.46E-04
357.55	6369.85	Grid Location	3.57E-10	3.17E+00	2.35E+00	1.60E+00	1.41E-04	1.40E-04	1.56E-04	1.41E-04	1.56E-04	1.38E-05	1.41E-04	2.03E-04	1.56E-04	2.03E-04	1.42E-04	1.43E-04	1.41E-04	1.42E-04
357.60	6369.85	Grid Location	3.66E-10	3.22E+00	2.42E+00	1.59E+00	1.43E-04	1.42E-04	1.58E-04	1.42E-04	1.58E-04	1.44E-05	1.43E-04	2.07E-04	1.58E-04	2.07E-04	1.43E-04	1.44E-04	1.42E-04	1.43E-04
357.65	6369.85	Grid Location	3.91E-10	3.41E+00	2.52E+00	1.66E+00	1.52E-04	1.51E-04	1.68E-04	1.51E-04	1.68E-04	1.48E-05	1.52E-04	2.19E-04	1.68E-04	2.19E-04	1.52E-04	1.54E-04	1.51E-04	1.53E-04
357.70	6369.85	Grid Location	4.16E-10	3.61E+00	2.58E+00	1.74E+00	1.62E-04	1.61E-04	1.78E-04	1.61E-04	1.78E-04	1.49E-05	1.62E-04	2.29E-04	1.78E-04	2.29E-04	1.62E-04	1.64E-04	1.62E-04	1.63E-04
357.75	6369.85	Grid Location	4.37E-10	3.79E+00	2.63E+00	1.81E+00	1.70E-04	1.69E-04	1.86E-04	1.70E-04	1.86E-04	1.48E-05	1.70E-04	2.37E-04	1.86E-04	2.37E-04	1.71E-04	1.72E-04	1.70E-04	1.71E-04
357.80	6369.85	Grid Location	4.55E-10	3.93E+00	2.70E+00	1.87E+00	1.78E-04	1.77E-04	1.94E-04	1.77E-04	1.94E-04	1.51E-05	1.78E-04	2.46E-04	1.94E-04	2.46E-04	1.78E-04	1.80E-04	1.77E-04	1.79E-04
357.85	6369.85	Grid Location	4.70E-10	4.04E+00	2.76E+00	1.90E+00	1.85E-04	1.84E-04	2.01E-04	1.84E-04	2.01E-04	1.55E-05	1.85E-04	2.55E-04	2.01E-04	2.55E-04	1.85E-04	1.87E-04	1.84E-04	1.86E-04
357.90	6369.85	Grid Location	4.92E-10	4.21E+00	2.87E+00	1.96E+00	1.96E-04	1.95E-04	2.13E-04	1.95E-04	2.13E-04	1.62E-05	1.96E-04	2.69E-04	2.13E-04	2.69E-04	1.96E-04	1.98E-04	1.96E-04	1.97E-04
357.95	6369.85	Grid Location	5.10E-10	4.35E+00	2.93E+00	2.01E+00	2.07E-04	2.06E-04	2.24E-04	2.06E-04	2.24E-04	1.66E-05	2.07E-04	2.82E-04	2.24E-04	2.82E-04	2.07E-04	2.09E-04	2.06E-04	2.08E-04
358.00	6369.85	Grid Location	5.29E-10	4.51E+00	2.99E+00	2.08E+00	2.18E-04	2.17E-04	2.36E-04	2.17E-04	2.36E-04	1.69E-05	2.18E-04	2.94E-04	2.36E-04	2.94E-04	2.18E-04	2.20E-04	2.18E-04	2.19E-04
356.50	6369.90	Grid Location	9.82E-10	8.33E+00	5.65E+00	3.79E+00	4.21E-04	4.19E-04	4.58E-04	4.19E-04	4.58E-04	3.40E-05	4.22E-04	5.75E-04	4.58E-04	5.75E-04	4.22E-04	4.26E-04	4.21E-04	4.24E-04
356.55	6369.90	Grid Location	9.98E-10	8.47E+00	5.79E+00	3.86E+00	4.31E-04	4.28E-04	4.68E-04	4.29E-04	4.68E-04	3.54E-05	4.31E-04	5.90E-04	4.68E-04	5.90E-04	4.31E-04	4.35E-04	4.30E-04	4.33E-04
356.60	6369.90	Grid Location	1.01E-09	8.61E+00	5.96E+00	3.93E+00	4.41E-04	4.38E-04	4.80E-04	4.39E-04	4.80E-04	3.72E-05	4.41E-04	6.09E-04	4.80E-04	6.09E-04	4.41E-04	4.46E-04	4.40E-04	4.43E-04
356.65	6369.90	Grid Location	1.04E-09	8.84E+00	6.19E+00	4.04E+00	4.56E-04	4.53E-04	4.98E-04	4.54E-04	4.98E-04	3.95E-05	4.56E-04	6.34E-04	4.98E-04	6.34E-04	4.57E-04	4.61E-04	4.55E-04	4.59E-04
356.70	6369.90	Grid Location	1.07E-09	9.09E+00	6.40E+00	4.16E+00	4.75E-04	4.72E-04	5.19E-04	4.72E-04	5.19E-04	4.16E-05	4.75E-04	6.62E-04	5.19E-04	6.62E-04	4.75E-04	4.80E-04	4.74E-04	4.77E-04
356.75	6369.90	Grid Location	1.08E-09	9.20E+00	6.45E+00	4.22E+00	4.86E-04	4.84E-04	5.31E-04	4.84E-04	5.31E-04	4.21E-05	4.87E-04	6.76E-04	5.31E-04	6.76E-04	4.87E-04	4.92E-04	4.86E-04	4.89E-04
356.80	6369.90	Grid Location	1.06E-09	8.99E+00	6.18E+00	4.12E+00	4.80E-04	4.77E-04	5.22E-04	4.78E-04	5.22E-04	3.99E-05	4.80E-04	6.60E-04	5.22E-04	6.60E-04	4.80E-04	4.85E-04	4.79E-04	4.82E-04
356.85	6369.90	Grid Location	1.01E-09	8.59E+00	5.78E+00	3.94E+00	4.62E-04	4.59E-04	5.01E-04	4.60E-04	5.01E-04	3.64E-05	4.62E-04	6.26E-04	5.01E-04	6.26E-04	4.62E-04	4.67E-04	4.61E-04	4.64E-04
356.90	6369.90	Grid Location	9.53E-10	8.10E+00	5.35E+00	3.72E+00	4.34E-04	4.32E-04	4.69E-04	4.33E-04	4.69E-04	3.26E-05	4.35E-04	5.81E-04	4.69E-04	5.81E-04	4.35E-04	4.39E-04	4.34E-04	4.36E-04
356.95	6369.90	Grid Location	8.85E-10	7.55E+00	5.01E+00	3.49E+00	3.99E-04	3.97E-04	4.31E-04	3.97E-04	4.31E-04	3.02E-05	3.99E-04	5.35E-04	4.31E-04	5.35E-04	3.99E-04	4.03E-04	3.98E-04	4.01E-04
357.00	6369.90	Grid Location	8.16E-10	7.01E+00	4.84E+00	3.28E+00	3.62E-04	3.60E-04	3.94E-04	3.61E-04	3.94E-04	2.99E-05	3.62E-04	4.97E-04	3.94E-04	4.97E-04	3.63E-04	3.66E-04	3.62E-04	3.64E-04
357.05	6369.90	Grid Location	7.57E-10	6.54E+00	4.63E+00	3.10E+00	3.33E-04	3.31E-04	3.64E-04	3.31E-04	3.64E-04	2.92E-05	3.33E-04	4.65E-04	3.64E-04	4.65E-04	3.33E-04	3.37E-04	3.32E-04	3.35E-04
357.10	6369.90	Grid Location	7.20E-10	6.22E+00	4.33E+00	2.96E+00	3.17E-04	3.15E-04	3.46E-04	3.16E-04	3.46E-04	2.67E-05	3.17E-04	4.38E-04	3.46E-04	4.38E-04	3.17E-04	3.21E-04	3.17E-04	3.19E-04
357.15	6369.90	Grid Location	6.74E-10	5.83E+00	3.94E+00	2.78E+00	2.96E-04	2.95E-04	3.21E-04	2.95E-04	3.21E-04	2.35E-05	2.96E-04	4.02E-04	3.21E-04	4.02E-04	2.97E-04	2.99E-04	2.96E-04	2.98E-04
357.20	6369.90	Grid Location	6.11E-10	5.29E+00	3.55E+00	2.54E+00	2.65E-04	2.64E-04	2.87E-04	2.64E-04	2.87E-04	2.07E-05	2.65E-04	3.58E-04	2.87E-04	3.58E-04	2.65E-04	2.68E-04	2.65E-04	2.66E-04
357.25	6369.90	Grid Location	5.56E-10	4.84E+00	3.26E+00	2.34E+00	2.38E-04	2.36E-04	2.58E-04	2.36E-04	2.58E-04	1.88E-05	2.38E-04	3.23E-04	2.58E-04	3.23E-04	2.38E-04	2.40E-04	2.37E-04	2.39E-04
357.30	6369.90	Grid Location	5.06E-10	4.43E+00	3.06E+00	2.18E+00	2.13E-04	2.12E-04	2.32E-04	2.12E-04	2.32E-04	1.80E-05	2.13E-04	2.94E-04	2.32E-04	2.94E-04	2.13E-04	2.15E-04	2.13E-04	2.14E-04
357.35	6369.90	Grid Location	4.60E-10	4.06E+00	2.90E+00	2.03E+00	1.90E-04	1.89E-04	2.09E-04	1.89E-04	2.09E-04	1.76E-05	1.90E-04	2.70E-04	2.09E-04	2.70E-04	1.91E-04	1.93E-04	1.90E-04	1.91E-04
357.40	6369.90	Grid Location	4.32E-10	3.83E+00	2.77E+00	1.93E+00	1.78E-04	1.77E-04	1.96E-04	1.77E-04	1.96E-04	1.69E-05	1.78E-04	2.54E-04	1.96E-04	2.54E-04	1.78E-04	1.80E-04	1.78E-04	1.79E-04
357.45	6369.90	Grid Location	4.19E-10	3.70E+00	2.66E+00	1.85E+00	1.72E-04	1.71E-04	1.89E-04	1.72E-04	1.89E-04	1.60E-05	1.73E-04	2.44E-04	1.89E-04	2.44E-04	1.73E-04	1.75E-04	1.72E-04	1.73E-04
357.50	6369.90	Grid Location	4.13E-10	3.63E+00	2.57E+00	1.80E+00	1.69E-04	1.68E-04	1.85E-04	1.68E-04	1.85E-04	1.49E-05	1.69E-04	2.36E-04	1.85E-04	2.36E-04	1.69E-04	1.71E-04	1.69E-04	1.70E-04
357.55	6369.90	Grid Location	4.09E-10	3.58E+00	2.51E+00	1.76E+00	1.65E-04	1.64E-04	1.80E-04	1.64E-04	1.80E-04	1.42E-05	1.65E-04	2.29E-04	1.80E-04	2.29E-04	1.65E-04	1.67E-04	1.65E-04	1.66E-04
357.60	6369.90	Grid Location	4.05E-10	3.53E+00	2.50E+00	1.71E+00	1.60E-04	1.59E-04	1.75E-04	1.59E-04	1.75E-04	1.42E-05	1.60E-04	2.24E-04	1.75E-04	2.24E-04	1.60E-04	1.61E-04	1.59E-04	1.61E-04
357.65	6369.90	Grid Location	4.18E-10	3.61E+00	2.56E+00	1.73E+00	1.63E-04	1.62E-04	1.79E-04	1.62E-04	1.79E-04	1.46E-05	1.63E-04	2.29E-04	1.79E-04	2.29E-04	1.63E-04	1.65E-04	1.63E-04	1.64E-04
357.70	6369.90	Grid Location	4.37E-10	3.76E+00	2.62E+00	1.78E+00	1.71E-04	1.70E-04	1.87E-04	1.70E-04	1.87E-04	1.48E-05	1.71E-04	2.38E-04	1.87E-04	2.38E-04	1.71E-04	1.73E-04	1.70E-04	1.72E-04
357.75	6369.90	Grid Location	4.53E-10	3.90E+00	2.66E+00	1.84E+00	1.77E-04	1.76E-04	1.93E-04	1.77E-04	1.93E-04	1.48E-05	1.77E-04	2.44E-04	1.93E-04	2.44E-04	1.78E-04	1.79E-04	1.77E-04	1.78E-04
357.80	6369.90	Grid Location	4.66E-10	4.00E+00	2.69E+00	1.88E+00	1.82E-04	1.81E-04	1.98E-04	1.81E-04	1.98E-04	1.49E-05	1.82E-04	2.49E-04	1.98E-04	2.49E-04	1.82E-04	1.84E-04	1.82E-04	1.83E-04
357.85	6369.90	Grid Location	4.75E-10	4.07E+00	2.72E+00	1.91E+00	1.86E-04	1.85E-04	2.02E-04	1.86E-04	2.02E-04	1.50E-05	1.87E-04	2.54E-04	2.02E-04	2.54E-04	1.87E-04	1.88E-04	1.86E-04	1.87E-04
357.90	6369.90	Grid Location	4.86E-10	4.15E+00	2.77E+00	1.93E+00	1.92E-04	1.91E-04	2.09E-04	1.91E-04	2.09E-04	1.54E-05	1.92E-04	2.62E-04	2.09E-04	2.62E-04	1.92E-04	1.94E-04	1.92E-04	1.93E-04
357.95	6369.90	Grid Location	4.99E-10	4.25E+00	2.83E+00	1.96E+00	2.01E-04	2.00E-04	2.17E-04	2.00E-04	2.17E-04	1.59E-05	2.01E-04	2.72E-04	2.17E-04	2.72E-04	2.01E-04	2.03E-04	2.00E-04	2.02E-04
358.00	6369.90	Grid Location	5.14E-10	4.37E+00	2.89E+00	2.00E+00	2.10E-04	2.09E-04	2.27E-04	2.09E-04	2.27E-04	1.62E-05	2.10E-04	2.83E-04	2.27E-04	2.83E-04	2.10E-04	2.12E-04	2.10E-04	2.11E-04
356.50	6369.95	Grid Location	9.78E-10	8.27E+00	5.63E+00	3.75E+00	4.23E-04	4.21E-04	4.60E-04	4.21E-04	4.60E-04	3.43E-05	4.24E-04	5.78E-04	4.60E-04	5.78E-04	4.24E-04	4.28E-04	4.23E-04	4.26E-04
356.55	6369.95	Grid Location	9.98E-10	8.45E+00	5.77E+00	3.83E+00	4.36E-04	4.33E-04	4.73E-04	4.33E-04	4.73E-04	3.57E-05	4.36E-04	5.97E-04	4.73E-04	5.97E-04	4.36E-04	4.40E-04	4.35E-04	4.38E-04
356.60	6369.95	Grid Location	1.02E-09	8.61E+00	5.92E+00	3.91E+00	4.48E-04	4.45E-04	4.87E-04	4.45E-04	4.87E-04	3.73E-05	4.48E-04	6.16E-04	4.87E-04	6.16E-04	4.48E-04	4.52E-04	4.47E-04	4.50E-04
356.65	6369.95	Grid Location	1.04E-09	8.85E+00	6.11E+00	4.02E+00	4.66E-04	4.63E-04	5.07E-04	4.63E-04	5.07E-04	3.91E-05	4.66E-04	6.42E-04	5.07E-04	6.42E-04	4.66E-04	4.71E-04	4.65E-04	4.68E-04
356.70	6369.95	Grid Location	1.07E-09	9.11E+00	6.28E+00	4.15E+00	4.85E-04	4.83E-04	5.29E-04	4.83E-04	5.29E-04	4.05E-05	4.86E-04	6.68E-04	5.29E-04	6.68E-04	4.86E-04	4.91E-04	4.85E-04	4.88E-04
356.75	6369.95	Grid Location	1.08E-09	9.16E+00	6.24E+00	4.18E+00	4.93E-04	4.90E-04	5.36E-04	4.91E-04	5.36E-04	4.01E-05	4.93E-04	6.74E-04	5.36E-04	6.74E-04	4.94E-04	4.98E-04	4.92E-04	4.96E-04
356.80	6369.95	Grid Location	1.05E-09	8.87E+00	5.93E+00	4.04E+00	4.80E-04	4.78E-04	5.20E-04	4.78E-04	5.20E-04	3.73E-05	4.80E-04	6.48E-04	5.20E-04	6.48E-04	4.81E-04	4.85E-04	4.79E-04	4.83E-04
356.85	6369.95	Grid Location	9.87E-10	8.36E+00	5.50E+00	3.81E+00	4.52E-04	4.50E-04	4.88E-04	4.50E-04	4.88E-04	3.35E-05	4.52E-04	6.03E-04	4.88E-04	6.03E-04	4.52E-04	4.56E-04	4.51E-04	4.54E-04
356.90	6369.95	Grid Location	9.21E-10	7.82E+00	5.12E+00	3.57E+00	4.18E-04	4.16E-04	4.50E-04	4.16E-04	4.50E-04	3.05E-05	4.18E-04	5.56E-04	4.50E-04	5.56E-04	4.18E-04	4.22E-04	4.17E-04	4.20E-04
356.95	6369.95	Grid Location	8.62E-10	7.34E+00	4.91E+00	3.38E+00	3.86E-04	3.84E-04	4.17E-04	3.84E-04	4.17E-04	2.95E-05	3.86E-04	5.19E-04	4.17E-04	5.19E-04	3.86E-04	3.90E-04	3.85E-04	3.88E-04
357.00	6369.95	Grid Location	8.24E-10	7.05E+00	4.86E+00	3.28E+00	3.65E-04	3.63E-04	3.97E-04	3.63E-04	3.97E-04	3.00E-05	3.65E-04	5.00E-04	3.97E-04	5.00E-04	3.65E-04	3.69E-04	3.64E-04	3.67E-04
357.05	6369.95	Grid Location	8.03E-10	6.88E+00	4.75E+00	3.22E+00	3.55E-04	3.53E-04	3.86E-04	3.53E-04	3.86E-04	2.93E-05	3.55E-04	4.87E-04	3.86E-04	4.87E-04	3.55E-04	3.59E-04	3.54E-04	3.57E-04
357.10	6369.95	Grid Location	7.82E-10	6.70E+00	4.50E+00	3.13E+00	3.47E-04	3.45E-04	3.75E-04	3.45E-04	3.75E-04	2.69E-05	3.47E-04	4.68E-04	3.75E-04	4.68E-04	3.47E-04	3.50E-04	3.46E-04	3.48E-04
357.15	6369.95	Grid Location	7.31E-10	6.26E+00	4.13E+00	2.93E+00	3.22E-04	3.21E-04	3.48E-04	3.21E-04	3.48E-04	2.40E-05	3.22E-04	4.30E-04	3.48E-04	4.30E-04	3.23E-04	3.25E-04	3.22E-04	3.24E-04
357.20	6369.95	Grid Location	6.61E-10	5.67E+00	3.72E+00	2.67E+00	2.87E-04	2.85E-04	3.09E-04	2.86E-04	3.09E-04	2.13E-05	2.87E-04	3.83E-04	3.09E-04	3.83E-04	2.87E-04	2.90E-04	2.86E-04	2.88E-04
357.25	6369.95	Grid Location	6.07E-10	5.23E+00	3.45E+00	2.48E+00	2.60E-04	2.59E-04	2.81E-04	2.59E-04	2.81E-04	1.97E-05	2.60E-04	3.49E-04	2.81E-04	3.49E-04	2.60E-04	2.63E-04	2.60E-04	2.61E-04
357.30	6369.95	Grid Location	5.63E-10	4.87E+00	3.30E+00	2.34E+00	2.38E-04	2.37E-04	2.59E-04	2.37E-04	2.59E-04	1.92E-05	2.38E-04	3.25E-04	2.59E-04	3.25E-04	2.38E-04	2.41E-04	2.38E-04	2.39E-04
357.35	6369.95	Grid Location	5.22E-10	4.55E+00	3.17E+00	2.22E+00	2.18E-04	2.17E-04	2.38E-04	2.17E-04	2.38E-04	1.89E-05	2.18E-04	3.04E-04	2.38E-04	3.04E-04	2.18E-04	2.21E-04	2.18E-04	2.19E-04
357.40	6369.95	Grid Location	4.92E-10	4.31E+00	3.02E+00	2.11E+00	2.05E-04	2.03E-04	2.24E-04	2.04E-04	2.24E-04	1.80E-05	2.05E-04	2.86E-04	2.24E-04	2.86E-04	2.05E-04	2.07E-04	2.04E-04	2.06E-04
357.45	6369.95	Grid Location	4.73E-10	4.13E+00	2.87E+00	2.01E+00	1.97E-04	1.95E-04	2.15E-04	1.96E-04	2.15E-04	1.69E-05	1.97E-04	2.73E-04	2.15E-04	2.73E-04	1.97E-04	1.99E-04	1.96E-04	1.98E-04

357.50	6369.95	Grid Location	4.64E-10	4.04E+00	2.76E+00	1.95E+00	1.93E-04	1.91E-04	2.09E-04	1.92E-04	2.09E-04	1.58E-05	1.93E-04	2.64E-04	2.09E-04	2.64E-04	1.93E-04	1.95E-04	1.92E-04	1.94E-04
357.55	6369.95	Grid Location	4.55E-10	3.94E+00	2.64E+00	1.90E+00	1.86E-04	1.85E-04	2.02E-04	1.85E-04	2.02E-04	1.45E-05	1.86E-04	2.52E-04	2.02E-04	2.52E-04	1.87E-04	1.88E-04	1.86E-04	1.87E-04
357.60	6369.95	Grid Location	4.42E-10	3.82E+00	2.58E+00	1.82E+00	1.77E-04	1.76E-04	1.92E-04	1.76E-04	1.92E-04	1.40E-05	1.77E-04	2.40E-04	1.92E-04	2.40E-04	1.77E-04	1.79E-04	1.77E-04	1.78E-04
357.65	6369.95	Grid Location	4.40E-10	3.79E+00	2.59E+00	1.79E+00	1.73E-04	1.72E-04	1.89E-04	1.72E-04	1.89E-04	1.43E-05	1.73E-04	2.38E-04	1.89E-04	2.38E-04	1.74E-04	1.75E-04	1.73E-04	1.74E-04
357.70	6369.95	Grid Location	4.50E-10	3.86E+00	2.64E+00	1.81E+00	1.76E-04	1.75E-04	1.92E-04	1.75E-04	1.92E-04	1.48E-05	1.76E-04	2.43E-04	1.92E-04	2.43E-04	1.77E-04	1.78E-04	1.76E-04	1.77E-04
357.75	6369.95	Grid Location	4.65E-10	3.98E+00	2.68E+00	1.86E+00	1.83E-04	1.82E-04	1.99E-04	1.82E-04	1.99E-04	1.49E-05	1.83E-04	2.50E-04	1.99E-04	2.50E-04	1.83E-04	1.85E-04	1.82E-04	1.84E-04
357.80	6369.95	Grid Location	4.73E-10	4.05E+00	2.69E+00	1.89E+00	1.86E-04	1.85E-04	2.02E-04	1.85E-04	2.02E-04	1.48E-05	1.86E-04	2.53E-04	2.02E-04	2.53E-04	1.86E-04	1.88E-04	1.86E-04	1.87E-04
357.85	6369.95	Grid Location	4.80E-10	4.10E+00	2.70E+00	1.91E+00	1.89E-04	1.88E-04	2.05E-04	1.88E-04	2.05E-04	1.47E-05	1.89E-04	2.56E-04	2.05E-04	2.56E-04	1.89E-04	1.91E-04	1.89E-04	1.90E-04
357.90	6369.95	Grid Location	4.86E-10	4.15E+00	2.71E+00	1.93E+00	1.93E-04	1.92E-04	2.08E-04	1.92E-04	2.08E-04	1.48E-05	1.93E-04	2.60E-04	2.08E-04	2.60E-04	1.93E-04	1.95E-04	1.92E-04	1.94E-04
357.95	6369.95	Grid Location	4.94E-10	4.21E+00	2.75E+00	1.94E+00	1.98E-04	1.97E-04	2.14E-04	1.97E-04	2.14E-04	1.52E-05	1.98E-04	2.66E-04	2.14E-04	2.66E-04	1.98E-04	2.00E-04	1.98E-04	1.99E-04
358.00	6369.95	Grid Location	5.04E-10	4.28E+00	2.80E+00	1.96E+00	2.05E-04	2.04E-04	2.21E-04	2.04E-04	2.21E-04	1.55E-05	2.05E-04	2.75E-04	2.21E-04	2.75E-04	2.05E-04	2.07E-04	2.04E-04	2.06E-04
356.50	6370.00	Grid Location	9.65E-10	8.15E+00	5.54E+00	3.68E+00	4.22E-04	4.20E-04	4.59E-04	4.20E-04	4.59E-04	3.41E-05	4.22E-04	5.76E-04	4.59E-04	5.76E-04	4.23E-04	4.27E-04	4.21E-04	4.24E-04
356.55	6370.00	Grid Location	9.87E-10	8.34E+00	5.69E+00	3.76E+00	4.36E-04	4.33E-04	4.73E-04	4.34E-04	4.73E-04	3.55E-05	4.36E-04	5.96E-04	4.73E-04	5.96E-04	4.36E-04	4.40E-04	4.35E-04	4.38E-04
356.60	6370.00	Grid Location	1.01E-09	8.53E+00	5.81E+00	3.85E+00	4.50E-04	4.48E-04	4.89E-04	4.48E-04	4.89E-04	3.67E-05	4.50E-04	6.16E-04	4.89E-04	6.16E-04	4.51E-04	4.55E-04	4.50E-04	4.53E-04
356.65	6370.00	Grid Location	1.03E-09	8.72E+00	5.93E+00	3.95E+00	4.66E-04	4.64E-04	5.06E-04	4.64E-04	5.06E-04	3.77E-05	4.66E-04	6.36E-04	5.06E-04	6.36E-04	4.67E-04	4.71E-04	4.65E-04	4.69E-04
356.70	6370.00	Grid Location	1.05E-09	8.89E+00	5.99E+00	4.03E+00	4.81E-04	4.78E-04	5.21E-04	4.78E-04	5.21E-04	3.81E-05	4.81E-04	6.53E-04	5.21E-04	6.53E-04	4.81E-04	4.86E-04	4.80E-04	4.83E-04
356.75	6370.00	Grid Location	1.05E-09	8.86E+00	5.88E+00	4.01E+00	4.83E-04	4.80E-04	5.22E-04	4.81E-04	5.22E-04	3.69E-05	4.83E-04	6.49E-04	5.22E-04	6.49E-04	4.83E-04	4.88E-04	4.82E-04	4.85E-04
356.80	6370.00	Grid Location	1.01E-09	8.51E+00	5.55E+00	3.85E+00	4.64E-04	4.61E-04	5.00E-04	4.62E-04	5.00E-04	3.39E-05	4.64E-04	6.17E-04	5.00E-04	6.17E-04	4.64E-04	4.68E-04	4.63E-04	4.66E-04
356.85	6370.00	Grid Location	9.47E-10	8.00E+00	5.18E+00	3.63E+00	4.32E-04	4.30E-04	4.65E-04	4.30E-04	4.65E-04	3.07E-05	4.32E-04	5.71E-04	4.65E-04	5.71E-04	4.33E-04	4.36E-04	4.32E-04	4.34E-04
356.90	6370.00	Grid Location	8.86E-10	7.51E+00	4.91E+00	3.42E+00	3.99E-04	3.97E-04	4.30E-04	3.97E-04	4.30E-04	2.90E-05	3.99E-04	5.29E-04	4.30E-04	5.29E-04	3.99E-04	4.03E-04	3.98E-04	4.01E-04
356.95	6370.00	Grid Location	8.41E-10	7.15E+00	4.82E+00	3.28E+00	3.73E-04	3.71E-04	4.04E-04	3.72E-04	4.04E-04	2.91E-05	3.74E-04	5.05E-04	4.04E-04	5.05E-04	3.74E-04	3.77E-04	3.73E-04	3.75E-04
357.00	6370.00	Grid Location	8.28E-10	7.06E+00	4.83E+00	3.26E+00	3.66E-04	3.64E-04	3.98E-04	3.64E-04	3.98E-04	2.96E-05	3.66E-04	4.99E-04	3.98E-04	4.99E-04	3.66E-04	3.70E-04	3.65E-04	3.68E-04
357.05	6370.00	Grid Location	8.24E-10	7.03E+00	4.72E+00	3.25E+00	3.66E-04	3.64E-04	3.96E-04	3.64E-04	3.96E-04	2.84E-05	3.66E-04	4.94E-04	3.96E-04	4.94E-04	3.66E-04	3.69E-04	3.65E-04	3.67E-04
357.10	6370.00	Grid Location	8.14E-10	6.93E+00	4.54E+00	3.20E+00	3.62E-04	3.60E-04	3.90E-04	3.60E-04	3.90E-04	2.64E-05	3.62E-04	4.81E-04	3.90E-04	4.81E-04	3.62E-04	3.65E-04	3.61E-04	3.63E-04
357.15	6370.00	Grid Location	7.72E-10	6.58E+00	4.24E+00	3.04E+00	3.41E-04	3.39E-04	3.66E-04	3.39E-04	3.66E-04	2.42E-05	3.41E-04	4.50E-04	3.66E-04	4.50E-04	3.41E-04	3.44E-04	3.40E-04	3.42E-04
357.20	6370.00	Grid Location	7.10E-10	6.06E+00	3.90E+00	2.81E+00	3.09E-04	3.08E-04	3.33E-04	3.08E-04	3.33E-04	2.20E-05	3.09E-04	4.08E-04	3.33E-04	4.08E-04	3.10E-04	3.12E-04	3.09E-04	3.11E-04
357.25	6370.00	Grid Location	6.56E-10	5.61E+00	3.64E+00	2.63E+00	2.83E-04	2.81E-04	3.04E-04	2.81E-04	3.04E-04	2.05E-05	2.83E-04	3.75E-04	3.04E-04	3.75E-04	2.83E-04	2.85E-04	2.82E-04	2.84E-04
357.30	6370.00	Grid Location	6.10E-10	5.25E+00	3.48E+00	2.48E+00	2.60E-04	2.59E-04	2.81E-04	2.59E-04	2.81E-04	2.00E-05	2.60E-04	3.50E-04	2.81E-04	3.50E-04	2.60E-04	2.63E-04	2.60E-04	2.61E-04
357.35	6370.00	Grid Location	5.70E-10	4.93E+00	3.35E+00	2.36E+00	2.41E-04	2.39E-04	2.61E-04	2.39E-04	2.61E-04	1.97E-05	2.41E-04	3.29E-04	2.61E-04	3.29E-04	2.41E-04	2.43E-04	2.40E-04	2.42E-04
357.40	6370.00	Grid Location	5.43E-10	4.71E+00	3.21E+00	2.26E+00	2.28E-04	2.27E-04	2.48E-04	2.27E-04	2.48E-04	1.88E-05	2.28E-04	3.13E-04	2.48E-04	3.13E-04	2.28E-04	2.31E-04	2.28E-04	2.29E-04
357.45	6370.00	Grid Location	5.23E-10	4.53E+00	3.06E+00	2.17E+00	2.20E-04	2.19E-04	2.39E-04	2.19E-04	2.39E-04	1.77E-05	2.20E-04	3.00E-04	2.39E-04	3.00E-04	2.20E-04	2.22E-04	2.19E-04	2.21E-04
357.50	6370.00	Grid Location	5.03E-10	4.34E+00	2.90E+00	2.06E+00	2.10E-04	2.09E-04	2.28E-04	2.09E-04	2.28E-04	1.65E-05	2.10E-04	2.85E-04	2.28E-04	2.85E-04	2.11E-04	2.13E-04	2.10E-04	2.11E-04
357.55	6370.00	Grid Location	4.89E-10	4.21E+00	2.75E+00	2.00E+00	2.03E-04	2.02E-04	2.19E-04	2.02E-04	2.19E-04	1.50E-05	2.03E-04	2.70E-04	2.19E-04	2.70E-04	2.03E-04	2.05E-04	2.02E-04	2.04E-04
357.60	6370.00	Grid Location	4.69E-10	4.03E+00	2.63E+00	1.90E+00	1.91E-04	1.90E-04	2.06E-04	1.90E-04	2.06E-04	1.40E-05	1.91E-04	2.54E-04	2.06E-04	2.54E-04	1.91E-04	1.92E-04	1.90E-04	1.92E-04
357.65	6370.00	Grid Location	4.57E-10	3.91E+00	2.59E+00	1.83E+00	1.81E-04	1.80E-04	1.96E-04	1.81E-04	1.96E-04	1.40E-05	1.82E-04	2.44E-04	1.96E-04	2.44E-04	1.82E-04	1.83E-04	1.81E-04	1.82E-04
357.70	6370.00	Grid Location	4.59E-10	3.93E+00	2.64E+00	1.83E+00	1.81E-04	1.80E-04	1.96E-04	1.80E-04	1.96E-04	1.45E-05	1.81E-04	2.46E-04	1.96E-04	2.46E-04	1.81E-04	1.83E-04	1.80E-04	1.82E-04
357.75	6370.00	Grid Location	4.69E-10	4.00E+00	2.67E+00	1.85E+00	1.85E-04	1.84E-04	2.00E-04	1.84E-04	2.00E-04	1.48E-05	1.85E-04	2.51E-04	2.00E-04	2.51E-04	1.85E-04	1.87E-04	1.84E-04	1.86E-04
357.80	6370.00	Grid Location	4.79E-10	4.08E+00	2.69E+00	1.89E+00	1.89E-04	1.88E-04	2.05E-04	1.88E-04	2.05E-04	1.48E-05	1.89E-04	2.56E-04	2.05E-04	2.56E-04	1.89E-04	1.91E-04	1.89E-04	1.90E-04
357.85	6370.00	Grid Location	4.86E-10	4.14E+00	2.69E+00	1.92E+00	1.93E-04	1.92E-04	2.08E-04	1.92E-04	2.08E-04	1.47E-05	1.93E-04	2.59E-04	2.08E-04	2.59E-04	1.93E-04	1.95E-04	1.92E-04	1.94E-04
357.90	6370.00	Grid Location	4.88E-10	4.15E+00	2.67E+00	1.92E+00	1.94E-04	1.93E-04	2.10E-04	1.93E-04	2.10E-04	1.45E-05	1.94E-04	2.59E-04	2.10E-04	2.59E-04	1.94E-04	1.96E-04	1.94E-04	1.95E-04
357.95	6370.00	Grid Location	4.90E-10	4.16E+00	2.68E+00	1.92E+00	1.96E-04	1.95E-04	2.11E-04	1.95E-04	2.11E-04	1.45E-05	1.96E-04	2.61E-04	2.11E-04	2.61E-04	1.96E-04	1.98E-04	1.96E-04	1.97E-04
358.00	6370.00	Grid Location	4.95E-10	4.20E+00	2.71E+00	1.92E+00	2.00E-04	1.99E-04	2.15E-04	1.99E-04	2.15E-04	1.48E-05	2.00E-04	2.66E-04	2.15E-04	2.66E-04	2.00E-04	2.02E-04	1.99E-04	2.01E-04
356.50	6370.05	Grid Location	9.44E-10	7.96E+00	5.39E+00	3.58E+00	4.17E-04	4.15E-04	4.53E-04	4.15E-04	4.53E-04	3.33E-05	4.18E-04	5.68E-04	4.53E-04	5.68E-04	4.18E-04	4.22E-04	4.17E-04	4.19E-04
356.55	6370.05	Grid Location	9.70E-10	8.18E+00	5.55E+00	3.68E+00	4.33E-04	4.31E-04	4.70E-04	4.31E-04	4.70E-04	3.47E-05	4.34E-04	5.90E-04	4.70E-04	5.90E-04	4.34E-04	4.38E-04	4.33E-04	4.36E-04
356.60	6370.05	Grid Location	9.89E-10	8.35E+00	5.63E+00	3.76E+00	4.47E-04	4.45E-04	4.85E-04	4.45E-04	4.85E-04	3.55E-05	4.47E-04	6.07E-04	4.85E-04	6.07E-04	4.48E-04	4.52E-04	4.46E-04	4.50E-04
356.65	6370.05	Grid Location	1.01E-09	8.49E+00	5.67E+00	3.83E+00	4.60E-04	4.58E-04	4.98E-04	4.58E-04	4.98E-04	3.56E-05	4.60E-04	6.21E-04	4.98E-04	6.21E-04	4.60E-04	4.65E-04	4.59E-04	4.62E-04
356.70	6370.05	Grid Location	1.01E-09	8.51E+00	5.61E+00	3.84E+00	4.65E-04	4.62E-04	5.02E-04	4.63E-04	5.02E-04	3.49E-05	4.65E-04	6.22E-04	5.02E-04	6.22E-04	4.65E-04	4.69E-04	4.64E-04	4.67E-04
356.75	6370.05	Grid Location	9.97E-10	8.41E+00	5.46E+00	3.79E+00	4.61E-04	4.58E-04	4.96E-04	4.59E-04	4.96E-04	3.32E-05	4.61E-04	6.11E-04	4.96E-04	6.11E-04	4.61E-04	4.65E-04	4.60E-04	4.63E-04
356.80	6370.05	Grid Location	9.62E-10	8.11E+00	5.20E+00	3.65E+00	4.42E-04	4.40E-04	4.75E-04	4.40E-04	4.75E-04	3.08E-05	4.42E-04	5.81E-04	4.75E-04	5.81E-04	4.43E-04	4.46E-04	4.42E-04	4.44E-04
356.85	6370.05	Grid Location	9.06E-10	7.65E+00	4.91E+00	3.46E+00	4.11E-04	4.09E-04	4.42E-04	4.10E-04	4.42E-04	2.86E-05	4.11E-04	5.40E-04	4.42E-04	5.40E-04	4.12E-04	4.15E-04	4.11E-04	4.13E-04
356.90	6370.05	Grid Location	8.55E-10	7.24E+00	4.75E+00	3.29E+00	3.82E-04	3.80E-04	4.12E-04	3.80E-04	4.12E-04	2.80E-05	3.82E-04	5.08E-04	4.12E-04	5.08E-04	3.82E-04	3.86E-04	3.81E-04	3.84E-04
356.95	6370.05	Grid Location	8.28E-10	7.03E+00	4.74E+00	3.22E+00	3.66E-04	3.64E-04	3.97E-04	3.65E-04	3.97E-04	2.85E-05	3.66E-04	4.95E-04	3.97E-04	4.95E-04	3.67E-04	3.70E-04	3.66E-04	3.68E-04
357.00	6370.05	Grid Location	8.32E-10	7.07E+00	4.77E+00	3.24E+00	3.68E-04	3.66E-04	3.99E-04	3.67E-04	3.99E-04	2.88E-05	3.68E-04	4.98E-04	3.99E-04	4.98E-04	3.69E-04	3.72E-04	3.68E-04	3.70E-04
357.05	6370.05	Grid Location	8.42E-10	7.15E+00	4.71E+00	3.28E+00	3.75E-04	3.73E-04	4.04E-04	3.73E-04	4.04E-04	2.77E-05	3.75E-04	5.00E-04	4.04E-04	5.00E-04	3.75E-04	3.78E-04	3.74E-04	3.77E-04
357.10	6370.05	Grid Location	8.29E-10	7.04E+00	4.53E+00	3.22E+00	3.68E-04	3.67E-04	3.96E-04	3.67E-04	3.96E-04	2.58E-05	3.68E-04	4.85E-04	3.96E-04	4.85E-04	3.69E-04	3.72E-04	3.68E-04	3.70E-04
357.15	6370.05	Grid Location	7.95E-10	6.75E+00	4.31E+00	3.09E+00	3.50E-04	3.49E-04	3.76E-04	3.49E-04	3.76E-04	2.42E-05	3.50E-04	4.59E-04	3.76E-04	4.59E-04	3.51E-04	3.53E-04	3.50E-04	3.52E-04
357.20	6370.05	Grid Location	7.47E-10	6.35E+00	4.05E+00	2.92E+00	3.26E-04	3.25E-04	3.50E-04	3.25E-04	3.50E-04	2.27E-05	3.26E-04	4.28E-04	3.50E-04	4.28E-04	3.26E-04	3.29E-04	3.26E-04	3.28E-04
357.25	6370.05	Grid Location	6.97E-10	5.94E+00	3.81E+00	2.75E+00	3.02E-04	3.00E-04	3.24E-04	3.00E-04	3.24E-04	2.13E-05	3.02E-04	3.98E-04	3.24E-04	3.98E-04	3.02E-04	3.04E-04	3.01E-04	3.03E-04
357.30	6370.05	Grid Location	6.49E-10	5.56E+00	3.64E+00	2.60E+00	2.78E-04	2.77E-04	3.00E-04	2.77E-04	3.00E-04	2.07E-05	2.78E-04	3.72E-04	3.00E-04	3.72E-04	2.79E-04	2.81E-04	2.78E-04	2.80E-04
357.35	6370.05	Grid Location	6.06E-10	5.22E+00	3.49E+00	2.46E+00	2.57E-04	2.56E-04	2.79E-04	2.56E-04	2.79E-04	2.02E-05	2.58E-04	3.49E-04	2.79E-04	3.49E-04	2.58E-04	2.60E-04	2.57E-04	2.59E-04
357.40	6370.05	Grid Location	5.79E-10	5.00E+00	3.34E+00	2.37E+00	2.45E-04	2.44E-04	2.66E-04	2.44E-04	2.66E-04	1.94E-05	2.45E-04	3.33E-04	2.66E-04	3.33E-04	2.45E-04	2.48E-04	2.45E-04	2.46E-04
357.45	6370.05	Grid Location	5.63E-10	4.85E+00	3.22E+00	2.30E+00	2.39E-04	2.37E-04	2.58E-04	2.37E-04	2.58E-04	1.85E-05	2.39E-04	3.22E-04	2.58E-04	3.22E-04	2.39E-04	2.41E-04	2.38E-04	2.40E-04
357.50	6370.05	Grid Location	5.35E-10	4.60E+00	3.03E+00	2.16E+00	2.26E-04	2.24E-04	2.44E-04	2.25E-04	2.44E-04	1.72E-05	2.26E-04	3.03E-04	2.44E-04	3.03E-04	2.26E-04	2.28E-04	2.25E-04	2.27E-04
357.55	6370.05	Grid Location	5.15E-10	4.41E+00	2.86E+00	2.07E+00	2.15E-04	2.14E-04	2.32E-04	2.15E-04	2.32E-04	1.56E-05	2.15E-04	2.86E-04	2.32E-04	2.86E-04	2.16E-04	2.18E-04	2.15E-04	2.16E-04
357.60	6370.05	Grid Location	4.90E-10	4.19E+00	2.68E+00	1.96E+00	2.01E-04	2.00E-04	2.16E-04	2.00E-04	2.16E-04	1.41E-05	2.01E-04	2.65E-04	2.16E-04	2.65E-04	2.02E-04	2.03E-04	2.01E-04	2.02E-04
357.65	6370.05	Grid Location	4.70E-10	4.01E+00	2.60E+00	1.87E+00	1.89E-04	1.88E-04	2.03E-04	1.88E-04	2.03E-04	1.37E-05	1.89E-04	2.50E-04	2.03E-04	2.50E-04	1.89E-04	1.90E-04	1.88E-04	1.90E-04
357.70	6370.05	Grid Location	4.64E-10	3.95E+00	2.60E+00	1.83E+00	1.84E-04	1.83E-04	1.98E-04	1.83E-04	1.98E-04	1.40E-05	1.84E-04	2.47E-04	1.98E-04	2.47E-04	1.84E-04	1.85E-04	1.83E-04	1.84E-04
357.75	6370.05	Grid Location	4.66E-10	3.97E+00	2.62E+00	1.83E+00	1.84E-04	1.83E-04	1.99E-04	1.83E-04	1.99E-04	1.44E-05	1.84E-04	2.49E-04	1.99E-04	2.49E-04	1.84E-04	1.86E-04	1.84E-04	1.85E-04
357.80	6370.05	Grid Location	4.78E-10	4.07E+00	2.66E+00	1.87E+00	1.90E-04	1.89E-04	2.05E-04	1.89E-04	2.05E-04	1.46E-05	1.90E-04	2.56E-04	2.05E-04	2.56E-04	1.90E-04	1.92E-04	1.90E-04	1.91E-04
357.85	6370.05	Grid Location	4.87E-10	4.14E+00	2.67E+00	1.90E+00	1.94E-04	1.93E-04	2.10E-04	1.93E-04	2.10E-04	1.45E-05	1.94E-04	2.60E-04	2.10E-04	2.60E-04	1.94E-04	1.96E-04	1.94E-04	1.95E-04
357.90	6370.05	Grid Location	4.88E-10	4.14E+00	2.64E+00	1.91E+00	1.95E-04	1.94E-04	2.10E-04	1.94E-04	2.10E-04	1.42E-05	1.95E-04	2.59E-04	2.10E-04	2.59E-04	1.95E-04	1.97E-04	1.95E-04	1.96E-04
357.95	6370.05	Grid Location	4.86E-10	4.12E+00	2.61E+00	1.89E+00	1.95E-04	1.94E-04	2.09E-04	1.94E-04	2.09E-04	1.39E-05	1.95E-04	2.58E-04	2.09E-04	2.58E-04	1.95E-04	1.96E-04	1.94E-04	1.96E-04
358.00	6370.05	Grid Location	4.86E-10	4.12E+00	2.61E+00	1.88E+00	1.96E-04	1.95E-04	2.10E-04	1.95E-04	2.10E-04	1.40E-05	1.96E-04	2.59E-04	2.10E-04	2.59E-04	1.96E-04	1.97E-04	1.95E-04	1.96E-04
357.25	6369.49	Grid Location	1.57E-10	1.56E+00	1.97E+00	9.29E-01	6.04E-05	5.93E-05	7.70E-05	5.95E-05	7.70E-05	1.56E-05	6.05E-05	1.31E-04	7.70E-05	1.31E-04	6.06E-05	6.25E-05	6.01E-05	6.14E-05
357.25	6369.49	Grid Location	1.57E-10	1.56E+00	1.97E+00	9.29E-01	6.04E-05	5.93E-05	7.70E-05	5.95E-05	7.70E-05	1.56E-05	6.05E-05	1.31E-04	7.70E-05	1.31E-04	6.06E-05	6.25E-05	6.01E-05	6.14E-05
357.20	6369.10	Grid Location	2.56E-10	2.20E+00	1.61E+00	1.02E+00	9.57E-05	9.51E-05	1.04E-04	9.52E-05	1.04E-04	8.24E-06	9.57E-05	1.33E-04	1.04E-04	1.33E-04	9.58E-05	9.68E-05	9.55E-05	9.62E-05
357.26	6369.09	Grid Location	2.47E-10	2.09E+00	1.74E+00	9.09E-01	9.30E-05	9.23E-05	1.03E-04	9.25E-05	1.03E-04	9.71E-06	9.31E-05	1.37E-04	1.03E-04	1.37E-04	9.31E-05	9.43E-05	9.28E-05	9.36E-05
357.28	6369.09	Grid Location	2.40E-10	2.03E+00	1.75E+00	8.77E-01	9.01E-05	8.94E-05	1.01E-04	8.95E-05	1.01E-04	1.00E-05	9.02E-05	1.35E-04	1.01E-04	1.35E-04	9.02E-05	9.14E-05	8.99E-05	9.08E-05
357.30	6369.10	Grid Location	1.92E-10	1.64E+00	1.62E+00	7.11E-01	7.07E-05	7.00E-05	8.12E-05	7.01E-05	8.12E-05	9.92E-06	7.07E-05	1.15E-04	8.12E-05	1.15E-04	7.08E-05	7.20E-05	7.05E-05	7.13E-05
357.31	6369.13	Grid Location	1.59E-10	1.37E+00	1.57E+00	5.97E-01	5.76E-05	5.68E-05	6.84E-05	5.70E-05	6.84E-05	1.02E-05	5.76E-05	1.04E-04	6.84E-05	1.04E-04	5.77E-05	5.89E-05	5.73E-05	5.82E-05
357.32	6369.15	Grid Location	1.40E-10	1.22E+00	1.53E+00	5.31E-01	4.97E-05	4.90E-05	6.07E-05	4.91E-05	6.07E-05	1.03E-05	4.98E-05	9.64E-05	6.07E-05	9.64E-05	4.99E-05	5.11E-05	4.95E-05	5.04E-05
357.32	6369.16	Grid Location	1.27E-10	1.11E+00	1.51E+00	4.87E-01	4.43E-05	4.36E-05	5.55E-05	4.37E-05	5.55E-05	1.05E-05	4.44E-05	9.17E-05	5.55E-05	9.17E-05	4.45E-05	4.57E-05	4.41E-05	4.50E-05
357.34	6369.16	Grid Location	1.34E-10	1.18E+00	1.75E+00	5.14E-01	4.75E-05	4.66E-05	6.14E-05	4.68E-05	6.14E-05	1.30E-05	4.76E-05	1.06E-04	6.14E-05	1.06E-04	4.77E-05	4.93E-05	4.72E-05	4.84E-05

357.43	6369.05	Grid Location	4.45E-10	3.84E+00	3.86E+00	1.73E+00	1.83E-04	1.81E-04	2.13E-04	1.81E-04	2.13E-04	2.81E-05	1.83E-04	3.09E-04	2.13E-04	3.09E-04	1.83E-04	1.87E-04	1.82E-04	1.85E-04
357.50	6369.45	Grid Location	9.04E-11	9.28E-01	1.20E+00	5.73E-01	3.29E-05	3.23E-05	4.30E-05	3.24E-05	4.30E-05	9.47E-06	3.30E-05	7.56E-05	4.30E-05	7.56E-05	3.31E-05	3.42E-05	3.27E-05	3.35E-05

2.3 Scenario 3 Dust Deposition Results

			TSP	PM10	SO2	NO2	PM2.5	Pb
					All Units are mg/m^2.year			
Maximum Deposition Rate at Recreational Receptor			1.87E-01	4.69E-02	2.23E+00	2.71E+00	0.00E+00	4.71E-04
Maximum Deposition Rate at Comm / Ind Receptor			4.11E-01	1.34E-01	4.72E+00	5.89E+00	0.00E+00	1.15E-03
Maximum Deposition Rate at Residential Receptor			1.50E+00	3.57E-01	7.22E+00	9.79E+00	0.00E+00	4.36E-03
Grid Maximum Deposition Rate			2.14E+00	5.45E-01	9.48E+00	1.39E+01	0.00E+00	5.65E-03
357.58	6368.435	Recreational	1.71E-01	4.56E-02	1.94E+00	2.28E+00	0.00E+00	4.11E-04
356.436	6368.332	Recreational	1.87E-01	4.69E-02	2.23E+00	2.71E+00	0.00E+00	4.71E-04
358.174	6369.639	Comercial/Industrial Workers	1.55E-01	4.27E-02	2.37E+00	2.75E+00	0.00E+00	3.49E-04
357.561	6369.198	Comercial/Industrial Workers	3.97E-01	7.03E-02	3.94E+00	5.89E+00	0.00E+00	1.15E-03
356.415	6368.854	Comercial/Industrial Workers	2.28E-01	6.61E-02	3.18E+00	3.52E+00	0.00E+00	4.94E-04
357.334	6369.03	Comercial/Industrial Workers	1.12E-01	2.69E-02	1.85E+00	2.63E+00	0.00E+00	2.67E-04
357.197	6368.893	Comercial/Industrial Workers	1.72E-01	5.80E-02	2.85E+00	3.19E+00	0.00E+00	3.02E-04
357.045	6368.81	Comercial/Industrial Workers	2.11E-01	7.39E-02	3.35E+00	3.33E+00	0.00E+00	3.66E-04
356.931	6368.707	Comercial/Industrial Workers	2.19E-01	6.96E-02	3.05E+00	3.15E+00	0.00E+00	4.36E-04
356.684	6368.52	Comercial/Industrial Workers	2.22E-01	6.32E-02	2.59E+00	2.91E+00	0.00E+00	5.04E-04
357.128	6369.008	Comercial/Industrial Workers	1.55E-01	5.66E-02	2.69E+00	2.91E+00	0.00E+00	2.27E-04
356.83	6368.83	Comercial/Industrial Workers	2.59E-01	8.36E-02	3.66E+00	3.81E+00	0.00E+00	4.98E-04
356.685	6368.72	Comercial/Industrial Workers	2.60E-01	7.93E-02	3.28E+00	3.55E+00	0.00E+00	5.46E-04
356.613	6368.628	Comercial/Industrial Workers	2.60E-01	7.30E-02	2.92E+00	3.26E+00	0.00E+00	5.94E-04
356.516	6368.586	Comercial/Industrial Workers	2.59E-01	7.09E-02	2.75E+00	3.10E+00	0.00E+00	6.07E-04
356.449	6368.556	Comercial/Industrial Workers	2.52E-01	6.79E-02	2.63E+00	2.97E+00	0.00E+00	6.02E-04
356.339	6368.549	Comercial/Industrial Workers	2.58E-01	6.92E-02	2.63E+00	2.94E+00	0.00E+00	6.18E-04
356.361	6368.657	Comercial/Industrial Workers	2.85E-01	8.34E-02	2.97E+00	3.14E+00	0.00E+00	6.28E-04
356.465	6368.736	Comercial/Industrial Workers	2.70E-01	7.92E-02	3.07E+00	3.31E+00	0.00E+00	5.89E-04
356.4	6368.765	Comercial/Industrial Workers	2.62E-01	7.75E-02	3.07E+00	3.33E+00	0.00E+00	5.66E-04
356.345	6368.783	Comercial/Industrial Workers	2.52E-01	7.38E-02	3.02E+00	3.31E+00	0.00E+00	5.51E-04
356.715	6369.08	Comercial/Industrial Workers	2.47E-01	8.43E-02	4.14E+00	4.29E+00	0.00E+00	4.16E-04
356.929	6369.037	Comercial/Industrial Workers	2.42E-01	9.12E-02	4.08E+00	3.92E+00	0.00E+00	3.35E-04
356.777	6369.278	Comercial/Industrial Workers	2.69E-01	9.68E-02	4.72E+00	4.87E+00	0.00E+00	3.95E-04
356.94	6368.565	Comercial/Industrial Workers	1.89E-01	5.72E-02	2.54E+00	2.75E+00	0.00E+00	4.02E-04
357.099	6368.457	Comercial/Industrial Workers	1.58E-01	4.43E-02	2.08E+00	2.38E+00	0.00E+00	3.65E-04
357.185	6368.422	Comercial/Industrial Workers	1.54E-01	4.25E-02	2.00E+00	2.30E+00	0.00E+00	3.60E-04
357.249	6368.456	Comercial/Industrial Workers	1.61E-01	4.52E-02	2.07E+00	2.36E+00	0.00E+00	3.70E-04
357.147	6368.711	Comercial/Industrial Workers	1.90E-01	6.07E-02	2.70E+00	2.92E+00	0.00E+00	3.75E-04
357.23	6368.778	Comercial/Industrial Workers	1.92E-01	6.32E-02	2.89E+00	3.14E+00	0.00E+00	3.60E-04
357.273	6368.674	Comercial/Industrial Workers	1.92E-01	6.07E-02	2.61E+00	2.84E+00	0.00E+00	3.88E-04
357.289	6368.586	Comercial/Industrial Workers	1.82E-01	5.37E-02	2.34E+00	2.63E+00	0.00E+00	3.97E-04
357.31	6368.559	Comercial/Industrial Workers	1.79E-01	5.19E-02	2.27E+00	2.57E+00	0.00E+00	3.95E-04
357.313	6368.537	Comercial/Industrial Workers	1.75E-01	5.05E-02	2.22E+00	2.52E+00	0.00E+00	3.91E-04
357.25	6368.476	Comercial/Industrial Workers	1.65E-01	4.65E-02	2.11E+00	2.41E+00	0.00E+00	3.76E-04
357.293	6368.816	Comercial/Industrial Workers	1.94E-01	6.44E-02	3.03E+00	3.28E+00	0.00E+00	3.56E-04
357.355	6368.742	Comercial/Industrial Workers	2.00E-01	6.55E-02	2.84E+00	3.06E+00	0.00E+00	3.82E-04
357.331	6368.688	Comercial/Industrial Workers	1.96E-01	6.28E-02	2.67E+00	2.88E+00	0.00E+00	3.89E-04
357.374	6368.597	Comercial/Industrial Workers	1.85E-01	5.47E-02	2.33E+00	2.62E+00	0.00E+00	4.02E-04
357.387	6368.536	Comercial/Industrial Workers	1.76E-01	5.03E-02	2.18E+00	2.48E+00	0.00E+00	3.95E-04
357.398	6368.518	Comercial/Industrial Workers	1.73E-01	4.91E-02	2.13E+00	2.44E+00	0.00E+00	3.92E-04
357.48	6368.755	Comercial/Industrial Workers	2.26E-01	7.39E-02	3.00E+00	3.22E+00	0.00E+00	4.35E-04
357.476	6368.675	Comercial/Industrial Workers	2.08E-01	6.40E-02	2.59E+00	2.86E+00	0.00E+00	4.35E-04
357.577	6368.662	Comercial/Industrial Workers	2.47E-01	7.24E-02	2.69E+00	3.02E+00	0.00E+00	5.44E-04
357.626	6368.787	Comercial/Industrial Workers	4.11E-01	1.34E-01	4.04E+00	4.20E+00	0.00E+00	8.02E-04
357.692	6368.687	Comercial/Industrial Workers	3.90E-01	1.14E-01	3.26E+00	3.67E+00	0.00E+00	8.73E-04
358.308	6368.785	School Tafe	1.50E+00	3.01E-01	7.22E+00	9.79E+00	0.00E+00	4.36E-03
358.517	6368.924	Residential	6.82E-01	1.51E-01	4.97E+00	6.72E+00	0.00E+00	1.87E-03
358.402	6368.881	Residential	1.14E+00	2.21E-01	6.19E+00	8.61E+00	0.00E+00	3.34E-03
358.091	6368.749	Residential	1.45E+00	3.57E-01	6.72E+00	8.22E+00	0.00E+00	3.73E-03
358.021	6368.716	Residential	1.16E+00	3.00E-01	5.67E+00	6.86E+00	0.00E+00	2.89E-03
357.945	6368.69	Residential	9.12E-01	2.43E-01	4.83E+00	5.75E+00	0.00E+00	2.21E-03
357.86	6368.642	Residential	5.86E-01	1.60E-01	3.69E+00	4.31E+00	0.00E+00	1.40E-03
357.777	6368.612	Residential	3.95E-01	1.10E-01	3.00E+00	3.47E+00	0.00E+00	9.24E-04
357.675	6368.56	Residential	2.48E-01	6.81E-02	2.39E+00	2.79E+00	0.00E+00	5.86E-04
357.587	6368.524	Residential	1.99E-01	5.48E-02	2.18E+00	2.54E+00	0.00E+00	4.67E-04
357.503	6368.491	Residential	1.74E-01	4.81E-02	2.04E+00	2.37E+00	0.00E+00	4.06E-04
357.428	6368.461	Residential	1.63E-01	4.54E-02	1.99E+00	2.30E+00	0.00E+00	3.78E-04
357.365	6368.424	Residential	1.57E-01	4.39E-02	1.99E+00	2.27E+00	0.00E+00	3.63E-04
357.311	6368.395	Residential	1.52E-01	4.19E-02	1.95E+00	2.23E+00	0.00E+00	3.54E-04
357.23	6368.368	Residential	1.46E-01	3.94E-02	1.90E+00	2.19E+00	0.00E+00	3.46E-04
357.149	6368.326	Residential	1.38E-01	3.69E-02	1.85E+00	2.16E+00	0.00E+00	3.34E-04
357.094	6368.304	Residential	1.35E-01	3.58E-02	1.83E+00	2.14E+00	0.00E+00	3.25E-04
357.041	6368.276	Residential	1.30E-01	3.45E-02	1.80E+00	2.10E+00	0.00E+00	3.14E-04
356.976	6368.254	Residential	1.27E-01	3.37E-02	1.79E+00	2.09E+00	0.00E+00	3.06E-04
356.911	6368.233	Residential	1.26E-01	3.34E-02	1.80E+00	2.10E+00	0.00E+00	3.03E-04
356.774	6368.158	Residential	1.23E-01	3.25E-02	1.81E+00	2.14E+00	0.00E+00	2.98E-04
356.689	6368.137	Residential	1.25E-01	3.29E-02	1.84E+00	2.18E+00	0.00E+00	3.03E-04
356.744	6367.995	Residential	1.03E-01	2.60E-02	1.67E+00	2.01E+00	0.00E+00	2.58E-04
356.851	6368.027	Residential	1.03E-01	2.61E-02	1.61E+00	1.93E+00	0.00E+00	2.57E-04
356.949	6368.066	Residential	1.05E-01	2.70E-02	1.60E+00	1.90E+00	0.00E+00	2.62E-04
357.038	6368.11	Residential	1.11E-01	2.86E-02	1.62E+00	1.93E+00	0.00E+00	2.75E-04
357.112	6368.139	Residential	1.15E-01	2.96E-02	1.63E+00	1.95E+00	0.00E+00	2.85E-04
357.186	6368.176	Residential	1.19E-01	3.08E-02	1.65E+00	1.96E+00	0.00E+00	2.95E-04
357.28	6368.261	Residential	1.30E-01	3.44E-02	1.74E+00	2.03E+00	0.00E+00	3.16E-04
357.369	6368.254	Residential	1.30E-01	3.43E-02	1.71E+00	2.00E+00	0.00E+00	3.14E-04
357.43	6368.28	Residential	1.33E-01	3.47E-02	1.70E+00	2.00E+00	0.00E+00	3.24E-04
357.59	6368.343	Residential	1.50E-01	3.85E-02	1.76E+00	2.11E+00	0.00E+00	3.72E-04
357.673	6368.385	Residential	1.70E-01	4.35E-02	1.86E+00	2.23E+00	0.00E+00	4.26E-04
357.748	6368.412	Residential	1.96E-01	4.96E-02	1.94E+00	2.35E+00	0.00E+00	4.94E-04
357.804	6368.446	Residential	2.38E-01	6.07E-02	2.15E+00	2.58E+00	0.00E+00	5.99E-04
357.885	6368.483	Residential	3.25E-01	8.29E-02	2.54E+00	3.06E+00	0.00E+00	8.19E-04
357.973	6368.502	Residential	4.27E-01	1.07E-01	2.92E+00	3.59E+00	0.00E+00	1.09E-03
358.079	6368.556	Residential	6.49E-01	1.60E-01	3.78E+00	4.73E+00	0.00E+00	1.68E-03
358.157	6368.589	Residential	8.27E-01	2.01E-01	4.52E+00	5.68E+00	0.00E+00	2.15E-03
358.449	6368.729	Residential	1.05E+00	2.00E-01	6.16E+00	8.50E+00	0.00E+00	3.13E-03
358.547	6368.77	Residential	7.62E-01	1.37E-01	5.51E+00	7.77E+00	0.00E+00	2.33E-03
358.615	6368.712	Residential	5.95E-01	1.09E-01	5.15E+00	7.23E+00	0.00E+00	1.80E-03
358.538	6368.685	Residential	7.85E-01	1.49E-01	5.68E+00	7.85E+00	0.00E+00	2.34E-03
358.477	6368.653	Residential	8.80E-01	1.80E-01	5.73E+00	7.67E+00	0.00E+00	2.53E-03
358.378	6368.621	Residential	9.50E-01	2.12E-01	5.53E+00	7.10E+00	0.00E+00	2.61E-03
358.278	6368.577	Residential	8.51E-01	2.00E-01	4.80E+00	6.10E+00	0.00E+00	2.27E-03
358.17	6368.525	Residential	6.50E-01	1.57E-01	3.85E+00	4.88E+00	0.00E+00	1.70E-03
358.082	6368.483	Residential	4.87E-01	1.19E-01	3.15E+00	3.97E+00	0.00E+00	1.27E-03
357.98	6368.446	Residential	3.49E-01	8.67E-02	2.59E+00	3.19E+00	0.00E+00	8.96E-04
357.894	6368.403	Residential	2.51E-01	6.31E-02	2.18E+00	2.65E+00	0.00E+00	6.40E-04
357.833	6368.376	Residential	2.06E-01	5.15E-02	1.95E+00	2.38E+00	0.00E+00	5.25E-04
357.748	6368.337	Residential	1.67E-01	4.15E-02	1.77E+00	2.17E+00	0.00E+00	4.25E-04
357.653	6368.335	Residential	1.54E-01	3.91E-02	1.76E+00	2.13E+00	0.00E+00	3.88E-04
357.575	6368.282	Residential	1.37E-01	3.47E-02	1.66E+00	2.00E+00	0.00E+00	3.42E-04
357.512	6368.248	Residential	1.28E-01	3.26E-02	1.61E+00	1.94E+00	0.00E+00	3.20E-04
357.444	6368.222	Residential	1.25E-01	3.22E-02	1.62E+00	1.93E+00	0.00E+00	3.08E-04
357.392	6368.197	Residential	1.22E-01	3.17E-02	1.63E+00	1.92E+00	0.00E+00	2.98E-04
357.313	6368.176	Residential	1.20E-01	3.13E-02	1.64E+00	1.92E+00	0.00E+00	2.93E-04
357.248	6368.141	Residential	1.15E-01	2.96E-02	1.59E+00	1.88E+00	0.00E+00	2.84E-04
357.195	6368.111	Residential	1.12E-01	2.85E-02	1.57E+00	1.88E+00	0.00E+00	2.79E-04
357.124	6368.079	Residential	1.09E-01	2.76E-02	1.57E+00	1.89E+00	0.00E+00	2.72E-04
357.042	6368.056	Residential	1.06E-01	2.70E-02	1.57E+00	1.89E+00	0.00E+00	2.64E-04
356.934	6367.994	Residential	9.87E-02	2.51E-02	1.55E+00	1.86E+00	0.00E+00	2.47E-04
356.834	6367.961	Residential	9.60E-02	2.42E-02	1.57E+00	1.89E+00	0.00E+00	2.43E-04
356.761	6367.924	Residential	9.42E-02	2.35E-02	1.60E+00	1.94E+00	0.00E+00	2.40E-04
356.971	6368.344	Residential	1.40E-01	3.79E-02	1.92E+00	2.21E+00	0.00E+00	3.31E-04
356.884	6368.289	Residential	1.36E-01	3.69E-02	1.91E+00	2.21E+00	0.00E+00	3.22E-04
356.797	6368.271	Residential	1.40E-01	3.82E-02	1.96E+00	2.26E+00	0.00E+00	3.29E-04
356.718	6368.249	Residential	1.41E-01	3.83E-02	1.95E+00	2.28E+00	0.00E+00	3.36E-04
356.655	6368.227	Residential	1.42E-01	3.77E-02	1.93E+00	2.28E+00	0.00E+00	3.42E-04
356.62	6368.373	Residential	1.82E-01	4.92E-02	2.21E+00	2.58E+00	0.00E+00	4.33E-04
356.685	6368.372	Residential	1.73E-01	4.80E-02	2.17E+00	2.50E+00	0.00E+00	4.05E-04
356.733	6368.41	Residential	1.78E-01	5.04E-02	2.24E+00	2.55E+00	0.00E+00	4.08E-04
356.811	6368.454	Residential	1.78E-01	5.16E-02	2.30E+00	2.56E+00	0.00E+00	3.99E-04
356.873	6368.504	Residential	1.83E-01	5.42E-02	2.40E+00	2.63E+00	0.00E+00	3.97E-04
357.467	6368.789	Residential	2.25E-01	7.44E-02	3.13E+00	3.36E+00	0.00E+00	4.20E-04
357.091	6370	Residential	2.07E-01	6.47E-02	3.36E+00	3.75E+00	0.00E+00	3.89E-04
357.742	6369.959	Residential	1.19E-01	3.63E-02	2.06E+00	2.33E+00	0.00E+00	2.33E-04
358.088	6370.204	Residential	1.01E-01	2.85E-02	1.68E+00	1.96E+00	0.00E+00	2.22E-04

358.155	6370.188	Residential	1.01E-01	2.81E-02	1.67E+00	1.96E+00	0.00E+00	2.26E-04
358.206	6370.073	Residential	1.12E-01	2.97E-02	1.78E+00	2.15E+00	0.00E+00	2.59E-04
358.314	6370.02	Residential	1.25E-01	3.41E-02	1.94E+00	2.28E+00	0.00E+00	2.83E-04
358.403	6369.962	Residential	1.29E-01	3.49E-02	1.99E+00	2.35E+00	0.00E+00	2.99E-04
356.494	6369.541	Residential	2.34E-01	6.63E-02	3.95E+00	4.66E+00	0.00E+00	5.04E-04
356.574	6369.476	Residential	2.53E-01	7.35E-02	4.31E+00	5.01E+00	0.00E+00	5.22E-04
356.38	6369.869	Residential	2.10E-01	6.09E-02	3.42E+00	3.97E+00	0.00E+00	4.47E-04
356.336	6369.757	Residential	2.03E-01	5.74E-02	3.36E+00	3.95E+00	0.00E+00	4.45E-04
356.373	6369.623	Residential	2.18E-01	5.97E-02	3.62E+00	4.31E+00	0.00E+00	4.88E-04
356.391	6369.531	Residential	2.31E-01	6.29E-02	3.87E+00	4.60E+00	0.00E+00	5.24E-04
356.403	6369.464	Residential	2.43E-01	6.51E-02	4.08E+00	4.86E+00	0.00E+00	5.59E-04
356.372	6369.291	Residential	2.55E-01	7.08E-02	4.24E+00	4.92E+00	0.00E+00	5.66E-04
356.369	6369.239	Residential	2.48E-01	7.08E-02	4.13E+00	4.70E+00	0.00E+00	5.38E-04
356.357	6369.176	Residential	2.34E-01	6.75E-02	3.90E+00	4.39E+00	0.00E+00	5.05E-04
356.351	6369.137	Residential	2.29E-01	6.61E-02	3.80E+00	4.27E+00	0.00E+00	4.92E-04
356.347	6369.082	Residential	2.25E-01	6.53E-02	3.70E+00	4.14E+00	0.00E+00	4.79E-04
356.342	6369.032	Residential	2.20E-01	6.43E-02	3.58E+00	3.99E+00	0.00E+00	4.70E-04
356.331	6368.986	Residential	2.18E-01	6.34E-02	3.48E+00	3.87E+00	0.00E+00	4.70E-04
356.319	6368.942	Residential	2.17E-01	6.26E-02	3.35E+00	3.73E+00	0.00E+00	4.73E-04
356.305	6368.889	Residential	2.19E-01	6.26E-02	3.16E+00	3.54E+00	0.00E+00	4.85E-04
356.296	6368.839	Residential	2.29E-01	6.55E-02	3.02E+00	3.38E+00	0.00E+00	5.09E-04
356.292	6368.788	Residential	2.49E-01	7.22E-02	2.97E+00	3.27E+00	0.00E+00	5.50E-04
356.282	6368.739	Residential	2.74E-01	8.09E-02	3.02E+00	3.25E+00	0.00E+00	5.98E-04
356.272	6368.708	Residential	2.88E-01	8.60E-02	3.09E+00	3.26E+00	0.00E+00	6.25E-04
356.268	6368.642	Residential	2.96E-01	8.74E-02	3.07E+00	3.21E+00	0.00E+00	6.50E-04
356.261	6368.592	Residential	2.84E-01	8.11E-02	2.91E+00	3.11E+00	0.00E+00	6.43E-04
356.248	6368.564	Residential	2.73E-01	7.67E-02	2.82E+00	3.05E+00	0.00E+00	6.31E-04
356.249	6368.483	Residential	2.37E-01	6.19E-02	2.49E+00	2.85E+00	0.00E+00	5.83E-04
356.238	6368.431	Residential	2.17E-01	5.47E-02	2.35E+00	2.76E+00	0.00E+00	5.47E-04
356.226	6368.383	Residential	2.01E-01	4.95E-02	2.25E+00	2.69E+00	0.00E+00	5.16E-04
356.218	6368.327	Residential	1.86E-01	4.50E-02	2.18E+00	2.66E+00	0.00E+00	4.85E-04
356.213	6368.278	Residential	1.76E-01	4.21E-02	2.16E+00	2.66E+00	0.00E+00	4.62E-04
356.206	6368.229	Residential	1.66E-01	3.95E-02	2.14E+00	2.66E+00	0.00E+00	4.39E-04
356.194	6368.176	Residential	1.56E-01	3.69E-02	2.12E+00	2.65E+00	0.00E+00	4.14E-04
355.951	6368.107	Residential	1.44E-01	3.28E-02	2.07E+00	2.62E+00	0.00E+00	3.91E-04
355.962	6368.172	Residential	1.56E-01	3.62E-02	2.10E+00	2.64E+00	0.00E+00	4.21E-04
355.977	6368.227	Residential	1.69E-01	3.96E-02	2.15E+00	2.68E+00	0.00E+00	4.48E-04
355.99	6368.271	Residential	1.79E-01	4.29E-02	2.19E+00	2.70E+00	0.00E+00	4.69E-04
356	6368.344	Residential	1.98E-01	4.98E-02	2.31E+00	2.76E+00	0.00E+00	5.04E-04
356.008	6368.379	Residential	2.10E-01	5.41E-02	2.39E+00	2.80E+00	0.00E+00	5.24E-04
356.013	6368.421	Residential	2.26E-01	5.99E-02	2.51E+00	2.87E+00	0.00E+00	5.50E-04
356.018	6368.464	Residential	2.43E-01	6.63E-02	2.64E+00	2.95E+00	0.00E+00	5.78E-04
356.022	6368.52	Residential	2.64E-01	7.40E-02	2.79E+00	3.04E+00	0.00E+00	6.11E-04
356.036	6368.58	Residential	2.81E-01	8.04E-02	2.90E+00	3.11E+00	0.00E+00	6.35E-04
356.05	6368.626	Residential	2.88E-01	8.36E-02	2.94E+00	3.14E+00	0.00E+00	6.41E-04
356.055	6368.677	Residential	2.86E-01	8.38E-02	2.93E+00	3.15E+00	0.00E+00	6.32E-04
356.06	6368.726	Residential	2.75E-01	8.05E-02	2.89E+00	3.14E+00	0.00E+00	6.07E-04
356.074	6368.773	Residential	2.57E-01	7.45E-02	2.85E+00	3.15E+00	0.00E+00	5.73E-04
356.084	6368.829	Residential	2.34E-01	6.59E-02	2.84E+00	3.21E+00	0.00E+00	5.31E-04
356.089	6368.879	Residential	2.16E-01	5.97E-02	2.88E+00	3.31E+00	0.00E+00	4.99E-04
356.102	6368.924	Residential	2.07E-01	5.68E-02	2.97E+00	3.41E+00	0.00E+00	4.78E-04
356.108	6368.984	Residential	2.02E-01	5.55E-02	3.11E+00	3.55E+00	0.00E+00	4.61E-04
356.116	6369.023	Residential	2.01E-01	5.54E-02	3.19E+00	3.63E+00	0.00E+00	4.57E-04
356.128	6369.079	Residential	2.00E-01	5.47E-02	3.24E+00	3.70E+00	0.00E+00	4.57E-04
356.134	6369.126	Residential	2.01E-01	5.47E-02	3.28E+00	3.78E+00	0.00E+00	4.64E-04
356.139	6369.176	Residential	2.03E-01	5.50E-02	3.33E+00	3.86E+00	0.00E+00	4.71E-04
356.147	6369.22	Residential	2.10E-01	5.64E-02	3.44E+00	4.01E+00	0.00E+00	4.87E-04
356.162	6369.289	Residential	2.21E-01	5.83E-02	3.64E+00	4.31E+00	0.00E+00	5.22E-04
356.266	6369.536	Residential	2.22E-01	5.83E-02	3.68E+00	4.43E+00	0.00E+00	5.21E-04
356.5	6368.55	Grid Location	2.49E-01	6.72E-02	2.65E+00	3.03E+00	0.00E+00	5.94E-04
356.55	6368.55	Grid Location	2.48E-01	6.73E-02	2.69E+00	3.09E+00	0.00E+00	5.87E-04
356.6	6368.55	Grid Location	2.45E-01	6.73E-02	2.72E+00	3.11E+00	0.00E+00	5.72E-04
356.65	6368.55	Grid Location	2.38E-01	6.69E-02	2.71E+00	3.07E+00	0.00E+00	5.45E-04
356.7	6368.55	Grid Location	2.28E-01	6.60E-02	2.67E+00	2.97E+00	0.00E+00	5.09E-04
356.75	6368.55	Grid Location	2.17E-01	6.45E-02	2.62E+00	2.87E+00	0.00E+00	4.74E-04
356.8	6368.55	Grid Location	2.07E-01	6.22E-02	2.56E+00	2.79E+00	0.00E+00	4.43E-04
356.85	6368.55	Grid Location	1.98E-01	6.00E-02	2.53E+00	2.75E+00	0.00E+00	4.21E-04
356.9	6368.55	Grid Location	1.91E-01	5.78E-02	2.52E+00	2.73E+00	0.00E+00	4.06E-04
356.95	6368.55	Grid Location	1.85E-01	5.55E-02	2.49E+00	2.71E+00	0.00E+00	3.97E-04
357	6368.55	Grid Location	1.79E-01	5.28E-02	2.41E+00	2.65E+00	0.00E+00	3.90E-04
357.05	6368.55	Grid Location	1.75E-01	5.06E-02	2.32E+00	2.60E+00	0.00E+00	3.87E-04
357.1	6368.55	Grid Location	1.73E-01	4.97E-02	2.27E+00	2.58E+00	0.00E+00	3.88E-04
357.15	6368.55	Grid Location	1.74E-01	4.97E-02	2.25E+00	2.57E+00	0.00E+00	3.89E-04
357.2	6368.55	Grid Location	1.75E-01	5.02E-02	2.25E+00	2.57E+00	0.00E+00	3.92E-04
357.25	6368.55	Grid Location	1.76E-01	5.07E-02	2.25E+00	2.56E+00	0.00E+00	3.92E-04
357.3	6368.55	Grid Location	1.77E-01	5.12E-02	2.25E+00	2.55E+00	0.00E+00	3.93E-04
357.35	6368.55	Grid Location	1.78E-01	5.15E-02	2.24E+00	2.54E+00	0.00E+00	3.95E-04
357.4	6368.55	Grid Location	1.78E-01	5.11E-02	2.20E+00	2.51E+00	0.00E+00	4.00E-04
357.45	6368.55	Grid Location	1.81E-01	5.11E-02	2.16E+00	2.49E+00	0.00E+00	4.10E-04
357.5	6368.55	Grid Location	1.88E-01	5.27E-02	2.18E+00	2.52E+00	0.00E+00	4.29E-04
357.55	6368.55	Grid Location	1.98E-01	5.51E-02	2.22E+00	2.57E+00	0.00E+00	4.57E-04
357.6	6368.55	Grid Location	2.12E-01	5.85E-02	2.27E+00	2.64E+00	0.00E+00	4.96E-04
357.65	6368.55	Grid Location	2.31E-01	6.32E-02	2.32E+00	2.71E+00	0.00E+00	5.44E-04
357.7	6368.55	Grid Location	2.57E-01	7.01E-02	2.40E+00	2.80E+00	0.00E+00	6.09E-04
357.75	6368.55	Grid Location	2.92E-01	7.94E-02	2.53E+00	2.95E+00	0.00E+00	6.97E-04
357.8	6368.55	Grid Location	3.34E-01	9.01E-02	2.67E+00	3.13E+00	0.00E+00	8.05E-04
357.85	6368.55	Grid Location	3.84E-01	1.02E-01	2.85E+00	3.37E+00	0.00E+00	9.42E-04
357.9	6368.55	Grid Location	4.38E-01	1.13E-01	3.03E+00	3.63E+00	0.00E+00	1.09E-03
357.95	6368.55	Grid Location	4.93E-01	1.25E-01	3.20E+00	3.90E+00	0.00E+00	1.25E-03
358	6368.55	Grid Location	5.51E-01	1.37E-01	3.41E+00	4.21E+00	0.00E+00	1.41E-03
356.5	6368.601	Grid Location	2.63E-01	7.25E-02	2.77E+00	3.09E+00	0.00E+00	6.12E-04
356.55	6368.601	Grid Location	2.61E-01	7.18E-02	2.81E+00	3.17E+00	0.00E+00	6.08E-04
356.6	6368.601	Grid Location	2.56E-01	7.12E-02	2.84E+00	3.20E+00	0.00E+00	5.93E-04
356.65	6368.601	Grid Location	2.51E-01	7.15E-02	2.87E+00	3.21E+00	0.00E+00	5.70E-04
356.7	6368.601	Grid Location	2.43E-01	7.16E-02	2.86E+00	3.15E+00	0.00E+00	5.34E-04
356.75	6368.601	Grid Location	2.33E-01	7.07E-02	2.81E+00	3.04E+00	0.00E+00	4.95E-04
356.8	6368.601	Grid Location	2.22E-01	6.86E-02	2.75E+00	2.95E+00	0.00E+00	4.63E-04
356.85	6368.601	Grid Location	2.12E-01	6.56E-02	2.70E+00	2.89E+00	0.00E+00	4.39E-04
356.9	6368.601	Grid Location	2.03E-01	6.25E-02	2.67E+00	2.86E+00	0.00E+00	4.23E-04
356.95	6368.601	Grid Location	1.96E-01	5.97E-02	2.65E+00	2.84E+00	0.00E+00	4.11E-04
357	6368.601	Grid Location	1.89E-01	5.67E-02	2.58E+00	2.79E+00	0.00E+00	4.02E-04
357.05	6368.601	Grid Location	1.83E-01	5.41E-02	2.47E+00	2.73E+00	0.00E+00	3.96E-04
357.1	6368.601	Grid Location	1.79E-01	5.26E-02	2.39E+00	2.68E+00	0.00E+00	3.93E-04
357.15	6368.601	Grid Location	1.79E-01	5.26E-02	2.36E+00	2.66E+00	0.00E+00	3.93E-04
357.2	6368.601	Grid Location	1.81E-01	5.33E-02	2.36E+00	2.65E+00	0.00E+00	3.94E-04
357.25	6368.601	Grid Location	1.83E-01	5.41E-02	2.37E+00	2.66E+00	0.00E+00	3.96E-04
357.3	6368.601	Grid Location	1.84E-01	5.49E-02	2.38E+00	2.66E+00	0.00E+00	3.98E-04
357.35	6368.601	Grid Location	1.85E-01	5.52E-02	2.36E+00	2.64E+00	0.00E+00	4.00E-04
357.4	6368.601	Grid Location	1.86E-01	5.49E-02	2.32E+00	2.61E+00	0.00E+00	4.07E-04
357.45	6368.601	Grid Location	1.90E-01	5.51E-02	2.29E+00	2.60E+00	0.00E+00	4.20E-04
357.5	6368.601	Grid Location	1.99E-01	5.71E-02	2.33E+00	2.65E+00	0.00E+00	4.45E-04
357.55	6368.601	Grid Location	2.12E-01	6.03E-02	2.38E+00	2.73E+00	0.00E+00	4.82E-04
357.6	6368.601	Grid Location	2.32E-01	6.50E-02	2.44E+00	2.81E+00	0.00E+00	5.34E-04
357.65	6368.601	Grid Location	2.60E-01	7.22E-02	2.53E+00	2.93E+00	0.00E+00	6.03E-04
357.7	6368.601	Grid Location	2.97E-01	8.27E-02	2.65E+00	3.06E+00	0.00E+00	6.94E-04
357.75	6368.601	Grid Location	3.47E-01	9.65E-02	2.82E+00	3.26E+00	0.00E+00	8.11E-04
357.8	6368.601	Grid Location	4.06E-01	1.12E-01	3.01E+00	3.49E+00	0.00E+00	9.57E-04
357.85	6368.601	Grid Location	4.73E-01	1.28E-01	3.24E+00	3.80E+00	0.00E+00	1.14E-03
357.9	6368.601	Grid Location	5.43E-01	1.43E-01	3.46E+00	4.12E+00	0.00E+00	1.33E-03
357.95	6368.601	Grid Location	6.12E-01	1.57E-01	3.67E+00	4.45E+00	0.00E+00	1.53E-03
358	6368.601	Grid Location	6.80E-01	1.71E-01	3.90E+00	4.79E+00	0.00E+00	1.73E-03
356.5	6368.65	Grid Location	2.70E-01	7.63E-02	2.89E+00	3.16E+00	0.00E+00	6.16E-04
356.55	6368.65	Grid Location	2.66E-01	7.46E-02	2.92E+00	3.21E+00	0.00E+00	6.11E-04
356.6	6368.65	Grid Location	2.63E-01	7.41E-02	2.97E+00	3.28E+00	0.00E+00	5.98E-04
356.65	6368.65	Grid Location	2.59E-01	7.50E-02	3.02E+00	3.33E+00	0.00E+00	5.77E-04
356.7	6368.65	Grid Location	2.54E-01	7.63E-02	3.05E+00	3.33E+00	0.00E+00	5.46E-04
356.75	6368.65	Grid Location	2.47E-01	7.64E-02	3.03E+00	3.25E+00	0.00E+00	5.13E-04
356.8	6368.65	Grid Location	2.37E-01	7.46E-02	2.97E+00	3.14E+00	0.00E+00	4.82E-04
356.85	6368.65	Grid Location	2.25E-01	7.09E-02	2.90E+00	3.06E+00	0.00E+00	4.57E-04
356.9	6368.65	Grid Location	2.14E-01	6.67E-02	2.84E+00	3.00E+00	0.00E+00	4.38E-04
356.95	6368.65	Grid Location	2.05E-01	6.35E-02	2.81E+00	2.98E+00	0.00E+00	4.23E-04
357	6368.65	Grid Location	1.98E-01	6.10E-02	2.77E+00	2.94E+00	0.00E+00	4.10E-04

357.05	6368.65 Grid Location	1.90E-01	5.82E-02	2.66E+00	2.86E+00	0.00E+00	3.99E-04
357.1	6368.65 Grid Location	1.85E-01	5.63E-02	2.54E+00	2.79E+00	0.00E+00	3.91E-04
357.15	6368.65 Grid Location	1.84E-01	5.61E-02	2.49E+00	2.76E+00	0.00E+00	3.88E-04
357.2	6368.65 Grid Location	1.86E-01	5.69E-02	2.49E+00	2.76E+00	0.00E+00	3.89E-04
357.25	6368.65 Grid Location	1.88E-01	5.81E-02	2.51E+00	2.77E+00	0.00E+00	3.91E-04
357.3	6368.65 Grid Location	1.91E-01	5.92E-02	2.53E+00	2.77E+00	0.00E+00	3.93E-04
357.35	6368.65 Grid Location	1.92E-01	5.96E-02	2.52E+00	2.76E+00	0.00E+00	3.97E-04
357.4	6368.65 Grid Location	1.93E-01	5.92E-02	2.47E+00	2.74E+00	0.00E+00	4.05E-04
357.45	6368.65 Grid Location	1.98E-01	5.99E-02	2.46E+00	2.74E+00	0.00E+00	4.22E-04
357.5	6368.65 Grid Location	2.10E-01	6.26E-02	2.51E+00	2.80E+00	0.00E+00	4.53E-04
357.55	6368.65 Grid Location	2.28E-01	6.70E-02	2.59E+00	2.90E+00	0.00E+00	5.02E-04
357.6	6368.65 Grid Location	2.56E-01	7.39E-02	2.68E+00	3.03E+00	0.00E+00	5.75E-04
357.65	6368.65 Grid Location	2.96E-01	8.45E-02	2.80E+00	3.20E+00	0.00E+00	6.74E-04
357.7	6368.65 Grid Location	3.52E-01	9.99E-02	2.98E+00	3.40E+00	0.00E+00	8.04E-04
357.75	6368.65 Grid Location	4.20E-01	1.19E-01	3.17E+00	3.64E+00	0.00E+00	9.65E-04
357.8	6368.65 Grid Location	5.01E-01	1.40E-01	3.42E+00	3.95E+00	0.00E+00	1.17E-03
357.85	6368.65 Grid Location	5.92E-01	1.63E-01	3.73E+00	4.34E+00	0.00E+00	1.40E-03
357.9	6368.65 Grid Location	6.81E-01	1.83E-01	4.01E+00	4.74E+00	0.00E+00	1.65E-03
357.95	6368.65 Grid Location	7.66E-01	2.01E-01	4.28E+00	5.14E+00	0.00E+00	1.89E-03
358	6368.65 Grid Location	8.43E-01	2.16E-01	4.50E+00	5.49E+00	0.00E+00	2.11E-03
356.5	6368.701 Grid Location	2.72E-01	7.82E-02	3.01E+00	3.26E+00	0.00E+00	6.05E-04
356.55	6368.701 Grid Location	2.65E-01	7.54E-02	3.03E+00	3.28E+00	0.00E+00	5.96E-04
356.6	6368.701 Grid Location	2.61E-01	7.51E-02	3.09E+00	3.35E+00	0.00E+00	5.83E-04
356.65	6368.701 Grid Location	2.60E-01	7.68E-02	3.16E+00	3.44E+00	0.00E+00	5.65E-04
356.7	6368.701 Grid Location	2.60E-01	7.94E-02	3.23E+00	3.50E+00	0.00E+00	5.46E-04
356.75	6368.701 Grid Location	2.57E-01	8.05E-02	3.25E+00	3.47E+00	0.00E+00	5.23E-04
356.8	6368.701 Grid Location	2.49E-01	7.91E-02	3.20E+00	3.36E+00	0.00E+00	4.97E-04
356.85	6368.701 Grid Location	2.36E-01	7.51E-02	3.11E+00	3.23E+00	0.00E+00	4.70E-04
356.9	6368.701 Grid Location	2.24E-01	7.10E-02	3.04E+00	3.16E+00	0.00E+00	4.48E-04
356.95	6368.701 Grid Location	2.14E-01	6.79E-02	3.01E+00	3.12E+00	0.00E+00	4.29E-04
357	6368.701 Grid Location	2.06E-01	6.56E-02	2.97E+00	3.08E+00	0.00E+00	4.11E-04
357.05	6368.701 Grid Location	1.98E-01	6.30E-02	2.87E+00	3.00E+00	0.00E+00	3.94E-04
357.1	6368.701 Grid Location	1.91E-01	6.07E-02	2.74E+00	2.92E+00	0.00E+00	3.83E-04
357.15	6368.701 Grid Location	1.89E-01	5.99E-02	2.66E+00	2.89E+00	0.00E+00	3.78E-04
357.2	6368.701 Grid Location	1.90E-01	6.06E-02	2.65E+00	2.89E+00	0.00E+00	3.78E-04
357.25	6368.701 Grid Location	1.93E-01	6.20E-02	2.68E+00	2.91E+00	0.00E+00	3.81E-04
357.3	6368.701 Grid Location	1.96E-01	6.33E-02	2.71E+00	2.92E+00	0.00E+00	3.84E-04
357.35	6368.701 Grid Location	1.98E-01	6.37E-02	2.70E+00	2.92E+00	0.00E+00	3.89E-04
357.4	6368.701 Grid Location	2.00E-01	6.37E-02	2.66E+00	2.90E+00	0.00E+00	3.98E-04
357.45	6368.701 Grid Location	2.07E-01	6.54E-02	2.67E+00	2.93E+00	0.00E+00	4.18E-04
357.5	6368.701 Grid Location	2.22E-01	6.94E-02	2.75E+00	3.00E+00	0.00E+00	4.54E-04
357.55	6368.701 Grid Location	2.46E-01	7.58E-02	2.86E+00	3.12E+00	0.00E+00	5.15E-04
357.6	6368.701 Grid Location	2.86E-01	8.63E-02	3.00E+00	3.30E+00	0.00E+00	6.12E-04
357.65	6368.701 Grid Location	3.46E-01	1.03E-01	3.20E+00	3.55E+00	0.00E+00	7.56E-04
357.7	6368.701 Grid Location	4.27E-01	1.25E-01	3.43E+00	3.85E+00	0.00E+00	9.47E-04
357.75	6368.701 Grid Location	5.22E-01	1.51E-01	3.67E+00	4.17E+00	0.00E+00	1.18E-03
357.8	6368.701 Grid Location	6.32E-01	1.79E-01	3.97E+00	4.56E+00	0.00E+00	1.46E-03
357.85	6368.701 Grid Location	7.51E-01	2.08E-01	4.33E+00	5.04E+00	0.00E+00	1.76E-03
357.9	6368.701 Grid Location	8.64E-01	2.35E-01	4.70E+00	5.52E+00	0.00E+00	2.06E-03
357.95	6368.701 Grid Location	9.65E-01	2.57E-01	5.02E+00	5.98E+00	0.00E+00	2.34E-03
358	6368.701 Grid Location	1.05E+00	2.73E-01	5.27E+00	6.36E+00	0.00E+00	2.60E-03
356.5	6368.75 Grid Location	2.62E-01	7.59E-02	3.10E+00	3.35E+00	0.00E+00	5.77E-04
356.55	6368.75 Grid Location	2.55E-01	7.35E-02	3.13E+00	3.38E+00	0.00E+00	5.66E-04
356.6	6368.75 Grid Location	2.53E-01	7.41E-02	3.21E+00	3.45E+00	0.00E+00	5.53E-04
356.65	6368.75 Grid Location	2.55E-01	7.67E-02	3.29E+00	3.54E+00	0.00E+00	5.40E-04
356.7	6368.75 Grid Location	2.58E-01	8.00E-02	3.37E+00	3.63E+00	0.00E+00	5.31E-04
356.75	6368.75 Grid Location	2.60E-01	8.18E-02	3.40E+00	3.64E+00	0.00E+00	5.22E-04
356.8	6368.75 Grid Location	2.55E-01	8.11E-02	3.39E+00	3.56E+00	0.00E+00	5.06E-04
356.85	6368.75 Grid Location	2.45E-01	7.87E-02	3.35E+00	3.44E+00	0.00E+00	4.81E-04
356.9	6368.75 Grid Location	2.34E-01	7.61E-02	3.30E+00	3.34E+00	0.00E+00	4.54E-04
356.95	6368.75 Grid Location	2.23E-01	7.31E-02	3.23E+00	3.28E+00	0.00E+00	4.27E-04
357	6368.75 Grid Location	2.13E-01	7.07E-02	3.18E+00	3.23E+00	0.00E+00	4.03E-04
357.05	6368.75 Grid Location	2.05E-01	6.82E-02	3.10E+00	3.16E+00	0.00E+00	3.83E-04
357.1	6368.75 Grid Location	1.97E-01	6.53E-02	2.97E+00	3.08E+00	0.00E+00	3.70E-04
357.15	6368.75 Grid Location	1.92E-01	6.32E-02	2.85E+00	3.04E+00	0.00E+00	3.64E-04
357.2	6368.75 Grid Location	1.92E-01	6.28E-02	2.81E+00	3.04E+00	0.00E+00	3.65E-04
357.25	6368.75 Grid Location	1.95E-01	6.37E-02	2.84E+00	3.07E+00	0.00E+00	3.70E-04
357.3	6368.75 Grid Location	1.98E-01	6.50E-02	2.87E+00	3.09E+00	0.00E+00	3.74E-04
357.35	6368.75 Grid Location	2.00E-01	6.56E-02	2.87E+00	3.10E+00	0.00E+00	3.80E-04
357.4	6368.75 Grid Location	2.04E-01	6.64E-02	2.84E+00	3.09E+00	0.00E+00	3.91E-04
357.45	6368.75 Grid Location	2.14E-01	6.97E-02	2.90E+00	3.14E+00	0.00E+00	4.13E-04
357.5	6368.75 Grid Location	2.34E-01	7.63E-02	3.04E+00	3.25E+00	0.00E+00	4.54E-04
357.55	6368.75 Grid Location	2.68E-01	8.65E-02	3.22E+00	3.41E+00	0.00E+00	5.27E-04
357.6	6368.75 Grid Location	3.23E-01	1.03E-01	3.44E+00	3.66E+00	0.00E+00	6.51E-04
357.65	6368.75 Grid Location	4.09E-01	1.28E-01	3.72E+00	4.00E+00	0.00E+00	8.45E-04
357.7	6368.75 Grid Location	5.24E-01	1.60E-01	4.02E+00	4.40E+00	0.00E+00	1.11E-03
357.75	6368.75 Grid Location	6.60E-01	1.95E-01	4.35E+00	4.86E+00	0.00E+00	1.45E-03
357.8	6368.75 Grid Location	8.06E-01	2.32E-01	4.70E+00	5.36E+00	0.00E+00	1.82E-03
357.85	6368.75 Grid Location	9.55E-01	2.68E-01	5.10E+00	5.90E+00	0.00E+00	2.21E-03
357.9	6368.75 Grid Location	1.09E+00	3.00E-01	5.50E+00	6.44E+00	0.00E+00	2.55E-03
357.95	6368.75 Grid Location	1.21E+00	3.26E-01	5.87E+00	6.95E+00	0.00E+00	2.88E-03
358	6368.75 Grid Location	1.31E+00	3.44E-01	6.20E+00	7.43E+00	0.00E+00	3.20E-03
356.5	6368.8 Grid Location	2.44E-01	7.04E-02	3.15E+00	3.45E+00	0.00E+00	5.36E-04
356.55	6368.8 Grid Location	2.42E-01	7.01E-02	3.22E+00	3.50E+00	0.00E+00	5.28E-04
356.6	6368.8 Grid Location	2.42E-01	7.17E-02	3.31E+00	3.57E+00	0.00E+00	5.18E-04
356.65	6368.8 Grid Location	2.46E-01	7.50E-02	3.40E+00	3.66E+00	0.00E+00	5.12E-04
356.7	6368.8 Grid Location	2.53E-01	7.89E-02	3.48E+00	3.73E+00	0.00E+00	5.11E-04
356.75	6368.8 Grid Location	2.58E-01	8.14E-02	3.53E+00	3.77E+00	0.00E+00	5.13E-04
356.8	6368.8 Grid Location	2.57E-01	8.20E-02	3.55E+00	3.74E+00	0.00E+00	5.07E-04
356.85	6368.8 Grid Location	2.53E-01	8.21E-02	3.57E+00	3.66E+00	0.00E+00	4.88E-04
356.9	6368.8 Grid Location	2.44E-01	8.13E-02	3.55E+00	3.55E+00	0.00E+00	4.56E-04
356.95	6368.8 Grid Location	2.33E-01	7.94E-02	3.50E+00	3.45E+00	0.00E+00	4.22E-04
357	6368.8 Grid Location	2.21E-01	7.64E-02	3.41E+00	3.38E+00	0.00E+00	3.92E-04
357.05	6368.8 Grid Location	2.10E-01	7.29E-02	3.31E+00	3.31E+00	0.00E+00	3.68E-04
357.1	6368.8 Grid Location	1.99E-01	6.86E-02	3.16E+00	3.23E+00	0.00E+00	3.52E-04
357.15	6368.8 Grid Location	1.91E-01	6.44E-02	2.99E+00	3.17E+00	0.00E+00	3.45E-04
357.2	6368.8 Grid Location	1.89E-01	6.27E-02	2.93E+00	3.17E+00	0.00E+00	3.48E-04
357.25	6368.8 Grid Location	1.92E-01	6.34E-02	2.96E+00	3.21E+00	0.00E+00	3.55E-04
357.3	6368.8 Grid Location	1.96E-01	6.49E-02	3.02E+00	3.26E+00	0.00E+00	3.62E-04
357.35	6368.8 Grid Location	1.99E-01	6.59E-02	3.03E+00	3.28E+00	0.00E+00	3.70E-04
357.4	6368.8 Grid Location	2.05E-01	6.74E-02	3.02E+00	3.30E+00	0.00E+00	3.83E-04
357.45	6368.8 Grid Location	2.19E-01	7.26E-02	3.13E+00	3.38E+00	0.00E+00	4.07E-04
357.5	6368.8 Grid Location	2.45E-01	8.20E-02	3.34E+00	3.52E+00	0.00E+00	4.52E-04
357.55	6368.8 Grid Location	2.90E-01	9.74E-02	3.63E+00	3.75E+00	0.00E+00	5.40E-04
357.6	6368.8 Grid Location	3.71E-01	1.23E-01	4.00E+00	4.11E+00	0.00E+00	7.03E-04
357.65	6368.8 Grid Location	4.93E-01	1.61E-01	4.42E+00	4.58E+00	0.00E+00	9.65E-04
357.7	6368.8 Grid Location	6.48E-01	2.04E-01	4.79E+00	5.09E+00	0.00E+00	1.32E-03
357.75	6368.8 Grid Location	8.33E-01	2.53E-01	5.20E+00	5.69E+00	0.00E+00	1.78E-03
357.8	6368.8 Grid Location	1.02E+00	2.99E-01	5.59E+00	6.29E+00	0.00E+00	2.25E-03
357.85	6368.8 Grid Location	1.20E+00	3.43E-01	6.06E+00	6.95E+00	0.00E+00	2.72E-03
357.9	6368.8 Grid Location	1.36E+00	3.79E-01	6.49E+00	7.58E+00	0.00E+00	3.13E-03
357.95	6368.8 Grid Location	1.49E+00	4.07E-01	6.90E+00	8.14E+00	0.00E+00	3.51E-03
358	6368.8 Grid Location	1.61E+00	4.23E-01	7.28E+00	8.69E+00	0.00E+00	3.91E-03
356.5	6368.851 Grid Location	2.28E-01	6.63E-02	3.23E+00	3.56E+00	0.00E+00	4.93E-04
356.55	6368.851 Grid Location	2.29E-01	6.75E-02	3.32E+00	3.62E+00	0.00E+00	4.90E-04
356.6	6368.851 Grid Location	2.33E-01	7.00E-02	3.41E+00	3.70E+00	0.00E+00	4.87E-04
356.65	6368.851 Grid Location	2.40E-01	7.40E-02	3.51E+00	3.78E+00	0.00E+00	4.89E-04
356.7	6368.851 Grid Location	2.48E-01	7.79E-02	3.56E+00	3.83E+00	0.00E+00	4.91E-04
356.75	6368.851 Grid Location	2.56E-01	8.16E-02	3.63E+00	3.88E+00	0.00E+00	4.99E-04
356.8	6368.851 Grid Location	2.62E-01	8.44E-02	3.70E+00	3.91E+00	0.00E+00	5.04E-04
356.85	6368.851 Grid Location	2.62E-01	8.58E-02	3.76E+00	3.88E+00	0.00E+00	4.93E-04
356.9	6368.851 Grid Location	2.55E-01	8.65E-02	3.79E+00	3.77E+00	0.00E+00	4.62E-04
356.95	6368.851 Grid Location	2.44E-01	8.58E-02	3.76E+00	3.64E+00	0.00E+00	4.18E-04
357	6368.851 Grid Location	2.28E-01	8.21E-02	3.64E+00	3.52E+00	0.00E+00	3.77E-04
357.05	6368.851 Grid Location	2.12E-01	7.64E-02	3.47E+00	3.41E+00	0.00E+00	3.46E-04
357.1	6368.851 Grid Location	1.98E-01	7.06E-02	3.29E+00	3.31E+00	0.00E+00	3.27E-04
357.15	6368.851 Grid Location	1.87E-01	6.49E-02	3.09E+00	3.24E+00	0.00E+00	3.20E-04
357.2	6368.851 Grid Location	1.82E-01	6.13E-02	2.95E+00	3.22E+00	0.00E+00	3.24E-04
357.25	6368.851 Grid Location	1.84E-01	6.12E-02	2.96E+00	3.26E+00	0.00E+00	3.34E-04
357.3	6368.851 Grid Location	1.90E-01	6.31E-02	3.04E+00	3.33E+00	0.00E+00	3.45E-04
357.35	6368.851 Grid Location	1.95E-01	6.45E-02	3.08E+00	3.38E+00	0.00E+00	3.55E-04
357.4	6368.851 Grid Location	2.03E-01	6.74E-02	3.12E+00	3.45E+00	0.00E+00	3.70E-04

357.45	6368.851 Grid Location	2.22E-01	7.53E-02	3.32E+00	3.58E+00	0.00E+00	3.95E-04
357.5	6368.851 Grid Location	2.55E-01	8.89E-02	3.67E+00	3.79E+00	0.00E+00	4.42E-04
357.55	6368.851 Grid Location	3.15E-01	1.10E-01	4.13E+00	4.12E+00	0.00E+00	5.49E-04
357.6	6368.851 Grid Location	4.21E-01	1.44E-01	4.67E+00	4.62E+00	0.00E+00	7.62E-04
357.65	6368.851 Grid Location	5.89E-01	1.95E-01	5.28E+00	5.28E+00	0.00E+00	1.11E-03
357.7	6368.851 Grid Location	7.98E-01	2.56E-01	5.78E+00	5.96E+00	0.00E+00	1.58E-03
357.75	6368.851 Grid Location	1.03E+00	3.21E-01	6.23E+00	6.66E+00	0.00E+00	2.12E-03
357.8	6368.851 Grid Location	1.26E+00	3.80E-01	6.65E+00	7.36E+00	0.00E+00	2.67E-03
357.85	6368.851 Grid Location	1.46E+00	4.29E-01	7.15E+00	8.15E+00	0.00E+00	3.21E-03
357.9	6368.851 Grid Location	1.65E+00	4.65E-01	7.67E+00	8.94E+00	0.00E+00	3.74E-03
357.95	6368.851 Grid Location	1.80E+00	4.89E-01	8.08E+00	9.57E+00	0.00E+00	4.24E-03
358	6368.851 Grid Location	1.92E+00	4.95E-01	8.33E+00	1.00E+01	0.00E+00	4.71E-03
356.5	6368.9 Grid Location	2.21E-01	6.59E-02	3.38E+00	3.70E+00	0.00E+00	4.62E-04
356.55	6368.9 Grid Location	2.25E-01	6.81E-02	3.48E+00	3.78E+00	0.00E+00	4.63E-04
356.6	6368.9 Grid Location	2.31E-01	7.11E-02	3.57E+00	3.86E+00	0.00E+00	4.65E-04
356.65	6368.9 Grid Location	2.39E-01	7.49E-02	3.64E+00	3.92E+00	0.00E+00	4.69E-04
356.7	6368.9 Grid Location	2.47E-01	7.89E-02	3.67E+00	3.94E+00	0.00E+00	4.75E-04
356.75	6368.9 Grid Location	2.57E-01	8.33E-02	3.73E+00	3.98E+00	0.00E+00	4.85E-04
356.8	6368.9 Grid Location	2.67E-01	8.76E-02	3.83E+00	4.05E+00	0.00E+00	4.96E-04
356.85	6368.9 Grid Location	2.71E-01	9.03E-02	3.93E+00	4.07E+00	0.00E+00	4.94E-04
356.9	6368.9 Grid Location	2.65E-01	9.08E-02	3.97E+00	3.98E+00	0.00E+00	4.64E-04
356.95	6368.9 Grid Location	2.51E-01	8.99E-02	3.94E+00	3.80E+00	0.00E+00	4.09E-04
357	6368.9 Grid Location	2.32E-01	8.66E-02	3.84E+00	3.62E+00	0.00E+00	3.55E-04
357.05	6368.9 Grid Location	2.13E-01	8.09E-02	3.64E+00	3.45E+00	0.00E+00	3.16E-04
357.1	6368.9 Grid Location	1.95E-01	7.26E-02	3.35E+00	3.32E+00	0.00E+00	2.95E-04
357.15	6368.9 Grid Location	1.80E-01	6.38E-02	3.06E+00	3.23E+00	0.00E+00	2.91E-04
357.2	6368.9 Grid Location	1.70E-01	5.69E-02	2.81E+00	3.19E+00	0.00E+00	2.99E-04
357.25	6368.9 Grid Location	1.71E-01	5.50E-02	2.76E+00	3.23E+00	0.00E+00	3.14E-04
357.3	6368.9 Grid Location	1.77E-01	5.71E-02	2.87E+00	3.33E+00	0.00E+00	3.27E-04
357.35	6368.9 Grid Location	1.83E-01	5.89E-02	2.93E+00	3.41E+00	0.00E+00	3.40E-04
357.4	6368.9 Grid Location	1.95E-01	6.35E-02	3.02E+00	3.52E+00	0.00E+00	3.56E-04
357.45	6368.9 Grid Location	2.22E-01	7.62E-02	3.38E+00	3.71E+00	0.00E+00	3.81E-04
357.5	6368.9 Grid Location	2.66E-01	9.63E-02	3.96E+00	4.01E+00	0.00E+00	4.27E-04
357.55	6368.9 Grid Location	3.40E-01	1.25E-01	4.70E+00	4.49E+00	0.00E+00	5.40E-04
357.6	6368.9 Grid Location	4.71E-01	1.68E-01	5.52E+00	5.18E+00	0.00E+00	7.98E-04
357.65	6368.9 Grid Location	6.72E-01	2.26E-01	6.25E+00	6.01E+00	0.00E+00	1.23E-03
357.7	6368.9 Grid Location	9.39E-01	3.07E-01	6.88E+00	6.91E+00	0.00E+00	1.78E-03
357.75	6368.9 Grid Location	1.21E+00	3.90E-01	7.30E+00	7.68E+00	0.00E+00	2.34E-03
357.8	6368.9 Grid Location	1.45E+00	4.58E-01	7.70E+00	8.47E+00	0.00E+00	2.91E-03
357.85	6368.9 Grid Location	1.68E+00	5.08E-01	8.30E+00	9.45E+00	0.00E+00	3.53E-03
357.9	6368.9 Grid Location	1.89E+00	5.36E-01	8.86E+00	1.04E+01	0.00E+00	4.23E-03
357.95	6368.9 Grid Location	2.07E+00	5.45E-01	9.14E+00	1.10E+01	0.00E+00	4.94E-03
358	6368.9 Grid Location	2.14E+00	5.26E-01	8.97E+00	1.10E+01	0.00E+00	5.41E-03
356.5	6368.951 Grid Location	2.21E-01	6.75E-02	3.56E+00	3.87E+00	0.00E+00	4.51E-04
356.55	6368.951 Grid Location	2.26E-01	7.00E-02	3.65E+00	3.93E+00	0.00E+00	4.48E-04
356.6	6368.951 Grid Location	2.32E-01	7.35E-02	3.74E+00	4.00E+00	0.00E+00	4.49E-04
356.65	6368.951 Grid Location	2.40E-01	7.73E-02	3.80E+00	4.05E+00	0.00E+00	4.53E-04
356.7	6368.951 Grid Location	2.49E-01	8.16E-02	3.84E+00	4.09E+00	0.00E+00	4.61E-04
356.75	6368.951 Grid Location	2.59E-01	8.60E-02	3.88E+00	4.12E+00	0.00E+00	4.70E-04
356.8	6368.951 Grid Location	2.68E-01	8.98E-02	3.93E+00	4.14E+00	0.00E+00	4.77E-04
356.85	6368.951 Grid Location	2.73E-01	9.25E-02	4.01E+00	4.15E+00	0.00E+00	4.74E-04
356.9	6368.951 Grid Location	2.67E-01	9.32E-02	4.07E+00	4.09E+00	0.00E+00	4.46E-04
356.95	6368.951 Grid Location	2.51E-01	9.15E-02	4.06E+00	3.91E+00	0.00E+00	3.87E-04
357	6368.951 Grid Location	2.31E-01	8.94E-02	3.97E+00	3.66E+00	0.00E+00	3.22E-04
357.05	6368.951 Grid Location	2.14E-01	8.48E-02	3.77E+00	3.47E+00	0.00E+00	2.83E-04
357.1	6368.951 Grid Location	1.89E-01	7.29E-02	3.32E+00	3.26E+00	0.00E+00	2.64E-04
357.15	6368.951 Grid Location	1.65E-01	5.86E-02	2.82E+00	3.10E+00	0.00E+00	2.60E-04
357.2	6368.951 Grid Location	1.49E-01	4.78E-02	2.47E+00	3.02E+00	0.00E+00	2.69E-04
357.25	6368.951 Grid Location	1.45E-01	4.29E-02	2.34E+00	3.04E+00	0.00E+00	2.87E-04
357.3	6368.951 Grid Location	1.52E-01	4.45E-02	2.46E+00	3.16E+00	0.00E+00	3.05E-04
357.35	6368.951 Grid Location	1.59E-01	4.63E-02	2.53E+00	3.29E+00	0.00E+00	3.21E-04
357.4	6368.951 Grid Location	1.76E-01	5.30E-02	2.71E+00	3.49E+00	0.00E+00	3.42E-04
357.45	6368.951 Grid Location	2.13E-01	7.15E-02	3.25E+00	3.80E+00	0.00E+00	3.69E-04
357.5	6368.951 Grid Location	2.74E-01	1.01E-01	4.12E+00	4.24E+00	0.00E+00	4.17E-04
357.55	6368.951 Grid Location	3.69E-01	1.42E-01	5.30E+00	4.89E+00	0.00E+00	5.30E-04
357.6	6368.951 Grid Location	5.15E-01	1.93E-01	6.52E+00	5.78E+00	0.00E+00	7.87E-04
357.65	6368.951 Grid Location	7.34E-01	2.62E-01	7.38E+00	6.77E+00	0.00E+00	1.22E-03
357.7	6368.951 Grid Location	1.03E+00	3.58E-01	7.96E+00	7.81E+00	0.00E+00	1.77E-03
357.75	6368.951 Grid Location	1.30E+00	4.43E-01	8.26E+00	8.66E+00	0.00E+00	2.28E-03
357.8	6368.951 Grid Location	1.52E+00	5.00E-01	8.60E+00	9.54E+00	0.00E+00	2.81E-03
357.85	6368.951 Grid Location	1.72E+00	5.35E-01	9.13E+00	1.06E+01	0.00E+00	3.47E-03
357.9	6368.951 Grid Location	1.92E+00	5.40E-01	9.48E+00	1.14E+01	0.00E+00	4.32E-03
357.95	6368.951 Grid Location	2.10E+00	5.25E-01	9.46E+00	1.17E+01	0.00E+00	5.22E-03
358	6368.951 Grid Location	2.14E+00	4.90E-01	8.98E+00	1.14E+01	0.00E+00	5.65E-03
356.5	6369 Grid Location	2.27E-01	6.95E-02	3.71E+00	4.04E+00	0.00E+00	4.55E-04
356.55	6369 Grid Location	2.31E-01	7.24E-02	3.81E+00	4.10E+00	0.00E+00	4.49E-04
356.6	6369 Grid Location	2.36E-01	7.59E-02	3.89E+00	4.15E+00	0.00E+00	4.44E-04
356.65	6369 Grid Location	2.41E-01	7.93E-02	3.94E+00	4.17E+00	0.00E+00	4.41E-04
356.7	6369 Grid Location	2.48E-01	8.30E-02	3.98E+00	4.19E+00	0.00E+00	4.42E-04
356.75	6369 Grid Location	2.56E-01	8.68E-02	4.01E+00	4.20E+00	0.00E+00	4.45E-04
356.8	6369 Grid Location	2.64E-01	9.05E-02	4.05E+00	4.21E+00	0.00E+00	4.47E-04
356.85	6369 Grid Location	2.66E-01	9.30E-02	4.08E+00	4.17E+00	0.00E+00	4.36E-04
356.9	6369 Grid Location	2.59E-01	9.32E-02	4.10E+00	4.07E+00	0.00E+00	4.02E-04
356.95	6369 Grid Location	2.42E-01	9.11E-02	4.07E+00	3.88E+00	0.00E+00	3.44E-04
357	6369 Grid Location	2.26E-01	8.94E-02	4.00E+00	3.67E+00	0.00E+00	2.91E-04
357.05	6369 Grid Location	2.09E-01	8.45E-02	3.75E+00	3.43E+00	0.00E+00	2.57E-04
357.1	6369 Grid Location	1.80E-01	7.02E-02	3.18E+00	3.13E+00	0.00E+00	2.37E-04
357.15	6369 Grid Location	1.43E-01	4.89E-02	2.43E+00	2.83E+00	0.00E+00	2.30E-04
357.2	6369 Grid Location	1.19E-01	3.44E-02	2.00E+00	2.66E+00	0.00E+00	2.37E-04
357.25	6369 Grid Location	1.16E-01	2.98E-02	1.90E+00	2.68E+00	0.00E+00	2.56E-04
357.3	6369 Grid Location	1.24E-01	3.16E-02	2.03E+00	2.81E+00	0.00E+00	2.77E-04
357.35	6369 Grid Location	1.32E-01	3.38E-02	2.14E+00	3.01E+00	0.00E+00	2.98E-04
357.4	6369 Grid Location	1.51E-01	4.03E-02	2.37E+00	3.31E+00	0.00E+00	3.25E-04
357.45	6369 Grid Location	1.92E-01	5.88E-02	2.90E+00	3.74E+00	0.00E+00	3.61E-04
357.5	6369 Grid Location	2.72E-01	9.80E-02	4.04E+00	4.40E+00	0.00E+00	4.20E-04
357.55	6369 Grid Location	3.94E-01	1.54E-01	5.78E+00	5.38E+00	0.00E+00	5.37E-04
357.6	6369 Grid Location	5.48E-01	2.17E-01	7.34E+00	6.42E+00	0.00E+00	7.39E-04
357.65	6369 Grid Location	7.77E-01	3.07E-01	8.21E+00	7.38E+00	0.00E+00	1.07E-03
357.7	6369 Grid Location	9.97E-01	3.76E-01	8.59E+00	8.35E+00	0.00E+00	1.46E-03
357.75	6369 Grid Location	1.19E+00	4.22E-01	8.74E+00	9.31E+00	0.00E+00	1.89E-03
357.8	6369 Grid Location	1.33E+00	4.48E-01	8.97E+00	1.02E+01	0.00E+00	2.33E-03
357.85	6369 Grid Location	1.47E+00	4.54E-01	9.22E+00	1.10E+01	0.00E+00	2.91E-03
357.9	6369 Grid Location	1.60E+00	4.36E-01	9.17E+00	1.13E+01	0.00E+00	3.65E-03
357.95	6369 Grid Location	1.75E+00	4.16E-01	8.87E+00	1.12E+01	0.00E+00	4.47E-03
358	6369 Grid Location	1.79E+00	3.92E-01	8.37E+00	1.08E+01	0.00E+00	4.86E-03
356.5	6369.05 Grid Location	2.33E-01	7.16E-02	3.86E+00	4.20E+00	0.00E+00	4.64E-04
356.55	6369.05 Grid Location	2.37E-01	7.47E-02	3.96E+00	4.26E+00	0.00E+00	4.58E-04
356.6	6369.05 Grid Location	2.41E-01	7.80E-02	4.03E+00	4.30E+00	0.00E+00	4.49E-04
356.65	6369.05 Grid Location	2.44E-01	8.06E-02	4.06E+00	4.29E+00	0.00E+00	4.38E-04
356.7	6369.05 Grid Location	2.47E-01	8.36E-02	4.09E+00	4.27E+00	0.00E+00	4.28E-04
356.75	6369.05 Grid Location	2.49E-01	8.61E-02	4.10E+00	4.23E+00	0.00E+00	4.16E-04
356.8	6369.05 Grid Location	2.51E-01	8.86E-02	4.10E+00	4.18E+00	0.00E+00	4.03E-04
356.85	6369.05 Grid Location	2.54E-01	9.16E-02	4.14E+00	4.15E+00	0.00E+00	3.86E-04
356.9	6369.05 Grid Location	2.46E-01	9.18E-02	4.11E+00	4.01E+00	0.00E+00	3.51E-04
356.95	6369.05 Grid Location	2.34E-01	8.99E-02	4.04E+00	3.84E+00	0.00E+00	3.11E-04
357	6369.05 Grid Location	2.18E-01	8.62E-02	3.86E+00	3.61E+00	0.00E+00	2.71E-04
357.05	6369.05 Grid Location	1.97E-01	7.84E-02	3.50E+00	3.29E+00	0.00E+00	2.41E-04
357.1	6369.05 Grid Location	1.62E-01	6.18E-02	2.82E+00	2.86E+00	0.00E+00	2.15E-04
357.15	6369.05 Grid Location	1.17E-01	3.85E-02	2.02E+00	2.40E+00	0.00E+00	1.97E-04
357.2	6369.05 Grid Location	9.37E-02	2.62E-02	1.62E+00	2.13E+00	0.00E+00	1.93E-04
357.25	6369.05 Grid Location	8.74E-02	2.09E-02	1.47E+00	2.09E+00	0.00E+00	2.06E-04
357.3	6369.05 Grid Location	9.35E-02	2.16E-02	1.54E+00	2.21E+00	0.00E+00	2.28E-04
357.35	6369.05 Grid Location	1.04E-01	2.40E-02	1.69E+00	2.44E+00	0.00E+00	2.53E-04
357.4	6369.05 Grid Location	1.28E-01	3.21E-02	2.03E+00	2.90E+00	0.00E+00	2.93E-04
357.45	6369.05 Grid Location	1.78E-01	5.26E-02	2.70E+00	3.54E+00	0.00E+00	3.46E-04
357.5	6369.05 Grid Location	2.63E-01	8.92E-02	3.71E+00	4.40E+00	0.00E+00	4.28E-04
357.55	6369.05 Grid Location	3.98E-01	1.50E-01	5.62E+00	5.64E+00	0.00E+00	5.52E-04
357.6	6369.05 Grid Location	5.53E-01	2.18E-01	7.34E+00	6.86E+00	0.00E+00	7.21E-04
357.65	6369.05 Grid Location	7.07E-01	2.82E-01	8.10E+00	7.71E+00	0.00E+00	9.05E-04
357.7	6369.05 Grid Location	7.74E-01	2.89E-01	8.13E+00	8.30E+00	0.00E+00	1.11E-03
357.75	6369.05 Grid Location	8.52E-01	2.94E-01	8.18E+00	9.10E+00	0.00E+00	1.37E-03
357.8	6369.05 Grid Location	9.32E-01	2.98E-01	8.32E+00	9.84E+00	0.00E+00	1.71E-03

357.85	6369.05 Grid Location	1.01E+00	2.97E-01	8.49E+00	1.04E+01	0.00E+00	2.10E-03
357.9	6369.05 Grid Location	1.08E+00	2.86E-01	8.32E+00	1.04E+01	0.00E+00	2.50E-03
357.95	6369.05 Grid Location	1.15E+00	2.76E-01	7.87E+00	9.87E+00	0.00E+00	2.91E-03
358	6369.05 Grid Location	1.19E+00	2.68E-01	7.40E+00	9.38E+00	0.00E+00	3.17E-03
356.5	6369.101 Grid Location	2.39E-01	7.37E-02	4.01E+00	4.37E+00	0.00E+00	4.75E-04
356.55	6369.101 Grid Location	2.44E-01	7.71E-02	4.11E+00	4.42E+00	0.00E+00	4.66E-04
356.6	6369.101 Grid Location	2.47E-01	7.99E-02	4.16E+00	4.43E+00	0.00E+00	4.54E-04
356.65	6369.101 Grid Location	2.47E-01	8.21E-02	4.18E+00	4.39E+00	0.00E+00	4.39E-04
356.7	6369.101 Grid Location	2.47E-01	8.41E-02	4.18E+00	4.33E+00	0.00E+00	4.19E-04
356.75	6369.101 Grid Location	2.46E-01	8.60E-02	4.16E+00	4.26E+00	0.00E+00	3.95E-04
356.8	6369.101 Grid Location	2.44E-01	8.82E-02	4.15E+00	4.17E+00	0.00E+00	3.68E-04
356.85	6369.101 Grid Location	2.43E-01	9.09E-02	4.16E+00	4.09E+00	0.00E+00	3.40E-04
356.9	6369.101 Grid Location	2.39E-01	9.13E-02	4.12E+00	3.99E+00	0.00E+00	3.16E-04
356.95	6369.101 Grid Location	2.27E-01	8.71E-02	3.92E+00	3.79E+00	0.00E+00	2.95E-04
357	6369.101 Grid Location	2.09E-01	7.95E-02	3.59E+00	3.51E+00	0.00E+00	2.75E-04
357.05	6369.101 Grid Location	1.81E-01	6.78E-02	3.06E+00	3.09E+00	0.00E+00	2.44E-04
357.1	6369.101 Grid Location	1.43E-01	5.25E-02	2.38E+00	2.52E+00	0.00E+00	2.02E-04
357.15	6369.101 Grid Location	1.05E-01	3.68E-02	1.77E+00	1.95E+00	0.00E+00	1.61E-04
357.2	6369.101 Grid Location	7.37E-02	2.18E-02	1.26E+00	1.57E+00	0.00E+00	1.45E-04
357.25	6369.101 Grid Location	6.16E-02	1.44E-02	1.06E+00	1.51E+00	0.00E+00	1.48E-04
357.3	6369.101 Grid Location	6.53E-02	1.42E-02	1.09E+00	1.61E+00	0.00E+00	1.65E-04
357.35	6369.101 Grid Location	7.46E-02	1.66E-02	1.21E+00	1.80E+00	0.00E+00	1.86E-04
357.4	6369.101 Grid Location	1.03E-01	2.62E-02	1.56E+00	2.26E+00	0.00E+00	2.36E-04
357.45	6369.101 Grid Location	1.71E-01	5.22E-02	2.37E+00	3.14E+00	0.00E+00	3.26E-04
357.5	6369.101 Grid Location	2.73E-01	9.18E-02	3.52E+00	4.31E+00	0.00E+00	4.47E-04
357.55	6369.101 Grid Location	3.81E-01	1.30E-01	4.65E+00	5.53E+00	0.00E+00	6.06E-04
357.6	6369.101 Grid Location	4.76E-01	1.64E-01	5.86E+00	6.63E+00	0.00E+00	7.51E-04
357.65	6369.101 Grid Location	5.23E-01	1.76E-01	6.48E+00	7.33E+00	0.00E+00	8.48E-04
357.7	6369.101 Grid Location	5.37E-01	1.74E-01	6.57E+00	7.53E+00	0.00E+00	9.19E-04
357.75	6369.101 Grid Location	5.62E-01	1.75E-01	6.72E+00	7.86E+00	0.00E+00	1.04E-03
357.8	6369.101 Grid Location	5.95E-01	1.76E-01	6.88E+00	8.24E+00	0.00E+00	1.19E-03
357.85	6369.101 Grid Location	6.38E-01	1.79E-01	7.09E+00	8.64E+00	0.00E+00	1.38E-03
357.9	6369.101 Grid Location	6.66E-01	1.77E-01	7.03E+00	8.63E+00	0.00E+00	1.53E-03
357.95	6369.101 Grid Location	6.79E-01	1.72E-01	6.68E+00	8.24E+00	0.00E+00	1.64E-03
358	6369.101 Grid Location	6.85E-01	1.68E-01	6.31E+00	7.84E+00	0.00E+00	1.70E-03
356.5	6369.15 Grid Location	2.48E-01	7.63E-02	4.19E+00	4.58E+00	0.00E+00	4.93E-04
356.55	6369.15 Grid Location	2.53E-01	8.01E-02	4.30E+00	4.64E+00	0.00E+00	4.82E-04
356.6	6369.15 Grid Location	2.53E-01	8.23E-02	4.32E+00	4.60E+00	0.00E+00	4.63E-04
356.65	6369.15 Grid Location	2.53E-01	8.43E-02	4.32E+00	4.54E+00	0.00E+00	4.42E-04
356.7	6369.15 Grid Location	2.50E-01	8.60E-02	4.30E+00	4.43E+00	0.00E+00	4.15E-04
356.75	6369.15 Grid Location	2.47E-01	8.76E-02	4.26E+00	4.31E+00	0.00E+00	3.83E-04
356.8	6369.15 Grid Location	2.45E-01	9.03E-02	4.25E+00	4.21E+00	0.00E+00	3.49E-04
356.85	6369.15 Grid Location	2.45E-01	9.40E-02	4.27E+00	4.14E+00	0.00E+00	3.19E-04
356.9	6369.15 Grid Location	2.43E-01	9.43E-02	4.21E+00	4.04E+00	0.00E+00	3.05E-04
356.95	6369.15 Grid Location	2.29E-01	8.79E-02	3.91E+00	3.81E+00	0.00E+00	2.94E-04
357	6369.15 Grid Location	2.08E-01	7.66E-02	3.45E+00	3.50E+00	0.00E+00	2.90E-04
357.05	6369.15 Grid Location	1.78E-01	6.23E-02	2.85E+00	3.05E+00	0.00E+00	2.73E-04
357.1	6369.15 Grid Location	1.46E-01	5.10E-02	2.30E+00	2.49E+00	0.00E+00	2.26E-04
357.15	6369.15 Grid Location	1.04E-01	3.63E-02	1.64E+00	1.84E+00	0.00E+00	1.61E-04
357.2	6369.15 Grid Location	6.30E-02	1.90E-02	1.05E+00	1.33E+00	0.00E+00	1.21E-04
357.25	6369.15 Grid Location	4.59E-02	1.03E-02	8.50E-01	1.20E+00	0.00E+00	1.17E-04
357.3	6369.15 Grid Location	4.81E-02	9.26E-03	8.88E-01	1.32E+00	0.00E+00	1.34E-04
357.35	6369.15 Grid Location	5.92E-02	1.17E-02	1.03E+00	1.56E+00	0.00E+00	1.64E-04
357.4	6369.15 Grid Location	9.74E-02	2.43E-02	1.40E+00	2.10E+00	0.00E+00	2.29E-04
357.45	6369.15 Grid Location	1.89E-01	5.49E-02	2.18E+00	3.14E+00	0.00E+00	3.76E-04
357.5	6369.15 Grid Location	2.97E-01	8.68E-02	3.14E+00	4.39E+00	0.00E+00	5.82E-04
357.55	6369.15 Grid Location	3.70E-01	9.97E-02	4.03E+00	5.59E+00	0.00E+00	7.81E-04
357.6	6369.15 Grid Location	4.09E-01	1.07E-01	4.65E+00	6.32E+00	0.00E+00	8.80E-04
357.65	6369.15 Grid Location	4.29E-01	1.13E-01	5.11E+00	6.64E+00	0.00E+00	9.28E-04
357.7	6369.15 Grid Location	4.25E-01	1.16E-01	5.25E+00	6.54E+00	0.00E+00	8.93E-04
357.75	6369.15 Grid Location	4.02E-01	1.16E-01	5.17E+00	6.24E+00	0.00E+00	8.10E-04
357.8	6369.15 Grid Location	4.02E-01	1.18E-01	5.26E+00	6.31E+00	0.00E+00	8.04E-04
357.85	6369.15 Grid Location	4.37E-01	1.22E-01	5.62E+00	6.81E+00	0.00E+00	9.28E-04
357.9	6369.15 Grid Location	4.61E-01	1.24E-01	5.78E+00	7.07E+00	0.00E+00	1.03E-03
357.95	6369.15 Grid Location	4.66E-01	1.21E-01	5.70E+00	7.00E+00	0.00E+00	1.08E-03
358	6369.15 Grid Location	4.55E-01	1.15E-01	5.42E+00	6.70E+00	0.00E+00	1.09E-03
356.5	6369.201 Grid Location	2.57E-01	7.86E-02	4.35E+00	4.77E+00	0.00E+00	5.12E-04
356.55	6369.201 Grid Location	2.64E-01	8.30E-02	4.49E+00	4.86E+00	0.00E+00	5.04E-04
356.6	6369.201 Grid Location	2.66E-01	8.60E-02	4.56E+00	4.86E+00	0.00E+00	4.88E-04
356.65	6369.201 Grid Location	2.64E-01	8.80E-02	4.55E+00	4.78E+00	0.00E+00	4.62E-04
356.7	6369.201 Grid Location	2.59E-01	8.95E-02	4.50E+00	4.62E+00	0.00E+00	4.24E-04
356.75	6369.201 Grid Location	2.54E-01	9.15E-02	4.45E+00	4.47E+00	0.00E+00	3.83E-04
356.8	6369.201 Grid Location	2.53E-01	9.50E-02	4.46E+00	4.37E+00	0.00E+00	3.46E-04
356.85	6369.201 Grid Location	2.56E-01	9.93E-02	4.50E+00	4.33E+00	0.00E+00	3.22E-04
356.9	6369.201 Grid Location	2.56E-01	9.98E-02	4.43E+00	4.21E+00	0.00E+00	3.15E-04
356.95	6369.201 Grid Location	2.42E-01	9.28E-02	4.09E+00	3.95E+00	0.00E+00	3.10E-04
357	6369.201 Grid Location	2.19E-01	8.05E-02	3.57E+00	3.59E+00	0.00E+00	3.08E-04
357.05	6369.201 Grid Location	1.92E-01	6.64E-02	3.00E+00	3.21E+00	0.00E+00	3.06E-04
357.1	6369.201 Grid Location	1.72E-01	5.67E-02	2.61E+00	2.89E+00	0.00E+00	2.99E-04
357.15	6369.201 Grid Location	1.21E-01	3.61E-02	1.78E+00	2.13E+00	0.00E+00	2.39E-04
357.2	6369.201 Grid Location	6.27E-02	1.67E-02	9.91E-01	1.29E+00	0.00E+00	1.39E-04
357.25	6369.201 Grid Location	3.62E-02	7.28E-03	7.13E-01	9.76E-01	0.00E+00	9.97E-05
357.3	6369.201 Grid Location	3.65E-02	5.95E-03	7.34E-01	1.06E+00	0.00E+00	1.11E-04
357.35	6369.201 Grid Location	5.28E-02	8.32E-03	9.80E-01	1.48E+00	0.00E+00	1.68E-04
357.4	6369.201 Grid Location	1.19E-01	2.34E-02	1.57E+00	2.49E+00	0.00E+00	3.40E-04
357.45	6369.201 Grid Location	2.48E-01	4.88E-02	2.49E+00	4.03E+00	0.00E+00	6.95E-04
357.5	6369.201 Grid Location	3.56E-01	6.19E-02	3.42E+00	5.41E+00	0.00E+00	1.04E-03
357.55	6369.201 Grid Location	3.96E-01	6.86E-02	3.87E+00	5.83E+00	0.00E+00	1.16E-03
357.6	6369.201 Grid Location	4.06E-01	7.42E-02	4.12E+00	6.01E+00	0.00E+00	1.16E-03
357.65	6369.201 Grid Location	3.69E-01	8.13E-02	4.14E+00	5.66E+00	0.00E+00	9.37E-04
357.7	6369.201 Grid Location	3.36E-01	8.70E-02	4.16E+00	5.33E+00	0.00E+00	7.44E-04
357.75	6369.201 Grid Location	3.13E-01	8.90E-02	4.13E+00	5.06E+00	0.00E+00	6.35E-04
357.8	6369.201 Grid Location	3.10E-01	9.07E-02	4.22E+00	5.08E+00	0.00E+00	6.16E-04
357.85	6369.201 Grid Location	3.38E-01	9.50E-02	4.57E+00	5.52E+00	0.00E+00	7.13E-04
357.9	6369.201 Grid Location	3.65E-01	9.76E-02	4.86E+00	5.91E+00	0.00E+00	8.18E-04
357.95	6369.201 Grid Location	3.75E-01	9.70E-02	4.94E+00	6.02E+00	0.00E+00	8.73E-04
358	6369.201 Grid Location	3.63E-01	9.24E-02	4.76E+00	5.81E+00	0.00E+00	8.64E-04
356.5	6369.25 Grid Location	2.66E-01	8.01E-02	4.49E+00	4.99E+00	0.00E+00	5.36E-04
356.55	6369.25 Grid Location	2.73E-01	8.47E-02	4.64E+00	5.09E+00	0.00E+00	5.29E-04
356.6	6369.25 Grid Location	2.76E-01	8.79E-02	4.72E+00	5.11E+00	0.00E+00	5.15E-04
356.65	6369.25 Grid Location	2.76E-01	9.05E-02	4.75E+00	5.07E+00	0.00E+00	4.92E-04
356.7	6369.25 Grid Location	2.73E-01	9.29E-02	4.72E+00	4.93E+00	0.00E+00	4.53E-04
356.75	6369.25 Grid Location	2.67E-01	9.51E-02	4.67E+00	4.76E+00	0.00E+00	4.05E-04
356.8	6369.25 Grid Location	2.65E-01	9.88E-02	4.66E+00	4.65E+00	0.00E+00	3.62E-04
356.85	6369.25 Grid Location	2.69E-01	1.03E-01	4.70E+00	4.62E+00	0.00E+00	3.42E-04
356.9	6369.25 Grid Location	2.68E-01	1.03E-01	4.61E+00	4.47E+00	0.00E+00	3.33E-04
356.95	6369.25 Grid Location	2.56E-01	9.68E-02	4.28E+00	4.20E+00	0.00E+00	3.34E-04
357	6369.25 Grid Location	2.34E-01	8.46E-02	3.75E+00	3.81E+00	0.00E+00	3.41E-04
357.05	6369.25 Grid Location	2.13E-01	7.13E-02	3.22E+00	3.50E+00	0.00E+00	3.60E-04
357.1	6369.25 Grid Location	1.97E-01	6.11E-02	2.84E+00	3.23E+00	0.00E+00	3.74E-04
357.15	6369.25 Grid Location	1.50E-01	3.76E-02	2.07E+00	2.58E+00	0.00E+00	3.61E-04
357.2	6369.25 Grid Location	8.82E-02	1.45E-02	1.24E+00	1.71E+00	0.00E+00	2.72E-04
357.25	6369.25 Grid Location	3.35E-02	6.14E-03	6.28E-01	8.21E-01	0.00E+00	9.93E-05
357.3	6369.25 Grid Location	2.71E-02	4.87E-03	5.58E-01	7.53E-01	0.00E+00	8.15E-05
357.35	6369.25 Grid Location	4.45E-02	7.93E-03	7.63E-01	1.11E+00	0.00E+00	1.38E-04
357.4	6369.25 Grid Location	1.83E-01	1.61E-02	2.06E+00	3.38E+00	0.00E+00	6.91E-04
357.45	6369.25 Grid Location	4.62E-01	3.01E-02	3.98E+00	6.65E+00	0.00E+00	1.83E-03
357.5	6369.25 Grid Location	5.62E-01	4.54E-02	4.47E+00	7.33E+00	0.00E+00	2.14E-03
357.55	6369.25 Grid Location	4.46E-01	5.67E-02	3.89E+00	5.90E+00	0.00E+00	1.52E-03
357.6	6369.25 Grid Location	3.39E-01	6.22E-02	3.40E+00	4.81E+00	0.00E+00	9.82E-04
357.65	6369.25 Grid Location	2.98E-01	6.87E-02	3.38E+00	4.47E+00	0.00E+00	7.43E-04
357.7	6369.25 Grid Location	2.89E-01	7.48E-02	3.53E+00	4.46E+00	0.00E+00	6.50E-04
357.75	6369.25 Grid Location	2.80E-01	7.80E-02	3.62E+00	4.40E+00	0.00E+00	5.90E-04
357.8	6369.25 Grid Location	2.74E-01	7.93E-02	3.68E+00	4.38E+00	0.00E+00	5.59E-04
357.85	6369.25 Grid Location	2.85E-01	8.14E-02	3.87E+00	4.61E+00	0.00E+00	5.95E-04
357.9	6369.25 Grid Location	3.01E-01	8.27E-02	4.08E+00	4.90E+00	0.00E+00	6.61E-04
357.95	6369.25 Grid Location	3.05E-01	8.19E-02	4.14E+00	4.98E+00	0.00E+00	6.88E-04
358	6369.25 Grid Location	2.99E-01	7.92E-02	4.08E+00	4.91E+00	0.00E+00	6.88E-04
356.5	6369.3 Grid Location	2.72E-01	7.94E-02	4.59E+00	5.24E+00	0.00E+00	5.67E-04
356.55	6369.3 Grid Location	2.79E-01	8.36E-02	4.73E+00	5.34E+00	0.00E+00	5.59E-04
356.6	6369.3 Grid Location	2.82E-01	8.65E-02	4.80E+00	5.36E+00	0.00E+00	5.45E-04
356.65	6369.3 Grid Location	2.82E-01	8.92E-02	4.83E+00	5.34E+00	0.00E+00	5.23E-04

356.7	6369.3 Grid Location	2.81E-01	9.21E-02	4.84E+00	5.25E+00	0.00E+00	4.87E-04
356.75	6369.3 Grid Location	2.73E-01	9.39E-02	4.76E+00	5.07E+00	0.00E+00	4.34E-04
356.8	6369.3 Grid Location	2.69E-01	9.67E-02	4.72E+00	4.94E+00	0.00E+00	3.86E-04
356.85	6369.3 Grid Location	2.71E-01	9.94E-02	4.72E+00	4.90E+00	0.00E+00	3.69E-04
356.9	6369.3 Grid Location	2.71E-01	9.97E-02	4.63E+00	4.78E+00	0.00E+00	3.62E-04
356.95	6369.3 Grid Location	2.61E-01	9.41E-02	4.35E+00	4.56E+00	0.00E+00	3.66E-04
357	6369.3 Grid Location	2.40E-01	8.26E-02	3.85E+00	4.18E+00	0.00E+00	3.73E-04
357.05	6369.3 Grid Location	2.19E-01	6.89E-02	3.31E+00	3.86E+00	0.00E+00	3.94E-04
357.1	6369.3 Grid Location	2.13E-01	5.90E-02	2.98E+00	3.65E+00	0.00E+00	4.59E-04
357.15	6369.3 Grid Location	1.92E-01	3.73E-02	2.40E+00	3.15E+00	0.00E+00	5.46E-04
357.2	6369.3 Grid Location	1.75E-01	1.60E-02	1.88E+00	2.77E+00	0.00E+00	6.55E-04
357.25	6369.3 Grid Location	1.30E-01	6.98E-03	1.40E+00	2.13E+00	0.00E+00	5.30E-04
357.3	6369.3 Grid Location	2.07E-02	5.04E-03	4.64E-01	5.67E-01	0.00E+00	5.23E-05
357.35	6369.3 Grid Location	7.04E-02	5.36E-03	9.00E-01	1.32E+00	0.00E+00	2.74E-04
357.4	6369.3 Grid Location	1.11E+00	1.10E-02	7.92E+00	1.39E+01	0.00E+00	4.92E-03
357.45	6369.3 Grid Location	9.37E-01	2.36E-02	6.51E+00	1.13E+01	0.00E+00	4.03E-03
357.5	6369.3 Grid Location	4.91E-01	3.54E-02	3.80E+00	6.11E+00	0.00E+00	1.91E-03
357.55	6369.3 Grid Location	3.66E-01	4.55E-02	3.13E+00	4.65E+00	0.00E+00	1.26E-03
357.6	6369.3 Grid Location	3.01E-01	5.34E-02	2.90E+00	4.01E+00	0.00E+00	8.98E-04
357.65	6369.3 Grid Location	2.72E-01	6.26E-02	2.98E+00	3.83E+00	0.00E+00	6.88E-04
357.7	6369.3 Grid Location	2.56E-01	6.86E-02	3.10E+00	3.77E+00	0.00E+00	5.65E-04
357.75	6369.3 Grid Location	2.49E-01	7.27E-02	3.21E+00	3.78E+00	0.00E+00	5.04E-04
357.8	6369.3 Grid Location	2.41E-01	7.34E-02	3.24E+00	3.75E+00	0.00E+00	4.65E-04
357.85	6369.3 Grid Location	2.45E-01	7.48E-02	3.37E+00	3.90E+00	0.00E+00	4.75E-04
357.9	6369.3 Grid Location	2.54E-01	7.46E-02	3.51E+00	4.11E+00	0.00E+00	5.21E-04
357.95	6369.3 Grid Location	2.59E-01	7.36E-02	3.58E+00	4.22E+00	0.00E+00	5.51E-04
358	6369.3 Grid Location	2.57E-01	7.15E-02	3.57E+00	4.24E+00	0.00E+00	5.65E-04
356.5	6369.351 Grid Location	2.77E-01	7.76E-02	4.65E+00	5.46E+00	0.00E+00	5.98E-04
356.55	6369.351 Grid Location	2.81E-01	8.11E-02	4.76E+00	5.53E+00	0.00E+00	5.87E-04
356.6	6369.351 Grid Location	2.81E-01	8.30E-02	4.79E+00	5.50E+00	0.00E+00	5.67E-04
356.65	6369.351 Grid Location	2.80E-01	8.50E-02	4.79E+00	5.46E+00	0.00E+00	5.42E-04
356.7	6369.351 Grid Location	2.78E-01	8.77E-02	4.80E+00	5.38E+00	0.00E+00	5.07E-04
356.75	6369.351 Grid Location	2.72E-01	8.97E-02	4.75E+00	5.25E+00	0.00E+00	4.57E-04
356.8	6369.351 Grid Location	2.65E-01	9.14E-02	4.66E+00	5.09E+00	0.00E+00	4.05E-04
356.85	6369.351 Grid Location	2.64E-01	9.27E-02	4.63E+00	5.02E+00	0.00E+00	3.86E-04
356.9	6369.351 Grid Location	2.63E-01	9.27E-02	4.55E+00	4.92E+00	0.00E+00	3.78E-04
356.95	6369.351 Grid Location	2.56E-01	8.81E-02	4.33E+00	4.75E+00	0.00E+00	3.84E-04
357	6369.351 Grid Location	2.37E-01	7.82E-02	3.90E+00	4.40E+00	0.00E+00	3.87E-04
357.05	6369.351 Grid Location	2.15E-01	6.56E-02	3.42E+00	4.08E+00	0.00E+00	3.99E-04
357.1	6369.351 Grid Location	2.04E-01	5.63E-02	3.05E+00	3.80E+00	0.00E+00	4.37E-04
357.15	6369.351 Grid Location	1.82E-01	4.36E-02	2.58E+00	3.16E+00	0.00E+00	4.55E-04
357.2	6369.351 Grid Location	1.79E-01	2.89E-02	2.11E+00	2.77E+00	0.00E+00	5.76E-04
357.25	6369.351 Grid Location	2.97E-01	1.43E-02	2.72E+00	4.34E+00	0.00E+00	1.23E-03
357.3	6369.351 Grid Location	1.94E-02	8.16E-03	4.57E-01	4.28E-01	0.00E+00	2.30E-05
357.35	6369.351 Grid Location	2.22E-02	7.69E-03	4.65E-01	5.00E-01	0.00E+00	4.05E-05
357.4	6369.351 Grid Location	1.09E+00	1.37E-02	7.53E+00	1.29E+01	0.00E+00	4.84E-03
357.45	6369.351 Grid Location	5.68E-01	2.29E-02	4.17E+00	6.80E+00	0.00E+00	2.38E-03
357.5	6369.351 Grid Location	3.82E-01	3.43E-02	3.11E+00	4.70E+00	0.00E+00	1.44E-03
357.55	6369.351 Grid Location	2.91E-01	4.04E-02	2.62E+00	3.71E+00	0.00E+00	9.66E-04
357.6	6369.351 Grid Location	2.45E-01	4.66E-02	2.47E+00	3.25E+00	0.00E+00	7.02E-04
357.65	6369.351 Grid Location	2.32E-01	5.49E-02	2.60E+00	3.21E+00	0.00E+00	5.71E-04
357.7	6369.351 Grid Location	2.24E-01	6.06E-02	2.73E+00	3.23E+00	0.00E+00	4.91E-04
357.75	6369.351 Grid Location	2.23E-01	6.50E-02	2.86E+00	3.28E+00	0.00E+00	4.49E-04
357.8	6369.351 Grid Location	2.19E-01	6.67E-02	2.91E+00	3.29E+00	0.00E+00	4.21E-04
357.85	6369.351 Grid Location	2.22E-01	6.86E-02	3.02E+00	3.41E+00	0.00E+00	4.24E-04
357.9	6369.351 Grid Location	2.32E-01	6.95E-02	3.17E+00	3.62E+00	0.00E+00	4.65E-04
357.95	6369.351 Grid Location	2.36E-01	6.88E-02	3.24E+00	3.73E+00	0.00E+00	4.91E-04
358	6369.351 Grid Location	2.35E-01	6.69E-02	3.24E+00	3.75E+00	0.00E+00	5.03E-04
356.5	6369.4 Grid Location	2.70E-01	7.45E-02	4.55E+00	5.39E+00	0.00E+00	5.95E-04
356.55	6369.4 Grid Location	2.73E-01	7.74E-02	4.63E+00	5.42E+00	0.00E+00	5.81E-04
356.6	6369.4 Grid Location	2.71E-01	7.89E-02	4.63E+00	5.37E+00	0.00E+00	5.58E-04
356.65	6369.4 Grid Location	2.69E-01	8.05E-02	4.62E+00	5.31E+00	0.00E+00	5.32E-04
356.7	6369.4 Grid Location	2.65E-01	8.24E-02	4.59E+00	5.20E+00	0.00E+00	4.94E-04
356.75	6369.4 Grid Location	2.59E-01	8.41E-02	4.53E+00	5.05E+00	0.00E+00	4.46E-04
356.8	6369.4 Grid Location	2.50E-01	8.51E-02	4.42E+00	4.88E+00	0.00E+00	3.93E-04
356.85	6369.4 Grid Location	2.47E-01	8.58E-02	4.36E+00	4.77E+00	0.00E+00	3.71E-04
356.9	6369.4 Grid Location	2.46E-01	8.61E-02	4.29E+00	4.66E+00	0.00E+00	3.60E-04
356.95	6369.4 Grid Location	2.39E-01	8.32E-02	4.12E+00	4.47E+00	0.00E+00	3.56E-04
357	6369.4 Grid Location	2.23E-01	7.64E-02	3.76E+00	4.10E+00	0.00E+00	3.47E-04
357.05	6369.4 Grid Location	2.05E-01	6.86E-02	3.37E+00	3.73E+00	0.00E+00	3.42E-04
357.1	6369.4 Grid Location	1.97E-01	6.35E-02	3.05E+00	3.47E+00	0.00E+00	3.55E-04
357.15	6369.4 Grid Location	1.91E-01	6.02E-02	2.71E+00	3.06E+00	0.00E+00	3.70E-04
357.2	6369.4 Grid Location	1.67E-01	4.64E-02	2.16E+00	2.46E+00	0.00E+00	3.75E-04
357.25	6369.4 Grid Location	2.60E-01	3.07E-02	2.58E+00	3.58E+00	0.00E+00	9.35E-04
357.3	6369.4 Grid Location	8.57E-01	2.08E-02	6.97E+00	1.15E+01	0.00E+00	3.71E-03
357.35	6369.4 Grid Location	4.01E-01	1.70E-02	3.55E+00	5.60E+00	0.00E+00	1.68E-03
357.4	6369.4 Grid Location	4.08E-01	1.87E-02	3.24E+00	5.38E+00	0.00E+00	1.69E-03
357.45	6369.4 Grid Location	3.37E-01	2.45E-02	2.72E+00	4.06E+00	0.00E+00	1.32E-03
357.5	6369.4 Grid Location	3.10E-01	3.19E-02	2.57E+00	3.64E+00	0.00E+00	1.13E-03
357.55	6369.4 Grid Location	2.71E-01	3.80E-02	2.46E+00	3.28E+00	0.00E+00	9.03E-04
357.6	6369.4 Grid Location	2.39E-01	4.45E-02	2.45E+00	3.04E+00	0.00E+00	7.02E-04
357.65	6369.4 Grid Location	2.24E-01	5.05E-02	2.53E+00	3.00E+00	0.00E+00	5.76E-04
357.7	6369.4 Grid Location	2.15E-01	5.51E-02	2.63E+00	3.02E+00	0.00E+00	4.97E-04
357.75	6369.4 Grid Location	2.06E-01	5.73E-02	2.65E+00	2.99E+00	0.00E+00	4.39E-04
357.8	6369.4 Grid Location	2.04E-01	5.97E-02	2.70E+00	3.03E+00	0.00E+00	4.13E-04
357.85	6369.4 Grid Location	2.10E-01	6.28E-02	2.84E+00	3.18E+00	0.00E+00	4.16E-04
357.9	6369.4 Grid Location	2.21E-01	6.49E-02	3.00E+00	3.38E+00	0.00E+00	4.52E-04
357.95	6369.4 Grid Location	2.25E-01	6.50E-02	3.06E+00	3.48E+00	0.00E+00	4.72E-04
358	6369.4 Grid Location	2.21E-01	6.30E-02	3.02E+00	3.46E+00	0.00E+00	4.73E-04
356.5	6369.451 Grid Location	2.56E-01	7.11E-02	4.33E+00	5.11E+00	0.00E+00	5.61E-04
356.55	6369.451 Grid Location	2.60E-01	7.42E-02	4.42E+00	5.17E+00	0.00E+00	5.50E-04
356.6	6369.451 Grid Location	2.59E-01	7.60E-02	4.43E+00	5.13E+00	0.00E+00	5.29E-04
356.65	6369.451 Grid Location	2.55E-01	7.68E-02	4.38E+00	5.02E+00	0.00E+00	5.00E-04
356.7	6369.451 Grid Location	2.47E-01	7.75E-02	4.29E+00	4.86E+00	0.00E+00	4.58E-04
356.75	6369.451 Grid Location	2.40E-01	7.88E-02	4.22E+00	4.69E+00	0.00E+00	4.11E-04
356.8	6369.451 Grid Location	2.33E-01	8.02E-02	4.14E+00	4.54E+00	0.00E+00	3.63E-04
356.85	6369.451 Grid Location	2.33E-01	8.20E-02	4.12E+00	4.48E+00	0.00E+00	3.42E-04
356.9	6369.451 Grid Location	2.31E-01	8.32E-02	4.06E+00	4.32E+00	0.00E+00	3.23E-04
356.95	6369.451 Grid Location	2.27E-01	8.33E-02	3.94E+00	4.10E+00	0.00E+00	3.10E-04
357	6369.451 Grid Location	2.20E-01	8.20E-02	3.74E+00	3.81E+00	0.00E+00	2.99E-04
357.05	6369.451 Grid Location	2.16E-01	8.09E-02	3.52E+00	3.56E+00	0.00E+00	2.98E-04
357.1	6369.451 Grid Location	2.19E-01	7.86E-02	3.35E+00	3.55E+00	0.00E+00	3.35E-04
357.15	6369.451 Grid Location	2.26E-01	7.05E-02	3.03E+00	3.48E+00	0.00E+00	4.35E-04
357.2	6369.451 Grid Location	2.69E-01	5.46E-02	3.10E+00	3.96E+00	0.00E+00	7.63E-04
357.25	6369.451 Grid Location	4.15E-01	4.68E-02	4.02E+00	5.65E+00	0.00E+00	1.50E-03
357.3	6369.451 Grid Location	1.21E-01	3.54E-02	1.66E+00	1.78E+00	0.00E+00	2.65E-04
357.35	6369.451 Grid Location	2.70E-01	3.08E-02	2.76E+00	3.91E+00	0.00E+00	9.75E-04
357.4	6369.451 Grid Location	2.37E-01	2.72E-02	2.32E+00	3.23E+00	0.00E+00	8.52E-04
357.45	6369.451 Grid Location	1.72E-01	2.90E-02	1.89E+00	2.54E+00	0.00E+00	5.38E-04
357.5	6369.451 Grid Location	1.67E-01	3.27E-02	1.96E+00	2.48E+00	0.00E+00	4.79E-04
357.55	6369.451 Grid Location	1.67E-01	3.83E-02	2.03E+00	2.39E+00	0.00E+00	4.31E-04
357.6	6369.451 Grid Location	1.78E-01	4.52E-02	2.23E+00	2.50E+00	0.00E+00	4.20E-04
357.65	6369.451 Grid Location	1.88E-01	5.05E-02	2.43E+00	2.66E+00	0.00E+00	4.19E-04
357.7	6369.451 Grid Location	1.90E-01	5.32E-02	2.54E+00	2.77E+00	0.00E+00	4.07E-04
357.75	6369.451 Grid Location	1.88E-01	5.41E-02	2.56E+00	2.79E+00	0.00E+00	3.89E-04
357.8	6369.451 Grid Location	1.88E-01	5.52E-02	2.60E+00	2.85E+00	0.00E+00	3.79E-04
357.85	6369.451 Grid Location	1.98E-01	5.82E-02	2.76E+00	3.04E+00	0.00E+00	4.01E-04
357.9	6369.451 Grid Location	2.10E-01	6.01E-02	2.90E+00	3.25E+00	0.00E+00	4.39E-04
357.95	6369.451 Grid Location	2.14E-01	6.02E-02	2.95E+00	3.34E+00	0.00E+00	4.60E-04
358	6369.451 Grid Location	2.11E-01	5.87E-02	2.91E+00	3.32E+00	0.00E+00	4.61E-04
356.5	6369.5 Grid Location	2.43E-01	6.84E-02	4.11E+00	4.84E+00	0.00E+00	5.26E-04
356.55	6369.5 Grid Location	2.45E-01	7.07E-02	4.17E+00	4.87E+00	0.00E+00	5.11E-04
356.6	6369.5 Grid Location	2.45E-01	7.27E-02	4.19E+00	4.85E+00	0.00E+00	4.93E-04
356.65	6369.5 Grid Location	2.42E-01	7.39E-02	4.17E+00	4.77E+00	0.00E+00	4.68E-04
356.7	6369.5 Grid Location	2.38E-01	7.54E-02	4.12E+00	4.64E+00	0.00E+00	4.33E-04
356.75	6369.5 Grid Location	2.30E-01	7.68E-02	4.04E+00	4.46E+00	0.00E+00	3.87E-04
356.8	6369.5 Grid Location	2.24E-01	7.86E-02	3.97E+00	4.28E+00	0.00E+00	3.40E-04
356.85	6369.5 Grid Location	2.24E-01	8.16E-02	3.97E+00	4.21E+00	0.00E+00	3.14E-04
356.9	6369.5 Grid Location	2.28E-01	8.50E-02	3.98E+00	4.12E+00	0.00E+00	3.01E-04
356.95	6369.5 Grid Location	2.33E-01	8.93E-02	3.98E+00	4.02E+00	0.00E+00	2.91E-04
357	6369.5 Grid Location	2.38E-01	9.24E-02	3.96E+00	3.92E+00	0.00E+00	2.93E-04
357.05	6369.5 Grid Location	2.43E-01	9.30E-02	3.85E+00	3.84E+00	0.00E+00	3.21E-04

357.1	6369.5 Grid Location	2.52E-01	8.70E-02	3.67E+00	3.89E+00	0.00E+00	4.09E-04
357.15	6369.5 Grid Location	2.68E-01	7.27E-02	3.54E+00	4.15E+00	0.00E+00	5.98E-04
357.2	6369.5 Grid Location	3.15E-01	6.33E-02	3.70E+00	4.63E+00	0.00E+00	9.00E-04
357.25	6369.5 Grid Location	2.51E-01	5.64E-02	2.96E+00	3.56E+00	0.00E+00	6.68E-04
357.3	6369.5 Grid Location	1.41E-01	4.53E-02	2.00E+00	2.17E+00	0.00E+00	2.67E-04
357.35	6369.5 Grid Location	1.81E-01	4.03E-02	2.20E+00	2.68E+00	0.00E+00	4.88E-04
357.4	6369.5 Grid Location	1.43E-01	3.59E-02	1.85E+00	2.15E+00	0.00E+00	3.51E-04
357.45	6369.5 Grid Location	1.54E-01	3.32E-02	1.93E+00	2.34E+00	0.00E+00	4.18E-04
357.5	6369.5 Grid Location	1.30E-01	3.70E-02	1.85E+00	2.07E+00	0.00E+00	2.77E-04
357.55	6369.5 Grid Location	1.35E-01	4.13E-02	2.01E+00	2.18E+00	0.00E+00	2.62E-04
357.6	6369.5 Grid Location	1.43E-01	4.60E-02	2.16E+00	2.30E+00	0.00E+00	2.54E-04
357.65	6369.5 Grid Location	1.53E-01	5.03E-02	2.32E+00	2.44E+00	0.00E+00	2.61E-04
357.7	6369.5 Grid Location	1.61E-01	5.33E-02	2.46E+00	2.57E+00	0.00E+00	2.76E-04
357.75	6369.5 Grid Location	1.65E-01	5.40E-02	2.51E+00	2.62E+00	0.00E+00	2.87E-04
357.8	6369.5 Grid Location	1.68E-01	5.44E-02	2.55E+00	2.69E+00	0.00E+00	3.02E-04
357.85	6369.5 Grid Location	1.80E-01	5.60E-02	2.69E+00	2.89E+00	0.00E+00	3.44E-04
357.9	6369.5 Grid Location	1.92E-01	5.67E-02	2.80E+00	3.08E+00	0.00E+00	3.90E-04
357.95	6369.5 Grid Location	1.96E-01	5.59E-02	2.82E+00	3.16E+00	0.00E+00	4.16E-04
358	6369.5 Grid Location	1.96E-01	5.45E-02	2.79E+00	3.16E+00	0.00E+00	4.28E-04
356.5	6369.55 Grid Location	2.33E-01	6.63E-02	3.94E+00	4.63E+00	0.00E+00	4.99E-04
356.55	6369.55 Grid Location	2.36E-01	6.89E-02	4.01E+00	4.67E+00	0.00E+00	4.87E-04
356.6	6369.55 Grid Location	2.34E-01	7.06E-02	4.01E+00	4.62E+00	0.00E+00	4.65E-04
356.65	6369.55 Grid Location	2.35E-01	7.32E-02	4.05E+00	4.59E+00	0.00E+00	4.46E-04
356.7	6369.55 Grid Location	2.35E-01	7.59E-02	4.05E+00	4.51E+00	0.00E+00	4.18E-04
356.75	6369.55 Grid Location	2.31E-01	7.87E-02	4.02E+00	4.36E+00	0.00E+00	3.78E-04
356.8	6369.55 Grid Location	2.28E-01	8.20E-02	4.00E+00	4.23E+00	0.00E+00	3.37E-04
356.85	6369.55 Grid Location	2.27E-01	8.52E-02	3.98E+00	4.13E+00	0.00E+00	3.03E-04
356.9	6369.55 Grid Location	2.37E-01	9.02E-02	4.07E+00	4.19E+00	0.00E+00	3.04E-04
356.95	6369.55 Grid Location	2.49E-01	9.58E-02	4.16E+00	4.21E+00	0.00E+00	3.10E-04
357	6369.55 Grid Location	2.63E-01	9.99E-02	4.22E+00	4.27E+00	0.00E+00	3.40E-04
357.05	6369.55 Grid Location	2.75E-01	9.90E-02	4.16E+00	4.31E+00	0.00E+00	4.01E-04
357.1	6369.55 Grid Location	2.76E-01	8.90E-02	3.90E+00	4.22E+00	0.00E+00	4.89E-04
357.15	6369.55 Grid Location	2.82E-01	7.69E-02	3.78E+00	4.24E+00	0.00E+00	6.29E-04
357.2	6369.55 Grid Location	2.81E-01	7.33E-02	3.65E+00	4.12E+00	0.00E+00	6.57E-04
357.25	6369.55 Grid Location	2.08E-01	6.36E-02	2.96E+00	3.20E+00	0.00E+00	4.09E-04
357.3	6369.55 Grid Location	1.61E-01	5.36E-02	2.42E+00	2.54E+00	0.00E+00	2.81E-04
357.35	6369.55 Grid Location	1.66E-01	4.90E-02	2.32E+00	2.54E+00	0.00E+00	3.45E-04
357.4	6369.55 Grid Location	1.53E-01	4.48E-02	2.13E+00	2.30E+00	0.00E+00	3.23E-04
357.45	6369.55 Grid Location	1.39E-01	4.02E-02	2.02E+00	2.17E+00	0.00E+00	2.94E-04
357.5	6369.55 Grid Location	1.35E-01	4.15E-02	2.01E+00	2.15E+00	0.00E+00	2.62E-04
357.55	6369.55 Grid Location	1.30E-01	4.53E-02	2.09E+00	2.15E+00	0.00E+00	2.02E-04
357.6	6369.55 Grid Location	1.34E-01	4.71E-02	2.21E+00	2.30E+00	0.00E+00	2.03E-04
357.65	6369.55 Grid Location	1.40E-01	4.91E-02	2.29E+00	2.41E+00	0.00E+00	2.08E-04
357.7	6369.55 Grid Location	1.44E-01	5.11E-02	2.36E+00	2.46E+00	0.00E+00	2.12E-04
357.75	6369.55 Grid Location	1.49E-01	5.32E-02	2.45E+00	2.53E+00	0.00E+00	2.22E-04
357.8	6369.55 Grid Location	1.54E-01	5.44E-02	2.53E+00	2.61E+00	0.00E+00	2.38E-04
357.85	6369.55 Grid Location	1.67E-01	5.56E-02	2.66E+00	2.81E+00	0.00E+00	2.87E-04
357.9	6369.55 Grid Location	1.75E-01	5.50E-02	2.72E+00	2.95E+00	0.00E+00	3.32E-04
357.95	6369.55 Grid Location	1.80E-01	5.37E-02	2.73E+00	3.02E+00	0.00E+00	3.64E-04
358	6369.55 Grid Location	1.81E-01	5.22E-02	2.71E+00	3.04E+00	0.00E+00	3.83E-04
356.5	6369.601 Grid Location	2.28E-01	6.57E-02	3.83E+00	4.48E+00	0.00E+00	4.81E-04
356.55	6369.601 Grid Location	2.30E-01	6.84E-02	3.90E+00	4.51E+00	0.00E+00	4.68E-04
356.6	6369.601 Grid Location	2.31E-01	7.11E-02	3.94E+00	4.49E+00	0.00E+00	4.49E-04
356.65	6369.601 Grid Location	2.33E-01	7.41E-02	3.98E+00	4.46E+00	0.00E+00	4.30E-04
356.7	6369.601 Grid Location	2.38E-01	7.86E-02	4.07E+00	4.48E+00	0.00E+00	4.13E-04
356.75	6369.601 Grid Location	2.40E-01	8.30E-02	4.12E+00	4.43E+00	0.00E+00	3.86E-04
356.8	6369.601 Grid Location	2.41E-01	8.72E-02	4.14E+00	4.35E+00	0.00E+00	3.54E-04
356.85	6369.601 Grid Location	2.42E-01	9.07E-02	4.15E+00	4.29E+00	0.00E+00	3.27E-04
356.9	6369.601 Grid Location	2.52E-01	9.47E-02	4.22E+00	4.37E+00	0.00E+00	3.33E-04
356.95	6369.601 Grid Location	2.69E-01	9.94E-02	4.34E+00	4.53E+00	0.00E+00	3.66E-04
357	6369.601 Grid Location	2.83E-01	1.02E-01	4.36E+00	4.60E+00	0.00E+00	4.06E-04
357.05	6369.601 Grid Location	2.88E-01	9.75E-02	4.23E+00	4.54E+00	0.00E+00	4.60E-04
357.1	6369.601 Grid Location	2.79E-01	8.71E-02	3.98E+00	4.32E+00	0.00E+00	5.14E-04
357.15	6369.601 Grid Location	2.74E-01	8.27E-02	3.86E+00	4.12E+00	0.00E+00	5.42E-04
357.2	6369.601 Grid Location	2.47E-01	8.11E-02	3.59E+00	3.72E+00	0.00E+00	4.34E-04
357.25	6369.601 Grid Location	2.08E-01	7.12E-02	3.15E+00	3.20E+00	0.00E+00	3.41E-04
357.3	6369.601 Grid Location	1.73E-01	6.20E-02	2.69E+00	2.69E+00	0.00E+00	2.64E-04
357.35	6369.601 Grid Location	1.66E-01	5.76E-02	2.48E+00	2.51E+00	0.00E+00	2.68E-04
357.4	6369.601 Grid Location	1.59E-01	5.31E-02	2.36E+00	2.39E+00	0.00E+00	2.78E-04
357.45	6369.601 Grid Location	1.33E-01	4.82E-02	2.15E+00	2.11E+00	0.00E+00	2.02E-04
357.5	6369.601 Grid Location	1.39E-01	4.53E-02	2.19E+00	2.29E+00	0.00E+00	2.41E-04
357.55	6369.601 Grid Location	1.36E-01	4.74E-02	2.21E+00	2.29E+00	0.00E+00	2.09E-04
357.6	6369.601 Grid Location	1.31E-01	4.78E-02	2.22E+00	2.29E+00	0.00E+00	1.82E-04
357.65	6369.601 Grid Location	1.31E-01	4.74E-02	2.24E+00	2.36E+00	0.00E+00	1.83E-04
357.7	6369.601 Grid Location	1.32E-01	4.79E-02	2.27E+00	2.39E+00	0.00E+00	1.85E-04
357.75	6369.601 Grid Location	1.38E-01	5.04E-02	2.35E+00	2.45E+00	0.00E+00	1.93E-04
357.8	6369.601 Grid Location	1.47E-01	5.30E-02	2.49E+00	2.57E+00	0.00E+00	2.14E-04
357.85	6369.601 Grid Location	1.58E-01	5.46E-02	2.62E+00	2.76E+00	0.00E+00	2.57E-04
357.9	6369.601 Grid Location	1.67E-01	5.46E-02	2.70E+00	2.91E+00	0.00E+00	3.00E-04
357.95	6369.601 Grid Location	1.71E-01	5.32E-02	2.71E+00	2.97E+00	0.00E+00	3.29E-04
358	6369.601 Grid Location	1.71E-01	5.13E-02	2.67E+00	2.97E+00	0.00E+00	3.47E-04
356.5	6369.65 Grid Location	2.24E-01	6.60E-02	3.76E+00	4.35E+00	0.00E+00	4.64E-04
356.55	6369.65 Grid Location	2.27E-01	6.89E-02	3.82E+00	4.37E+00	0.00E+00	4.51E-04
356.6	6369.65 Grid Location	2.30E-01	7.20E-02	3.89E+00	4.39E+00	0.00E+00	4.35E-04
356.65	6369.65 Grid Location	2.35E-01	7.60E-02	3.98E+00	4.42E+00	0.00E+00	4.24E-04
356.7	6369.65 Grid Location	2.43E-01	8.09E-02	4.10E+00	4.49E+00	0.00E+00	4.17E-04
356.75	6369.65 Grid Location	2.52E-01	8.65E-02	4.23E+00	4.57E+00	0.00E+00	4.10E-04
356.8	6369.65 Grid Location	2.57E-01	9.08E-02	4.29E+00	4.56E+00	0.00E+00	3.93E-04
356.85	6369.65 Grid Location	2.58E-01	9.35E-02	4.28E+00	4.49E+00	0.00E+00	3.74E-04
356.9	6369.65 Grid Location	2.63E-01	9.64E-02	4.30E+00	4.51E+00	0.00E+00	3.70E-04
356.95	6369.65 Grid Location	2.75E-01	9.83E-02	4.34E+00	4.62E+00	0.00E+00	4.04E-04
357	6369.65 Grid Location	2.83E-01	9.68E-02	4.27E+00	4.64E+00	0.00E+00	4.40E-04
357.05	6369.65 Grid Location	2.76E-01	9.00E-02	4.06E+00	4.45E+00	0.00E+00	4.66E-04
357.1	6369.65 Grid Location	2.62E-01	8.32E-02	3.84E+00	4.14E+00	0.00E+00	4.66E-04
357.15	6369.65 Grid Location	2.54E-01	8.46E-02	3.79E+00	3.96E+00	0.00E+00	4.27E-04
357.2	6369.65 Grid Location	2.37E-01	8.24E-02	3.63E+00	3.73E+00	0.00E+00	3.68E-04
357.25	6369.65 Grid Location	2.10E-01	7.45E-02	3.28E+00	3.33E+00	0.00E+00	3.14E-04
357.3	6369.65 Grid Location	1.81E-01	6.67E-02	2.88E+00	2.87E+00	0.00E+00	2.54E-04
357.35	6369.65 Grid Location	1.71E-01	6.32E-02	2.67E+00	2.66E+00	0.00E+00	2.38E-04
357.4	6369.65 Grid Location	1.64E-01	5.85E-02	2.54E+00	2.53E+00	0.00E+00	2.45E-04
357.45	6369.65 Grid Location	1.44E-01	5.37E-02	2.34E+00	2.30E+00	0.00E+00	2.01E-04
357.5	6369.65 Grid Location	1.34E-01	4.80E-02	2.26E+00	2.30E+00	0.00E+00	1.98E-04
357.55	6369.65 Grid Location	1.35E-01	4.66E-02	2.26E+00	2.38E+00	0.00E+00	2.11E-04
357.6	6369.65 Grid Location	1.30E-01	4.70E-02	2.22E+00	2.31E+00	0.00E+00	1.85E-04
357.65	6369.65 Grid Location	1.25E-01	4.64E-02	2.20E+00	2.28E+00	0.00E+00	1.69E-04
357.7	6369.65 Grid Location	1.25E-01	4.59E-02	2.21E+00	2.31E+00	0.00E+00	1.70E-04
357.75	6369.65 Grid Location	1.28E-01	4.67E-02	2.25E+00	2.37E+00	0.00E+00	1.78E-04
357.8	6369.65 Grid Location	1.39E-01	4.93E-02	2.38E+00	2.53E+00	0.00E+00	2.08E-04
357.85	6369.65 Grid Location	1.53E-01	5.23E-02	2.56E+00	2.73E+00	0.00E+00	2.48E-04
357.9	6369.65 Grid Location	1.63E-01	5.38E-02	2.68E+00	2.88E+00	0.00E+00	2.86E-04
357.95	6369.65 Grid Location	1.68E-01	5.32E-02	2.70E+00	2.95E+00	0.00E+00	3.14E-04
358	6369.65 Grid Location	1.66E-01	5.08E-02	2.64E+00	2.94E+00	0.00E+00	3.28E-04
356.5	6369.701 Grid Location	2.22E-01	6.65E-02	3.70E+00	4.25E+00	0.00E+00	4.50E-04
356.55	6369.701 Grid Location	2.29E-01	7.05E-02	3.82E+00	4.33E+00	0.00E+00	4.46E-04
356.6	6369.701 Grid Location	2.34E-01	7.41E-02	3.92E+00	4.39E+00	0.00E+00	4.39E-04
356.65	6369.701 Grid Location	2.40E-01	7.78E-02	4.01E+00	4.46E+00	0.00E+00	4.33E-04
356.7	6369.701 Grid Location	2.48E-01	8.19E-02	4.12E+00	4.54E+00	0.00E+00	4.34E-04
356.75	6369.701 Grid Location	2.60E-01	8.71E-02	4.28E+00	4.68E+00	0.00E+00	4.43E-04
356.8	6369.701 Grid Location	2.71E-01	9.21E-02	4.41E+00	4.79E+00	0.00E+00	4.49E-04
356.85	6369.701 Grid Location	2.77E-01	9.56E-02	4.45E+00	4.79E+00	0.00E+00	4.44E-04
356.9	6369.701 Grid Location	2.76E-01	9.63E-02	4.36E+00	4.67E+00	0.00E+00	4.29E-04
356.95	6369.701 Grid Location	2.70E-01	9.38E-02	4.18E+00	4.50E+00	0.00E+00	4.16E-04
357	6369.701 Grid Location	2.65E-01	8.86E-02	4.01E+00	4.39E+00	0.00E+00	4.30E-04
357.05	6369.701 Grid Location	2.53E-01	8.22E-02	3.81E+00	4.17E+00	0.00E+00	4.29E-04
357.1	6369.701 Grid Location	2.45E-01	8.12E-02	3.75E+00	4.01E+00	0.00E+00	4.11E-04
357.15	6369.701 Grid Location	2.38E-01	8.28E-02	3.70E+00	3.87E+00	0.00E+00	3.63E-04
357.2	6369.701 Grid Location	2.23E-01	7.84E-02	3.52E+00	3.66E+00	0.00E+00	3.35E-04
357.25	6369.701 Grid Location	2.03E-01	7.25E-02	3.24E+00	3.33E+00	0.00E+00	2.94E-04
357.3	6369.701 Grid Location	1.82E-01	6.71E-02	2.94E+00	2.99E+00	0.00E+00	2.49E-04
357.35	6369.701 Grid Location	1.73E-01	6.46E-02	2.76E+00	2.79E+00	0.00E+00	2.28E-04
357.4	6369.701 Grid Location	1.65E-01	6.03E-02	2.63E+00	2.66E+00	0.00E+00	2.31E-04
357.45	6369.701 Grid Location	1.50E-01	5.52E-02	2.44E+00	2.46E+00	0.00E+00	2.09E-04

357.5	6369.701 Grid Location	1.32E-01	4.94E-02	2.29E+00	2.32E+00	0.00E+00	1.80E-04
357.55	6369.701 Grid Location	1.28E-01	4.50E-02	2.23E+00	2.34E+00	0.00E+00	1.92E-04
357.6	6369.701 Grid Location	1.28E-01	4.54E-02	2.21E+00	2.32E+00	0.00E+00	1.88E-04
357.65	6369.701 Grid Location	1.25E-01	4.60E-02	2.20E+00	2.27E+00	0.00E+00	1.72E-04
357.7	6369.701 Grid Location	1.22E-01	4.54E-02	2.19E+00	2.27E+00	0.00E+00	1.66E-04
357.75	6369.701 Grid Location	1.25E-01	4.50E-02	2.22E+00	2.36E+00	0.00E+00	1.83E-04
357.8	6369.701 Grid Location	1.33E-01	4.58E-02	2.30E+00	2.50E+00	0.00E+00	2.11E-04
357.85	6369.701 Grid Location	1.45E-01	4.84E-02	2.44E+00	2.68E+00	0.00E+00	2.46E-04
357.9	6369.701 Grid Location	1.56E-01	5.09E-02	2.57E+00	2.82E+00	0.00E+00	2.77E-04
357.95	6369.701 Grid Location	1.63E-01	5.19E-02	2.64E+00	2.90E+00	0.00E+00	3.02E-04
358	6369.701 Grid Location	1.62E-01	5.02E-02	2.61E+00	2.89E+00	0.00E+00	3.15E-04
356.5	6369.75 Grid Location	2.24E-01	6.79E-02	3.71E+00	4.24E+00	0.00E+00	4.51E-04
356.55	6369.75 Grid Location	2.32E-01	7.17E-02	3.84E+00	4.35E+00	0.00E+00	4.54E-04
356.6	6369.75 Grid Location	2.40E-01	7.55E-02	3.96E+00	4.45E+00	0.00E+00	4.56E-04
356.65	6369.75 Grid Location	2.49E-01	7.92E-02	4.08E+00	4.56E+00	0.00E+00	4.60E-04
356.7	6369.75 Grid Location	2.59E-01	8.32E-02	4.21E+00	4.69E+00	0.00E+00	4.70E-04
356.75	6369.75 Grid Location	2.71E-01	8.77E-02	4.36E+00	4.84E+00	0.00E+00	4.87E-04
356.8	6369.75 Grid Location	2.81E-01	9.13E-02	4.46E+00	4.94E+00	0.00E+00	5.02E-04
356.85	6369.75 Grid Location	2.89E-01	9.43E-02	4.49E+00	4.96E+00	0.00E+00	5.07E-04
356.9	6369.75 Grid Location	2.85E-01	9.41E-02	4.37E+00	4.80E+00	0.00E+00	4.88E-04
356.95	6369.75 Grid Location	2.70E-01	8.99E-02	4.12E+00	4.51E+00	0.00E+00	4.50E-04
357	6369.75 Grid Location	2.46E-01	8.22E-02	3.79E+00	4.12E+00	0.00E+00	4.03E-04
357.05	6369.75 Grid Location	2.33E-01	7.79E-02	3.64E+00	3.91E+00	0.00E+00	3.85E-04
357.1	6369.75 Grid Location	2.30E-01	7.93E-02	3.64E+00	3.85E+00	0.00E+00	3.59E-04
357.15	6369.75 Grid Location	2.24E-01	7.88E-02	3.59E+00	3.78E+00	0.00E+00	3.36E-04
357.2	6369.75 Grid Location	2.11E-01	7.40E-02	3.41E+00	3.58E+00	0.00E+00	3.15E-04
357.25	6369.75 Grid Location	1.92E-01	6.88E-02	3.14E+00	3.26E+00	0.00E+00	2.77E-04
357.3	6369.75 Grid Location	1.76E-01	6.48E-02	2.90E+00	3.00E+00	0.00E+00	2.41E-04
357.35	6369.75 Grid Location	1.70E-01	6.37E-02	2.77E+00	2.86E+00	0.00E+00	2.23E-04
357.4	6369.75 Grid Location	1.64E-01	6.05E-02	2.66E+00	2.73E+00	0.00E+00	2.23E-04
357.45	6369.75 Grid Location	1.51E-01	5.52E-02	2.48E+00	2.55E+00	0.00E+00	2.09E-04
357.5	6369.75 Grid Location	1.33E-01	5.02E-02	2.30E+00	2.32E+00	0.00E+00	1.78E-04
357.55	6369.75 Grid Location	1.22E-01	4.45E-02	2.18E+00	2.25E+00	0.00E+00	1.73E-04
357.6	6369.75 Grid Location	1.22E-01	4.35E-02	2.18E+00	2.29E+00	0.00E+00	1.82E-04
357.65	6369.75 Grid Location	1.23E-01	4.47E-02	2.19E+00	2.29E+00	0.00E+00	1.78E-04
357.7	6369.75 Grid Location	1.25E-01	4.51E-02	2.21E+00	2.32E+00	0.00E+00	1.82E-04
357.75	6369.75 Grid Location	1.26E-01	4.43E-02	2.22E+00	2.37E+00	0.00E+00	1.94E-04
357.8	6369.75 Grid Location	1.29E-01	4.37E-02	2.25E+00	2.47E+00	0.00E+00	2.15E-04
357.85	6369.75 Grid Location	1.38E-01	4.46E-02	2.34E+00	2.61E+00	0.00E+00	2.43E-04
357.9	6369.75 Grid Location	1.46E-01	4.63E-02	2.42E+00	2.72E+00	0.00E+00	2.69E-04
357.95	6369.75 Grid Location	1.52E-01	4.76E-02	2.48E+00	2.77E+00	0.00E+00	2.88E-04
358	6369.75 Grid Location	1.55E-01	4.78E-02	2.50E+00	2.79E+00	0.00E+00	3.02E-04
356.5	6369.8 Grid Location	2.30E-01	6.94E-02	3.77E+00	4.30E+00	0.00E+00	4.64E-04
356.55	6369.8 Grid Location	2.41E-01	7.32E-02	3.91E+00	4.45E+00	0.00E+00	4.77E-04
356.6	6369.8 Grid Location	2.48E-01	7.63E-02	4.01E+00	4.55E+00	0.00E+00	4.84E-04
356.65	6369.8 Grid Location	2.59E-01	8.03E-02	4.16E+00	4.71E+00	0.00E+00	4.98E-04
356.7	6369.8 Grid Location	2.70E-01	8.42E-02	4.31E+00	4.87E+00	0.00E+00	5.14E-04
356.75	6369.8 Grid Location	2.82E-01	8.80E-02	4.43E+00	5.00E+00	0.00E+00	5.35E-04
356.8	6369.8 Grid Location	2.94E-01	9.14E-02	4.54E+00	5.12E+00	0.00E+00	5.58E-04
356.85	6369.8 Grid Location	2.97E-01	9.22E-02	4.50E+00	5.08E+00	0.00E+00	5.61E-04
356.9	6369.8 Grid Location	2.90E-01	9.05E-02	4.35E+00	4.90E+00	0.00E+00	5.38E-04
356.95	6369.8 Grid Location	2.69E-01	8.49E-02	4.06E+00	4.53E+00	0.00E+00	4.85E-04
357	6369.8 Grid Location	2.39E-01	7.79E-02	3.72E+00	4.05E+00	0.00E+00	4.14E-04
357.05	6369.8 Grid Location	2.24E-01	7.66E-02	3.59E+00	3.81E+00	0.00E+00	3.59E-04
357.1	6369.8 Grid Location	2.19E-01	7.74E-02	3.56E+00	3.74E+00	0.00E+00	3.30E-04
357.15	6369.8 Grid Location	2.12E-01	7.49E-02	3.47E+00	3.64E+00	0.00E+00	3.17E-04
357.2	6369.8 Grid Location	1.98E-01	6.99E-02	3.26E+00	3.42E+00	0.00E+00	2.93E-04
357.25	6369.8 Grid Location	1.81E-01	6.53E-02	3.02E+00	3.13E+00	0.00E+00	2.59E-04
357.3	6369.8 Grid Location	1.70E-01	6.28E-02	2.85E+00	2.95E+00	0.00E+00	2.32E-04
357.35	6369.8 Grid Location	1.66E-01	6.25E-02	2.76E+00	2.84E+00	0.00E+00	2.15E-04
357.4	6369.8 Grid Location	1.60E-01	6.01E-02	2.66E+00	2.71E+00	0.00E+00	2.11E-04
357.45	6369.8 Grid Location	1.48E-01	5.50E-02	2.49E+00	2.54E+00	0.00E+00	2.02E-04
357.5	6369.8 Grid Location	1.35E-01	5.08E-02	2.32E+00	2.34E+00	0.00E+00	1.79E-04
357.55	6369.8 Grid Location	1.21E-01	4.54E-02	2.18E+00	2.22E+00	0.00E+00	1.66E-04
357.6	6369.8 Grid Location	1.18E-01	4.21E-02	2.13E+00	2.24E+00	0.00E+00	1.75E-04
357.65	6369.8 Grid Location	1.24E-01	4.28E-02	2.19E+00	2.34E+00	0.00E+00	1.95E-04
357.7	6369.8 Grid Location	1.27E-01	4.37E-02	2.22E+00	2.38E+00	0.00E+00	2.04E-04
357.75	6369.8 Grid Location	1.27E-01	4.33E-02	2.22E+00	2.39E+00	0.00E+00	2.09E-04
357.8	6369.8 Grid Location	1.28E-01	4.26E-02	2.22E+00	2.44E+00	0.00E+00	2.19E-04
357.85	6369.8 Grid Location	1.31E-01	4.21E-02	2.25E+00	2.52E+00	0.00E+00	2.38E-04
357.9	6369.8 Grid Location	1.36E-01	4.21E-02	2.27E+00	2.59E+00	0.00E+00	2.56E-04
357.95	6369.8 Grid Location	1.41E-01	4.28E-02	2.31E+00	2.64E+00	0.00E+00	2.74E-04
358	6369.8 Grid Location	1.45E-01	4.37E-02	2.34E+00	2.67E+00	0.00E+00	2.89E-04
356.5	6369.851 Grid Location	2.35E-01	6.99E-02	3.79E+00	4.35E+00	0.00E+00	4.81E-04
356.55	6369.851 Grid Location	2.45E-01	7.33E-02	3.93E+00	4.50E+00	0.00E+00	4.98E-04
356.6	6369.851 Grid Location	2.55E-01	7.63E-02	4.05E+00	4.65E+00	0.00E+00	5.14E-04
356.65	6369.851 Grid Location	2.68E-01	8.04E-02	4.22E+00	4.84E+00	0.00E+00	5.37E-04
356.7	6369.851 Grid Location	2.82E-01	8.48E-02	4.40E+00	5.04E+00	0.00E+00	5.64E-04
356.75	6369.851 Grid Location	2.94E-01	8.83E-02	4.51E+00	5.17E+00	0.00E+00	5.88E-04
356.8	6369.851 Grid Location	3.01E-01	9.02E-02	4.54E+00	5.20E+00	0.00E+00	6.01E-04
356.85	6369.851 Grid Location	2.97E-01	8.87E-02	4.43E+00	5.08E+00	0.00E+00	5.90E-04
356.9	6369.851 Grid Location	2.81E-01	8.40E-02	4.19E+00	4.81E+00	0.00E+00	5.53E-04
356.95	6369.851 Grid Location	2.60E-01	7.89E-02	3.94E+00	4.46E+00	0.00E+00	5.01E-04
357	6369.851 Grid Location	2.39E-01	7.58E-02	3.74E+00	4.13E+00	0.00E+00	4.37E-04
357.05	6369.851 Grid Location	2.26E-01	7.60E-02	3.64E+00	3.92E+00	0.00E+00	3.78E-04
357.1	6369.851 Grid Location	2.17E-01	7.53E-02	3.54E+00	3.75E+00	0.00E+00	3.38E-04
357.15	6369.851 Grid Location	2.00E-01	7.05E-02	3.31E+00	3.48E+00	0.00E+00	3.03E-04
357.2	6369.851 Grid Location	1.85E-01	6.59E-02	3.10E+00	3.23E+00	0.00E+00	2.73E-04
357.25	6369.851 Grid Location	1.73E-01	6.29E-02	2.92E+00	3.03E+00	0.00E+00	2.48E-04
357.3	6369.851 Grid Location	1.65E-01	6.13E-02	2.80E+00	2.89E+00	0.00E+00	2.25E-04
357.35	6369.851 Grid Location	1.64E-01	6.20E-02	2.75E+00	2.83E+00	0.00E+00	2.10E-04
357.4	6369.851 Grid Location	1.58E-01	5.98E-02	2.65E+00	2.69E+00	0.00E+00	2.04E-04
357.45	6369.851 Grid Location	1.47E-01	5.49E-02	2.49E+00	2.54E+00	0.00E+00	1.97E-04
357.5	6369.851 Grid Location	1.36E-01	5.10E-02	2.33E+00	2.38E+00	0.00E+00	1.84E-04
357.55	6369.851 Grid Location	1.24E-01	4.62E-02	2.20E+00	2.25E+00	0.00E+00	1.74E-04
357.6	6369.851 Grid Location	1.17E-01	4.12E-02	2.12E+00	2.24E+00	0.00E+00	1.83E-04
357.65	6369.851 Grid Location	1.20E-01	4.00E-02	2.14E+00	2.33E+00	0.00E+00	2.04E-04
357.7	6369.851 Grid Location	1.24E-01	4.08E-02	2.17E+00	2.38E+00	0.00E+00	2.16E-04
357.75	6369.851 Grid Location	1.26E-01	4.15E-02	2.19E+00	2.39E+00	0.00E+00	2.21E-04
357.8	6369.851 Grid Location	1.27E-01	4.13E-02	2.19E+00	2.40E+00	0.00E+00	2.25E-04
357.85	6369.851 Grid Location	1.26E-01	4.03E-02	2.17E+00	2.41E+00	0.00E+00	2.32E-04
357.9	6369.851 Grid Location	1.28E-01	3.97E-02	2.17E+00	2.47E+00	0.00E+00	2.47E-04
357.95	6369.851 Grid Location	1.31E-01	3.91E-02	2.17E+00	2.51E+00	0.00E+00	2.62E-04
358	6369.851 Grid Location	1.35E-01	3.95E-02	2.19E+00	2.54E+00	0.00E+00	2.76E-04
356.5	6369.9 Grid Location	2.37E-01	6.91E-02	3.77E+00	4.37E+00	0.00E+00	4.95E-04
356.55	6369.9 Grid Location	2.46E-01	7.19E-02	3.89E+00	4.50E+00	0.00E+00	5.11E-04
356.6	6369.9 Grid Location	2.56E-01	7.49E-02	4.02E+00	4.66E+00	0.00E+00	5.34E-04
356.65	6369.9 Grid Location	2.71E-01	7.89E-02	4.19E+00	4.86E+00	0.00E+00	5.66E-04
356.7	6369.9 Grid Location	2.88E-01	8.35E-02	4.39E+00	5.09E+00	0.00E+00	6.02E-04
356.75	6369.9 Grid Location	3.00E-01	8.71E-02	4.51E+00	5.23E+00	0.00E+00	6.26E-04
356.8	6369.9 Grid Location	2.98E-01	8.63E-02	4.42E+00	5.14E+00	0.00E+00	6.16E-04
356.85	6369.9 Grid Location	2.84E-01	8.22E-02	4.20E+00	4.89E+00	0.00E+00	5.85E-04
356.9	6369.9 Grid Location	2.65E-01	7.68E-02	3.96E+00	4.59E+00	0.00E+00	5.43E-04
356.95	6369.9 Grid Location	2.47E-01	7.33E-02	3.79E+00	4.31E+00	0.00E+00	4.94E-04
357	6369.9 Grid Location	2.36E-01	7.33E-02	3.71E+00	4.14E+00	0.00E+00	4.44E-04
357.05	6369.9 Grid Location	2.26E-01	7.37E-02	3.63E+00	3.98E+00	0.00E+00	3.97E-04
357.1	6369.9 Grid Location	2.14E-01	7.16E-02	3.49E+00	3.78E+00	0.00E+00	3.61E-04
357.15	6369.9 Grid Location	1.96E-01	6.67E-02	3.25E+00	3.48E+00	0.00E+00	3.20E-04
357.2	6369.9 Grid Location	1.79E-01	6.22E-02	3.00E+00	3.18E+00	0.00E+00	2.81E-04
357.25	6369.9 Grid Location	1.70E-01	6.03E-02	2.86E+00	3.01E+00	0.00E+00	2.53E-04
357.3	6369.9 Grid Location	1.64E-01	5.98E-02	2.77E+00	2.90E+00	0.00E+00	2.32E-04
357.35	6369.9 Grid Location	1.63E-01	6.07E-02	2.74E+00	2.85E+00	0.00E+00	2.19E-04
357.4	6369.9 Grid Location	1.60E-01	5.96E-02	2.68E+00	2.77E+00	0.00E+00	2.18E-04
357.45	6369.9 Grid Location	1.50E-01	5.45E-02	2.53E+00	2.63E+00	0.00E+00	2.17E-04
357.5	6369.9 Grid Location	1.42E-01	5.06E-02	2.39E+00	2.51E+00	0.00E+00	2.12E-04
357.55	6369.9 Grid Location	1.31E-01	4.68E-02	2.26E+00	2.36E+00	0.00E+00	2.00E-04
357.6	6369.9 Grid Location	1.18E-01	4.09E-02	2.11E+00	2.25E+00	0.00E+00	1.93E-04
357.65	6369.9 Grid Location	1.16E-01	3.79E-02	2.08E+00	2.28E+00	0.00E+00	2.06E-04
357.7	6369.9 Grid Location	1.20E-01	3.81E-02	2.10E+00	2.34E+00	0.00E+00	2.21E-04
357.75	6369.9 Grid Location	1.24E-01	3.92E-02	2.13E+00	2.37E+00	0.00E+00	2.29E-04
357.8	6369.9 Grid Location	1.25E-01	3.96E-02	2.14E+00	2.38E+00	0.00E+00	2.31E-04
357.85	6369.9 Grid Location	1.24E-01	3.92E-02	2.12E+00	2.37E+00	0.00E+00	2.34E-04

357.9	6369.9 Grid Location	1.24E-01	3.82E-02	2.10E+00	2.37E+00	0.00E+00	2.40E-04
357.95	6369.9 Grid Location	1.24E-01	3.71E-02	2.08E+00	2.40E+00	0.00E+00	2.52E-04
358	6369.9 Grid Location	1.26E-01	3.65E-02	2.07E+00	2.42E+00	0.00E+00	2.64E-04
356.5	6369.951 Grid Location	2.35E-01	6.72E-02	3.70E+00	4.34E+00	0.00E+00	5.04E-04
356.55	6369.951 Grid Location	2.45E-01	6.98E-02	3.82E+00	4.46E+00	0.00E+00	5.24E-04
356.6	6369.951 Grid Location	2.55E-01	7.27E-02	3.94E+00	4.60E+00	0.00E+00	5.48E-04
356.65	6369.951 Grid Location	2.70E-01	7.64E-02	4.10E+00	4.80E+00	0.00E+00	5.83E-04
356.7	6369.951 Grid Location	2.86E-01	8.07E-02	4.28E+00	5.01E+00	0.00E+00	6.19E-04
356.75	6369.951 Grid Location	2.93E-01	8.27E-02	4.34E+00	5.09E+00	0.00E+00	6.30E-04
356.8	6369.951 Grid Location	2.84E-01	8.01E-02	4.19E+00	4.92E+00	0.00E+00	6.07E-04
356.85	6369.951 Grid Location	2.65E-01	7.46E-02	3.93E+00	4.61E+00	0.00E+00	5.62E-04
356.9	6369.951 Grid Location	2.45E-01	6.99E-02	3.71E+00	4.30E+00	0.00E+00	5.14E-04
356.95	6369.951 Grid Location	2.32E-01	6.83E-02	3.60E+00	4.10E+00	0.00E+00	4.70E-04
357	6369.951 Grid Location	2.27E-01	6.98E-02	3.60E+00	4.04E+00	0.00E+00	4.36E-04
357.05	6369.951 Grid Location	2.23E-01	7.05E-02	3.58E+00	3.97E+00	0.00E+00	4.09E-04
357.1	6369.951 Grid Location	2.12E-01	6.81E-02	3.44E+00	3.79E+00	0.00E+00	3.79E-04
357.15	6369.951 Grid Location	1.93E-01	6.33E-02	3.19E+00	3.49E+00	0.00E+00	3.37E-04
357.2	6369.951 Grid Location	1.77E-01	5.91E-02	2.94E+00	3.19E+00	0.00E+00	2.97E-04
357.25	6369.951 Grid Location	1.68E-01	5.77E-02	2.82E+00	3.04E+00	0.00E+00	2.71E-04
357.3	6369.951 Grid Location	1.65E-01	5.81E-02	2.78E+00	2.98E+00	0.00E+00	2.53E-04
357.35	6369.951 Grid Location	1.67E-01	5.98E-02	2.78E+00	2.97E+00	0.00E+00	2.45E-04
357.4	6369.951 Grid Location	1.65E-01	5.87E-02	2.72E+00	2.89E+00	0.00E+00	2.45E-04
357.45	6369.951 Grid Location	1.54E-01	5.35E-02	2.56E+00	2.72E+00	0.00E+00	2.42E-04
357.5	6369.951 Grid Location	1.46E-01	4.95E-02	2.42E+00	2.60E+00	0.00E+00	2.39E-04
357.55	6369.951 Grid Location	1.36E-01	4.63E-02	2.29E+00	2.44E+00	0.00E+00	2.24E-04
357.6	6369.951 Grid Location	1.22E-01	4.11E-02	2.12E+00	2.28E+00	0.00E+00	2.07E-04
357.65	6369.951 Grid Location	1.14E-01	3.70E-02	2.04E+00	2.24E+00	0.00E+00	2.08E-04
357.7	6369.951 Grid Location	1.16E-01	3.59E-02	2.04E+00	2.29E+00	0.00E+00	2.22E-04
357.75	6369.951 Grid Location	1.21E-01	3.69E-02	2.08E+00	2.35E+00	0.00E+00	2.34E-04
357.8	6369.951 Grid Location	1.22E-01	3.76E-02	2.09E+00	2.35E+00	0.00E+00	2.37E-04
357.85	6369.951 Grid Location	1.23E-01	3.78E-02	2.09E+00	2.34E+00	0.00E+00	2.38E-04
357.9	6369.951 Grid Location	1.22E-01	3.71E-02	2.06E+00	2.32E+00	0.00E+00	2.40E-04
357.95	6369.951 Grid Location	1.21E-01	3.62E-02	2.03E+00	2.32E+00	0.00E+00	2.46E-04
358	6369.951 Grid Location	1.21E-01	3.50E-02	2.00E+00	2.33E+00	0.00E+00	2.54E-04
356.5	6370 Grid Location	2.31E-01	6.45E-02	3.59E+00	4.25E+00	0.00E+00	5.08E-04
356.55	6370 Grid Location	2.41E-01	6.70E-02	3.70E+00	4.37E+00	0.00E+00	5.32E-04
356.6	6370 Grid Location	2.52E-01	6.98E-02	3.82E+00	4.50E+00	0.00E+00	5.58E-04
356.65	6370 Grid Location	2.64E-01	7.32E-02	3.96E+00	4.66E+00	0.00E+00	5.85E-04
356.7	6370 Grid Location	2.75E-01	7.60E-02	4.07E+00	4.80E+00	0.00E+00	6.07E-04
356.75	6370 Grid Location	2.75E-01	7.58E-02	4.05E+00	4.79E+00	0.00E+00	6.06E-04
356.8	6370 Grid Location	2.62E-01	7.20E-02	3.86E+00	4.57E+00	0.00E+00	5.74E-04
356.85	6370 Grid Location	2.43E-01	6.74E-02	3.64E+00	4.28E+00	0.00E+00	5.28E-04
356.9	6370 Grid Location	2.27E-01	6.45E-02	3.49E+00	4.05E+00	0.00E+00	4.83E-04
356.95	6370 Grid Location	2.19E-01	6.44E-02	3.44E+00	3.93E+00	0.00E+00	4.47E-04
357	6370 Grid Location	2.18E-01	6.64E-02	3.47E+00	3.93E+00	0.00E+00	4.27E-04
357.05	6370 Grid Location	2.14E-01	6.64E-02	3.45E+00	3.87E+00	0.00E+00	4.08E-04
357.1	6370 Grid Location	2.05E-01	6.43E-02	3.33E+00	3.72E+00	0.00E+00	3.83E-04
357.15	6370 Grid Location	1.91E-01	6.07E-02	3.14E+00	3.48E+00	0.00E+00	3.49E-04
357.2	6370 Grid Location	1.78E-01	5.77E-02	2.94E+00	3.25E+00	0.00E+00	3.15E-04
357.25	6370 Grid Location	1.70E-01	5.65E-02	2.83E+00	3.10E+00	0.00E+00	2.90E-04
357.3	6370 Grid Location	1.67E-01	5.68E-02	2.78E+00	3.05E+00	0.00E+00	2.72E-04
357.35	6370 Grid Location	1.69E-01	5.84E-02	2.79E+00	3.04E+00	0.00E+00	2.65E-04
357.4	6370 Grid Location	1.68E-01	5.79E-02	2.75E+00	2.98E+00	0.00E+00	2.67E-04
357.45	6370 Grid Location	1.59E-01	5.33E-02	2.60E+00	2.82E+00	0.00E+00	2.66E-04
357.5	6370 Grid Location	1.47E-01	4.83E-02	2.43E+00	2.65E+00	0.00E+00	2.57E-04
357.55	6370 Grid Location	1.38E-01	4.54E-02	2.30E+00	2.50E+00	0.00E+00	2.43E-04
357.6	6370 Grid Location	1.25E-01	4.12E-02	2.13E+00	2.31E+00	0.00E+00	2.19E-04
357.65	6370 Grid Location	1.14E-01	3.67E-02	2.01E+00	2.21E+00	0.00E+00	2.10E-04
357.7	6370 Grid Location	1.13E-01	3.45E-02	1.99E+00	2.24E+00	0.00E+00	2.19E-04
357.75	6370 Grid Location	1.16E-01	3.46E-02	2.01E+00	2.29E+00	0.00E+00	2.33E-04
357.8	6370 Grid Location	1.19E-01	3.54E-02	2.03E+00	2.31E+00	0.00E+00	2.41E-04
357.85	6370 Grid Location	1.21E-01	3.61E-02	2.04E+00	2.32E+00	0.00E+00	2.43E-04
357.9	6370 Grid Location	1.19E-01	3.58E-02	2.02E+00	2.29E+00	0.00E+00	2.41E-04
357.95	6370 Grid Location	1.18E-01	3.50E-02	1.98E+00	2.25E+00	0.00E+00	2.41E-04
358	6370 Grid Location	1.16E-01	3.40E-02	1.95E+00	2.24E+00	0.00E+00	2.44E-04
356.5	6370.05 Grid Location	2.25E-01	6.13E-02	3.45E+00	4.11E+00	0.00E+00	5.08E-04
356.55	6370.05 Grid Location	2.36E-01	6.40E-02	3.57E+00	4.26E+00	0.00E+00	5.36E-04
356.6	6370.05 Grid Location	2.46E-01	6.66E-02	3.67E+00	4.37E+00	0.00E+00	5.57E-04
356.65	6370.05 Grid Location	2.54E-01	6.91E-02	3.76E+00	4.46E+00	0.00E+00	5.73E-04
356.7	6370.05 Grid Location	2.56E-01	6.96E-02	3.77E+00	4.48E+00	0.00E+00	5.75E-04
356.75	6370.05 Grid Location	2.52E-01	6.81E-02	3.70E+00	4.41E+00	0.00E+00	5.65E-04
356.8	6370.05 Grid Location	2.40E-01	6.48E-02	3.56E+00	4.23E+00	0.00E+00	5.37E-04
356.85	6370.05 Grid Location	2.24E-01	6.16E-02	3.40E+00	3.99E+00	0.00E+00	4.95E-04
356.9	6370.05 Grid Location	2.13E-01	6.02E-02	3.31E+00	3.84E+00	0.00E+00	4.56E-04
356.95	6370.05 Grid Location	2.09E-01	6.12E-02	3.30E+00	3.80E+00	0.00E+00	4.30E-04
357	6370.05 Grid Location	2.10E-01	6.30E-02	3.36E+00	3.83E+00	0.00E+00	4.21E-04
357.05	6370.05 Grid Location	2.08E-01	6.30E-02	3.35E+00	3.79E+00	0.00E+00	4.08E-04
357.1	6370.05 Grid Location	1.98E-01	6.09E-02	3.23E+00	3.64E+00	0.00E+00	3.82E-04
357.15	6370.05 Grid Location	1.88E-01	5.85E-02	3.09E+00	3.46E+00	0.00E+00	3.56E-04
357.2	6370.05 Grid Location	1.80E-01	5.69E-02	2.96E+00	3.31E+00	0.00E+00	3.31E-04
357.25	6370.05 Grid Location	1.73E-01	5.61E-02	2.86E+00	3.18E+00	0.00E+00	3.07E-04
357.3	6370.05 Grid Location	1.70E-01	5.64E-02	2.81E+00	3.12E+00	0.00E+00	2.89E-04
357.35	6370.05 Grid Location	1.70E-01	5.75E-02	2.80E+00	3.09E+00	0.00E+00	2.79E-04
357.4	6370.05 Grid Location	1.70E-01	5.72E-02	2.76E+00	3.03E+00	0.00E+00	2.82E-04
357.45	6370.05 Grid Location	1.63E-01	5.36E-02	2.65E+00	2.91E+00	0.00E+00	2.85E-04
357.5	6370.05 Grid Location	1.50E-01	4.80E-02	2.45E+00	2.71E+00	0.00E+00	2.73E-04
357.55	6370.05 Grid Location	1.41E-01	4.48E-02	2.31E+00	2.55E+00	0.00E+00	2.59E-04
357.6	6370.05 Grid Location	1.27E-01	4.11E-02	2.14E+00	2.34E+00	0.00E+00	2.33E-04
357.65	6370.05 Grid Location	1.15E-01	3.67E-02	2.00E+00	2.20E+00	0.00E+00	2.15E-04
357.7	6370.05 Grid Location	1.10E-01	3.36E-02	1.94E+00	2.17E+00	0.00E+00	2.16E-04
357.75	6370.05 Grid Location	1.10E-01	3.25E-02	1.92E+00	2.20E+00	0.00E+00	2.27E-04
357.8	6370.05 Grid Location	1.15E-01	3.32E-02	1.96E+00	2.25E+00	0.00E+00	2.40E-04
357.85	6370.05 Grid Location	1.17E-01	3.41E-02	1.98E+00	2.27E+00	0.00E+00	2.44E-04
357.9	6370.05 Grid Location	1.16E-01	3.42E-02	1.96E+00	2.24E+00	0.00E+00	2.40E-04
357.95	6370.05 Grid Location	1.14E-01	3.36E-02	1.92E+00	2.20E+00	0.00E+00	2.36E-04
358	6370.05 Grid Location	1.12E-01	3.28E-02	1.88E+00	2.17E+00	0.00E+00	2.36E-04
357.245	6369.49 Grid Location	2.97E-01	5.55E-02	3.27E+00	4.13E+00	0.00E+00	8.87E-04
357.245	6369.49 Grid Location	2.97E-01	5.55E-02	3.27E+00	4.13E+00	0.00E+00	8.87E-04
357.195	6369.101 Grid Location	7.59E-02	2.30E-02	1.30E+00	1.59E+00	0.00E+00	1.45E-04
357.257	6369.085 Grid Location	6.81E-02	1.58E-02	1.14E+00	1.64E+00	0.00E+00	1.65E-04
357.279	6369.086 Grid Location	6.93E-02	1.55E-02	1.15E+00	1.68E+00	0.00E+00	1.72E-04
357.296	6369.104 Grid Location	6.31E-02	1.37E-02	1.06E+00	1.58E+00	0.00E+00	1.60E-04
357.31	6369.127 Grid Location	5.60E-02	1.16E-02	9.77E-01	1.46E+00	0.00E+00	1.47E-04
357.316	6369.148 Grid Location	5.11E-02	9.90E-03	9.27E-01	1.39E+00	0.00E+00	1.42E-04
357.32	6369.163 Grid Location	4.89E-02	8.75E-03	9.12E-01	1.37E+00	0.00E+00	1.42E-04
357.341	6369.158 Grid Location	5.51E-02	1.02E-02	9.91E-01	1.50E+00	0.00E+00	1.58E-04
357.434	6369.05 Grid Location	1.59E-01	4.47E-02	2.46E+00	3.33E+00	0.00E+00	3.28E-04
357.5	6369.45 Grid Location	1.68E-01	3.27E-02	1.97E+00	2.48E+00	0.00E+00	4.82E-04

2.4 Unitised Dust Deposition Results

X (km)	Y (km)	CoPC	TSP	PM_{10}	$PM_{2.5}$	SO_2	NO_2	CO	H_2SO_4	HCL	VOC	HF	As	Be	Cd	Cobalt	Cr	Cu	Hg	Mn	Ni	Pb	Sb	Se	Sn	Va	Dioxins	Units
		Emission Rate (maximum of all modelled scenarios)	0.1023	0.0644	0.0008	0.1967	0.5444	0.2566	0.3311	0.0398	0.0718	0.0135	0.000008	0.000001	0.000103	0.000002	0.000116	0.000087	0.000873	0.000372	0.000136	0.000428	0.000016	0.000019	0.000005	0.000013	2.14E-10	g/s
		Recreational Max	0.0011	0.0008	0.0002	0.0087	0.0052	0.0007	0.0034	0.0045	0.0056	0.0165	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	$g/m^2/year$
		Comercial/Industrial Max	0.0029	0.0021	0.0003	0.0213	0.0098	0.0011	0.0054	0.0070	0.0134	0.0677	0.0008	0.0009	0.0007	0.0007	0.0006	0.0009	0.0004	0.0008	0.0005	0.0006	0.0008	0.0007	0.0007	0.0007	0.0033	$g/m^2/year$
		Residential Max	0.0084	0.0057	0.0010	0.0261	0.0172	0.0025	0.0107	0.0148	0.0166	0.0534	0.0028	0.0036	0.0024	0.0024	0.0022	0.0035	0.0021	0.0031	0.0018	0.0023	0.0034	0.0025	0.0024	0.0025	0.0079	$g/m^2/year$
		Grid Max	0.0127	0.0087	0.0011	0.0386	0.0214	0.0030	0.0128	0.0177	0.0273	0.1227	0.0040	0.0049	0.0036	0.0036	0.0033	0.0047	0.0022	0.0044	0.0027	0.0034	0.0042	0.0037	0.0036	0.0037	0.0090	$g/m^2/year$
357.58	6368.435	Recreational	0.0010	0.0007	0.0002	0.0077	0.0045	0.0006	0.0029	0.0038	0.0050	0.0155	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0020	$g/m^2/year$
356.436	6368.332	Recreational	0.0011	0.0008	0.0002	0.0087	0.0052	0.0007	0.0034	0.0045	0.0056	0.0165	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	$g/m^2/year$
358.174	6369.639	Comercial/Industrial Workers	0.0010	0.0007	0.0001	0.0096	0.0051	0.0007	0.0031	0.0042	0.0058	0.0242	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	$g/m^2/year$
357.561	6369.198	Comercial/Industrial Workers	0.0017	0.0011	0.0001	0.0118	0.0065	0.0009	0.0023	0.0041	0.0051	0.0669	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0012	$g/m^2/year$
356.415	6368.854	Comercial/Industrial Workers	0.0015	0.0011	0.0002	0.0131	0.0069	0.0009	0.0044	0.0060	0.0083	0.0303	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0030	$g/m^2/year$
357.334	6369.03	Comercial/Industrial Workers	0.0007	0.0004	0.0001	0.0071	0.0047	0.0007	0.0023	0.0038	0.0029	0.0296	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	$g/m^2/year$
357.197	6368.893	Comercial/Industrial Workers	0.0013	0.0009	0.0001	0.0124	0.0064	0.0008	0.0036	0.0050	0.0074	0.0376	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0024	$g/m^2/year$
357.045	6368.81	Comercial/Industrial Workers	0.0015	0.0012	0.0002	0.0148	0.0067	0.0009	0.0042	0.0053	0.0102	0.0351	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	$g/m^2/year$
356.931	6368.707	Comercial/Industrial Workers	0.0015	0.0011	0.0002	0.0130	0.0064	0.0008	0.0042	0.0052	0.0090	0.0279	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0028	$g/m^2/year$
356.684	6368.52	Comercial/Industrial Workers	0.0014	0.0010	0.0002	0.0105	0.0058	0.0008	0.0038	0.0048	0.0071	0.0209	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0027	$g/m^2/year$
357.128	6369.008	Comercial/Industrial Workers	0.0012	0.0009	0.0001	0.0119	0.0056	0.0007	0.0030	0.0039	0.0073	0.0431	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	$g/m^2/year$
356.83	6368.83	Comercial/Industrial Workers	0.0018	0.0013	0.0002	0.0155	0.0077	0.0009	0.0050	0.0062	0.0106	0.0346	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0033	$g/m^2/year$
356.685	6368.72	Comercial/Industrial Workers	0.0017	0.0013	0.0002	0.0137	0.0069	0.0009	0.0045	0.0057	0.0092	0.0288	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0030	$g/m^2/year$
356.613	6368.628	Comercial/Industrial Workers	0.0016	0.0012	0.0002	0.0120	0.0063	0.0009	0.0041	0.0052	0.0080	0.0244	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0027	$g/m^2/year$
356.516	6368.586	Comercial/Industrial Workers	0.0016	0.0011	0.0002	0.0112	0.0059	0.0008	0.0038	0.0049	0.0075	0.0227	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	$g/m^2/year$
356.449	6368.556	Comercial/Industrial Workers	0.0015	0.0011	0.0002	0.0106	0.0057	0.0008	0.0037	0.0048	0.0071	0.0214	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0025	$g/m^2/year$
356.339	6368.549	Comercial/Industrial Workers	0.0016	0.0011	0.0002	0.0106	0.0056	0.0008	0.0037	0.0047	0.0072	0.0211	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0025	$g/m^2/year$
356.361	6368.657	Comercial/Industrial Workers	0.0018	0.0013	0.0002	0.0123	0.0061	0.0008	0.0040	0.0050	0.0086	0.0254	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0005	0.0026	$g/m^2/year$
356.465	6368.736	Comercial/Industrial Workers	0.0018	0.0013	0.0002	0.0127	0.0064	0.0009	0.0042	0.0054	0.0085	0.0277	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0028	$g/m^2/year$
356.4	6368.765	Comercial/Industrial Workers	0.0017	0.0012	0.0002	0.0127	0.0065	0.0009	0.0042	0.0055	0.0084	0.0281	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0028	$g/m^2/year$
356.345	6368.783	Comercial/Industrial Workers	0.0016	0.0012	0.0002	0.0125	0.0065	0.0009	0.0042	0.0055	0.0082	0.0278	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0028	$g/m^2/year$
356.715	6369.08	Comercial/Industrial Workers	0.0018	0.0013	0.0002	0.0180	0.0085	0.0010	0.0051	0.0066	0.0116	0.0509	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	$g/m^2/year$
356.929	6369.037	Comercial/Industrial Workers	0.0019	0.0014	0.0001	0.0184	0.0077	0.0009	0.0045	0.0053	0.0125	0.0567	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0025	$g/m^2/year$
356.777	6369.278	Comercial/Industrial Workers	0.0021	0.0015	0.0002	0.0213	0.0098	0.0011	0.0054	0.0070	0.0134	0.0677	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0032	$g/m^2/year$
356.94	6368.565	Comercial/Industrial Workers	0.0012	0.0009	0.0002	0.0107	0.0055	0.0007	0.0036	0.0046	0.0073	0.0222	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0024	$g/m^2/year$
357.099	6368.457	Comercial/Industrial Workers	0.0010	0.0007	0.0002	0.0085	0.0048	0.0007	0.0031	0.0041	0.0055	0.0176	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0022	$g/m^2/year$
357.185	6368.422	Comercial/Industrial Workers	0.0010	0.0007	0.0002	0.0081	0.0046	0.0006	0.0030	0.0040	0.0053	0.0167	0.0003	0.0004	0.0002	0.0002	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0002	0.0002	0.0003	0.0021	$g/m^2/year$
357.249	6368.456	Comercial/Industrial Workers	0.0010	0.0007	0.0002	0.0084	0.0047	0.0006	0.0031	0.0040	0.0055	0.0175	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0022	$g/m^2/year$
357.147	6368.711	Comercial/Industrial Workers	0.0013	0.0010	0.0002	0.0115	0.0059	0.0008	0.0038	0.0050	0.0075	0.0263	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	$g/m^2/year$
357.23	6368.778	Comercial/Industrial Workers	0.0014	0.0010	0.0002	0.0125	0.0064	0.0008	0.0039	0.0052	0.0079	0.0312	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	$g/m^2/year$
357.273	6368.674	Comercial/Industrial Workers	0.0013	0.0010	0.0002	0.0110	0.0057	0.0008	0.0037	0.0048	0.0072	0.0248	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	$g/m^2/year$
357.289	6368.586	Comercial/Industrial Workers	0.0012	0.0009	0.0002	0.0097	0.0053	0.0007	0.0034	0.0045	0.0063	0.0209	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	$g/m^2/year$
357.31	6368.559	Comercial/Industrial Workers	0.0012	0.0008	0.0002	0.0094	0.0052	0.0007	0.0034	0.0044	0.0061	0.0202	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	$g/m^2/year$
357.313	6368.537	Comercial/Industrial Workers	0.0011	0.0008	0.0002	0.0091	0.0051	0.0007	0.0033	0.0043	0.0059	0.0197	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	$g/m^2/year$
357.25	6368.476	Comercial/Industrial Workers	0.0010	0.0007	0.0002	0.0086	0.0048	0.0006	0.0032	0.0041	0.0056	0.0180	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0022	$g/m^2/year$
357.293	6368.816	Comercial/Industrial Workers	0.0014	0.0010	0.0002	0.0132	0.0066	0.0009	0.0040	0.0054	0.0083	0.0344	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	$g/m^2/year$
357.355	6368.742	Comercial/Industrial Workers	0.0014	0.0010	0.0002	0.0122	0.0062	0.0008	0.0039	0.0051	0.0079	0.0299	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	$g/m^2/year$
357.331	6368.688	Comercial/Industrial Workers	0.0013	0.0010	0.0002	0.0113	0.0058	0.0008	0.0037	0.0048	0.0074	0.0262	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	$g/m^2/year$
357.374	6368.597	Comercial/Industrial Workers	0.0012	0.0009	0.0002	0.0097	0.0053	0.0007	0.0034	0.0045	0.0063	0.0212	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	$g/m^2/year$
357.387	6368.536	Comercial/Industrial Workers	0.0011	0.0008	0.0002	0.0089	0.0050	0.0007	0.0032	0.0042	0.0058	0.0194	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	$g/m^2/year$
357.398	6368.518	Comercial/Industrial Workers	0.0011	0.0008	0.0002	0.0087	0.0049	0.0006	0.0032	0.0042	0.0056	0.0188	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0022	$g/m^2/year$
357.48	6368.755	Comercial/Industrial Workers	0.0016	0.0012	0.0002	0.0129	0.0064	0.0009	0.0040	0.0053	0.0084	0.0308	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0026	$g/m^2/year$
357.476	6368.675	Comercial/Industrial Workers	0.0014	0.0010	0.0002	0.0108	0.0057	0.0008	0.0036	0.0048	0.0070	0.0242	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	$g/m^2/year$
357.577	6368.662	Comercial/Industrial Workers	0.0016	0.0012	0.0002	0.0111	0.0059	0.0008	0.0037	0.0050	0.0072	0.0233	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0025	$g/m^2/year$
357.626	6368.787	Comercial/Industrial Workers	0.0029	0.0021	0.0003	0.0173	0.0081	0.0011	0.0050	0.0066	0.0117	0.0362	0.0008	0.0009	0.0007	0.0007	0.0006	0.0009	0.0004	0.0008	0.0005	0.0006	0.0008	0.0007	0.0007	0.0007	0.0031	$g/m^2/year$
357.692	6368.687	Comercial/Industrial Workers	0.0025	0.0018	0.0003	0.0134	0.0071	0.0010	0.0044	0.0061	0.0087	0.0264	0.0008	0.0009	0.0007	0.0007	0.0006	0.0009	0.0004	0.0008	0.0005	0.0006	0.0008	0.0007	0.0007	0.0007	0.0030	$g/m^2/year$

358.308	6368.785	School Tafe	0.0075	0.0049	0.0010	0.0259	0.0172	0.0025	0.0107	0.0148	0.0151	0.0534	0.0028	0.0036	0.0024	0.0024	0.0022	0.0035	0.0021	0.0031	0.0018	0.0022	0.0034	0.0024	0.0024	0.0024	0.0079	$s/m^2/year$
358.517	6368.924	Residential	0.0035	0.0024	0.0005	0.0175	0.0119	0.0017	0.0076	0.0104	0.0100	0.0383	0.0012	0.0015	0.0010	0.0010	0.0009	0.0014	0.0009	0.0013	0.0007	0.0009	0.0014	0.0010	0.0010	0.0010	0.0058	$s/m^2/year$
358.402	6368.881	Residential	0.0054	0.0036	0.0008	0.0214	0.0151	0.0021	0.0097	0.0131	0.0121	0.0459	0.0020	0.0026	0.0016	0.0016	0.0015	0.0025	0.0016	0.0022	0.0013	0.0016	0.0026	0.0017	0.0016	0.0017	0.0074	$s/m^2/year$
358.091	6368.749	Residential	0.0084	0.0057	0.0008	0.0261	0.0151	0.0022	0.0095	0.0129	0.0166	0.0518	0.0028	0.0035	0.0024	0.0024	0.0022	0.0033	0.0017	0.0031	0.0018	0.0023	0.0031	0.0025	0.0024	0.0025	0.0066	$s/m^2/year$
358.021	6368.716	Residential	0.0069	0.0048	0.0007	0.0223	0.0128	0.0019	0.0080	0.0110	0.0141	0.0432	0.0023	0.0028	0.0020	0.0020	0.0018	0.0027	0.0014	0.0025	0.0015	0.0019	0.0025	0.0020	0.0020	0.0020	0.0055	$s/m^2/year$
357.945	6368.69	Residential	0.0056	0.0039	0.0005	0.0192	0.0109	0.0016	0.0068	0.0094	0.0122	0.0365	0.0018	0.0022	0.0016	0.0016	0.0014	0.0021	0.0011	0.0020	0.0012	0.0015	0.0019	0.0016	0.0016	0.0016	0.0047	$s/m^2/year$
357.86	6368.642	Residential	0.0037	0.0025	0.0004	0.0149	0.0083	0.0012	0.0052	0.0072	0.0095	0.0279	0.0012	0.0015	0.0010	0.0010	0.0009	0.0014	0.0007	0.0013	0.0008	0.0010	0.0013	0.0011	0.0010	0.0011	0.0036	$s/m^2/year$
357.777	6368.612	Residential	0.0025	0.0018	0.0003	0.0121	0.0067	0.0010	0.0043	0.0058	0.0078	0.0233	0.0008	0.0010	0.0007	0.0007	0.0006	0.0009	0.0005	0.0009	0.0005	0.0007	0.0009	0.0007	0.0007	0.0007	0.0029	$s/m^2/year$
357.675	6368.56	Residential	0.0016	0.0011	0.0002	0.0096	0.0054	0.0008	0.0035	0.0047	0.0061	0.0192	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0024	$s/m^2/year$
357.587	6368.524	Residential	0.0012	0.0009	0.0002	0.0088	0.0050	0.0007	0.0032	0.0043	0.0056	0.0180	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0022	$s/m^2/year$
357.503	6368.491	Residential	0.0011	0.0008	0.0002	0.0082	0.0047	0.0006	0.0030	0.0040	0.0053	0.0172	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0021	$s/m^2/year$
357.428	6368.461	Residential	0.0010	0.0007	0.0002	0.0081	0.0046	0.0006	0.0030	0.0039	0.0052	0.0172	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0021	$s/m^2/year$
357.365	6368.424	Residential	0.0010	0.0007	0.0002	0.0081	0.0045	0.0006	0.0029	0.0038	0.0053	0.0170	0.0003	0.0004	0.0002	0.0002	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0002	0.0002	0.0003	0.0021	$s/m^2/year$
357.311	6368.395	Residential	0.0009	0.0007	0.0002	0.0079	0.0044	0.0006	0.0029	0.0038	0.0052	0.0164	0.0003	0.0004	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
357.23	6368.368	Residential	0.0009	0.0006	0.0002	0.0076	0.0044	0.0006	0.0029	0.0037	0.0050	0.0156	0.0003	0.0004	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
357.149	6368.326	Residential	0.0008	0.0006	0.0001	0.0074	0.0043	0.0006	0.0029	0.0037	0.0048	0.0149	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
357.094	6368.304	Residential	0.0008	0.0006	0.0001	0.0073	0.0043	0.0006	0.0028	0.0037	0.0047	0.0147	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
357.041	6368.276	Residential	0.0008	0.0006	0.0001	0.0072	0.0042	0.0006	0.0028	0.0036	0.0047	0.0145	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
356.976	6368.254	Residential	0.0008	0.0005	0.0001	0.0071	0.0042	0.0006	0.0028	0.0036	0.0047	0.0142	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
356.911	6368.233	Residential	0.0008	0.0005	0.0001	0.0072	0.0042	0.0006	0.0028	0.0036	0.0047	0.0141	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
356.774	6368.158	Residential	0.0007	0.0005	0.0001	0.0072	0.0043	0.0006	0.0028	0.0037	0.0047	0.0138	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
356.689	6368.137	Residential	0.0007	0.0005	0.0001	0.0072	0.0043	0.0006	0.0029	0.0038	0.0047	0.0139	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	$s/m^2/year$
356.744	6367.995	Residential	0.0006	0.0004	0.0001	0.0064	0.0040	0.0005	0.0027	0.0035	0.0041	0.0122	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0020	$s/m^2/year$
356.851	6368.027	Residential	0.0006	0.0004	0.0001	0.0062	0.0038	0.0005	0.0026	0.0034	0.0040	0.0120	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
356.949	6368.066	Residential	0.0006	0.0004	0.0001	0.0063	0.0038	0.0005	0.0026	0.0033	0.0040	0.0121	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
357.038	6368.11	Residential	0.0007	0.0005	0.0001	0.0064	0.0039	0.0005	0.0026	0.0034	0.0041	0.0125	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
357.112	6368.139	Residential	0.0007	0.0005	0.0001	0.0064	0.0039	0.0005	0.0026	0.0034	0.0041	0.0127	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
357.186	6368.176	Residential	0.0007	0.0005	0.0001	0.0065	0.0039	0.0005	0.0026	0.0034	0.0042	0.0130	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
357.28	6368.261	Residential	0.0008	0.0006	0.0001	0.0069	0.0040	0.0005	0.0026	0.0034	0.0045	0.0141	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
357.369	6368.254	Residential	0.0008	0.0005	0.0001	0.0069	0.0040	0.0005	0.0026	0.0034	0.0045	0.0139	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	$s/m^2/year$
357.43	6368.28	Residential	0.0008	0.0006	0.0001	0.0068	0.0040	0.0005	0.0026	0.0034	0.0044	0.0138	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
357.59	6368.343	Residential	0.0009	0.0006	0.0001	0.0069	0.0041	0.0006	0.0027	0.0036	0.0044	0.0136	0.0003	0.0004	0.0002	0.0002	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0002	0.0003	0.0019	$s/m^2/year$
357.673	6368.385	Residential	0.0010	0.0007	0.0002	0.0073	0.0043	0.0006	0.0028	0.0038	0.0046	0.0141	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0020	$s/m^2/year$
357.748	6368.412	Residential	0.0012	0.0008	0.0002	0.0076	0.0046	0.0007	0.0030	0.0040	0.0048	0.0146	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0021	$s/m^2/year$
357.804	6368.446	Residential	0.0014	0.0010	0.0002	0.0084	0.0050	0.0007	0.0033	0.0044	0.0053	0.0159	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0023	$s/m^2/year$
357.885	6368.483	Residential	0.0019	0.0013	0.0003	0.0100	0.0059	0.0009	0.0038	0.0053	0.0063	0.0186	0.0007	0.0008	0.0006	0.0006	0.0005	0.0008	0.0004	0.0007	0.0004	0.0006	0.0007	0.0006	0.0006	0.0006	0.0027	$s/m^2/year$
357.973	6368.502	Residential	0.0025	0.0017	0.0003	0.0114	0.0069	0.0010	0.0044	0.0061	0.0070	0.0209	0.0009	0.0011	0.0008	0.0008	0.0007	0.0011	0.0005	0.0010	0.0006	0.0007	0.0010	0.0008	0.0008	0.0008	0.0031	$s/m^2/year$
358.079	6368.556	Residential	0.0038	0.0026	0.0004	0.0145	0.0089	0.0013	0.0057	0.0079	0.0089	0.0269	0.0013	0.0016	0.0011	0.0011	0.0010	0.0016	0.0008	0.0014	0.0009	0.0011	0.0015	0.0012	0.0011	0.0012	0.0041	$s/m^2/year$
358.157	6368.589	Residential	0.0047	0.0032	0.0005	0.0173	0.0106	0.0016	0.0068	0.0094	0.0106	0.0325	0.0016	0.0020	0.0014	0.0014	0.0013	0.0020	0.0010	0.0018	0.0011	0.0013	0.0018	0.0014	0.0014	0.0014	0.0049	$s/m^2/year$
358.449	6368.729	Residential	0.0051	0.0032	0.0007	0.0216	0.0150	0.0022	0.0095	0.0131	0.0123	0.0439	0.0020	0.0025	0.0017	0.0017	0.0016	0.0024	0.0013	0.0022	0.0013	0.0016	0.0023	0.0017	0.0017	0.0017	0.0071	$s/m^2/year$
358.547	6368.77	Residential	0.0035	0.0022	0.0005	0.0188	0.0136	0.0020	0.0088	0.0121	0.0103	0.0391	0.0014	0.0018	0.0012	0.0012	0.0011	0.0017	0.0010	0.0015	0.0009	0.0011	0.0017	0.0012	0.0012	0.0012	0.0068	$s/m^2/year$
358.615	6368.712	Residential	0.0028	0.0018	0.0005	0.0176	0.0127	0.0019	0.0083	0.0114	0.0097	0.0360	0.0011	0.0014	0.0009	0.0009	0.0009	0.0013	0.0008	0.0012	0.0007	0.0009	0.0013	0.0010	0.0009	0.0010	0.0064	$s/m^2/year$
358.538	6368.685	Residential	0.0038	0.0024	0.0005	0.0198	0.0138	0.0021	0.0088	0.0122	0.0112	0.0399	0.0015	0.0019	0.0013	0.0013	0.0012	0.0018	0.0010	0.0016	0.0010	0.0012	0.0017	0.0013	0.0013	0.0013	0.0067	$s/m^2/year$
358.477	6368.653	Residential	0.0045	0.0029	0.0006	0.0206	0.0137	0.0020	0.0087	0.0120	0.0121	0.0406	0.0017	0.0021	0.0014	0.0015	0.0013	0.0020	0.0011	0.0019	0.0011	0.0014	0.0019	0.0015	0.0015	0.0015	0.0065	$s/m^2/year$
358.378	6368.621	Residential	0.0051	0.0034	0.0006	0.0206	0.0130	0.0019	0.0084	0.0115	0.0126	0.0394	0.0018	0.0023	0.0016	0.0016	0.0015	0.0022	0.0012	0.0020	0.0012	0.0015	0.0021	0.0016	0.0016	0.0016	0.0061	$s/m^2/year$
358.278	6368.577	Residential	0.0047	0.0032	0.0006	0.0181	0.0114	0.0017	0.0073	0.0101	0.0111	0.0341	0.0017	0.0021	0.0014	0.0014	0.0013	0.0020	0.0011	0.0018	0.0011	0.0014	0.0019	0.0015	0.0014	0.0015	0.0053	$s/m^2/year$
358.17	6368.525	Residential	0.0037	0.0025	0.0004	0.0146	0.0092	0.0014	0.0059	0.0082	0.0089	0.0269	0.0013	0.0016	0.0011	0.0011	0.0010	0.0016	0.0008	0.0014	0.0008	0.0011	0.0015	0.0011	0.0011	0.0012	0.0043	$s/m^2/year$
358.082	6368.483	Residential	0.0028	0.0019	0.0003	0.0121	0.0075	0.0011	0.0048	0.0067	0.0073	0.0220	0.0010	0.0012	0.0009	0.0009	0.0008	0.0012	0.0006	0.0011	0.0006	0.0008	0.0011	0.0009	0.0009	0.0009	0.0035	$s/m^2/year$
357.98	6368.446	Residential	0.0020	0.0014	0.0003	0.0101	0.0062	0.0009	0.0040	0.0055	0.0062	0.0184	0.0007	0.0009	0.0006	0.0006	0.0006	0.0009	0.0005	0.0008	0.0005	0.0006	0.0008	0.0006	0.0006	0.0006	0.0029	$s/m^2/year$
357.894	6368.403	Residential	0.0015	0.0010	0.0002	0.0085	0.0052	0.0008	0.0034	0.0046	0.0053	0.0158	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0004	0.0005	0.0024	$s/m^2/year$
357.833	6368.376	Residential	0.0012	0.0008	0.0002	0.0076	0.0046	0.0007	0.0030	0.0041	0.0047	0.0143	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0022	$s/m^2/year$
357.748	6368.337	Residential	0.0010	0.0007	0.0002	0.0069	0.0042	0.0006	0.0027	0.0037	0.0043	0.0131	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0020	$s/m^2/year$
357.653	6368.335	Residential	0.0009	0.0006	0.0002	0.0069	0.0041	0.0006	0.0027	0.0036	0.0044	0.0133	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0019	$s/m^2/year$
357.575	6368.282	Residential	0.0008	0.0006	0.0001	0.0065	0.0039	0.0005	0.0026	0.0034	0.0041	0.0128	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	$s/m^2/year$
357.512	6368.248	Residential	0.0008	0.0005	0.0001	0.0063	0.0038	0.0005	0.0025	0.0033	0.0040	0.0126	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	$s/m^2/year$

357.444	6368.222	Residential	0.0007	0.0005	0.0001	0.0064	0.0038	0.0005	0.0025	0.0033	0.0041	0.0130	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.392	6368.197	Residential	0.0007	0.0005	0.0001	0.0065	0.0038	0.0005	0.0025	0.0033	0.0042	0.0130	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.313	6368.176	Residential	0.0007	0.0005	0.0001	0.0065	0.0038	0.0005	0.0025	0.0033	0.0042	0.0130	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.248	6368.141	Residential	0.0007	0.0005	0.0001	0.0063	0.0037	0.0005	0.0025	0.0032	0.0040	0.0125	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.195	6368.111	Residential	0.0007	0.0005	0.0001	0.0061	0.0037	0.0005	0.0025	0.0032	0.0039	0.0122	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.124	6368.079	Residential	0.0006	0.0004	0.0001	0.0061	0.0038	0.0005	0.0025	0.0033	0.0039	0.0121	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.042	6368.056	Residential	0.0006	0.0004	0.0001	0.0062	0.0038	0.0005	0.0025	0.0033	0.0039	0.0120	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
356.934	6367.994	Residential	0.0006	0.0004	0.0001	0.0060	0.0037	0.0005	0.0025	0.0033	0.0038	0.0116	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
356.834	6367.961	Residential	0.0006	0.0004	0.0001	0.0060	0.0038	0.0005	0.0026	0.0033	0.0038	0.0115	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0019	s/m^2/year
356.761	6367.924	Residential	0.0005	0.0004	0.0001	0.0061	0.0038	0.0005	0.0026	0.0035	0.0038	0.0115	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0020	s/m^2/year
356.971	6368.344	Residential	0.0009	0.0006	0.0001	0.0077	0.0045	0.0006	0.0029	0.0038	0.0051	0.0156	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
356.884	6368.289	Residential	0.0008	0.0006	0.0001	0.0077	0.0044	0.0006	0.0029	0.0038	0.0051	0.0152	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
356.797	6368.271	Residential	0.0009	0.0006	0.0001	0.0079	0.0045	0.0006	0.0030	0.0038	0.0052	0.0155	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
356.718	6368.249	Residential	0.0009	0.0006	0.0001	0.0078	0.0046	0.0006	0.0030	0.0039	0.0051	0.0153	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
356.655	6368.227	Residential	0.0008	0.0006	0.0001	0.0076	0.0046	0.0006	0.0030	0.0040	0.0050	0.0150	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
356.62	6368.373	Residential	0.0011	0.0008	0.0002	0.0088	0.0051	0.0007	0.0034	0.0044	0.0058	0.0171	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.685	6368.372	Residential	0.0011	0.0008	0.0002	0.0087	0.0050	0.0007	0.0033	0.0043	0.0058	0.0173	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0003	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.733	6368.41	Residential	0.0011	0.0008	0.0002	0.0091	0.0051	0.0007	0.0034	0.0043	0.0061	0.0183	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.811	6368.454	Residential	0.0011	0.0008	0.0002	0.0094	0.0052	0.0007	0.0034	0.0043	0.0064	0.0192	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
356.873	6368.504	Residential	0.0012	0.0009	0.0002	0.0100	0.0053	0.0007	0.0034	0.0044	0.0068	0.0205	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.467	6368.789	Residential	0.0016	0.0012	0.0002	0.0135	0.0067	0.0009	0.0041	0.0054	0.0087	0.0338	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0026	s/m^2/year
357.091	6370	Residential	0.0015	0.0010	0.0002	0.0144	0.0075	0.0009	0.0045	0.0059	0.0087	0.0400	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357.742	6369.959	Residential	0.0008	0.0006	0.0001	0.0086	0.0044	0.0006	0.0026	0.0034	0.0053	0.0239	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
358.088	6370.204	Residential	0.0006	0.0005	0.0001	0.0067	0.0037	0.0005	0.0024	0.0031	0.0042	0.0164	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0017	s/m^2/year
358.155	6370.188	Residential	0.0006	0.0004	0.0001	0.0066	0.0037	0.0005	0.0024	0.0032	0.0041	0.0161	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0017	s/m^2/year
358.206	6370.073	Residential	0.0007	0.0005	0.0001	0.0070	0.0041	0.0006	0.0026	0.0035	0.0042	0.0170	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
358.314	6370.02	Residential	0.0008	0.0005	0.0001	0.0077	0.0043	0.0006	0.0028	0.0037	0.0048	0.0184	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
358.403	6369.962	Residential	0.0008	0.0006	0.0001	0.0078	0.0044	0.0006	0.0029	0.0038	0.0048	0.0183	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
356.494	6369.541	Residential	0.0016	0.0011	0.0002	0.0161	0.0091	0.0012	0.0057	0.0079	0.0093	0.0407	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0040	s/m^2/year
356.574	6369.476	Residential	0.0017	0.0012	0.0002	0.0178	0.0099	0.0013	0.0060	0.0084	0.0103	0.0472	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0042	s/m^2/year
356.38	6369.869	Residential	0.0014	0.0010	0.0002	0.0141	0.0079	0.0011	0.0049	0.0068	0.0084	0.0340	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.336	6369.757	Residential	0.0013	0.0009	0.0002	0.0136	0.0078	0.0011	0.0049	0.0068	0.0081	0.0320	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0034	s/m^2/year
356.373	6369.623	Residential	0.0014	0.0010	0.0002	0.0145	0.0084	0.0011	0.0053	0.0074	0.0084	0.0347	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.391	6369.531	Residential	0.0015	0.0010	0.0002	0.0154	0.0089	0.0012	0.0057	0.0080	0.0089	0.0373	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0041	s/m^2/year
356.403	6369.464	Residential	0.0015	0.0010	0.0002	0.0162	0.0094	0.0013	0.0060	0.0085	0.0093	0.0391	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0043	s/m^2/year
356.372	6369.291	Residential	0.0017	0.0011	0.0002	0.0172	0.0096	0.0013	0.0060	0.0085	0.0101	0.0417	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0042	s/m^2/year
356.369	6369.239	Residential	0.0016	0.0011	0.0002	0.0169	0.0091	0.0013	0.0058	0.0080	0.0102	0.0408	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0040	s/m^2/year
356.357	6369.176	Residential	0.0016	0.0011	0.0002	0.0160	0.0085	0.0012	0.0054	0.0075	0.0098	0.0380	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.351	6369.137	Residential	0.0015	0.0011	0.0002	0.0156	0.0083	0.0011	0.0052	0.0072	0.0096	0.0370	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.347	6369.082	Residential	0.0015	0.0010	0.0002	0.0153	0.0081	0.0011	0.0051	0.0070	0.0094	0.0363	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.342	6369.032	Residential	0.0015	0.0010	0.0002	0.0148	0.0078	0.0011	0.0049	0.0067	0.0092	0.0351	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.331	6368.986	Residential	0.0014	0.0010	0.0002	0.0144	0.0075	0.0010	0.0048	0.0065	0.0090	0.0336	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.319	6368.942	Residential	0.0014	0.0010	0.0002	0.0138	0.0073	0.0010	0.0046	0.0063	0.0087	0.0317	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0031	s/m^2/year
356.305	6368.889	Residential	0.0014	0.0010	0.0002	0.0130	0.0069	0.0010	0.0044	0.0061	0.0082	0.0294	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.296	6368.839	Residential	0.0015	0.0010	0.0002	0.0124	0.0066	0.0009	0.0043	0.0058	0.0079	0.0278	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.292	6368.788	Residential	0.0016	0.0011	0.0002	0.0122	0.0064	0.0009	0.0041	0.0055	0.0080	0.0272	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.282	6368.739	Residential	0.0018	0.0013	0.0002	0.0125	0.0063	0.0009	0.0041	0.0053	0.0085	0.0273	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.272	6368.708	Residential	0.0019	0.0014	0.0002	0.0128	0.0063	0.0008	0.0041	0.0053	0.0089	0.0275	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.268	6368.642	Residential	0.0019	0.0014	0.0002	0.0127	0.0062	0.0008	0.0041	0.0050	0.0090	0.0261	0.0005	0.0007	0.0004	0.0004	0.0004	0.0006	0.0004	0.0006	0.0003	0.0004	0.0006	0.0005	0.0004	0.0005	0.0027	s/m^2/year
356.261	6368.592	Residential	0.0018	0.0013	0.0002	0.0120	0.0060	0.0008	0.0039	0.0049	0.0085	0.0240	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0004	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.248	6368.564	Residential	0.0017	0.0012	0.0002	0.0115	0.0058	0.0008	0.0038	0.0048	0.0081	0.0228	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.249	6368.483	Residential	0.0014	0.0010	0.0002	0.0099	0.0054	0.0007	0.0036	0.0046	0.0067	0.0193	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0025	s/m^2/year
356.238	6368.431	Residential	0.0013	0.0009	0.0002	0.0092	0.0052	0.0007	0.0034	0.0045	0.0061	0.0178	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0003	0.0004	0.0024	s/m^2/year
356.226	6368.383	Residential	0.0011	0.0008	0.0002	0.0087	0.0051	0.0007	0.0034	0.0044	0.0057	0.0167	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.218	6368.327	Residential	0.0011	0.0007	0.0002	0.0084	0.0050	0.0007	0.0033	0.0044	0.0054	0.0160	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year

356.213	6368.278	Residential	0.0010	0.0007	0.0002	0.0082	0.0050	0.0007	0.0033	0.0044	0.0052	0.0156	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.206	6368.229	Residential	0.0009	0.0006	0.0002	0.0081	0.0050	0.0007	0.0033	0.0044	0.0051	0.0152	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.194	6368.176	Residential	0.0009	0.0006	0.0002	0.0080	0.0050	0.0007	0.0033	0.0045	0.0050	0.0148	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
355.951	6368.107	Residential	0.0008	0.0005	0.0001	0.0076	0.0050	0.0007	0.0034	0.0046	0.0046	0.0139	0.0003	0.0004	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0025	s/m^2/year
355.962	6368.172	Residential	0.0009	0.0006	0.0002	0.0078	0.0050	0.0007	0.0034	0.0045	0.0048	0.0143	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
355.977	6368.227	Residential	0.0009	0.0006	0.0002	0.0080	0.0051	0.0007	0.0034	0.0045	0.0050	0.0149	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
355.99	6368.271	Residential	0.0010	0.0007	0.0002	0.0083	0.0051	0.0007	0.0034	0.0045	0.0053	0.0155	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356	6368.344	Residential	0.0011	0.0008	0.0002	0.0089	0.0052	0.0007	0.0035	0.0045	0.0058	0.0167	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356.008	6368.379	Residential	0.0012	0.0009	0.0002	0.0093	0.0053	0.0007	0.0035	0.0045	0.0062	0.0176	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356.013	6368.421	Residential	0.0013	0.0010	0.0002	0.0099	0.0055	0.0008	0.0036	0.0046	0.0068	0.0188	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0003	0.0004	0.0025	s/m^2/year
356.018	6368.464	Residential	0.0015	0.0011	0.0002	0.0106	0.0056	0.0008	0.0037	0.0046	0.0073	0.0203	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0025	s/m^2/year
356.022	6368.52	Residential	0.0016	0.0012	0.0002	0.0114	0.0058	0.0008	0.0038	0.0047	0.0080	0.0222	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0025	s/m^2/year
356.036	6368.58	Residential	0.0018	0.0013	0.0002	0.0120	0.0060	0.0008	0.0039	0.0048	0.0084	0.0240	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.05	6368.626	Residential	0.0018	0.0013	0.0002	0.0122	0.0061	0.0008	0.0040	0.0049	0.0086	0.0252	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.055	6368.677	Residential	0.0018	0.0013	0.0002	0.0121	0.0061	0.0008	0.0040	0.0050	0.0084	0.0258	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.06	6368.726	Residential	0.0018	0.0013	0.0002	0.0119	0.0061	0.0008	0.0040	0.0051	0.0081	0.0257	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.074	6368.773	Residential	0.0016	0.0012	0.0002	0.0117	0.0061	0.0009	0.0040	0.0053	0.0077	0.0254	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.084	6368.829	Residential	0.0015	0.0010	0.0002	0.0115	0.0062	0.0009	0.0040	0.0055	0.0073	0.0252	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.089	6368.879	Residential	0.0014	0.0010	0.0002	0.0116	0.0064	0.0009	0.0041	0.0057	0.0072	0.0259	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0003	0.0004	0.0029	s/m^2/year
356.102	6368.924	Residential	0.0013	0.0009	0.0002	0.0120	0.0066	0.0009	0.0043	0.0059	0.0074	0.0270	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
356.108	6368.984	Residential	0.0013	0.0009	0.0002	0.0126	0.0069	0.0010	0.0044	0.0061	0.0078	0.0282	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.116	6369.023	Residential	0.0013	0.0009	0.0002	0.0129	0.0070	0.0010	0.0045	0.0062	0.0080	0.0289	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.128	6369.079	Residential	0.0013	0.0009	0.0002	0.0130	0.0072	0.0010	0.0046	0.0064	0.0080	0.0292	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.134	6369.126	Residential	0.0013	0.0009	0.0002	0.0132	0.0073	0.0010	0.0047	0.0066	0.0080	0.0296	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0033	s/m^2/year
356.139	6369.176	Residential	0.0013	0.0009	0.0002	0.0133	0.0075	0.0011	0.0048	0.0068	0.0080	0.0302	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0034	s/m^2/year
356.147	6369.22	Residential	0.0013	0.0009	0.0002	0.0137	0.0078	0.0011	0.0050	0.0070	0.0082	0.0313	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.162	6369.289	Residential	0.0014	0.0009	0.0002	0.0144	0.0083	0.0012	0.0054	0.0076	0.0085	0.0331	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.266	6369.536	Residential	0.0014	0.0009	0.0002	0.0145	0.0085	0.0012	0.0055	0.0078	0.0083	0.0338	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.5	6368.55	Gridded Receptor	0.0015	0.0011	0.0002	0.0107	0.0058	0.0008	0.0037	0.0048	0.0071	0.0215	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0025	s/m^2/year
356.55	6368.55	Gridded Receptor	0.0015	0.0011	0.0002	0.0108	0.0059	0.0008	0.0038	0.0049	0.0072	0.0218	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.6	6368.55	Gridded Receptor	0.0015	0.0011	0.0002	0.0110	0.0060	0.0008	0.0039	0.0050	0.0073	0.0220	0.0004	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.65	6368.55	Gridded Receptor	0.0015	0.0011	0.0002	0.0110	0.0060	0.0008	0.0039	0.0050	0.0074	0.0219	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.7	6368.55	Gridded Receptor	0.0014	0.0011	0.0002	0.0109	0.0059	0.0008	0.0039	0.0049	0.0074	0.0217	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.75	6368.55	Gridded Receptor	0.0014	0.0010	0.0002	0.0108	0.0058	0.0008	0.0038	0.0048	0.0074	0.0217	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0026	s/m^2/year
356.8	6368.55	Gridded Receptor	0.0013	0.0010	0.0002	0.0106	0.0056	0.0007	0.0037	0.0047	0.0073	0.0217	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356.85	6368.55	Gridded Receptor	0.0013	0.0010	0.0002	0.0106	0.0055	0.0007	0.0036	0.0046	0.0072	0.0219	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.9	6368.55	Gridded Receptor	0.0013	0.0009	0.0002	0.0106	0.0055	0.0007	0.0036	0.0045	0.0072	0.0219	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.95	6368.55	Gridded Receptor	0.0012	0.0009	0.0002	0.0104	0.0054	0.0007	0.0035	0.0045	0.0071	0.0215	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357	6368.55	Gridded Receptor	0.0012	0.0008	0.0002	0.0101	0.0054	0.0007	0.0035	0.0045	0.0067	0.0208	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.05	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0096	0.0053	0.0007	0.0034	0.0045	0.0063	0.0202	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.1	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0093	0.0052	0.0007	0.0034	0.0045	0.0060	0.0198	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.15	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0092	0.0052	0.0007	0.0034	0.0045	0.0059	0.0197	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.2	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0092	0.0052	0.0007	0.0034	0.0044	0.0060	0.0196	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.25	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0092	0.0052	0.0007	0.0034	0.0044	0.0060	0.0197	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.3	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0093	0.0051	0.0007	0.0033	0.0044	0.0060	0.0199	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.35	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0092	0.0051	0.0007	0.0033	0.0043	0.0060	0.0200	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.4	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0090	0.0050	0.0007	0.0033	0.0043	0.0058	0.0196	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.45	6368.55	Gridded Receptor	0.0011	0.0008	0.0002	0.0088	0.0050	0.0007	0.0032	0.0043	0.0056	0.0190	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.5	6368.55	Gridded Receptor	0.0012	0.0008	0.0002	0.0089	0.0050	0.0007	0.0032	0.0043	0.0057	0.0188	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.55	6368.55	Gridded Receptor	0.0012	0.0009	0.0002	0.0090	0.0051	0.0007	0.0033	0.0043	0.0058	0.0188	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.6	6368.55	Gridded Receptor	0.0013	0.0009	0.0002	0.0092	0.0052	0.0007	0.0033	0.0044	0.0059	0.0188	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0023	s/m^2/year
357.65	6368.55	Gridded Receptor	0.0014	0.0010	0.0002	0.0093	0.0053	0.0007	0.0034	0.0046	0.0060	0.0188	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0024	s/m^2/year
357.7	6368.55	Gridded Receptor	0.0016	0.0011	0.0002	0.0096	0.0054	0.0008	0.0035	0.0047	0.0062	0.0189	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0024	s/m^2/year
357.75	6368.55	Gridded Receptor	0.0018	0.0013	0.0002	0.0101	0.0057	0.0008	0.0037	0.0050	0.0065	0.0195	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0004	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0026	s/m^2/year
357.8	6368.55	Gridded Receptor	0.0021	0.0014	0.0003	0.0107	0.0061	0.0009	0.0039	0.0053	0.0069	0.0202	0.0007	0.0008	0.0006	0.0006	0.0005	0.0008	0.0004	0.0007	0.0004	0.0006	0.0007	0.0006	0.0006	0.0006	0.0027	s/m^2/year

357.85	6368.55	Gridded Receptor	0.0024	0.0016	0.0003	0.0114	0.0065	0.0010	0.0042	0.0057	0.0073	0.0212	0.0008	0.0010	0.0007	0.0007	0.0006	0.0009	0.0005	0.0009	0.0005	0.0007	0.0009	0.0007	0.0007	0.0007	0.0029	s/m^2/year
357.9	6368.55	Gridded Receptor	0.0026	0.0018	0.0003	0.0120	0.0070	0.0010	0.0045	0.0062	0.0076	0.0222	0.0009	0.0011	0.0008	0.0008	0.0007	0.0011	0.0005	0.0010	0.0006	0.0007	0.0010	0.0008	0.0008	0.0008	0.0031	s/m^2/year
357.95	6368.55	Gridded Receptor	0.0029	0.0020	0.0003	0.0126	0.0075	0.0011	0.0047	0.0066	0.0078	0.0231	0.0010	0.0013	0.0009	0.0009	0.0008	0.0012	0.0006	0.0011	0.0007	0.0008	0.0011	0.0009	0.0009	0.0009	0.0034	s/m^2/year
358	6368.55	Gridded Receptor	0.0032	0.0022	0.0004	0.0133	0.0080	0.0012	0.0051	0.0071	0.0082	0.0244	0.0011	0.0014	0.0010	0.0010	0.0009	0.0013	0.0007	0.0012	0.0007	0.0009	0.0012	0.0010	0.0010	0.0010	0.0036	s/m^2/year
356.5	6368.601	Gridded Receptor	0.0016	0.0012	0.0002	0.0113	0.0059	0.0008	0.0038	0.0049	0.0076	0.0231	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.55	6368.601	Gridded Receptor	0.0016	0.0011	0.0002	0.0114	0.0061	0.0008	0.0039	0.0051	0.0076	0.0234	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.6	6368.601	Gridded Receptor	0.0016	0.0011	0.0002	0.0116	0.0062	0.0008	0.0040	0.0051	0.0077	0.0235	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.65	6368.601	Gridded Receptor	0.0016	0.0011	0.0002	0.0117	0.0063	0.0008	0.0041	0.0052	0.0079	0.0237	0.0004	0.0006	0.0004	0.0004	0.0003	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.7	6368.601	Gridded Receptor	0.0016	0.0011	0.0002	0.0118	0.0062	0.0008	0.0041	0.0051	0.0080	0.0236	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.75	6368.601	Gridded Receptor	0.0015	0.0011	0.0002	0.0117	0.0061	0.0008	0.0040	0.0050	0.0080	0.0235	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.8	6368.601	Gridded Receptor	0.0015	0.0011	0.0002	0.0115	0.0059	0.0008	0.0039	0.0049	0.0079	0.0235	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.85	6368.601	Gridded Receptor	0.0014	0.0010	0.0002	0.0113	0.0058	0.0008	0.0038	0.0048	0.0078	0.0236	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0026	s/m^2/year
356.9	6368.601	Gridded Receptor	0.0013	0.0010	0.0002	0.0112	0.0058	0.0008	0.0037	0.0047	0.0077	0.0237	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356.95	6368.601	Gridded Receptor	0.0013	0.0010	0.0002	0.0112	0.0057	0.0008	0.0037	0.0047	0.0076	0.0234	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0108	0.0056	0.0008	0.0037	0.0047	0.0073	0.0226	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.05	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0103	0.0055	0.0007	0.0036	0.0047	0.0068	0.0217	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.1	6368.601	Gridded Receptor	0.0012	0.0008	0.0002	0.0099	0.0054	0.0007	0.0035	0.0046	0.0064	0.0211	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.15	6368.601	Gridded Receptor	0.0012	0.0008	0.0002	0.0098	0.0054	0.0007	0.0035	0.0046	0.0063	0.0210	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.2	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0097	0.0054	0.0007	0.0035	0.0046	0.0063	0.0210	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.25	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0098	0.0054	0.0007	0.0035	0.0046	0.0064	0.0211	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.3	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0099	0.0054	0.0007	0.0035	0.0045	0.0064	0.0215	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.35	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0098	0.0053	0.0007	0.0034	0.0045	0.0064	0.0215	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.4	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0096	0.0053	0.0007	0.0034	0.0045	0.0062	0.0211	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.45	6368.601	Gridded Receptor	0.0012	0.0009	0.0002	0.0094	0.0052	0.0007	0.0034	0.0045	0.0060	0.0205	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.5	6368.601	Gridded Receptor	0.0013	0.0009	0.0002	0.0095	0.0053	0.0007	0.0034	0.0045	0.0061	0.0204	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.55	6368.601	Gridded Receptor	0.0014	0.0010	0.0002	0.0097	0.0054	0.0007	0.0034	0.0046	0.0062	0.0204	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0003	0.0004	0.0024	s/m^2/year
357.6	6368.601	Gridded Receptor	0.0015	0.0010	0.0002	0.0099	0.0055	0.0008	0.0035	0.0047	0.0063	0.0205	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0024	s/m^2/year
357.65	6368.601	Gridded Receptor	0.0016	0.0012	0.0002	0.0102	0.0057	0.0008	0.0036	0.0049	0.0065	0.0207	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0005	0.0025	s/m^2/year
357.7	6368.601	Gridded Receptor	0.0019	0.0013	0.0002	0.0107	0.0059	0.0008	0.0038	0.0051	0.0069	0.0212	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0004	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0026	s/m^2/year
357.75	6368.601	Gridded Receptor	0.0022	0.0015	0.0003	0.0114	0.0063	0.0009	0.0040	0.0055	0.0073	0.0221	0.0007	0.0009	0.0006	0.0006	0.0006	0.0008	0.0004	0.0008	0.0005	0.0006	0.0008	0.0006	0.0006	0.0006	0.0028	s/m^2/year
357.8	6368.601	Gridded Receptor	0.0026	0.0018	0.0003	0.0122	0.0068	0.0010	0.0043	0.0059	0.0078	0.0231	0.0008	0.0010	0.0007	0.0007	0.0007	0.0010	0.0005	0.0009	0.0005	0.0007	0.0009	0.0007	0.0007	0.0007	0.0030	s/m^2/year
357.85	6368.601	Gridded Receptor	0.0029	0.0020	0.0003	0.0130	0.0073	0.0011	0.0047	0.0064	0.0083	0.0244	0.0010	0.0012	0.0008	0.0008	0.0008	0.0011	0.0006	0.0011	0.0006	0.0008	0.0010	0.0009	0.0008	0.0009	0.0032	s/m^2/year
357.9	6368.601	Gridded Receptor	0.0033	0.0023	0.0004	0.0138	0.0079	0.0012	0.0050	0.0069	0.0087	0.0255	0.0011	0.0014	0.0010	0.0010	0.0009	0.0013	0.0007	0.0012	0.0007	0.0009	0.0012	0.0010	0.0010	0.0010	0.0035	s/m^2/year
357.95	6368.601	Gridded Receptor	0.0037	0.0025	0.0004	0.0145	0.0085	0.0013	0.0053	0.0074	0.0091	0.0267	0.0012	0.0015	0.0011	0.0011	0.0010	0.0015	0.0007	0.0014	0.0008	0.0010	0.0014	0.0011	0.0011	0.0011	0.0037	s/m^2/year
358	6368.601	Gridded Receptor	0.0040	0.0027	0.0004	0.0152	0.0091	0.0014	0.0057	0.0080	0.0094	0.0281	0.0014	0.0017	0.0012	0.0012	0.0011	0.0016	0.0008	0.0015	0.0009	0.0011	0.0015	0.0012	0.0012	0.0012	0.0040	s/m^2/year
356.5	6368.65	Gridded Receptor	0.0017	0.0012	0.0002	0.0118	0.0061	0.0008	0.0039	0.0051	0.0080	0.0246	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0026	s/m^2/year
356.55	6368.65	Gridded Receptor	0.0017	0.0012	0.0002	0.0120	0.0062	0.0008	0.0040	0.0052	0.0081	0.0248	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.6	6368.65	Gridded Receptor	0.0016	0.0012	0.0002	0.0122	0.0063	0.0009	0.0041	0.0053	0.0082	0.0251	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.65	6368.65	Gridded Receptor	0.0016	0.0012	0.0002	0.0124	0.0065	0.0009	0.0042	0.0054	0.0084	0.0255	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.7	6368.65	Gridded Receptor	0.0017	0.0012	0.0002	0.0126	0.0065	0.0009	0.0042	0.0054	0.0086	0.0258	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.75	6368.65	Gridded Receptor	0.0016	0.0012	0.0002	0.0126	0.0065	0.0008	0.0043	0.0053	0.0087	0.0257	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.8	6368.65	Gridded Receptor	0.0016	0.0012	0.0002	0.0125	0.0063	0.0008	0.0042	0.0052	0.0086	0.0255	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0028	s/m^2/year
356.85	6368.65	Gridded Receptor	0.0015	0.0011	0.0002	0.0122	0.0062	0.0008	0.0041	0.0051	0.0084	0.0255	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.9	6368.65	Gridded Receptor	0.0014	0.0011	0.0002	0.0120	0.0061	0.0008	0.0040	0.0050	0.0082	0.0255	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.95	6368.65	Gridded Receptor	0.0014	0.0010	0.0002	0.0119	0.0060	0.0008	0.0039	0.0049	0.0081	0.0253	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357	6368.65	Gridded Receptor	0.0013	0.0010	0.0002	0.0117	0.0059	0.0008	0.0038	0.0049	0.0080	0.0248	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.05	6368.65	Gridded Receptor	0.0013	0.0009	0.0002	0.0112	0.0058	0.0008	0.0038	0.0048	0.0075	0.0238	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.1	6368.65	Gridded Receptor	0.0012	0.0009	0.0002	0.0107	0.0057	0.0008	0.0037	0.0048	0.0070	0.0231	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.15	6368.65	Gridded Receptor	0.0012	0.0009	0.0002	0.0104	0.0056	0.0008	0.0036	0.0048	0.0068	0.0229	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.2	6368.65	Gridded Receptor	0.0012	0.0009	0.0002	0.0104	0.0056	0.0007	0.0036	0.0047	0.0068	0.0229	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.25	6368.65	Gridded Receptor	0.0013	0.0009	0.0002	0.0105	0.0056	0.0007	0.0036	0.0047	0.0069	0.0232	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.3	6368.65	Gridded Receptor	0.0013	0.0009	0.0002	0.0106	0.0056	0.0007	0.0036	0.0047	0.0070	0.0237	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.35	6368.65	Gridded Receptor	0.0013	0.0009	0.0002	0.0106	0.0056	0.0007	0.0036	0.0047	0.0069	0.0238	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.4	6368.65	Gridded Receptor	0.0013	0.0009	0.0002	0.0103	0.0055	0.0007	0.0035	0.0046	0.0067	0.0233	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.45	6368.65	Gridded Receptor	0.0013	0.0010	0.0002	0.0102	0.0055	0.0007	0.0035	0.0046	0.0066	0.0228	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year

357.5	6368.65	Gridded Receptor	0.0014	0.0010	0.0002	0.0104	0.0055	0.0008	0.0035	0.0047	0.0067	0.0226	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.55	6368.65	Gridded Receptor	0.0015	0.0011	0.0002	0.0107	0.0057	0.0008	0.0036	0.0048	0.0069	0.0227	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0024	s/m^2/year
357.6	6368.65	Gridded Receptor	0.0017	0.0012	0.0002	0.0110	0.0059	0.0008	0.0037	0.0050	0.0071	0.0228	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0025	s/m^2/year
357.65	6368.65	Gridded Receptor	0.0019	0.0013	0.0002	0.0115	0.0062	0.0009	0.0039	0.0053	0.0074	0.0232	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0004	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0027	s/m^2/year
357.7	6368.65	Gridded Receptor	0.0023	0.0016	0.0003	0.0121	0.0066	0.0009	0.0042	0.0057	0.0078	0.0240	0.0007	0.0009	0.0006	0.0006	0.0006	0.0008	0.0004	0.0008	0.0005	0.0006	0.0008	0.0006	0.0006	0.0006	0.0028	s/m^2/year
357.75	6368.65	Gridded Receptor	0.0027	0.0019	0.0003	0.0129	0.0070	0.0010	0.0045	0.0061	0.0083	0.0252	0.0008	0.0010	0.0007	0.0007	0.0007	0.0010	0.0005	0.0009	0.0006	0.0007	0.0009	0.0008	0.0007	0.0008	0.0030	s/m^2/year
357.8	6368.65	Gridded Receptor	0.0032	0.0022	0.0003	0.0139	0.0076	0.0011	0.0048	0.0066	0.0089	0.0267	0.0010	0.0012	0.0009	0.0009	0.0008	0.0012	0.0006	0.0011	0.0007	0.0008	0.0011	0.0009	0.0009	0.0009	0.0033	s/m^2/year
357.85	6368.65	Gridded Receptor	0.0037	0.0026	0.0004	0.0150	0.0084	0.0012	0.0053	0.0073	0.0096	0.0284	0.0012	0.0015	0.0010	0.0010	0.0010	0.0014	0.0007	0.0013	0.0008	0.0010	0.0013	0.0011	0.0010	0.0011	0.0036	s/m^2/year
357.9	6368.65	Gridded Receptor	0.0042	0.0029	0.0004	0.0161	0.0091	0.0013	0.0057	0.0079	0.0102	0.0300	0.0014	0.0017	0.0012	0.0012	0.0011	0.0016	0.0008	0.0015	0.0009	0.0011	0.0015	0.0012	0.0012	0.0012	0.0039	s/m^2/year
357.95	6368.65	Gridded Receptor	0.0046	0.0032	0.0005	0.0169	0.0097	0.0014	0.0061	0.0085	0.0107	0.0316	0.0015	0.0019	0.0013	0.0013	0.0012	0.0018	0.0009	0.0017	0.0010	0.0013	0.0017	0.0014	0.0013	0.0014	0.0042	s/m^2/year
358	6368.65	Gridded Receptor	0.0050	0.0034	0.0005	0.0177	0.0103	0.0015	0.0065	0.0090	0.0110	0.0331	0.0017	0.0021	0.0015	0.0015	0.0013	0.0020	0.0010	0.0018	0.0011	0.0014	0.0018	0.0015	0.0015	0.0015	0.0045	s/m^2/year
356.5	6368.701	Gridded Receptor	0.0018	0.0012	0.0002	0.0124	0.0063	0.0008	0.0041	0.0053	0.0084	0.0266	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.55	6368.701	Gridded Receptor	0.0017	0.0012	0.0002	0.0125	0.0064	0.0009	0.0041	0.0053	0.0084	0.0265	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.6	6368.701	Gridded Receptor	0.0017	0.0012	0.0002	0.0128	0.0065	0.0009	0.0042	0.0054	0.0086	0.0268	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.65	6368.701	Gridded Receptor	0.0017	0.0012	0.0002	0.0131	0.0067	0.0009	0.0043	0.0055	0.0088	0.0274	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.7	6368.701	Gridded Receptor	0.0017	0.0013	0.0002	0.0134	0.0069	0.0009	0.0044	0.0056	0.0091	0.0280	0.0004	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.75	6368.701	Gridded Receptor	0.0017	0.0013	0.0002	0.0136	0.0069	0.0009	0.0045	0.0056	0.0093	0.0282	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.8	6368.701	Gridded Receptor	0.0017	0.0013	0.0002	0.0135	0.0068	0.0009	0.0045	0.0055	0.0093	0.0279	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.85	6368.701	Gridded Receptor	0.0016	0.0012	0.0002	0.0132	0.0066	0.0008	0.0044	0.0054	0.0092	0.0274	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0029	s/m^2/year
356.9	6368.701	Gridded Receptor	0.0015	0.0011	0.0002	0.0129	0.0064	0.0008	0.0042	0.0052	0.0090	0.0274	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0028	s/m^2/year
356.95	6368.701	Gridded Receptor	0.0015	0.0011	0.0002	0.0128	0.0063	0.0008	0.0041	0.0052	0.0089	0.0277	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357	6368.701	Gridded Receptor	0.0014	0.0010	0.0002	0.0127	0.0062	0.0008	0.0040	0.0051	0.0087	0.0275	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.05	6368.701	Gridded Receptor	0.0014	0.0010	0.0002	0.0123	0.0061	0.0008	0.0039	0.0050	0.0084	0.0266	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.1	6368.701	Gridded Receptor	0.0013	0.0010	0.0002	0.0117	0.0060	0.0008	0.0038	0.0050	0.0078	0.0259	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.15	6368.701	Gridded Receptor	0.0013	0.0010	0.0002	0.0113	0.0059	0.0008	0.0037	0.0049	0.0074	0.0257	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.2	6368.701	Gridded Receptor	0.0013	0.0010	0.0002	0.0112	0.0059	0.0008	0.0037	0.0049	0.0073	0.0258	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.25	6368.701	Gridded Receptor	0.0013	0.0010	0.0002	0.0114	0.0059	0.0008	0.0038	0.0049	0.0074	0.0262	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.3	6368.701	Gridded Receptor	0.0014	0.0010	0.0002	0.0115	0.0059	0.0008	0.0038	0.0049	0.0076	0.0268	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.35	6368.701	Gridded Receptor	0.0014	0.0010	0.0002	0.0115	0.0059	0.0008	0.0038	0.0049	0.0075	0.0270	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.4	6368.701	Gridded Receptor	0.0014	0.0010	0.0002	0.0113	0.0058	0.0008	0.0037	0.0049	0.0073	0.0265	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.45	6368.701	Gridded Receptor	0.0014	0.0010	0.0002	0.0113	0.0058	0.0008	0.0037	0.0049	0.0073	0.0261	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.5	6368.701	Gridded Receptor	0.0015	0.0011	0.0002	0.0116	0.0059	0.0008	0.0037	0.0050	0.0076	0.0260	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0004	0.0025	s/m^2/year
357.55	6368.701	Gridded Receptor	0.0017	0.0012	0.0002	0.0120	0.0061	0.0008	0.0039	0.0051	0.0079	0.0260	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0025	s/m^2/year
357.6	6368.701	Gridded Receptor	0.0019	0.0014	0.0002	0.0125	0.0064	0.0009	0.0040	0.0054	0.0082	0.0261	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0004	0.0006	0.0005	0.0005	0.0005	0.0027	s/m^2/year
357.65	6368.701	Gridded Receptor	0.0023	0.0016	0.0003	0.0132	0.0068	0.0010	0.0043	0.0058	0.0087	0.0267	0.0007	0.0008	0.0006	0.0006	0.0005	0.0008	0.0004	0.0007	0.0004	0.0006	0.0007	0.0006	0.0006	0.0006	0.0028	s/m^2/year
357.7	6368.701	Gridded Receptor	0.0028	0.0020	0.0003	0.0141	0.0074	0.0011	0.0046	0.0064	0.0092	0.0279	0.0008	0.0010	0.0007	0.0007	0.0007	0.0010	0.0005	0.0009	0.0006	0.0007	0.0009	0.0008	0.0007	0.0008	0.0031	s/m^2/year
357.75	6368.701	Gridded Receptor	0.0034	0.0024	0.0003	0.0151	0.0080	0.0012	0.0050	0.0069	0.0097	0.0293	0.0010	0.0013	0.0009	0.0009	0.0008	0.0012	0.0006	0.0011	0.0007	0.0009	0.0011	0.0009	0.0009	0.0010	0.0034	s/m^2/year
357.8	6368.701	Gridded Receptor	0.0041	0.0028	0.0004	0.0162	0.0088	0.0013	0.0055	0.0076	0.0104	0.0313	0.0013	0.0016	0.0011	0.0011	0.0010	0.0015	0.0007	0.0014	0.0008	0.0011	0.0013	0.0011	0.0011	0.0012	0.0037	s/m^2/year
357.85	6368.701	Gridded Receptor	0.0047	0.0033	0.0005	0.0176	0.0097	0.0014	0.0060	0.0083	0.0112	0.0336	0.0015	0.0018	0.0013	0.0013	0.0012	0.0017	0.0008	0.0016	0.0010	0.0012	0.0016	0.0013	0.0013	0.0013	0.0041	s/m^2/year
357.9	6368.701	Gridded Receptor	0.0054	0.0037	0.0005	0.0189	0.0105	0.0015	0.0066	0.0090	0.0121	0.0360	0.0017	0.0021	0.0015	0.0015	0.0014	0.0020	0.0010	0.0019	0.0011	0.0014	0.0018	0.0015	0.0015	0.0015	0.0045	s/m^2/year
357.95	6368.701	Gridded Receptor	0.0059	0.0041	0.0006	0.0200	0.0113	0.0017	0.0070	0.0097	0.0127	0.0382	0.0019	0.0023	0.0016	0.0017	0.0015	0.0022	0.0011	0.0021	0.0012	0.0016	0.0020	0.0017	0.0017	0.0017	0.0048	s/m^2/year
358	6368.701	Gridded Receptor	0.0063	0.0044	0.0006	0.0208	0.0119	0.0018	0.0075	0.0103	0.0131	0.0399	0.0020	0.0025	0.0018	0.0018	0.0016	0.0024	0.0012	0.0023	0.0014	0.0017	0.0022	0.0018	0.0018	0.0018	0.0052	s/m^2/year
356.5	6368.75	Gridded Receptor	0.0017	0.0012	0.0002	0.0128	0.0065	0.0009	0.0043	0.0055	0.0085	0.0281	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0006	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.55	6368.75	Gridded Receptor	0.0016	0.0012	0.0002	0.0129	0.0066	0.0009	0.0043	0.0056	0.0086	0.0283	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.6	6368.75	Gridded Receptor	0.0016	0.0012	0.0002	0.0133	0.0067	0.0009	0.0043	0.0056	0.0089	0.0289	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.65	6368.75	Gridded Receptor	0.0017	0.0012	0.0002	0.0137	0.0069	0.0009	0.0044	0.0058	0.0092	0.0296	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.7	6368.75	Gridded Receptor	0.0017	0.0013	0.0002	0.0141	0.0071	0.0009	0.0046	0.0059	0.0094	0.0303	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.75	6368.75	Gridded Receptor	0.0018	0.0013	0.0002	0.0143	0.0072	0.0009	0.0047	0.0059	0.0096	0.0305	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0031	s/m^2/year
356.8	6368.75	Gridded Receptor	0.0017	0.0013	0.0002	0.0143	0.0072	0.0009	0.0047	0.0059	0.0098	0.0302	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.85	6368.75	Gridded Receptor	0.0017	0.0013	0.0002	0.0142	0.0070	0.0009	0.0047	0.0057	0.0099	0.0299	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0003	0.0003	0.0004	0.0031	s/m^2/year
356.9	6368.75	Gridded Receptor	0.0016	0.0012	0.0002	0.0141	0.0068	0.0008	0.0045	0.0055	0.0099	0.0300	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0030	s/m^2/year
356.95	6368.75	Gridded Receptor	0.0015	0.0012	0.0002	0.0139	0.0067	0.0008	0.0044	0.0054	0.0097	0.0304	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0028	s/m^2/year
357	6368.75	Gridded Receptor	0.0015	0.0011	0.0002	0.0138	0.0065	0.0008	0.0042	0.0052	0.0095	0.0307	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357.05	6368.75	Gridded Receptor	0.0014	0.0011	0.0002	0.0135	0.0064	0.0008	0.0041	0.0051	0.0093	0.0303	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.1	6368.75	Gridded Receptor	0.0014	0.0010	0.0002	0.0129	0.0063	0.0008	0.0040	0.0051	0.0086	0.0296	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year

357.15	6368.75	Gridded Receptor	0.0014	0.0010	0.0002	0.0123	0.0062	0.0008	0.0039	0.0051	0.0080	0.0292	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.2	6368.75	Gridded Receptor	0.0014	0.0010	0.0002	0.0121	0.0062	0.0008	0.0038	0.0051	0.0078	0.0292	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.25	6368.75	Gridded Receptor	0.0014	0.0010	0.0002	0.0122	0.0062	0.0008	0.0039	0.0051	0.0078	0.0297	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.3	6368.75	Gridded Receptor	0.0014	0.0010	0.0002	0.0123	0.0063	0.0008	0.0039	0.0051	0.0080	0.0303	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.35	6368.75	Gridded Receptor	0.0014	0.0010	0.0002	0.0123	0.0063	0.0008	0.0039	0.0051	0.0079	0.0306	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.4	6368.75	Gridded Receptor	0.0014	0.0011	0.0002	0.0122	0.0062	0.0008	0.0039	0.0051	0.0078	0.0303	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.45	6368.75	Gridded Receptor	0.0015	0.0011	0.0002	0.0124	0.0063	0.0008	0.0039	0.0052	0.0080	0.0303	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.5	6368.75	Gridded Receptor	0.0016	0.0012	0.0002	0.0130	0.0064	0.0009	0.0040	0.0053	0.0085	0.0304	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0026	s/m^2/year
357.55	6368.75	Gridded Receptor	0.0019	0.0014	0.0002	0.0137	0.0067	0.0009	0.0042	0.0055	0.0091	0.0307	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0027	s/m^2/year
357.6	6368.75	Gridded Receptor	0.0022	0.0016	0.0002	0.0146	0.0071	0.0010	0.0044	0.0059	0.0098	0.0310	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0028	s/m^2/year
357.65	6368.75	Gridded Receptor	0.0028	0.0020	0.0003	0.0156	0.0077	0.0011	0.0048	0.0064	0.0104	0.0318	0.0008	0.0009	0.0007	0.0007	0.0006	0.0009	0.0004	0.0008	0.0005	0.0006	0.0008	0.0007	0.0007	0.0007	0.0030	s/m^2/year
357.7	6368.75	Gridded Receptor	0.0035	0.0025	0.0003	0.0168	0.0084	0.0012	0.0052	0.0071	0.0111	0.0331	0.0010	0.0012	0.0009	0.0009	0.0008	0.0012	0.0005	0.0011	0.0007	0.0009	0.0010	0.0009	0.0009	0.0009	0.0034	s/m^2/year
357.75	6368.75	Gridded Receptor	0.0044	0.0031	0.0004	0.0180	0.0093	0.0014	0.0057	0.0079	0.0117	0.0350	0.0013	0.0016	0.0012	0.0012	0.0011	0.0015	0.0007	0.0014	0.0009	0.0011	0.0013	0.0012	0.0012	0.0012	0.0038	s/m^2/year
357.8	6368.75	Gridded Receptor	0.0052	0.0037	0.0005	0.0193	0.0102	0.0015	0.0063	0.0088	0.0124	0.0374	0.0016	0.0019	0.0014	0.0014	0.0013	0.0019	0.0008	0.0017	0.0011	0.0013	0.0016	0.0014	0.0014	0.0015	0.0042	s/m^2/year
357.85	6368.75	Gridded Receptor	0.0061	0.0043	0.0005	0.0208	0.0113	0.0016	0.0070	0.0096	0.0133	0.0405	0.0019	0.0023	0.0016	0.0016	0.0015	0.0022	0.0010	0.0020	0.0012	0.0016	0.0019	0.0017	0.0016	0.0017	0.0047	s/m^2/year
357.9	6368.75	Gridded Receptor	0.0068	0.0048	0.0006	0.0222	0.0122	0.0018	0.0076	0.0104	0.0142	0.0437	0.0021	0.0026	0.0018	0.0018	0.0017	0.0025	0.0012	0.0023	0.0014	0.0018	0.0022	0.0019	0.0018	0.0019	0.0051	s/m^2/year
357.95	6368.75	Gridded Receptor	0.0074	0.0052	0.0007	0.0235	0.0131	0.0019	0.0081	0.0111	0.0150	0.0465	0.0023	0.0029	0.0020	0.0020	0.0019	0.0027	0.0013	0.0025	0.0015	0.0019	0.0025	0.0021	0.0020	0.0021	0.0055	s/m^2/year
358	6368.75	Gridded Receptor	0.0079	0.0055	0.0007	0.0245	0.0138	0.0020	0.0086	0.0118	0.0157	0.0486	0.0025	0.0031	0.0022	0.0022	0.0020	0.0030	0.0015	0.0028	0.0017	0.0021	0.0027	0.0022	0.0022	0.0023	0.0059	s/m^2/year
356.5	6368.8	Gridded Receptor	0.0016	0.0011	0.0002	0.0130	0.0067	0.0009	0.0044	0.0058	0.0084	0.0295	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.55	6368.8	Gridded Receptor	0.0016	0.0011	0.0002	0.0133	0.0068	0.0009	0.0044	0.0058	0.0087	0.0302	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.6	6368.8	Gridded Receptor	0.0016	0.0011	0.0002	0.0138	0.0070	0.0009	0.0045	0.0059	0.0090	0.0312	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.65	6368.8	Gridded Receptor	0.0016	0.0012	0.0002	0.0142	0.0071	0.0009	0.0046	0.0060	0.0094	0.0321	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.7	6368.8	Gridded Receptor	0.0017	0.0013	0.0002	0.0146	0.0073	0.0010	0.0047	0.0061	0.0097	0.0327	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0031	s/m^2/year
356.75	6368.8	Gridded Receptor	0.0018	0.0013	0.0002	0.0148	0.0075	0.0010	0.0048	0.0062	0.0099	0.0329	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.8	6368.8	Gridded Receptor	0.0018	0.0013	0.0002	0.0150	0.0075	0.0009	0.0049	0.0061	0.0101	0.0327	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.85	6368.8	Gridded Receptor	0.0017	0.0013	0.0002	0.0152	0.0074	0.0009	0.0049	0.0060	0.0105	0.0329	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.9	6368.8	Gridded Receptor	0.0017	0.0013	0.0002	0.0153	0.0072	0.0009	0.0048	0.0058	0.0108	0.0332	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.95	6368.8	Gridded Receptor	0.0017	0.0013	0.0002	0.0152	0.0070	0.0009	0.0046	0.0056	0.0108	0.0338	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0029	s/m^2/year
357	6368.8	Gridded Receptor	0.0016	0.0012	0.0002	0.0150	0.0069	0.0009	0.0044	0.0054	0.0104	0.0344	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357.05	6368.8	Gridded Receptor	0.0015	0.0012	0.0002	0.0146	0.0067	0.0009	0.0042	0.0053	0.0100	0.0344	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.1	6368.8	Gridded Receptor	0.0015	0.0011	0.0002	0.0139	0.0066	0.0009	0.0040	0.0052	0.0093	0.0336	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.15	6368.8	Gridded Receptor	0.0014	0.0010	0.0002	0.0131	0.0065	0.0009	0.0039	0.0052	0.0085	0.0327	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.2	6368.8	Gridded Receptor	0.0014	0.0010	0.0002	0.0127	0.0064	0.0009	0.0039	0.0052	0.0081	0.0325	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.25	6368.8	Gridded Receptor	0.0014	0.0010	0.0002	0.0128	0.0065	0.0009	0.0040	0.0053	0.0081	0.0328	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.3	6368.8	Gridded Receptor	0.0014	0.0010	0.0002	0.0131	0.0066	0.0009	0.0040	0.0053	0.0083	0.0335	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.35	6368.8	Gridded Receptor	0.0014	0.0010	0.0002	0.0131	0.0066	0.0009	0.0040	0.0054	0.0083	0.0339	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.4	6368.8	Gridded Receptor	0.0015	0.0011	0.0002	0.0131	0.0067	0.0009	0.0040	0.0054	0.0082	0.0341	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.45	6368.8	Gridded Receptor	0.0016	0.0011	0.0002	0.0135	0.0068	0.0009	0.0041	0.0055	0.0086	0.0346	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.5	6368.8	Gridded Receptor	0.0018	0.0013	0.0002	0.0145	0.0070	0.0009	0.0042	0.0056	0.0095	0.0356	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0027	s/m^2/year
357.55	6368.8	Gridded Receptor	0.0021	0.0015	0.0002	0.0157	0.0073	0.0010	0.0045	0.0059	0.0105	0.0365	0.0005	0.0006	0.0004	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0005	0.0005	0.0028	s/m^2/year
357.6	6368.8	Gridded Receptor	0.0027	0.0020	0.0002	0.0173	0.0079	0.0011	0.0048	0.0064	0.0118	0.0376	0.0007	0.0008	0.0006	0.0006	0.0005	0.0008	0.0004	0.0007	0.0005	0.0006	0.0007	0.0006	0.0006	0.0006	0.0030	s/m^2/year
357.65	6368.8	Gridded Receptor	0.0035	0.0025	0.0003	0.0189	0.0088	0.0013	0.0054	0.0072	0.0129	0.0389	0.0009	0.0011	0.0008	0.0008	0.0008	0.0011	0.0005	0.0010	0.0006	0.0008	0.0009	0.0008	0.0008	0.0009	0.0033	s/m^2/year
357.7	6368.8	Gridded Receptor	0.0045	0.0032	0.0004	0.0203	0.0097	0.0014	0.0059	0.0081	0.0137	0.0404	0.0012	0.0015	0.0011	0.0011	0.0010	0.0014	0.0006	0.0014	0.0008	0.0011	0.0012	0.0011	0.0011	0.0012	0.0037	s/m^2/year
357.75	6368.8	Gridded Receptor	0.0056	0.0040	0.0004	0.0218	0.0108	0.0016	0.0066	0.0091	0.0144	0.0427	0.0016	0.0020	0.0014	0.0014	0.0013	0.0019	0.0008	0.0018	0.0011	0.0014	0.0016	0.0015	0.0014	0.0015	0.0042	s/m^2/year
357.8	6368.8	Gridded Receptor	0.0067	0.0047	0.0005	0.0231	0.0119	0.0018	0.0073	0.0101	0.0150	0.0456	0.0019	0.0024	0.0017	0.0017	0.0016	0.0023	0.0010	0.0021	0.0013	0.0017	0.0020	0.0018	0.0017	0.0018	0.0048	s/m^2/year
357.85	6368.8	Gridded Receptor	0.0077	0.0054	0.0006	0.0248	0.0132	0.0019	0.0081	0.0111	0.0159	0.0498	0.0023	0.0028	0.0020	0.0020	0.0018	0.0027	0.0012	0.0025	0.0015	0.0019	0.0023	0.0021	0.0020	0.0021	0.0054	s/m^2/year
357.9	6368.8	Gridded Receptor	0.0086	0.0060	0.0007	0.0263	0.0143	0.0021	0.0088	0.0121	0.0168	0.0540	0.0026	0.0032	0.0023	0.0023	0.0021	0.0030	0.0014	0.0028	0.0017	0.0022	0.0027	0.0023	0.0023	0.0023	0.0059	s/m^2/year
357.95	6368.8	Gridded Receptor	0.0093	0.0065	0.0008	0.0277	0.0152	0.0022	0.0094	0.0128	0.0177	0.0571	0.0028	0.0035	0.0025	0.0025	0.0023	0.0033	0.0016	0.0031	0.0019	0.0024	0.0030	0.0025	0.0025	0.0026	0.0064	s/m^2/year
358	6368.8	Gridded Receptor	0.0097	0.0067	0.0009	0.0289	0.0161	0.0023	0.0100	0.0136	0.0186	0.0593	0.0030	0.0038	0.0027	0.0027	0.0024	0.0036	0.0018	0.0034	0.0020	0.0025	0.0033	0.0027	0.0027	0.0028	0.0068	s/m^2/year
356.5	6368.851	Gridded Receptor	0.0015	0.0011	0.0002	0.0134	0.0070	0.0009	0.0045	0.0060	0.0085	0.0314	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.55	6368.851	Gridded Receptor	0.0015	0.0011	0.0002	0.0138	0.0071	0.0009	0.0045	0.0061	0.0088	0.0325	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0031	s/m^2/year
356.6	6368.851	Gridded Receptor	0.0016	0.0011	0.0002	0.0142	0.0072	0.0010	0.0046	0.0061	0.0091	0.0337	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0031	s/m^2/year
356.65	6368.851	Gridded Receptor	0.0016	0.0012	0.0002	0.0146	0.0074	0.0010	0.0047	0.0062	0.0095	0.0349	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0031	s/m^2/year
356.7	6368.851	Gridded Receptor	0.0017	0.0012	0.0002	0.0149	0.0075	0.0010	0.0048	0.0062	0.0097	0.0355	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.75	6368.851	Gridded Receptor	0.0018	0.0013	0.0002	0.0152	0.0077	0.0010	0.0049	0.0063	0.0100	0.0356	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year

356.8	6368.851	Gridded Receptor	0.0018	0.0013	0.0002	0.0156	0.0078	0.0010	0.0050	0.0064	0.0105	0.0359	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.85	6368.851	Gridded Receptor	0.0018	0.0014	0.0002	0.0160	0.0078	0.0010	0.0051	0.0063	0.0109	0.0364	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.9	6368.851	Gridded Receptor	0.0018	0.0014	0.0002	0.0164	0.0077	0.0009	0.0050	0.0061	0.0115	0.0372	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.95	6368.851	Gridded Receptor	0.0018	0.0014	0.0002	0.0165	0.0074	0.0009	0.0048	0.0058	0.0117	0.0379	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0005	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357	6368.851	Gridded Receptor	0.0017	0.0013	0.0002	0.0162	0.0071	0.0009	0.0045	0.0055	0.0114	0.0383	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0028	s/m^2/year
357.05	6368.851	Gridded Receptor	0.0016	0.0012	0.0002	0.0154	0.0069	0.0009	0.0042	0.0053	0.0106	0.0382	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.1	6368.851	Gridded Receptor	0.0015	0.0011	0.0002	0.0147	0.0067	0.0009	0.0041	0.0052	0.0099	0.0372	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0003	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.15	6368.851	Gridded Receptor	0.0014	0.0010	0.0001	0.0137	0.0066	0.0009	0.0039	0.0052	0.0088	0.0360	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.2	6368.851	Gridded Receptor	0.0013	0.0010	0.0001	0.0129	0.0065	0.0009	0.0038	0.0052	0.0080	0.0355	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0003	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.25	6368.851	Gridded Receptor	0.0013	0.0010	0.0001	0.0128	0.0066	0.0009	0.0039	0.0053	0.0079	0.0357	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.3	6368.851	Gridded Receptor	0.0014	0.0010	0.0002	0.0132	0.0067	0.0009	0.0040	0.0054	0.0082	0.0366	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.35	6368.851	Gridded Receptor	0.0014	0.0010	0.0002	0.0134	0.0068	0.0009	0.0040	0.0055	0.0082	0.0372	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.4	6368.851	Gridded Receptor	0.0015	0.0011	0.0002	0.0135	0.0069	0.0009	0.0041	0.0056	0.0083	0.0378	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.45	6368.851	Gridded Receptor	0.0016	0.0012	0.0002	0.0145	0.0071	0.0010	0.0042	0.0057	0.0092	0.0391	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0026	s/m^2/year
357.5	6368.851	Gridded Receptor	0.0019	0.0014	0.0002	0.0162	0.0075	0.0010	0.0044	0.0059	0.0107	0.0411	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0027	s/m^2/year
357.55	6368.851	Gridded Receptor	0.0023	0.0017	0.0002	0.0183	0.0080	0.0011	0.0048	0.0063	0.0124	0.0434	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0028	s/m^2/year
357.6	6368.851	Gridded Receptor	0.0031	0.0023	0.0002	0.0206	0.0089	0.0013	0.0053	0.0070	0.0142	0.0458	0.0008	0.0009	0.0007	0.0007	0.0006	0.0009	0.0004	0.0009	0.0005	0.0007	0.0008	0.0007	0.0007	0.0007	0.0031	s/m^2/year
357.65	6368.851	Gridded Receptor	0.0043	0.0031	0.0003	0.0231	0.0101	0.0015	0.0060	0.0080	0.0160	0.0483	0.0011	0.0014	0.0010	0.0010	0.0009	0.0013	0.0005	0.0012	0.0008	0.0010	0.0011	0.0010	0.0010	0.0010	0.0035	s/m^2/year
357.7	6368.851	Gridded Receptor	0.0056	0.0040	0.0004	0.0249	0.0113	0.0017	0.0067	0.0091	0.0170	0.0505	0.0015	0.0018	0.0014	0.0014	0.0012	0.0017	0.0007	0.0017	0.0010	0.0013	0.0015	0.0014	0.0014	0.0014	0.0040	s/m^2/year
357.75	6368.851	Gridded Receptor	0.0071	0.0051	0.0005	0.0264	0.0126	0.0018	0.0076	0.0103	0.0176	0.0535	0.0019	0.0023	0.0017	0.0017	0.0016	0.0022	0.0009	0.0021	0.0013	0.0016	0.0019	0.0017	0.0017	0.0018	0.0047	s/m^2/year
357.8	6368.851	Gridded Receptor	0.0084	0.0060	0.0006	0.0277	0.0139	0.0020	0.0084	0.0115	0.0182	0.0574	0.0023	0.0028	0.0020	0.0020	0.0019	0.0026	0.0011	0.0025	0.0015	0.0019	0.0023	0.0021	0.0021	0.0021	0.0054	s/m^2/year
357.85	6368.851	Gridded Receptor	0.0096	0.0068	0.0007	0.0294	0.0153	0.0022	0.0093	0.0128	0.0190	0.0621	0.0027	0.0033	0.0024	0.0024	0.0022	0.0031	0.0014	0.0029	0.0018	0.0023	0.0027	0.0024	0.0024	0.0025	0.0061	s/m^2/year
357.9	6368.851	Gridded Receptor	0.0105	0.0074	0.0008	0.0311	0.0167	0.0024	0.0102	0.0139	0.0199	0.0668	0.0031	0.0037	0.0027	0.0027	0.0025	0.0036	0.0016	0.0034	0.0021	0.0026	0.0031	0.0028	0.0027	0.0028	0.0068	s/m^2/year
357.95	6368.851	Gridded Receptor	0.0112	0.0078	0.0009	0.0323	0.0178	0.0025	0.0109	0.0148	0.0207	0.0698	0.0034	0.0041	0.0030	0.0030	0.0027	0.0040	0.0018	0.0037	0.0023	0.0029	0.0035	0.0031	0.0030	0.0031	0.0073	s/m^2/year
358	6368.851	Gridded Receptor	0.0115	0.0079	0.0010	0.0330	0.0185	0.0026	0.0114	0.0154	0.0211	0.0707	0.0036	0.0045	0.0032	0.0032	0.0029	0.0043	0.0020	0.0040	0.0024	0.0030	0.0038	0.0033	0.0032	0.0033	0.0078	s/m^2/year
356.5	6368.9	Gridded Receptor	0.0015	0.0010	0.0002	0.0141	0.0073	0.0010	0.0046	0.0062	0.0089	0.0336	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0004	0.0031	s/m^2/year
356.55	6368.9	Gridded Receptor	0.0015	0.0011	0.0002	0.0145	0.0074	0.0010	0.0047	0.0063	0.0093	0.0353	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0004	0.0031	s/m^2/year
356.6	6368.9	Gridded Receptor	0.0016	0.0011	0.0002	0.0150	0.0076	0.0010	0.0048	0.0064	0.0096	0.0369	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0003	0.0004	0.0032	s/m^2/year
356.65	6368.9	Gridded Receptor	0.0016	0.0012	0.0002	0.0152	0.0077	0.0010	0.0049	0.0064	0.0098	0.0380	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.7	6368.9	Gridded Receptor	0.0017	0.0013	0.0002	0.0154	0.0077	0.0010	0.0049	0.0064	0.0099	0.0385	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.75	6368.9	Gridded Receptor	0.0018	0.0013	0.0002	0.0157	0.0078	0.0010	0.0050	0.0064	0.0102	0.0390	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.8	6368.9	Gridded Receptor	0.0019	0.0014	0.0002	0.0162	0.0080	0.0010	0.0051	0.0065	0.0107	0.0399	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.85	6368.9	Gridded Receptor	0.0019	0.0014	0.0002	0.0168	0.0081	0.0010	0.0052	0.0064	0.0113	0.0409	0.0004	0.0006	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.9	6368.9	Gridded Receptor	0.0019	0.0014	0.0002	0.0173	0.0080	0.0009	0.0051	0.0062	0.0119	0.0417	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0003	0.0004	0.0033	s/m^2/year
356.95	6368.9	Gridded Receptor	0.0019	0.0014	0.0002	0.0175	0.0077	0.0009	0.0049	0.0058	0.0123	0.0425	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357	6368.9	Gridded Receptor	0.0018	0.0014	0.0002	0.0173	0.0073	0.0009	0.0046	0.0054	0.0122	0.0425	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357.05	6368.9	Gridded Receptor	0.0016	0.0013	0.0001	0.0164	0.0070	0.0009	0.0042	0.0051	0.0115	0.0419	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.1	6368.9	Gridded Receptor	0.0015	0.0011	0.0001	0.0151	0.0067	0.0008	0.0040	0.0050	0.0102	0.0409	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.15	6368.9	Gridded Receptor	0.0014	0.0010	0.0001	0.0136	0.0065	0.0008	0.0037	0.0049	0.0086	0.0393	0.0003	0.0004	0.0002	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.2	6368.9	Gridded Receptor	0.0013	0.0009	0.0001	0.0122	0.0064	0.0008	0.0036	0.0050	0.0072	0.0379	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.25	6368.9	Gridded Receptor	0.0012	0.0009	0.0001	0.0118	0.0064	0.0008	0.0036	0.0051	0.0067	0.0378	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.3	6368.9	Gridded Receptor	0.0013	0.0009	0.0001	0.0123	0.0066	0.0009	0.0037	0.0052	0.0071	0.0387	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.35	6368.9	Gridded Receptor	0.0013	0.0009	0.0001	0.0125	0.0067	0.0009	0.0038	0.0054	0.0072	0.0397	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.4	6368.9	Gridded Receptor	0.0014	0.0010	0.0001	0.0130	0.0069	0.0010	0.0039	0.0056	0.0074	0.0412	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.45	6368.9	Gridded Receptor	0.0017	0.0012	0.0002	0.0148	0.0073	0.0010	0.0041	0.0058	0.0090	0.0441	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0026	s/m^2/year
357.5	6368.9	Gridded Receptor	0.0020	0.0015	0.0002	0.0177	0.0079	0.0011	0.0045	0.0061	0.0117	0.0481	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0026	s/m^2/year
357.55	6368.9	Gridded Receptor	0.0027	0.0020	0.0002	0.0212	0.0087	0.0012	0.0051	0.0066	0.0147	0.0522	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0003	0.0007	0.0004	0.0005	0.0006	0.0006	0.0005	0.0006	0.0028	s/m^2/year
357.6	6368.9	Gridded Receptor	0.0036	0.0026	0.0002	0.0250	0.0099	0.0014	0.0058	0.0075	0.0177	0.0561	0.0009	0.0011	0.0008	0.0008	0.0007	0.0010	0.0004	0.0010	0.0006	0.0008	0.0008	0.0008	0.0008	0.0008	0.0031	s/m^2/year
357.65	6368.9	Gridded Receptor	0.0050	0.0036	0.0003	0.0279	0.0114	0.0016	0.0066	0.0087	0.0196	0.0600	0.0013	0.0015	0.0012	0.0012	0.0011	0.0015	0.0005	0.0014	0.0009	0.0011	0.0012	0.0012	0.0012	0.0012	0.0035	s/m^2/year
357.7	6368.9	Gridded Receptor	0.0067	0.0048	0.0004	0.0302	0.0130	0.0019	0.0075	0.0101	0.0208	0.0641	0.0017	0.0021	0.0016	0.0016	0.0014	0.0020	0.0007	0.0019	0.0012	0.0015	0.0016	0.0016	0.0016	0.0016	0.0042	s/m^2/year
357.75	6368.9	Gridded Receptor	0.0085	0.0062	0.0005	0.0313	0.0144	0.0021	0.0084	0.0114	0.0211	0.0681	0.0021	0.0025	0.0019	0.0019	0.0017	0.0024	0.0010	0.0023	0.0014	0.0018	0.0020	0.0019	0.0019	0.0019	0.0050	s/m^2/year
357.8	6368.9	Gridded Receptor	0.0099	0.0072	0.0006	0.0323	0.0158	0.0023	0.0094	0.0128	0.0212	0.0722	0.0025	0.0030	0.0022	0.0022	0.0020	0.0028	0.0012	0.0027	0.0017	0.0021	0.0024	0.0023	0.0022	0.0023	0.0059	s/m^2/year
357.85	6368.9	Gridded Receptor	0.0112	0.0080	0.0007	0.0341	0.0176	0.0025	0.0105	0.0144	0.0220	0.0771	0.0030	0.0036	0.0026	0.0027	0.0024	0.0034	0.0014	0.0032	0.0020	0.0025	0.0029	0.0027	0.0027	0.0027	0.0068	s/m^2/year
357.9	6368.9	Gridded Receptor	0.0121	0.0085	0.0009	0.0358	0.0191	0.0028	0.0115	0.0158	0.0228	0.0809	0.0035	0.0042	0.0031	0.0031	0.0028	0.0040	0.0017	0.0038	0.0024	0.0030	0.0034	0.0032	0.0031	0.0032	0.0076	s/m^2/year
357.95	6368.9	Gridded Receptor	0.0127	0.0087	0.0010	0.0364	0.0202	0.0029	0.0122	0.0168	0.0229	0.0827	0.0039	0.0047	0.0035	0.0035	0.0032	0.0045	0.0020	0.0043	0.0026	0.0033	0.0039	0.0036	0.0035	0.0036	0.0083	s/m^2/year

358	6368.9	Gridded Receptor	0.0125	0.0084	0.0011	0.0351	0.0203	0.0029	0.0124	0.0169	0.0218	0.0796	0.0040	0.0049	0.0036	0.0036	0.0033	0.0047	0.0022	0.0044	0.0027	0.0034	0.0042	0.0037	0.0036	0.0037	0.0086	s/m^2/year
356.5	6368.951	Gridded Receptor	0.0015	0.0011	0.0002	0.0149	0.0076	0.0010	0.0048	0.0064	0.0095	0.0361	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.55	6368.951	Gridded Receptor	0.0016	0.0011	0.0002	0.0154	0.0077	0.0010	0.0049	0.0065	0.0098	0.0379	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.6	6368.951	Gridded Receptor	0.0016	0.0012	0.0002	0.0158	0.0079	0.0010	0.0049	0.0065	0.0101	0.0398	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0004	0.0033	s/m^2/year
356.65	6368.951	Gridded Receptor	0.0017	0.0012	0.0002	0.0161	0.0080	0.0010	0.0050	0.0066	0.0103	0.0412	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0033	s/m^2/year
356.7	6368.951	Gridded Receptor	0.0018	0.0013	0.0002	0.0162	0.0080	0.0010	0.0050	0.0066	0.0105	0.0421	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.75	6368.951	Gridded Receptor	0.0019	0.0014	0.0002	0.0164	0.0081	0.0010	0.0051	0.0065	0.0107	0.0431	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.8	6368.951	Gridded Receptor	0.0019	0.0014	0.0002	0.0167	0.0081	0.0010	0.0051	0.0065	0.0110	0.0443	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.85	6368.951	Gridded Receptor	0.0020	0.0015	0.0002	0.0172	0.0082	0.0010	0.0051	0.0064	0.0115	0.0457	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.9	6368.951	Gridded Receptor	0.0020	0.0015	0.0002	0.0178	0.0081	0.0009	0.0050	0.0061	0.0121	0.0470	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.95	6368.951	Gridded Receptor	0.0019	0.0014	0.0002	0.0182	0.0078	0.0009	0.0048	0.0057	0.0126	0.0475	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
357	6368.951	Gridded Receptor	0.0018	0.0014	0.0002	0.0181	0.0074	0.0009	0.0045	0.0052	0.0129	0.0474	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.05	6368.951	Gridded Receptor	0.0017	0.0013	0.0001	0.0173	0.0069	0.0008	0.0041	0.0048	0.0122	0.0468	0.0003	0.0004	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0002	0.0003	0.0022	s/m^2/year
357.1	6368.951	Gridded Receptor	0.0015	0.0011	0.0001	0.0150	0.0065	0.0008	0.0037	0.0046	0.0101	0.0445	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
357.15	6368.951	Gridded Receptor	0.0013	0.0009	0.0001	0.0125	0.0061	0.0008	0.0034	0.0045	0.0076	0.0412	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
357.2	6368.951	Gridded Receptor	0.0011	0.0008	0.0001	0.0105	0.0059	0.0008	0.0031	0.0045	0.0056	0.0380	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
357.25	6368.951	Gridded Receptor	0.0010	0.0007	0.0001	0.0097	0.0059	0.0008	0.0031	0.0046	0.0047	0.0366	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
357.3	6368.951	Gridded Receptor	0.0011	0.0007	0.0001	0.0101	0.0060	0.0008	0.0032	0.0048	0.0050	0.0375	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
357.35	6368.951	Gridded Receptor	0.0011	0.0007	0.0001	0.0104	0.0063	0.0009	0.0033	0.0050	0.0051	0.0391	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.4	6368.951	Gridded Receptor	0.0013	0.0008	0.0001	0.0114	0.0067	0.0010	0.0034	0.0054	0.0056	0.0423	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.45	6368.951	Gridded Receptor	0.0016	0.0011	0.0001	0.0141	0.0073	0.0010	0.0038	0.0057	0.0079	0.0486	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0024	s/m^2/year
357.5	6368.951	Gridded Receptor	0.0022	0.0016	0.0001	0.0185	0.0082	0.0011	0.0044	0.0062	0.0119	0.0567	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0025	s/m^2/year
357.55	6368.951	Gridded Receptor	0.0030	0.0022	0.0002	0.0244	0.0094	0.0013	0.0053	0.0068	0.0171	0.0646	0.0006	0.0007	0.0006	0.0006	0.0005	0.0007	0.0002	0.0007	0.0004	0.0005	0.0006	0.0006	0.0006	0.0006	0.0027	s/m^2/year
357.6	6368.951	Gridded Receptor	0.0041	0.0030	0.0002	0.0301	0.0110	0.0015	0.0062	0.0078	0.0218	0.0711	0.0009	0.0011	0.0008	0.0009	0.0008	0.0010	0.0003	0.0010	0.0006	0.0008	0.0008	0.0009	0.0009	0.0009	0.0029	s/m^2/year
357.65	6368.951	Gridded Receptor	0.0057	0.0041	0.0003	0.0338	0.0127	0.0018	0.0071	0.0091	0.0242	0.0768	0.0013	0.0016	0.0012	0.0012	0.0011	0.0015	0.0005	0.0015	0.0009	0.0012	0.0012	0.0013	0.0013	0.0013	0.0035	s/m^2/year
357.7	6368.951	Gridded Receptor	0.0077	0.0056	0.0004	0.0354	0.0145	0.0021	0.0081	0.0107	0.0246	0.0835	0.0017	0.0020	0.0016	0.0016	0.0014	0.0019	0.0007	0.0019	0.0012	0.0015	0.0016	0.0016	0.0016	0.0016	0.0042	s/m^2/year
357.75	6368.951	Gridded Receptor	0.0094	0.0070	0.0005	0.0357	0.0160	0.0023	0.0090	0.0122	0.0239	0.0872	0.0020	0.0024	0.0018	0.0018	0.0016	0.0023	0.0009	0.0022	0.0014	0.0017	0.0019	0.0018	0.0018	0.0019	0.0052	s/m^2/year
357.8	6368.951	Gridded Receptor	0.0107	0.0079	0.0006	0.0361	0.0176	0.0025	0.0101	0.0139	0.0233	0.0890	0.0024	0.0028	0.0021	0.0021	0.0019	0.0027	0.0011	0.0026	0.0016	0.0020	0.0023	0.0022	0.0021	0.0022	0.0062	s/m^2/year
357.85	6368.951	Gridded Receptor	0.0117	0.0084	0.0007	0.0373	0.0193	0.0028	0.0113	0.0156	0.0236	0.0914	0.0029	0.0035	0.0026	0.0026	0.0024	0.0033	0.0013	0.0032	0.0020	0.0025	0.0028	0.0027	0.0026	0.0027	0.0073	s/m^2/year
357.9	6368.951	Gridded Receptor	0.0123	0.0085	0.0008	0.0379	0.0207	0.0030	0.0123	0.0170	0.0235	0.0917	0.0035	0.0042	0.0032	0.0032	0.0029	0.0040	0.0016	0.0038	0.0024	0.0030	0.0033	0.0032	0.0032	0.0033	0.0082	s/m^2/year
357.95	6368.951	Gridded Receptor	0.0125	0.0083	0.0010	0.0371	0.0214	0.0030	0.0128	0.0177	0.0224	0.0889	0.0040	0.0048	0.0036	0.0036	0.0032	0.0045	0.0018	0.0043	0.0027	0.0034	0.0038	0.0037	0.0036	0.0037	0.0088	s/m^2/year
358	6368.951	Gridded Receptor	0.0120	0.0078	0.0010	0.0346	0.0209	0.0029	0.0127	0.0174	0.0205	0.0822	0.0040	0.0049	0.0035	0.0036	0.0032	0.0046	0.0020	0.0044	0.0027	0.0034	0.0040	0.0036	0.0036	0.0037	0.0090	s/m^2/year
356.5	6369	Gridded Receptor	0.0016	0.0011	0.0002	0.0156	0.0079	0.0011	0.0049	0.0067	0.0099	0.0385	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.55	6369	Gridded Receptor	0.0016	0.0011	0.0002	0.0161	0.0081	0.0011	0.0050	0.0067	0.0102	0.0406	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0033	s/m^2/year
356.6	6369	Gridded Receptor	0.0017	0.0012	0.0002	0.0166	0.0082	0.0011	0.0051	0.0067	0.0106	0.0426	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0033	s/m^2/year
356.65	6369	Gridded Receptor	0.0017	0.0013	0.0002	0.0169	0.0083	0.0010	0.0051	0.0067	0.0108	0.0440	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0033	s/m^2/year
356.7	6369	Gridded Receptor	0.0018	0.0013	0.0002	0.0171	0.0083	0.0010	0.0051	0.0066	0.0110	0.0455	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0033	s/m^2/year
356.75	6369	Gridded Receptor	0.0019	0.0014	0.0002	0.0172	0.0083	0.0010	0.0051	0.0065	0.0112	0.0471	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0033	s/m^2/year
356.8	6369	Gridded Receptor	0.0019	0.0014	0.0002	0.0175	0.0083	0.0010	0.0051	0.0064	0.0114	0.0488	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0032	s/m^2/year
356.85	6369	Gridded Receptor	0.0020	0.0015	0.0002	0.0178	0.0082	0.0009	0.0050	0.0062	0.0118	0.0506	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.9	6369	Gridded Receptor	0.0020	0.0015	0.0002	0.0181	0.0080	0.0009	0.0048	0.0059	0.0122	0.0523	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
356.95	6369	Gridded Receptor	0.0019	0.0014	0.0002	0.0184	0.0077	0.0009	0.0045	0.0054	0.0127	0.0530	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357	6369	Gridded Receptor	0.0018	0.0014	0.0001	0.0183	0.0072	0.0008	0.0042	0.0048	0.0129	0.0532	0.0003	0.0004	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0002	0.0003	0.0023	s/m^2/year
357.05	6369	Gridded Receptor	0.0017	0.0013	0.0001	0.0172	0.0067	0.0008	0.0039	0.0044	0.0122	0.0521	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.1	6369	Gridded Receptor	0.0014	0.0011	0.0001	0.0144	0.0061	0.0007	0.0034	0.0041	0.0096	0.0473	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.15	6369	Gridded Receptor	0.0011	0.0008	0.0001	0.0106	0.0054	0.0007	0.0028	0.0039	0.0060	0.0400	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.2	6369	Gridded Receptor	0.0008	0.0005	0.0001	0.0082	0.0051	0.0006	0.0026	0.0039	0.0038	0.0337	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.25	6369	Gridded Receptor	0.0008	0.0005	0.0001	0.0075	0.0050	0.0007	0.0025	0.0040	0.0031	0.0312	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.3	6369	Gridded Receptor	0.0008	0.0005	0.0001	0.0080	0.0052	0.0007	0.0027	0.0042	0.0034	0.0322	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.35	6369	Gridded Receptor	0.0009	0.0005	0.0001	0.0085	0.0055	0.0008	0.0028	0.0045	0.0035	0.0343	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.4	6369	Gridded Receptor	0.0010	0.0006	0.0001	0.0096	0.0061	0.0009	0.0030	0.0050	0.0040	0.0395	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
357.45	6369	Gridded Receptor	0.0014	0.0009	0.0001	0.0123	0.0070	0.0010	0.0034	0.0055	0.0059	0.0503	0.0004	0.0005	0.0003	0.0004	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0022	s/m^2/year
357.5	6369	Gridded Receptor	0.0021	0.0015	0.0001	0.0180	0.0083	0.0012	0.0042	0.0062	0.0108	0.0654	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0005	0.0023	s/m^2/year
357.55	6369	Gridded Receptor	0.0032	0.0024	0.0002	0.0266	0.0101	0.0014	0.0053	0.0070	0.0184	0.0803	0.0006	0.0007	0.0006	0.0006	0.0005	0.0007	0.0002	0.0007	0.0004	0.0006	0.0005	0.0006	0.0006	0.0006	0.0025	s/m^2/year
357.6	6369	Gridded Receptor	0.0045	0.0034	0.0002	0.0341	0.0120	0.0016	0.0065	0.0079	0.0248	0.0916	0.0009	0.0010	0.0008	0.0008	0.0007	0.0010	0.0003	0.0009	0.0006	0.0008	0.0007	0.0008	0.0008	0.0008	0.0028	s/m^2/year

357.65	6369	Gridded Receptor	0.0063	0.0048	0.0002	0.0378	0.0136	0.0018	0.0074	0.0090	0.0273	0.1004	0.0012	0.0014	0.0011	0.0011	0.0010	0.0013	0.0004	0.0013	0.0008	0.0010	0.0010	0.0011	0.0011	0.0011	0.0033	s/m^2/year
357.7	6369	Gridded Receptor	0.0078	0.0059	0.0003	0.0386	0.0153	0.0021	0.0081	0.0105	0.0267	0.1063	0.0014	0.0017	0.0013	0.0013	0.0012	0.0016	0.0005	0.0016	0.0010	0.0013	0.0013	0.0013	0.0013	0.0014	0.0040	s/m^2/year
357.75	6369	Gridded Receptor	0.0089	0.0066	0.0004	0.0378	0.0168	0.0024	0.0090	0.0123	0.0247	0.1062	0.0017	0.0020	0.0015	0.0015	0.0014	0.0019	0.0007	0.0018	0.0011	0.0014	0.0016	0.0015	0.0015	0.0016	0.0050	s/m^2/year
357.8	6369	Gridded Receptor	0.0096	0.0070	0.0005	0.0374	0.0184	0.0026	0.0101	0.0141	0.0234	0.1018	0.0020	0.0024	0.0018	0.0018	0.0016	0.0023	0.0009	0.0022	0.0013	0.0017	0.0019	0.0018	0.0018	0.0018	0.0061	s/m^2/year
357.85	6369	Gridded Receptor	0.0100	0.0072	0.0006	0.0371	0.0197	0.0028	0.0112	0.0158	0.0225	0.0979	0.0024	0.0029	0.0022	0.0022	0.0020	0.0027	0.0011	0.0026	0.0016	0.0021	0.0023	0.0022	0.0022	0.0022	0.0073	s/m^2/year
357.9	6369	Gridded Receptor	0.0100	0.0069	0.0007	0.0359	0.0203	0.0029	0.0119	0.0166	0.0213	0.0918	0.0028	0.0034	0.0026	0.0026	0.0023	0.0032	0.0012	0.0031	0.0019	0.0024	0.0027	0.0026	0.0026	0.0027	0.0081	s/m^2/year
357.95	6369	Gridded Receptor	0.0100	0.0066	0.0008	0.0341	0.0203	0.0028	0.0121	0.0168	0.0199	0.0846	0.0032	0.0038	0.0028	0.0029	0.0026	0.0036	0.0014	0.0035	0.0022	0.0027	0.0030	0.0029	0.0029	0.0030	0.0085	s/m^2/year
358	6369	Gridded Receptor	0.0096	0.0062	0.0009	0.0316	0.0195	0.0026	0.0118	0.0162	0.0183	0.0772	0.0031	0.0038	0.0028	0.0028	0.0026	0.0037	0.0016	0.0035	0.0021	0.0027	0.0032	0.0029	0.0028	0.0029	0.0085	s/m^2/year
356.5	6369.05	Gridded Receptor	0.0016	0.0011	0.0002	0.0163	0.0082	0.0011	0.0051	0.0069	0.0102	0.0408	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.55	6369.05	Gridded Receptor	0.0017	0.0012	0.0002	0.0168	0.0084	0.0011	0.0051	0.0069	0.0106	0.0431	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.6	6369.05	Gridded Receptor	0.0017	0.0012	0.0002	0.0173	0.0085	0.0011	0.0052	0.0069	0.0110	0.0452	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.65	6369.05	Gridded Receptor	0.0018	0.0013	0.0002	0.0175	0.0085	0.0011	0.0052	0.0068	0.0112	0.0468	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.7	6369.05	Gridded Receptor	0.0018	0.0013	0.0002	0.0177	0.0085	0.0010	0.0051	0.0067	0.0114	0.0487	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0004	0.0033	s/m^2/year
356.75	6369.05	Gridded Receptor	0.0018	0.0014	0.0002	0.0178	0.0084	0.0010	0.0051	0.0065	0.0116	0.0506	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.8	6369.05	Gridded Receptor	0.0019	0.0014	0.0002	0.0180	0.0083	0.0010	0.0050	0.0062	0.0118	0.0526	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.85	6369.05	Gridded Receptor	0.0019	0.0014	0.0002	0.0184	0.0082	0.0009	0.0048	0.0060	0.0121	0.0553	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
356.9	6369.05	Gridded Receptor	0.0019	0.0014	0.0001	0.0185	0.0079	0.0009	0.0046	0.0056	0.0124	0.0571	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
356.95	6369.05	Gridded Receptor	0.0019	0.0014	0.0001	0.0183	0.0075	0.0008	0.0043	0.0050	0.0125	0.0585	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357	6369.05	Gridded Receptor	0.0018	0.0014	0.0001	0.0176	0.0070	0.0007	0.0039	0.0044	0.0122	0.0581	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
357.05	6369.05	Gridded Receptor	0.0016	0.0012	0.0001	0.0159	0.0063	0.0007	0.0034	0.0039	0.0110	0.0551	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.1	6369.05	Gridded Receptor	0.0013	0.0010	0.0001	0.0126	0.0054	0.0006	0.0029	0.0035	0.0082	0.0483	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.15	6369.05	Gridded Receptor	0.0009	0.0006	0.0001	0.0086	0.0045	0.0005	0.0023	0.0032	0.0048	0.0362	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0015	s/m^2/year
357.2	6369.05	Gridded Receptor	0.0006	0.0004	0.0001	0.0065	0.0039	0.0005	0.0020	0.0030	0.0031	0.0275	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0014	s/m^2/year
357.25	6369.05	Gridded Receptor	0.0005	0.0003	0.0001	0.0056	0.0037	0.0005	0.0019	0.0030	0.0023	0.0246	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0013	s/m^2/year
357.3	6369.05	Gridded Receptor	0.0006	0.0003	0.0001	0.0057	0.0038	0.0005	0.0019	0.0031	0.0023	0.0260	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.35	6369.05	Gridded Receptor	0.0006	0.0004	0.0001	0.0064	0.0042	0.0006	0.0020	0.0035	0.0025	0.0284	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.4	6369.05	Gridded Receptor	0.0009	0.0005	0.0001	0.0081	0.0051	0.0008	0.0023	0.0042	0.0032	0.0349	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0015	s/m^2/year
357.45	6369.05	Gridded Receptor	0.0013	0.0008	0.0001	0.0113	0.0063	0.0010	0.0028	0.0050	0.0052	0.0502	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0017	s/m^2/year
357.5	6369.05	Gridded Receptor	0.0020	0.0014	0.0001	0.0162	0.0079	0.0012	0.0036	0.0059	0.0087	0.0745	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0020	s/m^2/year
357.55	6369.05	Gridded Receptor	0.0032	0.0024	0.0001	0.0254	0.0101	0.0014	0.0049	0.0068	0.0165	0.0970	0.0006	0.0007	0.0006	0.0006	0.0005	0.0007	0.0002	0.0007	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0022	s/m^2/year
357.6	6369.05	Gridded Receptor	0.0045	0.0034	0.0002	0.0335	0.0122	0.0016	0.0061	0.0076	0.0233	0.1137	0.0007	0.0009	0.0007	0.0007	0.0006	0.0008	0.0002	0.0008	0.0005	0.0007	0.0006	0.0007	0.0007	0.0007	0.0025	s/m^2/year
357.65	6369.05	Gridded Receptor	0.0057	0.0044	0.0002	0.0368	0.0137	0.0017	0.0069	0.0085	0.0255	0.1227	0.0009	0.0010	0.0008	0.0008	0.0007	0.0010	0.0003	0.0010	0.0006	0.0008	0.0008	0.0008	0.0008	0.0009	0.0030	s/m^2/year
357.7	6369.05	Gridded Receptor	0.0060	0.0045	0.0003	0.0362	0.0148	0.0019	0.0073	0.0096	0.0240	0.1181	0.0010	0.0012	0.0010	0.0010	0.0009	0.0012	0.0004	0.0011	0.0007	0.0009	0.0009	0.0010	0.0010	0.0010	0.0036	s/m^2/year
357.75	6369.05	Gridded Receptor	0.0064	0.0046	0.0003	0.0352	0.0160	0.0022	0.0080	0.0112	0.0219	0.1104	0.0012	0.0014	0.0011	0.0011	0.0010	0.0014	0.0005	0.0013	0.0008	0.0011	0.0011	0.0011	0.0011	0.0011	0.0043	s/m^2/year
357.8	6369.05	Gridded Receptor	0.0066	0.0047	0.0004	0.0341	0.0171	0.0024	0.0090	0.0128	0.0204	0.1006	0.0014	0.0017	0.0012	0.0013	0.0011	0.0016	0.0006	0.0015	0.0009	0.0012	0.0013	0.0013	0.0013	0.0013	0.0054	s/m^2/year
357.85	6369.05	Gridded Receptor	0.0067	0.0047	0.0005	0.0336	0.0181	0.0025	0.0100	0.0142	0.0197	0.0928	0.0016	0.0019	0.0014	0.0015	0.0013	0.0018	0.0008	0.0018	0.0011	0.0014	0.0016	0.0015	0.0015	0.0015	0.0065	s/m^2/year
357.9	6369.05	Gridded Receptor	0.0066	0.0045	0.0006	0.0322	0.0182	0.0024	0.0106	0.0147	0.0188	0.0848	0.0018	0.0022	0.0016	0.0016	0.0015	0.0021	0.0009	0.0020	0.0012	0.0015	0.0018	0.0017	0.0016	0.0017	0.0072	s/m^2/year
357.95	6369.05	Gridded Receptor	0.0065	0.0044	0.0006	0.0301	0.0176	0.0023	0.0106	0.0145	0.0175	0.0768	0.0020	0.0024	0.0017	0.0018	0.0016	0.0023	0.0010	0.0022	0.0013	0.0017	0.0019	0.0018	0.0018	0.0018	0.0074	s/m^2/year
358	6369.05	Gridded Receptor	0.0064	0.0043	0.0006	0.0280	0.0169	0.0022	0.0103	0.0140	0.0163	0.0702	0.0020	0.0024	0.0017	0.0018	0.0016	0.0023	0.0010	0.0022	0.0013	0.0017	0.0020	0.0018	0.0018	0.0018	0.0074	s/m^2/year
356.5	6369.101	Gridded Receptor	0.0017	0.0012	0.0002	0.0169	0.0086	0.0011	0.0052	0.0071	0.0106	0.0428	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.55	6369.101	Gridded Receptor	0.0017	0.0012	0.0002	0.0175	0.0087	0.0011	0.0053	0.0071	0.0110	0.0454	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.6	6369.101	Gridded Receptor	0.0018	0.0013	0.0002	0.0179	0.0087	0.0011	0.0053	0.0070	0.0113	0.0475	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.65	6369.101	Gridded Receptor	0.0018	0.0013	0.0002	0.0181	0.0087	0.0011	0.0052	0.0069	0.0115	0.0493	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.7	6369.101	Gridded Receptor	0.0018	0.0013	0.0002	0.0182	0.0086	0.0010	0.0051	0.0066	0.0117	0.0514	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0004	0.0032	s/m^2/year
356.75	6369.101	Gridded Receptor	0.0018	0.0014	0.0002	0.0183	0.0084	0.0010	0.0050	0.0064	0.0119	0.0536	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.8	6369.101	Gridded Receptor	0.0019	0.0014	0.0002	0.0185	0.0083	0.0010	0.0048	0.0060	0.0121	0.0563	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
356.85	6369.101	Gridded Receptor	0.0019	0.0014	0.0001	0.0188	0.0081	0.0009	0.0046	0.0057	0.0124	0.0592	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.9	6369.101	Gridded Receptor	0.0019	0.0014	0.0001	0.0187	0.0078	0.0009	0.0044	0.0052	0.0125	0.0615	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0024	s/m^2/year
356.95	6369.101	Gridded Receptor	0.0018	0.0014	0.0001	0.0178	0.0073	0.0008	0.0040	0.0046	0.0120	0.0619	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
357	6369.101	Gridded Receptor	0.0016	0.0012	0.0001	0.0161	0.0066	0.0007	0.0035	0.0041	0.0108	0.0597	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.05	6369.101	Gridded Receptor	0.0014	0.0011	0.0001	0.0136	0.0057	0.0006	0.0030	0.0036	0.0089	0.0547	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.1	6369.101	Gridded Receptor	0.0011	0.0008	0.0001	0.0104	0.0046	0.0005	0.0024	0.0030	0.0065	0.0469	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002	0.0014	s/m^2/year
357.15	6369.101	Gridded Receptor	0.0008	0.0006	0.0001	0.0075	0.0035	0.0004	0.0019	0.0024	0.0046	0.0351	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0011	s/m^2/year
357.2	6369.101	Gridded Receptor	0.0005	0.0003	0.0000	0.0050	0.0027	0.0003	0.0014	0.0020	0.0026	0.0240	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.25	6369.101	Gridded Receptor	0.0004	0.0002	0.0000	0.0039	0.0025	0.0004	0.0011	0.0020	0.0016	0.0187	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0008	s/m^2/year

357.3	6369.101	Gridded Receptor	0.0004	0.0002	0.0000	0.0039	0.0025	0.0004	0.0011	0.0020	0.0014	0.0195	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.35	6369.101	Gridded Receptor	0.0005	0.0003	0.0000	0.0044	0.0028	0.0005	0.0012	0.0023	0.0016	0.0224	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0008	s/m^2/year
357.4	6369.101	Gridded Receptor	0.0007	0.0004	0.0000	0.0061	0.0036	0.0007	0.0014	0.0031	0.0022	0.0321	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0008	s/m^2/year
357.45	6369.101	Gridded Receptor	0.0013	0.0008	0.0001	0.0098	0.0051	0.0009	0.0020	0.0041	0.0044	0.0543	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0010	s/m^2/year
357.5	6369.101	Gridded Receptor	0.0021	0.0014	0.0001	0.0150	0.0072	0.0011	0.0029	0.0051	0.0077	0.0830	0.0005	0.0005	0.0004	0.0004	0.0004	0.0005	0.0001	0.0005	0.0003	0.0004	0.0003	0.0004	0.0004	0.0004	0.0014	s/m^2/year
357.55	6369.101	Gridded Receptor	0.0029	0.0020	0.0001	0.0197	0.0090	0.0013	0.0037	0.0059	0.0109	0.1069	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0001	0.0006	0.0004	0.0005	0.0004	0.0005	0.0005	0.0005	0.0018	s/m^2/year
357.6	6369.101	Gridded Receptor	0.0035	0.0026	0.0001	0.0250	0.0108	0.0014	0.0046	0.0066	0.0149	0.1178	0.0006	0.0007	0.0006	0.0006	0.0005	0.0007	0.0002	0.0007	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0022	s/m^2/year
357.65	6369.101	Gridded Receptor	0.0038	0.0028	0.0002	0.0277	0.0122	0.0015	0.0053	0.0074	0.0167	0.1158	0.0007	0.0008	0.0006	0.0006	0.0006	0.0007	0.0002	0.0007	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006	0.0026	s/m^2/year
357.7	6369.101	Gridded Receptor	0.0039	0.0027	0.0002	0.0280	0.0127	0.0016	0.0058	0.0080	0.0168	0.1045	0.0007	0.0008	0.0007	0.0007	0.0006	0.0008	0.0003	0.0008	0.0005	0.0006	0.0006	0.0007	0.0007	0.0007	0.0030	s/m^2/year
357.75	6369.101	Gridded Receptor	0.0039	0.0027	0.0002	0.0281	0.0133	0.0018	0.0063	0.0090	0.0167	0.0942	0.0008	0.0009	0.0007	0.0007	0.0007	0.0009	0.0003	0.0009	0.0005	0.0007	0.0007	0.0007	0.0007	0.0007	0.0035	s/m^2/year
357.8	6369.101	Gridded Receptor	0.0040	0.0028	0.0003	0.0280	0.0140	0.0019	0.0071	0.0101	0.0164	0.0868	0.0009	0.0011	0.0008	0.0008	0.0007	0.0010	0.0004	0.0010	0.0006	0.0008	0.0008	0.0008	0.0008	0.0008	0.0043	s/m^2/year
357.85	6369.101	Gridded Receptor	0.0041	0.0028	0.0003	0.0281	0.0148	0.0020	0.0080	0.0113	0.0164	0.0815	0.0010	0.0012	0.0009	0.0009	0.0008	0.0011	0.0005	0.0011	0.0007	0.0008	0.0010	0.0009	0.0009	0.0009	0.0052	s/m^2/year
357.9	6369.101	Gridded Receptor	0.0041	0.0028	0.0004	0.0274	0.0150	0.0020	0.0086	0.0119	0.0160	0.0761	0.0011	0.0013	0.0009	0.0010	0.0009	0.0012	0.0006	0.0012	0.0007	0.0009	0.0011	0.0010	0.0010	0.0010	0.0058	s/m^2/year
357.95	6369.101	Gridded Receptor	0.0040	0.0027	0.0004	0.0259	0.0147	0.0019	0.0087	0.0119	0.0151	0.0695	0.0011	0.0014	0.0010	0.0010	0.0009	0.0013	0.0006	0.0012	0.0008	0.0009	0.0012	0.0010	0.0010	0.0010	0.0060	s/m^2/year
358	6369.101	Gridded Receptor	0.0039	0.0027	0.0004	0.0243	0.0141	0.0019	0.0085	0.0117	0.0141	0.0635	0.0011	0.0014	0.0010	0.0010	0.0009	0.0014	0.0006	0.0013	0.0008	0.0010	0.0012	0.0010	0.0010	0.0010	0.0060	s/m^2/year
356.5	6369.15	Gridded Receptor	0.0017	0.0012	0.0002	0.0177	0.0089	0.0012	0.0055	0.0075	0.0110	0.0445	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.55	6369.15	Gridded Receptor	0.0018	0.0013	0.0002	0.0184	0.0091	0.0012	0.0055	0.0075	0.0115	0.0475	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6369.15	Gridded Receptor	0.0018	0.0013	0.0002	0.0186	0.0091	0.0012	0.0054	0.0073	0.0118	0.0494	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.65	6369.15	Gridded Receptor	0.0019	0.0013	0.0002	0.0188	0.0090	0.0011	0.0054	0.0071	0.0120	0.0515	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.7	6369.15	Gridded Receptor	0.0019	0.0014	0.0002	0.0189	0.0088	0.0011	0.0052	0.0067	0.0122	0.0537	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0032	s/m^2/year
356.75	6369.15	Gridded Receptor	0.0019	0.0014	0.0002	0.0190	0.0086	0.0010	0.0050	0.0063	0.0123	0.0563	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
356.8	6369.15	Gridded Receptor	0.0019	0.0014	0.0001	0.0192	0.0084	0.0010	0.0048	0.0059	0.0126	0.0597	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0028	s/m^2/year
356.85	6369.15	Gridded Receptor	0.0020	0.0015	0.0001	0.0196	0.0082	0.0009	0.0045	0.0055	0.0130	0.0634	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356.9	6369.15	Gridded Receptor	0.0020	0.0015	0.0001	0.0192	0.0078	0.0008	0.0042	0.0050	0.0129	0.0659	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
356.95	6369.15	Gridded Receptor	0.0018	0.0014	0.0001	0.0176	0.0071	0.0007	0.0038	0.0044	0.0118	0.0649	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357	6369.15	Gridded Receptor	0.0016	0.0012	0.0001	0.0152	0.0063	0.0007	0.0033	0.0039	0.0099	0.0605	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.05	6369.15	Gridded Receptor	0.0013	0.0010	0.0001	0.0122	0.0054	0.0006	0.0028	0.0035	0.0076	0.0540	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.1	6369.15	Gridded Receptor	0.0011	0.0008	0.0001	0.0098	0.0043	0.0005	0.0022	0.0029	0.0060	0.0475	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0012	s/m^2/year
357.15	6369.15	Gridded Receptor	0.0008	0.0006	0.0000	0.0069	0.0032	0.0004	0.0016	0.0022	0.0041	0.0374	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.2	6369.15	Gridded Receptor	0.0004	0.0003	0.0000	0.0042	0.0022	0.0003	0.0011	0.0017	0.0021	0.0219	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.25	6369.15	Gridded Receptor	0.0003	0.0002	0.0000	0.0032	0.0019	0.0003	0.0008	0.0016	0.0013	0.0128	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.3	6369.15	Gridded Receptor	0.0003	0.0001	0.0000	0.0032	0.0020	0.0004	0.0008	0.0017	0.0012	0.0122	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.35	6369.15	Gridded Receptor	0.0004	0.0002	0.0000	0.0039	0.0024	0.0005	0.0009	0.0022	0.0013	0.0150	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0005	s/m^2/year
357.4	6369.15	Gridded Receptor	0.0007	0.0004	0.0000	0.0055	0.0033	0.0007	0.0011	0.0030	0.0018	0.0306	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0000	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0006	s/m^2/year
357.45	6369.15	Gridded Receptor	0.0013	0.0009	0.0000	0.0085	0.0047	0.0009	0.0015	0.0039	0.0031	0.0636	0.0004	0.0004	0.0004	0.0004	0.0003	0.0004	0.0000	0.0004	0.0003	0.0003	0.0002	0.0004	0.0004	0.0004	0.0007	s/m^2/year
357.5	6369.15	Gridded Receptor	0.0020	0.0014	0.0000	0.0119	0.0062	0.0011	0.0021	0.0045	0.0051	0.0909	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0001	0.0005	0.0003	0.0004	0.0003	0.0004	0.0004	0.0004	0.0010	s/m^2/year
357.55	6369.15	Gridded Receptor	0.0023	0.0016	0.0001	0.0149	0.0078	0.0012	0.0027	0.0051	0.0067	0.0947	0.0005	0.0005	0.0004	0.0004	0.0004	0.0005	0.0001	0.0005	0.0003	0.0004	0.0003	0.0005	0.0004	0.0005	0.0014	s/m^2/year
357.6	6369.15	Gridded Receptor	0.0025	0.0017	0.0001	0.0175	0.0091	0.0012	0.0034	0.0055	0.0084	0.0923	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0001	0.0005	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0018	s/m^2/year
357.65	6369.15	Gridded Receptor	0.0026	0.0018	0.0001	0.0196	0.0098	0.0012	0.0040	0.0059	0.0103	0.0878	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0021	s/m^2/year
357.7	6369.15	Gridded Receptor	0.0026	0.0018	0.0001	0.0207	0.0101	0.0012	0.0044	0.0062	0.0116	0.0822	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0024	s/m^2/year
357.75	6369.15	Gridded Receptor	0.0026	0.0018	0.0002	0.0210	0.0101	0.0013	0.0047	0.0067	0.0121	0.0753	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0002	0.0006	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0027	s/m^2/year
357.8	6369.15	Gridded Receptor	0.0027	0.0019	0.0002	0.0216	0.0107	0.0014	0.0053	0.0076	0.0125	0.0717	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0031	s/m^2/year
357.85	6369.15	Gridded Receptor	0.0028	0.0019	0.0002	0.0226	0.0117	0.0016	0.0061	0.0088	0.0130	0.0699	0.0007	0.0008	0.0006	0.0006	0.0006	0.0008	0.0003	0.0007	0.0005	0.0006	0.0007	0.0006	0.0006	0.0006	0.0038	s/m^2/year
357.9	6369.15	Gridded Receptor	0.0029	0.0020	0.0003	0.0229	0.0123	0.0017	0.0068	0.0096	0.0132	0.0668	0.0008	0.0009	0.0007	0.0007	0.0006	0.0009	0.0004	0.0008	0.0005	0.0006	0.0008	0.0007	0.0007	0.0007	0.0044	s/m^2/year
357.95	6369.15	Gridded Receptor	0.0028	0.0019	0.0003	0.0223	0.0124	0.0017	0.0071	0.0100	0.0128	0.0620	0.0008	0.0010	0.0007	0.0007	0.0006	0.0009	0.0004	0.0009	0.0005	0.0007	0.0008	0.0007	0.0007	0.0007	0.0048	s/m^2/year
358	6369.15	Gridded Receptor	0.0027	0.0018	0.0003	0.0210	0.0119	0.0016	0.0070	0.0098	0.0121	0.0562	0.0008	0.0010	0.0007	0.0007	0.0006	0.0009	0.0004	0.0009	0.0005	0.0007	0.0008	0.0007	0.0007	0.0007	0.0048	s/m^2/year
356.5	6369.201	Gridded Receptor	0.0018	0.0012	0.0002	0.0183	0.0093	0.0012	0.0057	0.0078	0.0113	0.0462	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.55	6369.201	Gridded Receptor	0.0019	0.0013	0.0002	0.0192	0.0095	0.0013	0.0058	0.0078	0.0120	0.0495	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.6	6369.201	Gridded Receptor	0.0019	0.0014	0.0002	0.0197	0.0096	0.0012	0.0057	0.0077	0.0124	0.0519	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.65	6369.201	Gridded Receptor	0.0019	0.0014	0.0002	0.0198	0.0094	0.0012	0.0056	0.0074	0.0126	0.0542	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.7	6369.201	Gridded Receptor	0.0019	0.0014	0.0002	0.0199	0.0092	0.0011	0.0054	0.0070	0.0128	0.0564	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.75	6369.201	Gridded Receptor	0.0020	0.0014	0.0002	0.0200	0.0089	0.0010	0.0052	0.0065	0.0130	0.0593	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.8	6369.201	Gridded Receptor	0.0020	0.0015	0.0001	0.0203	0.0087	0.0010	0.0049	0.0061	0.0134	0.0635	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0028	s/m^2/year
356.85	6369.201	Gridded Receptor	0.0021	0.0016	0.0001	0.0207	0.0085	0.0009	0.0046	0.0056	0.0138	0.0679	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356.9	6369.201	Gridded Receptor	0.0021	0.0016	0.0001	0.0202	0.0080	0.0008	0.0043	0.0049	0.0137	0.0707	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0022	s/m^2/year

356.95	6369.201	Gridded Receptor	0.0019	0.0015	0.0001	0.0184	0.0072	0.0007	0.0038	0.0043	0.0125	0.0689	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357	6369.201	Gridded Receptor	0.0017	0.0013	0.0001	0.0157	0.0063	0.0007	0.0033	0.0039	0.0103	0.0636	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.05	6369.201	Gridded Receptor	0.0014	0.0010	0.0001	0.0128	0.0055	0.0007	0.0027	0.0036	0.0080	0.0571	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.1	6369.201	Gridded Receptor	0.0012	0.0009	0.0001	0.0108	0.0047	0.0006	0.0022	0.0032	0.0065	0.0521	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.15	6369.201	Gridded Receptor	0.0008	0.0006	0.0000	0.0069	0.0033	0.0005	0.0016	0.0024	0.0039	0.0370	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.2	6369.201	Gridded Receptor	0.0004	0.0003	0.0000	0.0036	0.0020	0.0003	0.0010	0.0015	0.0019	0.0198	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.25	6369.201	Gridded Receptor	0.0002	0.0001	0.0000	0.0025	0.0014	0.0002	0.0007	0.0011	0.0012	0.0084	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0004	s/m^2/year
357.3	6369.201	Gridded Receptor	0.0002	0.0001	0.0000	0.0025	0.0014	0.0003	0.0006	0.0011	0.0011	0.0073	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	s/m^2/year
357.35	6369.201	Gridded Receptor	0.0003	0.0001	0.0000	0.0036	0.0021	0.0005	0.0007	0.0021	0.0012	0.0091	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0003	s/m^2/year
357.4	6369.201	Gridded Receptor	0.0007	0.0004	0.0000	0.0057	0.0035	0.0009	0.0010	0.0035	0.0015	0.0260	0.0004	0.0004	0.0004	0.0004	0.0003	0.0004	0.0000	0.0004	0.0003	0.0003	0.0002	0.0004	0.0004	0.0004	0.0004	s/m^2/year
357.45	6369.201	Gridded Receptor	0.0013	0.0008	0.0000	0.0075	0.0046	0.0011	0.0013	0.0041	0.0020	0.0560	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0000	0.0005	0.0003	0.0004	0.0003	0.0004	0.0004	0.0004	0.0006	s/m^2/year
357.5	6369.201	Gridded Receptor	0.0016	0.0010	0.0000	0.0095	0.0057	0.0010	0.0017	0.0041	0.0032	0.0674	0.0004	0.0004	0.0004	0.0004	0.0003	0.0004	0.0001	0.0004	0.0003	0.0004	0.0003	0.0004	0.0004	0.0004	0.0009	s/m^2/year
357.55	6369.201	Gridded Receptor	0.0017	0.0011	0.0001	0.0113	0.0063	0.0009	0.0022	0.0040	0.0048	0.0665	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0004	0.0011	s/m^2/year
357.6	6369.201	Gridded Receptor	0.0017	0.0012	0.0001	0.0127	0.0069	0.0009	0.0026	0.0042	0.0059	0.0662	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0014	s/m^2/year
357.65	6369.201	Gridded Receptor	0.0019	0.0013	0.0001	0.0144	0.0074	0.0009	0.0030	0.0045	0.0073	0.0664	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0016	s/m^2/year
357.7	6369.201	Gridded Receptor	0.0020	0.0014	0.0001	0.0159	0.0079	0.0010	0.0034	0.0049	0.0086	0.0654	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0018	s/m^2/year
357.75	6369.201	Gridded Receptor	0.0020	0.0014	0.0001	0.0167	0.0081	0.0010	0.0037	0.0053	0.0094	0.0619	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0020	s/m^2/year
357.8	6369.201	Gridded Receptor	0.0021	0.0014	0.0001	0.0174	0.0086	0.0012	0.0041	0.0060	0.0099	0.0591	0.0005	0.0005	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0024	s/m^2/year
357.85	6369.201	Gridded Receptor	0.0022	0.0015	0.0002	0.0186	0.0094	0.0013	0.0048	0.0070	0.0106	0.0583	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0002	0.0006	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0029	s/m^2/year
357.9	6369.201	Gridded Receptor	0.0023	0.0015	0.0002	0.0193	0.0101	0.0014	0.0054	0.0078	0.0111	0.0567	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0034	s/m^2/year
357.95	6369.201	Gridded Receptor	0.0023	0.0015	0.0002	0.0193	0.0104	0.0014	0.0059	0.0083	0.0112	0.0538	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0003	0.0007	0.0004	0.0005	0.0006	0.0006	0.0005	0.0006	0.0039	s/m^2/year
358	6369.201	Gridded Receptor	0.0022	0.0015	0.0002	0.0185	0.0102	0.0014	0.0059	0.0083	0.0107	0.0495	0.0006	0.0007	0.0005	0.0005	0.0005	0.0007	0.0003	0.0007	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0040	s/m^2/year
356.5	6369.25	Gridded Receptor	0.0018	0.0013	0.0002	0.0189	0.0098	0.0013	0.0060	0.0083	0.0115	0.0482	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0040	s/m^2/year
356.55	6369.25	Gridded Receptor	0.0019	0.0013	0.0002	0.0197	0.0100	0.0013	0.0060	0.0083	0.0121	0.0517	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.6	6369.25	Gridded Receptor	0.0020	0.0014	0.0002	0.0203	0.0101	0.0013	0.0060	0.0082	0.0125	0.0543	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.65	6369.25	Gridded Receptor	0.0020	0.0014	0.0002	0.0206	0.0100	0.0013	0.0059	0.0080	0.0128	0.0572	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.7	6369.25	Gridded Receptor	0.0020	0.0015	0.0002	0.0208	0.0098	0.0012	0.0057	0.0075	0.0132	0.0602	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.75	6369.25	Gridded Receptor	0.0021	0.0015	0.0002	0.0209	0.0095	0.0011	0.0054	0.0070	0.0134	0.0635	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.8	6369.25	Gridded Receptor	0.0021	0.0016	0.0002	0.0213	0.0093	0.0011	0.0051	0.0065	0.0138	0.0681	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0029	s/m^2/year
356.85	6369.25	Gridded Receptor	0.0022	0.0016	0.0001	0.0216	0.0090	0.0010	0.0048	0.0059	0.0142	0.0728	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
356.9	6369.25	Gridded Receptor	0.0021	0.0016	0.0001	0.0210	0.0085	0.0009	0.0045	0.0051	0.0140	0.0759	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
356.95	6369.25	Gridded Receptor	0.0020	0.0015	0.0001	0.0192	0.0076	0.0008	0.0039	0.0045	0.0128	0.0744	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0002	0.0003	0.0019	s/m^2/year
357	6369.25	Gridded Receptor	0.0018	0.0013	0.0001	0.0164	0.0066	0.0007	0.0033	0.0041	0.0107	0.0690	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.05	6369.25	Gridded Receptor	0.0015	0.0011	0.0001	0.0135	0.0057	0.0008	0.0027	0.0039	0.0084	0.0639	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.1	6369.25	Gridded Receptor	0.0013	0.0010	0.0001	0.0114	0.0048	0.0007	0.0022	0.0034	0.0069	0.0583	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.15	6369.25	Gridded Receptor	0.0008	0.0006	0.0000	0.0072	0.0034	0.0005	0.0016	0.0025	0.0041	0.0389	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.2	6369.25	Gridded Receptor	0.0003	0.0002	0.0000	0.0035	0.0018	0.0002	0.0009	0.0012	0.0019	0.0163	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0006	s/m^2/year
357.25	6369.25	Gridded Receptor	0.0001	0.0001	0.0000	0.0020	0.0010	0.0001	0.0005	0.0007	0.0012	0.0064	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	s/m^2/year
357.3	6369.25	Gridded Receptor	0.0001	0.0001	0.0000	0.0018	0.0009	0.0002	0.0004	0.0007	0.0010	0.0057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	s/m^2/year
357.35	6369.25	Gridded Receptor	0.0003	0.0001	0.0000	0.0027	0.0014	0.0004	0.0005	0.0014	0.0010	0.0078	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	s/m^2/year
357.4	6369.25	Gridded Receptor	0.0006	0.0003	0.0000	0.0049	0.0030	0.0008	0.0007	0.0030	0.0012	0.0158	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0000	0.0004	0.0003	0.0003	0.0002	0.0003	0.0003	0.0004	0.0002	s/m^2/year
357.45	6369.25	Gridded Receptor	0.0008	0.0005	0.0000	0.0060	0.0036	0.0008	0.0009	0.0030	0.0018	0.0303	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0000	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0004	s/m^2/year
357.5	6369.25	Gridded Receptor	0.0011	0.0007	0.0000	0.0074	0.0041	0.0007	0.0013	0.0029	0.0029	0.0420	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0000	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0006	s/m^2/year
357.55	6369.25	Gridded Receptor	0.0013	0.0009	0.0000	0.0090	0.0046	0.0007	0.0017	0.0030	0.0043	0.0476	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0008	s/m^2/year
357.6	6369.25	Gridded Receptor	0.0014	0.0010	0.0001	0.0103	0.0051	0.0007	0.0019	0.0032	0.0052	0.0495	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0010	s/m^2/year
357.65	6369.25	Gridded Receptor	0.0015	0.0011	0.0001	0.0119	0.0058	0.0007	0.0023	0.0035	0.0063	0.0523	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0012	s/m^2/year
357.7	6369.25	Gridded Receptor	0.0017	0.0012	0.0001	0.0134	0.0064	0.0008	0.0027	0.0040	0.0074	0.0540	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0014	s/m^2/year
357.75	6369.25	Gridded Receptor	0.0017	0.0012	0.0001	0.0144	0.0068	0.0009	0.0030	0.0044	0.0082	0.0533	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0016	s/m^2/year
357.8	6369.25	Gridded Receptor	0.0018	0.0012	0.0001	0.0150	0.0072	0.0010	0.0034	0.0050	0.0087	0.0515	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0019	s/m^2/year
357.85	6369.25	Gridded Receptor	0.0019	0.0013	0.0001	0.0158	0.0078	0.0011	0.0039	0.0057	0.0091	0.0506	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0023	s/m^2/year
357.9	6369.25	Gridded Receptor	0.0019	0.0013	0.0002	0.0163	0.0083	0.0012	0.0044	0.0064	0.0095	0.0494	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0027	s/m^2/year
357.95	6369.25	Gridded Receptor	0.0019	0.0013	0.0002	0.0164	0.0086	0.0012	0.0048	0.0068	0.0096	0.0472	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0031	s/m^2/year
358	6369.25	Gridded Receptor	0.0018	0.0013	0.0002	0.0160	0.0086	0.0012	0.0050	0.0070	0.0094	0.0444	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.5	6369.3	Gridded Receptor	0.0019	0.0013	0.0002	0.0191	0.0102	0.0014	0.0062	0.0088	0.0112	0.0492	0.0005	0.0006	0.0004	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0042	s/m^2/year
356.55	6369.3	Gridded Receptor	0.0019	0.0013	0.0002	0.0199	0.0105	0.0014	0.0063	0.0088	0.0118	0.0527	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0042	s/m^2/year

356.6	6369.3	Gridded Receptor	0.0020	0.0014	0.0002	0.0204	0.0106	0.0014	0.0063	0.0087	0.0122	0.0553	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0041	s/m^2/year
356.65	6369.3	Gridded Receptor	0.0020	0.0014	0.0002	0.0208	0.0106	0.0014	0.0062	0.0085	0.0125	0.0584	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0004	0.0004	0.0005	0.0040	s/m^2/year
356.7	6369.3	Gridded Receptor	0.0021	0.0015	0.0002	0.0211	0.0105	0.0013	0.0060	0.0081	0.0128	0.0621	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.75	6369.3	Gridded Receptor	0.0021	0.0015	0.0002	0.0212	0.0102	0.0012	0.0057	0.0076	0.0130	0.0656	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.8	6369.3	Gridded Receptor	0.0021	0.0015	0.0002	0.0214	0.0099	0.0012	0.0053	0.0070	0.0132	0.0701	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.85	6369.3	Gridded Receptor	0.0022	0.0016	0.0001	0.0215	0.0096	0.0011	0.0050	0.0063	0.0134	0.0743	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0028	s/m^2/year
356.9	6369.3	Gridded Receptor	0.0021	0.0016	0.0001	0.0209	0.0090	0.0009	0.0046	0.0056	0.0132	0.0775	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0025	s/m^2/year
356.95	6369.3	Gridded Receptor	0.0020	0.0015	0.0001	0.0193	0.0082	0.0009	0.0040	0.0050	0.0121	0.0765	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0021	s/m^2/year
357	6369.3	Gridded Receptor	0.0018	0.0013	0.0001	0.0167	0.0073	0.0009	0.0035	0.0047	0.0102	0.0711	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0018	s/m^2/year
357.05	6369.3	Gridded Receptor	0.0015	0.0011	0.0001	0.0138	0.0063	0.0009	0.0028	0.0044	0.0078	0.0650	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0014	s/m^2/year
357.1	6369.3	Gridded Receptor	0.0013	0.0009	0.0001	0.0114	0.0052	0.0008	0.0023	0.0038	0.0064	0.0591	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0011	s/m^2/year
357.15	6369.3	Gridded Receptor	0.0008	0.0006	0.0000	0.0072	0.0033	0.0004	0.0016	0.0022	0.0042	0.0392	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.2	6369.3	Gridded Receptor	0.0003	0.0003	0.0000	0.0035	0.0016	0.0002	0.0009	0.0010	0.0022	0.0164	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0005	s/m^2/year
357.25	6369.3	Gridded Receptor	0.0001	0.0001	0.0000	0.0019	0.0008	0.0001	0.0004	0.0005	0.0013	0.0062	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	s/m^2/year
357.3	6369.3	Gridded Receptor	0.0001	0.0001	0.0000	0.0016	0.0007	0.0001	0.0003	0.0005	0.0010	0.0052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	s/m^2/year
357.35	6369.3	Gridded Receptor	0.0001	0.0001	0.0000	0.0019	0.0009	0.0002	0.0003	0.0007	0.0010	0.0056	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	s/m^2/year
357.4	6369.3	Gridded Receptor	0.0004	0.0002	0.0000	0.0031	0.0016	0.0005	0.0005	0.0017	0.0012	0.0099	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	s/m^2/year
357.45	6369.3	Gridded Receptor	0.0007	0.0004	0.0000	0.0045	0.0024	0.0006	0.0007	0.0022	0.0017	0.0228	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0000	0.0003	0.0002	0.0002	0.0001	0.0003	0.0003	0.0003	0.0002	s/m^2/year
357.5	6369.3	Gridded Receptor	0.0009	0.0006	0.0000	0.0058	0.0029	0.0006	0.0009	0.0023	0.0026	0.0334	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0000	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0004	s/m^2/year
357.55	6369.3	Gridded Receptor	0.0011	0.0007	0.0000	0.0072	0.0034	0.0006	0.0012	0.0024	0.0036	0.0391	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0000	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	s/m^2/year
357.6	6369.3	Gridded Receptor	0.0012	0.0008	0.0000	0.0086	0.0040	0.0006	0.0015	0.0026	0.0046	0.0417	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0000	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0007	s/m^2/year
357.65	6369.3	Gridded Receptor	0.0014	0.0010	0.0000	0.0104	0.0047	0.0006	0.0019	0.0029	0.0059	0.0456	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0009	s/m^2/year
357.7	6369.3	Gridded Receptor	0.0015	0.0011	0.0001	0.0119	0.0053	0.0007	0.0022	0.0034	0.0069	0.0474	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0011	s/m^2/year
357.75	6369.3	Gridded Receptor	0.0016	0.0011	0.0001	0.0130	0.0058	0.0008	0.0026	0.0038	0.0076	0.0478	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0013	s/m^2/year
357.8	6369.3	Gridded Receptor	0.0016	0.0012	0.0001	0.0135	0.0062	0.0008	0.0029	0.0042	0.0080	0.0464	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0015	s/m^2/year
357.85	6369.3	Gridded Receptor	0.0017	0.0012	0.0001	0.0141	0.0067	0.0009	0.0033	0.0048	0.0083	0.0455	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0019	s/m^2/year
357.9	6369.3	Gridded Receptor	0.0017	0.0012	0.0001	0.0144	0.0071	0.0010	0.0037	0.0053	0.0085	0.0440	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0022	s/m^2/year
357.95	6369.3	Gridded Receptor	0.0017	0.0012	0.0001	0.0145	0.0074	0.0010	0.0040	0.0057	0.0085	0.0423	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0025	s/m^2/year
358	6369.3	Gridded Receptor	0.0016	0.0011	0.0002	0.0143	0.0075	0.0010	0.0043	0.0060	0.0084	0.0402	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0028	s/m^2/year
356.5	6369.351	Gridded Receptor	0.0018	0.0012	0.0002	0.0191	0.0106	0.0015	0.0065	0.0092	0.0109	0.0491	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0004	0.0006	0.0005	0.0005	0.0005	0.0045	s/m^2/year
356.55	6369.351	Gridded Receptor	0.0019	0.0013	0.0002	0.0198	0.0108	0.0015	0.0065	0.0092	0.0114	0.0521	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0004	0.0006	0.0005	0.0005	0.0005	0.0044	s/m^2/year
356.6	6369.351	Gridded Receptor	0.0019	0.0013	0.0002	0.0201	0.0109	0.0014	0.0065	0.0091	0.0116	0.0542	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0004	0.0006	0.0005	0.0005	0.0005	0.0044	s/m^2/year
356.65	6369.351	Gridded Receptor	0.0020	0.0013	0.0002	0.0204	0.0108	0.0014	0.0063	0.0088	0.0119	0.0568	0.0005	0.0006	0.0004	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0042	s/m^2/year
356.7	6369.351	Gridded Receptor	0.0020	0.0014	0.0002	0.0207	0.0107	0.0013	0.0062	0.0085	0.0122	0.0603	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0041	s/m^2/year
356.75	6369.351	Gridded Receptor	0.0020	0.0014	0.0002	0.0209	0.0106	0.0013	0.0059	0.0080	0.0123	0.0639	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.8	6369.351	Gridded Receptor	0.0021	0.0014	0.0002	0.0210	0.0103	0.0012	0.0055	0.0074	0.0124	0.0677	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.85	6369.351	Gridded Receptor	0.0021	0.0015	0.0002	0.0208	0.0099	0.0011	0.0051	0.0067	0.0124	0.0710	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.9	6369.351	Gridded Receptor	0.0020	0.0015	0.0001	0.0203	0.0093	0.0010	0.0047	0.0059	0.0122	0.0736	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.95	6369.351	Gridded Receptor	0.0019	0.0014	0.0001	0.0190	0.0086	0.0009	0.0042	0.0054	0.0114	0.0725	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357	6369.351	Gridded Receptor	0.0017	0.0012	0.0001	0.0168	0.0077	0.0009	0.0036	0.0050	0.0098	0.0670	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
357.05	6369.351	Gridded Receptor	0.0015	0.0010	0.0001	0.0142	0.0067	0.0009	0.0030	0.0047	0.0078	0.0598	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0016	s/m^2/year
357.1	6369.351	Gridded Receptor	0.0013	0.0009	0.0001	0.0118	0.0056	0.0009	0.0025	0.0042	0.0063	0.0545	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0013	s/m^2/year
357.15	6369.351	Gridded Receptor	0.0009	0.0007	0.0000	0.0086	0.0038	0.0005	0.0019	0.0025	0.0053	0.0409	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0010	s/m^2/year
357.2	6369.351	Gridded Receptor	0.0005	0.0005	0.0000	0.0050	0.0018	0.0002	0.0010	0.0011	0.0036	0.0264	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0005	s/m^2/year
357.25	6369.351	Gridded Receptor	0.0003	0.0002	0.0000	0.0026	0.0008	0.0001	0.0005	0.0005	0.0020	0.0121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	s/m^2/year
357.3	6369.351	Gridded Receptor	0.0002	0.0001	0.0000	0.0020	0.0007	0.0001	0.0004	0.0004	0.0015	0.0069	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	s/m^2/year
357.35	6369.351	Gridded Receptor	0.0002	0.0001	0.0000	0.0021	0.0008	0.0002	0.0004	0.0007	0.0013	0.0068	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	s/m^2/year
357.4	6369.351	Gridded Receptor	0.0005	0.0002	0.0000	0.0034	0.0016	0.0005	0.0005	0.0017	0.0015	0.0116	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0000	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0001	s/m^2/year
357.45	6369.351	Gridded Receptor	0.0007	0.0004	0.0000	0.0048	0.0022	0.0006	0.0007	0.0021	0.0022	0.0210	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0000	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0002	s/m^2/year
357.5	6369.351	Gridded Receptor	0.0009	0.0005	0.0000	0.0060	0.0027	0.0006	0.0009	0.0022	0.0031	0.0309	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0000	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0002	s/m^2/year
357.55	6369.351	Gridded Receptor	0.0010	0.0006	0.0000	0.0068	0.0031	0.0005	0.0011	0.0022	0.0036	0.0350	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0000	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0004	s/m^2/year
357.6	6369.351	Gridded Receptor	0.0011	0.0007	0.0000	0.0079	0.0035	0.0005	0.0013	0.0023	0.0044	0.0377	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0000	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0005	s/m^2/year
357.65	6369.351	Gridded Receptor	0.0013	0.0009	0.0000	0.0095	0.0041	0.0006	0.0016	0.0026	0.0055	0.0417	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0007	s/m^2/year
357.7	6369.351	Gridded Receptor	0.0014	0.0009	0.0001	0.0107	0.0047	0.0006	0.0019	0.0030	0.0063	0.0434	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0009	s/m^2/year
357.75	6369.351	Gridded Receptor	0.0015	0.0010	0.0001	0.0117	0.0051	0.0007	0.0022	0.0033	0.0070	0.0440	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0011	s/m^2/year

357.8	6369.351	Gridded Receptor	0.0015	0.0010	0.0001	0.0122	0.0055	0.0008	0.0025	0.0037	0.0073	0.0430	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0013	s/m^2/year
357.85	6369.351	Gridded Receptor	0.0015	0.0011	0.0001	0.0128	0.0059	0.0008	0.0029	0.0042	0.0077	0.0422	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0016	s/m^2/year
357.9	6369.351	Gridded Receptor	0.0016	0.0011	0.0001	0.0132	0.0063	0.0009	0.0032	0.0047	0.0079	0.0411	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0004	0.0019	s/m^2/year
357.95	6369.351	Gridded Receptor	0.0016	0.0011	0.0001	0.0133	0.0065	0.0009	0.0035	0.0050	0.0080	0.0394	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0022	s/m^2/year
358	6369.351	Gridded Receptor	0.0015	0.0011	0.0001	0.0131	0.0067	0.0009	0.0038	0.0053	0.0079	0.0374	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0004	0.0024	s/m^2/year
356.5	6369.4	Gridded Receptor	0.0018	0.0012	0.0002	0.0185	0.0105	0.0014	0.0064	0.0092	0.0105	0.0470	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0045	s/m^2/year
356.55	6369.4	Gridded Receptor	0.0018	0.0012	0.0002	0.0191	0.0106	0.0014	0.0065	0.0091	0.0109	0.0497	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0045	s/m^2/year
356.6	6369.4	Gridded Receptor	0.0019	0.0013	0.0002	0.0193	0.0106	0.0014	0.0064	0.0090	0.0111	0.0514	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0004	0.0005	0.0044	s/m^2/year
356.65	6369.4	Gridded Receptor	0.0019	0.0013	0.0002	0.0195	0.0105	0.0013	0.0063	0.0087	0.0112	0.0537	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0042	s/m^2/year
356.7	6369.4	Gridded Receptor	0.0019	0.0013	0.0002	0.0197	0.0104	0.0013	0.0061	0.0083	0.0114	0.0566	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0041	s/m^2/year
356.75	6369.4	Gridded Receptor	0.0019	0.0013	0.0002	0.0198	0.0102	0.0012	0.0058	0.0078	0.0116	0.0598	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.8	6369.4	Gridded Receptor	0.0019	0.0013	0.0002	0.0198	0.0099	0.0012	0.0054	0.0073	0.0115	0.0630	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.85	6369.4	Gridded Receptor	0.0019	0.0014	0.0002	0.0195	0.0094	0.0011	0.0050	0.0065	0.0115	0.0655	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
356.9	6369.4	Gridded Receptor	0.0019	0.0014	0.0001	0.0190	0.0089	0.0009	0.0046	0.0057	0.0114	0.0676	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0027	s/m^2/year
356.95	6369.4	Gridded Receptor	0.0018	0.0013	0.0001	0.0180	0.0082	0.0009	0.0041	0.0051	0.0109	0.0666	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357	6369.4	Gridded Receptor	0.0017	0.0012	0.0001	0.0163	0.0073	0.0008	0.0036	0.0047	0.0099	0.0620	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
357.05	6369.4	Gridded Receptor	0.0015	0.0011	0.0001	0.0143	0.0063	0.0008	0.0031	0.0043	0.0086	0.0567	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0016	s/m^2/year
357.1	6369.4	Gridded Receptor	0.0014	0.0010	0.0001	0.0124	0.0055	0.0008	0.0026	0.0039	0.0074	0.0552	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.15	6369.4	Gridded Receptor	0.0012	0.0009	0.0001	0.0104	0.0043	0.0006	0.0022	0.0032	0.0065	0.0529	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.2	6369.4	Gridded Receptor	0.0009	0.0007	0.0000	0.0071	0.0026	0.0003	0.0014	0.0015	0.0050	0.0418	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0006	s/m^2/year
357.25	6369.4	Gridded Receptor	0.0006	0.0005	0.0000	0.0047	0.0013	0.0002	0.0008	0.0007	0.0037	0.0259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	s/m^2/year
357.3	6369.4	Gridded Receptor	0.0004	0.0003	0.0000	0.0035	0.0010	0.0001	0.0005	0.0006	0.0028	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	s/m^2/year
357.35	6369.4	Gridded Receptor	0.0003	0.0003	0.0000	0.0032	0.0011	0.0002	0.0005	0.0008	0.0023	0.0153	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	s/m^2/year
357.4	6369.4	Gridded Receptor	0.0004	0.0003	0.0000	0.0038	0.0015	0.0003	0.0005	0.0011	0.0023	0.0181	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	s/m^2/year
357.45	6369.4	Gridded Receptor	0.0006	0.0004	0.0000	0.0048	0.0019	0.0004	0.0007	0.0014	0.0028	0.0236	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	s/m^2/year
357.5	6369.4	Gridded Receptor	0.0007	0.0005	0.0000	0.0058	0.0023	0.0004	0.0008	0.0016	0.0034	0.0302	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	s/m^2/year
357.55	6369.4	Gridded Receptor	0.0009	0.0006	0.0000	0.0069	0.0028	0.0005	0.0011	0.0019	0.0041	0.0331	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0004	s/m^2/year
357.6	6369.4	Gridded Receptor	0.0010	0.0007	0.0000	0.0082	0.0033	0.0005	0.0013	0.0021	0.0050	0.0360	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0000	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	s/m^2/year
357.65	6369.4	Gridded Receptor	0.0012	0.0008	0.0000	0.0095	0.0038	0.0005	0.0016	0.0023	0.0058	0.0386	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0006	s/m^2/year
357.7	6369.4	Gridded Receptor	0.0013	0.0009	0.0000	0.0105	0.0043	0.0006	0.0018	0.0027	0.0064	0.0401	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0008	s/m^2/year
357.75	6369.4	Gridded Receptor	0.0013	0.0009	0.0001	0.0109	0.0046	0.0006	0.0020	0.0029	0.0067	0.0399	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0009	s/m^2/year
357.8	6369.4	Gridded Receptor	0.0014	0.0009	0.0001	0.0114	0.0050	0.0007	0.0023	0.0034	0.0069	0.0398	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0011	s/m^2/year
357.85	6369.4	Gridded Receptor	0.0014	0.0010	0.0001	0.0121	0.0055	0.0008	0.0026	0.0039	0.0073	0.0399	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0014	s/m^2/year
357.9	6369.4	Gridded Receptor	0.0015	0.0010	0.0001	0.0126	0.0058	0.0008	0.0030	0.0043	0.0076	0.0396	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0017	s/m^2/year
357.95	6369.4	Gridded Receptor	0.0015	0.0010	0.0001	0.0127	0.0061	0.0008	0.0033	0.0046	0.0077	0.0383	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0019	s/m^2/year
358	6369.4	Gridded Receptor	0.0014	0.0010	0.0001	0.0124	0.0061	0.0008	0.0034	0.0048	0.0075	0.0361	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0021	s/m^2/year
356.5	6369.451	Gridded Receptor	0.0017	0.0011	0.0002	0.0176	0.0100	0.0013	0.0062	0.0087	0.0100	0.0444	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0043	s/m^2/year
356.55	6369.451	Gridded Receptor	0.0017	0.0012	0.0002	0.0182	0.0101	0.0013	0.0062	0.0087	0.0104	0.0473	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0043	s/m^2/year
356.6	6369.451	Gridded Receptor	0.0018	0.0012	0.0002	0.0184	0.0101	0.0013	0.0062	0.0086	0.0106	0.0492	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0042	s/m^2/year
356.65	6369.451	Gridded Receptor	0.0018	0.0012	0.0002	0.0184	0.0100	0.0013	0.0060	0.0083	0.0107	0.0509	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0041	s/m^2/year
356.7	6369.451	Gridded Receptor	0.0018	0.0012	0.0002	0.0183	0.0097	0.0012	0.0058	0.0078	0.0107	0.0528	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.75	6369.451	Gridded Receptor	0.0018	0.0012	0.0002	0.0184	0.0095	0.0011	0.0055	0.0073	0.0108	0.0552	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.8	6369.451	Gridded Receptor	0.0018	0.0013	0.0002	0.0185	0.0093	0.0011	0.0052	0.0068	0.0109	0.0581	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0033	s/m^2/year
356.85	6369.451	Gridded Receptor	0.0018	0.0013	0.0002	0.0185	0.0090	0.0010	0.0048	0.0062	0.0110	0.0610	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
356.9	6369.451	Gridded Receptor	0.0018	0.0013	0.0001	0.0181	0.0084	0.0009	0.0044	0.0054	0.0111	0.0628	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0026	s/m^2/year
356.95	6369.451	Gridded Receptor	0.0018	0.0013	0.0001	0.0175	0.0077	0.0008	0.0040	0.0048	0.0110	0.0631	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
357	6369.451	Gridded Receptor	0.0017	0.0013	0.0001	0.0165	0.0070	0.0007	0.0036	0.0044	0.0107	0.0622	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.05	6369.451	Gridded Receptor	0.0017	0.0013	0.0001	0.0155	0.0063	0.0008	0.0032	0.0041	0.0101	0.0611	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.1	6369.451	Gridded Receptor	0.0017	0.0012	0.0001	0.0145	0.0059	0.0009	0.0028	0.0042	0.0091	0.0611	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0013	s/m^2/year
357.15	6369.451	Gridded Receptor	0.0015	0.0011	0.0001	0.0119	0.0051	0.0008	0.0023	0.0038	0.0072	0.0592	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0011	s/m^2/year
357.2	6369.451	Gridded Receptor	0.0012	0.0009	0.0000	0.0090	0.0036	0.0006	0.0017	0.0027	0.0057	0.0472	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0008	s/m^2/year
357.25	6369.451	Gridded Receptor	0.0009	0.0007	0.0000	0.0074	0.0025	0.0004	0.0012	0.0016	0.0052	0.0399	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0004	s/m^2/year
357.3	6369.451	Gridded Receptor	0.0007	0.0006	0.0000	0.0060	0.0019	0.0003	0.0008	0.0012	0.0043	0.0303	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	s/m^2/year
357.35	6369.451	Gridded Receptor	0.0006	0.0005	0.0000	0.0054	0.0018	0.0003	0.0007	0.0013	0.0037	0.0272	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	s/m^2/year
357.4	6369.451	Gridded Receptor	0.0006	0.0004	0.0000	0.0052	0.0019	0.0004	0.0007	0.0013	0.0033	0.0245	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	s/m^2/year

357.45	6369.451	Gridded Receptor	0.0006	0.0005	0.0000	0.0053	0.0020	0.0004	0.0008	0.0014	0.0033	0.0280	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	s/m^2/year
357.5	6369.451	Gridded Receptor	0.0007	0.0005	0.0000	0.0063	0.0024	0.0003	0.0010	0.0014	0.0040	0.0297	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	s/m^2/year
357.55	6369.451	Gridded Receptor	0.0008	0.0006	0.0000	0.0072	0.0027	0.0004	0.0011	0.0016	0.0047	0.0332	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0004	s/m^2/year
357.6	6369.451	Gridded Receptor	0.0010	0.0007	0.0000	0.0085	0.0032	0.0004	0.0013	0.0018	0.0056	0.0368	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0005	s/m^2/year
357.65	6369.451	Gridded Receptor	0.0011	0.0008	0.0000	0.0097	0.0037	0.0005	0.0016	0.0021	0.0063	0.0384	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0006	s/m^2/year
357.7	6369.451	Gridded Receptor	0.0012	0.0008	0.0000	0.0105	0.0041	0.0005	0.0018	0.0024	0.0067	0.0385	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0007	s/m^2/year
357.75	6369.451	Gridded Receptor	0.0012	0.0008	0.0000	0.0108	0.0044	0.0006	0.0020	0.0027	0.0068	0.0376	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0009	s/m^2/year
357.8	6369.451	Gridded Receptor	0.0013	0.0009	0.0001	0.0112	0.0048	0.0006	0.0022	0.0031	0.0069	0.0369	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0011	s/m^2/year
357.85	6369.451	Gridded Receptor	0.0013	0.0009	0.0001	0.0118	0.0052	0.0007	0.0025	0.0036	0.0073	0.0373	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0013	s/m^2/year
357.9	6369.451	Gridded Receptor	0.0014	0.0009	0.0001	0.0122	0.0056	0.0008	0.0028	0.0041	0.0075	0.0372	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0016	s/m^2/year
357.95	6369.451	Gridded Receptor	0.0014	0.0009	0.0001	0.0122	0.0058	0.0008	0.0031	0.0044	0.0075	0.0364	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0018	s/m^2/year
358	6369.451	Gridded Receptor	0.0014	0.0009	0.0001	0.0120	0.0059	0.0008	0.0032	0.0045	0.0073	0.0347	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
356.5	6369.5	Gridded Receptor	0.0016	0.0011	0.0002	0.0167	0.0095	0.0013	0.0059	0.0083	0.0096	0.0424	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0041	s/m^2/year
356.55	6369.5	Gridded Receptor	0.0017	0.0011	0.0002	0.0171	0.0096	0.0013	0.0059	0.0082	0.0099	0.0448	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0041	s/m^2/year
356.6	6369.5	Gridded Receptor	0.0017	0.0012	0.0002	0.0175	0.0096	0.0012	0.0058	0.0081	0.0101	0.0468	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0040	s/m^2/year
356.65	6369.5	Gridded Receptor	0.0017	0.0012	0.0002	0.0176	0.0095	0.0012	0.0057	0.0079	0.0102	0.0483	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.7	6369.5	Gridded Receptor	0.0017	0.0012	0.0002	0.0176	0.0093	0.0011	0.0055	0.0075	0.0104	0.0503	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.75	6369.5	Gridded Receptor	0.0017	0.0012	0.0002	0.0177	0.0091	0.0011	0.0053	0.0070	0.0105	0.0523	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0035	s/m^2/year
356.8	6369.5	Gridded Receptor	0.0017	0.0012	0.0002	0.0178	0.0088	0.0010	0.0050	0.0065	0.0107	0.0547	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.85	6369.5	Gridded Receptor	0.0018	0.0013	0.0001	0.0179	0.0085	0.0010	0.0047	0.0060	0.0110	0.0582	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0028	s/m^2/year
356.9	6369.5	Gridded Receptor	0.0018	0.0013	0.0001	0.0179	0.0081	0.0008	0.0044	0.0053	0.0113	0.0615	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0026	s/m^2/year
356.95	6369.5	Gridded Receptor	0.0019	0.0014	0.0001	0.0180	0.0077	0.0008	0.0040	0.0047	0.0116	0.0646	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
357	6369.5	Gridded Receptor	0.0019	0.0014	0.0001	0.0178	0.0073	0.0008	0.0038	0.0045	0.0118	0.0664	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0002	0.0003	0.0020	s/m^2/year
357.05	6369.5	Gridded Receptor	0.0019	0.0015	0.0001	0.0172	0.0069	0.0008	0.0035	0.0043	0.0113	0.0669	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0017	s/m^2/year
357.1	6369.5	Gridded Receptor	0.0018	0.0014	0.0001	0.0155	0.0063	0.0008	0.0030	0.0042	0.0099	0.0646	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0014	s/m^2/year
357.15	6369.5	Gridded Receptor	0.0016	0.0011	0.0001	0.0130	0.0054	0.0007	0.0025	0.0036	0.0080	0.0567	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0011	s/m^2/year
357.2	6369.5	Gridded Receptor	0.0014	0.0010	0.0000	0.0111	0.0044	0.0007	0.0021	0.0032	0.0070	0.0497	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0009	s/m^2/year
357.25	6369.5	Gridded Receptor	0.0012	0.0009	0.0000	0.0094	0.0034	0.0005	0.0016	0.0024	0.0062	0.0461	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0006	s/m^2/year
357.3	6369.5	Gridded Receptor	0.0009	0.0007	0.0000	0.0077	0.0027	0.0004	0.0012	0.0018	0.0051	0.0384	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0004	s/m^2/year
357.35	6369.5	Gridded Receptor	0.0008	0.0006	0.0000	0.0067	0.0024	0.0004	0.0010	0.0016	0.0045	0.0353	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	s/m^2/year
357.4	6369.5	Gridded Receptor	0.0007	0.0006	0.0000	0.0064	0.0023	0.0004	0.0010	0.0015	0.0042	0.0304	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	s/m^2/year
357.45	6369.5	Gridded Receptor	0.0007	0.0005	0.0000	0.0065	0.0024	0.0004	0.0010	0.0015	0.0041	0.0291	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	s/m^2/year
357.5	6369.5	Gridded Receptor	0.0008	0.0006	0.0000	0.0072	0.0027	0.0004	0.0011	0.0015	0.0047	0.0318	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0004	s/m^2/year
357.55	6369.5	Gridded Receptor	0.0009	0.0006	0.0000	0.0082	0.0030	0.0004	0.0013	0.0016	0.0054	0.0341	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.6	6369.5	Gridded Receptor	0.0010	0.0007	0.0000	0.0091	0.0034	0.0004	0.0015	0.0018	0.0060	0.0373	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0006	s/m^2/year
357.65	6369.5	Gridded Receptor	0.0011	0.0008	0.0000	0.0100	0.0038	0.0004	0.0017	0.0020	0.0065	0.0390	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.7	6369.5	Gridded Receptor	0.0011	0.0008	0.0000	0.0107	0.0042	0.0005	0.0019	0.0024	0.0070	0.0387	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0008	s/m^2/year
357.75	6369.5	Gridded Receptor	0.0012	0.0008	0.0000	0.0110	0.0044	0.0006	0.0020	0.0027	0.0071	0.0373	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0009	s/m^2/year
357.8	6369.5	Gridded Receptor	0.0012	0.0009	0.0001	0.0112	0.0047	0.0006	0.0022	0.0031	0.0072	0.0359	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.85	6369.5	Gridded Receptor	0.0013	0.0009	0.0001	0.0117	0.0051	0.0007	0.0025	0.0035	0.0074	0.0355	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0013	s/m^2/year
357.9	6369.5	Gridded Receptor	0.0013	0.0009	0.0001	0.0119	0.0054	0.0008	0.0028	0.0039	0.0074	0.0350	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0015	s/m^2/year
357.95	6369.5	Gridded Receptor	0.0013	0.0009	0.0001	0.0118	0.0056	0.0008	0.0030	0.0042	0.0073	0.0338	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0018	s/m^2/year
358	6369.5	Gridded Receptor	0.0013	0.0009	0.0001	0.0116	0.0057	0.0008	0.0031	0.0043	0.0071	0.0325	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0019	s/m^2/year
356.5	6369.55	Gridded Receptor	0.0016	0.0011	0.0002	0.0160	0.0091	0.0012	0.0056	0.0079	0.0092	0.0406	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.55	6369.55	Gridded Receptor	0.0016	0.0011	0.0002	0.0165	0.0092	0.0012	0.0056	0.0079	0.0096	0.0430	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0039	s/m^2/year
356.6	6369.55	Gridded Receptor	0.0016	0.0011	0.0002	0.0168	0.0092	0.0012	0.0056	0.0077	0.0098	0.0447	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.65	6369.55	Gridded Receptor	0.0017	0.0012	0.0002	0.0171	0.0092	0.0012	0.0055	0.0075	0.0101	0.0467	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.7	6369.55	Gridded Receptor	0.0017	0.0012	0.0002	0.0174	0.0091	0.0011	0.0054	0.0073	0.0104	0.0491	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0036	s/m^2/year
356.75	6369.55	Gridded Receptor	0.0017	0.0012	0.0002	0.0176	0.0089	0.0011	0.0052	0.0068	0.0108	0.0516	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0034	s/m^2/year
356.8	6369.55	Gridded Receptor	0.0018	0.0013	0.0002	0.0180	0.0087	0.0010	0.0050	0.0064	0.0111	0.0547	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.85	6369.55	Gridded Receptor	0.0018	0.0013	0.0001	0.0182	0.0085	0.0010	0.0047	0.0060	0.0114	0.0582	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0028	s/m^2/year
356.9	6369.55	Gridded Receptor	0.0019	0.0014	0.0001	0.0186	0.0083	0.0009	0.0044	0.0056	0.0117	0.0629	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0026	s/m^2/year
356.95	6369.55	Gridded Receptor	0.0020	0.0015	0.0001	0.0189	0.0081	0.0009	0.0042	0.0051	0.0121	0.0671	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357	6369.55	Gridded Receptor	0.0021	0.0016	0.0001	0.0190	0.0078	0.0008	0.0039	0.0048	0.0123	0.0698	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
357.05	6369.55	Gridded Receptor	0.0021	0.0015	0.0001	0.0181	0.0074	0.0008	0.0036	0.0045	0.0117	0.0701	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0018	s/m^2/year

357.1	6369.55	Gridded Receptor	0.0019	0.0014	0.0001	0.0159	0.0065	0.0007	0.0031	0.0039	0.0102	0.0649	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0015	s/m^2/year
357.15	6369.55	Gridded Receptor	0.0016	0.0012	0.0001	0.0139	0.0055	0.0007	0.0027	0.0035	0.0091	0.0558	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.2	6369.55	Gridded Receptor	0.0015	0.0011	0.0001	0.0132	0.0050	0.0007	0.0023	0.0032	0.0087	0.0537	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0010	s/m^2/year
357.25	6369.55	Gridded Receptor	0.0013	0.0010	0.0000	0.0115	0.0043	0.0006	0.0020	0.0026	0.0077	0.0481	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0008	s/m^2/year
357.3	6369.55	Gridded Receptor	0.0011	0.0008	0.0000	0.0097	0.0036	0.0005	0.0017	0.0022	0.0066	0.0417	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0007	s/m^2/year
357.35	6369.55	Gridded Receptor	0.0010	0.0008	0.0000	0.0086	0.0031	0.0004	0.0014	0.0018	0.0059	0.0394	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.4	6369.55	Gridded Receptor	0.0009	0.0007	0.0000	0.0080	0.0028	0.0004	0.0013	0.0016	0.0055	0.0350	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.45	6369.55	Gridded Receptor	0.0008	0.0006	0.0000	0.0079	0.0028	0.0004	0.0013	0.0016	0.0053	0.0314	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0004	s/m^2/year
357.5	6369.55	Gridded Receptor	0.0009	0.0006	0.0000	0.0082	0.0030	0.0004	0.0013	0.0016	0.0054	0.0341	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.55	6369.55	Gridded Receptor	0.0009	0.0007	0.0000	0.0090	0.0034	0.0004	0.0015	0.0018	0.0060	0.0362	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.6	6369.55	Gridded Receptor	0.0010	0.0007	0.0000	0.0096	0.0037	0.0004	0.0016	0.0019	0.0063	0.0371	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0006	s/m^2/year
357.65	6369.55	Gridded Receptor	0.0010	0.0008	0.0000	0.0101	0.0040	0.0005	0.0018	0.0022	0.0065	0.0382	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0008	s/m^2/year
357.7	6369.55	Gridded Receptor	0.0011	0.0008	0.0000	0.0105	0.0042	0.0005	0.0019	0.0024	0.0068	0.0381	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0009	s/m^2/year
357.75	6369.55	Gridded Receptor	0.0011	0.0008	0.0001	0.0110	0.0045	0.0005	0.0021	0.0027	0.0071	0.0371	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0010	s/m^2/year
357.8	6369.55	Gridded Receptor	0.0012	0.0009	0.0001	0.0114	0.0047	0.0006	0.0023	0.0031	0.0074	0.0357	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.85	6369.55	Gridded Receptor	0.0012	0.0009	0.0001	0.0117	0.0051	0.0007	0.0026	0.0035	0.0075	0.0349	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.9	6369.55	Gridded Receptor	0.0012	0.0009	0.0001	0.0117	0.0053	0.0007	0.0028	0.0039	0.0074	0.0336	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0016	s/m^2/year
357.95	6369.55	Gridded Receptor	0.0012	0.0008	0.0001	0.0116	0.0055	0.0007	0.0030	0.0041	0.0072	0.0322	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0018	s/m^2/year
358	6369.55	Gridded Receptor	0.0012	0.0008	0.0001	0.0113	0.0055	0.0007	0.0031	0.0043	0.0070	0.0309	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0019	s/m^2/year
356.5	6369.601	Gridded Receptor	0.0015	0.0010	0.0002	0.0157	0.0088	0.0012	0.0055	0.0076	0.0092	0.0394	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.55	6369.601	Gridded Receptor	0.0016	0.0011	0.0002	0.0162	0.0089	0.0012	0.0055	0.0076	0.0095	0.0417	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.6	6369.601	Gridded Receptor	0.0016	0.0011	0.0002	0.0166	0.0090	0.0012	0.0054	0.0074	0.0098	0.0439	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.65	6369.601	Gridded Receptor	0.0017	0.0012	0.0002	0.0170	0.0090	0.0011	0.0054	0.0073	0.0102	0.0462	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.7	6369.601	Gridded Receptor	0.0018	0.0012	0.0002	0.0176	0.0091	0.0011	0.0054	0.0072	0.0107	0.0493	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.75	6369.601	Gridded Receptor	0.0018	0.0013	0.0002	0.0182	0.0090	0.0011	0.0053	0.0069	0.0112	0.0528	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0034	s/m^2/year
356.8	6369.601	Gridded Receptor	0.0019	0.0014	0.0002	0.0186	0.0089	0.0011	0.0051	0.0066	0.0116	0.0563	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.85	6369.601	Gridded Receptor	0.0020	0.0014	0.0001	0.0190	0.0088	0.0010	0.0048	0.0062	0.0119	0.0599	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
356.9	6369.601	Gridded Receptor	0.0021	0.0015	0.0001	0.0193	0.0087	0.0010	0.0046	0.0060	0.0121	0.0636	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0026	s/m^2/year
356.95	6369.601	Gridded Receptor	0.0022	0.0016	0.0001	0.0197	0.0087	0.0010	0.0044	0.0057	0.0123	0.0674	0.0004	0.0005	0.0003	0.0004	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0024	s/m^2/year
357	6369.601	Gridded Receptor	0.0022	0.0016	0.0001	0.0193	0.0083	0.0009	0.0041	0.0051	0.0121	0.0700	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0021	s/m^2/year
357.05	6369.601	Gridded Receptor	0.0021	0.0015	0.0001	0.0179	0.0076	0.0008	0.0037	0.0045	0.0114	0.0690	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0019	s/m^2/year
357.1	6369.601	Gridded Receptor	0.0018	0.0014	0.0001	0.0160	0.0066	0.0007	0.0033	0.0039	0.0104	0.0621	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.15	6369.601	Gridded Receptor	0.0017	0.0013	0.0001	0.0153	0.0060	0.0007	0.0029	0.0036	0.0102	0.0580	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0014	s/m^2/year
357.2	6369.601	Gridded Receptor	0.0017	0.0013	0.0001	0.0148	0.0055	0.0007	0.0026	0.0032	0.0099	0.0575	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.25	6369.601	Gridded Receptor	0.0015	0.0011	0.0001	0.0130	0.0048	0.0006	0.0024	0.0028	0.0089	0.0515	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0010	s/m^2/year
357.3	6369.601	Gridded Receptor	0.0013	0.0010	0.0000	0.0113	0.0041	0.0005	0.0020	0.0024	0.0078	0.0457	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0009	s/m^2/year
357.35	6369.601	Gridded Receptor	0.0012	0.0009	0.0000	0.0102	0.0036	0.0004	0.0017	0.0020	0.0071	0.0439	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.4	6369.601	Gridded Receptor	0.0011	0.0008	0.0000	0.0096	0.0033	0.0004	0.0016	0.0018	0.0067	0.0396	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0006	s/m^2/year
357.45	6369.601	Gridded Receptor	0.0010	0.0008	0.0000	0.0093	0.0033	0.0004	0.0015	0.0018	0.0064	0.0356	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	s/m^2/year
357.5	6369.601	Gridded Receptor	0.0009	0.0007	0.0000	0.0092	0.0035	0.0004	0.0015	0.0018	0.0061	0.0354	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0006	s/m^2/year
357.55	6369.601	Gridded Receptor	0.0010	0.0007	0.0000	0.0096	0.0037	0.0004	0.0016	0.0020	0.0063	0.0374	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.6	6369.601	Gridded Receptor	0.0010	0.0007	0.0000	0.0099	0.0039	0.0004	0.0017	0.0021	0.0064	0.0368	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.65	6369.601	Gridded Receptor	0.0010	0.0007	0.0000	0.0101	0.0041	0.0005	0.0018	0.0023	0.0064	0.0360	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0008	s/m^2/year
357.7	6369.601	Gridded Receptor	0.0010	0.0008	0.0000	0.0102	0.0043	0.0005	0.0020	0.0025	0.0065	0.0357	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0009	s/m^2/year
357.75	6369.601	Gridded Receptor	0.0011	0.0008	0.0001	0.0107	0.0045	0.0006	0.0022	0.0028	0.0068	0.0357	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.8	6369.601	Gridded Receptor	0.0011	0.0008	0.0001	0.0112	0.0048	0.0006	0.0024	0.0031	0.0072	0.0352	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.85	6369.601	Gridded Receptor	0.0012	0.0009	0.0001	0.0116	0.0051	0.0007	0.0027	0.0035	0.0075	0.0342	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.9	6369.601	Gridded Receptor	0.0012	0.0009	0.0001	0.0117	0.0053	0.0007	0.0029	0.0039	0.0074	0.0330	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.95	6369.601	Gridded Receptor	0.0012	0.0008	0.0001	0.0115	0.0055	0.0007	0.0031	0.0041	0.0072	0.0315	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0018	s/m^2/year
358	6369.601	Gridded Receptor	0.0012	0.0008	0.0001	0.0112	0.0055	0.0007	0.0031	0.0042	0.0070	0.0301	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
356.5	6369.65	Gridded Receptor	0.0015	0.0010	0.0002	0.0155	0.0086	0.0011	0.0053	0.0073	0.0092	0.0387	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.55	6369.65	Gridded Receptor	0.0016	0.0011	0.0002	0.0160	0.0087	0.0011	0.0053	0.0073	0.0095	0.0409	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6369.65	Gridded Receptor	0.0016	0.0011	0.0002	0.0165	0.0088	0.0011	0.0053	0.0072	0.0099	0.0435	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.65	6369.65	Gridded Receptor	0.0017	0.0012	0.0002	0.0171	0.0089	0.0011	0.0053	0.0072	0.0104	0.0465	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.7	6369.65	Gridded Receptor	0.0018	0.0013	0.0002	0.0179	0.0091	0.0012	0.0053	0.0072	0.0109	0.0499	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year

356.75	6369.65	Gridded Receptor	0.0019	0.0014	0.0002	0.0187	0.0093	0.0012	0.0053	0.0071	0.0115	0.0540	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.8	6369.65	Gridded Receptor	0.0020	0.0014	0.0002	0.0192	0.0092	0.0011	0.0052	0.0069	0.0119	0.0575	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.85	6369.65	Gridded Receptor	0.0021	0.0015	0.0002	0.0194	0.0091	0.0011	0.0050	0.0066	0.0120	0.0599	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0030	s/m^2/year
356.9	6369.65	Gridded Receptor	0.0021	0.0015	0.0001	0.0196	0.0090	0.0011	0.0047	0.0063	0.0121	0.0623	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0027	s/m^2/year
356.95	6369.65	Gridded Receptor	0.0022	0.0015	0.0001	0.0195	0.0088	0.0011	0.0045	0.0060	0.0119	0.0648	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0025	s/m^2/year
357	6369.65	Gridded Receptor	0.0021	0.0015	0.0001	0.0186	0.0084	0.0009	0.0042	0.0054	0.0114	0.0662	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.05	6369.65	Gridded Receptor	0.0019	0.0014	0.0001	0.0170	0.0075	0.0008	0.0037	0.0045	0.0106	0.0633	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
357.1	6369.65	Gridded Receptor	0.0018	0.0013	0.0001	0.0159	0.0066	0.0007	0.0033	0.0040	0.0102	0.0584	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.15	6369.65	Gridded Receptor	0.0018	0.0013	0.0001	0.0160	0.0064	0.0007	0.0031	0.0037	0.0105	0.0590	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.2	6369.65	Gridded Receptor	0.0017	0.0013	0.0001	0.0155	0.0061	0.0006	0.0029	0.0034	0.0103	0.0582	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.25	6369.65	Gridded Receptor	0.0015	0.0012	0.0001	0.0140	0.0054	0.0006	0.0027	0.0031	0.0095	0.0532	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.3	6369.65	Gridded Receptor	0.0014	0.0010	0.0001	0.0125	0.0047	0.0005	0.0023	0.0026	0.0085	0.0483	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.35	6369.65	Gridded Receptor	0.0013	0.0010	0.0000	0.0115	0.0043	0.0004	0.0020	0.0023	0.0079	0.0470	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0008	s/m^2/year
357.4	6369.65	Gridded Receptor	0.0012	0.0009	0.0000	0.0108	0.0039	0.0004	0.0018	0.0020	0.0075	0.0426	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.45	6369.65	Gridded Receptor	0.0011	0.0008	0.0000	0.0102	0.0037	0.0004	0.0018	0.0020	0.0070	0.0389	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.5	6369.65	Gridded Receptor	0.0010	0.0008	0.0000	0.0099	0.0038	0.0004	0.0017	0.0021	0.0066	0.0356	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	s/m^2/year
357.55	6369.65	Gridded Receptor	0.0010	0.0007	0.0000	0.0099	0.0040	0.0005	0.0018	0.0022	0.0063	0.0362	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0008	s/m^2/year
357.6	6369.65	Gridded Receptor	0.0010	0.0007	0.0000	0.0099	0.0040	0.0005	0.0018	0.0023	0.0064	0.0357	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0008	s/m^2/year
357.65	6369.65	Gridded Receptor	0.0010	0.0007	0.0000	0.0099	0.0041	0.0005	0.0019	0.0024	0.0064	0.0342	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.7	6369.65	Gridded Receptor	0.0010	0.0007	0.0001	0.0100	0.0043	0.0005	0.0020	0.0027	0.0063	0.0331	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0010	s/m^2/year
357.75	6369.65	Gridded Receptor	0.0010	0.0007	0.0001	0.0102	0.0045	0.0006	0.0022	0.0029	0.0064	0.0330	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.8	6369.65	Gridded Receptor	0.0011	0.0008	0.0001	0.0107	0.0048	0.0006	0.0024	0.0032	0.0067	0.0334	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.85	6369.65	Gridded Receptor	0.0011	0.0008	0.0001	0.0112	0.0051	0.0007	0.0027	0.0036	0.0072	0.0335	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.9	6369.65	Gridded Receptor	0.0012	0.0008	0.0001	0.0115	0.0054	0.0007	0.0030	0.0039	0.0074	0.0327	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6369.65	Gridded Receptor	0.0012	0.0008	0.0001	0.0115	0.0055	0.0007	0.0031	0.0042	0.0073	0.0313	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
358	6369.65	Gridded Receptor	0.0011	0.0008	0.0001	0.0111	0.0055	0.0007	0.0032	0.0043	0.0070	0.0295	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
356.5	6369.701	Gridded Receptor	0.0015	0.0011	0.0002	0.0154	0.0084	0.0011	0.0052	0.0072	0.0092	0.0383	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.55	6369.701	Gridded Receptor	0.0016	0.0011	0.0002	0.0161	0.0087	0.0011	0.0053	0.0072	0.0097	0.0411	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6369.701	Gridded Receptor	0.0017	0.0012	0.0002	0.0167	0.0088	0.0012	0.0053	0.0072	0.0101	0.0440	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.65	6369.701	Gridded Receptor	0.0018	0.0012	0.0002	0.0173	0.0090	0.0012	0.0053	0.0072	0.0105	0.0471	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.7	6369.701	Gridded Receptor	0.0018	0.0013	0.0002	0.0180	0.0091	0.0012	0.0053	0.0072	0.0109	0.0502	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.75	6369.701	Gridded Receptor	0.0020	0.0014	0.0002	0.0188	0.0094	0.0012	0.0054	0.0073	0.0114	0.0538	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.8	6369.701	Gridded Receptor	0.0021	0.0015	0.0002	0.0195	0.0096	0.0012	0.0053	0.0073	0.0118	0.0572	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.85	6369.701	Gridded Receptor	0.0021	0.0015	0.0002	0.0198	0.0095	0.0012	0.0052	0.0071	0.0121	0.0594	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.9	6369.701	Gridded Receptor	0.0021	0.0015	0.0002	0.0195	0.0092	0.0011	0.0049	0.0067	0.0119	0.0604	0.0005	0.0005	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0029	s/m^2/year
356.95	6369.701	Gridded Receptor	0.0021	0.0015	0.0001	0.0186	0.0086	0.0010	0.0045	0.0060	0.0113	0.0607	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0026	s/m^2/year
357	6369.701	Gridded Receptor	0.0019	0.0014	0.0001	0.0174	0.0081	0.0009	0.0042	0.0054	0.0106	0.0596	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.05	6369.701	Gridded Receptor	0.0018	0.0013	0.0001	0.0162	0.0074	0.0008	0.0038	0.0047	0.0100	0.0565	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0021	s/m^2/year
357.1	6369.701	Gridded Receptor	0.0017	0.0013	0.0001	0.0160	0.0069	0.0007	0.0034	0.0043	0.0101	0.0558	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0018	s/m^2/year
357.15	6369.701	Gridded Receptor	0.0018	0.0013	0.0001	0.0161	0.0066	0.0007	0.0032	0.0039	0.0103	0.0573	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0016	s/m^2/year
357.2	6369.701	Gridded Receptor	0.0017	0.0012	0.0001	0.0152	0.0063	0.0006	0.0031	0.0036	0.0099	0.0553	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.25	6369.701	Gridded Receptor	0.0015	0.0011	0.0001	0.0140	0.0057	0.0006	0.0029	0.0032	0.0093	0.0517	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.3	6369.701	Gridded Receptor	0.0014	0.0011	0.0001	0.0129	0.0051	0.0005	0.0025	0.0029	0.0086	0.0484	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.35	6369.701	Gridded Receptor	0.0013	0.0010	0.0001	0.0121	0.0047	0.0005	0.0023	0.0025	0.0081	0.0477	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0010	s/m^2/year
357.4	6369.701	Gridded Receptor	0.0012	0.0009	0.0000	0.0114	0.0044	0.0004	0.0021	0.0023	0.0077	0.0436	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.45	6369.701	Gridded Receptor	0.0011	0.0009	0.0000	0.0107	0.0041	0.0004	0.0020	0.0023	0.0071	0.0396	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.5	6369.701	Gridded Receptor	0.0010	0.0008	0.0000	0.0102	0.0040	0.0005	0.0019	0.0023	0.0067	0.0353	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.55	6369.701	Gridded Receptor	0.0010	0.0007	0.0000	0.0099	0.0041	0.0005	0.0019	0.0024	0.0063	0.0337	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	s/m^2/year
357.6	6369.701	Gridded Receptor	0.0010	0.0007	0.0000	0.0099	0.0041	0.0005	0.0020	0.0025	0.0063	0.0339	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0010	s/m^2/year
357.65	6369.701	Gridded Receptor	0.0010	0.0007	0.0001	0.0100	0.0042	0.0005	0.0020	0.0026	0.0064	0.0330	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0010	s/m^2/year
357.7	6369.701	Gridded Receptor	0.0010	0.0007	0.0001	0.0100	0.0043	0.0005	0.0021	0.0028	0.0063	0.0317	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.75	6369.701	Gridded Receptor	0.0010	0.0007	0.0001	0.0100	0.0045	0.0006	0.0023	0.0030	0.0063	0.0310	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.8	6369.701	Gridded Receptor	0.0010	0.0007	0.0001	0.0102	0.0048	0.0006	0.0025	0.0033	0.0063	0.0310	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.85	6369.701	Gridded Receptor	0.0011	0.0008	0.0001	0.0106	0.0051	0.0006	0.0027	0.0036	0.0066	0.0316	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.9	6369.701	Gridded Receptor	0.0011	0.0008	0.0001	0.0111	0.0053	0.0007	0.0030	0.0039	0.0070	0.0317	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year

357.95	6369.701	Gridded Receptor	0.0011	0.0008	0.0001	0.0112	0.0055	0.0007	0.0032	0.0041	0.0071	0.0308	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
358	6369.701	Gridded Receptor	0.0011	0.0008	0.0001	0.0109	0.0054	0.0007	0.0032	0.0042	0.0069	0.0290	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
356.5	6369.75	Gridded Receptor	0.0016	0.0011	0.0002	0.0155	0.0085	0.0011	0.0052	0.0071	0.0094	0.0387	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.55	6369.75	Gridded Receptor	0.0016	0.0011	0.0002	0.0162	0.0087	0.0012	0.0052	0.0072	0.0098	0.0415	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.6	6369.75	Gridded Receptor	0.0017	0.0012	0.0002	0.0169	0.0089	0.0012	0.0053	0.0073	0.0102	0.0445	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.65	6369.75	Gridded Receptor	0.0018	0.0013	0.0002	0.0175	0.0091	0.0012	0.0053	0.0074	0.0106	0.0476	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.7	6369.75	Gridded Receptor	0.0019	0.0013	0.0002	0.0182	0.0093	0.0012	0.0054	0.0074	0.0109	0.0507	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.75	6369.75	Gridded Receptor	0.0020	0.0014	0.0002	0.0189	0.0096	0.0013	0.0054	0.0076	0.0113	0.0533	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.8	6369.75	Gridded Receptor	0.0021	0.0014	0.0002	0.0194	0.0097	0.0013	0.0055	0.0076	0.0116	0.0553	0.0005	0.0006	0.0004	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0005	0.0005	0.0034	s/m^2/year
356.85	6369.75	Gridded Receptor	0.0021	0.0015	0.0002	0.0195	0.0097	0.0012	0.0054	0.0074	0.0117	0.0573	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0005	0.0004	0.0005	0.0034	s/m^2/year
356.9	6369.75	Gridded Receptor	0.0021	0.0015	0.0002	0.0190	0.0093	0.0011	0.0051	0.0069	0.0115	0.0582	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0002	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0032	s/m^2/year
356.95	6369.75	Gridded Receptor	0.0020	0.0014	0.0002	0.0179	0.0086	0.0010	0.0047	0.0062	0.0109	0.0573	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0029	s/m^2/year
357	6369.75	Gridded Receptor	0.0018	0.0013	0.0001	0.0165	0.0078	0.0009	0.0042	0.0054	0.0101	0.0539	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.05	6369.75	Gridded Receptor	0.0017	0.0012	0.0001	0.0159	0.0072	0.0008	0.0038	0.0049	0.0099	0.0515	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0022	s/m^2/year
357.1	6369.75	Gridded Receptor	0.0017	0.0012	0.0001	0.0160	0.0070	0.0008	0.0036	0.0046	0.0101	0.0529	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0019	s/m^2/year
357.15	6369.75	Gridded Receptor	0.0017	0.0012	0.0001	0.0158	0.0068	0.0008	0.0034	0.0043	0.0100	0.0537	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0018	s/m^2/year
357.2	6369.75	Gridded Receptor	0.0016	0.0012	0.0001	0.0149	0.0064	0.0007	0.0032	0.0039	0.0095	0.0515	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.25	6369.75	Gridded Receptor	0.0015	0.0011	0.0001	0.0137	0.0058	0.0006	0.0029	0.0035	0.0089	0.0483	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.3	6369.75	Gridded Receptor	0.0014	0.0010	0.0001	0.0128	0.0053	0.0006	0.0026	0.0031	0.0083	0.0460	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.35	6369.75	Gridded Receptor	0.0013	0.0010	0.0001	0.0123	0.0050	0.0005	0.0024	0.0028	0.0080	0.0461	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.4	6369.75	Gridded Receptor	0.0013	0.0009	0.0001	0.0118	0.0047	0.0005	0.0023	0.0026	0.0077	0.0428	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.45	6369.75	Gridded Receptor	0.0011	0.0009	0.0001	0.0110	0.0044	0.0005	0.0021	0.0025	0.0072	0.0388	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0010	s/m^2/year
357.5	6369.75	Gridded Receptor	0.0010	0.0008	0.0001	0.0103	0.0042	0.0005	0.0020	0.0025	0.0068	0.0347	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0010	s/m^2/year
357.55	6369.75	Gridded Receptor	0.0010	0.0007	0.0001	0.0098	0.0041	0.0005	0.0020	0.0026	0.0063	0.0315	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0010	s/m^2/year
357.6	6369.75	Gridded Receptor	0.0009	0.0007	0.0001	0.0098	0.0042	0.0005	0.0021	0.0027	0.0062	0.0315	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.65	6369.75	Gridded Receptor	0.0010	0.0007	0.0001	0.0099	0.0043	0.0005	0.0022	0.0028	0.0063	0.0316	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year
357.7	6369.75	Gridded Receptor	0.0010	0.0007	0.0001	0.0099	0.0044	0.0006	0.0023	0.0030	0.0063	0.0310	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.75	6369.75	Gridded Receptor	0.0010	0.0007	0.0001	0.0099	0.0045	0.0006	0.0024	0.0032	0.0062	0.0299	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.8	6369.75	Gridded Receptor	0.0010	0.0007	0.0001	0.0099	0.0047	0.0006	0.0025	0.0034	0.0061	0.0291	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.85	6369.75	Gridded Receptor	0.0010	0.0007	0.0001	0.0101	0.0050	0.0006	0.0027	0.0037	0.0062	0.0292	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.9	6369.75	Gridded Receptor	0.0010	0.0007	0.0001	0.0103	0.0052	0.0007	0.0029	0.0039	0.0064	0.0294	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6369.75	Gridded Receptor	0.0011	0.0008	0.0001	0.0105	0.0053	0.0007	0.0030	0.0040	0.0065	0.0291	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
358	6369.75	Gridded Receptor	0.0011	0.0008	0.0001	0.0104	0.0053	0.0007	0.0031	0.0041	0.0066	0.0279	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
356.5	6369.8	Gridded Receptor	0.0016	0.0011	0.0002	0.0158	0.0086	0.0012	0.0052	0.0072	0.0095	0.0395	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.55	6369.8	Gridded Receptor	0.0017	0.0012	0.0002	0.0165	0.0088	0.0012	0.0053	0.0073	0.0099	0.0423	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6369.8	Gridded Receptor	0.0017	0.0012	0.0002	0.0170	0.0090	0.0012	0.0053	0.0074	0.0102	0.0448	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.65	6369.8	Gridded Receptor	0.0018	0.0013	0.0002	0.0177	0.0093	0.0012	0.0054	0.0076	0.0106	0.0477	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.7	6369.8	Gridded Receptor	0.0019	0.0013	0.0002	0.0184	0.0096	0.0013	0.0055	0.0078	0.0109	0.0503	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0005	0.0004	0.0005	0.0036	s/m^2/year
356.75	6369.8	Gridded Receptor	0.0020	0.0014	0.0002	0.0190	0.0098	0.0013	0.0056	0.0079	0.0113	0.0524	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0005	0.0005	0.0036	s/m^2/year
356.8	6369.8	Gridded Receptor	0.0021	0.0014	0.0002	0.0194	0.0099	0.0013	0.0056	0.0079	0.0115	0.0541	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0036	s/m^2/year
356.85	6369.8	Gridded Receptor	0.0021	0.0015	0.0002	0.0191	0.0097	0.0012	0.0055	0.0076	0.0114	0.0552	0.0005	0.0006	0.0004	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0005	0.0005	0.0035	s/m^2/year
356.9	6369.8	Gridded Receptor	0.0020	0.0014	0.0002	0.0185	0.0094	0.0011	0.0053	0.0071	0.0110	0.0556	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.95	6369.8	Gridded Receptor	0.0019	0.0013	0.0002	0.0173	0.0087	0.0010	0.0049	0.0064	0.0104	0.0536	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0031	s/m^2/year
357	6369.8	Gridded Receptor	0.0017	0.0012	0.0002	0.0161	0.0078	0.0009	0.0043	0.0056	0.0099	0.0498	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357.05	6369.8	Gridded Receptor	0.0017	0.0012	0.0001	0.0159	0.0073	0.0009	0.0039	0.0051	0.0099	0.0491	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.1	6369.8	Gridded Receptor	0.0017	0.0012	0.0001	0.0159	0.0071	0.0008	0.0037	0.0048	0.0100	0.0501	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0021	s/m^2/year
357.15	6369.8	Gridded Receptor	0.0016	0.0012	0.0001	0.0154	0.0069	0.0008	0.0036	0.0045	0.0097	0.0497	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0020	s/m^2/year
357.2	6369.8	Gridded Receptor	0.0015	0.0011	0.0001	0.0145	0.0064	0.0007	0.0034	0.0042	0.0092	0.0473	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.25	6369.8	Gridded Receptor	0.0014	0.0010	0.0001	0.0134	0.0058	0.0006	0.0031	0.0037	0.0086	0.0445	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.3	6369.8	Gridded Receptor	0.0013	0.0010	0.0001	0.0127	0.0055	0.0006	0.0028	0.0034	0.0082	0.0432	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.35	6369.8	Gridded Receptor	0.0013	0.0010	0.0001	0.0124	0.0052	0.0006	0.0026	0.0031	0.0080	0.0435	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.4	6369.8	Gridded Receptor	0.0013	0.0009	0.0001	0.0119	0.0049	0.0005	0.0024	0.0029	0.0078	0.0410	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.45	6369.8	Gridded Receptor	0.0012	0.0009	0.0001	0.0111	0.0046	0.0005	0.0023	0.0028	0.0073	0.0372	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.5	6369.8	Gridded Receptor	0.0011	0.0008	0.0001	0.0104	0.0043	0.0005	0.0022	0.0027	0.0069	0.0340	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0012	s/m^2/year
357.55	6369.8	Gridded Receptor	0.0010	0.0007	0.0001	0.0099	0.0042	0.0005	0.0022	0.0028	0.0064	0.0305	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0011	s/m^2/year

357.6	6369.8	Gridded Receptor	0.0009	0.0007	0.0001	0.0096	0.0043	0.0005	0.0022	0.0029	0.0061	0.0294	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	s/m^2/year
357.65	6369.8	Gridded Receptor	0.0009	0.0007	0.0001	0.0097	0.0044	0.0006	0.0023	0.0030	0.0061	0.0300	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.7	6369.8	Gridded Receptor	0.0010	0.0007	0.0001	0.0098	0.0045	0.0006	0.0024	0.0032	0.0061	0.0298	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.75	6369.8	Gridded Receptor	0.0009	0.0007	0.0001	0.0097	0.0046	0.0006	0.0025	0.0033	0.0061	0.0288	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.8	6369.8	Gridded Receptor	0.0009	0.0007	0.0001	0.0096	0.0047	0.0006	0.0026	0.0035	0.0060	0.0279	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.85	6369.8	Gridded Receptor	0.0009	0.0007	0.0001	0.0096	0.0048	0.0006	0.0027	0.0036	0.0059	0.0273	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.9	6369.8	Gridded Receptor	0.0009	0.0007	0.0001	0.0096	0.0049	0.0006	0.0028	0.0038	0.0058	0.0269	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6369.8	Gridded Receptor	0.0010	0.0007	0.0001	0.0097	0.0050	0.0006	0.0029	0.0039	0.0059	0.0266	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
358	6369.8	Gridded Receptor	0.0010	0.0007	0.0001	0.0097	0.0051	0.0007	0.0030	0.0040	0.0060	0.0262	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
356.5	6369.851	Gridded Receptor	0.0016	0.0011	0.0002	0.0158	0.0086	0.0012	0.0052	0.0072	0.0095	0.0399	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.55	6369.851	Gridded Receptor	0.0017	0.0012	0.0002	0.0165	0.0089	0.0012	0.0053	0.0074	0.0098	0.0423	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6369.851	Gridded Receptor	0.0018	0.0012	0.0002	0.0170	0.0091	0.0012	0.0054	0.0076	0.0101	0.0444	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.65	6369.851	Gridded Receptor	0.0019	0.0013	0.0002	0.0178	0.0095	0.0013	0.0056	0.0078	0.0105	0.0469	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0004	0.0005	0.0037	s/m^2/year
356.7	6369.851	Gridded Receptor	0.0020	0.0013	0.0002	0.0185	0.0098	0.0013	0.0057	0.0081	0.0109	0.0493	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0038	s/m^2/year
356.75	6369.851	Gridded Receptor	0.0020	0.0014	0.0002	0.0190	0.0100	0.0013	0.0058	0.0082	0.0112	0.0512	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0038	s/m^2/year
356.8	6369.851	Gridded Receptor	0.0021	0.0014	0.0002	0.0190	0.0099	0.0013	0.0058	0.0080	0.0112	0.0527	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0038	s/m^2/year
356.85	6369.851	Gridded Receptor	0.0020	0.0014	0.0002	0.0185	0.0097	0.0012	0.0056	0.0077	0.0109	0.0529	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0004	0.0005	0.0037	s/m^2/year
356.9	6369.851	Gridded Receptor	0.0019	0.0013	0.0002	0.0175	0.0091	0.0011	0.0053	0.0071	0.0103	0.0514	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.95	6369.851	Gridded Receptor	0.0018	0.0012	0.0002	0.0166	0.0085	0.0010	0.0049	0.0065	0.0099	0.0492	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0032	s/m^2/year
357	6369.851	Gridded Receptor	0.0017	0.0012	0.0002	0.0161	0.0079	0.0010	0.0045	0.0060	0.0098	0.0475	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
357.05	6369.851	Gridded Receptor	0.0017	0.0012	0.0001	0.0160	0.0076	0.0009	0.0042	0.0056	0.0099	0.0477	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0025	s/m^2/year
357.1	6369.851	Gridded Receptor	0.0017	0.0012	0.0001	0.0158	0.0073	0.0009	0.0040	0.0052	0.0098	0.0479	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0023	s/m^2/year
357.15	6369.851	Gridded Receptor	0.0015	0.0011	0.0001	0.0148	0.0068	0.0008	0.0037	0.0047	0.0093	0.0458	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0022	s/m^2/year
357.2	6369.851	Gridded Receptor	0.0014	0.0010	0.0001	0.0138	0.0063	0.0007	0.0035	0.0043	0.0088	0.0434	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.25	6369.851	Gridded Receptor	0.0013	0.0010	0.0001	0.0131	0.0059	0.0006	0.0032	0.0039	0.0084	0.0415	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.3	6369.851	Gridded Receptor	0.0013	0.0010	0.0001	0.0126	0.0056	0.0006	0.0029	0.0036	0.0081	0.0408	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.35	6369.851	Gridded Receptor	0.0013	0.0010	0.0001	0.0125	0.0054	0.0006	0.0028	0.0034	0.0081	0.0416	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.4	6369.851	Gridded Receptor	0.0013	0.0009	0.0001	0.0120	0.0051	0.0006	0.0026	0.0032	0.0078	0.0395	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.45	6369.851	Gridded Receptor	0.0012	0.0009	0.0001	0.0112	0.0048	0.0005	0.0025	0.0031	0.0073	0.0359	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.5	6369.851	Gridded Receptor	0.0011	0.0008	0.0001	0.0105	0.0045	0.0005	0.0024	0.0030	0.0069	0.0332	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.55	6369.851	Gridded Receptor	0.0010	0.0007	0.0001	0.0099	0.0043	0.0005	0.0023	0.0030	0.0064	0.0300	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.6	6369.851	Gridded Receptor	0.0009	0.0006	0.0001	0.0094	0.0043	0.0005	0.0023	0.0031	0.0059	0.0276	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0013	s/m^2/year
357.65	6369.851	Gridded Receptor	0.0009	0.0006	0.0001	0.0093	0.0044	0.0006	0.0024	0.0032	0.0058	0.0276	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0014	s/m^2/year
357.7	6369.851	Gridded Receptor	0.0009	0.0006	0.0001	0.0094	0.0045	0.0006	0.0025	0.0033	0.0058	0.0277	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.75	6369.851	Gridded Receptor	0.0009	0.0007	0.0001	0.0094	0.0046	0.0006	0.0026	0.0034	0.0059	0.0274	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.8	6369.851	Gridded Receptor	0.0009	0.0007	0.0001	0.0094	0.0046	0.0006	0.0026	0.0035	0.0058	0.0268	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.85	6369.851	Gridded Receptor	0.0009	0.0006	0.0001	0.0092	0.0046	0.0006	0.0027	0.0035	0.0057	0.0257	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.9	6369.851	Gridded Receptor	0.0009	0.0006	0.0001	0.0091	0.0047	0.0006	0.0027	0.0037	0.0056	0.0250	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6369.851	Gridded Receptor	0.0009	0.0006	0.0001	0.0090	0.0048	0.0006	0.0028	0.0038	0.0055	0.0243	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
358	6369.851	Gridded Receptor	0.0009	0.0006	0.0001	0.0090	0.0048	0.0006	0.0029	0.0039	0.0055	0.0240	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
356.5	6369.9	Gridded Receptor	0.0016	0.0011	0.0002	0.0156	0.0086	0.0012	0.0052	0.0073	0.0093	0.0397	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.55	6369.9	Gridded Receptor	0.0017	0.0011	0.0002	0.0162	0.0088	0.0012	0.0053	0.0074	0.0096	0.0413	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6369.9	Gridded Receptor	0.0017	0.0012	0.0002	0.0167	0.0091	0.0012	0.0054	0.0076	0.0099	0.0429	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.65	6369.9	Gridded Receptor	0.0018	0.0013	0.0002	0.0174	0.0094	0.0013	0.0056	0.0079	0.0102	0.0449	0.0005	0.0006	0.0004	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0005	0.0005	0.0038	s/m^2/year
356.7	6369.9	Gridded Receptor	0.0019	0.0013	0.0002	0.0182	0.0098	0.0013	0.0058	0.0082	0.0107	0.0474	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0039	s/m^2/year
356.75	6369.9	Gridded Receptor	0.0020	0.0014	0.0002	0.0187	0.0100	0.0013	0.0059	0.0083	0.0110	0.0496	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0005	0.0006	0.0005	0.0005	0.0005	0.0039	s/m^2/year
356.8	6369.9	Gridded Receptor	0.0020	0.0014	0.0002	0.0182	0.0098	0.0013	0.0057	0.0079	0.0107	0.0501	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0038	s/m^2/year
356.85	6369.9	Gridded Receptor	0.0019	0.0013	0.0002	0.0173	0.0093	0.0012	0.0055	0.0074	0.0102	0.0492	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.9	6369.9	Gridded Receptor	0.0018	0.0012	0.0002	0.0164	0.0087	0.0011	0.0051	0.0069	0.0096	0.0470	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.95	6369.9	Gridded Receptor	0.0017	0.0012	0.0002	0.0158	0.0083	0.0010	0.0048	0.0065	0.0095	0.0452	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0032	s/m^2/year
357	6369.9	Gridded Receptor	0.0017	0.0012	0.0002	0.0159	0.0080	0.0010	0.0046	0.0062	0.0096	0.0450	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0004	0.0030	s/m^2/year
357.05	6369.9	Gridded Receptor	0.0017	0.0012	0.0002	0.0158	0.0078	0.0010	0.0044	0.0059	0.0096	0.0455	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357.1	6369.9	Gridded Receptor	0.0016	0.0011	0.0001	0.0153	0.0075	0.0009	0.0042	0.0055	0.0094	0.0449	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.15	6369.9	Gridded Receptor	0.0015	0.0011	0.0001	0.0143	0.0069	0.0008	0.0039	0.0051	0.0089	0.0428	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0024	s/m^2/year
357.2	6369.9	Gridded Receptor	0.0014	0.0010	0.0001	0.0133	0.0063	0.0007	0.0036	0.0046	0.0083	0.0403	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year

357.25	6369.9	Gridded Receptor	0.0013	0.0010	0.0001	0.0127	0.0060	0.0007	0.0033	0.0042	0.0081	0.0391	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.3	6369.9	Gridded Receptor	0.0013	0.0009	0.0001	0.0125	0.0057	0.0007	0.0031	0.0039	0.0079	0.0389	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.35	6369.9	Gridded Receptor	0.0013	0.0010	0.0001	0.0124	0.0056	0.0006	0.0029	0.0037	0.0079	0.0398	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.4	6369.9	Gridded Receptor	0.0013	0.0009	0.0001	0.0121	0.0053	0.0006	0.0028	0.0035	0.0078	0.0385	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.45	6369.9	Gridded Receptor	0.0012	0.0009	0.0001	0.0113	0.0050	0.0006	0.0027	0.0034	0.0072	0.0349	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.5	6369.9	Gridded Receptor	0.0011	0.0008	0.0001	0.0106	0.0048	0.0006	0.0026	0.0033	0.0068	0.0324	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.55	6369.9	Gridded Receptor	0.0010	0.0007	0.0001	0.0100	0.0045	0.0005	0.0025	0.0032	0.0064	0.0297	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.6	6369.9	Gridded Receptor	0.0009	0.0006	0.0001	0.0093	0.0043	0.0005	0.0024	0.0032	0.0059	0.0265	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.65	6369.9	Gridded Receptor	0.0008	0.0006	0.0001	0.0090	0.0044	0.0006	0.0024	0.0033	0.0055	0.0255	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0015	s/m^2/year
357.7	6369.9	Gridded Receptor	0.0009	0.0006	0.0001	0.0090	0.0045	0.0006	0.0025	0.0034	0.0055	0.0257	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.75	6369.9	Gridded Receptor	0.0009	0.0006	0.0001	0.0091	0.0045	0.0006	0.0026	0.0034	0.0056	0.0258	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.8	6369.9	Gridded Receptor	0.0009	0.0006	0.0001	0.0091	0.0045	0.0006	0.0026	0.0035	0.0056	0.0255	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.85	6369.9	Gridded Receptor	0.0009	0.0006	0.0001	0.0089	0.0045	0.0006	0.0027	0.0035	0.0056	0.0247	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.9	6369.9	Gridded Receptor	0.0009	0.0006	0.0001	0.0088	0.0045	0.0006	0.0027	0.0036	0.0054	0.0237	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6369.9	Gridded Receptor	0.0008	0.0006	0.0001	0.0086	0.0046	0.0006	0.0027	0.0037	0.0052	0.0228	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
358	6369.9	Gridded Receptor	0.0008	0.0006	0.0001	0.0085	0.0046	0.0006	0.0028	0.0037	0.0051	0.0221	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
356.5	6369.951	Gridded Receptor	0.0016	0.0011	0.0002	0.0152	0.0085	0.0012	0.0052	0.0072	0.0089	0.0384	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.55	6369.951	Gridded Receptor	0.0016	0.0011	0.0002	0.0157	0.0087	0.0012	0.0053	0.0074	0.0092	0.0397	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6369.951	Gridded Receptor	0.0017	0.0012	0.0002	0.0162	0.0089	0.0012	0.0054	0.0076	0.0095	0.0408	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.65	6369.951	Gridded Receptor	0.0018	0.0012	0.0002	0.0168	0.0092	0.0013	0.0056	0.0078	0.0099	0.0426	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0005	0.0004	0.0005	0.0038	s/m^2/year
356.7	6369.951	Gridded Receptor	0.0019	0.0013	0.0002	0.0175	0.0096	0.0013	0.0057	0.0081	0.0103	0.0450	0.0005	0.0007	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0004	0.0004	0.0006	0.0005	0.0005	0.0005	0.0039	s/m^2/year
356.75	6369.951	Gridded Receptor	0.0019	0.0013	0.0002	0.0177	0.0097	0.0013	0.0058	0.0080	0.0104	0.0467	0.0005	0.0006	0.0005	0.0005	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0006	0.0005	0.0005	0.0005	0.0039	s/m^2/year
356.8	6369.951	Gridded Receptor	0.0019	0.0013	0.0002	0.0171	0.0093	0.0012	0.0056	0.0077	0.0100	0.0465	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.85	6369.951	Gridded Receptor	0.0017	0.0012	0.0002	0.0160	0.0088	0.0011	0.0052	0.0071	0.0094	0.0445	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.9	6369.951	Gridded Receptor	0.0016	0.0011	0.0002	0.0152	0.0082	0.0010	0.0049	0.0066	0.0090	0.0424	0.0004	0.0005	0.0003	0.0004	0.0003	0.0005	0.0003	0.0004	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0033	s/m^2/year
356.95	6369.951	Gridded Receptor	0.0016	0.0011	0.0002	0.0150	0.0079	0.0010	0.0047	0.0063	0.0089	0.0416	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
357	6369.951	Gridded Receptor	0.0016	0.0011	0.0002	0.0153	0.0079	0.0010	0.0046	0.0062	0.0092	0.0424	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0030	s/m^2/year
357.05	6369.951	Gridded Receptor	0.0016	0.0011	0.0002	0.0154	0.0078	0.0010	0.0045	0.0061	0.0093	0.0431	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
357.1	6369.951	Gridded Receptor	0.0015	0.0011	0.0002	0.0149	0.0075	0.0009	0.0044	0.0058	0.0091	0.0423	0.0004	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0028	s/m^2/year
357.15	6369.951	Gridded Receptor	0.0014	0.0010	0.0002	0.0139	0.0070	0.0008	0.0041	0.0053	0.0085	0.0401	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0003	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357.2	6369.951	Gridded Receptor	0.0013	0.0009	0.0001	0.0129	0.0064	0.0007	0.0037	0.0048	0.0079	0.0377	0.0003	0.0004	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0024	s/m^2/year
357.25	6369.951	Gridded Receptor	0.0013	0.0009	0.0001	0.0124	0.0061	0.0007	0.0035	0.0045	0.0077	0.0368	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
357.3	6369.951	Gridded Receptor	0.0013	0.0009	0.0001	0.0123	0.0059	0.0007	0.0033	0.0042	0.0077	0.0372	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.35	6369.951	Gridded Receptor	0.0013	0.0009	0.0001	0.0124	0.0059	0.0007	0.0032	0.0041	0.0078	0.0384	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.4	6369.951	Gridded Receptor	0.0013	0.0009	0.0001	0.0121	0.0056	0.0007	0.0030	0.0038	0.0076	0.0373	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.45	6369.951	Gridded Receptor	0.0012	0.0008	0.0001	0.0112	0.0052	0.0006	0.0029	0.0037	0.0071	0.0336	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.5	6369.951	Gridded Receptor	0.0011	0.0008	0.0001	0.0105	0.0050	0.0006	0.0028	0.0035	0.0067	0.0312	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.55	6369.951	Gridded Receptor	0.0010	0.0007	0.0001	0.0099	0.0047	0.0006	0.0027	0.0034	0.0063	0.0290	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.6	6369.951	Gridded Receptor	0.0009	0.0006	0.0001	0.0092	0.0044	0.0005	0.0026	0.0033	0.0058	0.0260	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.65	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0087	0.0043	0.0005	0.0025	0.0033	0.0054	0.0241	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.7	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0086	0.0044	0.0006	0.0025	0.0034	0.0053	0.0239	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0016	s/m^2/year
357.75	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0087	0.0045	0.0006	0.0026	0.0035	0.0053	0.0242	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.8	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0087	0.0045	0.0006	0.0026	0.0035	0.0054	0.0240	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.85	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0087	0.0045	0.0006	0.0027	0.0035	0.0054	0.0236	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.9	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0085	0.0044	0.0006	0.0027	0.0035	0.0053	0.0228	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0084	0.0044	0.0006	0.0027	0.0036	0.0052	0.0219	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
358	6369.951	Gridded Receptor	0.0008	0.0006	0.0001	0.0082	0.0044	0.0006	0.0027	0.0036	0.0050	0.0210	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
356.5	6370	Gridded Receptor	0.0015	0.0010	0.0002	0.0146	0.0083	0.0011	0.0050	0.0071	0.0085	0.0363	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.55	6370	Gridded Receptor	0.0016	0.0011	0.0002	0.0151	0.0085	0.0012	0.0052	0.0073	0.0088	0.0375	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.6	6370	Gridded Receptor	0.0016	0.0011	0.0002	0.0155	0.0087	0.0012	0.0053	0.0075	0.0090	0.0387	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.65	6370	Gridded Receptor	0.0017	0.0012	0.0002	0.0160	0.0089	0.0012	0.0054	0.0076	0.0094	0.0403	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.7	6370	Gridded Receptor	0.0018	0.0012	0.0002	0.0164	0.0091	0.0012	0.0055	0.0077	0.0097	0.0420	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0006	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.75	6370	Gridded Receptor	0.0018	0.0012	0.0002	0.0163	0.0091	0.0012	0.0055	0.0076	0.0096	0.0428	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0038	s/m^2/year
356.8	6370	Gridded Receptor	0.0017	0.0011	0.0002	0.0156	0.0087	0.0011	0.0053	0.0072	0.0091	0.0418	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.85	6370	Gridded Receptor	0.0016	0.0011	0.0002	0.0148	0.0082	0.0010	0.0050	0.0067	0.0087	0.0399	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year

356.9	6370	Gridded Receptor	0.0015	0.0010	0.0002	0.0143	0.0078	0.0010	0.0047	0.0064	0.0085	0.0386	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0032	s/m^2/year
356.95	6370	Gridded Receptor	0.0015	0.0010	0.0002	0.0143	0.0076	0.0010	0.0045	0.0062	0.0085	0.0387	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
357	6370	Gridded Receptor	0.0015	0.0011	0.0002	0.0147	0.0077	0.0010	0.0045	0.0062	0.0088	0.0399	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357.05	6370	Gridded Receptor	0.0015	0.0011	0.0002	0.0147	0.0076	0.0010	0.0045	0.0061	0.0088	0.0403	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357.1	6370	Gridded Receptor	0.0015	0.0010	0.0002	0.0143	0.0074	0.0009	0.0044	0.0059	0.0086	0.0398	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357.15	6370	Gridded Receptor	0.0014	0.0010	0.0002	0.0135	0.0070	0.0008	0.0042	0.0055	0.0082	0.0381	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0028	s/m^2/year
357.2	6370	Gridded Receptor	0.0013	0.0009	0.0001	0.0127	0.0065	0.0008	0.0039	0.0051	0.0078	0.0363	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0026	s/m^2/year
357.25	6370	Gridded Receptor	0.0013	0.0009	0.0001	0.0123	0.0062	0.0007	0.0036	0.0047	0.0076	0.0355	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0024	s/m^2/year
357.3	6370	Gridded Receptor	0.0013	0.0009	0.0001	0.0122	0.0061	0.0007	0.0035	0.0045	0.0075	0.0357	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
357.35	6370	Gridded Receptor	0.0013	0.0009	0.0001	0.0123	0.0060	0.0007	0.0033	0.0043	0.0076	0.0369	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
357.4	6370	Gridded Receptor	0.0013	0.0009	0.0001	0.0120	0.0058	0.0007	0.0032	0.0041	0.0075	0.0362	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.45	6370	Gridded Receptor	0.0012	0.0008	0.0001	0.0112	0.0054	0.0006	0.0031	0.0039	0.0071	0.0330	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.5	6370	Gridded Receptor	0.0011	0.0008	0.0001	0.0104	0.0051	0.0006	0.0029	0.0037	0.0065	0.0300	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.55	6370	Gridded Receptor	0.0010	0.0007	0.0001	0.0098	0.0048	0.0006	0.0028	0.0036	0.0062	0.0281	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.6	6370	Gridded Receptor	0.0009	0.0007	0.0001	0.0091	0.0045	0.0005	0.0027	0.0034	0.0058	0.0255	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.65	6370	Gridded Receptor	0.0008	0.0006	0.0001	0.0085	0.0043	0.0005	0.0026	0.0033	0.0053	0.0231	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.7	6370	Gridded Receptor	0.0008	0.0005	0.0001	0.0084	0.0043	0.0006	0.0025	0.0034	0.0051	0.0224	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.75	6370	Gridded Receptor	0.0008	0.0005	0.0001	0.0083	0.0044	0.0006	0.0026	0.0034	0.0051	0.0224	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.8	6370	Gridded Receptor	0.0008	0.0006	0.0001	0.0084	0.0044	0.0006	0.0026	0.0035	0.0051	0.0226	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.85	6370	Gridded Receptor	0.0008	0.0006	0.0001	0.0084	0.0044	0.0006	0.0026	0.0035	0.0052	0.0224	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.9	6370	Gridded Receptor	0.0008	0.0006	0.0001	0.0083	0.0044	0.0005	0.0026	0.0035	0.0052	0.0219	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6370	Gridded Receptor	0.0008	0.0006	0.0001	0.0081	0.0043	0.0006	0.0026	0.0035	0.0050	0.0211	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
358	6370	Gridded Receptor	0.0008	0.0005	0.0001	0.0079	0.0043	0.0006	0.0026	0.0035	0.0049	0.0203	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
356.5	6370.05	Gridded Receptor	0.0015	0.0010	0.0002	0.0139	0.0079	0.0011	0.0049	0.0069	0.0081	0.0339	0.0004	0.0005	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0034	s/m^2/year
356.55	6370.05	Gridded Receptor	0.0015	0.0010	0.0002	0.0144	0.0082	0.0011	0.0050	0.0071	0.0083	0.0352	0.0005	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.6	6370.05	Gridded Receptor	0.0016	0.0011	0.0002	0.0147	0.0084	0.0012	0.0051	0.0073	0.0085	0.0365	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.65	6370.05	Gridded Receptor	0.0016	0.0011	0.0002	0.0151	0.0085	0.0012	0.0052	0.0073	0.0088	0.0379	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.7	6370.05	Gridded Receptor	0.0016	0.0011	0.0002	0.0151	0.0085	0.0011	0.0052	0.0073	0.0088	0.0387	0.0005	0.0006	0.0004	0.0004	0.0004	0.0006	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0037	s/m^2/year
356.75	6370.05	Gridded Receptor	0.0016	0.0011	0.0002	0.0148	0.0084	0.0011	0.0052	0.0071	0.0086	0.0386	0.0004	0.0006	0.0004	0.0004	0.0004	0.0005	0.0003	0.0005	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0036	s/m^2/year
356.8	6370.05	Gridded Receptor	0.0015	0.0010	0.0002	0.0142	0.0081	0.0010	0.0050	0.0068	0.0083	0.0375	0.0004	0.0005	0.0004	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0004	0.0004	0.0004	0.0035	s/m^2/year
356.85	6370.05	Gridded Receptor	0.0014	0.0010	0.0002	0.0137	0.0077	0.0010	0.0047	0.0064	0.0081	0.0361	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0003	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0033	s/m^2/year
356.9	6370.05	Gridded Receptor	0.0014	0.0010	0.0002	0.0135	0.0074	0.0009	0.0045	0.0061	0.0080	0.0355	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
356.95	6370.05	Gridded Receptor	0.0014	0.0010	0.0002	0.0137	0.0074	0.0010	0.0044	0.0061	0.0081	0.0362	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357	6370.05	Gridded Receptor	0.0015	0.0010	0.0002	0.0141	0.0075	0.0010	0.0045	0.0061	0.0084	0.0374	0.0004	0.0005	0.0003	0.0003	0.0003	0.0005	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357.05	6370.05	Gridded Receptor	0.0014	0.0010	0.0002	0.0141	0.0075	0.0009	0.0045	0.0061	0.0084	0.0380	0.0004	0.0005	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0031	s/m^2/year
357.1	6370.05	Gridded Receptor	0.0014	0.0010	0.0002	0.0137	0.0073	0.0009	0.0044	0.0059	0.0082	0.0374	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0030	s/m^2/year
357.15	6370.05	Gridded Receptor	0.0013	0.0009	0.0002	0.0131	0.0070	0.0008	0.0042	0.0056	0.0079	0.0363	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0002	0.0004	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0029	s/m^2/year
357.2	6370.05	Gridded Receptor	0.0013	0.0009	0.0002	0.0126	0.0067	0.0008	0.0040	0.0053	0.0077	0.0353	0.0003	0.0004	0.0003	0.0003	0.0002	0.0004	0.0002	0.0003	0.0002	0.0002	0.0004	0.0003	0.0003	0.0003	0.0027	s/m^2/year
357.25	6370.05	Gridded Receptor	0.0013	0.0009	0.0001	0.0123	0.0064	0.0008	0.0038	0.0049	0.0075	0.0347	0.0003	0.0004	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0025	s/m^2/year
357.3	6370.05	Gridded Receptor	0.0013	0.0009	0.0001	0.0122	0.0062	0.0008	0.0036	0.0047	0.0075	0.0348	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0024	s/m^2/year
357.35	6370.05	Gridded Receptor	0.0013	0.0009	0.0001	0.0122	0.0061	0.0007	0.0035	0.0045	0.0075	0.0356	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0022	s/m^2/year
357.4	6370.05	Gridded Receptor	0.0013	0.0009	0.0001	0.0120	0.0059	0.0007	0.0033	0.0043	0.0074	0.0350	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0021	s/m^2/year
357.45	6370.05	Gridded Receptor	0.0012	0.0008	0.0001	0.0113	0.0056	0.0007	0.0032	0.0041	0.0071	0.0324	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0003	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0020	s/m^2/year
357.5	6370.05	Gridded Receptor	0.0011	0.0008	0.0001	0.0104	0.0052	0.0006	0.0030	0.0039	0.0065	0.0292	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.55	6370.05	Gridded Receptor	0.0010	0.0007	0.0001	0.0097	0.0049	0.0006	0.0029	0.0037	0.0061	0.0272	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0019	s/m^2/year
357.6	6370.05	Gridded Receptor	0.0009	0.0007	0.0001	0.0090	0.0045	0.0005	0.0027	0.0035	0.0057	0.0249	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.65	6370.05	Gridded Receptor	0.0008	0.0006	0.0001	0.0084	0.0043	0.0005	0.0026	0.0034	0.0053	0.0225	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.7	6370.05	Gridded Receptor	0.0008	0.0005	0.0001	0.0081	0.0042	0.0005	0.0025	0.0034	0.0050	0.0211	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.75	6370.05	Gridded Receptor	0.0007	0.0005	0.0001	0.0079	0.0042	0.0005	0.0025	0.0034	0.0048	0.0207	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.8	6370.05	Gridded Receptor	0.0008	0.0005	0.0001	0.0080	0.0043	0.0005	0.0026	0.0034	0.0049	0.0210	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0017	s/m^2/year
357.85	6370.05	Gridded Receptor	0.0008	0.0005	0.0001	0.0081	0.0043	0.0005	0.0026	0.0035	0.0050	0.0211	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.9	6370.05	Gridded Receptor	0.0008	0.0005	0.0001	0.0080	0.0043	0.0005	0.0026	0.0034	0.0050	0.0208	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.95	6370.05	Gridded Receptor	0.0008	0.0005	0.0001	0.0078	0.0042	0.0005	0.0026	0.0034	0.0049	0.0203	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
358	6370.05	Gridded Receptor	0.0007	0.0005	0.0001	0.0077	0.0041	0.0005	0.0026	0.0034	0.0047	0.0196	0.0002	0.0002	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0018	s/m^2/year
357.245	6369.49	Gridded Receptor	0.0011	0.0009	0.0000	0.0091	0.0033	0.0005	0.0015	0.0023	0.0060	0.0462	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0006	s/m^2/year

357.245	6369.49	Gridded Receptor	0.0011	0.0009	0.0000	0.0091	0.0033	0.0005	0.0015	0.0023	0.0060	0.0462	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0000	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.0002	0.0006	$s/m^2/year$
357.195	6369.101	Gridded Receptor	0.0005	0.0004	0.0000	0.0052	0.0028	0.0003	0.0014	0.0020	0.0028	0.0249	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	$s/m^2/year$
357.257	6369.085	Gridded Receptor	0.0004	0.0003	0.0000	0.0042	0.0027	0.0004	0.0013	0.0022	0.0017	0.0203	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	$s/m^2/year$
357.279	6369.086	Gridded Receptor	0.0004	0.0002	0.0000	0.0042	0.0027	0.0004	0.0013	0.0022	0.0016	0.0207	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0009	$s/m^2/year$
357.296	6369.104	Gridded Receptor	0.0004	0.0002	0.0000	0.0039	0.0025	0.0004	0.0011	0.0020	0.0014	0.0188	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0007	$s/m^2/year$
357.31	6369.127	Gridded Receptor	0.0003	0.0002	0.0000	0.0036	0.0023	0.0004	0.0009	0.0019	0.0013	0.0160	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0006	$s/m^2/year$
357.316	6369.148	Gridded Receptor	0.0003	0.0002	0.0000	0.0034	0.0021	0.0004	0.0008	0.0018	0.0012	0.0131	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	$s/m^2/year$
357.32	6369.163	Gridded Receptor	0.0003	0.0001	0.0000	0.0033	0.0020	0.0004	0.0008	0.0018	0.0011	0.0112	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	$s/m^2/year$
357.341	6369.158	Gridded Receptor	0.0003	0.0002	0.0000	0.0037	0.0023	0.0005	0.0008	0.0021	0.0012	0.0129	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0000	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0005	$s/m^2/year$
357.434	6369.05	Gridded Receptor	0.0011	0.0007	0.0001	0.0101	0.0059	0.0009	0.0026	0.0047	0.0044	0.0443	0.0003	0.0004	0.0003	0.0003	0.0003	0.0004	0.0001	0.0004	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0016	$s/m^2/year$
357.5	6369.45	Gridded Receptor	0.0007	0.0005	0.0000	0.0063	0.0024	0.0003	0.0010	0.0014	0.0040	0.0297	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	$s/m^2/year$

Appendix C

Tier 1 Screening Tables

Appendix C Tier 1 Screening Tables

Table T1
Screening Criteria Selection Process - Chronic Assessment

CoPC	Averaging Period	NEPM Air Toxics (2011) (µg/m^3)	NEPM Ambient Air Quality (2003) (µg/m^3)	WHO (2010) (µg/m^3)	WHO (2005) (µg/m^3)	WHO (2000) (µg/m^3)	California Ambient Air Quality Standards (2002) (µg/m^3)	US EPA RSLs Residential Air (May 2016) (µg/m^3)	US EPA RSLs Industrial Air (May 2016) µg/m^3	Selected Chronic Tier 1 Screening Criteria - Residents and Recreational Users (µg/m^3)	Selected Chronic Tier 1 Screening Criteria - Commercial Worker (µg/m^3)
carbon monoxide (CO)	15 minutes	-	-	100,000	-	100,000	-	-	-	7,000	7,000
	30 minutes	-	-		-	60,000	-	-	-		
	1 hour	-	-	35,000	-	30,000	24,700	-	-		
	8 hours	-	10,000 (a)	10,000	-	10,000	11,100	-	-		
	1 day	-	-	7,000	-	-	-	-	-		
sulphur dioxide (SO_2)	10 minutes	-	-		500	500	-	-	-	210	210
	1 hour	-	520 (a)		-	-	705	-	-		
	1 day	-	210 (a)		20	125	113	-	-		
	1 year	-	50 (a)		-	50	-	-	-		
nitrogen dioxide (NO_2))	1 hour	-	230 (a)	200	200	200	365	-	-	55	55
	1 year	-	55 (a)	40	40	40	61	-	-		
sulfuric acid (H_2SO_4)	1 day	-	-		-	-	25	1	4.4	25	25
hydrogen chloride (HCl)	-	-	-		-	-	-	21	88	21	88
hydrogen fluoride (HF)	-	-	-		-	-	-	15	61	15	61
PM_{10}	1 day	-	50		50	-	50	-	-	50	50
	1 year	-	-		20	-	20	-	-		
$PM_{2.5}$	1 day	-	25		25	-	35	-	-	25	25
	1 year	-	8		10	-	12	-	-		
antimony	-	-	-		-	-	-	0.210 (c)	8.80E-01 (c)	0.210	8.80E-01
arsenic	-	-	-		-	6.67E-04 (h)	-	6.50E-04	2.90E-03	6.67E-04	6.67E-04
beryllium	-	-	-		-	-	-	1.20E-03 (d)	5.10E-03	1.20E-03	5.10E-03
cadmium	-	-	-		-	5.00E-03 (j)	-	1.60E-03	6.80E-03	5.00E-03	5.00E-03
chromium	-	-	-		-	9.09E-05 (i)	-	0.000012 (e)	1.50E-04	9.09E-05	9.09E-05
cobalt	-	-	-		-	-	-	1.50E-05	1.50E-04	1.50E-05	1.50E-04
copper	-	-	-		-	-	-	-	-	-	-
lead	1 year	-	0.5		0.5	0.5	-	0.15	-	0.5	0.5
manganese	-	-	-		-	1.50E-01	-	5.20E-02	2.20E-01	1.50E-01	1.50E-01
mercury	-	-	-		-	1	-	3.10E-01 (f)	1.30E+00 (f)	3.10E-01	1.30E+00
nickel	-	-	-		-	0.00263158	-	1.50E-03 (g)	6.10E-03 (g)	2.63E-03	0.002631579
selenium	-	-	-		-	-	-	2.10E+01	8.80E+01	2.10E+01	8.80E+01
tin	-	-	-		-	-	-	-	-	-	-
vanadium	-	-	-		-	1	-	1.00E-01	4.40E-01	1.00E+00	1
dioxins and furans	-	-	-		-	-	-	-	-	-	-
benzene	-	9.6 (a)	-	1.7	-	0.1 (b)	-	0.36	1.6	1.7	1.7

Notes:

(a) Converted from parts per million (or nanograms per cubic metre) using molecular weight for each CoPC published by RAIS (2015). Standard temperature and pressure assumed i.e. 25ºC and 1 atm

(b) Converted published unit risk value for carcinogenic CoPC using an acceptable risk level of 1×10^{-6}

(c) based on anitmony trioxide

(d) Beryllium and compounds

(e) As hexavalent chronmium (CrVI)

(f) As elemental mercury

(g) Based on nickel refinery dust

(h) As a carcinogen

(i) Range presented of 1.1 to 13 x10-3, lowest value presented for a carcinogen.

(j) As a non-carcinogen

USEPA RSL are based on a HQ of 1.0

Table T2
Chronic Air Quality Results - Scenario 1 and Scenario 2

CoPC	Selected Chronic Tier 1 Screening Criteria - Residents and Recreational Users (µg/m3)	Selected Chronic Tier 1 Screening Criteria - Commercial Worker (µg/m3)	Scenario 1: 24-hr Maximum Ground Level Concentrations (µg/m^3)			Scenario 1: Grid Maximum Ground Level Concentrations (µg/m^3)	Scenario 2: 24-hr Maximum Ground Level Concentrations (µg/m^3)			Scenario 2: Grid Maximum Ground Level Concentrations (µg/m^3)
			Off-site Resident	Off-site Recreational User	Off-site Commercial Worker		Off-site Resident	Off-site Recreational User	Off-site Commercial Worker	
carbon monoxide (CO)	7000	7000	0.777	0.234	0.606	1.263	7.176	3.149	5.008	7.697
sulphur dioxide (SO_2)	210	210	24.395	23.673	24.094	25.07	24.367	23.657	24.090	25.07
nitrogen dioxide (NO_2))	55	55	2.732	0.986	2.078	3.416	11.771	5.063	8.329	12.64
sulfuric acid (H_2SO_4)	25	25	0.987	0.424	0.754	1.043	5.371	2.398	3.782	5.57
hydrogen chloride	21	88	0.171	0.068	0.124	0.211	3.275	1.267	2.393	4.259
hydrogen fluoride (HF)	15	61	0.234	0.121	0.280	0.468	0.231	0.120	0.277	0.468
PM_{10}	50	50	**65.39**	**65.16**	**65.33**	**65.73**	**65.94**	**65.32**	**65.74**	**66.06**
$PM_{2.5}$	25	25	**25.90**	**25.90**	**25.90**	**25.90**	**26.00**	**25.95**	**25.97**	**26.01**
antimony	2.10E-01	8.80E-01	6.17E-05	2.50E-05	4.43E-05	7.32E-05	3.89E-03	1.75E-03	2.69E-03	4.03E-03
arsenic	6.67E-04	6.67E-04	2.51E-05	8.36E-06	1.94E-05	3.73E-05	**3.89E-03**	**1.75E-03**	**2.69E-03**	**4.02E-03**
beryllium	1.20E-03	5.10E-03	5.26E-06	1.92E-06	4.04E-06	7.53E-06	**3.87E-03**	**1.75E-03**	2.67E-03	**4.00E-03**
cadmium	5.00E-03	5.00E-03	2.99E-04	9.12E-05	2.34E-04	4.92E-04	4.13E-03	1.83E-03	2.88E-03	4.38E-03
chromium	9.09E-05	9.09E-05	**3.10E-04**	**9.76E-05**	**2.42E-04**	**4.92E-04**	**4.13E-03**	**1.83E-03**	**2.88E-03**	**4.38E-03**
cobalt	1.50E-05	1.50E-04	7.06E-06	2.12E-06	5.52E-06	1.18E-05	**3.87E-03**	**1.75E-03**	**2.68E-03**	**4.00E-03**
copper	-	-	3.44E-04	1.27E-04	2.63E-04	4.88E-04	2.56E-04	7.70E-05	2.00E-04	4.28E-04
lead	5.00E-01	5.00E-01	1.19E-03	3.62E-04	9.31E-04	1.97E-03	4.94E-03	2.10E-03	3.49E-03	5.54E-03
manganese	1.50E-01	1.50E-01	1.37E-03	4.62E-04	1.06E-03	2.02E-03	4.94E-03	2.10E-03	3.49E-03	5.54E-03
mercury	3.10E-01	1.30E+00	2.12E-03	9.55E-04	1.47E-03	2.20E-03	3.89E-03	1.75E-03	2.69E-03	4.02E-03
nickel	2.63E-03	2.63E-03	3.02E-04	9.26E-05	2.35E-04	4.92E-04	**4.13E-03**	1.83E-03	**2.88E-03**	**4.38E-03**
selenium	2.10E+01	8.80E+01	5.59E-05	1.68E-05	4.37E-05	9.34E-05	3.92E-03	1.76E-03	2.71E-03	4.07E-03
tin	-	-	1.62E-05	4.87E-06	1.27E-05	2.70E-05	3.88E-03	1.75E-03	2.68E-03	4.02E-03
vanadium	1.00E+00	1.00E+00	3.82E-05	1.15E-05	2.99E-05	6.39E-05	3.90E-03	1.76E-03	2.70E-03	4.04E-03
dioxins and furans	-	-	5.08E-10	2.29E-10	3.51E-10	5.24E-10	6.53E-10	2.94E-10	4.51E-10	6.74E-10
benzene	1.70E+00	1.70E+00	3.90E-01	2.15E-01	3.85E-01	7.16E-01	**2.27E+00**	1.01E+00	1.69E+00	**2.33E+00**

Table T3
Screening Criteria Selection Process - Acute Assessment

CoPC	NEPM 1-hour Ambient Air Quality (2003) µg/m^3	Acute Reference Exposure Levels (AREL) (OEHHA, 2015) (µg/m^3)	Temporary Emergency Exposure Limits (TEEL) Protective Action Critera (US DOC, 2015) (µg/m^3) (a)				Protective Action Criteria (PAC) (US DOE, 2016) (µg/m^3)			Selected Acute Tier 1 Screening Criteria (µg/m^3)
			TEEL 0	TEEL 1	TEEL 2	TEEL 3	PAC-1	PAC-2	PAC-3	
carbon monoxide (CO)		23,000					85,920	95,085	378,049	23,000
sulphur dioxide (SO_2)	520	660					200	750	30,000	520
nitrogen dioxide (NO_2))	230	470					500	12000	20000	230
sulfuric acid (H_2SO_4)		120		200	8700	160000	200	8700	160000	120
hydrogen chloride (HCl)		2100					2610	31898	144990	2100
PM_{10}				30000	300000	2000000				30000
$PM_{2.5}$				30000	300000	2000000				30000
antimony				500	500	80000	1500	13000	80000	500
arsenic		0.2		30	580	TEEL	1500	17000	100000	30
beryllium				2.3	25	100	2.3	25	100	2.3
cadmium				100	760	4700	100	760	4700	100
chromium			1000	1500	17000	99000	1500	17000	99000	1000
cobalt				180	2000	20000	180	2000	20000	180
copper		100		1000	1000	45000	3000	33000	200000	100
lead				150	120000	700000	150	120000	700000	150
manganese				3000	5000	1800000	3000	5000	1800000	3000
mercury		0.6					150	1700	8900 (c)	0.6
nickel		0.2		4500	50000	99000	4500	50000	99000	0.2
selenium				200	200	1600	600	6600	40000	200
tin				6000	67000	400000	6000	67000	400000	6000
vanadium		30 (b)		110	1200	70000	3000	5800	35000	30
dioxins and furans			0.6	0.00003	2.3	4 (d)	0.13	1.4	8.5 (d)	0.6
benzene		27					166124	2555746	12778732	27

Notes:

NR - Not recommended due to insufficient data

(a) Converted from parts per million (or nanograms per cubic metre) using molecular weight for each CoPC published by RAIS (2015). Standard temperature and pressure assumed i.e. 25ºC and 1 atm.

(b) Value for vanadium pentoxide adopted due to structural similarities.

(c) Value for mercury vapours adopted.

(d) Value for 2,3,7,8-TCDD adopted to be conservative.

Table T4
Acute Air Quality Results - Scenario 2 and Scenario 4

CoPC	Selected Acute Tier 1 Screening Criteria ($\mu g/m^3$)	Scenario 2: 1-hr Maximum Ground Level Concentrations ($\mu g/m^3$)				Scenario 4: 1-hr Maximum Ground Level Concentrations ($\mu g/m^3$)			
		Off-site Resident	Off-site Recreational User	Off-site Commercial Worker	Grid Maximum	Off-site Resident	Off-site Recreational User	Off-site Commercial Worker	Grid Maximum
carbon monoxide (CO)	23000	43.57	44.22	46.01	49.01	4.74	3.12	4.502	7.79
sulphur dioxide (SO2)	520	243.93	239.33	257.55	260.22	245.09	241.95	257.55	299
nitrogen dioxide (NO2))	230	169.7	170.85	175.07	180.08	116.42	112.44	116.22	230
sulfuric acid (H2SO4)	120	32.41	33.58	35.42	36.65	1.87	0.901	4.41	4.94
hydrogen chloride (HCl)	2100	20.24	17.64	18.91	24.75	42.97	36.64	74.4	649
PM_{10}	30000	136.47	136.46	139.122	140.15	9.0994*	6.9591*	14.07*	140
$PM_{2.5}$	30000	62.43	62.46	62.49	62.51				61.8
antimony	500	2.40E-02	2.47E-02	2.60E-02	2.67E-02	2.30E-02	1.98E-02	4.00E-02	3.52E-01
arsenic	30	2.40E-02	2.46E-02	2.60E-02	2.67E-02	2.30E-02	1.98E-02	4.03E-02	3.52E-01
beryllium	2.3	8.00E-03	6.00E-03	7.00E-03	2.656E-02	2.51E-05	1.66E-05	2.37E-05	4.155E-05
cadmium	100	2.50E-02	2.58E-02	2.70E-02	2.808E-02	1.16E-02	9.70E-03	1.74E-02	1.508E-01
chromium	1000	2.50E-02	2.60E-02	2.70E-02	2.808E-02	2.50E-02	2.10E-02	4.00E-02	3.519E-01
cobalt	180	2.40E-02	2.46E-02	2.60E-02	2.657E-02	2.30E-02	1.97E-02	4.00E-02	3.519E-01
copper	100	1.60E-03	1.05E-03	1.51E-03	2.638E-03	2.45E-02	2.07E-02	4.04E-02	3.519E-01
lead	150	2.90E-02	2.90E-02	3.00E-02	3.46E-02	3.00E-02	2.50E-02	4.00E-02	3.519E-01
manganese	3000	4.90E-03	2.10E-03	3.50E-03	3.464E-02	3.00E-02	2.50E-02	4.10E-02	3.519E-01
mercury	0.6	2.40E-02	2.47E-02	2.60E-02	2.666E-02	4.30E-02	3.66E-02	7.50E-02	6.535E-01
nickel	0.2	2.50E-02	2.60E-02	2.70E-02	2.808E-02	2.50E-02	2.10E-02	4.00E-02	3.519E-01
selenium	200	2.40E-02	2.50E-02	2.60E-02	2.683E-02	3.49E-04	2.30E-04	3.29E-04	5.762E-04
tin	6000	2.40E-02	2.50E-02	2.60E-02	2.662E-02	2.30E-02	1.98E-02	4.03E-02	3.519E-01
vanadium	30	2.40E-02	2.50E-02	2.60E-02	2.673E-02	2.38E-04	1.58E-04	2.25E-04	3.942E-04
dioxins and furans	0.6	3.97E-09	4.13E-09	4.34E-09	4.472E-09	6.38E-05	5.45E-05	1.12E-04	9.739E-04
benzene	27	13.49	13.90	14.94	15.63	3.34	1.44	7.91	8.90

Note

*based on TSP data which includes $PM_{2.5}$, PM_{10} and other size particulates so is likely to be conservative

NA - Not assessed in Scenario 2 or Scenario 4.

Table T5
Chronic Air Quality Results - Scenario 3

CoPC	Selected Chronic Tier 1 Screening Criteria - Residents and Recreational Users (µg/m3)	Selected Chronic Tier 1 Screening Criteria - Commercial Worker (µg/m3)	Scenario 3: 24-hr Maximum Ground Level Concentrations (µg/m^3)			
			Off-site Resident	Off-site Recreational User	Off-site Commercial Worker	Grid Maximum
carbon monoxide (CO)	7000	7000	NA	NA	NA	NA
sulphur dioxide (SO_2)	210	210	35.674	26.084	34.320	41.604
nitrogen dioxide (NO_2))	55	55	26.033	6.586	22.779	37.942
sulfuric acid (H_2SO_4)	1	4.4	NA	NA	NA	NA
hydrogen chloride (HCl)	21	88	NA	NA	NA	NA
hydrogen fluoride (HF)	15	61	NA	NA	NA	NA
PM_{10}	50	50	**66.92**	**65.44**	**66.82**	**67.75**
$PM_{2.5}$	25	25	**27.92**	**26.44**	**27.82**	**28.75**
antimony	0.21	0.88	NA	NA	NA	NA
arsenic	0.000666667	0.000666667	NA	NA	NA	NA
beryllium	0.0012	0.0051	NA	NA	NA	NA
cadmium	0.005	0.005	NA	NA	NA	NA
chromium	9.09091E-05	9.09091E-05	NA	NA	NA	NA
cobalt	0.000015	0.00015	NA	NA	NA	NA
copper	-	-	NA	NA	NA	NA
lead	0.5	0.5	0.1580	0.0418	0.1561	0.2408
manganese	0.15	0.15	NA	NA	NA	NA
mercury	0.31	1.3	NA	NA	NA	NA
nickel	0.002631579	0.002631579	NA	NA	NA	NA
selenium	21	88	NA	NA	NA	NA
tin	-	-	NA	NA	NA	NA
vanadium	1	1	NA	NA	NA	NA
dioxins and furans	-	-	NA	NA	NA	NA
benzene	1.7	1.7	NA	NA	NA	NA

Notes:
NA - Not assessed in Scenario 3.

Appendix D

Acute Exposure Assessment

Appendix D Acute Exposure Assessment

Acute Exposure Assessment

1.1 Acute Inhalation Exposure Criteria

A variety of different criteria are available for the assessment of potential human health effects associated with acute emissions to air. There is no single organisation or methodology that has developed acute criteria values for benchmarks for all CoPC. Hence, a hierarchical approach has been adopted for selected existing guidelines for acute inhalation exposure criteria.

Acute inhalation exposure criteria have been developed by a number of organisations and agencies, including:

- American Conference of Governmental Industrial Hygienists (ACGIH),
- Occupational Safety and Health Administration (OSHA),
- National Institute of Occupational Safety and Health (NIOSH),
- American Industrial Hygiene Association (AIHA),
- National Research Council on Toxicology (NRCT) US EPA,
- Agency for Toxic Substances and Disease Registry (ATSDR),
- California Environmental Protection Agency (Cal EPA),
- National Advisory Committee (NAC) and the US Department of Energy (DOE);
- Subcommittee on Consequences Assessment and Protection Actions (SCAPA), and
- National Occupational Health and Safety Commission (NOHSC).

The acute inhalation exposure criteria were established by the abovementioned organisations and agencies to:

- Be protection of a range of exposure groups including occupational works, military personnel and the general public;
- Based on a range of exposure duration, typically relevant to the exposure group, but ranging from 15 minutes to 8-hours (typical of an occupational setting) to 24-hours; and
- Protection of a range of toxicological endpoints such as mild discomfort, irritation, serious debilitating and potentially life-threatening effects and mortality.

The hierarchical approach adopted for this acute assessment is based on that recommended by the US EPA Office of Solid Waste and detailed in Appendix A of the document '*Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities'* (US EPA, 2005). The screening approach is focused on the protection of the general public, including residents and commercial workers, and is summarised below in order of preference:

1) Acute Exposure Guideline Levels (AEGLs) developed by the NAC/AEGL Committee and available from the US EPA.
2) Emergency Response Planning Guidelines (ERPGs) developed by the AIHA and SCAPA.
3) Acute Reference Exposure Levels (ARELs) developed by the Cal EPA.
4) Temporary Emergency Exposure Limits (TEELs) developed by SCAPA.
5) SCAPA toxicity-based approach as presented by the DOE.

1.2 Acute Exposure Guideline Levels (AEGLs)

Acute Exposure Guideline Levels (AEGLs) are under development by the US National Research Council's Committee on Toxicology. The committee developed detailed guidelines for developing uniform, meaningful emergency response standards for the general public. The criteria in the guidelines take into account sensitive individuals and are meant to protect nearly all people. The committee has started to put the guidelines into practice in developing AEGLs for specific chemicals. The guidelines define three-tiered AEGLS as follows:

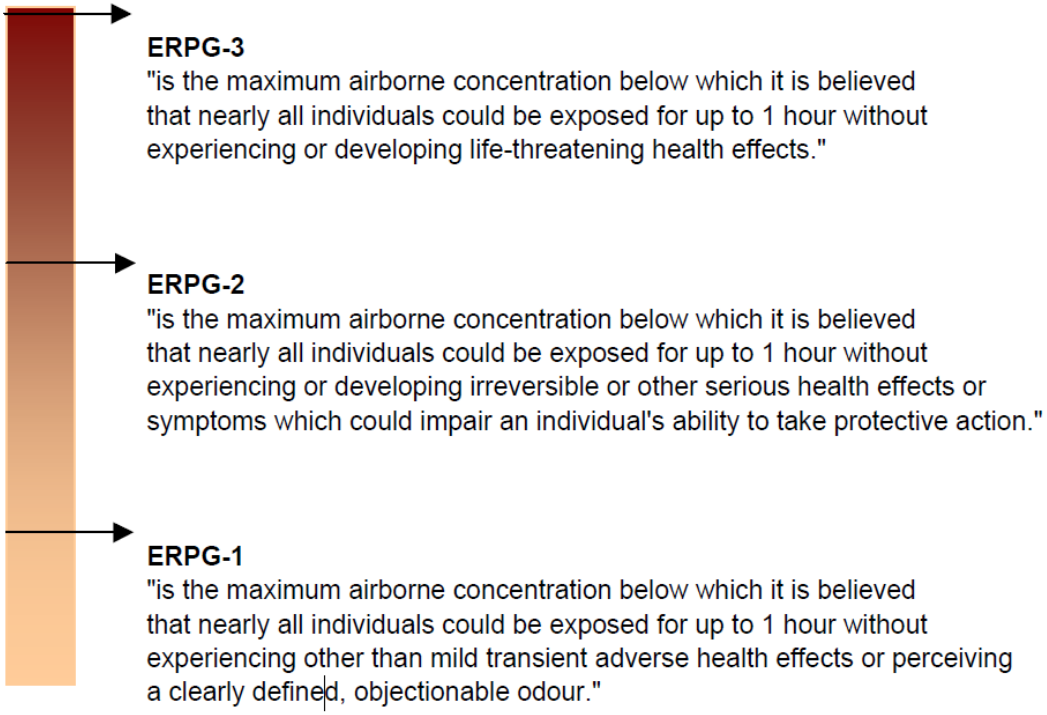
- AEGL 1: The airborne concentration of a substance above which it is predicted that the general population, including sensitive individuals, could experience notable discomfort, irritation, or certain asymptomatic non-sensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.
- AEGL 2: The airborne concentration of a substance above which it is predicated that the general population, including sensitive individuals, could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.
- AEGL 3: The airborne concentration of a substance above which it is predicted that the general population, including sensitive individuals, could experience life-threatening health effects or mortality.

Each of the three levels of AEGLs: AEGL 1, AEGL 2 and AEGL 3, have generally been developed for five exposure periods i.e. 10 minutes, 30 minutes, 1-hour, 4-hours and 8-hours. For the purposing of this acute assessment, the 1-hour criteria were adopted where available.

1.3 Emergency Response Planning Guidelines (ERPGs)

The Emergency Response Planning Guidelines (ERPGs) were developed by the ERPG committee of the American Industrial Hygiene Association (AIHA). The ERPGs were developed as planning guidelines, to anticipate adverse human health effect caused by potential exposure to toxic chemicals. The ERPGs are a three-tiered guideline with one common denominator; a 1-hour contact (or average) duration. Each guideline identifies the substance, its chemical and structural properties, animal toxicological data, human experience, existing exposure guidelines, the rationale behind the selected value and a list of references.

Definitions and a figure of the three-tiered ERPG exposure guidelines from the ERPG publication are provided below.



The three-tiered ERPG Exposure Guidelines. (Definitions and figure are from the ERPG publication).

The ERPG exposure guidelines are not designed to be protection of all individuals. Hypersensitive individuals may suffer adverse reactions to concentrations far below those suggested in the guidelines. ERPGs do not contain safety factors usually incorporated into exposure guideline such as the AEGL. Rather, they estimate how the general public would react to chemical exposure.

1.4 Acute Reference Exposure Levels (ARELs)

Acute Reference Exposure Levels (ARELs) have been established by the California EPA (Air Resources Board) for the protection of all individuals from any health impacts associated with short-term emissions to air. The AREL us an exposure level that is not likely to cause adverse health effects in human populations, including sensitive individuals, exposed to those concentrations for 1-hour on an intermittent basis. They are not specifically designed for accidental release situations but are designed for assessing the acute impacts of normal operations (with typical fluctuations). The derivation of the levels includes the use of safety factors and is considered to be protection of mild adverse effects, similar to the ERPG 1 or TEEL 1 level.

1.5 Temporary Emergency Exposure Limits (TEELs)

TEELs have been established (published by US DOE, January 2002) for a range of chemicals that are relevant for a range of potential health effects (defined as TEEL0 to TEEL 3). They have been derived using an approved methodology utilised by the AIHA in developing a range of Emergency Response Planning Guidelines for a similar range of health effects (ERPGs, ranging from ERPG 1 to ERPG 3). ERPGs are only available for a small number of chemicals. The TEELs cover a much wider range of chemicals. TEELs are only considered 'temporary' levels until ERPGs have been established for the chemical. Like ERPGs, they do no incorporate safety factors. Rather, they are designed to represent the predicted response of members of the general public to different concentrations of a chemical during an incident. TEELS are a four-tiered guideline based as follows:

- TEEL 0: The threshold concentrations below which most people will experience no appreciable risk of health effects.
- TEEL 1: The maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing other than mild transient adverse health effects or perceiving a clearly defined objectionable odour. The level is similar to ERPG 1.
- TEEL 2: The maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing or developing irreversible or other serious health effects or symptoms that could impair their abilities to take protective action. The level is similar to ERPG 2.
- TEEL 3: The maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing or developing life-threatening health effects. The level is similar to ERPG 3.

TEELs are recommended to be relevant to the assessment of peak 15-minute time-weighted average concentrations.

Appendix E

Toxicological Profiles

Appendix E Toxicological Profiles

Carbon Monoxide

The following information has been sourced from the Australian National Environment Protection Council (NEPC), World Health Organisation (WHO) and United States Environment Protection Authority (USEPA).

Chemical Identification

Synonyms: carbon oxide, flue gas, monoxide

CAS: 630-08-0

Molecular Formula: CO

Molecular Weight: 28.01 g/mol

General

Carbon monoxide (CO) is a colourless, non-irritating, odourless and tasteless gas that is ubiquitous in the atmosphere.

CO is made when carbon in fuel is not burned completely. It is produced from both anthropogenic (human-made) and natural sources. The most important human-made source of CO arises from the exhaust of automobiles. Inside homes, improperly adjusted gas appliances, furnaces, wood burning stoves, and fireplaces are a potential source of carbon monoxide. CO is also released from wood burning, volcanoes and forest fires (ATSDR, 2012).

CO usually remains in the atmosphere for approximately one to two months. It is removed by oxidation to form carbon dioxide, absorption by some plants and micro-organisms, and rain (OEH, 2012).

CO can be used in industry to synthesize many compounds such as acetic anhydride, polycarbonates, acetic acid and polyketone (ATSDR, 2012).

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of contaminated air and tobacco smoke (from both active and passive smoking). Although CO has been detected in certain foods, beverages and tap water, these do not constitute major sources of exposure for most people (ATSDR, 2012).

Natural ambient concentrations of CO range between 0.01-0.23 mg/m^3. In urban environments, average concentrations over an eight hour period are usually less than 20 mg/m^3, and one hour peak levels are usually less than 60 mg/m^3 (WHO 1994).

From 1993 to 1998, maximum eight-hour CO concentrations in Sydney ranged from 5.4 mg/m^3 (Westmead) to 13.5 mg/m^3 (Sydney). Concentrations in regional areas were reported to be less than urban areas (NSW EPA, 2012).

Non-Carcinogenic Health Effects

They key adverse health effect associated with the inhalation of CO is carboxyhaemoglobin (COHb) in blood, as it rapidly diffuses across alveolar, capillary and placental membranes. COHb is where CO binds to the oxygen-carrying site on the blood's haemoglobin, which reduces oxygen transport in the body (NEPM, 2010). This can lead to tissue hypoxia at low exposure levels. At higher concentrations the rest of the absorbed CO binds with other haem proteins such as myoglobin, and with cytochrome oxidase and cytochrome P-450. The toxic effects of CO become evident in organs and tissues with high oxygen consumption such as the brain, the heart, exercising skeletal muscle and the developing fetus.

Additionally, at high concentrations CO is very toxic, causing headaches, dizziness, reduced ability to concentrate, and nausea (OEH, 2012).

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the

inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by WHO and NEPM are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

ATSDR evaluated the non-carcinogenic oral toxicity data for CO but did not derive any oral minimum risk level (MRL) because the only relevant pathway of exposure to humans is the inhalation pathway.

Inhalation

The WHO (2000a) guidelines are based on the Coburn-Foster-Kane exponential equation, which takes in account all the known physiological variables affecting CO uptake. The CO guideline values and periods of time-weighted average exposures published by WHO (2000a), were determined in such a way that the COHb level of 2.5% is not exceeded, even when a normal subject engages in light or moderate exercise.

A summary of the published CO air guideline values are presented in the table below.

Table 1 Published Air Guideline Values for Carbon Monoxide

Agency	Air Guideline Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
WHO	100 (15 mins) 60 (30 mins) 30 (1 hr) 10 (8 hr)	WHO, 2000a	Critical level of COHb <2.5%	Human	n.a.	WHO, 1999
NEPM	11.1	NEPM, 2010	Critical level of COHb <2.5%	Human	1.5	Converted from 9ppm. NEPM, 2003

WHO – World Health Organisation; NEPM – National Environmental Protection Measure.

ATSDR evaluated the non-carcinogenic inhalation toxicity data for CO, but did not derive any inhalation minimal risk level (MRL) based on four supporting rationales.

1) Endogenous CO production is physiologically regulated and plays a role in regulating various important physiological processes, including processes that may underlie the adverse effects that have been observed in the available studies.

2) ATSDR observed that an exposure threshold for CO**,** if one exists at all, would be at or near the endogenous production rate. Therefore, any exogenous source of CO exposure would have the potential for exceeding the threshold and producing potentially adverse effects.

3) The currently available toxicological and epidemiological data do not identify exposure levels that pose minimal risk of adverse effects.

4) Any exposure level determined to be of minimal risk at sea level would not necessarily be of minimal risk at higher altitudes (i.e., at lower O_2 partial pressures).

Carcinogenicity and Genotoxicity

ATSDR (2012) have evaluated the cancer inhalation toxicity data for carbon monoxide. ATSDR discusses carcinogenicity in its Toxicological Profile, it does not currently assess cancer potency or perform cancer risk assessments.

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with inhalation exposure to carbon monoxide, AECOM has adopted the WHO (2000) guideline values.

References

ATSDR, 2012. *Toxicological Profile for Carbon Monoxide*. U.S. Department of Health and Human Services. June 2012.

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

NEPC, 2003. *National Environment Protection (Ambient Air Quality) Measure*. National Environment Protection Council. July 2003.

NEPC, 2010. *Review of the National Environment Protection (Ambient Air Quality) Measure – Discussion Paper Air Quality Standards*. National Environment Protection Council. July 2010.

NSW EPA, 2012. *NSW Air Monitoring Plan – 3.1 The Sydney Region*. March 2012. Accessed December 2012. http://www.environment.nsw.gov.au/air/nepm/301sydney.htm.

OEH, 2012. *About Air Quality Monitoring*. N.S.W Office of Environment and Heritage. August 2012.

USEPA, 2000. *Air Quality Criteria for Carbon Monoxide*. Washington, DC: U.S. Environmental Protection Agency. EPA600P66001F. June 9, 2009. Accessed December 2012.

USEPA, 2012. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed December 2012.

WHO, 1994. *Updating and Revision of the Air Quality Guidelines for Europe - Inorganic air pollutants*. Regional Office for Europe, World Health Organization, Copenhagen.

WHO, 1999. *Air Quality Guidelines for Europe*. WHO Regional Publications, European Series. World Health Organization, Regional Office for Europe, Copenhagen. 1999

WHO, 2000a. *Guidelines for Air Quality*. World Health Organisation. Geneva. 2000

WHO, 2000b. *Air Quality Guidelines for Europe – Second Edition*. WHO Regional Publications, European Series. World Health Organization, Regional Office for Europe, Copenhagen. 2000

national dioxins program

dioxins in australia: a summary of the findings of studies conducted from 2001 to 2004

Australian Government
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background

The term "dioxins" describes a group of toxic organic chemicals that remain in the environment for a long time. These compounds can accumulate in the body fat of animals and humans and tend to remain unchanged for long periods. Several hundred of these compounds exist and are members of three closely related families:

- the polychlorinated dibenzo–p–dioxins (PCDDs)
- the polychlorinated dibenzofurans (PCDFs or furans)
- certain co–planar polychlorinated biphenyls (PCBs).

The National Dioxins Program (NDP) has focused on the 29 most toxic of these compounds which are recognised internationally as being harmful to humans and animals. To assist the reader, the term "dioxins" is used in this report to refer to the three families, but there are instances where specific mention is made to furans and PCBs.

The Australian Government established the program in 2001 to improve knowledge about dioxins in Australia. The program aims to determine levels, assess the risks to Australians and our environment, and to consider appropriate management actions.

Previously, limited Australian studies showed environmental levels were low, but a lack of information made it difficult to assess dioxin impacts on the environment and human health. The current studies are designed to fill this gap.

Starting in mid 2001, information studies were undertaken by leading Australian scientific organisations, with assistance from overseas experts, under contract to the Australian Government Department of the Environment and Heritage. The studies gathered information by measuring, emissions from sources such as bushfires, as well as dioxin levels in the environment, food and population.

The findings of these studies were used to determine the risk dioxins pose to our health and the environment.

Due to the high costs for laboratory analysis of dioxins, the number of samples collected for each study was limited and so caution is required when interpreting the findings. Nevertheless, these studies, completed in 2004, provide the largest survey of dioxin levels ever undertaken in Australia and provide information where no data was previously available. This document summarises the results of these studies and the conclusions of the risk assessments.

The findings will contribute to debate on how to deal with dioxins in Australia, as well as assisting Australia meet its obligations under the Stockholm Convention on Persistent Organic Pollutants (POPs). The Convention sets out a range of obligations for countries to reduce and, where feasible, eliminate releases of persistent organic pollutants, including emissions of by–product POPs such as dioxins.

The complete reports from the information studies and the risk assessment can be accessed on a CD–ROM attached to the inside back cover of this publication or from the Department of the Environment and Heritage website at http://www.ea.gov.au/industry/chemicals/dioxins/index.html. Hard copies of the reports are also available on request.

Note: the measured dioxin levels in this summary and the full reports use very small units such as nanograms, picograms and femtograms. Definitions of these and other technical terms are provided in the glossary on Page 16.

Note: The estimation of dioxin emissions (page 2 and 3) relies on data that is sometimes derived from laboratory studies and not actual measurements from facilities. This can create uncertainty in the figures which is reflected in the wide range of estimates. The 'best estimate' is the average between the highest and lowest emission factors. For more details, refer to Technical Report No 3 - Inventory of Dioxin emissions in Australia 2004.

sources of dioxin emissions

Dioxin emissions from bushfires

Dioxins are mainly unintended by–products of combustion processes. It has been estimated that 96 per cent of dioxins in the environment are from emissions to air. In 1998, an inventory of sources of dioxin emissions to air in Australia estimated that between 150–2,100 grams TEQ/year of dioxins are emitted each year. Wildfires, agricultural and prescribed fires were thought to be the major sources of these emissions.

Because no Australian data existed, the 1998 dioxins inventory used overseas studies and gave an estimate of between 72–1700 g TEQ/year from bushfires – a very wide range, reflecting the great uncertainty involved in the estimations. The bushfire study aimed to reduce this uncertainty by measuring the emissions of dioxins from fires in laboratories and from fires in several States and the Northern Territory. Emissions were analysed from smoke and samples of ash collected from 19 laboratory and 21 field burns.

The laboratory tests burned wheat straw, sorghum, sugarcane and forest litter. The study found that laboratory burns do not adequately simulate the combustion processes occurring in the field. Dioxin emissions from the laboratory tests were up to ten times higher than those from field fires but were comparable to other laboratory tests.

It is thought that the key difference between field and laboratory emissions may be the time the smoke plume remains at high temperatures. In field burns, air in the smoke plume rapidly cools to temperatures not supportive of dioxin formation. In wood combustion heaters, where the gases are confined, they remain at temperatures suitable for dioxin formation. A similar situation probably occurs during laboratory burns.

The field burns comprised 13 prescribed fuel reduction fires in south–east Queensland, central Victoria and south–west Western Australia, two sugarcane burns in Queensland, four fires in tropical savanna woodlands in the Northern Territory and two wildfires in north–east Victoria.

The dioxin levels, particularly from south–east Queensland, were consistent with other studies of prescribed fires. Total emissions of dioxins from field fires ranged from 0.1–2.9 pg TEQ/g of fuel.

Based on these levels and the total area of land burnt in each year in Australia, the total emissions of dioxins to air from bushfires are estimated to be 31–494 g TEQ/year, significantly lower than the 1998 estimate. Savanna fires in northern Australia accounted for most of these emissions.

A pump is used to collect smoke samples during a prescribed burn. Photo by C Meyer.

Dioxin emissions from motor vehicles

Although motor vehicles are a source of dioxins, the level of their emissions remains uncertain. There are several reasons for this. Firstly, there is little data available on dioxins emissions from road traffic and tests on vehicles. Secondly, dioxin emissions can vary greatly due to factors including vehicle technology and age, fuel composition and ambient temperatures. Finally, in many cases, published information on dioxins emissions is contradictory. Determining dioxin emissions from motor vehicles must take account of these uncertainties.

For this study, motor vehicle emissions were determined using existing estimates and calculating the total emissions based on the total distance travelled by all Australian vehicles in 1998. This gave a range of 0.7–16.5 g TEQ/year or about 2 per cent of total emissions to air.

Leaded petrol vehicles accounted for 40–45 per cent of this amount, due to the presence of chlorinated and brominated fuel additives in leaded petrol. The presence of these chemicals is believed to account for the higher levels of dioxins in leaded petrol vehicles. However, the banning of leaded

sources of dioxin emissions

petrol from January 2002 is expected to have already substantially reduced dioxins emissions.

Diesel vehicles account for 35–50 per cent of total dioxin emissions from motor vehicles, with most from diesel trucks. Despite unleaded petrol vehicles accounting for 65 per cent of total kilometres travelled, they account for only 5–20 per cent of total dioxins emissions from motor vehicles.

Emissions from all dioxin sources

Using the findings of the NDP studies on emissions from bushfires and motor vehicles, as well as publicly available data on emissions from industries, a new inventory was prepared for 2002. This inventory included dioxin emissions to air, water and land, based on guidelines developed by the United Nations Environment Program. These guidelines identified nine major emission source categories. A summary, in decreasing order, for emissions to all media is shown in the table below.

The new inventory estimates that total emissions to air in Australia are between 160–1,788 g TEQ/year with a best estimate being 500 g. Uncontrolled combustion, which includes bushfires, waste burning and accidental fires, is estimated to contribute nearly 65 per cent of total emissions to air and over 80 per cent of total emissions to land, with most being emitted from grass fires.

Disposal and landfilling is estimated to be the largest source of dioxin emissions to water, contributing over 75 per cent of total emissions.

Prescribed burning and wildfires are likely to contribute at least 20–30 per cent of total dioxin emissions to the environment.

Dioxins from motor vehicles account for less than 2 per cent of total dioxins emissions to air.

View the full reports of the emissions studies on the CD–ROM at:

1. Dioxins emissions from Bushfires in Australia
2. Dioxins emissions from Motor Vehicles in Australia
3. Inventory of Dioxin emissions in Australia 2004

Emission estimates by subcategory - top 25 emitters

SOURCE CATEGORY	ANNUAL ESTIMATED RELEASE (G TEQ/ANNUM)			
	Air	Water	Land	Total*
Biomass burning	240	0	1,020	1,270
Pulp and paper production	0.4	0.2	103	104
Waste burning and accidental fires	88	0	8.7	97
Zinc production	50	0	0	50
Fossil fuel power plants	14.3	0	27.7	42
Aluminium production	4.45	0	31.80	36.26
Sewage and sewage treatment	0	0.9	33	34
Metal ore sintering	32	0	0	32
Medical waste incineration	6.39	0.36	21.9	28.7
Household heating and cooking with biomass	20.2	0	1.6	21.8
Iron and steel production plants	20.3	0	0.03	20.3
Copper production	1	0	13	14
Composting	0	0	7.3	7.3
Diesel engines	5.4	0	0	5.4
Other non-ferrous metal production	4	0	0	4
Heavy oil fired engines	3	0	0	3
Domestic heating and cooking with fossil fuels	0.4	0	2.5	2.9
Open water dumping	0	1.5	0	1.5
Ceramics production	1	0	0	1
Lead production	0.5	0	0	0.5
Cement production	0.48	0	0	0.48
Crematoria	0.3	0	0.15	0.46
4-Stroke Engines	0.3	0	0	0.3
Landfills and waste dumps	0	0.2	0	0.2
2-Stroke engines	0.2	0	0	0.2
Other	0.06	0.05	0.7	0.9
Total	500	3.2	1,271	1,778

*Total may not exactly equal the sum of emissions to air, water and land due to rounding

dioxins in our environment

Four studies were undertaken to measure the levels of dioxins in the environment (air, soils, aquatic environments and fauna). They were not designed to identify dioxin 'hotspots' such as contaminated industrial sites, but rather to get a picture of the background levels of dioxins in the Australian environment.

For the purposes of these studies, Australia was divided into three geographic regions:

- northern – Northern Territory and Queensland
- south–eastern – New South Wales, Victoria, South Australia and Tasmania
- south–western – south west Western Australia

Samples were collected from locations in each region, representing four different land–uses (agricultural, urban, industrial, and remote areas).

Air

Air samples were collected continuously over monthly intervals from September 2002 to August 2003 to establish seasonal variations in dioxin levels, related, for example, to emissions from sources such as domestic wood heaters and bushfires.

The ten sites representing the four land–uses were:

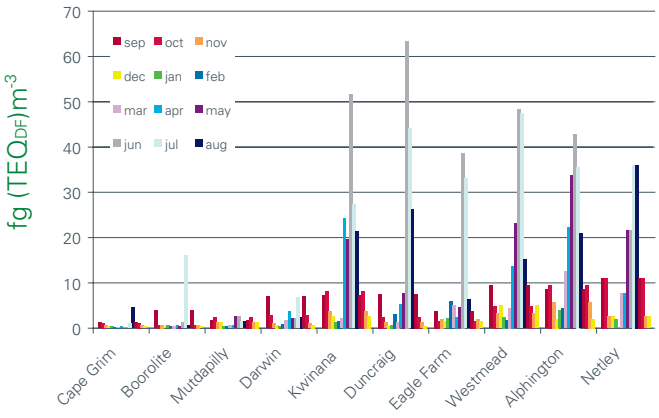
- Darwin, NT (urban)
- Eagle Farm, south–east Qld (industrial)
- Mutdapilly, south–east. Qld (agricultural)
- Westmead, Sydney, NSW (urban)
- Boorolite, lower north–east Vic agricultural)
- Alphington, Melbourne, Vic (urban)
- Cape Grim, Tas (remote – an Australian Baseline Atmospheric Pollution Station)
- Netley, Adelaide SA (industrial)
- Kwinana, Perth, WA (industrial)
- Duncraig, Perth, WA (urban)

The findings indicate an obvious seasonal cycle, with levels higher during winter in all cities, most likely due to smoke from domestic wood heaters.

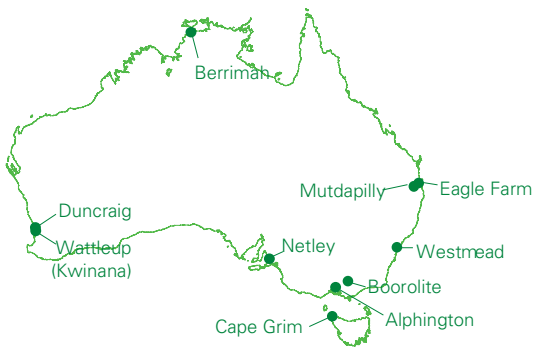
Despite the winter increase, overall mean annual levels in the major cities are still very low by world standards, with levels around 14–17 fg TEQ/m^3 compared with northern hemisphere cities with ranges of 20 to several hundred fg TEQ/m^3.

Seasonal cycles were also observed in rural Queensland and Victoria, although the cycles were weaker than in the cities.

Dioxins and furans increase over the winter months in the cities



Location of air sampling sites



dioxins in our environment

A dry to wet season difference was observed in Darwin with levels in the dry season around six times higher than the wet season. Nevertheless, mean annual levels in Darwin are still very low (less than 4 fg TEQ/m^3).

Extremely low levels were observed in clean marine air at Cape Grim and in agricultural locations (typically less than 1.5 fg TEQ/m^3).

The relative contributions of dioxins, furans and PCBs vary across locations. The Netley site in SA has higher levels of dioxin–like PCBs compared with other sites, but these are still very low compared with other countries. Further testing is currently being undertaken to determine the source of these PCBs.

Soils

Soils samples were collected from 86 locations across three regions and from remote sites in central and north–west Australia. Agricultural land–uses were classified according to the main agricultural practice (grazing, cotton, vegetables, sugarcane, forestry, cereals). Ten archived soils originally collected from a location near Adelaide since the 1920s were assessed for possible changes in dioxin levels.

Dioxins were found in most soils, with levels ranging from 0.05–23 pg TEQ/g dry weight. Levels across all land–use types in the northern and south–eastern regions were similar, but the levels in the south–western region were lower. Western Australia and inland areas recorded low levels.

Dioxins in soils from urban and industrial locations were substantially higher than levels in agricultural and remote locations, with the highest levels found in soils near south–east coast population centres.

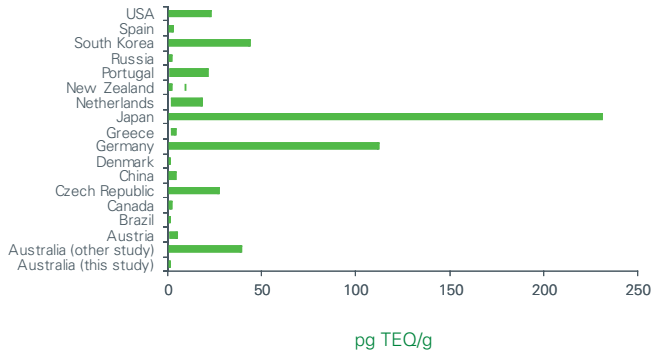
Across agricultural land–uses, dioxins levels were similar, with the exception of sugarcane districts. The higher levels are not likely to be related to sugarcane cultivation since they are the same as found in non–sugarcane growing areas throughout coastal Queensland. These dioxins may be formed through natural processes.

Archived samples contained detectable levels of dioxins, with levels in the 1925 sample greater than in the samples from the 1930s and 1940s. This may have been due to storage contamination so it is difficult to determine the causes for such variation.

Across all land–uses, dioxin levels in soils are on average much lower than those reported in many industrial countries.

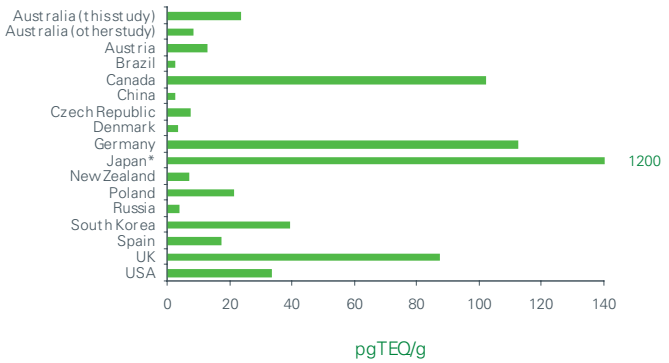
Dioxin levels in agricultural and remote soils in Australia compared with other countries

Note: the separate level for New Zealand represents a single sample



Dioxin levels in industrial and urban soils in Australia compared with other countries

* figure for Japan is 1200 pg TEQ/g



dioxins in our environment

Aquatic environment

As dioxins are insoluble in water, the most effective way of determining levels in aquatic environments is to analyse sediments and aquatic animals. Sediment samples were collected from 58 locations in freshwater, estuarine and marine locations. Samples of bivalves, such as oysters and mussels, were also collected. Fish from local commercial fisheries were included, with an emphasis on table species.

Dioxins were found in all sediments, with levels ranging from 0.002–520 pg TEQ/g dry weight. Urban/industrial areas had significantly greater levels of dioxins than samples from remote and agricultural locations.

Highest levels were found in the lower Parramatta River (100 and 520 pg TEQ/g) and the western section of Port Jackson (78 and 130 pg TEQ/g) in Sydney. These elevated levels may be due to historical contamination from former industrial sites near Homebush Bay. These sites are under going clean–up which will continue for the next five years.

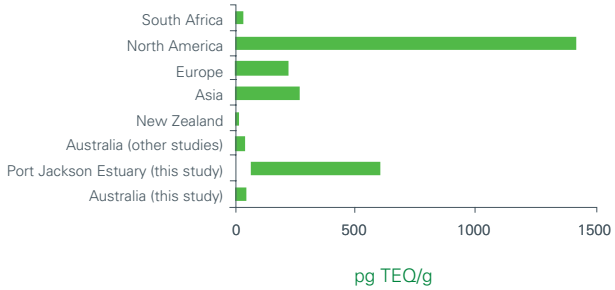
Elevated levels were found in other estuarine waters of Sydney (Botany Bay) as well as the estuaries in or near Brisbane, Melbourne, Hobart, Perth and Wollongong. Average levels across marine, freshwater and estuarine locations did not differ significantly.

The levels of dioxins in 18 bivalve samples ranged from 0.0043–0.2 pg TEQ/g wet weight, with highest levels from Port Jackson and the Yarra River, Victoria.

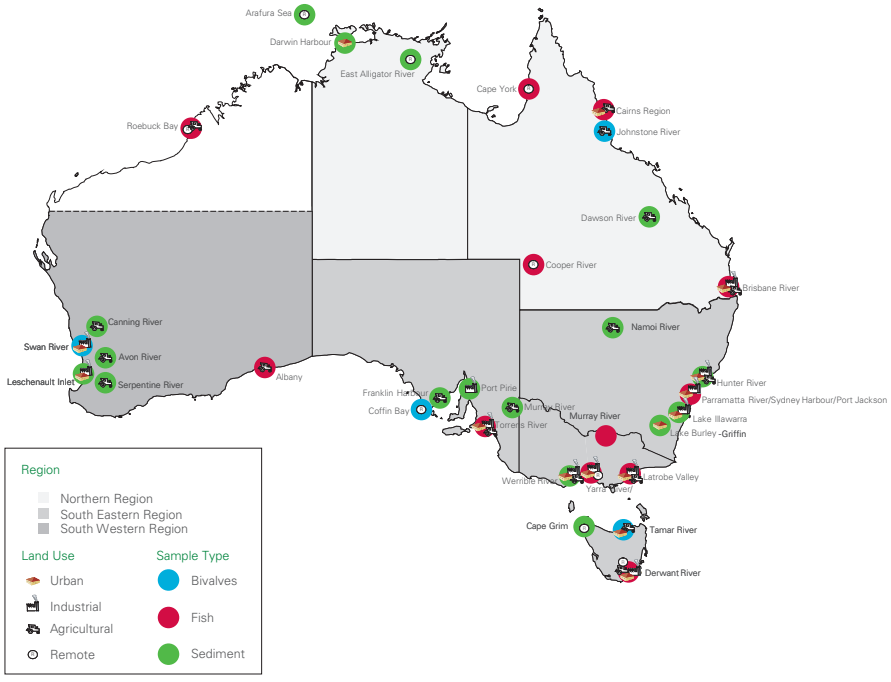
Dioxins in 23 fish samples ranged from 0.0053–0.49 pg TEQ/g wet weight. The level of dioxins was highest in fish sampled from the Sydney/Port Jackson area.

The results show dioxins levels in the aquatic environment are generally lower than for other industrialised countries but there are some sites where levels are elevated. Bivalve levels followed a similar pattern to the sediment levels. However, the fish had consistently low levels of dioxins.

Dioxin levels in sediments in Australia compared with other countries



Sampling locations for the aquatic study



dioxins in our environment

Fauna

Dioxins emitted to air can deposit on plant, soil and water surfaces. Dioxins can then enter the food chain when animals eat contaminated leaves, soils or sediments. The dioxins are then absorbed into animal fat. Dioxins increase in concentration as they move up the food chain, so that carnivores are more likely to have higher levels than herbivores.

Around 66 fauna samples were collected, mainly from dead animals, such as those near roads or stranded on beaches.

The study found the highest levels in birds of prey, with a maximum level of 3,900 pg TEQ/g lipid. Marine mammals also had comparatively high levels, with PCBs more prevalent than dioxins or furans. However, compared with other countries, the levels in marine mammals are low.

Levels were generally much lower in herbivorous animals such as kangaroos, galahs and dugongs. Levels in kangaroos ranged from 0.001–25 pg TEQ/g lipid. The levels in other marsupials (possums, koalas and bandicoots) were low and comparable to the kangaroos. Levels in platypus and echidnas ranged from 9.3–60 pg TEQ/g lipid.

Compared with fauna from other countries the levels are generally lower. The levels in birds of prey were lower than comparable species from other countries. The levels in one kangaroo sample was higher than for caribou in Canada (0.7–6.4 pg TEQ/g lipid) but less than sika deer from Japan (3.2–330 pg TEQ/g lipid). The levels in kangaroo on a fresh weight basis are even lower due to the lean nature of kangaroo meat.

For an assessment of the risk that dioxins pose to fauna, see the section What is the risk to our environment?

View the full reports of the environment studies on the CD–ROM at:
4. Dioxins in Ambient Air in Australia
5. Dioxins in Soils in Australia
6. Dioxins in Aquatic Environments in Australia
7. Dioxins in Fauna in Australia

Dioxin levels:
– in the environment are generally very low compared with other countries
– increase in air during winter in cities and are most likely due to emissions from domestic wood heaters
– in soils and sediments are highest in urban and industrial areas
– are higher in birds of prey than in other animals.

dioxins in our food

Dietary exposure

Food Standards Australia New Zealand has examined the dioxin levels in a range of foods to determine the level of dioxin exposure of Australians through food and to assess the human health risk.

Dioxin exposure through food is determined by examining dioxin levels in various foods and combining this with information on the daily diet of the population. Foods likely to contain dioxins are those that contain animal fats, such as dairy products, meat and meat products, fish and eggs.

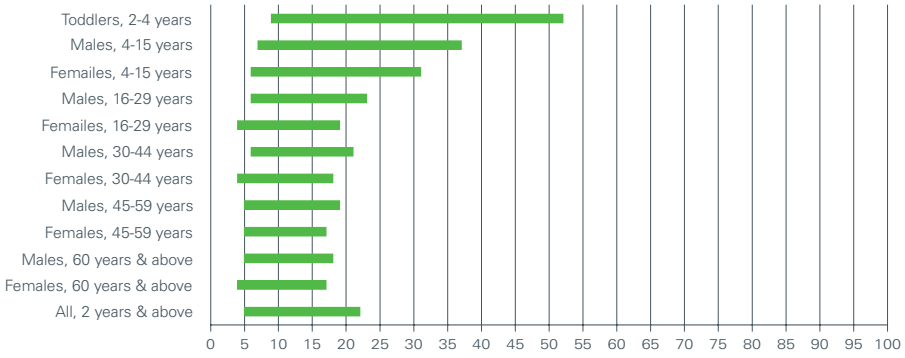
Dioxin levels in food were determined by analysis of 168 samples of 22 randomly sampled foods from Australian retail outlets which were prepared ready to eat. The mean range of dioxin concentrations found in the foods analysed are shown in the table on this page. The survey found that Australian foods have low levels of dioxins – similar to those reported in New Zealand and lower than other countries. These results were then combined with dietary information from the 1995 National Nutrition Survey to assess the population's dietary exposure.

As shown in the figure below, for all age groups from two years and over, the estimated monthly dietary levels of exposure to dioxins, for the average consumer, were well below the Australian Tolerable Monthly Intake (TMI) of 70 pg TEQ/kg body weight/month. Estimated monthly dietary exposures for high consumers were also below the TMI for all age groups.

Because of their high dietary intake relative to body weight, highest mean intakes for all age groups occur in infants and toddlers. In general terms, the estimated monthly level of exposure to dioxins for Australians (3.7–15.6 pg TEQ/kg body weight/month, lower to upper range) is similar to that of New Zealand (11.1 pg TEQ/kg body weight/month, middle value for adult males) and lower than that of other industrialised nations. For example, in the United Kingdom, the estimated exposure to dioxins for the population was 15–2pg TEQ/kg bw/month.

The major foods contributing to dioxin exposure for the Australian population over a lifetime were fish (including crustaceans and molluscs), milk and dairy products. For toddlers and children, the major foods contributing to dioxins exposure were milk and dairy products.

Mean range of exposures to dioxins for each population group in Australia, as a percentage of the Tolerable Monthly Intake.



Mean range of dioxin concentrations in food, in pg TEQ/g fresh weight

Food	Concentration range
Bacon	0.025–0.083
Baked beans	0.0012–0.016
Bread, white	0.00067–0.026
Butter	0.028–0.27
Chicken breast	0.0044–0.021
Eggs	0.0088–0.057
Fish fillets	0.59–0.64
Fish portions	0.019–0.039
Hamburger	0.00050–0.027
Infant formula	0.0036–0.018
Lamb chops	0.0044–0.045
Leg ham	0.0016–0.017
Liver pate	0.0025–0.043
Margarine	0.0025–0.058
Milk chocolate	0.0077–0.056
Milk, whole	0.0023–0.012
Minced beef	0.0054–0.048
Orange juice	0.00018–0.007
Peanut butter	0.035–0.25
Potatoes	0.00029–0.014
Sausage	0.0096–0.058
Tuna, canned	0.029–0.041

dioxins in our food

As there are limitations associated with the data used to characterise the risk associated with exposure to dioxins from food, in general, conservative assumptions were used to minimise the possibility that risks would be underestimated. On the basis of this analysis the public health and safety risk for all Australians from exposure to dioxins from foods is very low.

Agricultural commodities

The National Residue Survey, managed by the Australian Government Department of Agriculture, Fisheries and Forestry, collected around 220 samples of meat, fish and milk during November and December 2002.

The study found dioxin levels in these commodities are low and compare favourably with overseas products.

In the absence of an Australian commodity standard for dioxins and furans, the levels were compared against the European Union (EU) standard, as shown in the table below. None of the samples contained dioxin and furans exceeding this standard. The EU standard only refers to dioxins and furans and does not currently include dioxin–like PCBs. It is expected a new EU standard will be developed in the next few years which will include dioxin–like PCBs.

View the full reports of the food studies on the CD–ROM at:

8. Dioxins in Agricultural Commodities in Australia FSANZ dietary study, Technical report No. 27.

Dioxin levels in food are low and pose a very low health risk for all Australians.

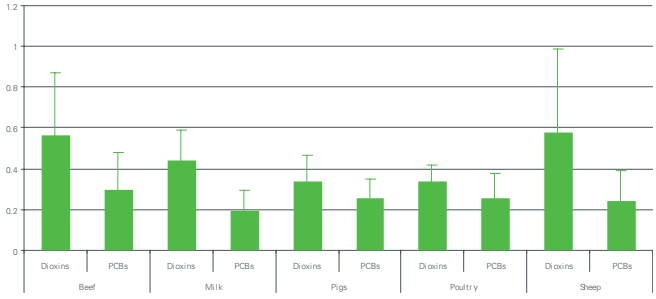
Dioxin levels in agricultural commodities compared with EU standards

Species	Number of Samples	EU Standard Maximum pg TEQ/g*	Mean result from this study** pg TEQ/g	Australian results compared with EU standard %
Beef	109	3	0.56	18.6
Sheep	45	3	0.57	19.1
Pig	20	1	0.33	33.1
Poultry	15	2	0.33	16.5
Fish (salmonids)	10	4	0.23	5.7
Milk	19	3	0.43	14.5

* on a fat basis except for fish where it is expressed on a fresh weight basis
** mean results for all upper bounds concentrations.

Mean dioxin and furan levels (pg TEQ/g fat) in all agricultural commodities except aquaculture fish

(T–lines indicate the highest level)



Species

dioxins in our bodies

Dioxins emitted to air can deposit on plant, soil and water surfaces. Dioxins can then enter the food chain when animals eat contaminated leaves, soils and sediments. In aquatic environments, filter–feeding animals can absorb dioxins when they filter sediments in the water. The dioxins are then absorbed into animal fat. Dioxins increase in concentration as they move up the food chain.

The consumption of animal products with high fat content, such as meat and dairy products, can increase human exposure to dioxins. Dioxins accumulate in body fat and the average concentration increases with age.

To determine dioxin levels in Australians, two studies were undertaken – one assessed levels in blood serum of the whole population and the other assessed levels in the milk of first–time mothers.

Blood serum

Blood serum samples were collected through a national pathology laboratory from over 9,000 individuals. They were pooled into 96 samples based on gender, age (under 16, 16–30, 31–45, 46–60 and over 60 years), and the following five regions:

- north–east (Brisbane, Tweed and Gold Coast and major population centres in Qld)
- south–east (Sydney, Canberra, Wollongong, Newcastle and other major population centres from NSW)
- south (Melbourne, Adelaide, Hobart and other major population centres from Victoria)
- west (Perth and other major population centres in WA)
- one rural region (all States and the NT).

The levels in the Australian population are very low by international standards, with a mean of 10.9 pg TEQ/g of lipid. They are comparable with, although lower than, those in the New Zealand population.

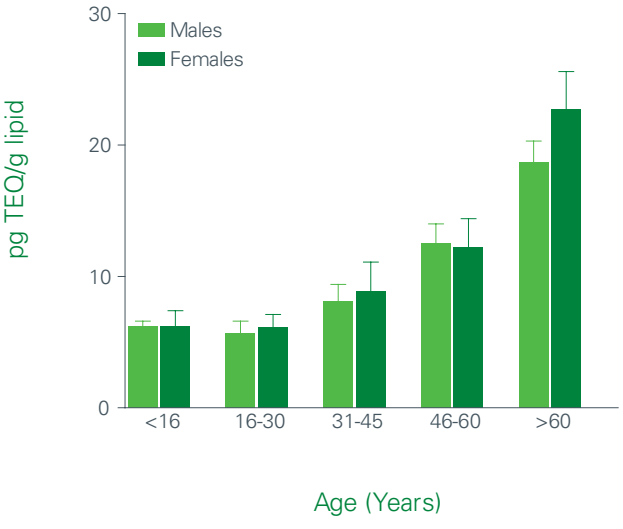
Dioxins levels between males and females showed no differences, except that slightly higher levels of dioxins were observed in females in the over 60 years age group. This result could not be explained on the basis of differences in the mean age between males and females in this group.

The study found dioxin levels increased with age. Reasons for this include on–going accumulation over a lifetime, the possibility that older people were exposed to much higher levels in the 1940s–1960s, and potential differences in metabolism and body fat.

Dioxin levels across the five regions were similar in each age range. Samples from the south–east region have slightly higher dioxin levels and females under 16 years have the highest levels of dioxins in rural regions.

As samples did not identify the donor, an assessment of any regional differences was complicated. The samples did not allow assessment of how long an individual lived in an area, their food intake or exposure to environmental contaminants.

Levels of dioxins in different age groups



dioxins in our bodies

Breast milk

Since breast milk is a rich source of fat, analysis of the levels of dioxins is valuable for estimating the total amount of dioxins in humans.

In order to compare the results with previous World Health Organization studies, mothers were selected using the following criteria:

- first–time mother with a baby aged two to eight weeks
- exclusively breast feeding
- willing to provide a minimum of 100 ml of milk over a six week period (two–eight weeks after birth)
- healthy pregnancy, mother and child
- a resident of the area for the past five years.

In total, 173 individual samples were collected from 12 metropolitan and rural regions (Brisbane, Sydney, Melbourne, Adelaide, Perth, Hobart, rural inland NSW, rural Queensland, rural Victoria, Newcastle, Wollongong and Darwin). These were pooled into 17 samples for dioxin analysis.

Dioxins were detected in all groups, with a mean of 9 pg TEQ/g of lipid. There were no significant differences observed in the levels collected from the different regions.

These samples were compared with samples collected from Melbourne women in 1993 and showed that levels had almost halved from 1993 to 2003.

Breast milk may contain low levels of dioxins because of its fat content, but all babies are exposed to dioxins even if they are not breastfed. Alternative foods for babies, such as infant formula, may also contain dioxins because of their fat content. Breast feeding is still the normal and most appropriate method for feeding infants, as supported by the World Health Organization.

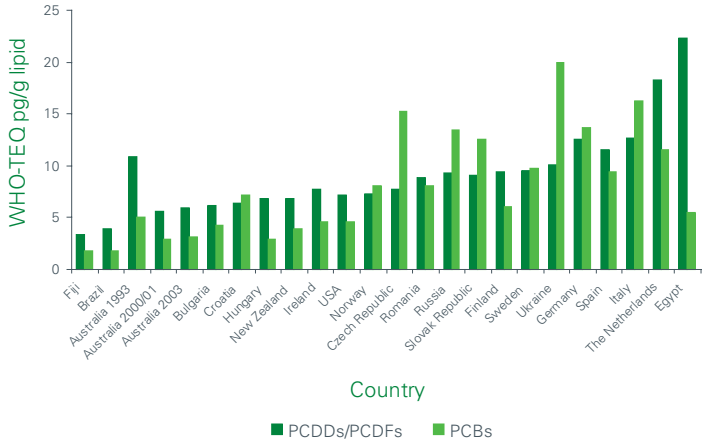
View the full reports of the studies of dioxins in our bodies on the CD–ROM at:

9. Dioxins in the Australian Population: Levels in Blood
10. Dioxins in the Australian Population: Levels in Human Milk

Dioxin levels in our bodies
– are low by international standards and have declined, reflecting similar world–wide trend over recent decades
– increase with age.

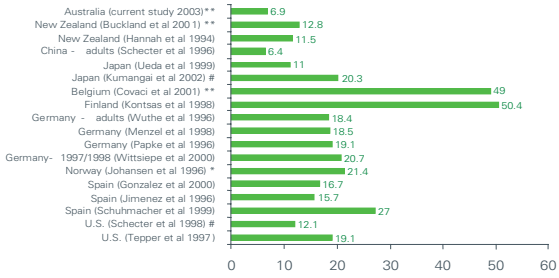
Levels of dioxins in the breast milk of Australian women compared with other countries

All data is from a World Health Organization study in 2001 except for the "Australia 2003" figure, which represents the National Dioxins Program study.



Levels of dioxins and furans in Australians compared with other countries

Note this figure does not include PCBs



what is the risk to our environment?

Risk assessment is the process of estimating the potential impact of chemicals or other factors on people or on the environment, under a set of conditions and for a certain timeframe. Risk assessment identifies and characterises potential hazards, and determines the likelihood of their occurrence at the known levels of exposure.

Ecological risk assessment determines if chemicals will have adverse impacts on organisms in the environment. Unlike human health risk assessment, which seeks to characterise risks to individuals, ecological risk assessments aim to characterise risks to ecosystems, populations and species.

Dioxins can adversely affect many vertebrate species. At low levels they can disrupt the development of the endocrine, reproductive, immune and nervous systems of the offspring of fish, birds and mammals.

This ecological risk assessment has three main parts: the hazard assessment, the exposure assessment, and the risk characterisation. This hazard assessment used published studies examining the toxic effects of dioxins on a limited number of species. The data from these studies were adopted to assess the potential risk to native wildlife, for which no toxicity data is available. The exposure assessment was based on the data from the soil, aquatic environment and fauna studies. The risk characterisation was performed by combining information from the hazard and exposure assessments, to estimate the likelihood of harm.

The risk assessment found that:

- Dioxins, furans and PCBs contributed equally to the load in birds and terrestrial mammals, while for marine mammals, PCBs contributed over 90 per cent of the load in dolphins and seals, and over 80 per cent in whales
- There is a potential risk to birds of prey from exposure to dioxins
- Terrestrial mammals are at a low risk when exposed to background levels of dioxins. However, the absence of data on the toxicity of dioxins to native marsupials and monotremes adds significant uncertainties to this assessment. The effect of different reproduction strategies between placental mammals and marsupials for dioxin exposure at sensitive life stages is not known
- Fish are at a low risk when exposed to the dioxin levels found in the Australian aquatic environment. This assessment is based on levels found in fish caught for the aquatic environment study
- Marine mammals living in the open oceans of Australia have no risk
- Based on the small number of samples collected in the fauna study, a potential risk is indicated for dolphins living in the vicinity of urban/industrial estuaries, which had higher levels of dioxins in their bodies than mammals living in the open ocean.

what is the risk to our environment?

Limitations of the assessment

All risk assessments have uncertainties due to knowledge and data gaps, which require the adoption of assumptions to cover these gaps. This assessment was no exception. The conclusions are based on the small number of fauna samples, comprising a limited number of species whose sensitivity to the toxic effects of dioxins is unknown.

A conservative approach has been adopted in this risk assessment to prevent underestimation of the risk. Inherent uncertainties should be taken into account when interpreting the results of the risk assessment.

More reliable risk estimations would require information on the toxicity of dioxins to Australian wildlife. Animal ethics committees and current State legislation generally do not allow toxicity testing on native species. More targeted sampling of birds of prey and other species, in association with field observations of potentially exposed populations, would help to clarify whether dioxins are having a real impact on bird populations.

View the full report of the ecological assessment on the CD–ROM at:
11. Ecological Risk Assessment of Dioxins in Australia

Dioxins are higher in carnivorous animals such as birds of prey and lower in herbivores such as kangaroos. There is a potential risk to marine mammals living near urban areas and to birds of prey.

what is the risk to our health?

Dioxins in the general population

The human health risk assessment used data from the information studies and the findings of overseas studies.

For the general population, over 95 per cent of exposure to dioxins is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources. Based on the dietary study of dioxins, the intake of dioxins for the Australian population is lower than in most other countries.

An Australian Tolerable Monthly Intake value for dioxins of 70 pg TEQ/kg body weight/month, was recommended by the National Health and Medical Research Council and the Therapeutic Goods Administration in 2002. This human health standard was based on the most sensitive reproductive effects of dioxins in animals. The risk assessment found that for Australians aged 2 years or older, the monthly intake of dioxins was between 3.9–15.8 pg TEQ/kg bw/month or between 6–23 per cent of the Tolerable Monthly Intake.

Intakes are lower in females than males for the same age, and decline with age in both sexes, the most rapid decline occurring after puberty. Infants and toddlers had a higher intake.

Using the findings of the blood serum study, body burdens and average lifetime daily exposures (ALDE) were calculated. The mean ALDE was estimated as 1.32 TEQ pg/kg bw/day (minimum of 0.13 pg/kg bw/day for ages under 16 years; maximum of 2.96 pg/kg bw/day for 60 years and older). The ALDE estimate is higher than the estimated dietary intake because it includes historical exposures, which are likely to have been higher than current exposures, as well as intake of dioxins from non–food sources.

These intake figures are not a significant cause of concern and are lower than those in other developed countries.

Exposure to dioxins from other sources

Dioxins enter the environment mainly from combustion processes.

Intake of dioxins through the skin, ingestion from soil and from breathing are minor contributors to exposure of the general population. Cigarette smokers are likely to have higher intakes of dioxins than non–smokers.

Australia has low dioxin levels compared to other industrialised countries. It is possible that the largest emitters to the environment are not the major contributors of dioxins contamination of food. Nevertheless, protection of land and aquatic environments used for food production is important to reduce the intake of dioxins.

This assessment, whilst not an occupational health and safety risk assessment, also briefly considered 'special' populations who may have been exposed to dioxins above background levels e.g. workers who used pentachlorophenol (PCP) for treating timber and dioxin–contaminated 2,4,5–T herbicide. In view of the relatively small number of occupationally exposed cases known or studied in Australia, as well as the lack of data on blood levels of dioxins in these workers, it has not been possible to draw clear conclusions about the health effects of such exposures. PCP and 2,4,5–T were withdrawn from use in Australia a number of years ago.

what is the risk to our health?

Dioxins in breast milk

Unborn children are exposed to dioxins in the womb, and nursing infants are exposed to dioxins in breast milk. Because of their high dietary intake relative to bodyweight, the highest mean intake of dioxins for all age groups occurs in infants and toddlers. These findings do not change the health advice that breast milk provides the ideal nutritional start to life. The intake in question is low and gets lower as the body develops to adult size.

Dioxins and cancer

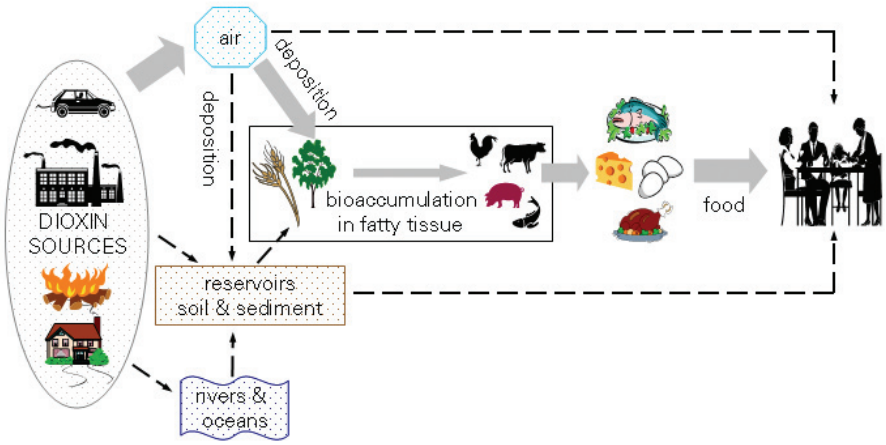
A number of agencies in other countries have tried to provide quantitative estimates of cancer risk, based on low–dose extrapolation from both animal and human data. The difficulties with estimating cancer risk include ongoing debate about the existence of a threshold level below which dioxins will not increase cancer risk and questions about the potency of the dioxins in causing cancer. Consequently, given the variability in quantitative risk estimates, this assessment has not attempted to make a quantitative risk conclusion.

The estimated intakes are below the Tolerable Monthly Intake, providing an adequate margin of safety for any possible increased risk of cancer. Furthermore, it is noted that the levels of dioxins in Australians are well below the levels associated with increased cancer risk in humans that has been seen in highly exposed industrial workers and communities exposed to industrial accidents in other countries.

View the full report of the health assessment on the CD–ROM at:
12. Human Health Risk Assessment of Dioxins in Australia

The monthly intake of dioxins from food for Australians older than 2 years was between 3.9–15.8 pg TEQ/kg bw/month or between 6–23 per cent of the Tolerable Monthly Intake. The risk to the health of Australians is very low.

Pathway for dioxins entering our bodies



glossary

Lipids	Lipids include fats and oils.
Limit of detection	Limit of detection, the lowest level at which a chemical can be measured in a sample by the analytical method used.
TEQ	Toxic Equivalents – allows the toxicity of a complex mixture to be estimated and expressed as a single number. A set of weighting factors has been determined for each type of dioxin, which expresses the toxicity of each type in terms of its equivalent mass of TCDD 2,3,7,8–Tetrachlorodibenzo–p–dioxin). Multiplication of the mass of the congener by its weighting factor (or toxic equivalency factor, TEF) yields the corresponding TCDD mass (or TEQ). The total toxicity of any mixture is the sum of the TEQs for each type of dioxin.
Upper bound	The maximum possible TEQ.
Units of measurement	
ng	nanogram $=10^{-9}$ gram (0.000 000 001g)
pg	picogram $=10^{-12}$ gram (0.000 000 000 001g)
fg	femtogram $=10^{-15}$ gram (0.000 000 000 000 001g)
Tolerable monthly intake	The amount of a substance which can be consumed over a month with no appreciable risk to health.

Copies of the reports contained in this CD–ROM can be accessed electronically from:

http://www.deh.gov.au/industry/chemicals/dioxins/index.html

National Dioxins Program

Technical Report No. 12
Human Health Risk Assessment of
Dioxins in Australia

Revised July 2005

A consultancy funded by the Australian Government
Department of the Environment and Heritage

Prepared by the Office of Chemical Safety

Australian Government
Department of the Environment and Heritage

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2. Dioxins emissions from Motor Vehicles in Australia
3. Inventory of Dioxin emissions in Australia, 2004
4. Dioxins in Ambient Air in Australia
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Foreword

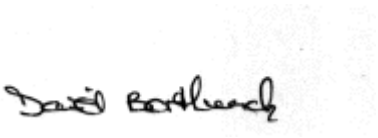
When the Australian Government established the four year National Dioxins Program in 2001, our knowledge about the incidence of dioxins in Australia was very limited.

The aim of the program was to improve this knowledge base so that governments were in a better position to consider appropriate management actions. Starting in mid 2001, a range of studies were undertaken which involved measuring emissions from sources such as bushfires, as well as dioxin levels in the environment, food and population. The findings of these studies were used to shed light on the risk dioxins pose to our health and the environment.

This work has been completed and the findings are now presented in a series of twelve technical reports.

Having good information is essential if there is to be timely and effective action by governments; these studies are a start. Our next step is to foster informed debate on how we should tackle dioxins in Australia, as this is an obligation under the Stockholm Convention on Persistent Organic Pollutants. The Department of the Environment and Heritage will be working closely with other Australian Government, State and Territory agencies to take this step.

Ultimately, the effective management of dioxins will be the shared responsibility of all government jurisdictions with the support of the community and industry.



David Borthwick
Secretary
Department of the Environment and Heritage

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- the project teams from the CSIRO, the National Research Centre for Environmental Toxicology and Pacific Air & Environment who undertook the studies assessing the levels of dioxins in the environment, the population and from emission sources, the overseas experts who provided advice to these organisations, and the many individuals across Australia who collected the samples in the field
- the Department of Agriculture, Fisheries and Forestry, who assessed the levels of dioxins in agricultural commodities
- Food Standards Australia New Zealand and the Department of Health and Ageing and who assessed the levels of dioxins in foods and assessed the health effects of dioxins
- officers of the Chemical Assessment Section in DEH who assessed the ecological effects of dioxins
- members of the National Dioxins Project Team which included representatives from the State and Territory environment protection agencies, the Australian Health Ministers Conference and the Primary Industries Ministers Council
- members of the National Dioxins Consultative Group which included representatives from industry and agricultural sectors, environment and public health groups and research institutions.

Project Team

This health risk assessment was conducted by the Office of Chemical Safety (OCS) within the TGA Group of Regulators, part of the Australian Department of Health and Ageing (DoHA). Preparation of the report was coordinated by Dr Les Davies. Chapter authors were Drs Les Davies, Graham Harvey, Kaylene Raynes, Michael Dornbusch and Deborah Willcocks. Ms Joanne Cuthbert was responsible for collation and indexing of the manuscript.

In-house review and editorial comments were provided by Dr Utz Mueller and Mr Mark Jenner of the OCS and Mr Jack Dempsey of the Population Health Division of DoHA. Comments and suggestions have been received from several State and Territory Government agencies, industry and community groups. External peer reviewers were Professor Helen Hakansson, Environmental Health Risk Assessment Unit, Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden, and Steve Hrudey, Professor of Environmental Health Sciences, Department of Public Health Sciences, University of Alberta, Edmonton, Canada.

Preface

Dioxins are a group of fat-soluble chemicals which are highly persistent in the environment and which can accumulate in the body fat of animals. If exposure to dioxins is sufficiently extensive, they can cause a range of toxic effects in animals and humans, including skin lesions, reproductive disorders and cancer.

In Australia, relevant Australian Government agencies have been undertaking monitoring programs to determine whether dioxins and related compounds are present in humans, the environment, food, and in certain agricultural commodities. As part of these monitoring programs and their reporting, the Department of Environment and Heritage (DEH) and the Department of Agriculture, Fisheries and Forestry (DAFF) sought advice from the Department of Health and Ageing (DoHA) on establishing a tolerable intake for dioxins and related compounds.

Largely based on the deliberations of (1) the consultation between technical experts representing the World Health Organization European Centre for Environmental Health (WHO-ECEH) and the International Programme on Chemical Safety (IPCS) in May 1998; (2) the meeting of the European Community Scientific Committee on Food (EC-SCF) on the risk assessment of dioxins and dioxin-like polychlorinated biphenyls (PCBs) in food, in May 2001; and (3) the Joint Food and Agriculture Organization of the United Nations (FAO)/WHO Expert Committee on Food Additives (JECFA) evaluation of dioxins, at its 57th meeting in June 2001, Australia established a Tolerable Monthly Intake (TMI) for dioxins of 70 pg TEQ/kg bodyweight from all sources combined. This tolerable intake is equal to that set by JECFA, and includes polychlorinated dioxins, polychlorinated furans and dioxin-like PCBs, as specified under the WHO 1998 TEF scheme. This TMI was endorsed by the National Health and Medical Research Council (NHMRC) on 24th October 2002, as outlined in the booklet, Dioxins: Recommendation for a Tolerable Monthly Intake for Australians, published jointly by the NHMRC and the Therapeutic Goods Administration (TGA)[1], organisations within DoHA.

The tolerable intake value is a human health standard based on the toxicological effects of dioxins and related compounds in animals and humans, following known exposures. The tolerable intake value is not a measure of human exposure to dioxins and it is not an action level for dioxins in food or the environment. Rather, it is an intake standard, against which estimated human exposure from all sources combined should be compared.

This risk assessment document has estimated exposure of the Australian population to dioxins, based on levels measured in monitoring programs conducted by the DEH (air, soil, water sediments etc.), by DAFF (agricultural commodities) and Food Standards Australia New Zealand (food). Intake estimates have been compared with the tolerable

[1] Available through Government Info Bookshops. To purchase a hard copy, please contact AusInfo on their toll-free number 132 447, or via www.ausinfo.gov.au/general/gen_hottobuy.htm. The report is accessible electronically through the NHMRC homepage at http://www.nhmrc.gov.au.

monthly intake value in order to make an assessment as to whether there are likely to be any health risks to different segments of the Australian population. Furthermore, intake estimates and body burdens of dioxin-like compounds have been compared with equivalent values estimated in other countries, to see whether the population is more or less exposed than populations in other parts of the world.

It should be noted that occupational exposures are not specifically considered in this public health risk assessment, other than the inclusion of some relatively general comments about intakes from some specific exposure sources.

Executive Summary

This report has been prepared by the Australian Department of Health and Ageing (DoHA) as an appraisal of the health risks posed to the Australian population by polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and the dioxin-like polychlorinated biphenyls (PCBs), known collectively as 'dioxins' or 'dioxin-like compounds'.

The Department of Environment and Heritage collected information on the levels of dioxin-like compounds in various environmental media in Australia, including air, soil, and sediments. It also collected data on concentrations of dioxins in the blood serum of different segments of the population. In related projects, Food Standards Australia New Zealand (FSANZ) measured the levels of these compounds in various foods and estimated dietary intakes in different population subgroups, the Australian Department of Health and Ageing (DoHA) measured dioxin-like compounds in breast milk, and the Australian Department of Agriculture, Fisheries and Forestry (DAFF) reported on levels in various agricultural commodities including meat, milk and fish. These, together with other data collected by the Department of Environment and Heritage, have been used in this population exposure assessment and health risk appraisal, conducted by the Office of Chemical Safety (OCS) within DoHA. This report also presents a summary overview of our current understanding of the health risks associated with exposure to dioxin-like compounds, and reviews health guidelines that have been established by Australia and other jurisdictions.

From a consideration of the Australian exposure data, and a review of the published scientific literature on dioxin-like compounds, the following observations and conclusions can be made.

Overview of exposure estimates for the Australian population

For the general population, over 95% of exposure to dioxin-like compounds is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources. Generally, Australian foods have levels of PCDD/Fs and PCBs that are similar to those reported in New Zealand and lower than those reported from other areas of the world. Thus, based on a dietary study for dioxin-like compounds conducted by FSANZ (FSANZ, 2004), the level of dietary intake of these chemicals for the Australian population appears to be lower than exposures reported for any other country where exposure studies have been undertaken. For all Australians aged 2 years or older, the mean upper bound estimated monthly intake of dioxins is 16 pg TEQ/kg bw/month, where the toxic equivalents (TEQ) are based on the toxic equivalent factors (TEFs) developed in 1997 for dioxin-like compounds by the World Health Organization (WHO) (Van den Berg et al, 1998). Monthly mean intakes per unit bodyweight are lower in females than males for the same age, and decline with age in both sexes, the most rapid decline apparently occurring after puberty. Unborn children are exposed to dioxin-like compounds *in utero*, and nursing infants are exposed to these contaminants present in breast milk. Because of their high dietary intake relative to bodyweight, highest mean intakes for all age groups occur in infants and toddlers.

Similarly, the results of the study of dioxin-like compounds present in serum (Harden et al, 2004) show that measured levels in the tissues of Australians are at the low end of the scale of levels reported internationally. The mean serum concentration across the population was determined as 11 ng WHO-TEQ/kg on a lipid-adjusted basis (range: 4.6-28 ng WHO-TEQ/kg lipid). From these serum data, body burdens and average lifetime daily exposures (ALDE) were calculated. The mean ALDE for all data was estimated as 1.32 pg WHO-TEQ/kg bw/day (minimum of 0.13 pg WH)-TEQ/kg bw/day for the population aged <16 years; maximum of 3.0 pg WHO-TEQ/kg bw/day for the population aged 60 years). The higher ALDE estimate compared to the estimated dietary intake is because the ALDE includes historical exposures, which are likely to have been higher than current exposures, as well as intakes from non-dietary exposure pathways.

A study (Müller et al, 2003a) measured concentrations of PCDD/Fs and dioxin-like PCBs in milk of Australian nursing mothers collected over late 2001 to 2003. Overall mean TEQ levels (upper bound) were 9.0 ng WHO-TEQ/kg of milk fat. The levels of dioxin-like chemicals in the breast milk of Australian women are similar across all regions of Australia but low by international standards. This reflects the conclusions about body burdens of dioxin-like compounds made from the serum level data. In Australia, concentrations of dioxin-like compounds in breast milk have fallen significantly (about 45%) within the past decade, an observation consistently noted in monitoring programs from a large number of other countries. This reflects a world-wide trend over recent decades of declining levels of dioxin-like compounds in the environment and in human tissues.

The generation of dioxins results predominantly from combustion processes and atmospheric transport represents the primary route for transport of dioxins into the environment.

Intake of dioxins by dermal absorption from, or ingestion of soil and by inhalation from air are only minor contributors to exposure of the general population to dioxins. Cigarette smokers are likely to have somewhat higher intakes of dioxins than non-smokers.

It has been estimated that bushfires may contribute at least 20-30% of the total release of dioxin-like compounds to the Australian environment. Bushfires, grass and scrub fires have been part of the Australian landscape for aeons. Thus, humans and the environment have been exposed to low levels of dioxin-like compounds and human metabolism has been coping with dioxin compounds for thousands of years.

The Australian National Pollutant Inventory (NPI) 2003 estimates the relative contribution of various sources to total dioxins emissions in Australia. Comparatively low levels of PCDD/F emissions have been reported relative to most other industrialized countries. It is possible that the sources with the largest estimated total emissions to the environment are not the major contributors of PCDD/F contamination of food (the largest contributor to intake of dioxin-like chemicals for the general population).

Nevertheless, protection of land and aquatic environments used for food production is very important, in order to reduce general population intakes of dioxin-like compounds.

Higher exposures, such as may occur in the workplace, have been restricted to smaller groups of people. Historical, occupational exposures to PCDD/Fs have largely been restricted to individuals involved in the handling and use of the pesticides such as pentachlorophenol (PCP) and 2,4,5-trichlorophenoxyacetic acid (2,4,5-T). These chemicals are no longer approved for use in Australia.

Toxic effects of dioxin-like compounds

The most widely studied of all the dioxin-like compounds is 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (2,3,7,8-TCDD, or TCDD). It has been shown to affect a wide range of organ systems in many animal species and can induce a wide range of adverse biological responses. The binding of TCDD to the so-called aryl hydrocarbon (*Ah*) receptor in cells appears to be the first step in a series of events that manifest themselves in biological responses, including changes at the biochemical, cellular and tissue level. Binding to the *Ah* receptor occurs in laboratory animals and humans. This being the case, the results of studies in animal have been used to predict health effects that may not yet have been demonstrated in human studies. Notwithstanding this common mechanism of action, it is noted that there are considerable species and strain differences in the acute toxicity of dioxins.

Adverse effects reported in animals following exposure to dioxins include immunotoxicity, endometriosis in Rhesus monkeys, developmental, behavioural effects in offspring of treated Rhesus monkeys, and developmental effects in rats (including reproductive toxicity in males and urogenital malformations in females).

Available epidemiological data indicate that dioxin-like compounds produce a variety of biochemical responses in humans, some of which occur at relatively low exposure levels. Induction of hepatic enzymes, changes in hormone levels and reduced glucose tolerance are examples of subtle changes that may occur at comparatively low exposures. However, these subtle effects are of unknown clinical significance, and may or may not indicate a toxic response or potential for a toxic response.

In humans, the most widely recognized and consistently observed effect following high dose exposure to TCDD is chloracne. The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism. TCDD can cause long-term alteration in glucose metabolism and there is some evidence of a weak correlation between the incidence of diabetes and occupational or accidental exposure to dioxins; however, background exposure to dioxins is not a significant risk factor for diabetes. Effects on the respiratory system, manifested mainly as upper respiratory tract irritation, have resulted from acute exposure to high concentrations of TCDD. Other irritant effects resulting from acute exposure include conjunctivitis with red and irritated eyes, and inflamed eyelids (blepharitis). TCDD exposure has been suggested to cause slight changes in thyroid function, but clinical illness associated with immune system disorders does not appear to have been associated with TCDD in any cohort studied. There is some suggestive

evidence of toxicity to the cardiovascular system. Some studies report that higher exposure to dioxins is associated with elevated blood lipids (hyperlipidemia) and increased frequency of ischaemic heart disease (damage due to poor blood circulation), valvular heart disease, and degeneration of the retina of the eye (retinopathy).

While dioxins can increase the incidence and severity of endometriosis in monkeys, epidemiology studies and small, hospital-based case-control studies have failed to provide compelling evidence for or against an association of environmental contaminants and endometriosis in humans. Results from human studies of developmental effects and exposure to TCDD have generally been inconclusive. Studies of the risk of spontaneous abortion involving occupational and environmental herbicide exposure have generally not found increased risks. Several studies indicate that paternal exposure to dioxins may be associated with the birth of more girls than boys; however, the median concentration of dioxin in fathers in one such study was about 20 times the estimated average concentration of TCDD currently found in human beings in industrialised countries.

The potential neurotoxicity of PCBs was first recognized when people in Japan (1968) and Taiwan (1978-1979) consumed rice oil highly contaminated with PCBs and PCDFs; offspring had poorer cognitive functioning as well as other behavioural problems. In the recent Dutch PCB/Dioxin Study, assessment of school-age children suggested that subtle cognitive and motor developmental delays arising from prenatal PCB and dioxin exposure were seen when parental and home characteristics were less optimal but such effects were not measurable in children raised in more optimal environments. A number of literature studies indicate that the beneficial effects of breast feeding on infant development far outweigh any possible negative effects arising from the somewhat higher intake of dioxins in breast-fed as cf. formula-fed infants.

Of the range of non-cancer health effects evaluated in exposed adult populations, some appear to be transient and not observed when exposure ceased, whereas other effects persist for some years. Overall, epidemiology studies on populations exposed occupationally or environmentally to TCDD have not demonstrated any significantly increased all-cause or non-cancer mortality.

Experimental studies demonstrate that TCDD is carcinogenic in all species and strains of laboratory animals tested. It has been characterised as a multi-site carcinogen. However, short-term studies have shown a lack of direct DNA-damaging effects, indicating that TCDD is not an initiator of carcinogenesis, but is a potent tumour promoter. Although the mechanisms of carcinogenicity are not fully known, the ability of TCDD to enhance proliferation and inhibit apoptotic processes in focal hepatic lesions supports an indirect mechanism of carcinogenicity. Nevertheless, in the whole-of-life rat cancer study which has driven cancer risk estimates made by a number of regulatory agencies, it should be borne in mind that there were also significant reductions in the incidence of a number of cancers including spontaneous benign tumours of the uterus, benign and malignant mammary tumours and pituitary adenocarcinomas (in female rats), and in adrenal gland phaeochromocytomas and pancreatic adenomas (in male rats). Although the mechanisms for such reductions in

tumour incidence are not well understood, reductions in body weight as a result of TCDD exposure and disruption of endocrine homeostasis are two possible explanations.

Epidemiological evidence from the most highly exposed occupational cohorts studied produces the strongest evidence in humans of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined. There is weaker evidence of an increased cancer risk when the data for cancers at particular sites are considered. From the occupational studies, and an understanding of biological plausibility as shown by animal studies, the International Agency for Research on Cancer (IARC) has concluded that TCDD is carcinogenic to humans. It is difficult to find epidemiological data that have sufficient dose-response information to provide reliable risk estimates for cancer in exposed human populations. Modelling is complicated by uncertainties in extrapolating current body burdens of dioxins to past occupational exposure and by the choice of the dose-response model to fit the data. In specific cohorts, excess risks were observed for reproductive cancers (female breast, endometrium, male breast, testis) but, overall, the pattern is inconsistent. There is a small increase in relative risk for all cancer combined in the most highly exposed and longer-latency sub-cohorts. The possibility that this small increase in relative risk is due to confounding factors cannot be excluded.

A number of key studies documenting a variety of health effects of TCDD in laboratory animals have been used to establish human health guidelines for exposure to dioxin-like compounds. However, most data on the health effects of PCDD/Fs have been obtained using the most toxic congener, 2,3,7,8-TCDD. Despite only having limited data on the toxic effects of other dioxin-like PCDD/Fs and PCBs, it may be inferred that biochemical, cellular and tissue-level effects that are elicited by exposure to TCDD are also induced by other chemicals that have a similar structure and that bind to the *Ah* receptor. Thus there is general agreement that the use of Toxic Equivalence Factors (TEFs) to estimate the potency of dioxin-like compounds (relative to TCDD) is a useful procedure, applying the concept of additivity for the PCDDs, PCDFs and dioxin-like PCBs to provide total Toxic Equivalence Quotient (TEQ) estimates. The TEQ approach involves assessing the comparative effects of individual PCDD/F and PCB congeners on various biological end-points, and deriving TEFs based on the upper range of potency data for these effects. The concept of toxic equivalents in evaluating mixtures of PCDD/Fs and dioxin-like PCBs has been fundamental to the conduct of health risk assessments. Estimates of population exposures suggest that a significant proportion of the total intake of dioxin-like compounds (measured as TEQs) is from congeners other than 2,3,7,8-TCDD.

Tolerable Monthly Intake

Based on an analysis of various international hazard assessments and relevant literature published between 1999 and late 2003, it is considered that the Australian Tolerable Monthly Intake (TMI) of 70 pg/kg bw/month as recommended by the NHMRC and the TGA's Office of Chemical Safety in 2002 should be adequately protective of the general population with respect to effects of dioxin-like compounds. This value is the same as that set by the WHO/FAO Joint Expert Committee on Food Additives and Contaminants (JECFA) in 2002.

Health Risk Assessment

Intakes of dioxins from the various sources can be compared with the Tolerable Monthly Intake (TMI) health intake value established by the TGA and NHMRC (NHMRC/TGA, 2002). For the majority of the population, their average intake of dietary dioxins (per unit bodyweight) was significantly lower than this value, being between 10-54% of the TMI, somewhat higher in infants and toddlers, based on samples taken in 2000 and food consumption data from 1995. Estimates of intake based on serum concentrations suggests that during approximately the last 25 years the average intake was probably close to 1.3 pg WHO-TEQ/kg bw/day. On international comparisons with intakes estimated in other developed countries, these figures are not a significant cause of concern. Nevertheless, on the basis of scientific uncertainties in the establishment of the tolerable health intake value, sensible policy would dictate continuing efforts to reduce, where possible, the emissions of dioxin-like compounds to the environment.

A number of national agencies have endeavoured to provide quantitative estimates of cancer risk, based on low-dose extrapolation from both animal and human data. In view of the ongoing debate about the existence of a threshold level below which dioxins will not increase cancer risk, about the potency of the various dioxins, furans and PCBs in causing cancer, and the variability in various quantitative risk estimates, this assessment has not endeavoured to make a quantitative risk conclusion. The estimated intakes are below the TMI, which provides an adequate margin of safety for any possible increased risk of cancer. Furthermore, it is noted that the body burden of dioxins in the general population is significantly lower than the body burdens of the most highly exposed industrial cohorts where there is evidence of some increased cancer risk.

On the basis of the findings of this risk appraisal, the Australian population can be confident that current background exposures to dioxin-like compounds are generally low compared with other similar countries. Because of the ubiquitous presence of various dioxin-like compounds in human tissues, as well as in the milk of mothers worldwide, infants can be exposed to these compounds both prenatally and during breast feeding. A number of studies indicate that any neurological deficits associated with exposure to dioxins and other organochlorine contaminants appears to be associated with *in utero* exposure rather than breastfeeding. This finding adds to the reasons for taking a prudent and precautionary approach with respect to risk management steps to reduce population exposures to these chemicals. Nevertheless, all the available scientific and medical studies indicate that any subtle effects which might result from early exposure to extra dioxin-like compounds in breast milk are quickly outweighed by the multiplicity of beneficial effects from breast feeding.

This report, whilst not an occupational health and safety risk assessment, also briefly considers ‘special’ populations who may have be exposed to dioxin-like compounds above background levels eg. workers who were occupationally exposed to PCDD/F from the use of PCP in the timber industry and dioxin-contaminated 2,4,5-T in agricultural woody weed control. In view of the relatively small number of occupationally exposed cases known or studied in Australia, as well as the lack of data

on blood levels of TCDD/Fs and PCBs, it has not been possible to draw clear conclusions about health effects of such exposures.

Recommendations relating to risk management

Notwithstanding the observation that the Australian population is exposed to low levels of dioxins, it would be prudent, in the light of the environmental persistence and long biological half-lives for many of the congeners of these dioxin-like compounds, to take all reasonable steps to further reduce human exposure, by reducing and if possible eliminating, significant sources of PCDD/PCDF generation.

Although hundreds of epidemiology studies have looked at the human health effects of dioxin exposures, neither the full extent of dioxin contamination nor the magnitude of the associated human health risks are clearly understood (eg. Institute of Medicine; Schmidt 2004). However, in the light of increasing scientific information about the toxicity of dioxin-like compounds and data on body burdens present in the Australian population, the following recommendations with respect to reducing any potential risks to human health are made:

- A cautious and conservative approach should be adopted with respect to dioxin-like compounds. Thus, programs to reduce the release of dioxin-like compounds into the environment need to be ongoing.
- Ways to block the cycling of dioxins through the food supply need to be identified. Reducing the levels of dioxins in feed given to livestock, poultry and aquaculture fish will help to reduce the levels of dioxins in the food supply. This may be achieved by reducing the amount of animal fat used as a growth enhancer in stockfeed, and sourcing fish-based aquaculture feed (eg. pilchards, sardines) from non-polluted environments.
- Since foods high in animal fats are a source of exposure to these chemicals, current efforts to promote lower saturated fat intake in the population should continue[2].
- Current programs to discourage cigarette smoking should be maintained. In particular, any measures which reduce dioxin intake in young women are likely to help reduce their body burden of dioxins and ultimately, the amount of dioxins which may be transferred to their offspring, both prenatally (*via* trans-placental transfer) and postnatally *via* breast milk[3].
- The population burden of dioxin-like compounds should be monitored periodically, to see whether risk reduction strategies are effective.

Note that these recommendations are preliminary risk management recommendations made by the Office of Chemical Safety and they will be further developed following discussions with other government agencies and consideration of public input.

[2] Note that the relative specific heath risks of exposure to dioxins are low compared to those arising from a high intake of saturated fats

[3] As for dietary intake of saturated fats, the specific health risks associated with dioxin exposure are low compared to the known adverse effects of smoking

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1. Introduction

Dioxins and related compounds are amongst the most studied of all chemicals. This interest arises because of the range of biological effects that they have been reported to cause in animal studies and in heavily exposed human cohorts, their potential to increase the incidence of cancers in people occupationally exposed to high levels of dioxins, their long half-lives in the environment and the human body, and the widespread and ubiquitous exposure of animals and humans to this class of compounds. Since dioxins are fat soluble, chemically stable and poorly metabolised, they can concentrate in body fat and build up under conditions of long-term exposure, both in animals and humans, and accumulate as they move through the food chain. These properties mean that even low levels of dioxins in the environment may eventually pose risks to animals and humans.

Although the exact impact of dioxins on people's health is not yet known, there are currently no clear indications that dioxins are causing increased disease in the general population.

International studies have concluded that around 95% of human exposure occurs through the consumption of food. People may also have some limited exposure through other routes such as breathing in air contaminated by dioxins in smoke (from bushfires, domestic wood heaters and cigarettes), factory or incinerator emissions, motor vehicle exhaust fumes, or from uncontrolled hazardous waste sites containing dioxins (eg. Furst et al 1992a; Liem et al 2000; US EPA 2000).

In Australia, available data suggest the levels of dioxins in the environment are generally low. In 1998 the Australian Government Department of Environment and Heritage produced an inventory of dioxins emissions to air. However, since only limited Australian data were available, this inventory had to use information from other countries to estimate dioxin emissions. In order to better understand how dioxins may be affecting human health and the environment in Australia, the Australian Government announced, in the 2001-02 Australian Government Budget, the decision to fund the conduct of a National Dioxins Program (NDP). It was agreed that the information gathered by the NDP would be used to estimate the extent to which people are exposed to dioxins, and determine the best actions Australia could take to reduce population exposure to dioxins.

The NDP has three phases. Phase One involved surveys of dioxin levels in the environment (air, soil, sediments, fauna) and people (plasma levels in people from various age groups and regions, and breast milk levels in first-time mothers) throughout Australia, in order to provide information to be used in the preparation of a new inventory of dioxins in Australia. Studies also assessed the contribution of bushfires, motor vehicles and domestic wood heaters to levels of dioxins in air. A survey of dioxin levels in foods was conducted by Food Standards Australia New Zealand (FSANZ). Phase Two used the findings of Phase One to provide the basis for assessing the potential risks of dioxins to the environment, as well as the potential risks for human health from exposure to dioxins either directly from the environment or from dioxin-contaminated food. Phase Three will use the Phase-Two risk assessments to develop

national management strategies to reduce, and where feasible, to eliminate the release of dioxins in Australia.

This document contains the results and conclusions of the Phase-Two human health risk assessment. It is structured into four main parts. The first part provides an overview of the known and possible effects of dioxins in animals and humans and considers a suitable intake level at which significant health effects are not expected to occur. The second part estimates likely dioxin intakes for the majority of the Australian population. The third part compares the estimated intakes with the health-based tolerable intake level and provides comment on likely health risks for the population. The final part of the report makes some suggestions for risk management measures aimed at reducing population exposures to dioxins and related compounds.

1.1 Overview

Much of the following overview text is taken from 'Dioxins: Recommendation for a Tolerable Monthly Intake for Australians' (NHMRC/TGA, 2002) and the references cited therein. Additional references used here are indicated. A number of published review volumes (eg. Schecter & Gasiewicz, 2003) provide useful reference information on the chemistry, toxicology and health effects of dioxins.

1.1.1 What are 'dioxins'?

The term 'dioxins' is used to describe a group of environmentally persistent halogenated aromatic hydrocarbon chemicals that includes polychlorinated dibenzodioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), polybrominated dibenzodioxins (PBDDs), polybrominated dibenzofurans (PBDFs) and polychlorinated biphenyls (PCBs). The chlorinated compounds predominate and it is these which are the focus of this report. PCDDs, PBDDs, PBDFs and PCDFs are not manufactured intentionally but are by-products of combustion. They are formed naturally by volcanoes and forest fires, as well as by industrial processes such as waste incineration and the synthesis of certain chemicals. PCBs, on the other hand, were manufactured for approximately 50 years for use as components of insulating fluids in transformers and other electrical equipment.

The potential toxicity of dioxins began to be recognised over 40 years ago. Concern over the potential adverse effects of dioxins has been amplified by evidence that they are resistant to metabolism and tend to remain in the body fat of animals and humans for a long time. The different structurally related chemicals (referred to as congeners) that make up the dioxins have half-lives that vary from 3.7 years for the least persistent type to 50 years for the most persistent, with an average half-life of approximately 7 years.

1.1.2 Chemistry and physicochemical properties of PCDDs, PCDFs and PCBs

The PCDDs and PCDFs are chlorinated tricyclic aromatic hydrocarbons, made up of two benzene rings joined by either two oxygen atoms at adjacent carbons on each of the benzene rings (PCDDs) or by one oxygen atom and one carbon-carbon bond (PCDFs); their basic structures are given in Figure 1-1.

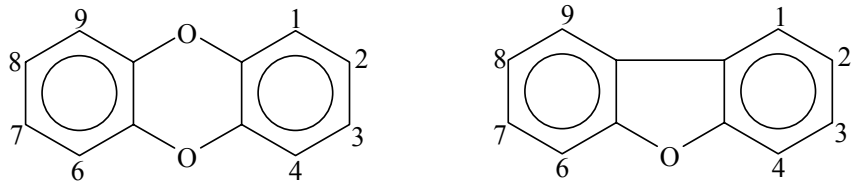

Figure 1-1 Structures of dibenzo-p-dioxin and dibenzofuran

Both groups of chemicals may have up to eight chlorine atoms attached at carbon atoms 1 to 4 and 6 to 9. Each individual compound resulting from this is referred to as a congener. Each specific congener is distinguished by the number and position of chlorine atoms around the aromatic nuclei. In total, there are 75 possible PCDD congeners and 135 possible PCDF congeners; groups of congeners with the same number of chlorine atoms are known as homologues. The number of congeners in each homologue group is shown in Table 1-1 (Müller et al, 2003a; Gilpin et al, 2003). The most widely studied of the PCDDs and PCDFs is 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). This congener is often generically referred to as 'dioxin', and represents the reference compound for this class of chemicals.

Table 1-1 Homologues and congeners of PCDDs and PCDFs

Homologue name	Abbreviation	No. of possible congeners	No. congeners with Cls at 2, 3, 7 & 8 positions
Monochlorodibenzo-*p*-dioxin	MCDD	2	0
Dichlorodibenzo-*p*-dioxin	DiCDD	10	0
Trichlorodibenzo-*p*-dioxin	TrCDD	14	0
Tetrachlorodibenzo-*p*-dioxin	TCDD	22	1
Pentachlorodibenzo-*p*-dioxin	PeCDD	14	1
Hexachlorodibenzo-*p*-dioxin	HxCDD	10	3
Heptachlorodibenzo-*p*-dioxin	HpCDD	2	1
Octachlorodibenzo-*p*-dioxin	OCDD	1	1
Monochlorodibenzofuran	MCDF	4	0
Dichlorodibenzofuran	DiCDF	16	0
Trichlorodibenzofuran	TrCDF	28	0
Tetrachlorodibenzofuran	TCDF	38	1
Pentachlorodibenzofuran	PeCDF	28	2
Hexachlorodibenzofuran	HxCDF	16	4
Heptachlorodibenzofuran	HpCDF	4	2
Octachlorodibenzofuran	OCDF	1	1

Congeners containing one, two or three chlorine atoms are thought to be of no toxicological significance. However, 17 congeners with chlorine atoms substituted in the 2, 3, 7 and 8 positions (i.e. in the lateral positions of the aromatic rings) are thought to pose a health and environmental risk. Increasing substitution from four to eight

chlorine atoms generally results in a marked decrease in their ability to cause biological effects of concern.

The PCBs are structurally similar to the PCDD/PCDFs and include 209 congeners, from the monochloro congener through to the fully chlorinated decachloro congener; the basic aromatic nucleus is shown in Figure 1-2. The distribution of PCB congeners arising from attachment of chlorine atoms to this nucleus is given in Table 1-2.

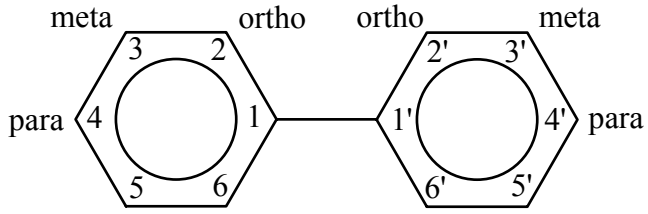

Figure 1-2 Structure of biphenyl

Table 1-2 Distribution of PCB congeners

No. of Cl substituents	1	2	3	4	5	6	7	8	9	10
No. of congeners	3	12	24	42	46	42	24	12	3	1

Like the PCDD/PCDFs, the biological effects of the PCBs are very dependent both on the degree of chlorination and on the position of the chlorine atoms around the aromatic nuclei (i.e. whether they are *ortho*-, *meta*- or *para*- to the phenyl-phenyl bridge at carbon-1). Certain PCBs, the non-ortho and mono-*ortho* congeners, can adopt a coplanar conformation that is structurally similar to the PCDD/PCDFs and appear to elicit dioxin-like responses through a similar mechanism of action. The non-*ortho* PCBs lack a chlorine substituent in any of the 2, 2', 6, or 6' positions while the mono-*ortho* PCBs have a single chlorine atom in any one of the 2, 2', 6, or 6' positions (see Table 1-3).

Table 1-3 Names of the 12 dioxin-like PCBs

PCB Name	**PCB No.**
Non-*ortho* PCBs	
3,3',4,4'-Tetrachlorobiphenyl	PCB 77
3,4,4',5-Tetrachlorobiphenyl	PCB 81
3,3',4,4',5-Pentachlorobiphenyl	PCB 126
3,3',4,4',5,5'-Hexachlorobiphenyl	PCB 169
Mono-*ortho* PCBs	
2,3,3',4,4'-Pentachlorobiphenyl	PCB 105
2,3,4,4',5-Pentachlorobiphenyl	PCB 114
2,3',4,4',5-Pentachlorobiphenyl	PCB 118
2,3',4,4',5'-Pentachlorobiphenyl	PCB 123
2,3,3',4,4',5-Hexachlorobiphenyl	PCB 156

2,3,3',4,4',5'-Hexachlorobiphenyl	PCB 157
2,3',4,4',5,5'-Hexachlorobiphenyl	PCB 167
2,3,3',4,4',5,5'-Heptachlorobiphenyl	PCB 189

PCDDs, PCDFs and dioxin-like PCBs are commonly referred to as 'dioxin-like compounds'.

In general, dioxin-like compounds have very low water solubility, high octanol-water partition coefficients, low vapour pressure and adsorb strongly to particles and surfaces (high K_{OC}) and are resistant to chemical degradation under normal environmental conditions. Thus, they are persistent in the environment and their high fat solubility results in their bioconcentration into biota and biomagnification up the food chain. Almost all 210 individual PCDD and PCDF congeners have been identified in emissions from thermal and industrial processes and consequently they are found as mixtures in environmental matrices such as soil, sediment, air, plants and lower animals, although their low aqueous solubility means they can hardly be detected in water and are largely immobile in soils.

The 'Illustrated Handbook of Physical Properties and Environmental Fate for Organic Chemicals', volumes 1 and 2 (Mackay et al, 1992a, 1992b) are useful references which provide data on the physical and chemical properties of dioxins and dioxin-like compounds, including water solubility, vapour pressure, Henry's Law constant, octanol-water partition coefficient and bio-accumulation factor. They include excellent illustrative examples about the partitioning behaviour of these contaminants in the environment.

1.1.3 Toxic equivalency factors

When found in the environment, biological tissues and industrial sources, dioxins are usually present as complex mixtures; this complicates hazard and risk assessment because the different congeners vary significantly in their toxicity. However, the potency of different dioxins can be ranked relative to TCDD, the most toxic member of the dioxin class. These rankings are known as toxic equivalency factors (TEFs). To be included in the TEF scheme, a compound must be structurally related to PCDDs and PCDFs, bind to the cellular aryl hydrocarbon (*Ah*) receptor, elicit *Ah* receptor-mediated biochemical and toxic responses, must be persistent, and accumulate in the food chain (WHO, 1998).

Several schemes for assigning TEFs to PCDD/Fs and PCBs have been used previously. However, the most recent review of TEFs was that of the WHO in 1998 (Van den Berg et al, 1998) (see Appendix XVIII for a comparison of TEF schemes). This review has subsequently been recognised by the United States Environmental Protection Agency (US EPA 2000) an many other countries (including Japan, Canada and the EU) as being the most appropriate scheme for estimating the toxicity of dioxin mixtures. Under the WHO TEF scheme shown in Table 1-4, TCDD is assigned a TEF of 1.0, and other PCDDs, PCDFs and PCBs have TEF values ranging from 1.0 down to 0.00001. To estimate the toxic potency of a given dioxin mixture, the mass concentration of each

individual component is multiplied by its respective TEF, and the products are summed to represent the TCDD toxic equivalence (TEQ) of the mixture. These TEFs will be periodically reviewed.

Throughout this document, the intake of dioxins will be expressed in units of TEQs, applying the 1998 WHO TEFs, unless they were derived using the previous international TEF scheme (US EPA, 1989), which is abbreviated as I-TEQ.

Table 1-4 WHO TEFs for human risk assessment

Congener	TEF value	Congener	TEF value
Dibenzo-p-dioxins		***Non-ortho PCBs***	
2,3,7,8-TCDD	1	PCB 77	0.0001
1,2,3,7,8-PnCDD	1	PCB 81	0.0001
1,2,3,4,7,8-HxCDD	0.1	PCB 126	0.1
1,2,3,6,7,8-HxCDD	0.1	PCB 169	0.01
1,2,3,7,8,9-HxCDD	0.1		
1,2,3,4,6,7,8-HpCDD	0.01		
OCDD	0.0001		
Dibenzofurans		***Mono-ortho PCBs***	
2,3,7,8-TCDF	0.1	PCB 105	0.0001
1,2,3,7,8-PnCDF	0.05	PCB 114	0.0005
2,3,4,7,8-PnCDF	0.5	PCB 118	0.0001
1,2,3,4,7,8-HxCDF	0.1	PCB 123	0.0001
1,2,3,6,7,8-HxCDF	0.1	PCB 156	0.0005
1,2,3,7,8,9-HxCDF	0.1	PCB 157	0.0005
2,3,4,6,7,8-HxCDF	0.1	PCB 167	0.00001
1,2,3,4,6,7,8-HpCDF	0.01	PCB 189	0.0001
1,2,3,4,7,8,9-HpCDF	0.01		
OCDF	0.0001		

Note: TEFs are based on the conclusions of the WHO meeting in Stockholm, Sweden, 15-18 June 1997 (Van den Berg *et al,* 1998).

The database on many of the polybrominated compounds has been less extensively evaluated, and these compounds have not been assigned TEFs by the WHO. Consequently, polybrominated compounds have not been explicitly considered in this assessment, which focuses on PCDDs, PCDFs and PCBs. Evaluation of the most common chlorinated congeners is generally considered to be sufficient to characterise environmental dioxins. PBDDs and PBDFs could be included in future assessments if sufficient information becomes available and inclusion is considered desirable on toxicological grounds (see eg. Birnbaum et al, 2003).

TEFs are based on the present state of our knowledge and it is likely that some values may be revised as new data becomes available. It should be noted that the widely-accepted approach of combining TEFs into a single exposure metric (TEQ) is not

without controversy, considered by some to be a simplistic approach to dealing with complex mixtures of dioxin-like compounds (eg. Starr, 2003). For example, some congeners may act as *Ah*-receptor antagonists, blocking or altering the effects of other congeners.

It is recognised that in addition to synthetic halogenated aromatic hydrocarbons, there are a number of quite potent natural compounds that can interact with the *Ah* receptor. These include indole-3-carbinol (IC3) and related compounds from cruciferous vegetables. Polycyclic aromatic hydrocarbons (PAHs) and other aromatic amines formed during cooking can also interact with the *Ah* receptor, and may further complicate risk assessment (Safe, 1998). However, it is still unknown whether these compounds exert a significant influence on the toxicity of dioxins, and their possible effects cannot be assessed at present.

1.1.4 Exposure

Dioxins are ubiquitous in the environment, being found throughout the industrialised world in air, soil and sediments, as well as in food. Human exposure to dioxins can occur through working in industries in which they are by-products, from industrial accidents, and through food (including breast milk). Intake *via* inhalation and dermal absorption is likely to represent a very small source of exposure to dioxins.

Exposure of the general public to dioxins is predominantly through the diet, with food of animal origin being the major source. Contamination of food is primarily caused by dioxin emissions to the atmosphere from various industrial or thermal processes (eg. bushfires, wood heaters, waste incineration, production of chemicals), with subsequent deposition onto farmland and water bodies, followed by bioaccumulation up terrestrial and aquatic food chains. Other sources of dioxin-like chemicals can include contaminated stockfeed (for cattle, chicken and farmed fish), improper application of sewage sludge to agricultural land, flooding of pastures, waste effluents and certain types of food processing.

Based on measured concentrations of dioxins, furans and PCBs in food, and data on national food consumption, the 2001 JECFA evaluation estimated that median long-term intakes of PCDDs and PCDFs are 33-42 pg TEQ/kg bw/month for adults living in the United States or Western Europe. Estimates for New Zealand and Japan derived from measured concentration and food supply data were significantly lower, at 18 and 7 pg TEQ/kg bw/month, respectively[4]. If dioxin-like PCBs are also included, the daily total TEQ intake increases by about 25 per cent in the United States and is approximately doubled in other regions. Recent studies from countries that started to implement measures to reduce dioxin emissions in the late 1980s, such as the Netherlands, UK and Germany, clearly show that dioxin levels in food have decreased since that time, with a consequent reduction in dietary intake of these compounds by a factor of almost 2 over a 7-year period (WHO, 1998). In Canada, regulatory and guideline initiatives have markedly reduced PCDD and PCDF emissions from waste incinerators and bleached kraft pulp mills, with consequent declines in the

[4] The New Zealand and Japanese estimates may be higher than the true intake, as food *supply* exceeds food *consumption* by at least 15 per cent.

concentrations of these chemicals in fish and shellfish (Larsen et al, 2000). Similar measures have been undertaken in other countries, including Australia.

On a bodyweight basis, the daily intake of dioxins for breastfed babies is reported to be significantly higher than that for adults. A WHO field study showed that mean levels of PCDD/PCDF and PCB in human milk were higher in industrialised areas (10-35 pg I-TEQ/g milk fat) than in developing countries (<10 pg I-TEQ/g milk fat) (WHO 1996). However, there is clear evidence of a decrease in PCDD/PCDF levels in human milk between 1988 and 1993, with the highest rates of decrease in areas with the highest initial concentrations (WHO, 1996).

Examples of accidental exposures of local populations to PCDDs, PCDFs and PCBs include the incident at Seveso, Italy, and fires in PCB-filled electrical transformers. High exposure may also be caused by accidental contamination of food eg. industrial contamination of edible food oil, such as occurred at Yusho (Japan) and Yu-Cheng (Taiwan). While many industrial sources of occupational exposure have been identified and worker exposures have been reduced or eliminated, historic median TCDD levels in blood of highly exposed workers have been 1-3 orders of magnitude higher than blood levels in the general population. Body burdens caused by accidental or occupational exposure are normally dominated by only a few congeners; congener patterns are different from background exposure arising primarily from indirect exposure through the food supply where bioaccumulation can modify congener patterns.

1.1.5 Mechanisms of toxicity

The *Ah* (for aryl hydrocarbon) receptor is important in mediating the biological and toxicological effects of TCDD and dioxin-like compounds. Although the precise chain of molecular events is not fully understood, alterations in key biochemical and cellular functions are likely to be responsible for dioxin toxicity. Activation of the *Ah* receptor has two major consequences: increased transcription of various genes (eg. those coding for drug-metabolising enzymes) and immediate activation of tyrosine kinases; tyrosine kinase enzymes catalyse the transfer of the phosphate of ATP to tyrosine residues on protein substrates including enzymes and receptors, thus affecting enzyme activity and receptor function. The *Ah* receptor can also regulate expression of other networks of genes, either directly or indirectly. Activation of the *Ah* receptor can result in endocrine and paracrine disturbances, and alterations in cell functions, including growth and differentiation. Some of these effects have been observed both in humans and animals, indicating the existence of common mechanisms of action in different species. Some of the ligands that bind the *Ah* receptor may block its activation by behaving as weak agonists, or antagonists (eg. Safe and McDougal 2002). This means that binding of the *Ah* receptor by some members of the dioxin class could conceivably block the action of other, more toxic congeners, complicating the risk assessment of dioxin mixtures.

1.1.6 Cellular targets for dioxins

A family of so-called ‘nuclear receptors’ (NRs) function to transduce chemical signals into transcriptional responses in the cell nucleus by controlling the activity of specific target genes.

These NRs can be activated (and repressed) by a range of endogenous chemicals including the steroid hormones, retinoids (active metabolites of vitamin A), vitamin D, thyroid hormone, glucocorticoids and mineralocorticoids, and various xenobiotics including aryl hydrocarbons.

As discussed above, the *Ah* (for aryl hydrocarbon) receptor, a ligand-activated transcription factor involved in the regulation of a large number of genes, is considered to be a key site in mediating the biological and toxicological effects of TCDD and dioxin-like compounds.

TCDD and other PAHs exert effects on retinoid, thyroid hormone and vitamin D metabolism at very low doses following TCDD exposure (Hoegberg et al, 2003; Lilienthal et al, 2000; Nilsson & Hakansson, 2002; Van Birgelen et al, 1995). Likewise, a recent study has demonstrated that the agonist-activated AhR/Arnt[5] heterodimer directly associates with estrogen receptors, suggesting a novel mechanism of estrogenic signalling modulation (Ohtake et al, 2003).

1.1.7 Kinetics of dioxins and the concept of body burden

The fate of dioxins in the body is unusual, primarily because most of the congeners are extremely fat soluble but are practically insoluble in water. Following ingestion and absorption from the small intestine, dioxins are readily distributed via the blood to all organs, but they are preferentially retained in adipose (fatty) tissue. The release of stored dioxins from adipose tissue into the circulation is extremely slow, limiting the rate of metabolism by the liver and subsequent excretion in the faeces via the bile. Hence, the time to excrete half of an ingested dose of dioxins (the half-life) is usually measured in years. As discussed above, dioxins are composed of a mixture of compounds and each has a different half-life, but the commonly quoted average in humans, based on data from Seveso, ranges between 7 and 10 years.

The long half-life of dioxins means that, over decades, even a low rate of exposure leads to accumulation of dioxins in the body. Continual exposure from contaminated food might lead in the long term to an extremely high body burden (i.e. the total amount of dioxins in the body). Therefore, it is important to minimise the levels of dioxins in food. The capacity of humans to store dioxins in fat is so great that it would be expected to take 40–50 years to reach a balance or steady state, where the rate of intake equals the rate of excretion. Thus, a few exposures that exceeded the accepted dietary limit by ten- or even a hundred-fold would not significantly change a body burden accumulated over several decades. A single dose of dioxins of 5000 pg or a lifelong intake of around 1 pg/day would result in a similar body burden.

The biochemical and toxicological effects of dioxins, furans and PCBs relate more closely to their concentration in the target tissue than to the daily dose. Dioxins accumulate in vital organs and therefore it is difficult to directly measure the concentration in particular tissues except at post-mortem. However, the body burden of dioxins correlates strongly with levels in adipose tissue and serum and can, therefore, be readily estimated by measuring dioxin levels in adipose tissue or serum, or estimated

[5] Arnt = aryl hydrocarbon receptor nuclear translocator

from the ingested dose. Also, it has been assumed that data on body burden overcomes interspecies differences in the absorption, distribution, metabolism and excretion of dioxins. Therefore, the consultations by the WHO, the EC-SCF and JECFA concluded that the body burden is the measurement of choice for comparing risks between humans and animals. JECFA concluded that the appropriate averaging period for evaluating intake of these compounds is one month or more, whereas the EC-SCF favoured an interval of one week.

2. Hazard Assessment

2.1 Introduction

This chapter contains summary information about the hazards (or intrinsic toxicity) of dioxins and related compounds. It is not a risk assessment, which estimates the likely exposure of the population to dioxins and compares that intake with estimated safe intake levels which are established from a knowledge of the toxic effects of the compounds and the doses at which these effects are likely to occur. It updates the information contained in the 2002 hazard assessment overview which recommended an Australian TMI for dioxins (NHMRC/TGA, 2002) by considering relevant research on dioxins conducted since the 2002 report, as well as recent assessments and reports prepared by other national and international organisations or agencies. Note that this document is not a *de novo* hazard assessment but a summary overview report. Furthermore, its focus is on findings from in vivo studies in animals and clinical and epidemiology studies in humans; therefore it does not consider mechanism-of-action or in vitro studies.

A considerable number of comprehensive reviews of the toxicology of dioxins and dioxin-like compounds have been written in recent years. The 1998 review of dioxins by the Agency for Toxic Substances and Disease Registry (ATSDR) of the Public Health Service of the US Department of Health and Human Services is one of the most comprehensive reviews of the subject to date. The information in the 'Overview' (Section 2.2) is largely taken from a number of reviews including that of the ATSDR (ATSDR, 1998), the reports of the meetings of the 1998 WHO-ECEH/IPCS consultation (WHO, 1998; Van Leeuwen et al, 2000a & b), the EC-SCF (EC Scientific Committee on Food, 2001) and JECFA (FAO/WHO, 2001). To update these reviews, a monograph on Dioxins and Health (Schecter & Gasiewicz, 2003) provided a useful information source. Information contained in Section 2.3 ('Summary of the Toxicity of Dioxins') includes results of a literature search (conducted in September 2003) on the human health effects of dioxins[6].

[6] The search, conducted by Ms Kristen Dyer, was based on retrieving articles dealing primarily with risk assessment, excluding articles on dioxin levels in food, soil, animals, people; bio-monitoring of dioxins in humans; and managing dioxins. Databases searched included: Medline; Medline-in-process; Embase; Biosis (Biological Abstracts); Elsevier Biobase (Current Awareness in Biological Sciences); Toxline; EnviroLine; AMI (Australasian Medical Index); plus the catalogue of the Australian Government Department of Health and Ageing library.

2.2 Summary of the Toxicity of Dioxins

2.2.1 Animal data

2.2.1.1 Key studies

Numerous published studies have documented a variety of adverse effects of TCDD in experimental animals. The following Table lists a number of studies which have been pivotal in establishing human health guidelines for exposure to dioxin-like compounds.

Table 2-1 Some key toxicity studies used in the derivation of human health criteria

Study	Species/Strain	Biological effect
Kociba et al, 1978	Rats, Sprague-Dawley	Cancer
Schantz & Bowman, 1989; Schantz et al, 1992	Monkeys, Rhesus	Neurobehavioural effects in offspring
Mably et al, 1992a, b	Rats, Holzman	Decreased sperm counts in offspring of treated dams; decreased weights of testis and accessory sex organs
Rier et al, 1993	Monkeys, Rhesus	Endometriosis
Gray et al, 1997a	Rats, Long Evans Hooded	Accelerated eye opening and decreased sperm counts in male offspring
Gray et al, 1997b	Rats, Long Evans Hooded	Increased genital malformations in female offspring
Gehrs et al, 1997; Gehrs & Smialowicz, 1999	Rats	Immune suppression in offspring
Faqi et al, 1998	Rats, Wistar	Decreased sperm production and altered sexual behaviour in male offspring
Ohsako et al, 2001	Rats, Holzman	Decreased anogenital distance in male offspring

Adverse effects reported in animals following exposure to dioxins include immunotoxicity, endometriosis in Rhesus monkeys, developmental behavioural developmental effects in offspring of treated Rhesus monkeys, and developmental effects in rats (including reproductive toxicity in males and urogenital malformations in females).

The results of a two-year carcinogenesis bioassay conducted by Kociba et al (1978) have been the most often utilized for cancer risk assessment of TCDD. Sprague Dawley rats of both genders were given 2,3,7,8-TCDD (99% pure) in the feed to achieve intakes of 0, 1, 10 and 100 ng/kg bw/day. Results indicated that at 100 ng/kg bw/day, TCDD

caused an increase in the incidence of hepatocellular hyperplastic nodules and carcinomas in female but not in male rats. At this dose, statistically significant increases in squamous cell carcinomas of the lungs (females) and tongue and nasal palate/nasal turbinates (males) were also reported. Conversely, at this dose there was a significant reduction in the incidence (in female rats) of spontaneous benign tumours of the uterus, benign and malignant mammary tumours and pituitary adenocarcinomas, and (in male rats) adrenal gland phaeochromocytomas and pancreatic adenomas. Although the mechanisms for such reductions in tumour incidence are not well understood, reductions in body weight[7] as a result of TCDD exposure and disruption of endocrine homeostasis have been suggested as two possible reasons for these findings.

There was also a reduction in the incidence and severity of chronic renal disease in aged male rats. At the mid dose (10 ng/kg bw/day) there was no evidence of TCDD effects on tumour incidence, although an increased incidence of hepatocellular nodules was observed. Lifetime ingestion of TCDD at the low dose (1 ng/kg bw/day) did not cause any effects considered to be of toxicological significance. A re-evaluation of liver specimen slides from the female animals was performed by a pathology panel (Keenan et al, 1991). They found about two-thirds fewer tumours present in the livers of female rats than in the original report. The panel established a NOEL for hepatocellular carcinomas of 10 ng/kg bw/day. A further review of the slides (Goodman & Sauer, 1992) substantially confirmed results showing a dose-related increase in tumour incidence (hepatocellular adenomas - 2/81 control; 1/50 low-dose; 9/50 mid-dose; and 14/45 high-dose: hepatocellular carcinomas - 0/86, 0/50; 0/50 and 4/45: hepatic eosinic foci - 31/86; 23/50; 37/50 and 40/45).

In a developmental toxicity in rhesus monkeys (Schantz et al, 1992), groups of 8 female rhesus monkeys were fed a diet containing 0, 5, or 25 ppt TCDD for a total of 16.2 months, throughout the mating period, gestation, and lactation. After 7 months of exposure, the monkeys were mated with unexposed males (to a maximum of 10 matings) until conception occurred, with dosing continuing during mating, gestation and lactation. Only 1 monkey in the 25 ppt group delivered a viable offspring; this offspring was not studied behaviourally. When the offspring (3 males and 3 females per exposure group) were 8.6 months of age, they were placed in 3 peer groups of 4 monkeys and allowed to play for 1.5 hours without interference. The peer groups consisted of two TCDD-exposed monkeys and two control monkeys. Behavioural patterns (social interactions and other behaviours such as vocalisation, locomotion, self-directed behaviour, and environmental exploration) were monitored 4 days/week for 9 weeks. No overt signs of toxicity were observed in the mothers or offspring and birth weights and growth were not adversely affected by TCDD exposure. Significant alterations were observed in play behaviour, displacement, and self-directed behaviour in the TCDD-exposed offspring; they tended to initiate more rough-tumble play bouts and retreated less from play bouts than controls, were less often displaced from preferred positions in the playroom than the controls, and engaged in more self-directed behaviour than controls. No other significant alterations in behaviour or alterations in reflex development, visual exploration, locomotor activity, or fine motor control were found (Bowman et al, 1989b). In tests of cognitive function, object learning was significantly

[7] Actual bodyweight changes not provided in the Kociba et al (1978) paper.

impaired, but no effect on spatial learning was observed (Schantz & Bowman, 1989). The dietary level of 5 ppt was stated to be equivalent to an intake of 120 pg/kg bw/day.

Ten years after termination of approximately 4 years of TCDD exposure in female Rhesus monkeys [maternal animals from the Shantz et al (1992) study summarised above], Rier et al (1993) reported a dose-related increase in the incidence and severity of endometriosis, and identified a lowest observed adverse effect level (LOAEL) of 5 ppt in the diet (120 pg/kg bw/day) for moderate endometriosis.

In studies in Holzman rats, Mably et al (1992a, b) found significant decreases in daily sperm production and the amount of mature sperm stored in the cauda epididymis of rats exposed prenatally to a single dose of 2,3,7,8-TCDD on gestational day (GD) 15; in rats, day 15 corresponds to the onset of the endocrine-sensitive phase of sexual differentiation. Decreases in weights of testis, cauda epididymis, ventral prostate and seminal vesicle were observed in juvenile, pubertal, post-pubertal, and sexually mature rats prenatally exposed to TCDD on GD 15. The lowest LOAEL for these effects (decreased testis weight) was 64 ng/kg bw, identified in the Mably et al (1992c) study. The effects do not appear to result from reduced plasma androgen concentrations during the perinatal period as originally proposed and do not completely correspond with the developmental effects of known anti-androgens (Theobald et al, 2003).

Gray et al (1997a) investigated the reproductive effects of TCDD administration on GD 15 in male Long Evans Hooded rat offspring. Pregnant dams were dosed by gavage with 0, 0.05, 0.20 or 0.80 µg/kg bw TCDD in corn oil. Male offspring (10-12/group) were monitored for viability, growth, and reproductive function. Accelerated eye opening was observed in all dose groups cf. controls (50% of the animals in the low and mid-dose groups and 79% in the high-dose group). Reduced pup survival and growth retardation were observed in offspring from the high-dose group. Percentage pup survival on days 3 to 22 ranged from 82% to 93% at the high dose whilst survival in all other dose groups (including controls) was 99-100%. The most sensitive adverse effect was a 25% reduction in ejaculated sperm numbers at the lowest dose tested (0.05 µg/kg bw). The number of animals affected was not reported.

Gray et al (1997b) also investigated the effects of a single dose of TCDD on GD 15 on female offspring of Long Evans Hooded rats (18-24 pups/dose group). Delayed vaginal opening was observed in progeny from dams exposed to 0.80 µg/kg bw. The mean distance from urethral to vaginal opening was 6.8 mm in the high-dose group *vs* 11.03 mm in controls. A dose-related increase in the percentage of females with a temporary or persistent vaginal thread was observed, from 15% in control animals to 97% in the highest exposure group. The threads were permanent in 2.5% of controls, as compared to 10%, 27%, and 92% of offspring from the 0.05, 0.20 and 0.80 µg/kg bw groups respectively; at the two highest doses, the increases were statistically significant. Partial to complete clefting of the phallus was displayed in offspring at 0.20 (20% of offspring) and 0.80 µg/kg bw (75%). Other morphological changes in animals from these dose groups were increased length of the urethral slit, increased distance from the urethral opening to the tip of the phallus, and decreased distance from the urethral opening to the vaginal orifice. Time to pregnancy was delayed in female offspring from the high-dose group, although fertility rate was not affected. Histopathological changes in the ovary,

cervix, and vagina were observed in animals necropsied at 20 months of age. The investigators noted that GD 15 might not have been the most sensitive for the detection of ovarian alterations, endometrial hyperplasia, and a shortened reproductive life span.

Gehrs et al (1997) and Gehrs and Smialowicz (1999) studied the persistence of delayed-type hypersensitivity (DTH) suppression in the offspring of Fischer 344 rats exposed to TCDD by gavage at 0, 0.1, 0.3 or 1.0 µg/kg bw on GD 14. DTH suppression was determined by measuring the DTH response to bovine serum albumin in the offspring at 4 to 19 months of age. TCDD significantly suppressed the DTH response in males at up to 19 months of age. While the females' DTH response was reduced at 8, 12 and 19 months, significant suppression was observed only at 4 months of age. The lowest maternal dose of TCDD that produced DTH suppression was determined by measuring the DTH response to BSA in 4- and 14-month-old offspring of dams dosed orally with 0, 0.1, 0.3 or 1.0 µg/kg kg bw on GD14. In males, suppression was observed at a maternal dose as low as 0.1 µg/kg bw at 14 months of age, while a maternal dose of 0.3 µg/kg bw was necessary to cause suppression in the 14-month-old females. It was concluded that suppression of the DTH response associated with perinatal TCDD exposure persists through late adulthood, occurs at low maternal doses (i.e. 0.1 µg/kg bw), and is more pronounced in male than in female rats. Whilst differences in subsets of thymocytes and lymph node cells were noted between control and TCDD exposed offspring, no clear correlation was established between altered subpopulations of thymic cells and suppressed DTH responses.

The animals most sensitive to dioxin-induced adverse effects were the male offspring of Wistar rats (Faqi et al, 1998). In this study, dams received an initial loading dose of 25, 60 or 300 ng ^{14}C-TCDD/kg bw two weeks prior to mating, followed by weekly maintenance doses of 5, 12 or 60 ng/kg bw throughout mating, pregnancy and lactation. These maintenance doses were intended to prevent the maternal body burdens from declining below 20, 48 and 240 ng/kg bw, respectively, assuming an elimination half-life of three weeks for TCDD in adult rats. The study failed to demonstrate a NOEL because decreased sperm production and feminised sexual behaviour were observed in male offspring of the lowest dose group at 70-170 days of age. By reference to toxicokinetic data in pregnant rats (Hurst et al, 2000a, b), the EC Scientific Committee on Food (EC-SCF) estimated a maternal steady-state TCDD body burden of 39 ng/kg bw in dams at lowest dose, which was taken as the LOEL. The Joint Expert Committee on Food Additives (JECFA) applied linear and nonlinear curve fitting to the same data, and arrived at maternal steady-state body burden estimates of 25 and 39 ng/kg bw, respectively.

The lowest NOEL was found in a reproduction study by Ohsako et al (2001) in which Holtzman rats received a single oral dose of 0, 12.5, 50, 200 or 800 ng TCDD/kg bw on the 15th day of pregnancy (GD 15). Male offspring displayed reduced anogenital distance and androgen receptor mRNA levels in the ventral prostate, with a LOEL of 50 ng/kg bw. The NOEL was 12.5 ng/kg bw. Assuming that 60 per cent of a single gavage dose was retained in the body at GD 16, the NOEL of 12.5 ng/kg bw and the LOEL of 50 ng/kg bw would result in maternal body burdens of 7.5 and 31 ng/kg bw, respectively. By reference to toxicokinetic data in pregnant rats (Hurst et al, 2000a, b),

JECFA estimated a maternal body burden of 13–19 ng/kg bw at the NOEL, with a corresponding estimate of 51–76 ng/kg bw at the LOEL.

The above NOEL should be protective with respect to another sensitive indicator of the effects of TCDD in animals, that of tooth development. Kattainen et al (2001) examined the effects of TCDD on tooth development in three rat lines that differ in their TCDD sensitivity and *Ah* receptor structure, derived from TCDD-resistant Han/Wistar (Kuopio) and TCDD-sensitive Long-Evans (Turku/AB) rats. The main target teeth were the third molars, since their development spans from the perinatal period to about 6 weeks after birth. Pregnant dams were exposed to 30 -1000 ng/kg bw TCDD on gestation day 15. Pups were euthanised at the age of 5 or 10 weeks and the jaws examined by stereomicroscopy and radiography. TCDD at 1000 ng/kg completely prevented the development of the third lower molars in 60% of males and 50% of females in the most sensitive rat line while <6% of pups in the more resistant lines lacked this target tooth. In the most resistant strain TCDD exposure also dose-dependently diminished the proportion of lower third molars which had erupted by the age of 5 weeks. In the other more sensitive strains, less than 30% of the lower third molars had partially or completely erupted by postnatal day 35. Molar size was dose-dependently reduced in the 3 lines; the third lower molars were most severely affected, with the reduction reported to be significant at 30 ng/kg bw in one of the less-sensitive lines and at 100 ng/kg bw in the other two lines (including the most sensitive one). The same investigators studied the effects of higher TCDD doses (single dose of 50 or 1000 µg/kg bw) given to dioxin-resistant Han/Wistar rat dams one day after delivery, so that pups had post-natal exposure during lactation (Lukinmaa et al, 2001). Pup heads were analysed radiographically or histologically at postnatal days 9 and/or 22. A greater proportion of pups at the higher dose lacked third molars (at the bud stage at the start of the experiment) than those at the lower dose (9/13 *vs* 1/6). The teeth of control pups developed normally. In contrast to controls, none of the 11 experimental pups examined radiographically (6 at the higher dose and 5 at the lower) showed mineralization of their third molar cusps. Results indicate that the effects of TCDD on rat tooth development depend not only on the dose but also on tooth type and developmental stage. It was suggested that the interference by TCDD with tooth morphogenesis with the consequent arrest of development is likely to involve epithelial-mesenchymal signalling.

Studies in rats have shown that TCDD can arrest molar tooth development after *in utero* and lactational exposure, and that the sensitive stage is temporally restricted. To define the stage at which TCDD is able to arrest tooth development and the cellular background of the effect, mouse embryonic molar tooth explants including early developmental stages from initiation to late cap stage were exposed to TCDD in organ culture. Results indicated that TCDD can arrest tooth development *in vitro* if the exposure starts at the initiation stage, whereas exposure at later stages leads to smaller tooth size and deformation of cuspal morphology. It appears that TCDD interferes with tooth development by stimulating apoptosis in those cells of the dental epithelium which are predetermined to undergo apoptosis during normal development (Partanen et al, 2004).

Pregnant rhesus monkeys aged 5-7 years were given TCDD subcutaneously on day 20 of gestation at an initial dose level of 0, 30 or 300 ng/kg bw (1 ml/kg vehicle). For

maintenance of body burden, 5% of the initial dose was administered every 30 days during pregnancy and lactation, until day 90 after birth. No abnormalities were detected in the control and 30 ng/kg groups whereas more than half of the young in the 300 ng/kg group had tooth abnormalities. The upper permanent lateral incisors were most frequently affected. Of the deciduous teeth, the central incisors seemed to be most sensitive to TCDD. The permanent premolars were also frequently affected, whilst the canines and the first molars were not. These results indicate that the LOAEL body burden for induction of tooth abnormalities in rhesus monkeys is greater than 30 ng/kg bw but less than 300 ng/kg bw. On the basis of this dose-response information, the authors (Yasuda et al, 2004) concluded that the current TDI for dioxins in Japan (4 pg/kg bw/d; equivalent to 120 pg/kg bw/month) "needs no immediate modification".

2.2.1.2 Cancer

Experimental studies demonstrate that TCDD is carcinogenic in all species and strains of laboratory animals tested. It has been characterised as a multi-site carcinogen. However, short-term studies have shown a lack of direct DNA-damaging effects, indicating that TCDD is not an initiator of carcinogenesis. It appears that that TCDD is not directly genotoxic but is a potent tumour promoter (see eg. Wyde et al, 2002) and as such, can give the appearance of being a complete carcinogen. Also, the ability of TCDD to enhance proliferation and inhibit apoptotic processes in focal hepatic lesions further supports an indirect mechanism of carcinogenicity. Of the organ systems positive for TCDD-mediated carcinogenesis in rodent bioassays, a complete mechanism of action has only been proposed for thyroid follicular cell carcinogenesis, and it is considered that humans would be less sensitive than rats to the induction of this tumour type by TCDD (Teeguarden & Walker, 2003). The WHO consultation (WHO, 1996) noted that the NOEL of TCDD for hepatic adenomas in a 2-year study in rats was 1 ng/kg bw/day at which dose the body burden was 60 ng/kg bw.

At this stage, the finding that TCDD reduces the incidence of some spontaneous tumours in rodents at some sites (see above discussion of the Kociba et al, 1978 results) and the mechanism(s) by which this occurs, is not well understood.

2.2.2 Human data

2.2.2.1 Non-cancer endpoints

The incidence of adverse health effects other than cancer has been, and is being evaluated in population groups exposed to dioxins, dioxin-like and non-dioxin-like polychlorinated aromatic compounds in a variety of exposure scenarios. Epidemiological data indicate that some conditions (eg alterations in metabolic parameters and mortality from cardiovascular and non-malignant liver disease) may be increased in exposed populations compared to the unexposed referent groups. However, of the range of non-cancer health effects evaluated in exposed adult populations, many were transient and not observed when exposure ceased. Populations exposed occupationally or environmentally to TCDD have not demonstrated any significantly increased all-cause or non-cancer mortality (Bertazzi et al, 1989; Cook et al, 1986, 1987; Fingerhut et al, 1991a, b; Ott et al, 1980, 1987; Wolfe et al, 1995; Zack & Suskind, 1980). Likewise, no overall excess mortality was reported in workers exposed

to TCDD as a result of an accident which occurred on 17 November 1953 at the BASF facility in Germany (Ott & Zober, 1996; Thiess et al, 1982; Zober et al, 1990).

The most widely recognised and consistently observed effect following high dose exposure to TCDD is chloracne (ATSDR, 1998; US EPA, 1994; Pesatori et al, 2003). The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism (Ashe & Suskind, 1950; Suskind & Hertzberg, 1984). In certain instances, effects persisted for several years. Increased levels of hepatic enzymes and slight alterations in lipid profile have been reported in humans exposed to high levels of TCDD (ATSDR, 1998), although the effects were mild and often transient. Temporary enlargement of the liver has also been observed (US EPA, 1994). TCDD can cause long-term alteration in glucose metabolism (Henriksen et al, 1997; Pesatori et al, 1998) and slight changes in thyroid function (Zober et al, 1994). Effects on the respiratory system, manifested mainly as upper respiratory tract irritation, have resulted from acute high exposure to TCDD (ATSDR, 1998). Other irritant effects resulting from acute exposure include conjunctivitis with red and irritated eyes, and blepharitis[8] (US EPA, 1994). There is some suggestive evidence of toxicity to the cardiovascular system (ATSDR, 1998; Steenland et al, 1999) and limited information regarding body weight effects in humans (ATSDR, 1998). Some of these effects are discussed in more detail below.

The most severe exposure of humans to TCDD is reported to have occurred in 1997 (Geusau et al, 2001a). Two office workers in a textile research institute in Vienna were exposed to massive TCDD intoxication from an unknown source (probably from prior synthesis of 2,4,5-trichlorophenol in the facility). Inadvertent exposure, probably by oral ingestion, most likely occurred in October 1997 with the most severely affected patient reporting to a dermatology clinic in March 1998. This 30-year-old female patient was shown to have the highest blood lipid level of TCDD ever recorded in a person, 144,000 pg/g blood lipid[9], corresponding to an estimated body burden of 1.6 mg of TCDD and a dosage of 25 µg/kg body weight. This patient suffered severe, persistent and disfiguring chloracne, but other than some gastrointestinal symptoms (nausea, vomiting, epigastric pain and loss of appetite, with gastritis confirmed by gastroscopy), only a few clinical and biochemical health effects were observed over the first 2 years of follow-up. There were moderate elevations of blood lipids, leukocytosis, and anaemia, but no evidence of a primary bone marrow disorder. The persistence of leukocytosis was most likely to be due to the inflammatory skin condition and the intermittent administration of corticosteroids rather than a direct effect of TCDD. Similarly, the persistence of anaemia was most likely to be due to the skin inflammation, although a direct effect of TCDD on erythropoiesis cannot be ruled out. Lymphocyte subset analysis showed a marginal decrease in the percentage of natural killer (NK) cells but several other immunological parameters were within normal limits. Detailed investigations ruled out any disturbance of the hypothalamic-pituitary axis. Pulmonary function, neurological, psychodynamic and electrophysiological examinations were unremarkable, as were

[8] A chronic or long-term inflammation of the eyelids and eyelashes. Among the most common causes are poor eyelid hygiene; excess oil produced by the glands in the eyelids; bacterial infection; and an allergic reaction.

[9] The highest previously reported human levels of TCDD were 10,400 pg/g blood fat in an adult and 56,000 pg/g in a child, arising from the Seveso incident.

chest X-rays and abdominal ultrasound. Menstruation ceased in late autumn 1997 (the presumed time of intoxication) and secondary amenorrhoea was still present in late 2000 after she stopped using contraceptives in summer 1999. This amenorrhoea may be due to TCDD inhibition of estradiol synthesis or its cytochrome P450-mediated metabolism, or to hyperprolactinaemia which coincided with the initiation of antidepressant therapy with 5HT antagonists which are known to increase prolactin levels. The second patient, a 27-year-old woman, was also highly intoxicated with TCDD, 26,000 pg/g of blood lipid, but apart from some mild facial chloracne (cleared within a year, following treatment with topical tretinoin) and gastrointestinal symptoms, she was apparently largely unaffected. Routine laboratory and immunological parameters were within the normal range, apart from marginally elevated cholesterol and lipase, an elevated number and percentage of B lymphocytes and a decreased percentage of NK cells. Three other workers with elevated blood levels of 856, 149 and 93 pg/g blood lipids were asymptomatic. The estimated intakes for the two highly-exposed patients significantly exceed the estimated median lethal dose of dioxin (0.6 - 2.0 μg/kg bw) in guinea pigs, the most sensitive species tested. However, long-term follow-up of these patients will be necessary to assess the occurrence of chronic sequelae, including cancer.

Additional references on these two clinical cases include Geusau et al (1999), Geusau et al (2001b), Geusau et al (2002), and Abraham et at (2002).

2.2.2.2 Chloracne

As noted above, the most consistent observation following human exposure to TCDD is chloracne. Mocarelli et al. (1991) described chloracne in people from Zone A in Seveso who had serum TCDD levels ranging from 828 to 56,000 ng/kg lipid. With the exception of one person who developed less severe chloracne, all people who had lipid-adjusted TCDD levels over 12,000 ng/kg (ppt) developed severe chloracne. Several people with levels below 12,000 ppt developed less severe chloracne; the lowest reported TCDD level associated with chloracne was 828 ppt at the time of the accident. In the group that developed chloracne, >95% were under 20 years old, including the person with the lowest reported serum lipid TCDD concentration. In fact, children appear to develop chloracne at lower serum TCDD concentrations than adults (Assennato, 1989; Mocarelli et al, 1991). One reason for the observed variability with respect to the blood concentration of TCDD associated with chloracne is that some people absorbed much of their dose *via* dermal contact while others ingested the dioxin. It appears that the blood level which can produce chloracne can be much smaller if it arises from dermal contact rather than from oral ingestion. Nevertheless, it appears likely that a dose threshold needs to be overcome in order for chloracne to occur (Greene, Hays & Paustenbach, 2003). In the case of the very highly-exposed office worker in Vienna (144,000 ng/kg blood lipid; Geusau et al, 2001a; see above), the chloracne cysts were subject to recurrent deep inflammation, requiring surgical removal of comedones and treatment with methyl-prednisolone, analgesics and antibiotics. In the second highly-exposed patient (26,000 ng/kg blood lipid) there were only mild manifestations of chloracne. This was attributed to the exposure most likely being by the oral rather than the dermal route, and supporting the suggestion that, in the absence of direct skin contamination, higher systemic threshold levels may be necessary for chloracne to develop.

2.2.2.3 Diabetes etc

Data from several epidemiological studies suggest that significant exposure to TCDD increases the risk of diabetes mellitus, resulting from decreased cellular glucose uptake. Follow-up assessment of the population exposed to dioxin after the 1976 accident in Seveso, Italy, was extended to 1996. An overall increase in diabetes was reported, notably among women (RR = 2.4, 95% CI: 1.2 - 4.6) (Bertazzi et al, 2001).

In 1997, the IARC considered results on four highly exposed industrial cohorts; Steenland et al (1999) extended the follow-up period for the largest of these cohorts (5132 chemical workers at 12 US plants) by 6 years. In cohort mortality analyses, diabetes (any mention on the death certificate) showed a negative exposure-response trend.

In an attempt to reconcile disparate results from two key studies on TCDD and diabetes, data from 990 US Air Force veterans (Ranch Hand) and 1275 referents were re-analysed, as were those on a NIOSH population of 267 chemical workers and 227 referents (Steenland et al, 2001b). An increasing trend was found in prevalence of diabetes with increased TCDD exposure in the Ranch Hand population, with excess risk largely confined to the highest 8% of the exposed group (>78 ppt serum TCDD), which had an OR of 3.21 (95% CI 1.81 - 5.72) vs those with <10 ppt TCDD. However, no such positive dose-response was found in the NIOSH chemical worker population i.e. there was little overall evidence that the exposed workers were at higher risk than non-exposed workers of diabetes or abnormal fasting glucose. The reason for the difference in diabetes dose-response trends between the two studies is unknown. Furthermore, Greene and Paustenbach (2002) and Greene et al (2003) argue that, since the estimated LOAEL for diabetes in the NIOSH cohort (6 people with diabetes in the highest exposure group) is over 30-fold greater than the estimated LOAEL in the Ranch Hand cohort, it is “highly unlikely” that TCDD is a significant risk factor for diabetes.

Calvert et al (1999) conducted a cross-sectional study on 281 workers employed more than 15 years earlier in the manufacture of 2,4,5-trichlorophenol or its derivatives at two US chemical plants. Mean current serum lipid adjusted TCDD was 220 pg/g lipid in workers and 7 pg/g lipid among 260 referents. The prevalence of diabetes mellitus was not significantly different between the workers and referents and did not significantly correlate with increasing TCDD concentration. However, diabetes was found in six of 10 (60%) workers with current serum TCDD concentrations >1500 pg/g lipid. Excluding subjects being treated for diabetes, workers in the group with the highest half-life extrapolated TCDD concentrations had a significantly increased adjusted mean serum glucose concentration compared with referents, as well as a significantly higher adjusted mean free thyroxine index. These findings provide modest evidence that TCDD exposure may affect glucose metabolism and thyroid function.

Blood serum lipid concentrations of TCDD in 69 persons living within 25 miles of a Superfund site in the USA (Vertac/Hercules site, Jacksonville, Arkansas) ranged between 2 and 94 ppt. When subjects with TCDD levels in the top 10% (TCDD > 15 ppt, n = 7) were compared to subjects with lower levels (2-15 ppt, n = 62), their plasma insulin concentrations at fasting and 30, 60 and 120 min following a 75 g glucose load were significantly higher. There were no group differences in age, obesity, gender

distribution, total lipids, or glucose levels. Excluding other known risk factors for hyperinsulinaemia, the study authors suggested that high blood TCDD levels might be a factor in insulin resistance (Cranmer et al, 2000).

Longnecker and Michalek (2000) examined the association of serum TCDD with prevalence of diabetes mellitus and with levels of serum insulin and glucose in 1,197 veterans in the US Air Force Health Study who never had contact with dioxin-contaminated herbicides; their serum dioxin levels were within the range of background exposure typically seen in the USA ($\leq$10 ng/kg lipid). Compared with those whose serum dioxin level was in the first quartile (<2.8 ng/kg lipid), the multivariate-adjusted odds of diabetes among those in the highest quartile ($\geq$5.2 ng/kg lipid) was 1.71 (95% CI = 1.00-2.91). The association of background-level dioxin exposure with the prevalence of diabetes in these data may be due to reasons other than causality but a causal contribution cannot be dismissed.

Longnecker and Daniels (2001) noted that rates of both type 1 and type 2 diabetes mellitus have been increasing, with genetic factors accounting for less than half of new cases. For type 1 diabetes, higher serum levels of PCBs have been associated with increased risk but overall, the data were limited or inconsistent. With respect to risk of type 2 diabetes, data were suggestive of an association with TCDD but were inconclusive. Other researchers (eg. Greene et al, 2003; Kogevinas, 2001; Koveginas et al, 2001) have similarly concluded that the evidence for increased risk for diabetes with TCDD exposure is inconsistent.

An analysis by Remillard and Bunce (2002) estimated that background exposure to dioxin-like compounds by the reference population in a number of published epidemiology studies contributed less than 1% of their diabetes risk.

In a survey of Australian Vietnam veterans (self-reporting questionnaire), the reported prevalence of diabetes was a little higher than expected for this population (DVA, 2000). Thus, 2,391 respondents (6%) reported ‘diabetes’, with the expected general population estimate from the National Health Survey (NHS) being in the range 1,558-2,003 (for the age profile and number of respondents). ‘Diabetes’ was not defined in the questionnaire and veterans may have included a single high sugar value as diabetes - these conditions are separated in the NHS. The report concluded that a relationship between exposure during service and the disease “is difficult to confirm”. This result is perhaps not particularly surprising since it appears that all Australian veterans from the Vietnam war were surveyed i.e. those who might have been more exposed to Agent Orange during Operation Ranch Hand do not appear to have been separately identified. [Current government policy allows for treatment and compensation responses to this condition following diagnosis.]

It may be concluded that there is suggestive evidence of a weak correlation between diabetes incidence and occupational or accidental exposure to dioxins[10]. However,

[10] The issue of whether there could be a reverse correlation does not appear to have been addressed in studies to date ie could diabetics haave different metabolic/physiological characteristics which might alter their capacity to metabolise and/or excrete dioxins or PCBs?

background exposure to dioxins is not a significant risk factor for individuals who have not been occupationally or accidentally exposed.

2.2.2.4 Cardiovascular effects

In 1997, the IARC considered results on four highly exposed industrial cohorts. Steenland et al (1999) extended the follow-up period for the largest of these cohorts (5132 chemical workers at 12 US plants) by 6 years. In cohort mortality analyses, Standardised Mortality ratios (SMRs) for heart disease showed a weak increasing trend with higher exposure.

Follow-up of the population exposed to dioxin after the 1976 accident in Seveso, Italy, was extended to 1996. Chronic circulatory and respiratory diseases were moderately increased, suggesting a link with accident-related stressors and chemical exposure (Bertazzi et al, 2001).

Between 1965-1968 in the former Czechoslovakia, ca. 80 persons became ill due to occupational exposure to TCDD. Pelclova et al (2002) investigated disorders in a group of 12 of the most highly exposed subjects (mean estimated concentration at the time of exposure approx. 5000 pg/g plasma lipid). The mean TCDD level in 1996 was 256 pg/g plasma lipid (range 14-760). Hyperlipidemia, atherosclerotic plaques, increased intima-media thickness of the carotid artery cf. controls, ischaemic heart disease and degenerative changes of the ocular fundus were very common in the group. TCDD levels correlated with the highest levels of triglycerides and cholesterol found during the 35-year follow-up.

In a study on 1,224 Korean veterans who served in Vietnam and 154 non-Vietnam veterans, Kim et al (2003) reported that "service in Vietnam" resulted in an increased frequency of eczema (odds ratio = 6.54), radiculopathy[11] (OR = 3.98), diabetes (OR = 2.69), peripheral neuropathy (OR = 2.39), and hypertension (OR = 2.29), compared to non-Vietnam veterans, adjusting for potential confounders. Higher exposure to Agent Orange among the Vietnam veterans was claimed to be associated with increased frequency of ischaemic heart disease, valvular heart disease, and retinopathy.

2.2.2.5 Immune system effects

Studies in animals indicate that the immune system is a sensitive target of TCDD toxicity, with inhibition of immunoglobulin secretion and decreased resistance to bacterial, viral, and parasitic infections. However, information regarding the toxicity of TCDD to the human immune system is scant and inconsistent (ATSDR, 1998; Baccarelli et al, 2002; US EPA, 1994). Natural killer cells were increased in a population of chemical workers exposed to TCDD examined 17 years after termination of exposure (Jennings et al, 1988). A 2-year assessment of two Viennese office workers who had massive exposure to TCDD in 1997, quantitative and functional analysis of the immune system was unrevealing, apart from a decreased percentage of NK cells (Geusau et al, 2001a). Nearly 20 years after the Seveso accident, immunoglobulin and

[11] Nerve root irritation which is caused by either compression of the nerve root where it emanates from the spinal cord area, or from a stretch injury or inflammation of the nerve; can cause a shooting pain sometimes described as an electrical feeling.

complement plasma levels were measured in a random sample of the population in the most highly exposed zones (n = 62) and from surrounding non-contaminated areas (n = 58). Plasma IgG levels decreased with increasing TCDD plasma concentration whereas IgM and IgA immunoglobulins and C3 and C4 complement proteins[12] did not exhibit any consistent association with TCDD levels (Baccarelli et al, 2002). Clinical illness associated with immune system disorders has not been associated with TCDD in any cohort studied (Greene et al, 2003).

2.2.2.6 Endometriosis

Evidence shows that dioxins can increase the incidence and severity of endometriosis in monkeys and can promote the growth or survival of endometrial tissue implanted into rodents in a surgically induced model of endometriosis. However, small, hospital-based case-control studies have failed to provide compelling evidence for or against an association of environmental contaminants and endometriosis (Rier & Foster, 2002, 2003).

A population-based historical cohort study was conducted 20 years after the 1976 factory explosion in Seveso, Italy, which resulted in the highest known population exposure to TCDD (Eskenazi et al, 2002). Participants were 601 female residents of the Seveso area who were less than 30 years old in 1976 and had adequate stored sera. 19 women with endometriosis and 277 non-diseased women were identified. The relative risk ratios for women with serum TCDD levels of 20-100 ppt and >100 ppt were 1.2 [90% CI = 0.3-4.5] and 2.1 (90% CI = 0.5-8.0), respectively, relative to women with TCDD levels <20 ppt. In conclusion, a doubled but non-significant risk for endometriosis among women with serum TCDD levels of >100 ppt was reported, with no clear dose response.

A case-control study to determine the possible association between endometriosis and chronic exposure to dioxins and PCBs included 42 infertile endometriosis cases and 27 mechanically infertile controls enrolled at one of the US collaborating Centres for Reproductive Medicine between 1996-1998. Results showed no statistically significant association between levels of dioxin-like compounds and the occurrence of endometriosis in infertile women (Pauwels et al, 2001). Tsutsumi et al (2000) have reported that breast-fed infants have an unexpectedly lower incidence of endometriosis in adult life than non breast-fed infants, noting that such females have a possible greater exposure to dioxins in milk.

2.2.2.7 Reproductive and developmental effects

The majority of studies on human reproductive and developmental effects concern paternal exposure to TCDD, and have evaluated its potential toxicity long after a high exposure had occurred (IARC, 1997). Studies of the risk of spontaneous abortion involving occupational and environmental herbicide exposure have generally not found increased risks (ATSDR, 1998; IARC, 1997; Institute of Medicine, 1994; Sweeney, 1994; US EPA, 1994). Findings from studies of US Vietnam veterans suggested an

[12] Serum complement comprises a group of proteins that facilitate immunological and inflammatory responses. There are 9 major components labelled C1 through C9. The so-called complement cascade involves a series of enzymatic reactions that take place in the blood.

effect with increasing self-reported or inferred Agent Orange exposure (Institute of Medicine, 1994). However, the inconsistency with results of the occupational and environmental exposure studies and the marginal magnitude of the increased risk make these results suspect (Institute of Medicine, 1994). A study of workers in US factories producing Agent Orange did not find an association between paternal serum TCDD levels and the incidence of spontaneous abortion (Schnorr et al, 2001). Most studies of spontaneous abortion have suffered from a high level of misclassification of exposures and outcomes, small sample sizes, lack of data on TCDD levels at the time of conception, and differences in case definition. Similarly, results from human studies of developmental effects and exposure to herbicides or TCDD have, in the main, been inconclusive (ATSDR, 1998; Institute of Medicine, 1994; Sweeney, 1994; US EPA, 1994). The studies have been limited due to small sample sizes (for specific birth defects), potential biases in the findings, and uncertainties regarding the assessment of exposure. Egeland et al (1994) demonstrated that current and half-life serum dioxin levels were positively and significantly related to luteinizing and follicle stimulating hormones and inversely related to testosterone levels in male workers from the NIOSH cohort. Vietnam veterans were found to have a significantly lower sperm concentration relative to non-Vietnam veterans (CDC, 1989). The ability to produce children was not affected, and with the exception of Ranch Hand veterans, the most highly exposed military personnel, Vietnam veterans did not have increased body burdens of TCDD. No associations between TCDD exposure and hormone levels or sperm characteristics were observed among Ranch Hand veterans (Henriksen et al, 1996); however, the investigators noted that the members of this cohort were exposed to lower levels of TCDD and for shorter duration than the workers followed by Egeland et al (1994).

Considerable attention has been paid to the sex ratio of children born to populations exposed to dioxins. Children (346 girls and 328 boys) born between 1977 and 1996 to potentially exposed parents from Seveso, Italy, showing an increased probability of female births with increasing TCDD concentrations in the serum of the fathers ($p = 0.008$). Fathers exposed when they were younger than 19 years of age sired significantly more girls than boys (sex ratio 0.38; 95% CI 0.30-0.47), an effect which may persist for years after exposure. The median concentration of dioxin in fathers in this study was similar to doses that induce epididymal impairments in rats and is about 20 times the estimated average concentration of TCDD currently found in human beings in industrialised countries (Mocarelli et al, 2000). The sex ratios of live births in Japan after accidental exposure to PCBs and PCDFs in 1968 were reviewed (Yoshimura et al, 2001). Data on all births (85 live) from parents exposed from 1968 to 1977 in Fukuoka and a region of Nagasaki, were examined. The sex ratio was not significantly different from normal (0.513). However, the authors noted that further investigation, especially of offspring of those who were younger than about 19 years of age at the time of the Yusho incident, is warranted. Men who worked in US factories which produced Agent Orange were exposed to TCDD at levels hundreds of times higher than TCDD levels in the general population. Wives of TCDD-exposed chemical workers and wives of non-exposed neighbourhood referents were interviewed to determine reproductive history while paternal serum TCDD level at time of conception was estimated for each pregnancy, using serum samples taken in 1987. Although estimated TCDD levels in the exposed worker population were much higher than in other studies, this study (Schnorr et al, 2001) did not find an association between paternal serum TCDD levels and the sex

ratio of offspring. The sex ratio of children of pesticide workers who produced trichlorophenol and 2,4,5-trichlorophenoxy acetic acid from 1961 to 1988 in the city of Ufa, Bashkortostan, Russia was investigated. TCDD and other dioxins were analysed in 84 blood samples, with median TCDD toxic equivalents blood lipid values of 240 ng/kg i.e. more than 30 times higher than background levels from the region. The sex ratio in the combined cohort of 227 children from exposed workers (150 males and 48 females) was 0.40 (M/M+F), significantly lower than those for the city of Ufa and elsewhere, while the sex ratio of offspring according to maternal or paternal exposure was 0.38 and 0.51 respectively. Thus, paternal exposure was associated with the birth of more girls in this study (Ryan et al, 2002).

A recent Russian paper reports on adverse reproductive outcomes in the town of Chapaevsk (Samara Region, Russia), home to the Middle Volga chemical plant which is one of the largest environmental polluters in region. From 1967 to 1987 it produced lindane (hexachlorocyclohexane) and its derivatives. The mean frequency of spontaneous abortions for a recent seven-year period was 24.4% higher in Chapaevsk than in other towns in the Samara region. The average rate of premature labour was also significantly higher, at 45.7 per 1000 women. The frequency of newborns with low birth weight was 7.4%, slightly (but not statistically) higher than the 5.1-6.2% for Russia and most other Samara region towns. The numbers of congenital morphogenetic conditions (CMGC) were determined in 369 children born between 1990 and 1995. The average number of CMGC per child was claimed to be significantly higher than in other parts of the region. These preliminary results indicate adverse reproductive outcomes which, although the town suffers from pollution with a range of different chemicals, the authors associate with high dioxin levels in human milk and blood (Revich et al, 2001).

NIOSH scientists studied pregnancy outcomes of wives of chemical workers exposed to chemicals contaminated with TCDD. Their findings did not support any relationship between paternal TCDD exposure and spontaneous abortion or sex ratio of offspring (Schnorr et al, 2001) or lowered birth weight or pre-term delivery (Lawson et al, 2004).

2.2.2.8 Neurological and developmental cognitive effects

Neurological symptoms observed in TCDD-exposed workers include lassitude, weakness of the lower limbs, muscular pains, increased perspiration, loss of appetite, headaches, nervousness, anxiety, irritability, and loss of libido (Ashe & Suskind, 1950; Jirasek et al, 1974, 1976; Moses et al, 1984; Oliver, 1975; Pazderova-Vejlupkova et al, 1981; Suskind, 1985). In Japanese Yusho patients who ingested rice oil containing PCBs and PCDFs in 1968, some still complain of numbness of extremities (Yoshimura, 2003). Clinical and neurophysiological examinations (motor conduction velocity of the peroneal nerve, sensory conduction velocities of the sural and ulnar nerves) on 156 dioxin exposed workers (42 with, 114 without chloracne) from a pesticide-producing plant found that exposure to 2,3,7,8-polychlorinated dioxins and furans led to mild sensory neuropathy of the legs in a minority of the most severely exposed persons (Thomke et al, 1999). In veterans of Operation Ranch Hand, the unit responsible for aerial herbicide spraying in Vietnam from 1962 to 1971, there was an increased risk of indices of peripheral neuropathy in the high-exposure group at assessment in 1992 and 1997; however, the authors urged caution in interpretation of these findings until the relationship between pre-clinical diabetes mellitus and peripheral neuropathy is further

evaluated (Michalek et al, 2001). Also in veterans of Operation Ranch Hand, an analysis of cognitive function (performed in 1982) found that veterans in the fifth quintile of dioxin levels (measured in 1987 and 1992) exhibited reduced verbal memory function; although statistically significant, these differences were relatively small and of uncertain clinical significance (Barrett et al, 2001).

For children exposed *in utero*, postulated adverse health effects include subtle developmental delays and thyroid hormone alterations. Much of the focus of recent research has been on the effect of prenatal PCB exposure on cognitive and neurological development. The potential neurotoxicity of PCBs was first recognized when people in Japan (1968) and Taiwan (1978-1979) consumed rice oil contaminated with PCBs and PCDFs; offspring had poorer cognitive functioning as well as other behavioural problems. Taiwanese 'Yu-Cheng' children born up to 6 years after their mother was exposed were as affected as children born within the first year, when compared at the same ages; effects on IQ persisted up to 16 years of age, but behavioural problems diminished with time (Lai et al, 2001; Liu et al, 2001). Further studies, including on children whose mothers consumed PCB-contaminated Great Lakes fish, have produced discrepant results. Recent Dutch research reported a negative relationship between prenatal PCB exposure and intellectual functioning at 3.5 years of age, without any relationship between intellectual functioning and exposure to dioxins and dibenzofurans. Additional studies are being conducted in Europe and North America (Schantz, 2001).

In the Netherlands a prospective study was started in 1989 to investigate the effects of background PCB and dioxin exposure on the development of healthy babies born at normal term. Prenatal PCB exposure was related to lower psychomotor scores at 7 months of age, and poorer neurological condition at birth and at 18 months. Postnatal PCB and dioxin exposure through lactation was related to lower psychomotor development at 7 months (Vreugdenhil & Weisglas-Kuperus, 2000). In a follow-up of the Dutch PCB/Dioxin study, cognitive abilities were assessed in 42-month-old children. *In utero* exposure to "background" PCB concentrations was reported to be associated with poorer cognitive functioning in preschool children. Children of mothers at the upper end of exposure were at greater risk (Patandin et al, 1999a). Whilst findings suggested that prenatal exposure to PCBs and dioxins might have subtle negative effects on early neurological and cognitive development of children, a consistently beneficial effect of breast-feeding on brain development from 18 months up to school age was reported, despite a higher PCB exposure from breast milk. However, by 6 years of age, preliminary results showed no evidence that cognitive and neurological development were affected by pre- and postnatal exposure to these pollutants (Boersma et al, 2001). In the Dutch PCB/dioxin study, the assessment of school-age children suggested that subtle cognitive and motor developmental delays arising from prenatal PCB and dioxin exposure was seen when parental and home characteristics were less optimal but such effects were not measurable in children raised in more optimal environments (Vreugdenhil et al, 2002a).

In the US Collaborative Perinatal Project (CPP), designed to identify determinants of neurological deficits in children, prenatal PCB exposure in relation to children's cognitive test scores was studied. Pregnant women were recruited from 12 US study

centres from 1959 to 1966, and the children were followed until age seven. Third-trimester serum from 806 women selected at random and from an additional 96 women whose children had either a low or high IQ score was analysed for 11 specific PCBs. The data provided no support for the hypothesis that *in utero* exposure to background levels of PCBs was associated with lower IQ scores at age seven (Gray et al, 2000). Silkworth et al (2002) applied causation analysis to 24 epidemiology studies (on 2,573 children in 6 international cohorts) that sought an association between maternal PCB exposure and neurodevelopmental effects. The authors concluded that although there is biological plausibility, a causal association between the ascribed cause (PCBs) and the purported effect (impaired neurodevelopment) was without empirical support. Performance of more highly PCB-exposed breast-fed children was not diminished, but was positively correlated with duration of breast-feeding. Some negative correlations reported between neurodevelopment and PCBs were equally attributable to lead or mercury.

2.2.2.9 Tooth Development

In vivo and *in vitro* studies show that rat and mouse teeth are sensitive to TCDD throughout their development (eg. Kattainen et al, 2001; Lukinmaa et al, 2001; Partanen et al, 2004). The sequence of morphogenetic events can be affected, leading to failure of tooth germs to develop as a result of accelerated and increased apoptosis in the dental lamina connecting the oral epithelium and the tooth germ. Later exposure can reduce tooth size or, in more advanced teeth, root development can be arrested (Lukinmaa et al, 2001). TCDD can also affect the function of secretory ameloblasts and odontoblasts, resulting in delayed or defective mineralization of the molar teeth and failure of enamel and dentin formation to be completed in the continuously erupting rat incisors (Lukinmaa et al, 2001 and references therein).

In two episodes of epidemic poisoning in Japan and Taiwan (so-called Yusho and Yu-Cheng incidents, respectively), developmental effects were observed in infants and children born to mothers who had been exposed to PCDFs and PCBs (see eg. Yoshimura, 2003; Rogan et al, 1988). These included a higher incidence of natal teeth[13] and later, missing permanent teeth, delayed eruption of permanent teeth, and disturbed root development (Ikeda, 1996; Rogan et al, 1988).

Twenty-five years after the dioxin accident in Seveso, Italy, 48 subjects exposed in their childhood in more (zones A and B) or less contaminated (zone R) areas were randomly recruited for examination of dental and oral aberrations (Alaluusua et al, 2004). Subjects were matched with 65 subjects from the surrounding non-ABR zone for age, sex, and education. The prevalence of developmental enamel defects in group less than 5 years of age at the time of exposure was 42% (15/36) in zone ABR subjects and 26% (10/39) in non-ABR subjects, correlating with serum TCDD levels ($p = 0.016$). Hypodontia[14] was seen in 12.5% (6/48) and 4.6% (3/65) of zone ABR and non-ABR subjects, respectively, also correlating with serum TCDD level ($p = 0.05$). In contrast, dental caries and periodontal disease (both due to infections), oral pigmentation and salivary

[13] Natal teeth are teeth present at birth and neonatal teeth erupt during the first 30 days. Normally the lower central incisors are the first teeth to erupt at approximately 6 months of age.
[14] Congenital absence of one or more teeth.

flow rate were unrelated to exposure. Whilst the authors commented that the results supported their hypothesis that dioxins can cause dental aberrations, they noted that (1) almost one hundred different factors can affect development of dental enamel (citing Small & Murray, 1978) and (2) the results on hypodontia should be treated with caution because of the small study population and the small number with hypodontia, and that a larger study on children under 3 at the time of the accident (the most critical age for tooth agenesis) should be conducted.

A Finnish study (Alaluusua et al, 1996) looked at 2 different populations of children; the first population comprised 40 children who had mineralization defects in the permanent 1st molars, and their age, living area, and sex-matched controls. The median duration of breast feeding was 9 months in the affected children compared to 6 months in the controls. The defects were more extensive after prolonged breast feeding. The second population consisted of 97 children whose mothers had been encouraged to extensive and prolonged breast feeding (>8 months). Of these children, 24 had mineralization defects. In both populations, mineralization defects were associated with the duration of breast feeding. The result led to the conclusion that long breast feeding may increase the risk of mineralization defects in children, possibly because of environmental contaminants (not identified in this study). In a later study, Alaluusua et al (1999) examined the dentition of 102 children aged 6-7 years for the presence of hypomineralisation enamel defects, in order to correlate any effects on the permanent first molars with concentrations of the most toxic PCDDs/PCDFs and 33 PCB congeners in breast milk samples collected when the children were aged 4 weeks. Exposure was evaluated from the duration of breastfeeding (mean 10.5 months) and the concentrations in milk (assuming a yearly 25% first-order decline during lactation). Intrauterine exposure was estimated to correspond to the exposure *via* milk for two months. Mineralisation defects occurred more often and were more severe in children who had been exposed to higher amounts of polychlorinated aromatic hydrocarbons than in those exposed to lower amounts.

Holtta et al (2001) examined the prevalence of demarcated hypomineralization lesions of teeth in 2 Finnish towns by the Kymijoki River which is severely contaminated by dioxins and furans. The 4,120 permanent first molars of 1,030 children were studied and the prevailing levels of dioxins and furans in human milk were measured. Neither the prevalence of dental lesions nor the levels of PCDD/Fs in human milk were increased in riverside residents compared with figures reported earlier from other areas of Finland. The prevalence of the defects in Kotka and Anjalankoski was 14.2% and 5.6% respectively, with corresponding PCDD/F levels in breast milk of 13.4 and 10.9 I-TEQ pg/g fat. Higher levels of fluoride in the second town may have lowered the prevalence of demarcated lesions ie. it is not valid to draw correlations between the prevalence of the defects and the difference (relatively minor) in exposures to PCDD/F levels. Only in Anjalankoski was the duration of breast-feeding associated with the prevalence of the defects.

A total of 34,457 infants born in 1997-2000 in four hospitals in southern Finland were examined for natal and neonatal teeth (Alaluusua et al, 2002). Exposures to PCBs and PCDD/Fs was evaluated by measuring the 17 most toxic PCDD/Fs and 36 PCB congeners in breast milk samples when the children were 4-8 wks old. A total of 34

infants had one or two natal (29 infants) or neonatal teeth (5 infants). The milk analyses showed that the median level of PCDD/Fs was 11.9 WHO-TEQ pg/g in fat, and that of PCBs was 7.24 WHO-TEQ pg/g in fat ie. levels corresponded to the prevailing levels in Norway at the time. No association was found between pollutant levels and occurrence of natal and neonatal teeth, indicating that the prevailing levels of PCDD/Fs and PCBs are likely to be below the threshold to cause perinatal eruption of teeth.

2.2.2.10 Cancer

In 1997, the IARC considered results on four highly exposed industrial cohorts; Steenland et al (1999) extended the follow-up period for the largest of these cohorts (5132 chemical workers at 12 US plants) by 6 years. The SMR for all cancers combined was 1.13 (95% CI = 1.02-1.25), with statistically-significant positive linear trends in SMRs with increasing exposure for all cancers combined and for lung cancer. The SMR for all cancers combined for the highest exposure group was 1.60 (95% CI = 1.15-1.82). Analyses suggest that high TCDD exposure resulted in an excess of all cancers combined, without any marked specificity. However, excess cancer was limited to the highest exposed workers, with exposures that were likely to have been 100-1000 times higher than those experienced by the general population. Based on the data from the US NIOSH cohort of workers exposed to dioxin, Steenland and co-workers (Steenland et al, 2001a; Steenland & Deddens, 2003) estimated that doubling background levels of exposure (eg. by eating a significant amount of dioxin-contaminated fish) could increase lifetime risk of cancer death by ca. 0.1 to 1.0%; since the background risk of cancer death by age 75 is 12% in the USA, doubling background levels of dioxin exposure would increase this lifetime risk to somewhere between 12.1 and 13.0%.

Salvan et al (2001) performed an analysis of all cancer and lung cancer mortality in relation to estimated absorbed dose of TCDD in the NIOSH cohort of chemical workers. At a dose level of 100 times the background, their estimates obtained with a 10-year lag translated into a relative risk of 2.03 (95% CI =1.19-3.45) for all cancer and of 2.66 (95% CI = 1.07-6.64) for lung cancer.

Follow-up of the population exposed to dioxin after the 1976 accident in Seveso, Italy, was extended to 1996. During the entire observation period, all-cause and all-cancer mortality did not increase. Fifteen years after the accident, mortality among men in high-exposure zones A (804 inhabitants) and B (5,941 inhabitants) increased from all cancers (RR = 1.3, 95% CI = 1.0-1.7), rectal cancer (RR = 2.4, 95% CI = 1.2-4.6), and lung cancer (RR = 1.3, 95% CI = 1.0-1.7), with no latency-related pattern for rectal or lung cancer. An excess of lympho-haemopoietic neoplasms was found in both genders (RR = 1.7, 95% CI = 1.2-2.5). Hodgkin's disease risk was elevated in the first 10-year observation period (RR = 4.9, 95% CI: 1.5, 16.4), whereas the highest increase for non-Hodgkin's lymphoma (RR = 2.8, 95% CI = 1.1-7.0) and myeloid leukemia (RR = 3.8, 95% CI = 1.2-12.5) occurred after 15 years. No soft tissue sarcoma cases were found in these zones (0.8 expected) (Bertazzi et al, 2001).

Using data from the Seveso Women's Health Study (SWHS), Warner et al (2002) examined the association between individual serum TCDD levels and breast cancer risk. The cohort comprised 981 women who were infants to 40 years old at the time of the factory explosion in 1976, who resided in the most contaminated areas, and had

archived sera that was collected soon after the explosion. Cox proportional hazards modelling showed that the hazard ratio for breast cancer associated with a 10-fold increase in serum TCDD levels was significantly increased to 2.1 (95% CI = 1.0-4.6), leading to the conclusion that individual serum TCDD is significantly related with breast cancer incidence among women in the SWHS cohort.

Epidemiological evidence from the most highly TCDD-exposed cohorts studied produces the strongest evidence of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined. There is weaker evidence of an increased cancer risk when the data for cancers at particular sites are considered.

It is difficult to find epidemiological data that have sufficient dose-response information to provide reliable risk estimates in exposed human populations. Modelling is complicated by uncertainties in extrapolating current body burdens of dioxins to past occupational exposure and by the choice of the dose-response model to fit the data. Scientific debate about the potential human carcinogenicity of dioxin-like compounds has been ongoing for many years and recent meta-analyses (US EPA, 2000; Starr, 2001; Crump et al, 2003) from three occupationally-exposed cohorts have reached such different conclusions that the debate is certain to continue. While the potency estimate from the US EPA's analysis was stated to imply approximately 4,000 additional cancer deaths in the USA solely from background intake of dioxin-like compounds (about 1 pg TEQ/kg/day), Thomas Starr's own analysis implied zero extra cancers from all exposures to dioxin-like compounds, including those arising from dietary intake (Starr, 2003). Crump et al (2003) concluded that their analysis provided "some evidence that TEQ exposures near current background levels are carcinogenic". Further consideration of the issue by Starr (Starr, 2003) indicated that resolution of the debate would depend on detailed information about exposures to TCDD and direct-acting carcinogens in the workplace, as well as a model which adequately takes into account TCDD's characteristics as a tumour promoter. Starr was also strongly critical of extrapolations from TCDD analyses to ones based on TEQ, stating that "the evidence regarding the potential carcinogenicity of TEQ is simply inadequate".

Mackie et al (2003) have commented on the US EPA's standard low-dose linear extrapolation method for estimating dioxin cancer risk (US EPA, 2000) and the subsequent consideration by the EPA's Science Advisory Board (SAB) (US EPA, 2001a). As an alternative to the linear extrapolation model, the SAB considered a model which suggested that dioxin was a threshold carcinogen, with data suggesting that the threshold was an order of magnitude higher than exposure levels of the general population. A re-analysis of this model by Mackie et al indicates that without the inappropriate population weighting in the model considered by the SAB, the range of possible estimated thresholds is extremely wide and completely overlaps the level of general US background exposures, with the conclusion that there is no evidence for or against the proposition that dioxin is a threshold carcinogen. More standard statistical approaches (Steenland et al, 2001b; Becher et al, 1998) found no evidence of a threshold.

Yamaguchi (1999) has cautioned against relying on estimates of absolute risk from epidemiological studies in human populations, noting that estimates of cancer risk

arising from exposure to chemicals varied very significantly between eg. smokers and non-smokers.

As noted above under 'Animal data', the background incidence of certain tumours is reduced in rodents by TCDD. In this regard, Kayajanian (2002) has suggested that the NIOSH study on exposed chemical plant workers indicates a J-shaped response, with increased cancer incidence at higher exposures being preceded at lower doses by a significantly reduced incidence. Kayajanian (1999) used plant-worker mortality data which underlie the 1990 US National Institute for Occupational Safety and Health (NIOSH) report on dioxins to identify tissue/organ sites at which dioxin exposure is associated with, reductions in mortality. Observations in men included reductions in urinary organ cancers, including bladder cancers; multiple myeloma; respiratory diseases, including emphysema and pneumoconioses and other respiratory diseases; total disease other than cancer; and total disease.

Ketchum et al (1999) studied cancer prevalence and exposure to TCDD in veterans of Operation Ranch Hand, the Air Force unit responsible for the aerial spraying of herbicides in Vietnam from 1962 to 1971. The risk of cancer at sites other than the skin within 20 years of service was increased in the low (odds ratio [OR] = 3.4, 95% CI = 1.5-8.0) and high (OR 2.7, 95% CI = 0.9-8.0) TCDD exposure categories, but the pattern was inconsistent with another study, suggesting that the excess risk may not have been caused by dioxin exposure. Overall, there was no consistent evidence of a dose-response gradient and no significant increase in cancer risk in the high dioxin exposure category, the subgroup of greatest *a priori* interest.

Kayajanian's analysis of Operation Ranch Hand data (Kayajanian, 2000) suggested that significant increases in systemic, melanoma, and total skin cancers are observed in those veterans not significantly exposed to dioxin; however, amongst those Ranch Hand airmen who served in Southeast Asia, exposure to dioxins is associated with a significant reduction of elevated systemic cancers and total skin cancers. In the Operation Ranch Hand Study, a significant reduction in prostate cancers as a function of increasing dioxin body burden was reported in US veterans of African origin but not in Caucasians (Kayajanian, 2001). Zafar and Terris (2001) also evaluated the rate of prostate cancer in Vietnam veterans. Those referred for prostate biopsy who reported a history of Agent Orange exposure were compared to veterans who denied such exposure; there was no evidence of a relationship between prostate cancer incidence and Agent Orange exposure.

The Australian Government Department of Veterans' Affairs conducted a mortality study on Vietnam veterans (the "Vietnam Veterans Mortality Study") covering the period from the end of the Vietnam War until 31 December 1994 (Crane et al, 1997). The death rate from all causes for Vietnam veterans relative to other Australian males was estimated to be 0.68 (95% CI 0.63 to 0.74) for 1964-79 and 1.07 (95% CI 1.02 to 1.12) for 1980-94; these estimated SMRs take account of the known variation in death rates by age group and calendar year. The overall level of excess mortality was difficult to estimate because of the 'healthy worker effect' which would lower the death rates for some causes, and the bias in the estimation method due to the underestimation of deaths. Compared with deaths from other sites of cancer, death rates from soft tissue and other

sarcomas, non-Hodgkin's lymphoma, and Hodgkin's disease, which were suggested as being consistently associated with exposure to herbicides or dioxin, were not statistically significantly elevated. This study suggests there may be a slight excess risk of death from lung cancer and prostate cancer. The report authors noted that while this elevation may be related to some exposure that occurred during service in Vietnam, there are multiple other and more usual risk factors associated with both cancers that should also be considered. Although not hypothesised in the protocol for this study, Vietnam veterans may have been at increased risk of death from head and neck cancers between 1980-94.

2.3 Recent Assessments of Dioxins

Comprehensive risk assessments of dioxins have been performed by a number of organisations or groups in recent years including the International Agency for Research on Cancer (IARC), the US EPA, the EC Scientific Committee on Food (EC-SCF), the WHO European Centre for Environmental Health (WHO-ECEH) and the Joint Expert Committee on Food Additives (JECFA). These assessments incorporate knowledge from research on molecular biology, animal toxicity and epidemiology in exposed human populations.

2.3.1 Assessment by the International Agency for Research on Cancer

In 1997, the IARC classified TCDD as 'carcinogenic to humans' (Group 1). The IARC's decision was based primarily on evidence in four groups of highly-exposed industrial workers. IARC also took into consideration the following supporting evidence:

- there was 'sufficient evidence'[15] that TCDD was carcinogenic at several sites in experimental animals (acting *via* the cellular aryl hydrocarbon (*Ah*) receptor, which is present in and functions the same way in humans and laboratory species);
- there were studies showing that the concentrations of TCDD in tissues from rats exposed to carcinogenic dosage regimens in bioassays are similar to those found in the tissues of heavily-exposed human populations with an apparent increased risk of cancer (IARC, 1997).

Taking all of the evidence into consideration, the following overall evaluations were made by IARC (1997):

- 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) is carcinogenic to humans (Group 1).

[15] IARC usually applies the criterion of 'sufficient evidence of carcinogenicity' when a causal relationship has been established between the agent or mixture and an increased incidence of malignant neoplasms or an appropriate combination of benign and malignant neoplasms in (a) two or more species of animals or (b) in two or more independent studies in one species carried out at different times or in different laboratories or under different protocols.

- Other polychlorinated dibenzo-*p*-dioxins are not classifiable as to their carcinogenicity to humans (Group 3).
- Dibenzo-*p*-dioxin is not classifiable as to its carcinogenicity to humans (Group 3).
- Polychlorinated dibenzofurans are not classifiable as to their carcinogenicity to humans (Group 3).

The IARC noted that in these high-exposure industrial cohorts, the blood lipid levels estimated to the last time of exposure were 2000 ng/kg (mean, with levels up to 32,000 ng/kg; US cohort), 1434 ng/kg (geometric mean, range 301 - 3,683 ng/kg; Dutch cohort), 1008 ng/kg (geometric mean; German workers with severe chloracne), and up to 2252 ng/kg (Boehringer cohort, Germany). These calculated blood levels of TCDD at the time of exposure were in the same range as the estimated blood levels in the two-year rat carcinogenicity study (Kociba et al, 197; see assessment above). In rats exposed to 100 ng/kg bw/day in the diet (hepatocellular carcinomas (females) and squamous cell carcinomas of the lung (females), estimated blood lipid TCDD levels were 5,000 - 10,000 ng/kg TCDD. At 10 ng/kg bw/day (the NOEL for hepatocellular carcinomas, but with an increased incidence of hepatocellular nodules), estimated blood lipid TCDD levels were 1,500 -2,000 ng/kg TCDD. At the lowest dose (1 ng/kg bw/day) at which no toxicological effects were reported, the mean blood lipid TCDD level was 540 ng/kg. Thus, the workers in the industrial cohorts studied were likely to have been exposed to TCDD levels similar to those in the experimental animal studies, levels which were 100–1000 times higher than those experienced by the general population.

2.3.2 Assessment by the ATSDR

While the Agency for Toxic Substances and Disease Registry (ATSDR) of the Public Health Service of the US Department of Health and Human Services is not an 'international' organisation, its 1998 review of dioxins is one of the most comprehensive reviews of the subject produced to date.

The ATSDR (1998) estimated a Minimal Risk Level (MRL)[16] of 1 pg TEQ/kg bw/day for chronic oral exposure to TCDD, based on developmental toxicity in monkeys (Schantz et al, 1992). This study is presented in more detail under 'Animal data' (see above). Relative to controls, significant alterations in play behaviour, displacement, and self-directed behaviour were observed in offspring of dams exposed to 5 ppt TCDD in the diet, corresponding to a daily intake of 120 pg/kg bw. Offspring behaviour was studied from 8.6 months of age for a period of 9 weeks. An uncertainty factor of 90 was used (3 for the use of a marginal LOAEL, 3 for extrapolation from animals to humans, and 10 for human variability) to derive the MRL. (Note that body burden was not used

[16] Minimal Risk Level (MRL): An estimate of daily human exposure to a hazardous substance that is likely to be without an appreciable risk of adverse non-cancer health effects over a specified route and duration of exposure. MRLs are derived using the NOAEL/LOAEL plus safety factor approach. MRLs established by the ATSDR are generally based on the most sensitive endpoint considered to be of relevance to humans. This should not be confused with Maximum Residue Limit, a control level for pesticide residues in agricultural commodities.

to scale across species in the derivation of the MRL, as compared to eg. the WHO derivation of the TDI.)

The ATSDR also derived an MRL of 0.0002 µg/kg/day (200 pg/kg/day) for acute-duration oral exposure (14 days or less) to TCDD, based on a NOAEL of 5 ng/kg and a LOAEL of 10 ng/kg for immunological effects in female B6C3F1 mice (Burleson et al, 1996); statistically significant increases in mortality were observed in influenza A infected mice exposed to 10, 50 and 100 ng/kg TCDD. An uncertainty factor of 30 (3 for extrapolation from animals to humans and 10 for human variability) and modifying factor of 0.7 (to account for the higher bioavailability of TCDD from an oil gavage vehicle than from food) were used to derive the MRL from the NOAEL. Similarly, an MRL of 0.00002 µg/kg/day (20 pg/kg/day) was derived for intermediate-duration oral exposure (15–364 days) to TCDD, based on a NOAEL of 0.7 ng/kg/day for immunological effects (decreased thymus weights) in Hartley guinea pigs fed TCDD in the diet for 90 days (DeCaprio et al, 1986). The LOAEL for this effect was 5 ng/kg/day. An uncertainty factor of 30 (3 for interspecies extrapolation and 10 for human variability) was used.

The ATSDR concluded that the available epidemiology data suggest that 2,3,7,8-TCDD may be a human carcinogen. Statistically significant increases in risks for all cancers were found in highly exposed workers with longer latency periods. Although the estimated SMRs were low, they were consistent across studies with the highest exposures. The evidence for site-specific cancers is weaker, with some data suggesting a possible relationship between soft-tissue sarcoma, non-Hodgkin's lymphoma, or respiratory cancer with 2,3,7,8-TCDD exposure. The ATSDR emphasised that some of the human studies did not provide adequate exposure data and were confounded by concomitant exposure to other chemicals.

2.3.3 Re-assessment by the US EPA

In April 1991, the US EPA announced that it would conduct a scientific re-assessment of the potential risks posed by exposure to dioxins and related compounds, as a follow-up to their initial assessment, first released as a draft in 1984 (US EPA, 1984a).

The principal finding of their draft re-assessment (US EPA, 2000) was that although dioxins can initiate biochemical and biological events potentially leading to a range of cancer types and non-cancer effects in animals and humans, *'there is currently no clear indication of increased disease in the general population attributable to dioxin-like compounds*'. However, the US EPA stated that the lack of a clear indication of disease could not be taken as evidence that dioxins were having no effect. The report suggested that current data and scientific tools might not be able to detect effects. The EPA did not recommend a reference dose[17] (RfD) for dioxins, reasoning that any RfD estimated using the traditional approach for setting such values, would probably be 100–1000 times below current human intakes and body burdens. Hence, the EPA review did not

[17] An RfD is a health risk goal below which there is likely to be no appreciable risk of non-cancer effects over a lifetime of exposure. The RfD concept is ostensibly equivalent to an acceptable daily intake (ADI) or tolerable daily intake (TDI).

produce an exposure standard for humans that could be considered for adoption by Australia.

In 2000/2001 the Science Advisory Board panel reviewing the draft questioned the EPA's quantitative cancer risk estimates, stating that it was not appropriate for EPA to characterise the risks in such a quantitative manner without providing a similar quantitative estimate of the uncertainty in the risk estimates; the Board was not able to reach consensus on a single value for a dioxin cancer potency factor. The panel also considered that it would be useful to have estimates of non-cancer risk from low-dose exposures, but accepted that the database currently did not allow for such estimates to be reliably developed at present (Paustenbach, 2002). It is interesting to note that the majority of the SAB panel recommended that an RfD should be derived, stating that the non-cancer hazard appeared to be the most sensitive adverse effect, rather than the cancer hazard. [A summary of the 2001 Science Advisory Board report is given in Paustenbach (2002).]

As at the time of preparing this hazard assessment overview, the US EPA is yet to release its final risk assessment on dioxins. The US EPA's Science Advisory Board's (SAB) Dioxin Reassessment Review Subcommittee (DRRS) of the SAB Executive Committee met between November 2000 and April 2001 to review sections of the EPA draft EPA document. The DRRS considered that, notwithstanding the fact that it was critical for the EPA to carefully consider current data and modelling gaps and to develop a research plan to remedy them, additional research was unlikely to bridge many of these gaps in the foreseeable future. Therefore it recommended that the EPA proceed expeditiously to complete and release its risk assessment, taking appropriate note of the findings and recommendations of the DRRS report and other public comments. Further, recognising the very long biological and environmental persistence of dioxins, the DRRS stated that it was important that EPA continue to try to limit emissions (and human exposure) to this class of chemicals. On 31 May 2001 the SAB forwarded its final review report to the EPA. A revised draft dioxin reassessment was then transmitted to the Interagency Working Group on Dioxin (IWG) on 17 January 2003; the IWG is made up of American government agencies responsible for human health, food, and the environment and which are working together under the auspices of the National Science and Technology Council to ensure a coordinated government approach to dioxin related issues. On 29 October 2003 the IWG officially requested that the National Academy of Sciences (NAS) re-review the draft dioxin reassessment. This NAS review is expected to take approximately 15 months[18].

2.3.4 Assessment by the WHO-ECEH Consultation (1998)

The WHO European Centre for Environmental Health (WHO-ECEH) has been coordinating a program on dioxins, in collaboration with the IPCS. The program is aimed at evaluating the possible health risks, and prevention and control of environmental exposure of the general population to these chemicals. WHO-ECEH and IPCS jointly organised a consultation entitled *Assessment of the health risk of dioxins: re-evaluation of the Tolerable Daily Intake (TDI)*. The meeting was held in May 1998

[18] The EPA plans to make available on its website the version of the dioxin reassessment that is undergoing NAS review.

in Geneva, and was attended by 40 experts from Australia[19], Belgium, Canada, Denmark, Finland, Germany, Italy, Japan, The Netherlands, New Zealand, Spain, Sweden, the United Kingdom and the United States (WHO, 1998; Van Leeuwen et al, 2000).

2.3.4.1 Conclusions from the WHO Consultation

In assessing the risk from dioxin-like compounds, the consultation focused on the most sensitive adverse effects (hormonal, reproductive and developmental effects) that are observed at low doses in animal studies. These effects occur at body burdens in rats and monkeys in the range of 10–50 ng/kg bw.

Human daily intakes that would lead to body burdens similar to those associated with adverse effects in animals were estimated to be in the range of 10-40 pg/kg bw/day. Since body burdens were used to scale doses across species, the consultation concluded that it was not necessary to use an uncertainty factor to account for toxicokinetic differences between species. However, the estimated human intake was based on LOELs and not on NOELs. In addition, uncertainty remains regarding potential differences in susceptibilities within the human population, the comparative susceptibility of humans and animals, and the half-lives of elimination for the different components of a mixture of dioxins and PCBs vary significantly. To account for these uncertainties, the consultation recommended a composite uncertainty factor of 10.

Based on the range of estimated daily human intakes (10-40 pg/kg bw) that would lead to body burdens similar to those associated with the most sensitive adverse effects in animal studies, and applying an uncertainty factor of 10, a TDI range of 1-4 pg TEQs/kg body weight was established.

The consultation recognised that subtle adverse effects might already be occurring in the general population in some countries at current background levels of exposure to dioxins and dioxin-like compounds. Therefore, it recommended that every effort should be made to reduce exposure to the lower end of this range.

2.3.5 Assessment by the EC-SCF meeting (2001)

The EC-SCF is responsible for advising the EC on scientific and technical questions concerning the safety of food, and its advice is used as a basis for EC rules on consumer health and food safety, toxicology and hygiene in the food production chain. In 2000 and 2001, the EC Scientific Committee on Food (EC-SCF) also assessed the risk of dioxins (EC Scientific Committee on Food, 2000; 2001). It used as its starting point the WHO 1998 evaluation (see Section 2.3.4).

2.3.5.1 Conclusions from the EC-SCF

The EC-SCF based their updated risk assessment on the LOEL for reproductive toxicity in male offspring of pregnant rats from the study by Faqi et al (1998), rather than the rat and monkey studies used by the WHO. An estimated human daily intake (EHDI) of 20

[19] The Australian participant was Professor Michael Moore, National Research Centre for Environmental Toxicology (NRCET), Brisbane.

pg/kg bw/d was calculated from the estimated steady state TCDD body burden in the rat dams at the LOEL of 25 ng/kg bw. When choosing an appropriate safety factor for deriving a TDI, an uncertainty factor accounting for interspecies variation was not considered necessary because the NOEL and LOEL were expressed in terms of body burden, thereby scaling doses from animals to humans. The committee also concluded that no uncertainty factor was required to account for differences within or between species in toxicodynamics (eg. *Ah* receptor binding affinity and enzyme induction). The ultimate safety factor consisted of an uncertainty factor of 3.2 to account for variation between individuals in human toxicokinetics (i.e. differences in absorption, accumulation, metabolism and excretion), and an additional factor of 3 because a LOEL rather than a NOEL was used. Thus, the safety factor was 9.6 (i.e. 3×3.2). Application of this 9.6-fold safety factor to the EHDI of 20 pg/kg bw yielded a TDI of 2 pg/kg bw/day. Due to the long half-lives of TCDD and related compounds in the human body, this figure was converted to a TWI of 14 pg/kg bw. In order to extend this TWI to include all 2,3,7,8-substituted PCDDs and PCDFs and the dioxin-like PCBs, the EC-SCF established a group TWI of 14 pg WHO TEQs/kg bw for these compounds.

The EC-SCF stressed that:

> *'given the average dietary intakes of dioxins and dioxin-like PCBs in the European countries of 1.2–3.0 pg/kg bw/d, a considerable proportion of the European population would still exceed the TWI derived by the Committee.'*

The EC-SCF noted that the most sensitive endpoints in animal studies were developmental and reproductive effects in rats and monkeys and endometriosis in monkeys and that the TWI they established would adequately protect against the carcinogenic effects of TCDD which require substantially higher body burdens and for which a threshold approach is applicable due to its non-genotoxic nature.

In the rat carcinogenicity study (Kociba et al, 1978) the LOAEL for liver tumours was taken as 10 ng/kg bw/day, corresponding to a body burden of 294 ng TCDD/kg bw. In order for humans to obtain a similar steady-state body burden, a daily intake of 150 pg/kg bw would be needed. The EC-SCF also concluded that rats were more sensitive than humans to the carcinogenic effects of TCDD (based on a body-burden comparison), albeit within less than one order of magnitude.

The Committee emphasised that it did not perform a quantitative risk assessment of the health risk associated with exposure to dioxins and dioxin-like PCBs because "the available data on high dose animal studies and studies of human occupational and accidental exposures cannot be extrapolated quantitatively with any confidence down to values corresponding to the background exposures of the general population". It further noted that the TWI is not a lower bound of toxicity, it is an estimate of a safe level of intake and is derived conservatively using uncertainty factors applied to NOAELs or LOAELs. Thus, slight exceedance of the TWI does not mean that there is an appreciable risk to health of individuals, but that exposure above this level leads to an erosion of the protection embedded in the TWI.

2.3.6 Assessment by the FAO/WHO 57th JECFA meeting (2001)

The Joint FAO/WHO Expert Committee on Food Additives (JECFA) evaluated dioxins at its 57th meeting in Rome, in June 2001 (FAO/WHO, 2001)[20]. JEFCA serves as the scientific advisory body to the Codex Alimentarius Commission (CAC) on matters relating to food additives, contaminants, and residues of veterinary drugs in food. The CAC sets international food standards aimed at protecting the health of consumers and facilitating international trade in foods.

2.3.6.1 Conclusions from the JECFA

The JECFA meeting concluded that a tolerable intake for TCDD could be established, based on reproductive effects in the male offspring of TCDD-treated rat dams. For assessment of tolerable intake, JECFA chose the LOEL established in the study of Faqi et al (1998) and the NOEL provided by the study of Ohsako et al (2001). Two different models were used to estimate the equivalent maternal body burden with long-term dosing: a model that assumed a linear relationship between maternal and foetal body burden, and a nonlinear model (see Table 2-6). After compensating for the background body burden of PCDDs and PCDFs found in untreated rats, JECFA derived estimated human monthly intakes (EHMIs) of 237 and 330 pg TEF/kg bw, using the linear and nonlinear models, respectively, from the study by Ohsako et al (2001). The corresponding EHMI values derived from the study by Faqi et al (1998) were 423 and 630 pg TEF/kg bw.

The committee then derived safety factors to apply to the EHMI values. In common with the 1998 WHO consultation, JECFA considered that the use of body burdens to scale doses from animals to humans removed the need to account for interspecies differences. To account for differences between individuals in human toxicokinetics, a safety factor of 3.2 was applied to the EHMIs associated with the NOEL identified by Ohsako et al (2001). No additional safety factor was applied to account for differences in human toxicodynamics. A larger safety factor was applied to the EHMI associated with the LOEL identified by Faqi and co-workers. JECFA considered that use of a LOEL warranted an additional safety factor of 3, leading to an overall safety factor of (3 x 3.2) = 9.6. The four resulting provisional tolerable monthly intake (PTMI) values ranged from 44 to 103 pg/kg bw/month.

Table 2-2 JECFA derivation of provisional tolerable monthly intake values from reproductive toxicity in rats

Study	Linear model		Nonlinear model	
	Ohsako et al (2001)	Faqi et al (1998)	Ohsako et al (2001)	Faqi et al (1998)
End point (in male offspring of treated dams)	NOEL (decreased anogenital distance at higher doses)	LOEL (decreased sperm production, sexual feminisation)	NOEL (decreased anogenital distance at higher doses)	LOEL (decreased sperm production, sexual feminisation)

[20] The Australian delegate to the 57th meeting of the JECFA was Dr Peter Abbott, Food Standards Australia New Zealand (FSANZ), Canberra, ACT

Study	Linear model		Nonlinear model	
	Ohsako et al (2001)	Faqi et al (1998)	Ohsako et al (2001)	Faqi et al (1998)
Maternal TCDD body burden (ng/kg bw)	7.6	25	7.6	25
Equivalent maternal body burden with long-term dosing (ng/kg bw)	13	25	19	39
Background body burden (ng/kg bw)	3	3	3	3
Total body burden (ng/kg bw)	16	28	22	42
Equivalent EHMI (pg/kg bw/mo)	237	423	330	630
Safety factor	3.2	9.6	3.2	9.6
Derived PTMI value (pg/kg bw/mo)	74	44	103	66

Taking the mid-point of the range, JECFA chose a PTMI for PCDDs, PCDFs and coplanar compounds of 70 pg TEF/kg bw/month. JECFA was satisfied that establishment of a tolerable intake based on non-cancer effects would also address any carcinogenic risk. The committee noted that in a long-term study in rats in which the incidence of liver tumours was increased over that in controls, the LOEL of 10 ng/kg bw/day corresponded to a steady-state body burden of 290 ng/kg bw/day; in order for humans to attain a similar steady-state body burden, they would have to have a daily intake of 150 pg/kg bw. Although the excess cancer risk at the highest exposures in human epidemiology studies was statistically significant, the JECFA commented that these results needed to be evaluated with caution as the overall risks were not high and the strongest evidence was for industrial populations with exposures two to three orders of magnitude greater than that of the general population, and also with heavy exposure to other chemicals. Furthermore, lifestyle factors such as smoking were not evaluated. It was noted, *inter alia*, that there were few precedents of carcinogens that increase the risk for cancer at all sites combined, with no excess risk for any specific tumour predominating. A "benchmark dose" was calculated from the effective dose estimated to result in a 1% increase in cancer mortality (ED01), on the basis of a meta-analysis of data for three industrial cohorts with well-documented exposure. However, the ED01 differed quite widely and depended strongly on the assumptions made. Furthermore, a number of uncertainties would influence the predicted ED01, including the exact exposure of the occupational cohorts and, to a lesser extent, the effects of factors not considered.

The Committee concluded that a tolerable intake could be established for TCDD on the basis of the assumption that there is a threshold for all effects, including cancer. Carcinogenicity due to TCDD was not linked to mutagenicity or DNA binding, and it occurred at higher body burdens in animals than other toxic effects. Thus the Committee concluded that the establishment of a tolerable intake based on effects other than cancer would also address any carcinogenic risk.

The JECFA report stated that:

'*the PTMI is not a limit of toxicity and does not represent a boundary between safe intake and intake associated with a significant increase in body burden or risk. Long-term intakes slightly above the PTMI would not necessarily result in adverse health effects but would erode the safety factor built into calculations of the PTMI. It is not possible given our current knowledge to define the magnitude and duration of excess intake that would be associated with adverse health effects.'*

The report also indicated that '*despite the uncertainties, the results suggest that a considerable fraction of the population will have a long-term mean intake above the PTMI'*.
In view of the long half-lives of PCDDs, PCDFs and PCBs, the committee concluded that it would not be appropriate to establish an acute reference dose for these compounds.

2.3.7 Other Published Assessments

2.3.7.1 Exponent, USA

A published study by Exponent, a major independent US consulting firm (Greene et al, 2003; Greene & Paustenbach, 2002) reviewed published studies involving laboratory animals and humans which addressed non-cancer effects. The analysis confirmed that developmental toxicity was the most sensitive effect of TCDD consistently seen in mice and rats; a NOAEL of 13 ng/kg (maternal body burden) was identified as the most pertinent for deriving a reference dose (RfD) for humans. Using this NOAEL and assuming 50% bioavailability, the equivalent human body burden is achieved with a daily dose of approximately 7 pg/kg bw/day. The authors noted that the use of body burden rather than dose, and the fact that male rat foetuses were the most susceptible population, it was appropriate to use safety factors of 1 for both inter-individual variation and sensitive subpopulations.

In humans, the most consistent adverse effect is chloracne. From Seveso chloracne data (see above under 'Chloracne'), the peak body burden of an affected child with the lowest serum TCDD concentration was 828 ng/kg lipid adjusted, or 207 ng/kg body burden - assuming 25% lipid). Using a safety factor of 10 (for conversion from a LOAEL to a NOAEL), Greene and Paustenbach calculated an absorbed RfD of 5 pg/kg/day; assuming 50% bioavailability, this equates to 10 pg/kg bw/day as a dose safe for the development of chloracne, even in children. The true value of the dose which could cause chloracne is likely to be significantly higher because the chloracne may well have been caused by the localised concentrations of TCDD on the skin rather than the systemic body burden. Alternatively, the lower 95th percentile confidence level for the mean peak TCDD serum concentration for people with chloracne (9,729 ng/kg lipid or 2,432 ng/kg body weight – assuming 25% lipid) could be used to develop an RfD. With a safety factor of 10 to account for inter-individual variation and a further 10 to account for sensitive subpopulations, Greene and Paustenbach estimated that an RfD of 6 pg absorbed/kg/day would not cause chloracne. Assuming 50% bioavailability, this also equates to an RfD of approximately 10 pg/kg bw/day.

The authors concluded that an RfD of 5–10 pg/kg bw/day, based on chloracne in children and developmental effects in foetal rats, should be a conservative health intake value and would indicate that current consumption levels are unlikely to pose an adverse health risk in the general population. However, due to the uncertainty in our knowledge and the less-than-perfect nature of epidemiology studies, it is important to strongly support the continued reduction in emissions of TCDD and other dioxin-like compounds to the environment.

2.4 National Exposure Standards for Dioxins

A number of national regulatory agencies have established human exposure standards for dioxins, generally referred to as tolerable daily or weekly intakes.

2.4.1 Japan

Following the same principles as the WHO 1998 re-evaluation of TDI (WHO, 1998), a joint committee from the Japanese Environment Agency and the Ministry of Health and Welfare considered the establishment of a TDI for PCDD/Fs and dioxin-like PCBs (Environment Agency and Ministry of Health and Welfare, 1999; Ohno, 2001). From the data of Gehrs et al (1997) and Gray et al (1997b), they concluded that a level of approximately 86 ng/kg is the lowest maternal body burden value just below or above which effects are manifested, including female genital anomalies that were considered to be significant as a toxic endpoint. The committee noted that in some toxicity studies, effects had been observed at lower body burdens, but when dose-dependency, reliability, reproducibility and the toxicological significance of the tests were considered, they were thought to be inadequate to use as indices for human health effects; these included the studies on endometriosis (Rier et al, 1993), reduced learning ability in offspring of monkeys (Schantz & Bowman, 1989), and decreased sperm counts in offspring of rats (Gray et al, 1997a). (This latter study drove the lower limit of 1 pg TEQ/kg bw/day of the WHO TDI range of 1–4 pg TEQ/kg bw/day.) For a maternal body burden of 86 ng/kg, an estimated human daily intake of 43.6 pg TEQ/kg bw/day was derived, and, by using an uncertainty factor of 10 (as per WHO, 1998), a provisional TDI of 4 pg TEQ/kg bw/day was derived.

2.4.2 New Zealand

In the February 2001 report to the New Zealand Ministry for the Environment, *Evaluation of the toxicity of dioxins and dioxin-like PCBs: A health risk appraisal for the New Zealand population* (Smith & Lopipero, 2001), New Zealand intakes of dioxins and dioxin-like compounds were compared with the TDI target value established by the WHO (WHO, 1998) and the Minimal Risk Level (MRL) set by the ATSDR (ATSDR, 1998) of 1 pg TEQ/kg bw/day. However, one of the recommendations of this report was that "identifying a tolerable daily intake [for New Zealanders] is not recommended".

2.4.3 The Netherlands

The exposure limit derived by the Health Council of the Netherlands (1996) is the same as the lower end of the TDI range derived by the WHO (1998) of 1–4 pg WHO-TEQ/kg bw/day. The Council's Committee on the Risk Evaluation of Substances considered that studies on Rhesus monkeys that reported objective recognition effects (Bowman et al,

1989a), endometriosis (Rier et al, 1993), and prenatal death (Bowman et al, 1989b), and a study in Marmoset monkeys that reported a change in lymphocytes (Neubert et al, 1992) were the most relevant for the derivation of a health-based criterion. From these, a LOAEL of 0.1 ng/kg bw/day was determined, and considered to be equivalent to a NOAEL of 0.05 ng/kg bw/day. Safety factors of 5 (for interspecies variation between monkeys and humans) and 10 (for differences in sensitivities between humans) were applied to give an exposure limit of 1 pg/kg bw/day; the Committee considered that this limit should be applicable to the intake of mixtures of PCDD/Fs and dioxin-like PCBs, expressed as total TEQ. The Netherlands supports the objective of the European Commission's Strategy for Dioxins to reduce human intake levels to below 14 pg WHO-TEQ/kg bw per week (ie. the TWI recommended by the EC-SCF); this strategy was agreed by the European Council of Ministers in December 2001 (COM, 2001).

2.4.4 United Kingdom

The TDI of 10 pg TCDD/kg bw/day recommended by the WHO Expert Group in 1990 (WHO, 1991) was endorsed by the UK Department of Health's Committee on the Toxicity of Chemicals in Food, Consumer Products, and the Environment (COT) (MAFF, 1992) on the basis of carcinogenicity, and reproductive and development effects. Subsequently, the COT recommended that the TDI could be regarded as 10 pg TEQ/kg bw/day based on the combined intakes of PCDD/Fs and dioxin-like PCBs (COT, 1997). In 2001 the COT produced a detailed review on dioxins and dioxin-like PCBs (COT, 2001). The Committee concluded that the available human data did not provide a sufficiently rigorous basis for establishment of a tolerable intake, so it was necessary to base its evaluation on data from studies conducted in experimental animals. It concluded that the most sensitive end-point was the effects on the developing reproductive systems of male rat foetuses exposed *in utero*. Based on this, the COT recommended that the TDI for dioxins and dioxin-like PCBs be reduced from 10 to 2 pg WHO-TEQ per kg bodyweight. This is in line with the recommendations of other bodies such as the European Commission's Scientific Committee on Food and the Joint FAO/WHO Expert Committee on Food Additives.

2.5 Hazard Summary and Discussion

This hazard assessment has reviewed some of the large amount of data on the toxicology and epidemiology of dioxin-like compounds, and summarises recent hazard assessments made by international organisations and several national agencies. Reviews of experimental data by a range of national and international agencies indicate that endocrine and reproductive effects should be among the most sensitive effects in both animals and humans.

Adverse effects reported in animals following exposure to dioxins include immunotoxicity, endometriosis in Rhesus monkeys, developmental behavioural effects in offspring of treated Rhesus monkeys, and developmental effects in rats (including reproductive toxicity in males and urogenital malformations in females). The animals most sensitive to dioxin-induced adverse effects were the male offspring of treated rats. In a study by Faqi et al (1998), dams received a loading dose of 25, 60 or 300 ng 14C-TCDD/kg bw two weeks prior to mating, followed by weekly doses of 5, 12 or 60 ng/kg bw throughout mating, pregnancy and lactation. Decreased sperm production and feminised sexual behaviour were observed in male offspring at the lowest dose, which was taken as the LOEL. The Joint Expert Committee on Food Additives (JECFA) applied linear and nonlinear curve fitting techniques to derive maternal steady-state body burden estimates of 25 and 39 ng/kg bw, respectively, at this LOEL. The lowest NOEL was found in a reproduction study by Ohsako et al (2001) in which Holtzman rats received a single oral dose of 0, 12.5, 50, 200 or 800 ng TCDD/kg bw on the 15th day of pregnancy. Male offspring displayed reduced anogenital distance and androgen receptor mRNA levels in the ventral prostate, with a LOEL of 50 ng/kg bw and a NOEL of 12.5 ng/kg bw. By reference to toxicokinetic data, JECFA estimated a maternal body burden of 13–19 ng/kg bw at the NOEL and 51–76 ng/kg bw at the LOEL.

In humans, the most widely recognised and consistently observed effect following high dose exposure to TCDD is chloracne. The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism. Increased levels of hepatic enzymes and slight alterations in lipid profile have been reported in humans exposed to high levels of TCDD, although the effects were mild and often transient. Temporary enlargement of the liver has also been observed.

TCDD can cause long-term alteration in glucose metabolism and slight changes in thyroid function. Evidence is suggestive of a weak correlation between diabetes incidence and occupational or accidental exposure to dioxins; however, background exposure to dioxins is not a significant risk factor for individuals who have not been occupationally or accidentally exposed.

Effects on the respiratory system, manifested mainly as upper respiratory tract irritation, have resulted from acute high exposure to TCDD. Other irritant effects resulting from acute exposure include conjunctivitis with red and irritated eyes, and blepharitis.

Clinical illness associated with immune system disorders does not appear to have been associated with TCDD in any cohort studied.

There is some suggestive evidence of toxicity to the cardiovascular system. Some studies report that higher exposure to dioxins is associated with hyperlipidemia and increased frequency of ischaemic heart disease, valvular heart disease, and retinopathy.

While dioxins can increase the incidence and severity of endometriosis in monkeys, epidemiology studies and small, hospital-based case-control studies have failed to provide compelling evidence for or against an association of environmental contaminants and endometriosis in humans.

Results from human studies of developmental effects and exposure to TCDD have generally been inconclusive. Studies of the risk of spontaneous abortion involving occupational and environmental herbicide exposure have generally not found increased risks. Several studies indicate that paternal exposure to dioxins may be associated with the birth of more girls than boys; however, the median concentration of dioxin in fathers in a study on a Seveso cohort was about 20 times the estimated average concentration of TCDD currently found in human beings in industrialised countries.

The potential neurotoxicity of PCBs was first recognised when people in Japan (1968) and Taiwan (1978-1979) consumed rice oil contaminated with PCBs and PCDFs; offspring had poorer cognitive functioning as well as other behavioural problems. In the recent Dutch PCB/dioxin study, assessment of school-age children suggested that subtle cognitive and motor developmental delays arising from prenatal PCB and dioxin exposure were seen when parental and home characteristics were less optimal but such effects were not measurable in children raised in more optimal environments. Nevertheless, findings on studies on children exposed to near background levels of PCBs and dioxins are controversial; the application of causation analysis to 24 epidemiology studies that sought an association between maternal PCB exposure and neurodevelopmental effects led to the conclusion that although there is biological plausibility, a causal association was without empirical support. A US study indicated that performance of more highly PCB-exposed breast-fed children was not diminished but was positively correlated with duration of breast-feeding.

Recently data has been collected from animal and human studies which raise concerns that teeth development may be a sensitive target for dioxin toxicity. Dental hard tissues (ie. enamel and the dentin) are not remodelled once they have been formed and hence disturbances in the function of the enamel-forming ameloblasts and the dentin-forming odontoblasts are permanent in nature and thus amenable to investigation. Whilst there is evidence of effects on tooth development arising from significant exposures to dioxin-like compounds in animal studies and humans (Yusho, Yu-Cheng and Seveso incidents), recent results from Finnish studies are not so clear cut with respect to population exposures to general ‘background’ levels. Certainly, prevailing levels of PCDD/Fs and PCBs in Finland appear to be below the threshold to cause perinatal eruption of teeth. A firm conclusion on whether hypodontia and mineralisation defects are associated with pre- and/or perinatal exposure to dioxin-like compounds would appear to require further studies involving larger numbers of children.

Of the range of non-cancer health effects evaluated in exposed adult populations, some appear to be transient and not observed when exposure ceased, whereas other effects persist for some years. Overall, epidemiology studies on populations exposed occupationally or environmentally to TCDD have not demonstrated any significantly increased all-cause or non-cancer mortality.

Epidemiological evidence from the most highly TCDD-exposed cohorts studied produces the strongest evidence of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined. There is weaker evidence of an increased cancer risk when the data for cancers at particular sites are considered. In specific cohorts, excess risks were observed for reproductive cancers (female breast, endometrium, male breast, testis) but, overall, the pattern is inconsistent. The relative risk estimates are generally low, they are relatively consistent across studies with the highest exposures. While they are not likely to be explained by confounding, this possibility cannot be excluded.

It is difficult to find epidemiological data that have sufficient dose-response information to provide reliable risk estimates for cancer in exposed human populations. Modelling is complicated by uncertainties in extrapolating current body burdens of dioxins to past occupational exposure and by the choice of the dose-response model to fit the data. Scientific debate about the potential human carcinogenicity of dioxin-like compounds has been ongoing for many years and recent meta-analyses from three occupationally-exposed cohorts have reached such different conclusions that the debate on the carcinogenic potency of dioxins will continue for quite some time.

Three recent key international evaluations have established that hormonal, reproductive and/or developmental effects are the most sensitive indicators of dioxin-related toxicity in experimental animals. Despite some differences in the most significant studies and in the methodology used to analyse the data, the WHO, the EC-SCF and JECFA reached similar conclusions and recommended a similar health intake standard. As shown in Table 2-3, when expressed in terms of daily dose, the human intake standards proposed by the EC-SCF and JECFA lie close to the mid-point of the TDI range of 1–4 pg TEQ/kg bw/day proposed by the WHO consultation.

Table 2-3 Comparison between the standards (as TEQ) for human intake of dioxins, furans and dioxin-like PCBs agreed by WHO (1998), EC-SCF (2001) and JECFA (2001)

Exposure standard	pg kg bw/day	pg/kg bw/week	pg/kg bw/mnth
WHO consultation (1998)	**1–4**	7–28	30–120
EC-SCF (2001)	2	**14**	60
JECFA (2001)	2.3	16.3	**70**

Note: The recommended exposure standards are shown in bold, with conversions to a daily, weekly or monthly basis in plain type.

In 2002 Australia recommended a Tolerable Monthly Intake (TMI) for Australians of 70 pg TEQ/kg bodyweight from all sources combined, and including polychlorinated dioxins, polychlorinated furans and dioxin-like PCBs (NHMRC/TGA, 2002), this value being equivalent to that set by the JECFA. It was suggested at that time that this TMI be

reviewed following any further hazard evaluation of dioxins by international agencies, or the publication of significant new findings.

This re-assessment notes that, although the cancer hazard posed by this chemical has probably received the bulk of attention over the past 20 years, non-cancer hazards are likely to be more important than the cancer hazard at current background levels to which the general public may be exposed. In studies in animals, developmental toxicity appears to be most sensitive effect of TCDD, consistently seen in mice and rats. A range of adverse effects following dioxin exposure have been reported in various epidemiology studies in humans over the past 25 years, of which the most consistently reported adverse effect is chloracne.

Based on our analysis of various international hazard assessments and relevant literature published between 1999 and late 2003, it is considered that the Australian TMI of 70 pg/kg bw/month as recommended by the NHMRC and the TGA's Office of Chemical Safety should be adequately protective of the general population with respect to effects of dioxin-like compounds. Nevertheless, in view of uncertainties in the data and of adverse trends or findings in populations with higher exposures than the general public, continuing efforts should be made to minimise releases of these compounds to the environment.

Whilst several agencies have recommended against the establishment a health reference dose (eg. the US EPA, the NZ Ministry for the Environment), it is noted that the majority of the panel members of the US EPA's Science Advisory Board (SAB) recommended to the EPA that an RfD should be set.

3. Exposure Assessment

Methodology and Terminology

In conducting a human exposure or intake assessment, use is made of analytical data on levels of dioxin-like compounds in foodstuffs and various environmental media. With respect to exposure to dioxin-like compounds, this exposure assessment focuses on 17 PCDDs and PCDFs and 12 co-planar PCBs which are included in the WHO TEQ. Issues to be considered include how representative of the foodstuff or environmental medium was the sampling and how accurate was the assay method. Furthermore, interpretation of reported data are complicated by different ways in which congeners that are not actually detected are represented in sums or averages. Such non-detects need to be considered since a non-detect can mean that the compound is not there, or that the assay method used was not sufficiently sensitive to detect it. In other cases, the methodology may detect a compound but not be sufficiently sensitive to accurately quantify it.

When dioxin-like PCDD/PCDF and/or PCB congeners are not detected in an assay, there are three ways of incorporating such non-detects into the estimate of total TEQ levels. The non-detected congeners can be taken to be present at zero concentration, in

which case the TEQ estimated is the *lower bound* estimate. If non-detects are taken as being present at the Limit of Detection (LOD)[21] of the assay, then the TEQ reported is the *upper bound* estimate. The lower-bound and upper-bound estimates correspond to the minimum concentration known to be present and to a larger concentration that might be present. In almost every case, the upper bound will be an overestimate of the true value, the degree of over-estimation decreasing with increasing assay sensitivity. If non-detects are assumed to be present at 1/2 the LOD, the TEQ parameter is referred to as the *medium bound* estimate. It should be noted that if the lower bound and upper bound totals are far apart (as is often the case, particularly when assay methodology is not particularly sensitive), the medium bound estimate is not necessarily any closer to the 'true' TEQ than is either of the other two estimates. In the light of the issues above, comparisons of data collected by different programs and measured by different laboratories has to be carried out with great caution (Startin & Rose, 2003).

In the following Chapter, TEQ values estimated in different studies are sometimes compared. It should be noted several ways of calculating TEQ values have been developed eg. the Nordic TEQ (N-TEQ), the International TEQ (I-TEQ) and the WHO-TEQ. The N-TEQ (no longer used) differs from the I-TEQ mainly in that in the N-TEQ the octa-dioxin/furan congeners are not counted, while in I-TEQ they are given a TEF of 0.001; this would result in N-TEQ calculations being slightly lower than the equivalent I-TEQ calculations. WHO-TEQ values are based on the most recent scientific consensus (Van den Berg et al, 1998), withdrawing TEFs for the di-ortho PCBs (PCB170 and 180) that were assigned earlier and revising TEFs for 1,2,3,7,8-pentaCDD, octaCDD, octaCDF and PCB77. Recalculating I-TEQs as WHO-TEQs would commonly result in an approximately 10% increase in TEQ levels (Van Leeuwen et al, 2000; Smith & Lopipero, 2001). The differences between the respective TEFs are not great. Although the most important dioxin-like PCBs have been given TEF values, it should be appreciated that PCBs may interact with cellular sites other than the *Ah* receptor and therefore have some other effects that cannot be expressed in terms of TCDD equivalence. For more information on the TEQ concept and its use, see Ahlborg et al (1994) and Van den Berg et al (1998) and Appendix XVIII for a comparison of TEFs.

3.1 Current Levels in the Australian Population

3.1.1 Blood serum analysis

The aim of the study by Harden et al (2004) was to measure the serum levels of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and polychlorinated biphenyls (PCBs) in pooled blood serum collected throughout Australia between 2002-2003. De-identified serum samples were selected from surplus pathology samples and stratified according to gender, age and region, as follows:

[21] LOD – the lowest concentration of a chemical that can be qualitatively detected using a specified laboratory method (ie. it can be detected but not quantified). This may be compared with the Limit of Quantitation (LOQ), the lowest concentration of a chemical that can be detected and quantified with an acceptable degree of certainty.

Age Stratification

- <16 years (0 – 15 years, born 1987-2002 inclusive)
- 16-30 years (16-30 years, born 1972-1986 inclusive)
- 31-45 years (31-45 years, born 1957-1971 inclusive)
- 46-60 years (46-60 years, born 1942-1956 inclusive)
- 60 years (> 60 years of age, born in 1941 or earlier)

Geographic Stratification

- Four urban regions:
  - Northeast (Brisbane, Tweed and Gold Coast and other major population centres in Queensland);
  - Southeast (Sydney, Canberra, Wollongong, Newcastle and other major population centres in New South Wales);
  - South (Melbourne, Adelaide, Hobart and other major population centres in Victoria);
  - West (Perth and other major population centres in Western Australia)
- One rural region:
  - Including rural areas from all States and the Northern Territory, according to the population distribution

Where there were sufficient numbers of samples collected for each of the 50 strata, each stratum was represented by duplicate pools, analysed independently. For individuals less than 16 years old from the South and West urban regions, there were insufficient numbers of samples available, hence samples in these strata were assayed as a single pool for each gender and region, rather than in duplicate. In total, 9090 samples from the 50 strata were collected and pooled to give 96 pools.

With the exception of the number of samples collected for either sex aged <16 years in the West and South urban regions, the number of samples in each stratum was between 122-202, with an average of 193 ± 18 samples. The number of samples collected for the strata <16 years in the South and West regions were between 67-68 and 24-28, respectively. The approximate percentage of the population represented by each age strata was between 5-10%. The approximate percentage of the total Australian population represented by the 5 regions; Northeast, Southeast, South, West urban regions and one rural area were 25, 20, 9, 7 and 19% respectively. Figure 3-1 shows the geographical distribution of the collection regions.

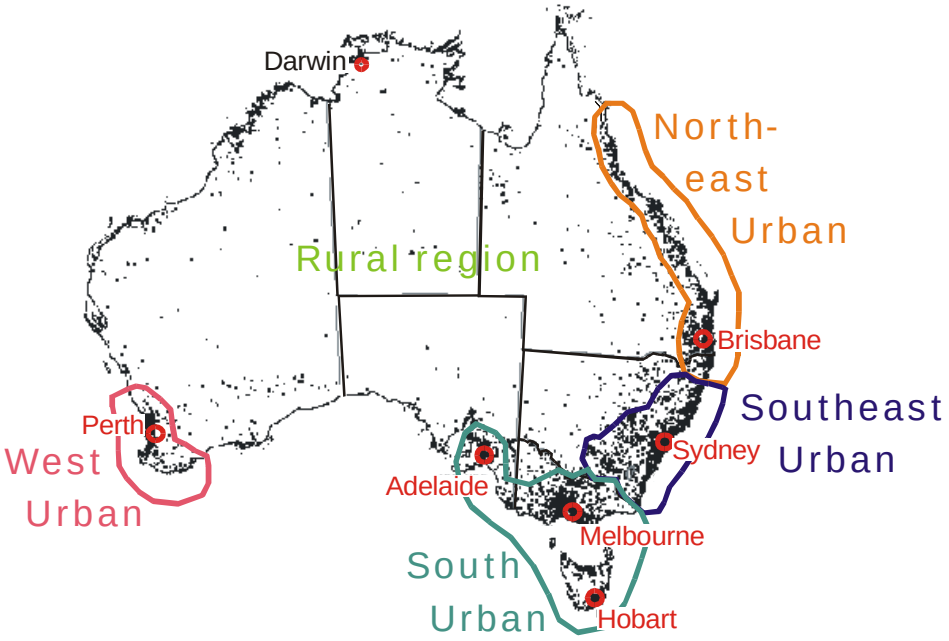

Figure 3-1 Map indicating the sampling regions of four major population areas of Australia.

The population density of each region is indicated in black (2002 data from the Australian Bureau of Statistics).

All pooled samples were sent to ERGO-Forschungsgesellschaft mbH, Hamburg, Germany for analysis, and 10 duplicate samples were sent to Health Canada, Ottawa, Canada for inter-laboratory comparison. Both laboratories are accredited for analytical dioxin analysis. Inter-laboratory and intra-laboratory variation between average values was approximately 10% and within acceptable ranges. The ERGO data were analytically reproducible, exhibiting normalised differences of between 10.3 to 21.7% for the 4 pools selected, when measured in duplicate.

The decision to use surplus pathology samples (and the possible attendant bias towards individuals who may have had some degree of physiological perturbation) *vs* a specific but totally random collection of samples across the population was made on the basis of (1) procedural complexity, including the need for more staff and material resources; (2) necessity to seek consent from each participant; and (3) much lower sample numbers for a given budget. A pilot study to compare results from pathology samples (males 30-45 years old) with samples taken for the purposes of medical examination for insurance cover (males 30-45 years old) was performed. For most of the congeners, the difference was less than 20% and thus may be explained by normal variations in analytical sensitivity. The findings indicated that there was the possibility of greater variation within the same group (ie. insurance pool 1 *vs* insurance pool 2) than between the different groups (insurance and pathology).

3.1.1.1 Levels of PCDD, PCDFs and PCBs in Blood Serum

Dioxin compounds accumulate in the fat stores of the human body. It is assumed that under steady-state conditions, the dioxin concentration in fat stores is equivalent to that present in the lipid fraction of the blood. Thus the dioxin concentration in blood is calculated on a lipid weight basis.

The concentrations of PCDD/Fs and PCBs, as TEQs calculated using WHO-TEFs (Van den berg et al, 1998) on lipid weight basis, are expressed as upper and lower bound TEQ. Only the upper bound TEQ values are reported in the text. Both lower and upper bound TEQ values stratified by age group, sex and region are recorded in Appendices (Appendix VII and VIII).

3.1.1.1(a) Total PCDDs, PCDFs plus PCBs

Table 3-1 gives the results for total WHO-TEQ (PCDD/Fs plus PCBs) for all analysed pools from the 5 age groups and regions for each sex.

Table 3-1 Australian serum levels of total dioxins (WHO-TEQ ng/kg lipid) measured in two pools (P1, P2) by age group, gender and region.

Sex	Age (years)	Northeast Urban		Southeast Urban		South Urban		West Urban		Rural Area	
		P 1	**P 2**	**P 1**	**P 2**	**P 1**	**P 2**	**P 1**	**P 2**	**P 1**	**P 2**
Male	<16	5.9	5.6	8.0	5.8	6.1	N/A	6.5	N/A	6.5	6
	16-30	5.8	5.0	5.9	7.6	6.0	5.4	4.7	4.9	5.3	6.6
	31-45	7.2	7.3	8.2	11	6.5	8.1	7.7	9.8	7.1	8.0
	46-60	12	15	13	14	14	12	11	10	12	12
	>60	17	19	22	18	19	20	18	19	16	19
Female	<16	5.5	5.3	6.3	7.3	**4.6**	N/A	5.9	N/A	8.3	6.8
	16-30	5.8	6.1	7.1	8.1	6.0	4.9	4.8	5.3	6.1	6.5
	31-45	9.0	7.7	14	11	7.3	7.6	7.2	7.2	8.6	9.8
	46-60	14	12	15	16	11	10	9.7	9.9	12	12
	>60	25	22	25	**28**	21	19	19	21	22	27

Data are given as upper bound values for PCDD/Fs plus PCBs
N/A = only one sample pool was analysed due insufficient number of samples.
Bold text = maximum and minimum values

The mean total WHO-TEQ (PCDD/Fs plus PCB) for all pooled samples was 10.90 ng WHO-TEQ/kg lipid. For males and females, the mean levels were 10.35 ng WHO-TEQ/kg lipid and 11.48 ng WHO-TEQ/kg lipid, respectively.

The serum levels of total dioxins expressed as TEQ varied by a factor of 6.1 from a minimum of 4.6 ng WHO-TEQ/kg lipid detected in South urban females <16 years (pool 1) to a maximum value of 28 ng WHO-TEQ/kg lipid in Southeast urban females >60 years (pool 2) (refer to bold type in Table 3-1).

3.1.1.1(b) Contribution from PCDDs and PCDFs

Total PCDDs and PCDFs across all regions were very similar (see graphs in Appendix II). The mean total PCDD/Fs by age group and sex, averaged across all regions is shown in Table 3-2. The levels of total PCDD/Fs increased with increasing age of the donor. The levels of total PCDD/Fs expressed as TEQ varied by a factor of 5.9 from a minimum value of 2.9 ng WHO-TEQ/kg lipid detected in Southeast females <16 years (pool 2) to 17 ng WHO-TEQ/kg lipid detected in Southeast females >60 (pool 2). There was a tendency for PCDD/Fs to be marginally higher in individuals from the Southeast and rural regions compared to Northeast, South and West regions (refer to appendix II). The contribution of PCDD/Fs to the total dioxin TEQ across all regions and age groups was between 59-67%.

3.1.1.1(c) Contribution from PCBs

As with PCDD/Fs, there is a general trend of increasing PCB concentrations with age (Table 3-2). This age trend was evident from individual congener data, the sum of PCB congeners and PCB WHO-TEQ. The levels of PCBs expressed as TEQ varied by a factor of 9.2 from a minimum value of 1.3 ng WHO-TEQ/kg lipid detected in a pool of South region females 16-30 years (pool 2) to a maximum value of 12 ng WHO-TEQ/kg lipid detected in >60 year old females living in the rural region (pool 2). The contribution of PCBs to the total dioxin WHO-TEQ was between 33-41% and was similar across all regions.

3.1.1.1(c)(i) PCB #126 and PCB #169 Loadings

The percent contribution of PCB #126 and PCB #169 to the total WHO-TEQ for PCBs is shown in Figure 3-2 (refer to as PCB loading). PCB #126 and PCB #169 were selected for analysis because they exhibit the highest TEF values, of 0.1 and 0.01 respectively, are the most toxic of all the PCB congeners and made the greatest contribution to the total PCB TEQ for any strata (Appendix III).

There was a decrease in the PCB #126 loading from the younger strata (<16 year old, Male 61.3%; Female 69.7%) compared to the older strata (>60 year olds, Male 38.7%; Females 43.0%), across the 5 regions, despite the increasing total PCB WHO-TEQ with age. Across all age groups, individuals located in the Southeast region had marginally higher PCB #126 loadings compared to other regions, with females and males exhibiting a 7-15% and 1-8% increase in PCB #126 loading, respectively. Generally females exhibited ~5% higher PCB #126 loading than males of similar age within the same region (Figure 3-2).

The mean percent contribution of PCB #169 to the total PCB WHO-TEQ was less than 5% across the 5 regions and age groups for both sexes. The PCB loading of #169 was significantly less than PCB #126 due to the 10-fold lower TEF value. Individuals in the West region exhibited marginally higher PCB #169 loadings compared to other regions, with males and females exhibiting <0.8% increase in PCB #169 loading. On average, males exhibited approximately 1% higher PCB #169 loading compared to females in the same age group (Figure 3-2).

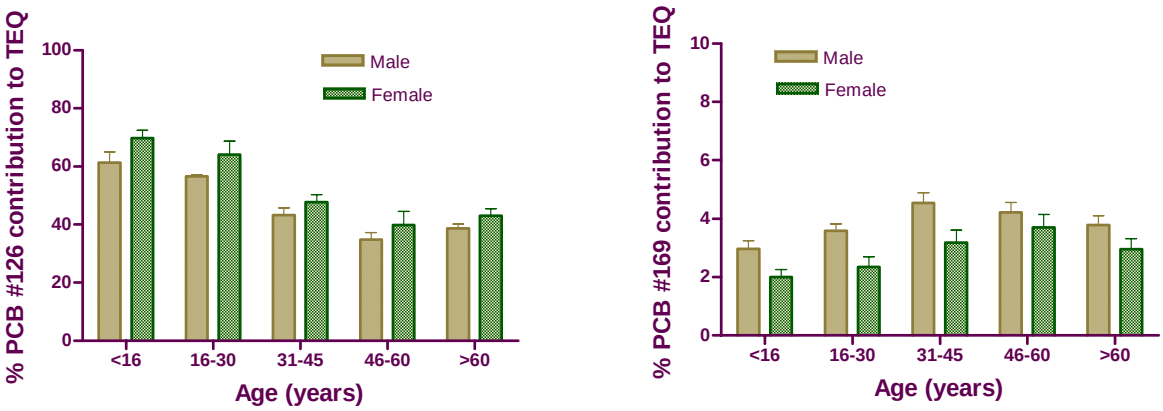

Figure 3-2 Percent contribution of PCB #126 and PCB #169 to the total PCB WHO-TEQ for a representative sample of the Australian population.

Data shown represents % contribution of PCB #126 and PCB #169 to the total WHO-TEQ for PCBs (upper bound).

Table 3-2 Serum concentrations of PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) of Australians by age group and gender averaged across regions.

Sex	Age (years)	Serum concentration across regions (ng WHO-TEQ/kg lipid)[#]		
		Minimum	Maximum	Mean[$] ± SD
PCDD/F TEQ				
Male	<16	3.90	5.30	4.21 ± 0.34
	16-30	3.40	4.60	3.69 ± 0.38
	31-45	4.50	7.10	5.34 ± 0.55
	46-60	6.40	9.30	7.76 ± 0.74
	>60	8.70	12.00	11.21 ± 1.12
Female	<16	**2.90**	4.30	3.54 ± 0.53
	16-30	3.40	4.10	3.68 ± 0.23
	31-45	4.90	6.70	5.67 ± 0.41
	46-60	6.60	9.20	7.76 ± 0.69
	>60	14.00	**17.00**	14.30 ± 0.76
PCB TEQ				
Male	<16	1.50	2.30	2.11 ± 0.75
	16-30	1.70	2.90	2.00 ± 0.37
	31-45	1.50	4.80	2.68 ± 0.74
	46-60	3.60	6.20	4.68 ± 0.84
	>60	6.30	9.60	7.28 ± 0.93
Female	<16	1.40	4.70	2.49 ± 1.15
	16-30	**1.30**	4.70	2.38 ± 1.13
	31-45	1.80	7.10	3.21 ± 1.84
	46-60	3.10	8.10	4.33 ± 0.69
	>60	5.90	**12.00**	9.99 ± 4.80
Total TEQ (PCDD/Fs plus PCB)				
Male	<16	5.60	8.00	6.32 ± 0.57
	16-30	5.00	7.60	5.69 ± 0.72

Sex	Age (years)	Serum concentration across regions (ng WHO-TEQ/kg lipid)[#]		
		Minimum	Maximum	Mean[$] ± SD
	31-45	6.50	11.00	8.02 ± 0.97
	46-60	7.30	14.00	12.44 ± 1.09
	>60	16.00	22.00	18.51 ± 0.99
Female	<16	**4.60**	8.30	6.05 ± 1.16
	16-30	4.80	8.10	6.06 ± 0.99
	31-45	7.20	14.00	8.88 ± 2.02
	46-60	9.70	16.00	12.09 ± 1.99
	>60	19.00	**28.00**	24.26 ± 5.16

TEQs calculated using the 1998 WHO-TEFs. Data reported as upper bound TEQs. Bold print indicates maxima, minima for PCDD/F, PCB or Total WHO-TEQ.

$ This does not correspond to a summation of the PCDD/F TEQ and PCB TEQ levels reported in the table, because the minimum PCDD/F TEQ and PCB TEQ occur in different samples, and similarly the maximum PCDD/F TEQ and PCB TEQ are for different samples.

* Minima, maxima and means were calculated using data from individual pools for males <16 and females <16 from the South Urban and West Urban regions.

3.1.1.2 Analysis of the factors that affect the concentration of dioxins in human blood sera

Exposure to persistent organic pollutants and subsequent body burden can be influenced by a range of factors including the age and sex of donor and the region in which the donor resides. Note that in this study, sample donors may have only resided in the area from which the sample was collected for a short period of time. Furthermore, the study design did not allow assessment of whether individuals within a particular pool had been excessively exposed to dioxin-like compounds through either diet or occupation.

3.1.1.2(a) Effect of age on serum levels of PCDD/Fs and PCBs

Figure 3-3 indicates the effects of age on the levels of total dioxins (PCDD/Fs plus PCBs) in males and females from each of the 5 regions. For all regions, the WHO-TEQ for total dioxins increased with age from the 16-30 years of age group onwards.

There was a clear trend of increasing levels of total dioxins (PCDD/Fs plus PCBs, expressed as WHO-TEQ) from the younger strata (16-30 years; 5.88 ± 0.42 ng WHO-TEQ/kg lipid) to the older strata (>60 years; 21.39 ± 0.91 ng WHO-TEQ/kg lipid) in samples from all regions. Notably, this increase in concentration only applies from the second youngest age group onward whereas no difference was observed between the concentrations in the 0-16 year old groups (6.19 ± 0.41 ng WHO-TEQ/kg lipid) and the 16–30 year old groups (5.88 ± 0.32 ng WHO-TEQ/kg lipid).

Because of the limited number of samples, pooling of samples, and limited stratification of subjects sampled, it is not possible to detect whether females who breast fed would have lower levels of dioxins than those who did not; this investigation would require a more detailed study.

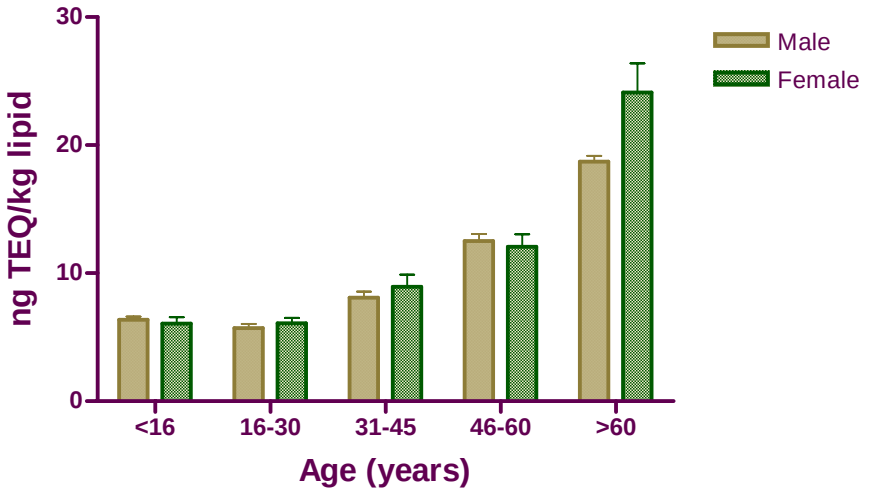

Figure 3-3 Mean total dioxin (PCDD/Fs plus PCBs) WHO-TEQ in the serum of a representative group of Australian population, by age and sex.

Data shown represent average upper bound WHO-TEQ values for pooled samples across 5 regions obtained for males and females from 5 age groups.

Many studies (Buckland et al, 2001; Wittsiepe et al, 2000; Schuhmacher et al, 1999; Jimenez et al, 1996) have shown that serum concentrations of dioxin compounds (PCDD/Fs and PCBs) increase with increasing age of the individual. One factor influencing this is the fact that older people were exposed to higher environmental levels of dioxins than those growing up now; this is discussed in further detail below.

3.1.1.2(b) Regional differences in the levels of PCDD/Fs and PCBs

Within age groups, the levels of PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) in serum appear to be very similar across all regions. With the exception of the <16 year old females, the serum concentrations from the Southeast region exhibit marginally higher levels of total dioxin WHO-TEQs compared to the West, South, Northeast urban and rural regions. For <16 year old females the highest levels of total dioxins were found in the rural region (Figure 3-4). With the exception of older rural females (>60 years), total dioxin WHO-TEQ values were similar between urban and rural areas. Rural women from the older strata (>60 years old; 25.4 ng WHO-TEQ/kg lipid) had a higher total dioxin WHO-TEQ compared urban females of the same age (22.0 ng WHO-TEQ/kg lipid averaged across the 4 urban regions).

Given that the major route of exposure for dioxins is via the diet and that the food that is consumed throughout Australia is derived from similar sources, the level of dietary exposure would be very similar across the country[22]. Thus it was not surprising that no significant regional differences in the levels of dioxins in blood serum were observed.

[22] Like the USA, nutritional exposure is subject to national food distribution systems (IOM, 2004).

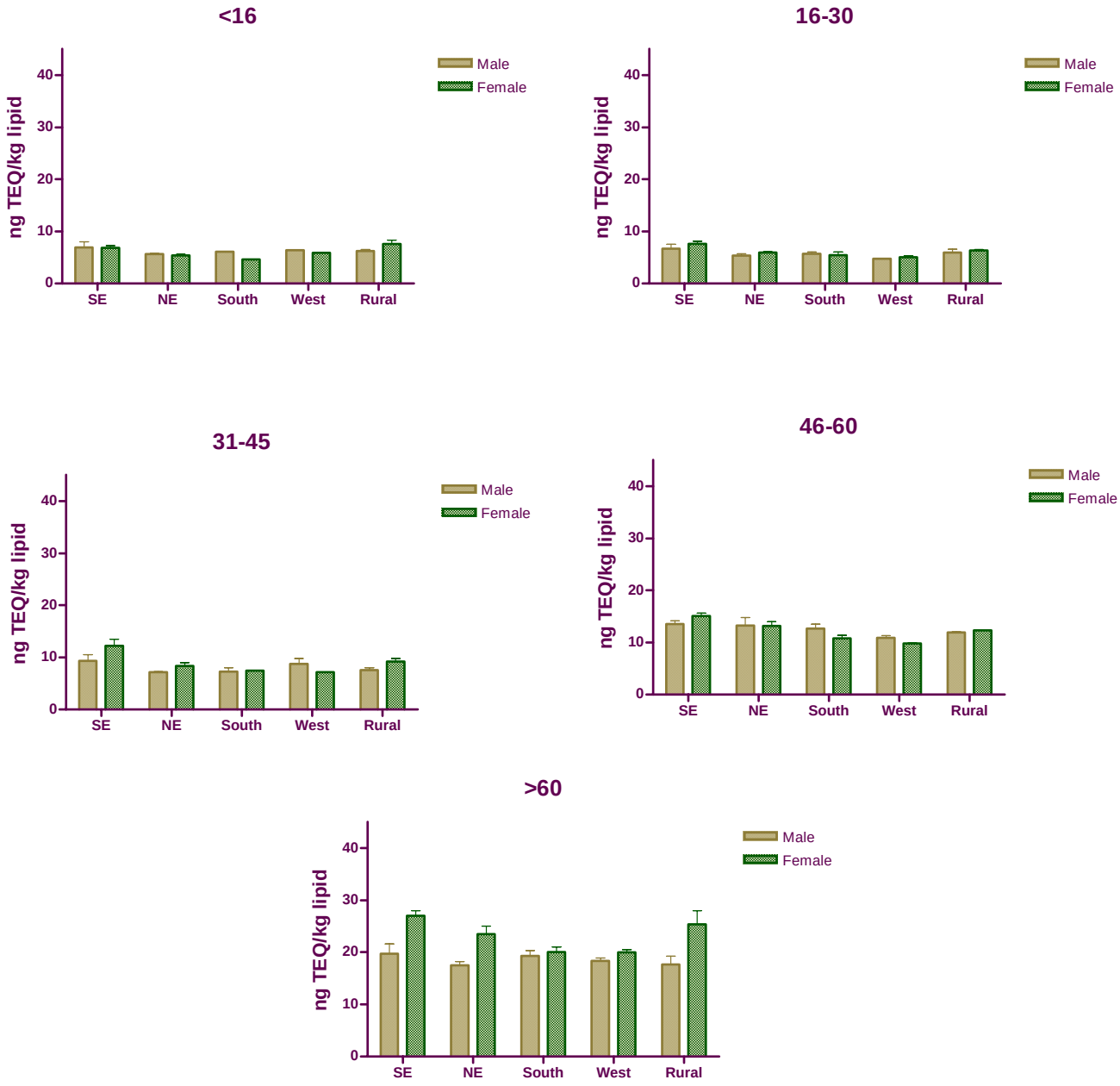

Figure 3-4 Mean total dioxin (PCDD/Fs plus PCBs) WHO-TEQ in the serum of a representative group of the Australian population by sex, age group and region.

Data shown represent average upper bound WHO-TEQ values for pooled samples across 5 regions obtained for males and females from the 5 age groups.

3.1.1.2(c) Effects of gender on the levels of PCDD/Fs and PCBs

With the exception of the >60 years age group, the total dioxin (PCDD/Fs plus PCBs) WHO-TEQ per unit lipid did not show any systematic difference between males and females. For the >60 years age group, the total dioxin WHO-TEQ for females appears to be slightly higher than males. This difference cannot be explained by differences in the average age as these were remarkably similar for males and females.

In females, the absolute amounts of total dioxin WHO-TEQs per unit body weight would be higher than in males are due to their increased percent body fat (refer to body burden section).

3.1.1.3 Comparison of serum levels with International Data

3.1.1.3(a) Comparison of Australian serum levels of PCDD/Fs with other countries

A comparison of the Australian levels of PCDD/Fs with those from other countries is depicted in Figure 3-5. Data can be found in tabular form in Appendix IV.

3.1.1.3(a)(i) North American studies

Tepper et al (1997) investigated PCDD/F levels in serum of males from community residents (control group), low-exposure-potential workers and high-exposure-potential workers from a pulp and paper mill in the USA. The median PCDD/F serum level in the control group viz.19.1 pg/g lipid was not appreciably different from that in the other two exposure groups. This value is approximately 3-fold higher than the mean of 6.4 pg/g serum lipid in Australian males, a value which was obtained by averaging across all 5 age groups (see Table 3-2).

Mean PCDD/F TEQs of pre-delivery blood and postpartum blood obtained from 5 females residing in upstate New York between 1995 and 1996 were 12.1 pg/g and 10.0 pg/g lipid respectively (Schecter et al, 1998). (The authors did not state which TEFs were used in this study and the age of the donors was not specified.) These results are somewhat higher than those found in the current Australian study in which the mean PCDD/F WHO-TEQ for reproductive-age females (averaged across 16-30 and 31-45 year age groups; See Table 3-2) was 4.7 pg/g of serum lipid.

3.1.1.3(a)(ii) European Studies

In a study of the PCDD and PCDF levels in serum from exposed and non-exposed workers from 3 sawmills in Finland, a mean I-TEQ level of 50.4 pg/g lipid was found in the non-exposed groups from all 3 sawmills (Kontsas et al, 1998). In comparison, the mean TEQ for Australian males aged 31- 60 years (averaged across 31-45 and 46-60 year age groups given in Table 3-2) is 6.6 pg WHO-TEQ/g of serum lipid.

A study in Mataro, Spain, by Gonzalez et al (2000) assessed the levels of PCDDs and PCDFs in 201 “non-occupationally” exposed subjects, of both genders, aged between 18-69 years. The serum concentration of PCDD/Fs increased with age in both sexes and, as in the current Australian study, was slightly higher in females than males.

Another Spanish study by Jimenez et al (1996) evaluated the background serum levels of PCDDs and PCDFs in 11 non-occupationally exposed people (aged between 19-55 years) living in Madrid in 1993. Calculated I-TEQ values were 8.78 pg/g and 6.96 pg/g lipid for PCDDs and PCDFs, respectively. Total PCDD/F I-TEQ was positively correlated with age (correlation coefficient = 0.79, $p<0.01$).

In a third Spanish study in Tarragona, Schuhmacher et al (1999) determined the concentrations of PCDDs and PCDFs in individual plasma samples of 20 non-occupationally exposed subjects (7 female, 13 male). Subjects were aged between 28-62 years and lived in the vicinity of a new hazardous waste incinerator or in an industrial region. The mean I-TEQ value given was 27.0 pg/g lipid (27.7 pg/g lipid for women and 25.2 pg /g lipid for men). A significant correlation ($r = 0.565$, $p < 0.01$) between the age of the subjects and the levels of PCDD/F in plasma could be observed but no significant differences were found in relation to the specific residential area (urban or industrial).

The 3 Spanish studies discussed above found TEQs for PCDD/Fs to be higher than those found in Australia. In the current Australian study, the mean WHO-TEQ for PCCD/Fs for both sexes, aged between 16-60 years (averaged across 16-30, 31-45 and 41-60 year age groups for both sexes; see Table 3-2) was 5.65 pg WHO-TEQ/g lipid.

Covaci et al (2001) analysed concentrations of PCDDs and PCDFs in 47 pooled human serum samples from 200 women aged between 50 and 65 years living in 2 areas of Flanders, Belgium in 1999. The WHO-TEQ values for PCDDs, PCDFs and PCDD/Fs from rural and suburban areas were 25.6, 23.2 and 48.7 pg/g fat respectively. No statistical differences in individual PCDD/F concentrations between the rural and suburban areas were found, nor was there any statistical difference found between WHO-TEQs for the 2 regions. PCDD/F levels in Flemish women (approx. 49 pg WHO-TEQ/g) were found to be higher than measurements in women living in other industrialized and neighbouring countries, and were considerably higher than current mean levels in Australian females of similar age who had a mean of 11.1 pg WHO-TEQ/g lipid (averaged across 46-60 and >60 years age groups; see Table 3-2).

In Norway, Johansen et al (1996) determined the concentrations of PCDDs and PCDFs in whole blood samples from 24 consumers of crabs, and 10 referents. Subjects were males aged 40-54 years of age. The Nordic-TEQs for PCDDs, PCDFs and PCDD/Fs were 9.7, 11.4 and 21.4 pg/g fat, respectively. The authors state that they found no correlation between the level of PCDD/Fs and age. In the Australian study, a Nordic-TEQ[23] would be approximately 2% lower than the WHO-TEQ, thus the mean total WHO-TEQ for males aged between 31-60 years (average across 31-45 and 45-60 year age groups given in Table 3-2) of 6.6 pg WHO-TEQ/g lipid is significantly lower than that found in the Norwegian study.

Wittsiepe et al (2000) analysed 744 individual whole blood samples collected from Germany in 1989-1998. The gender of the sample donors was not stated. The mean

[23] The Nordic-TEQ does not include OCDD/F compounds (WHO-TEF values of 0.0001) in the calculation of the TEQ, thus using the current Australian data, the Nordic-TEQ would be less than the WHO-TEQ by approximately 2%.

levels of PCDD/Fs found were 43.7 pg I-TEQ/g lipid in 1989, 20.7 pg I-TEQ/g lipid in 1997/98 and 35.6 pg/g I-TEQ/g lipid for 1989-1998 inclusive. The average ages for the periods 1989, 1997/98 and 1989-1998 were 43.6, 44.2 and 43.1 years respectively. The authors state that PCDD/F levels exhibit a positive correlation with age for most of the congeners, the sum values and the calculated toxicity equivalents. In comparison, the mean WHO-TEQ for PCDD/Fs for Australians aged between 31-45 (both sexes; sampled during 2003), was 5.5 pg WHO-TEQ/g lipid.

Menzel et al (1998) determined the dioxin blood level of exposed and 16 unexposed workers in Germany. The levels for exposed workers were greater than unexposed workers. The median PCDD/F level was 18.5 I-TEQ pg/g blood fat for unexposed workers. In another German study, Päpke et al (1996) collected blood samples in 1994 from 134 subjects. The I-TEQ for PCDD/Fs was 19.1 pg/g lipid. Even allowing for the minor differences between I-TEQ[24] and WHO-TEQ, this value is significantly higher than the mean PCCD/F WHO-TEQ of 6.72 pg/g lipid for the Australian population across all age groups. [Note that in view of declining environmental levels over recent decades, the time difference in sampling (1994 *vs* 2003) should be taken into account.]

In a third study from Germany, Wuthe et al (1996) measured blood fat concentrations of PCDDs and PCDFs in pooled samples from children (142 boys, 144 girls, <12 years) and in individual samples from adults. The overall mean PCDD/F I-TEQ was 18.4 pg/g lipid. The children were from 3 different areas in Southern Germany, an urban industrial area, an industrial area within a rural setting and a rural area. The PCDD/F I-TEQ was 8.2, 9.0 and 10.1 pg/g lipid for the 3 regions, respectively. In the current Australian study, the mean PCDD/F WHO-TEQ for children aged <16 years was 3.9 pg/g lipid.

3.1.1.3(a)(iii) Asian Studies

The studies from Asia suggest that levels of PCDD/Fs in human sera are higher in Japan and lower in China when compared to the Australian data.

Kumagai et al (2002) studied the concentrations of PCDDs and PCDFs in exposed and unexposed workers in Japan. The average age of controls was 42.1 years. The mean serum WHO-TEQ of PCDD/Fs in the controls was 20.3 pg/g lipid.

From a survey of the levels of dioxins in human blood (112 women and 131 men) conducted by the Environment Agency of Japan in fiscal year 1998, the mean WHO-TEQ for PCDDs and PCDFs was 11pg-TEQ/g fat with a range of 0.91-33 pg-TEQ/g fat. A total of 234 of the 253 subjects resided in "normal environmental regions" and 19 resided in the vicinity of waste incineration facilities. There were no significant differences detected between the regions.

The Australian mean PCDD/F TEQ across both sexes and all ages was 6.9 pg WHO-TEQ/g lipid, which is lower than mean PCDD/F values from both Japanese studies discussed above.

[24] I-TEQ is approximately 10% lower than the WHO-TEQ

Schecter et al (1996) reported on the concentrations of PCDD/Fs in the general population in a city in the Jiangxi province of China. Two pools of human blood were analysed, one from participants 15-19 years of age and the other one from participants 35-70 years of age. The total dioxin WHO-TEQ in pg/g lipid was 4.8 for the 15-19 year-old age group and 6.4 for the 35-70 year-old age group. These values are similar to 3.7 pg WHO-TEQ/g lipid for Australians aged 16-30 years, but lower than 8.7 pg WHO-TEQ/g lipid found for Australians aged over 31 years. The authors note that China, in comparison with more industrialised countries, has had low background levels of dioxins and furans and that this is most likely a result of lower levels of chemical use and environmental contamination.

3.1.1.3(a)(iv) New Zealand studies

In a study by Buckland et al (2001), 1,834 samples were analysed for levels of PCDDs and PCDFs. Samples were obtained from people of either sex aged >15 years, Maori and non-Maori. The samples were pooled according to age, ethnicity, sex and geographic location to obtain 60 pools. The mean PCDD/F concentration across the New Zealand population aged >15 years was 12.8 pg WHO-TEQ/g lipid. The levels of PCDD and PCDF congeners increased from 6.69 pg WHO-TEQ/g lipid for the 15-24 age group to 20.7 pg WHO-TEQ/g for the >65 age group. In comparison, the Australian mean WHO-TEQ PCDD/Fs for 16-30 year olds and >60 year old groups was 3.7 and 13 pg/g lipid, respectively.

In another New Zealand study, Hannah et al (1994) reported the mean levels of WHO-TEQ PCDD/Fs in blood from 28 unexposed subjects aged between 20-60 years of either sex to be 11.5 pg/g lipid. This corresponds with results from Buckland et al (2001). In comparison, the Australian mean WHO-TEQ PCDD/Fs for 16-60 year olds was 5.65 pg/g.

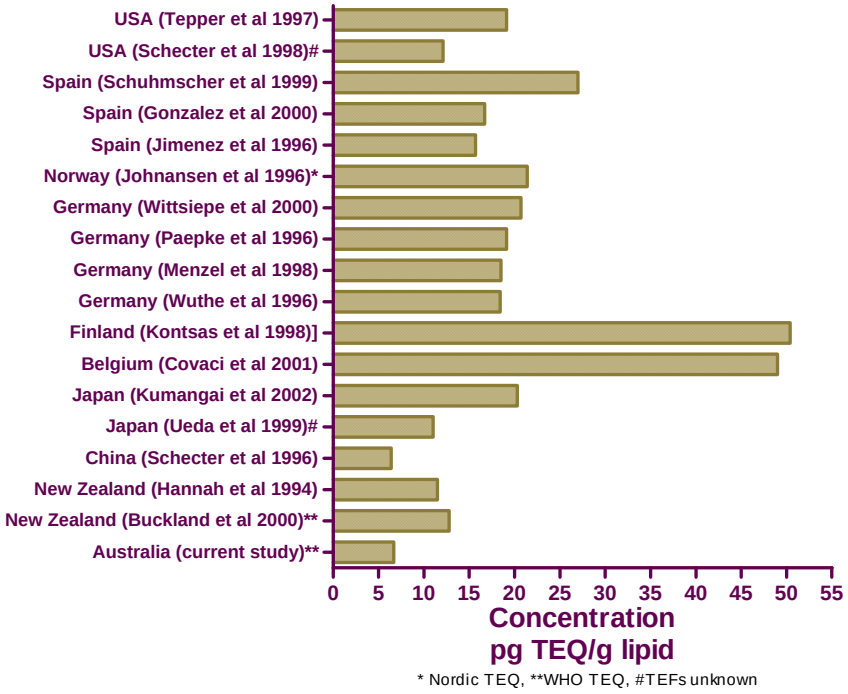

Figure 3-5 International comparison of blood serum levels of PCDD/Fs in non-occupationally exposed populations.

Data are reported as I-TEQs unless otherwise stated. The Nordic-TEQ does not include OCDD/F compounds (the WHO-TEF values for OCDD/F are 0.0001) in the calculation of TEQ, thus the Nordic-TEQ would underestimate the WHO-TEQ. The I-TEQ overestimates the WHO-TEQ by approximately 10%.

3.1.1.3b A comparison of Australian levels of PCBs with other countries

A comparison of the Australian levels of PCB #169 and PCB #126 with those from other countries is depicted in Figure 3-6. Data can be found in tabular form in Appendix IV or in the original blood serum monitoring report (Harden et al, 2004).

It was difficult to make comparisons between the current Australian data and international data for the levels of PCBs, due to the inclusion of varying PCB congeners chosen for analysis in international studies. Furthermore, many authors have not provided TEQ values or the raw data to make these calculations.

3.1.1.3(b)(i) North American studies

Kang et al (1997) investigated PCB levels in the serum of male community residents from the USA. The study group also included low exposure-potential workers and high exposure-potential workers from a pulp and paper mill. The mean serum concentrations of PCB #126 and #169 were 18 pg/g and 27 pg/g lipid, which was similar to previous results from pooled samples of the general population and in fishermen from Quebec (Kang et al, 1997). The TEQ for PCB #126 and PCB #169 was 1.8 pg WHO-TEQ/g

lipid and 0.27 pg WHO-TEQ/g lipid, respectively. This is similar to the levels in the current study for males in the Australian population where PCB #126 was 1.58 pg WHO-TEQ/g lipid and PCB #169 was 0.15 pg WHO-TEQ/g lipid. Age, body mass index, and consumption of locally caught fish were deemed to be significant predictors for non-ortho PCB levels in human serum.

Greizerstein et al (1999) determined the levels of PCB congeners in the serum of seven lactating women in New York State, USA. The mean age of the donors was 31 years old. The sum of the congeners present above the limit of detection was used to estimate the total PCB concentration which was in the range 2.6 to 5.8 ng/g of serum. The congener contributing the greatest to the total PCBs in serum was PCB #118, with a serum concentration of 28.5 ng/g. In Australian females aged 31-45 years, the average concentration of PCB #118 was 3.6 ng/g. The authors did not report the TEQ.

In a study by Schecter et al (1998) the pre-delivery and post delivery whole blood of five women living in upstate New York was analysed in the time interval between 1995 and 1996. The mean non-*ortho* PCB concentration was 35.4 pg/g lipid for pre-delivery blood and 27.6 pg/g lipid for post delivery blood. Mean TEQ (non-*ortho* PCBs only) levels were 2.26 pg/g for pre-delivery blood and 1.70 pg/g for postpartum blood. The authors did not state which TEF were used. The concentration for PCB #126 was 21.7 pg/g lipid for pre-delivery blood and 16.3 pg/g lipid for post delivery blood. For PCB #169 the concentration was 9 pg/g lipid for pre-delivery blood and 6.7 pg/g lipid for post delivery blood. The post-delivery blood values were similar to those for Australian women aged between 16-45 years, with PCB #126 and #169 WHO-TEQ values of 7.0 and 16.1 pg/g lipid.

Shadel et al (2001) determined the levels of four PCB congeners (# 77, #81, #126 and #169) in a group of 150 men and women in Missouri, USA. Subjects had no documented exposure to PCBs. The concentration of PCB #126 was 10.8 pg/g lipid and for PCB #169 was 15.7 pg/g lipid. The TEQs for PCB #126 and PCB #169 were 1.08 pg and 0.16 pg WHO-TEQ/g lipid, respectively. The corresponding WHO-TEQ values for the Australian population were 1.8 pg WHO-TEQ/g lipid and 0.13 pg WHO-TEQ/g lipid. (PCB #126 WHO TEQ calculated from current study using the non-detect value and the maximum value where applicable.)

3.1.1.3(b)(ii) European studies

In a Finnish study by Kontsas et al (1998), levels of PCBs in exposed and non-exposed workers from 3 sawmills were analysed. In this study all participants were males, aged 31-52 years. The total sample size for the unexposed group was 18 and the mean plasma level for PCB #126 was 69.4 pg/g lipid. The mean plasma value for PCB #169 at 3 different sawmills was 82.8 pg/g lipid. The mean I-TEQs for PCBs for non-exposed workers was 11.1 pg/g lipid and ranged from 8.3 to 14 pg/g lipid for 3 sawmills. The mean WHO-TEQs for PCB #126 and PCB #169 for the Australian study were 1.42 and 0.16 pg/g lipid, respectively for males aged 31-60 years.

A study in Madrid, Spain, by Jimenez et al (1996) evaluated the background serum levels of non-*ortho* PCBs in 11 unexposed people during 1993. The age of the donors

ranged between 19-55 years and the mean level found for non-*ortho* PCBs was 85.47 pg/g lipid. Calculated I-TEQ values were 7.03 pg I-TEQ/g lipid for non-*ortho* PCBs (PCB #126 plus PCB #169). In comparison, the mean WHO-TEQ for non-*ortho* PCBs (PCB #126 plus PCB #169) for the Australian population was 1.98 pg/g lipid.

Covaci et al (2001) analysed concentrations of PCBs in 47 pooled human serum samples from 200 women between 50-65 years living in two areas of Flanders, Belgium in 1999. The women sampled were not at risk from occupational exposure to PCBs or dioxins and resided in either a rural or a suburban area of Antwerp. The mean WHO-TEQ value for PCBs was 25.8 pg/g fat and ranged from 20.3-32.4 pg/g. The mean total PCB WHO-TEQ (sum of 12 congeners) for Australian women aged > 46 years (averaged across 46-60 and >60 years age groups; see Table 3-2) was 6.4 pg WHO-TEQ/g lipid, which is substantially less than the level in Belgian women.

Johansen et al (1996) determined the concentrations of 19 PCB congeners in whole blood samples from 24 consumers of crabs and 10 referents in a contaminated fjord area in Norway. The subjects included in this study were all males aged between 40-54 years. The TEQ for PCBs was approximately 45 pg WHO-TEQ/g fat compared to 3.7 pg WHO-TEQ/g lipid for Australian males aged 31-60 years.

In Germany, Päpke et al (1996) analysed 104 blood samples in 1994 for PCB #77, #126 and #169 where the mean age of the participants was 38.5 years. The mean blood concentrations for the 3 congeners were 16.1 pg/g, 80.3 pg/g and 101.8 pg/g lipid, respectively. The authors did not provide TEQ values and also reported that the levels of PCB #77 may be affected by an outside contamination. For Australians aged between 31 to 45 years, the mean serum concentrations of PCB #126, PCB#169 and PCB #77 were 14.0, 10.5 and 25.9 pg/g lipid, respectively.

In another German study, Wuthe et al (1996) measured the blood fat concentrations of PCBs in pooled samples from children and individual samples from adults. The sample of children consisted of 142 boys and 144 girls aged <12 years. For the 15 adults, the mean blood values of PCB #126 and PCB #169 were 67.3 and 116.2 ng/g lipid, respectively. The children were from 3 different areas in Southern Germany, an urban industrial area, an industrial area within a rural setting, and a rural area. The mean sum value of PCB #126 for the 3 regions were, 44.8 ng/g, 45.2 ng/g and 41.9 ng/g lipid, respectively. For PCB #169, the levels were 29.4 ng/g, 30.3 ng/g and 34.0 ng/g lipid. The authors did not calculate TEQ values. In comparison, Australians aged <16 years exhibited PCB #126 and #169 serum levels of 13.1 and 5.3 pg/g lipid, respectively, while Australians aged 19-60 years had PCB #126 and #169 serum levels of 14.9 and 11.2 pg/g lipid, respectively.

3.1.1.3(b)(iii) Asian studies

In a study of 50 “normal” Japanese women aged ca. 20 years and without children, Iida et al (1999) reported a mean WHO-TEQ for coplanar PCBs was 4.9 pg/g lipid for samples collected between 1993-1994. In this current study, Australian females aged 16-30 years had a mean total PCB TEQ of 2.4 pg WHO-TEQ/g lipid. In the Japanese study, levels of PCB126 and PCB169 were 46 and 23 pg/g lipid respectively a mean

non-*ortho*-PCB concentration (ie. PCB 77, PCB81, PCB126 and PCB169) of 15 pg/g lipid in the Australian study.

A study of 253 Japanese subjects (112 women and 131 men), conducted by the Environment Agency of Japan in fiscal year 1998 (Ueda, 1999), reported a mean WHO-TEQ for coplanar PCBs of 7.3 pg TEQ/g fat with a range of 0.33-32 pg/g fat. There were no significant differences in PCB levels detected between 234 subjects who resided in "normal environmental regions" and 19 who resided in the vicinity of waste incineration facilities. In the Australian study, individuals aged between 16-60 years had a coplanar PCB serum concentration of approximately 26.5 pg/g lipid and a mean WHO-TEQ of 1.7 pg/g lipid (averaged across 16-30, 31-45 and 45-60 year age groups; see Table 3-2).

3.1.1.3(b)(iv) New Zealand studies

Buckland et al (2001) analysed 1,834 samples for levels of PCBs. Samples were obtained from people of both sexes, aged >15 years, Maori and non-Maori. The samples were pooled according to age, ethnicity, sex and geographic location to give 60 pools. The weighted mean levels of PCB #126 and PCB #169 were 30 and 20 pg/g lipid respectively. The total PCB TEQ (including ½ LODs) was 6.86 pg WHO-TEQ/g lipid.

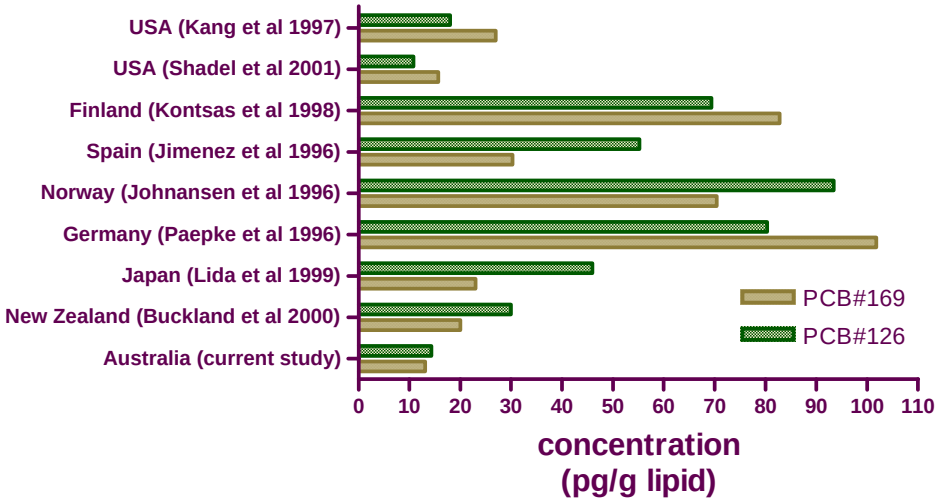

Figure 3-6 International comparison of blood serum levels of PCB #169 and #126 in non-occupationally exposed populations (pg/g lipid).

Data are reported on a lipid weight basis.

3.1.1.4 Derivations of body burden of PCDD/Fs and PCBs

For appraising the health risks of PCDD/Fs and PCBs to Australians, it is useful to also consider the concentrations of PCDD/Fs and PCB normalised for body weight and percent body fat (body burden). Estimation of the total body burden takes advantage of the fact that highly lipophilic, bioaccumulative compounds are relatively evenly

distributed in all lipid in the body. Measuring the dioxin concentrations in the lipid content of blood provides an estimation of dioxin concentration in all fat stores in the body. Data on the percentage of total body weight which is fat can then be used to estimate total body burdens.

3.1.1.4a Body Mass Index and Percent Body Fat

For the derivation of body burdens, an average percent total body fat for each region and age group was required. Ideally percent total body fat is measured using a variety of methods such as skin fold measurements or bioimpedance readings. Unfortunately for the Australian population, empirical percent total body fat data corresponding to the stratification criteria used in the dioxin serum level study was not available. Consequently percent total body fat for the Australian population was derived from the body mass index (BMI[25]) data, as this data was available for the different age and regions employed in this study. The Australian Bureau of Statistics provided mean BMI data collected using two different surveys. The 2001 National Health Survey (NHS, 2001) provided BMI data for individuals aged >16 years and the National Nutrition Survey conducted in 1995 (NNS, 1995) provided BMI data for individuals <16 years. The geographical stratification between the 2 different surveys was similar, but not identical (Table 3-3, Appendix V). However given the small differences in the mean BMI data between regions (Table 3-3), the differences in geographical stratification between the two national surveys were inconsequential.

Table 3-3 Body Mass Index data, by gender, age group and region.

Region[$]		**Northeast Urban**	**Southeast Urban**	**South Urban**	**West Urban**	**Rural**	**Average ± SD**
NNS (1995)		Metro QLD	Metro NSW/ACT	Metro VIC/TAS/VIC	Metro WA	Rural and NT	
NHS (2001)		Major urban QLD	Major urban NSW/ACT	Major urban VIC/TAS/SA	Major urban WA	Rural balance all states and territories	
Sex	**Age (years)**						
Male	<16#	20.10	20.50	20.50	20.50	20.80	20.48 ± 0.23
	16-30*	24.28	24.47	24.40	24.35	24.67	24.43 ± 0.15
	31-45*	26.95	26.43	26.16	26.38	26.96	26.58 ± 0.36
	46-60*	27.48	27.0	26.93	26.98	27.20	27.12 ± 0.27
	>60*	26.77	26.52	26.10	25.89	26.24	26.30 ± 0.25
Female	<16#	20.50	20.50	21.80	21.10	21.00	20.98 ± 0.54
	16-30*	23.48	23.10	22.52	22.83	23.66	23.12 ± 0.47
	31-45*	24.64	24.89	25.03	24.11	25.24	24.78 ± 0.43
	46-60*	26.32	25.95	26.72	25.47	27.05	26.30 ± 0.62
	>60*	25.72	26.01	25.60	26.42	25.73	25.90 ± 0.33

NNS (1995), * NHS (2001)

[$]Regions correspond to the geographical stratification used in the Australian study.

3.1.1.4(b) Model derivation and verification

[25] Body Mass Index (BMI, kg/m^2) is defined as the percent body weight per body area and is calculated by dividing body weight (kg) by the square of body height (m^2).

The derivation of percent body fat content from BMI data was performed using a modified literature model initially designed for white Americans (Equation 1) (Gallagher et al, 2000). The modified model was developed and verified using a limited data set containing percent body fat and BMI for the Australian population provided by the International Diabetes Institute (IDI) (Jonathan Shaw, Personal communication, 2004). This limited data set measured percent body fat by bioimpedance and calculated the BMI by standard methods. The data were stratified by age (25-34, 35-44, 45-54, 55-64 and 65-74 years) and sex, but not by regions. The equations used to derive percent body fat (%BF) from the BMI data for Australian males (Equation 2) and females (Equation 3) were as follows:

Equation 1: White Americans (Gallagher et al, 2000)

$$\%BF = 64.5 - 848 \times (1/BMI) + 0.079 \times AGE - 16.4 \times SEX + 0.05 \times AGE \times SEX + 39.0 \times SEX \times (1/BMI)$$

Where SEX = 1 for males and 0 for females

Equation 2: Australian Male [Sex = 1]

$$\%BF = 74.5 - 848 \times (1/BMI) + 0.079 \times Age + 0.05 \times Age + 39.0 \times (1/BMI) - 0.131 \times Age$$

Equation 3: Australian Female [Sex = 0]

$$\%BF = 64.5 - 848 \times (1/BMI) + 0.079 \times Age + 0.048 \times Age$$

Without modification and using the IDI data, equation 1 gave %BF values that were up to 5% lower than the actual %BF measured by bioimpedance. (Average standard error of estimate [SEE] values were 1.79% for males and 2.79% for females.) The limited data set illustrated that the %BF of Australians increased with increasing age to a greater extent than that predicted by the model of Gallagher et al (2000), hence the model was modified to accommodate the greater dependence of %BF on age. The derived %BF values using the modified algorithms and BMI data provided by the IDI are shown in Table 3-4. The derived %BF values had R^2 and average SEE values of 0.53 and 0.33% [males], and 0.51 and 1.39% [females].

Table 3-4 Verification of algorithm to derive %BF from BMI data for a limited data set

Age (years)	Male				Female			
	BMI[#]	%BF[#]	Calc. %BF[$]	SEE* (%)	BMI[#]	%BF[#]	Calc. %BF[$]	SEE* (%)
25-34	26.24	23.41	23.58	-0.17	24.58	36.54	39.37	-2.83
35-44	26.79	24.28	24.19	0.09	25.92	38.44	38.34	0.10
45-54	27.27	24.73	24.69	0.04	27.18	41.12	40.17	0.95
55-64	27.68	25.43	25.11	0.33	28.18	43.04	41.42	1.62
65-74	27.32	24.04	25.08	-1.04	27.89	41.20	42.65	-1.45
R^2 value				0.53				0.51
SEE (%)*				0.33				1.39

*SEE = Standard error of the estimate

[#] IDI data (%BF calculated from bioimpedance measurements, BMI calculated by standard methods).

$ Derived %BF using equations 2 or 3.

These algorithms were then used to derive %BF values from the BMI data supplied by ABS for the 5 regions and 5 age groups. These derived %BF values are reported in Tables 3-6 – 3-10 in the following section, and in appendices VII and VIII.

3.1.1.4(c) Dioxin body burdens using derived %BF values

The maximum and mean body burden of total dioxins expressed as ng WHO-TEQ/kg bw for both genders and the 5 age groups averaged across the 5 regions are listed in Table 3-5.

Table 3-5 Serum concentrations and body burden of total dioxin (PCDD/Fs plus PCBs) WHO-TEQ in Australians by gender, and age group, averaged across all regions.

Sex	Age (years)	Serum concentration (ng WHO-TEQ/kg lipid)#*		Body burden (ng WHO-TEQ/kg bw)	
		Maximum	Mean	Maximum	Mean
Male	<16	8.60	6.32	0.61	0.53
	16-30	7.50	5.69	1.41	1.21
	31-45	10.50	8.02	2.18	1.92
	46-60	14.80	12.44	3.30	3.05
	>60	21.60	18.51	4.68	4.35
Female	<16	8.30	6.05	2.14	1.72
	16-30	8.10	6.06	2.30	1.86
	31-45	13.50	8.88	4.30	3.11
	46-60	15.60	12.09	5.79	4.71
	>60	28.00	21.39	11.34	9.61

TEQs calculated using the 1997 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound TEQ).

* Maximas and means were calculated using data from individual pools.

Body burdens for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs), for males and females for each age group and region are presented in Tables 3-6 – 3-10 in the following section.

3.1.1.6(c)(i) Effects of gender on the body burden of PCDD/Fs and PCBs

The body burden data (Table 3-5) show a strong gender difference, with, on average a 54% (range 34-110%) higher body burden in females compared to males for the same age group (Figure 3-7). Generally, serum concentrations were similar for males and females within the same age group, except for the older age group, where women appeared to have higher concentrations. However, when normalised for body weight, women exhibited higher total dioxin body burdens across all age groups (Figure 3-7). This appears to be primarily influenced by the higher body fat content in women compared to that of men. As shown in Tables 3-6 – 3-10, body fat was on average 40% higher in women compared to men for the same age group.

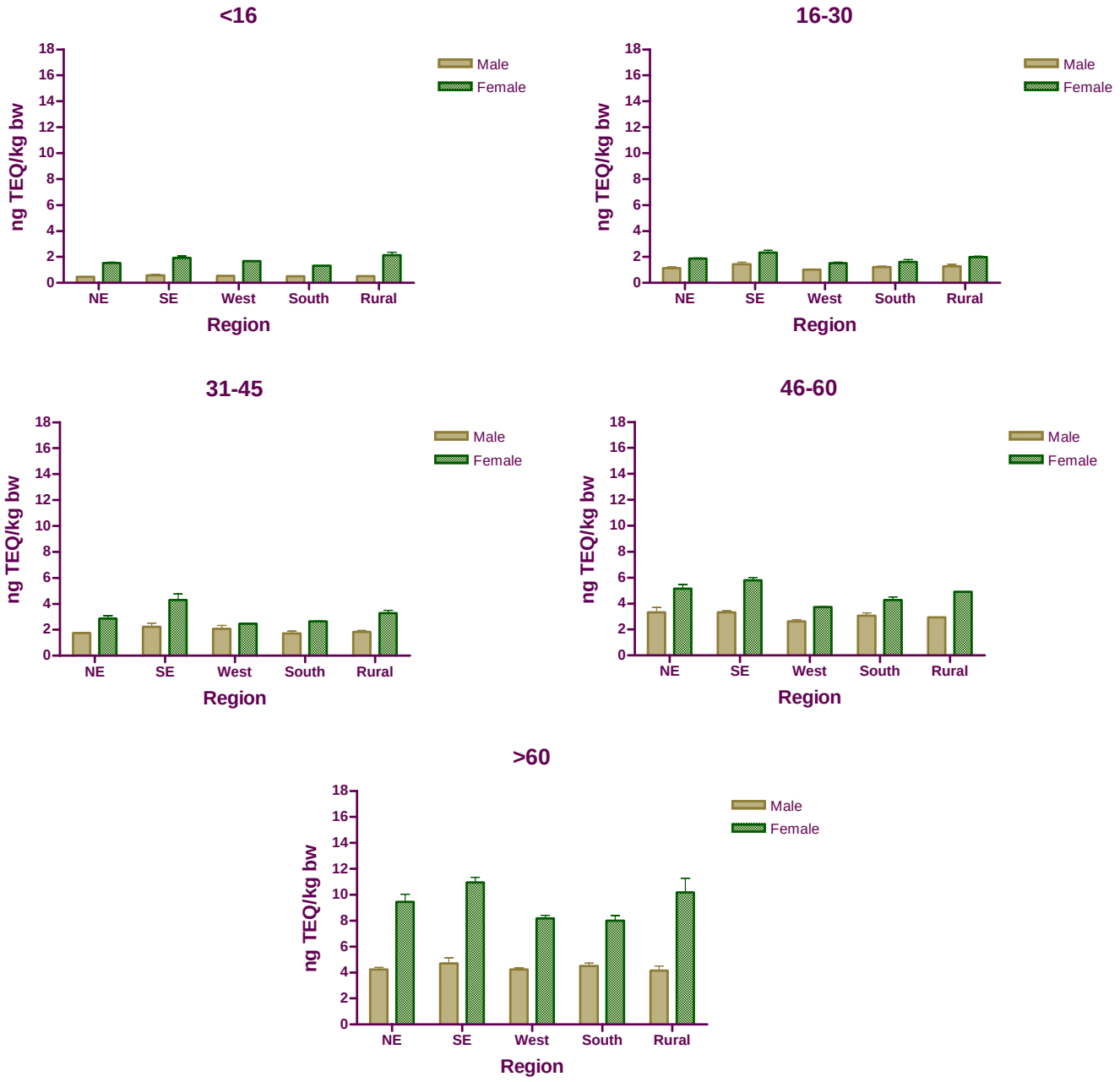

Figure 3-7 Mean body burden of total dioxins (WHO-TEQ/kg bw) in a representative group of the Australian population, by sex, age group and region.

Data shown represent mean body burdens for males and females from the all regions over the five age groups. Regions are Southeast urban (SE), Northeast urban (NE), South urban, West urban and rural.

3.1.1.4(c)(ii) Effects of age on the body burden of PCDD/Fs and PCBs

The trend of increasing total WHO-TEQ (PCDD/Fs plus PCBs) serum concentrations with age across all regions was also noted for total dioxin body burden (Figure 3-8). In males and females, there was a 6 to 8-fold increase in the total dioxin body burden of individuals aged >60 years when compared with the younger strata. Females >60 years had the highest mean dioxin body burden of 9.80 ng WHO-TEQ/kg bw compared to men of similar age (4.35 ng WHO-TEQ/kg bw) (Figure 3-8). Note that this difference in body burden (ie. amount per kg body weight) is a reflection of the significantly increased amount of body fat per unit bodyweight in females than in males (see %BF values in Tables 3-6 to 3-10); mean levels per unit lipid were similar for males and females.

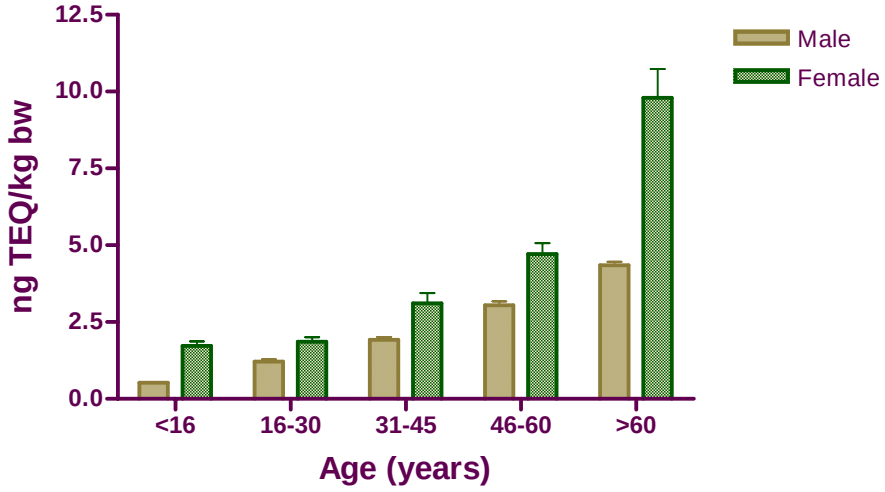

Figure 3-8 Mean body burden of total dioxins (WHO-TEQ/kg bw) in a representative group of the Australian population by sex and age group.

Data shown represent body burdens for males and females from the 5 age groups averaged across 5 regions.

3.1.1.4(c)(iii) Effects of region on the body burden of PCDD/Fs and PCBs

The individual body burden profiles of the Australian population for the 5 regions are shown in Appendix VI. Small geographical variations were observed, with total dioxin (PCDD/Fs plus PCBs) body burden tending to be marginally higher in the Southeast region (Sydney, Canberra, Wollongong, Newcastle and other major population centres in NSW) compared to other regions. This finding is unlikely to reflect an actual difference in exposure of the population in this region. With the exception of rural females, aged >60 years, there were no differences in body burden values between the urban or rural regions for either sex. For older women (>60 years; 10.2 ng WHO-TEQ/kg bw) residing in the rural region, body burden values were approximately 10% higher than similar aged urban females (9.1 ng WHO-TEQ/kg bw).

3.1.1.5 Derivation of the average lifetime daily exposure (ALDE)

Assuming steady-state conditions, the following expression can be used to estimate an approximate human daily intake to achieve the calculated body burden.

Intake (ng/kg bw/day) = body burden (ng/kg bw) x (0.693/half-life)/f

Where f is the fraction of the intake dose that is absorbed. Half-life is the average half-life of dioxins in the human body, assumed to be 7.5 years.

Dioxin compounds are absorbed through the gastrointestinal tract, skin and lungs. The degree of absorption varies with each congener, the route of absorption and the vehicle in which the dioxin is ingested. For the general population, oral intake of trace levels of these contaminants in foods accounts for 90% or more of the total intake. Findings in experimental animals indicate that oral exposure to TCDD in the diet or in an oil vehicle results in absorption of >50%, and often closer to 90% of the administered dose. More soluble congeners are almost completely absorbed, whilst extremely insoluble congeners, such as octachlorodibenzo-p-dioxin (OCDD) are poorly absorbed. Limited data from a single human volunteer suggest a high level (>85%) of absorption of TCDD in corn oil from the gastrointestinal tract. Thus, in the following calculations, the fraction of the dose that is absorbed was assumed to be 90% or f = 0.9. This value is in agreement with that used to model the ALDE for the New Zealand population, but is higher than the 50% value used by the WHO.

The WHO, in its 1998 re-evaluation of the tolerable daily intake, used a half-life of 7.5 years to estimate human intakes from animal body burden data (Van Leeuwen et al, 2000; Van Leeuwen & Younes, 2000). In the current risk appraisal, the half-life value used by WHO of 7.5 years has been used to calculate average lifetime daily intakes of dioxin compounds from body burden estimates[26].

The estimates of the equivalent daily intake of dioxin compounds for Australians by region, age and sex are reported in Tables 3-6 to 3-10.

It should be noted that the ALDE estimates in Tables 3-6 to 3-10 are calculated according to a simple steady-state model. As stated above, the calculations assume a half-life of 7.5 years for all dioxin-like compounds, assume that this half-life is constant over a person's lifetime, and assume a constant fraction absorbed. None of these assumptions are likely to be correct. For example, the average half-life probably increases with age (see 3.2.3 and discussion at 3.7.2). There is no perfect way to present these calculations, given all the uncertainties and the desire to use a simple rather than a very complex model. Therefore, these calculated figures are approximate estimates of dioxin intake at different ages and it should be borne in mind that significantly different values could be calculated using somewhat different assumptions for the half-life or the fraction absorbed for the different age groups.

[26] A recent analysis indicated mean half-lives of 6.9 years for the slower elimination period (measured from 3 to 16.35 years after exposure) in Seveso adults and 6.9 years for the slower elimination period for Ranch Hand veterans (9 to 33 years after exposure) (Michalek et al, 2002); both groups had an initial more rapid elimination phase, consistent with a two-compartment open model.

The ALDE estimates for total dioxins (PCDD/Fs plus PCBs) are similar to those reported for New Zealand (Buckland et al, 2001), with a minimum value of 0.13 pg WHO-TEQ/kg bw/d for males <16 years in the northeast urban region of Australia to a maximum of 2.96 pg WHO-TEQ/kg bw/d for women >60 years in the southeast urban region. The mean ALDE for all data was estimated as 1.32 pg WHO-TEQ/kg bw/d. (The mean ALDE estimated from New Zealand data for ages 15-65+ was 1.4 pg WHO-TEQ/kg/bw/d).

Table 3-6 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the Northeast urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	3.95	8.24	0.33	0.09
	PCBs		1.70		0.14	0.04
	Total		5.65		0.47	0.13
	PCDD/F	16-30	3.55	21.1	0.75	0.21
	PCBs		1.80		0.38	0.11
	Total		5.35		1.13	0.32
	PCDD/F	31-45	4.70	24.37	1.15	0.32
	PCBs		2.50		0.61	0.17
	Total		7.20		1.75	0.49
	PCDD/F	46-60	8.20	24.91	2.04	0.57
	PCBs		5.05		1.26	0.35
	Total		13.25		3.30	0.93
	PCDD/F	>60	10.25	24.09	2.47	0.69
	PCBs		7.15		1.72	0.48
	Total		17.50		4.22	1.19
Female	PCDD/F	<16	3.40	28.44	0.97	0.27
	PCBs		2.00		0.57	0.16
	Total		5.40		1.54	0.43
	PCDD/F	16-30	4.00	31.31	1.25	0.35
	PCBs		1.95		0.61	0.17
	Total		5.95		1.86	0.52
	PCDD/F	31-45	5.85	34.19	2.00	0.56
	PCBs		2.50		0.85	0.24
	Total		8.35		2.85	0.80
	PCDD/F	46-60	8.60	39.01	3.35	0.94
	PCBs		3.90		1.52	0.43
	Total		12.50		4.88	1.37
	PCDD/F	>60	14.00	40.17	5.62	1.58
	PCBs		9.55		3.84	1.08
	Total		23.50		9.44	2.66

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from the National Health Survey (NHS, 2001) (>16 years) and the National Nutrition Survey (NNS, 1995) (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-7 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the Southeast urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	4.40	8.42	0.37	0.09
	PCBs		2.50		0.21	0.08
	Total		6.90		0.58	0.17
	PCDD/F	16-30	4.10	21.36	0.88	0.25
	PCBs		2.60		0.56	0.16
	Total		6.70		1.43	0.40
	PCDD/F	31-45	5.40	23.78	1.28	0.36
	PCBs		3.95		0.94	0.26
	Total		9.35		2.22	0.63
	PCDD/F	46-60	7.60	24.39	1.85	0.52
	PCBs		5.95		1.45	0.41
	Total		13.55		3.30	0.93
	PCDD/F	>60	10.95	23.81	2.61	0.73
	PCBs		8.80		2.10	0.59
	Total		19.75		4.70	1.32
Female	PCDD/F	<16	3.05	28.44	0.87	0.24
	PCBs		3.75		1.07	0.30
	Total		6.80		1.93	0.54
	PCDD/F	16-30	3.45	30.71	1.06	0.30
	PCBs		4.15		1.27	0.36
	Total		7.60		2.33	0.66
	PCDD/F	31-45	5.80	35.26	2.05	0.58
	PCBs		6.40		2.26	0.63
	Total		12.20		4.30	1.21
	PCDD/F	46-60	7.95	38.55	3.06	0.86
	PCBs		7.10		2.74	0.77
	Total		15.05		5.80	1.63
	PCDD/F	>60	16.00	40.53	6.48	1.82
	PCBs		10.50		4.26	1.20
	Total		26.00		10.54	2.96

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from the National Health Survey (NHS, 2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS (NNS, 1995), using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-8 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the South urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	4.60	8.30	0.38	0.11
	PCBs		1.50		0.12	0.04
	Total		6.10		0.51	0.14
	PCDD/F	16-30	3.80	21.27	0.81	0.23
	PCBs		1.90		0.40	0.11
	Total		5.70		1.21	0.34
	PCDD/F	31-45	5.20	23.46	1.22	0.34
	PCBs		2.05		0.48	0.14
	Total		7.25		1.70	0.48
	PCDD/F	46-60	8.75	24.31	2.13	0.60
	PCBs		3.90		0.95	0.27
	Total		12.65		3.08	0.86
	PCDD/F	>60	13.00	23.32	3.03	0.85
	PCBs		6.30		1.47	0.41
	Total		19.30		4.50	1.27
Female	PCDD/F	<16	3.10	28.37	0.88	0.25
	PCBs		1.40		0.40	0.11
	Total		4.60		1.31	0.37
	PCDD/F	16-30	3.80	29.77	1.13	0.32
	PCBs		1.60		0.48	0.13
	Total		5.40		1.61	0.45
	PCDD/F	31-45	5.60	35.51	1.99	0.56
	PCBs		1.85		0.66	0.18
	Total		7.45		2.65	0.74
	PCDD/F	46-60	7.60	39.49	3.00	0.84
	PCBs		3.20		1.26	0.36
	Total		10.80		4.26	1.20
	PCDD/F	>60	14.00	40.01	5.60	1.58
	PCBs		6.10		2.44	0.69
	Total		20.00		8.00	2.25

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from National Health Survey (2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-9 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the West urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	4.50	8.30	0.37	0.11
	PCBs		1.90		0.16	0.04
	Total		6.40		0.53	0.15
	PCDD/F	16-30	3.10	21.20	0.66	0.18
	PCBs		1.65		0.35	0.10
	Total		4.75		1.01	0.28
	PCDD/F	31-45	6.20	23.72	1.47	0.41
	PCBs		2.55		0.60	0.17
	Total		8.75		2.08	0.58
	PCDD/F	46-60	6.80	24.36	1.66	0.47
	PCBs		4.05		0.99	0.28
	Total		10.85		2.64	0.74
	PCDD/F	>60	11.50	23.06	2.65	0.75
	PCBs		6.85		1.58	0.44
	Total		18.35		4.23	1.19
Female	PCDD/F	<16	4.30	28.41	1.22	0.34
	PCBs		1.60		0.45	0.13
	Total		5.90		1.68	0.47
	PCDD/F	16-30	3.65	30.28	1.11	0.31
	PCBs		1.40		0.42	0.12
	Total		5.05		1.53	0.43
	PCDD/F	31-45	5.00	34.15	1.71	0.48
	PCBs		2.20		0.75	0.21
	Total		7.20		2.46	0.69
	PCDD/F	46-60	6.70	37.94	2.54	0.72
	PCBs		3.10		1.18	0.33
	Total		9.80		3.72	1.05
	PCDD/F	>60	13.50	41.04	5.54	1.56
	PCBs		6.45		2.65	0.74
	Total		19.95		8.19	2.30

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from National Health Survey (2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-10 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the rural region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<15	4.20	8.34	0.35	0.10
	PCBs		2.05		0.17	0.05
	Total		6.25		0.52	0.15
	PCDD/F	16-30	3.90	21.63	0.84	0.24
	PCBs		2.05		0.44	0.12
	Total		5.95		1.29	0.36
	PCDD/F	31-45	5.20	24.38	1.27	0.36
	PCBs		2.35		0.57	0.16
	Total		7.55		1.84	0.52
	PCDD/F	46-60	7.45	24.61	1.83	0.52
	PCBs		4.45		1.10	0.31
	Total		11.90		2.93	0.82
	PCDD/F	>60	10.35	23.48	2.43	0.68
	PCBs		7.30		1.71	0.48
	Total		17.65		4.14	1.17
Female	PCDD/F	<15	3.85	28.41	1.09	0.31
	PCBs		3.70		1.05	0.30
	Total		7.55		2.14	0.60
	PCDD/F	16-30	3.50	31.58	1.11	0.31
	PCBs		2.80		0.88	0.25
	Total		6.30		1.99	0.56
	PCDD/F	31-45	6.10	35.73	2.18	0.61
	PCBs		3.10		1.11	0.31
	Total		9.20		3.29	0.92
	PCDD/F	46-60	7.95	39.88	3.17	0.89
	PCBs		4.35		1.73	0.49
	Total		12.30		4.91	1.38
	PCDD/F	>60	15.50	40.18	6.23	1.75
	PCBs		9.85		3.96	1.11
	Total		25.35		10.19	2.86

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from National Health Survey (2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

$$Intake\ (ng/kg\ bw/d) = Body\ burden\ (ng/kg\ bw) \times 0.693/half\text{-}life/f$$

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

3.1.1.8 Conclusions

Whilst the serum study is an important assessment of the levels of dioxin compounds in the Australian population, it has a number of limitations. In particular, by pooling samples, it is not possible to examine the distribution of contaminant levels among individuals. Additionally, because of the use of de-identified samples there was no means by which the length of residence in a particular area could be verified. Nevertheless, the study has enabled a number of important conclusions to be made.

1. **National averages:** the National average serum concentration and body burden for dioxin compounds was 10.9 ng WHO-TEQ/kg lipid and 3.22 ng WHO-TEQ/kg bw, respectively. The mean ALDE for all data was estimated as 1.32 pg WHO-TEQ/kg bw/day.

2. **Age variations:** Serum concentrations of PCDD/Fs and PCBs were found to increase with age. Thus, the mean serum concentration of PCDD/Fs ranged from 3.54 ng WHO-TEQ/kg lipid for <16 year old females, to 14.30 ng WHO-TEQ/kg lipid for the >60 year old females. For PCBs, the mean serum concentration ranged from 2.11 ng WHO-TEQ/kg lipid for <16 year old males, to 9.99 ng WHO-TEQ/kg lipid for the >60 year old females. For total dioxin compounds (PCDD/Fs plus PCBs), the mean serum concentration ranged from 6.05 ng WHO-TEQ/kg lipid for <16 year old males, to 24.26 ng WHO-TEQ/kg lipid for the >60 year old females. As noted elsewhere, older people are likely to have experienced higher exposures due to higher environmental levels of dioxin-like compounds in the mid-20th Century; since then, environmental levels have been decreasing (see further discussion on this below).

Similarly when normalised to body weight, serum concentrations increased with age. Thus the mean body burdens for total dioxins (PCDD/Fs plus PCBs) ranged from 0.47 ng WHO-TEQ/kg bw for <16 year old males to 4.70 ng WHO-TEQ/kg bw for >60 year old males, and from 2.14 ng WHO-TEQ/kg bw for <16 year old females to 11.34 ng WHO-TEQ/kg bw for >60 year old females. The higher body burden in older people is likely to reflect higher historical environmental exposures to dioxin compounds in the 1960s and 70s, and the fact that these compounds are only slowly metabolised and excreted from the body. Additionally, given that older people have higher percent total body fat compared to the younger strata, the higher body burden also results from the continuous deposition of dioxin compounds in adipose tissue.

3. **Geographical variations:** Small geographical variations were observed, with total dioxin (PCDD/Fs plus PCBs) serum concentrations and body burdens tending to be marginally higher in the Southeast region (Sydney, Canberra, Wollongong, Newcastle and other major population centres in New South Wales) compared to other 3 urban (South, West and Northeast) and rural regions, with the exception of older rural women (>60 years). For older women (>60 years; 10.2 ng WHO-TEQ/kg bw) residing in the rural region, body burden values were approximately 10% higher than similar aged urban females (9.1 ng WHO-TEQ/kg bw). These findings are unlikely to reflect any actual differences in exposure of the population in these regions.

4. **Sex variations:** Generally no clear differences in serum concentrations were found between males and females, although women from the oldest age group (>60 years) appear to have higher concentrations then similar aged men. However when expressed as body burdens, women consistently had higher amounts of dioxin compounds per kilogram body weight than men for the same age group. This was probably largely due to the higher total body fat in females compared to males. It could reasonably be expected that breast-feeding might help reduce serum levels of dioxins; however this study which used pooling of a limited

number of pathology samples across a range of age groups would not be likely to detect such an effect.

The study also found that, on average, PCBs accounted for approximately 30-40% of the total TEQ associated with the general population exposures to dioxin compounds.

5. **International comparisons:** In the Australian population, the blood serum levels of PCDD/Fs expressed as WHO-TEQ pg/g lipid were generally lower than those observed in American, European or New Zealand studies, and similar to values reported in Asian studies.

For the majority of studies, the concentrations of PCB #169 and PCB #126 in blood sera from the Australian population was lower than that reported for subjects from America, Europe, Asia or New Zealand. Moreover, in some studies the level of PCB #126 or PCB #169 was up to 10-fold lower than that reported in some European countries (Norway, Germany or Finland).

3.1.2 Breast milk analysis

Dioxin-like compounds are lipid soluble, poorly eliminated and thus can accumulate in human fat, including the lipids of human milk. Since PCDD/F concentrations in blood and human milk are reasonably similar when concentrations are expressed on a lipid basis, human milk levels can provide a monitoring tool for exposure of a given population in a particular area (Päpke, 1998). Recently a reasonably comprehensive study on levels of PCDD/Fs and dioxin-like PCBs in human milk samples from Australian primiparous mothers has been published (Müller et al, 2003a); these results are considered below, with respect to estimating levels of exposure of the Australian population to dioxin-like compounds.

The objective of the study by Müller et al (2003a) was to investigate the levels of dioxins and dioxin-like compounds (PCDD/Fs and PCBs) in pooled human milk samples of cohorts from Australian urban, industrial and rural environments. The protocol used was identical to that used by the World Health Organization (WHO) in international studies conducted during 1987/88, 1992/93 and 2003. Once lactation was established, about 100 ml of milk was collected by each of the study participants, from which aliquots of 30 ml from each of ca. 10 mothers were pooled to give samples of about 300 ml, representing 12 regions. Besides exposure, the key factors affecting the levels of dioxin-like compounds in human breast milk are the number of children that have been breast fed by an individual (Fürst et al. 1989; Yang et al, 2002), the duration of the lactation period and maternal age (Fürst et al, 1992b). The first two factors were controlled by limiting participants to primiparous mothers breastfeeding an infant aged between 2 and 8 weeks post-partum. The mean age ($\pm$ SD) of mothers in the study was 30.7 $\pm$ 4.5 years, with the individual pools ranging from 26.8 $\pm$ 5.4 to 34.0 $\pm$ 3.4 years.

Pooled samples from Adelaide (2 separate pools), Brisbane, Darwin Hobart, Melbourne (4 pools), Perth and Sydney (2 pools) represented urban environments, Newcastle and Wollongong each provided a pooled sample representing more industrialised urban environments, while samples from the regional centres of Dalby and Bendigo/Ballarat/Lakes Entrance provided two pools representing rural regions. In total,

173 samples were collected from 12 regions between October 2001 and September 2003. Of these, 16 were excluded because they were found to have violated the inclusion/exclusion criteria. The remaining 157 samples were analysed as 17 pooled samples.

In addition to these samples a further 24 "historical" samples that were collected in 1993 were obtained from the Faculty of Life Sciences, School of Medical Sciences at RMIT University, Melbourne (courtesy of Prof. Jorma Ahokas). They were analysed as three pools of eight samples, to give a total of 20 pooled samples for analysis.

All pooled samples were assayed by the Australian Government Analytical Laboratories (AGAL), Sydney, and two duplicate samples were sent to the State Laboratory of Nordrhein-Westfalen, Münster, Germany. Both laboratories are accredited for dioxin analysis.

Dioxin-like chemicals were detected in all pooled samples. It should be noted that because of good assay sensitivity and the fact that a significant number of the congeners of the PCDD/F and PCBs were detected in the samples, the differences between lower-, middle- and upper-bound means and medians in this study were quite small. For samples collected during 2001-2003, the mean and median upper-bound levels of summed PCDD/Fs and PCBs, were 9.0 and 8.9 pg WHO-TEQ/g lipid, respectively (see Appendix IX). The average lipid concentration of all pooled samples was 3.7 $\pm$ 0.5%.

Of all analysed samples, PCDD and PCDF congeners were detected in 93% and 62%, respectively. The levels of TCDD detected in all samples were very low and ranged from <0.6 pg/g lipid in the Wollongong sample to 1.4 pg/g lipid detected in one of the two pooled Sydney samples. The average contribution of TCDD to the total WHO-TEQ for all pooled samples was 8.7%. On a concentration pg/g lipid basis, OCDD was the PCDD/F congener with the highest concentration in all pooled breast milk samples. Table 3-11 below lists the congeners making the most contribution to total WHO-TEQ in the breast milk and blood plasma (see Section 3.1.1). On average, the PCBs contributed about 30% of the total WHO-TEQ in breast milk.

Table 3-11 Main congeners contributing to total WHO-TEQ - breast milk and blood

Congener	Breast Milk (1993)	Breast Milk (2001-2003)	Blood Plasma
TCDD/Fs			
1,2,3,7,8-PeCDD	26.9%	25.5%	19.0%
2,3,4,7,8-PeCDF	12.8%	13.8%	8.1%
1,2,3,6,7,8-HxCDD	10.4%	9.6%	11%
non-ortho-PCBs			
PCB126	12.7%	18.9%	18.0%
mono-ortho-PCBs			
PCB156	5.9%	7.0%	9.2%

In breast milk collected in or close to an industrial area of Wallonia in Belgium (Focant et al, 2002) 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 2,3,4,7,8-PeCDF and PCB-126 accounted for more than 90% of the WHO-TEQ. In breast milk from two areas in Korea, 2,3,4,7,8-PeCDD was the predominant PCDD/PCDF congener, with 2,3,7,8-TCDD being less than 3% of total PCDDs/PCDFs (Yang et al, 2002).

No obvious or systematic differences were observed in the levels of dioxin-like chemicals in breast milk samples collected from different regions of Australia during 2001-2003. Thus there were no significant difference between samples taken from urban and regional rural centres or between industrialised urban and other centres (see Appendix X). Levels, expressed as upper bound WHO-TEQs varied by a factor of 2.5, from a minimum value of 6 pg WHO-TEQ/g lipid in the rural Queensland sample to 15.2 pg WHO-TEQ/g lipid in the Brisbane sample (one pool from this city). The lowest concentrations were found in samples from a rural centre in Queensland, Wollongong (a quite heavily industrialised city), Adelaide (one of the two pools from this city), and Hobart. The higher value in the Brisbane sample was somewhat unexpected since in a previous study carried out as part of the worldwide WHO study on dioxins in breast milk, levels in a Brisbane sample were found to be close to the mean level observed of 8.3 pg WHO-TEQ/g lipid. The present result reflects an unusually low lipid content of 2.8% in the Brisbane sample, cf. 3.8 ± 0.5% for all remaining 16 samples. For results that are expressed on a lipid basis, a reduced lipid content can cause an overestimation of the actual concentration. If lipids are degraded in a sample (eg. when a sample is not adequately stored), an increase in the levels of dioxin-like compounds per unit lipid may be expected. The sampling design of this study relied on mothers collecting and storing samples themselves. Although instructions were provided, the study authors stated that it was unknown whether these instructions were always followed explicitly.

For samples collected from Melbourne women in 1993, the mean and median levels (upper bound) of PCDD/Fs and PCBs were 16 and 16.4 pg WHO-TEQ/g lipid, respectively (see Appendix IX). The average lipid concentration of these pooled samples was 3.9 $\pm$ 0.7%.

A comparison of the samples collected from Melbourne women in 1993 with those collected for the present study (2001 - 2003) clearly shows that the levels of dioxin-like compounds decreased over the ten-year time period. This is apparent if the comparison is done with all pooled samples from 2001 -2003 or just with the 4 Melbourne pools, for which the mean and median levels (upper bound) were 9.3 and 8.8 pg WHO-TEQ/g lipid. It should be noted that details of maternal parity and infant age at date of collection was not available for the older samples. However, despite this limitation, a clear decrease in the levels of these compounds over time was observed. The concentration decreased by approximately 45% between 1993 and 2001-2003. Consistently, PCDD/Fs as well as PCBs decreased in the samples.

Table 3-12 Change in WHO-TEQs in breast milk over 10 years

pg WHO-TEQ per g lipid	1993 Samples	2001-2003 Samples	
	Melbourne (3 pools)	Australia (17 pools)	Melbourne (4 pools)
Mean	16.0	9.0	9.3
Median	16.4	8.9	8.8

Data are upper bound means and medians.

A plot of the WHO-TEQ versus average age of donor mothers found no significant correlation ($r^2 = 0.16$). Similarly, the New Zealand breast milk study did not identify any relationship ($r^2 = 0.10$) between age and dioxin levels (Bates et al, 2001). Other studies have found a positive correlation between increasing maternal age and the levels of dioxin-like compounds (Fürst et al, 1992b; Beck et al, 1989); the lack of such a correlation in the Australian and New Zealand populations could possibly be due to the lower overall levels of dioxin-like compounds compared with breast milk levels in Europe and North America. Nevertheless, this relationship would be better assessed by examining individual rather than pooled samples.

The 1987/88 and 1992/93 international comparison studies organised by the WHO indicated that levels of dioxins in human milk were relatively high in industrialised countries when compared with non-industrialised countries (Liem et al, 2000). However, these international studies noted an average decline of breast-milk dioxin levels between the 2nd round investigation in 1992/1993 and the 3rd round in 2003 of about 40% (Malisch & Van Leeuwen 2003), with the largest declines in countries with the highest initial levels (Van Leeuwen & Malisch, 2002). In Japan, assays of breast milk samples collected in Osaka between 1973 - 1996 and stored frozen showed that the concentrations of dioxin-like compounds decreased by 50% over that period (Hirayama, 2000). Consistent with worldwide trends, the levels of dioxin-like compounds in the breast-milk of Australian mothers have significantly decreased over a ten-year period from 1993 to 2003.

As noted above, no consistent trends were observed between pools obtained from rural, industrial or urban regions of Australia. This is in agreement with results obtained in other studies in New Zealand (Bates et al, 2001) and Europe (Fürst et al, 1992b, Deml et al, 1996).

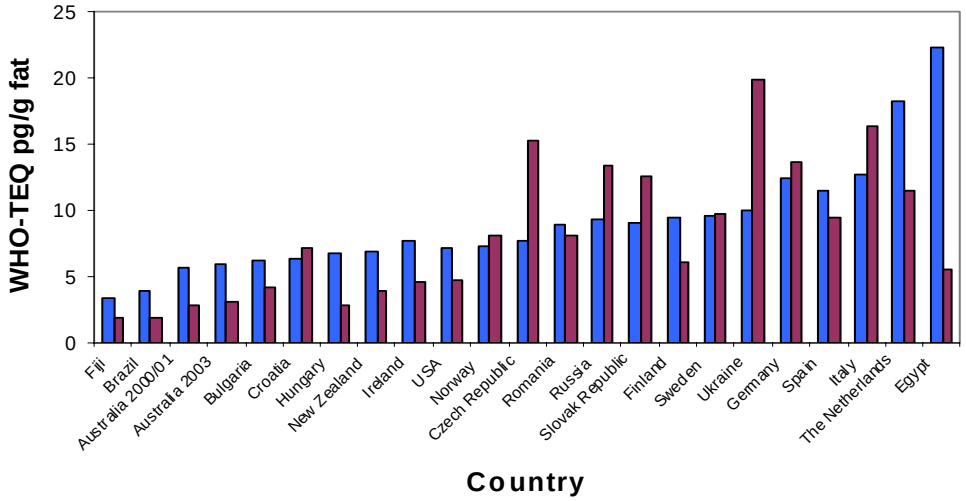

Figure 3-9 Comparison of levels of PCDD/Fs and PCBs in pooled human milk. (The first column for each country represents PCDD/Fs and the second, PCBs.)

Figure 3-9 graphically presents a comparison of PCDD/Fs and PCBs (as WHO-TEQ pg/g lipid) from the 3rd round WHO study from 2003. The lowest levels of PCDD/Fs and dioxin-like PCBs were found in the Southern hemisphere (Fiji, Brazil, Australia and New Zealand); in fact, after Fiji and Brazil, Australia had the third lowest levels of the 22 countries included in the comparison. Egypt had the highest WHO-TEQ levels for PCDD/Fs and the Ukraine had the highest WHO-TEQ for PCBs (Malisch & Van Leeuwen, 2003). Van Leeuwen & Malisch (2002) noted that for only a few countries (Australia, Brazil, Bulgaria and Hungary) were the observed levels for all three groups of compounds (PCDD/Fs, dioxin-like PCBs and indicator PCBs) consistently lower than other countries.

Higher levels than reported above have been reported from mothers living near heavily industrialised sites. Thus, relatively high levels of dioxin-like compounds have been reported in 20 non-pooled breast milk samples collected in or close to an industrial area of Wallonia in Belgium (Focant et al, 2002); PCDD/F concentrations ranged between 16.0 - 52.1 pg WHO-TEQ/g fat, with a mean of 29.4 pg TEQ/g fat. If coplanar PCBs (77, 126, 169) were included, levels ranged between 22.2 - 100.2 pg TEQ/g fat, with a mean of 40.8 pg TEQ/g fat. Similarly, the mean content of dioxins in seven pooled samples of human milk (40 individual trials) from Chapaevsk in Russia was 42.26 pg TEQ/g fat; Chapaevsk, in the Samara Region, is home to the Middle Volga chemical plant which produced hexachlorocyclohexane (lindane) and related chemicals from 1967 to 1987 (Revich et al, 2001).

Breast milk and blood have both been used to estimate body burdens of dioxin-like compounds in humans. Results of previous studies indicate that congener profiles differ somewhat between the two media. For the present study, no blood samples were collected from the participants and so the results obtained from blood serum study (Harden et al, 2004; see Section 3.1.1) were used for comparative purposes. Blood serum data were modelled to take into account age and then compared with predicted results on the basis of the average age of the donor mothers in each milk pool; overall, there was reasonably good agreement between the results from breast milk and plasma (for further details see Müller et al, 2004).

Despite the overall good comparability of the data from the blood and the breast milk study it may be noted that the PCDD/F and PCB congener profiles in the breast milk samples are slightly different from those observed in the blood study of the same age group. Specifically, PCBs and lower chlorinated dibenzodioxins occurred at similar or higher concentrations in breast milk samples compared to the blood samples. However with increasing level of chlorination (i.e. increasing hydrophobicity), there was a shift towards higher concentrations of congeners in the blood compared with breast milk.

In conclusion, the levels of dioxin-like chemicals in the breast milk of Australian women are similar across all regions of Australia but low by international standards. Consistent with world-wide trends, the levels of dioxin-like compounds have decreased over a ten-year period from 1993 to 2003, reflecting a global trend over recent decades of declining levels of dioxin-like compounds in the environment and in human tissues.

Since breast-milk levels can be taken to indicate the extent of exposure to dioxin-like compounds (after controlling for the number of children that have been breast fed by an individual, the duration of lactation, and maternal age), the international comparison of breast-milk levels of PCDD/Fs and PCBs for 22 countries indicates that Australian population exposures (including mothers and their breast-fed infants) are close to the lowest end of the scale.

Infants' dietary intake of PCDD/Fs and PCBs from breast milk is considered in Section 3.2.3.

3.2 Dietary Intake

As demonstrated by a variety of international risk assessments for dioxins, dietary exposure is expected to represent the greatest proportion of the overall intake of dioxins. Food Standards Australia New Zealand (FSANZ) conducted a survey of dioxins in a range of foods, which are representative of the total diet, in order to estimate the dietary exposure of Australians to dioxins (FSANZ, 2004). The contribution of dietary intake to the overall intake of dioxins and a comparison of the estimated dietary intake with the TMI are included in Chapter 4, Section 4.1.

3.2.1 Food Intake assessment

3.2.1.1 Survey of Australian foods for dioxin levels

Since no data existed in Australia on dioxin concentrations in food, an analytical survey was required before a dietary exposure assessment could be conducted.

Dioxin concentration data were obtained from the analysis of a range of foods sampled. A total of 168 composite samples of 22 different foods were analysed. Details of these foods are given in Appendix XI. Foods likely to have higher levels of dioxins (*eg.* meat, fish and dairy products) and those foods that are central to the Australian diet ('core foods' such as bread, potatoes, orange juice) were analysed.

Each sample analysed for dioxins was made up of a composite of four food purchases for core foods, or three food purchases for all other foods. Where appropriate, the composite food samples were prepared to a 'table ready' state before analysis, thus best representing the amounts of dioxins that would be consumed. For example, meat and eggs were cooked, while no additional preparation occurred for composite milk or bread samples. Details of the preparation undertaken for each food are available in the Supplementary Information (Part 5) to the 20th ATDS on the FSANZ web site (www.foodstandards.gov.au).

The methods used for the analysis of dioxins in food were based on the United States Environmental Protection Agency (US EPA) *Method 1613 Revision B* for PCDDs/PCDFs and *Method 1668 Revision A* for PCBs. Both methods use the technique of isotope dilution with high-resolution mass spectrometry for dioxin determination. These methods are available on the US EPA web site (www.epa.gov).

Survey samples were analysed for the 29 PCDD, PCDF and PCB congeners for which the WHO derived toxic equivalency factors (TEFs) for human risk assessment. WHO Toxic Equivalents (WHO-TEQs) (picograms/gram) were calculated by summing the weighted concentrations for each of the 17 specified PCDD/F and 12 PCB congeners, on both a fresh weight and lipid weight basis, for each food analysis. For foods with very low levels of lipid (*eg.* orange juice), WHO-TEQs were determined on a fresh weight basis only. Results were reported as both the lower bound and upper bound WHO-TEQs for each food sample (see introductory section for Chapter 3), noting that in this study the limit of quantitation (LOQ) rather than the limit of detection (LOD) was used and the LOQ is higher than the LOD.

No analysis of drinking water was carried out as a part of this survey. Given the exceedingly low water solubility of dioxins, there is virtually no exposure from drinking water, whether or not the water is chlorinated.

A summary of the mean PCDD/F and PCB concentrations for each food used in the dietary modelling is shown in Table 3-13. Individual composite sample PCDD/F and PCB summary results are available from FSANZ (FSANZ, 2004).

Peanut butter was selected for inclusion in the dioxin survey as it is a relatively high fat product, and can be a high consumption food in the diet of children. While still at a relatively low level, the lower and upper bound results for one peanut butter sample were unexpectedly high in PCDD/F (0.14-0.32 pg WHO-TEQ/gram) compared to other foods analysed in the survey. The high result was still included in the dietary modelling because it was from random samples of peanut butter available on supermarket shelves for purchase and consumption by the general public. The mean value of the four peanut butter analyses was used for the dietary modelling.

Of the ten composite fish fillet samples analysed, one sample contained greater amounts of PCBs than all the other composite samples. The high result was still included in the dietary modelling because it was from random samples of fish fillets available in supermarket for purchase and consumption by the general public. The mean value of the ten fish fillet analyses was used for the dietary modelling.

Table 3-13 Mean levels of PCDD/Fs and PCBs in Australian food

Food	Number of composite samples	PCDD/Fs		PCBs	
		Lower Bound pg WHO-TEQ/g	Upper Bound pg WHO-TEQ/g	Lower Bound pg WHO-TEQ/g	Upper Bound pg WHO-TEQ/g
Bacon	10	0.0135	0.0613	0.0117	0.0214
Baked beans	3	0.0002	0.0139	0.0011	0.0024
Bread, white	3	0.0004	0.0210	0.0003	0.0045
Butter	10	0.0105	0.1984	0.0173	0.0697
Chicken breast	11	0.0006	0.0156	0.0038	0.0057
Eggs	13	0.0026	0.0447	0.0062	0.0121
Fish fillets	10	0.0803	0.1269	0.5097	0.5100
Fish portions	9	0.0013	0.0183	0.0175	0.0204
Hamburger	10	0.0002	0.0197	0.0003	0.0069
Infant formula	5	0.0016	0.0150	0.0019	0.0027
Lamb chops	11	0.0004	0.0360	0.0040	0.0091
Leg ham	9	0.0004	0.0137	0.0012	0.0030
Liver pate	4	0.0005	0.0325	0.0020	0.0104
Margarine	6	0.0006	0.0508	0.0019	0.0071
Milk chocolate	1	0.0029	0.0440	0.0048	0.0120
Milk, whole	13	0.0010	0.0065	0.0013	0.0060
Minced beef	14	0.0008	0.0328	0.0046	0.0148
Orange juice	3	0.0000	0.0071	0.0002	0.0004
Peanut butter	4	0.0350	0.2350	0.0003	0.0132
Potatoes	3	0.0002	0.0127	0.0001	0.0016
Sausage	11	0.0013	0.0407	0.0083	0.0171
Tuna, canned	5	0.0024	0.0142	0.0269	0.0272

All samples are composites of three or four purchases.
All results are reported on a fresh weight basis.

3.2.1.2 International comparison of dioxin levels in food

Comparison of dioxin concentrations in food across different monitoring programs is difficult since there are differences in foods sampled, analytical methodologies and calculation and reporting of TEQs. Furthermore, some data may have been collected up to a decade ago and dioxin intakes would have fallen in the last decade. Therefore, a comparison of contemporary data with older data should be done cautiously. However, Tables 3-14 and 3-15 give some indication of the measured concentrations of dioxins in selected Australian foods compared with those measured in foods from other areas of the world. Data for the tables were derived from data reported by the European Commission (2000), the Codex Alimentarius Commission (2003), the US EPA (2000) and the Buckland et al (1998a), unless otherwise indicated. It should be noted that the Australian values reported in Table 3-14 are WHO-TEQs, which are 10-20% higher than the I-TEQs reported for other areas of the world.

Generally, Australian foods have levels of PCDD/Fs and PCBs that are similar to those reported in New Zealand and lower than those reported from other areas of the world.

Table 3-14 A comparison of PCDD/F concentrations in selected foods from different areas of the world.

Food	Mean PCDD/F I-TEQ (pg/g lipid weight)				
	Australia[1]	New Zealand[2]	USA	Europe[9]	Asia[9]
Beef	0.0006-0.24	0-0.11	0.89-2.86[5]	0.68	1.0
Pork	0.05-0.22[3]	0-0.20[4]	0.64-3.97[5]	0.26	0.8
Lamb	0.004-0.25	0-0.07	-	-	-
Poultry	0.02-0.53	0.037-0.29	0.10-5.17[5]	0.524	0.67
Fish	1.56-3.04	0.33-0.41	2.45-21.1[5]	9.92	0.002-10.2[6]
Eggs	0.013-0.42	0.017-0.12	0.8	1.19	-
Milk	0.04-0.23	0.019-0.16	0.98[7]	0.97	0.3-1.8
Bread/cereals[6]	0.00039-0.021	0.0012-0.0059	-	0.019	-
Fruit/ vegetables[6]	0.000023-0.013	0.0012-0.0016[8]	-	0.029	-

[1]-Values are WHO-TEQs which are 10-20% higher than I-TEQs and are reported as range of lower bound to upper bound
[2]-All New Zealand values reported a range of lower bound to medium bound
[3]- Assumes bacon is representative of all pork products
[4]-Pork meat
[5]- Values reported in Schecter et al (1997)
[6]- On a fresh wt basis
[7]- Calculated from fresh wt assuming 3.2% fat
[8]- Includes fried potatoes
[9]- Whether values represent lower and upper bound means was not reported

Table 3-15 A comparison of PCB concentrations in selected foods from different areas of the world.

Food	Mean PCB WHO-TEQ (pg/g lipid weight)				
	Australia[1]	New Zealand[2]	USA	Europe	Asia
Beef	0.03-0.11	0.0036-0.092	0.49	0.914	-
Pork	0.04-0.07[3]	0.15-0.43[4]	0.06	0.09-0.81[5]	-
Lamb	0.02-0.06	0.01-0.045	-	-	-
Poultry	0.18-0.24	0.018-0.14	0.29	0.59-0.7[5]	-
Fish	9.46-9.5	0.77	30[7]	35.3	0.004-2.0[5]
Eggs	0.04-0.11	0.05-0.11	0.87[10]	0.44-1.5[5]	-
Milk	0.04-0.11	0.027-0.15	0.5[9]	1.25	-
Bread/ cereals[6]	0.0003-0.005	0.00099-0.004	-	0.11	-
Fruit/ vegetables[6]	0.00006-0.0016	0.0012-0.0025[8]	-	0.03-0.12[5]	-

[1]-Values are reported as range of lower bound to upper bound
[2]-All New Zealand values reported a range of lower bound to medium bound
[3]- Assumes bacon is representative of all pork products
[4]-Pork meat
[5]-Range of min-max values reported
[6]- On a fresh wt basis
[7]- Calculated from fresh wt of fresh water fish and shellfish assuming 4% fat
[8]- Includes fried potatoes
[9]- Calculated from fresh wt, assumes 3.2% fat
[10]-Calculated from fresh wt, assumes 11.5% fat

3.2.1.3 Dietary exposure assessment

The dietary exposure assessment was conducted using dietary modelling techniques that combine food consumption data with dioxin concentration data to estimate the exposure to dioxins from the diet. The dietary exposure assessment was conducted using FSANZ's dietary modelling computer program, DIAMOND (for Dietary Modelling of Nutritional Data). This program is based on individual dietary records from a very large number of respondents. It contains a range of databases including:

- food consumption data from single 24-hour recall surveys (3 national dietary surveys conducted in Australia between 1983 and 1995 [2 years old and above surveyed], plus a 1997 New Zealand dietary survey [15+ years old])

- food chemical concentration data (MRLs for pesticide residues, Maximum Levels for contaminants, Maximum Permitted Levels for food additives; pesticide residue levels in food commodities from supervised field trials, surveys for levels of pesticide residues and contaminants in raw and processed food; manufacturers' data for levels of food additives)

- a recipe database (used to split prepared food into its constituent raw commodities).

Utilising its databases, this program can rapidly calculate, for different population subgroups, whether the dietary intake of a chemical in food exceeds the established health standard.

The exposure to dioxins was estimated by combining usual patterns of food consumption, as derived from the 1995 national nutrition survey (NNS) data, with concentrations of dioxins in foods as determined by the FSANZ analytical survey.

The age-gender groups assessed were infants (9 months), toddlers (2-4 years), boys and girls aged 4-15 years, males and females aged 16-29 years, males and females aged 30-44 years, males and females aged 45-59 years and males and females aged 60 years and over. In addition, exposure to dioxins was estimated for males, females and both genders combined from 2 years of age and above.

As there were no food consumption data available from the NNS on children under 2 years, a diet was constructed to enable dietary exposure to dioxins for infants at 9 months of age to be calculated. The recommended energy intake for a 9 month old boy at the 50th percentile weight was used as the basis for the model diet (WHO, 1983). Boys' weights were used because boys tend to be heavier than girls at the same age and therefore have higher energy and food requirements. It was assumed that 50% of the energy intake was derived from milk and 50% from solids (Hitchcock et al., 1986). The patterns of consumption of solid foods for a 2 year old child from the NNS were scaled down and used to determine the solid portion of the nine-month-old's diet. Certain foods such as nuts, coffee and alcohol were removed from the infant diet since nuts can be a choking risk (NHMRC, 2003) and coffee and alcohol are unsuitable foods for

infants (ACT Community Care, 2000). All milk consumption was assumed to be in the form of infant formula.

Only mean exposure to dioxins for this 9-month old age group was calculated. The 9-month old average diet was constructed by making a number of assumptions regarding energy intake and extrapolations from a 2-year old's diet. In constructing a 95th percentile diet for infants at 9 months, it could be assumed that a high consuming infant at 9 months would eat the same foods as a high consuming toddler at 2 years. However, this is unlikely to be the case, as a high consuming infant at nine months would eat more energy-dense foods. There was not enough information from references to enable a diet for a high consuming infant to be derived, and there are no individual food consumption data on high consuming infants from nutrition surveys. Therefore, there was no evidence to validate any extrapolations and assumptions for a high consuming infant. Consequently, estimated 95th percentile exposures for infants at 9 months were not calculated.

The 22 foods surveyed and analysed were matched (or mapped) to the foods reported as consumed in the NNS. This process assigns the levels of dioxins in the surveyed foods to the appropriate food consumption data to estimated dietary exposure to dioxins. In the mapping it was assumed that:

- all cereal products have the same PCDD/F and PCB concentration as white bread;
- crustaceans and molluscs have the same PCDD/F and PCB concentration as fish fillets;
- all vegetables have the same PCDD/F and PCB concentration as potatoes;
- all fruit and fruit juices have the same PCDD/F and PCB concentration as orange juice.

Given that it is impractical to analyse all foods in the food supply, a single food may be assumed to represent a whole groups of foods. For mixed foods, recipes were used to assign their ingredients to the appropriate survey food. Dioxins in some raw foods were also assumed to be carried over into the processed food proportional to the amount of fat in the product.

In the dietary modelling some general assumptions were made including:

- where a food containing PCDD/Fs and PCBs was included in a particular food group, all foods in that group contain the chemicals at the specified concentration for that group;
- any foods not analysed or included in a particular food group (*eg*. sugar, tea, coffee, soft drinks and alcoholic beverages), are assumed to contain no dioxins due to their extremely low fat content, except if they were mixed foods and their ingredients were analysed;

- for upper bound estimates of exposure, the concentrations of each of the congeners was taken as the LOQ for all cases where dioxin concentrations were reported as less than the LOQ;
- consumption of foods as recorded in the NNS represents current food consumption patterns; and
- consumers eat the same every day of the month.

There are several limitations associated with the dietary modelling including:

- monthly intakes of dioxins are based on 24-hour food consumption data (this is more of a limitations for foods not consumed daily, such as fish);
- exposures for high consumers are likely to be overestimated due to the use of 24-hour food consumption data; and
- the small number of foods analysed and the small number of random samples taken provides only a small subset of data on dioxin concentrations in the Australian food supply.

The DIAMOND program multiplies the specified concentration of dioxin by the amount of food that an individual consumed in order to estimate the exposure to each food. The exposures of each individual were then ranked and population exposures (mean and 95th percentile) were derived. To estimate dietary exposures on a per kilogram of body weight basis, each individual's total dietary exposure to dioxins from all foods was divided by their own body weight (as reported in the NNS), the results for all individuals were ranked, and population statistics (mean and 95th percentile exposures) were derived. Daily exposures, in picograms WHO-TEQ per kilogram of body weight, were multiplied by 30 to estimate monthly exposures.

Exposures to PCDD/Fs were calculated separately to PCBs for each population group. The exposure to total dioxins from all foods for each population group was then determined by summing the separate PCDD/F and PCB exposures.

Percentage contributions of each food group to total estimated exposures were calculated by dividing the sum of all consumers' exposures from one food group by the sum of all consumers' exposures from all foods containing dioxins, and multiplying this by 100.

Because the foods that were surveyed represent a wide range of foods commonly consumed as a part of the Australian diet, all dietary survey respondents were considered to be consumers of dioxins. Therefore, all results are reported on an 'all respondent' basis. Mean estimated monthly dietary intake data for PCDD/Fs and PCBs per kilogram of body weight for each population group are given in Table 3-16. Figure 3-10 shows the mean upper and lower bound estimates of total dioxin intake per kilogram bodyweight for each of the age groups. The 95th percentile estimated monthly intakes of PCDD/Fs and PCBs per kilogram of body weight are given in Appendix XII (except for infants because a 95th percentile was not calculated for this age group).

Table 3-16 Mean estimated monthly dietary exposure to dioxins

Sex	Age Group	PCDD/Fs (pg WHO-TEQ/kg bw/month)		PCBs (pg WHO-TEQ/kg bw/month)		Total Dioxins (pg WHO-TEQ/kg bw/month)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	0.9	10.2	2.8	5.4	3.7	15.6
Males	2+	0.9	10.9	3.1	5.9	4.1	16.9
Females	2+	0.8	9.5	2.6	5.0	3.4	14.5
Infants	9 months	4.5	49.0	7.3	11.8	11.8	60.8
Toddlers	2-4	1.9	25.0	4.3	11.8	6.2	36.7
Males	4-15	1.4	17.4	3.6	8.5	4.9	25.9
Females	4-15	1.2	14.8	3.1	7.1	4.2	21.9
Males	16-29	0.9	10.5	3.0	5.7	3.9	16.2
Females	16-29	0.7	8.8	2.4	4.6	3.1	13.4
Males	30-44	0.9	9.1	3.2	5.4	4.1	14.6
Females	30-44	0.7	8.0	2.4	4.3	3.1	12.3
Males	45-59	0.8	8.5	2.9	4.9	3.7	13.3
Females	45-59	0.7	7.6	2.7	4.5	3.4	12.1
Males	60+	0.7	7.9	2.8	4.6	3.5	12.5
Females	60+	0.6	7.6	2.3	4.1	3.0	11.6

Total dioxins = sum of intakes of PCDD/Fs and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.

Estimated mean and 95th percentile exposures to total dioxins decreased with age due to food consumption being greater relative to body weight for children.

The difference between the upper bound and lower bound estimates of dietary exposures results from limitations of the analytical method and the high proportion of results that were reported as less than the limit of quantitation. It should be noted that the upper bound estimate is likely to be a very conservative overestimate and the actual dietary exposure for total dioxins lies somewhere between the lower and upper bound estimates (see introductory section of Chapter 3).

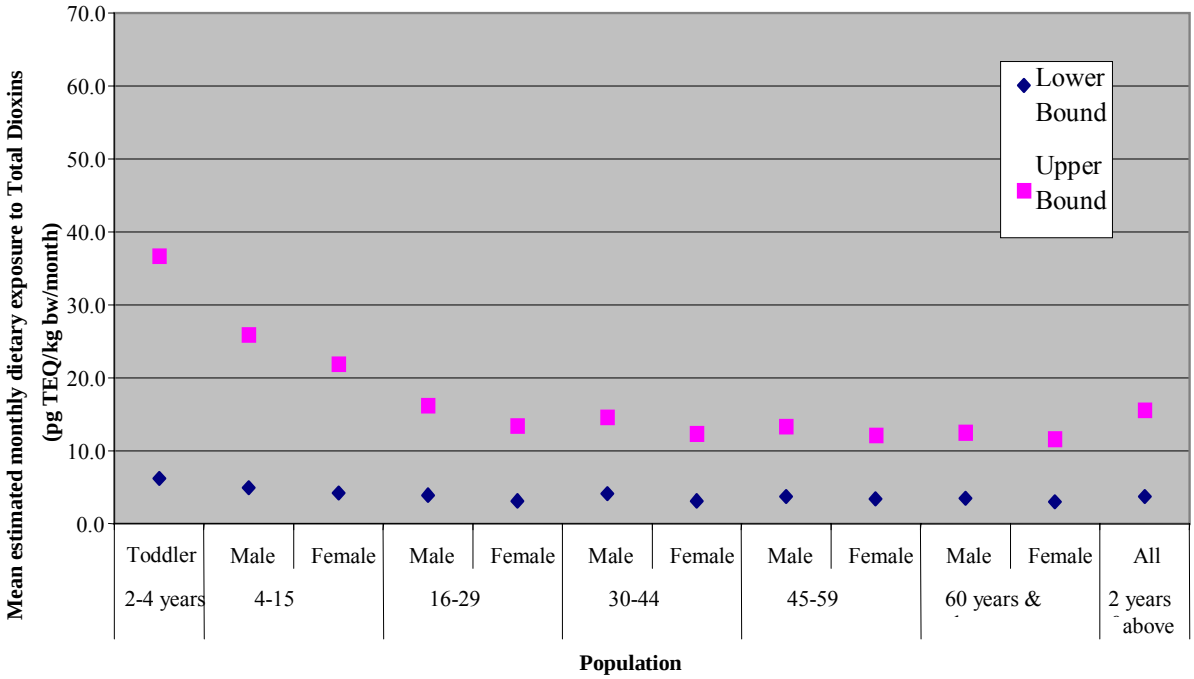

Figure 3-10 Mean estimated monthly dietary exposure to dioxins per kilogram of body weight.

The major contributors to both PCDD/F and PCB exposures were fish fillets (including crustaceans and molluscs) and milk products (including cheese, ice cream etc) in all age groups except infants. Figures 3-11 and 3-12 show the contribution of various food groups to PCDD/F and PCB intake respectively. As expected, in infants the major contributor to both PCDD/F and PCB exposures was infant formula, since it forms the major part of the diet in this age group.

The major foods that contributed to PCDD/Fs exposure differed slightly between adults and children, with milk being the major contributor for children (4-15 year old boys and girls and 2 –4 year old toddlers), and fish for adults (30-44, 45-59 and 60+ year old males and females). The contribution to PCDD/Fs exposure from fish and dairy products was almost equal in the 16-29 year age group.

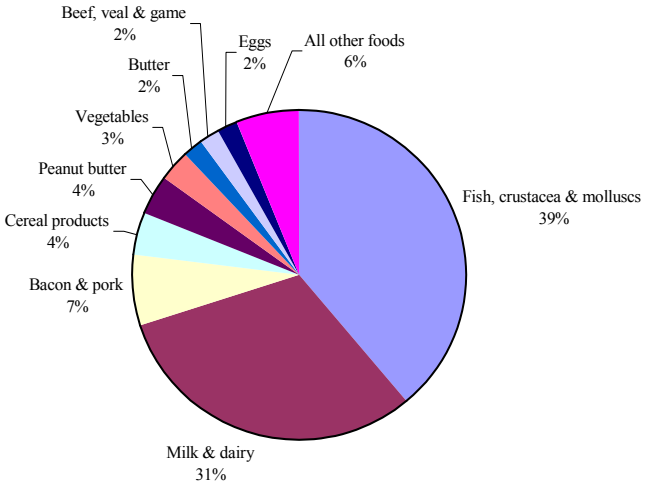

Figure 3-11 Percent contribution of major food contributors to PCDD/F dietary exposures for the population aged 2+ years

The major contributor to exposure to PCBs for all age groups except infants was fish fillets. Of the ten composite fish fillet samples analysed, one sample contained significantly greater amounts of PCBs. FSANZ performed additional dietary modelling using a mean value of PCBs for fish calculated excluding the one high value. In this scenario, fish remained the highest contributor to PCB exposure for adults. This may be attributed to the fact that people who consumed fish as a part of the 24-hour recall in the NNS were assumed to have consumed fish for 30 days when calculating the monthly exposures, which is unlikely because fish is not consumed every day by the majority of the population. However, milk was the highest contributor to PCB exposure for children and toddlers.

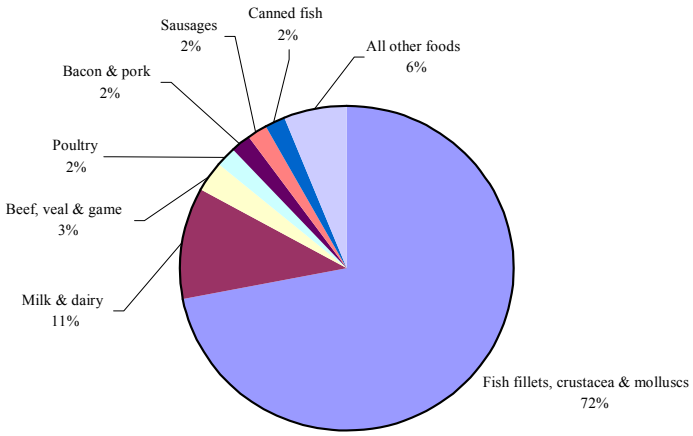

Figure 3-12 Percent contribution of major contributors to PCBs dietary exposures for the population aged 2+ years

The food groups that contributed to PCDD/F and PCBs dietary exposure for infants aged 9 months are shown in Appendices C and D respectively. The major contributors to PCDD/F exposure for infants were infant formula (78%), milk (from ice cream, cheese and infant desserts: all other milk consumption is assumed to be in the form of infant formula) (10%) and fish fillets (6%). Major contributors to PCBs exposure for infants were infant formula (61%) and fish fillets (26%).

3.2.1.3 International comparison of dietary intake of dioxins

Direct comparison of different dietary exposure assessments conducted by different countries is problematic for a number of reasons including differences in dietary survey design, age groups surveyed, different methods of determining food consumption for the population and different methods of collecting food data. In addition there can be quite different patterns of food consumption in different areas of the world and there may be differences in calculating and reporting of TEQs. Furthermore, some data may have been collected up to a decade ago and dioxin intakes would have fallen in the last decade. Therefore, a comparison of contemporary data with older data should be done cautiously. Nonetheless, Table 3-17 gives a comparison of the mean estimated dietary exposure for adults of different countries/regions of the world for the purpose of providing some indication of the dietary exposure of the Australian population relative to that of the populations of other countries.

In general terms, the estimated intake of dioxins by Australians is comparable to that of New Zealand and lower than that of most other industrialised nations.

Table 3-17 An international comparison of mean estimated dietary intakes of dioxins

Country/region	Reference	PCDD/Fs (pg WHO-TEQ/kg bw/month)	PCBs (pg WHO-TEQ/kg bw/month)	Total Dioxins (pg WHO-TEQ/kg bw/month)
Australia[1]	(this study)	0.9-10.2	2.8-5.4	3.7-15.6
New Zealand[2]	Buckland et al 1998a, Smith and Lopipero 2001	6.6	4.5	11.1
UK[3,4]	Food Standards Agency 2003	9	9-12	15-21
USA[6]	Schecter et al 1994a, 1996b US EPA, 2000	9-90 16.7	30 10.1	- 26.8
Europe[4]	European Commission 2000	12-45	24-45	36-90
Canada[5,6]	Birmingham et al 1989a	60	-	-
	Codex 2003	24	7.8	31.8
Germany[5,6]	Beck et al 1992	56		
The Netherlands	Freijer et al 2001	20.7	18.6	39

[1]-Range is lower bound to upper bound for all persons 2+years of age
[2]-Medium bound estimate for adult males
[3]-Range is lower bound to upper bound for average adult
[4]-Sum of PCDD/F and PCB may not equal sum of separate intakes due to rounding
[5]-Assuming a 70 kg person
[6]-I-TEQs. WHO-TEQs are 10-20% higher than I-TEQs

3.2.2 Agricultural commodities

The Australian Government Department of Agriculture, Fisheries and Forestry (DAFF) conducted a dioxin testing program through a joint arrangement between the Australian Government Department of the Environment and Heritage (DEH) and participating industry bodies.

In 2002, the National Residue Survey (NRS), managed by DAFF, arranged for the collection of approximately 220 samples from meat and fish products (DAFF, 2003). The collection of 19 milk samples was organised by the Australian Dairy Industry Corporation and a contract analytical laboratory carried out the analysis of all samples for PCDD/Fs and PCBs.

Table 3-18 shows the measured PCDD/F, PCB and total dioxins in the tested Australian agricultural commodities. Except for salmonids, there is a large difference between the lower bound and upper bound estimates. This is because only a small number of samples had detectable levels of dioxins and the assumption of non-detects being at the Limit of Detection (LOD) was by far the major contributor to the upperbound estimates. Therefore, the upper bound results are overestimates of dioxins present in the commodities.

Table 3-18 Mean dioxin concentrations in Australian agricultural commodities

Commodity	PCDD/F (pg WHO-TEQ/g fat)			PCB (pg WHO-TEQ/g fat)			Total dioxins (pg WHO-TEQ/g fat)		
	Lower bound	Medium bound	Upper bound	Lower bound	Medium bound	Upper bound	Lower bound	Medium bound	Upper bound
Beef	0.104	0.331	0.557	0.0731	0.181	0.289	0.177	0.512	0.847
Milk	0.0277	0.231	0.434	0.028	0.107	0.186	0.0557	0.338	0.620
Pigs	0.0029	0.167	0.331	0.0106	0.127	0.244	0.0212	0.294	0.575
Poultry	0.0012	0.166	0.330	0.0173	0.133	0.249	0.0184	0.299	0.579
Sheep	0.112	0.342	0.572	0.0346	0.133	0.231	0.147	0.475	0.803
	PCDD/F (pg WHO-TEQ/g fresh weight)			PCB (pg WHO-TEQ/g fresh weight)			Total dioxins (pg WHO-TEQ/g fresh weight)		
Salmonids[1]	0.173	0.201	0.228	0.398	0.500	0.602	0.571	0.701	0.830

[1]-aquacultured

Despite the inconsistency of methods and sampling of international dioxin data, it is useful to compare Australian data to international findings and international standards. A comparison was made between data generated in this study and the dioxin data for geographical regions in the recent Codex Commission on Food Additives and Contaminants (CCFAC) position paper (Codex Alimentarius Commission, 2003). It is important to note that these results are not directly comparable and the testing conducted for the Australian study includes more species and more compounds (i.e. PCDD/F, PCBs and Total WHO-TEQ) than data presented in the CCFAC paper. Therefore, several species/compound comparisons are not possible. Those that are possible are included Appendix XV and are presented as upperbound ranges of dioxins in the various species. In most cases the maximum PCDD/F and PCB concentrations in all Australian agricultural commodities was lower than that of other regions of the world.

In addition, the results of the current study were compared to the EU standard for PCDD/Fs in agricultural commodities. Table 3-19 shows that both the mean and the maximum values for all of the tested Australian commodities were below the EU standard.

Table 3-19 A comparison of PCDD/Fs in Australian agricultural commodities with the EU Standard for PCDD/Fs

Species	EU standard Maximum pg WHO-TEQ /g *	Mean** result from this study	Maximum** result from this study
Beef	3	0.557 (18.6%)	1.77 (59.0%)
Fish (salmonids)	4	0.228 (5.7%)	0.350 (8.75%)
Milk	3	0.434 (14.5%)	0.749 (25.0%)
Pig	1	0.331 (33.1%)	0.551 (55.1%)
Poultry	2	0.330 (16.5%)	0.529 (26.45%)
Sheep	3	0.572 (19.1%)	2.83 (94.3%)

* on a fat basis except for fish which is on a muscle basis. Where a congener is not detected, the EU standard assumes the LOD for that congener.

** mean and maximum results are upperbound concentrations expressed as pg WHO-TEQ/g. Values in parentheses are expressed as a percentage of the EU standard for that species).

Since "table ready" food products derived from the agricultural commodities sampled in this study were also included in the dietary survey and dietary modelling conducted by FSANZ, the potential human health risks of dioxin contaminated agricultural commodities will not be further discussed in this section. Section 3.2.1 contains details of the Australian population's estimated dietary exposure to dioxins.

3.2.3 Intake from human milk

Section 3.2.1 includes the estimated dioxin intake for infants (9-months old) fed 50% of their energy requirements from infant formula and 50% from solids and gives measured concentrations of dioxins in infant formula sampled in Australia. Section 3.1.2 outlines the results of a study by Müller et al (2003a) which investigated the current levels of dioxins in the breast milk of Australian mothers. Using the results of these analyses and the measured concentrations of dioxins in infant formula, the intake of dioxins by breast-fed and non-breast fed infants can be estimated.

In order to assess the dietary exposure to dioxins for infants at three months of age that are fully breast-fed, the quantity of breast milk consumed needed to be determined. Butte et al (2002) found that infants at 3 months of age from presumably well-nourished populations, including Australia, consumed a mean amount of 750 g of breast milk per day (weighted for sample size). The median (50^{th} percentile) weight for a male infant at three months is 6 kg (WHO, 1983). Boys' weights were used because boys tend to be heavier than girls at the same age and therefore have higher energy and food requirements. Therefore, using these figures, and multiplying by 30 to provide a monthly consumption, a fully breast fed infant at three months of age consumes 3800 g breast milk/kg bw/month. The mean concentrations of dioxins in breast milk used for this dietary exposure assessment were taken from the recent study of Müller et al (2003a).

As there were no food consumption data available from the NNS on children under two years, a diet was constructed to enable dietary exposure to dioxins for infants at nine months of age to be calculated. Details of the constructed diet for infants at 9 months are available in Section 3.2.1. In this constructed diet, milk was assumed to provide half of the infant's energy requirements. In order to determine the dietary exposure to dioxins for breast fed infants at 9 months, this same constructed diet was used, and all milk consumption was assumed to be breast milk. All other assumptions relating to the construction of the diet remained the same. As for infants at 3 months, the dioxin concentrations for breast milk used for calculating dioxin exposure for infants at 9 months were taken from Müller et al (2003a). As milk was assumed to only provide 50% of the energy requirements of an infant at 9 months, dioxin concentrations for all other foods, making up the other 50% of energy requirements were derived from the FSANZ dioxin total diet survey, which is outlined in Section 3.2.1.

The aim of the dietary exposure assessment was to make as realistic an estimate of dietary exposure to dioxins as possible. However, where significant uncertainties in the data existed, conservative assumptions were generally used to ensure that the dietary exposure assessment did not underestimate exposure.

For breast fed infants, the following assumptions were made:

- milk was the only food consumed for infants at 3 months;
- all milk consumed was breast milk for infants at 3 and 9 months;
- the dioxin concentration of breast milk for infants at 2-8 weeks is the dioxin concentration of breast milk for the whole term of breast-feeding each infant;
- the dioxin concentration for breast milk was the same for all infants, irrespective of the number of breast-fed siblings; and
- one gram of breast milk is equal to one millilitre of breast milk.

Table 3-20 gives the estimated lower and upper bound mean intakes of PCDD/Fs, PCBs and total dioxins for breast-fed and non-breast-fed Australian infants at 3 and 9 months of age.

Table 3-20 Estimated monthly intake of dioxin for Australian breast-fed and non-breast-fed infants

Compound	Bound	Estimated intake (pg WHO-TEQ/kg bw/month)			
		Breast-fed		Non-breast-fed	
		3 months	9 months	3 months	9 months
PCDD/F	Lower	807	490	5.9	4.4
	Upper	831	518	54.1	49.0
PCB	Lower	427	261	6.9	7.3
	Upper	427	264	9.7	11.8
Total dioxins	Lower	1234	751	12.8	11.8
	Upper	1258	782	63.9	60.8

As is the case with other aspects of this exposure assessment, comparison of different estimates of dioxin intake as a result of breast feeding is difficult because factors such as the sampling of breast milk, assumed intake of breast milk, infant age and percent of diet assumed to be from breast milk will differ between studies. Compared with intake estimates for breast-fed infants from other countries, the intake estimates for Australian infants were the lowest amongst those countries for which data were readily available (see Figure 3-13 for an international comparison of intake estimates for breast-fed infants). Smith and Lopipero (2001) estimated intake of total dioxins for New Zealand infants breast-fed for periods up to 12 months and calculated an average intake of between 37 and 52 pg WHO-TEQ/kg bw/day (equal to 1110-1560 pg WHO-TEQ/kg bw/month). Dioxin intakes for breast-fed Dutch infants (age not specified) were estimated by Liem and Rappe (1998) to be 115 pg WHO-TEQ/kg bw/day (equal to 3450 pg WHO-TEQ/kg bw/month). The estimate of Liem and Rappe (1998) was very similar to the 112-118 pg WHO-TEQ/kg bw/day (3360-3540 pg WHO-TEQ/kg bw/month) intake estimate of Patandin et al (1999b) for Dutch infants fed breast milk for 6 months. Estimated lower bound total dioxin intake of 76 pg WHO-TEQ/kg bw/day (2280 pg WHO-TEQ/kg bw/month) for Belgian infants that were breast-fed (Focant et al, 2002) was similar to that of Dutch infants. Two estimates of total dioxin intakes from breast milk by Korean infants were 60 and 85 pg WHO-TEQ/kg bw/day (1800 and 2550 pg WHO-TEQ/kg bw/month) (Yang J et al, 2002; Yang Y-H et al, 2002). The US EPA

(2000) estimated an average total dioxin intake of 92 pg WHO-TEQ/kg bw/day (2760 pg WHO-TEQ/kg bw/month) by US infants breast-fed for 12 months.

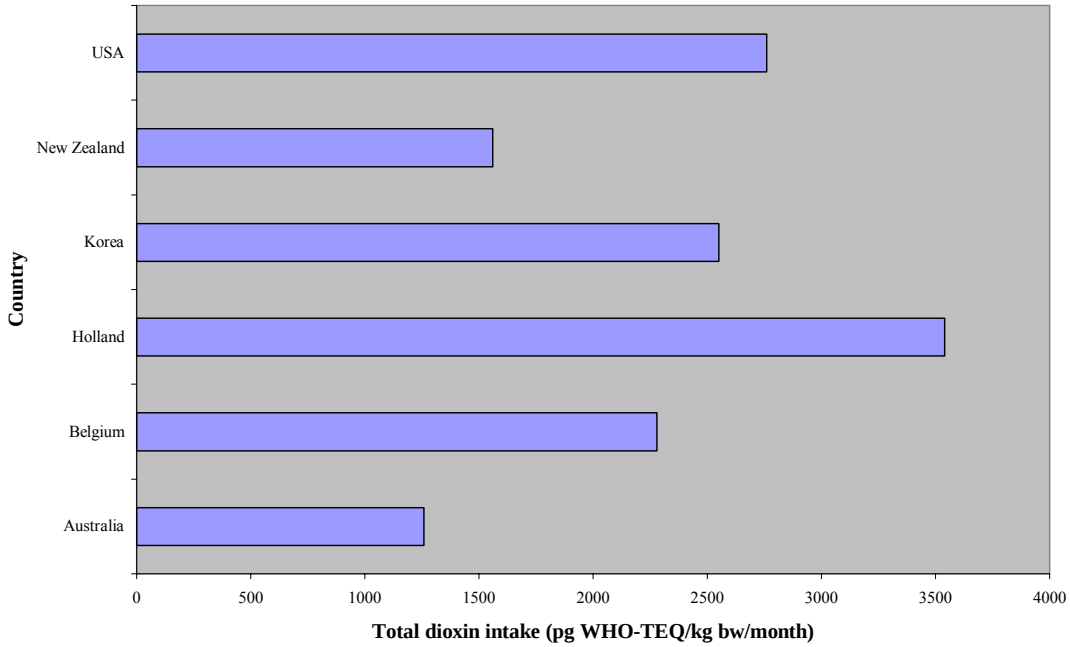

Figure 3-13 An international comparison of estimated dioxin intakes for breast-fed infants

[Maximum reported intakes (as given in above text) for solely breast-fed infants from each country. Australian value is upper bound estimate at 3-months.]

The estimated intake of dioxins during breast feeding of Australian infants was considerably higher than estimated dietary intakes of dioxins for the rest of the Australian population (3.7-15.6 pg WHO-TEQ/kg bw/month; see Section 3.2.1). Similar differences between the dioxin intake of breast-fed infants and the rest of the general population were also reported for the Dutch (Liem & Rappe, 1998), New Zealand (Smith & Lopipero, 2001) and the US populations (US EPA, 2000).

Estimated dietary exposure to dioxins for infants at 9 months is much less than for infants at 3 months as approximately half the energy requirements of a 9-month old infant are derived from foods other than breast milk, that have significantly lower dioxin concentrations. Exposure to dioxins from breast milk occurs for a very short time in a person's life. As the 1995 National Health Survey (NHS) did not survey children under the age of two, it is difficult to obtain data on the consumption of infant formula in Australia. However, a report based on the results of the NNS on the introduction of breast milk substitutes and solid foods to Australian children between 1992 and 1995 revealed that by the age of 26 weeks, the majority of children had been given infant formula (56.9%) (Donath & Amir, 2002).

The pattern of infant feeding at four weeks, 12 weeks and 24 weeks of life, using a sub-sample of children aged over six months, is shown in Table 3-21.

Table 3-21 Patterns of feeding for the first six months of a child's life

	At 4 weeks	At 12 weeks	At 24 weeks
Breast milk only	70.3%	57.8%	17.5%
Infant formula[a] only	25.1%	32.2%	15.8%
Breast milk and infant formula[a]	2.7%	3.1%	2.2%
Breast milk and solid food	0.7%	2.7%	23.3%
Infant formula[a] and solid food	1.0%	4.2%	36.2%
Breast milk, infant formula[a] and solid food	0.0%	0.1%	3.2%

[a] Includes milk substitutes other than infant formula
from Donath and Amir, 2002.

In addition to changes in the infant diet that reduce the intake of dioxins as an infant grows, the intake of dioxins by growing infants may also be reduced by changes in the dioxin concentration of breast milk. The estimates of intake given in Table 3-20 assume that dioxin concentrations in breast milk are constant over the nursing period. However, the dioxin concentration in maternal milk has been observed to decrease during lactation (Lakind, 2000; Fürst 1989). The modelling studies of the US EPA (2000) and Lorber and Phillips (2002) took into account the reduction in breast milk concentrations during lactation and predicted a decrease in infant intakes of dioxins during lactation (without accounting for any dietary changes). Therefore, the intake estimate given in Table 3-20 for 9-month old infants is likely to be an overestimate.

The dioxin intakes of breast-fed Australian infants were also considerably higher than those of non-breast-fed infants. This difference is due to the lower dioxin concentrations in infant formula, largely as a result of infant formulas containing vegetable fats rather than animal milk fats. Patandin et al (1999b) reported a similar difference with the mean daily dioxin intake per kilogram bodyweight for breast-fed Dutch infants being 50 times higher than that of non-breast-fed infants.

Although the intake of dioxins by breast-fed infants is considerably higher than the estimated adult and non-breast-fed infant intakes, the impact of breast feeding on the body burden in infants is likely to be lower. This can be attributed to the rapidly increasing body weight and lipid volume of the growing infant and the higher rate of dioxin excretion in infants compared with adults (see discussion below on body burden modelling). In the study of Kreuzer et al (1997) the difference in body burden between breast-fed and non-breast-fed infants was less than an order of magnitude and similarly, the study by the US EPA (2000) showed a difference in body burden between breast-fed and non-breast-fed infants of only two times at one year of age.

Several modelling studies have been conducted to investigate the impact of dioxin intake from breast feeding on body burdens of infants and the lifetime intake in adults (Kreuzer et al, 1997; Pantandin et al, 1999; Lorber & Phillips, 2002; US EPA, 2000). Although breast-fed infants were shown to have higher body burdens of dioxins during nursing, the body burden of breast-fed and non-breast-fed children was predicted to be similar after several years and to remain similar for the rest of life. The study by

Kreuzer et al (1997) is discussed below to examine the predicted impacts of dioxin intakes by infants on body burden over a lifetime.

Using data from their own study and other values reported in the literature, the authors have modelled TCDD levels in adipose tissue over a lifetime, in breast-fed (6 months) and non-breast-fed subjects. Figure 3-14 shows the time-course of the predicted concentrations of TCDD in lipids of adipose tissue or blood of a male subject from birth to 60 years of age. Note that this model is for TCDD only since to model related compounds would require consideration of different rates of bioaccumulation and biotransformation, and different rates and extent of protein binding. There is evidence that trans-placental transport from the mother to the fetus is close to 100%, leading to the treatment of the whole organism (mother/fetus) as a one-compartment model. Thus, based on a simulated initial maternal TCDD concentration of 2.23 ng/kg lipid), the TCDD concentration in the body of the newborn at the time of delivery was also taken to be the same, viz. 2.23 ng/kg lipid, a value also taken to be the level in breast milk.

For elimination of TCDD, the model takes into account excretion of TCDD in faecal lipids as well as its metabolic transformation. With respect to faecal excretion, data suggest that the faecal TCDD concentration reflects its concentration in lipids of the organism. The half-life of faecal elimination is proportion to the ratio of the volume of body lipids to the mass of lipids in faeces excreted per unit time; since the volume of body lipids increases at least 40 times during ageing but the mass of lipids in faeces excreted per unit time increases only about 1.7-times, the calculated half-life of faecal elimination changes considerably with age, from only ca. 0.42 years in newborns to ca. 9.5 years in 40-year old adults. The half-life of metabolic elimination is proportional to the total volume of body lipids and inversely proportional to liver surface area. Calculated half-lives for metabolic elimination were 1.5 years for newborns and about 10 years at age 40. However, according to the model, most TCDD is eliminated unchanged in the faeces during childhood and youth, whilst metabolic removal becomes more important with age. (With respect to increasing elimination half-life with age, it may be noted that the decline in TCDD levels in adipose tissue of young rhesus monkeys (0.3 - 2 years) revealed a mean half-life of ca. 180 days cf. 391 days in adults (Bowman et al, 1989b; 1990).

The upper curve of Figure 3-14 was computed assuming breast feeding for the first 6 months of life, followed by formula up to one year of age. The lower curve considers intake of only feeding formula for the same time period. For both scenarios, further nutrition was simulated to consist of common diet. The curves predicted for both feeding conditions differ considerably during the first years of life. Over the first year, predicted TCDD concentrations decrease for a non breast-fed subject, subsequently increasing to a maximum at ca. 16 years. The initial decrease reflects less uptake of TCDD from formula than during pregnancy when the foetus was in equilibrium with the mother's body burden.

For breast-fed infants, the simulation yields a rapid increase of TCDD in body lipids due to TCDD uptake from mother's milk. After weaning, the concentrations decrease during the following 3 or so years and the curves merge at about the age of 7 years. [Kreuzer et al (1997) noted that simulated TCDD levels in breast fed infants did not

exceed actual measurements of lipid TCDD levels in adults, which show a wide spread of values in different samples.]

Thus the model for TCDD levels in body lipids demonstrates that even relatively high concentrations of TCDD which may be reached after 6 months of breast feeding do not lead to a raised lifetime body burden. This is a reflection of the fact that the half-life due to metabolic transformation and faecal elimination is considerably shorter in infants than in older subjects. In addition, there is dilution of concentration by growth in body mass and the significant increase in total body fat volume.

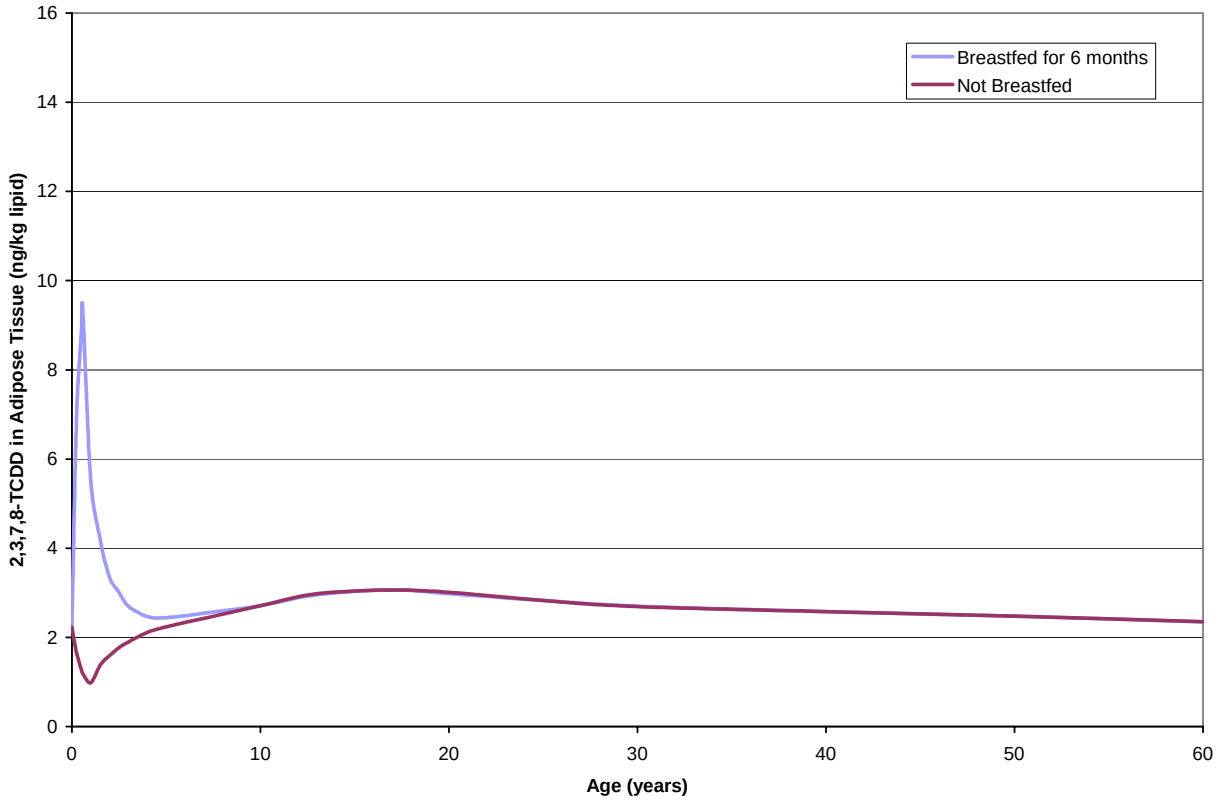

Figure 3-14 TCDD concentrations in lipid tissue of breast-fed and non-breast-fed infants

3.3 Intake from Air

The generation of dioxins results predominantly from combustion processes and atmospheric transport represents the primary route for transport of dioxins into the environment. A review of sources of dioxins in Australia (Pacific Air and Environment Pty Ltd, 2002b) identified a range of possible sources including bushfires and prescribed burning, residential wood combustion and industrial processes. This review was updated recently using United Nations Environment programme standardised protocols for estimating dioxin emissions to air, water and land. In this update, uncontrolled combustion processes which include biomass burning such as forest,

grassland and harvest residue fires and waste burning and accidental domestic/industrial fires were shown to represent the largest single category contributor to dioxins in air (Bawden et al., 2004).

In this section, discussion of dioxin contributions from motor vehicles is based on data from an Environment Australia report commissioned to assess dioxins emissions from motor vehicles (Pacific Air and Environment Pty Ltd, 2002a). Comment on the contribution of bushfires to dioxin air levels is made predominantly from a report on dioxin release from bushfires, commissioned by DEH (Meyer & Beer, 2004). Similarly, comment on the contribution of wood heaters to dioxin air levels in Australia is made from two technical reports on the use of firewood and solid fuel burning appliances also commissioned by DEH (Gras, 2002; Todd, 2002).

As well as commenting on main sources of air dioxins, this section provides a dioxin inhalation exposure assessment for different population subgroups based on data from a project, which determined ambient air levels of dioxins in Australia. The Australian dioxin ambient air level study (Gras & Müller, 2003) measured dioxin levels in urban, rural and remote airsheds. Based on these data, estimated daily inhalational exposures to dioxins were calculated for 5 separate Australian population subgroups - newborn, infant (one year), child (10 years), adult woman and adult man. Daily inhalation exposures per kg body weight were based on data for inhalation rates and body weights from the draft Australian Exposure Assessment Handbook (EnHealth, 2003).

3.3.1 Ambient air

Data on dioxins in ambient air were provided by the DEH ambient air project (Gras & Müller, 2003) which sampled air from a total of 10 sites representing three different airsheds:

1. Urban (residential, light and heavy industrial areas in State capital city sites and large regional centres), consisting of:
    - Kwinana, Perth, WA (industrial);
    - Duncraig, Perth, WA (mid-sized urban);
    - Darwin, NT (small urban within a remote rural region);
    - Eagle Farm, south-east Qld (light industrial);
    - Westmead, Sydney, NSW (major urban, some light industry impact from mixed industrial/urban air shed);
    - Alphington, Melbourne, Vic (major urban area, Yarra Valley);
    - Netley, Adelaide, SA (light industrial).

2. Rural (grazing, cropping and intensive horticulture areas) consisting of:
    - Mutdapilly, south-east Qld (agricultural/grazing)
    - Boorolite, lower north-east Vic (agricultural/grazing), and

3. Remote Reference Area
    - Cape Grim, Tasmania

Sampling was usually conducted monthly over a 12-month period to establish possible seasonal variations in dioxin concentration related to emissions from sources such as wood heaters and bushfires. At two sites (Mutdapilly and Netley), the sampling period was 12 months, collected at intervals of two months.

Samples were collected using high volume samplers designed to collect both gas and particle-phase dioxins. Subsequent extractions and analyses for a total of 29 dioxin and dioxin-like congeners and homologues were conducted at the Australian Government Analytical Laboratories, Sydney.

Data for each of the three air sheds were averaged over the year and combined as WHO-TEQs for PCDD/Fs, PCBs or total dioxins. Lower bound, middle bound and upper bound limits were determined by differing treatment of dioxin concentrations below the limit of detection (LOD), set at three times the sample blank noise standard deviation (0.6 fg WHO-TEQ_{DF}/m^3). For lower bound limits, values below the LOD were assumed to be zero. For middle bound limits, values below the LOD were assumed to be half the LOD. Upper bound limits were calculated by assuming values below the LOD were equal to the LOD.

Summarised air data from the DEH ambient air project are depicted in Appendix XVI. Across all three airsheds, PCDD/Fs were present in much higher concentrations than PCBs. As expected, urban airsheds showed the highest levels of dioxins (total dioxins, mean lower and upper bound limits 13.61 – 14.37 fg WHO-TEQ/m^3). Total dioxin levels were approximately five to six times higher than those for rural airsheds (mean lower and upper bound limits 1.94 – 2.82 fg WHO-TEQ/m^3) and an order of magnitude higher than those for the remote reference site (mean lower and upper bound limits 0.73 – 1.47 fg WHO-TEQ/m^3).

Comparisons to levels reported overseas show that Australian ambient air concentrations are relatively low. Mean concentrations of PCDD/Fs for rural sites are 1.52 – 2.35 fg WHO-TEQ/m^3 (lower and upper bound limit), lower than the mean of 3.77 fg I-TEQ/m^3 for the lowest reported New Zealand rural site (Buckland et al, 1999), and much lower than the 12 fg I-TEQ/m^3 reported for rural locations in the USA (Cleverly et al, 2000).

Similarly, mean concentrations of dioxins for Australian urban sites are 11.8-12.50 fg WHO-TEQ/m^3 (lower and upper bound limit), comparable to New Zealand rural locations (4 – 16 fg I-TEQ/m^3) (Buckland et al, 1999) and lower than many urban sites across Europe (for detail, see Gras & Müller, 2003).

Inhalation Exposure Assessment

Inhalation exposures for five population subgroups were calculated using exposure factor data from the draft Australian Exposure Assessment Handbook (AEAH). Body weights for adult women and adult men were taken as those for individuals 25-44 years of age. The weight for a child (10 years) was the average of values given for male and female children. For infants and newborn for which data are lacking in the draft AEAH, infant weights (1 year) were assumed to be half the average weight for 2-3 year old

males and females. Newborn weights were assumed to be half the weight of infants (3.8 kg).

Table 3-22 Inhalation rates and body weights of population subgroups

	Inhalation Rate (m^3/day)	Body Weight (kg)
Newborn[+]	0.8	3.8
Infant (1 year)[#]	3.8	7.7
Child (10 years)	15.0	35.7
Adult Woman[*]	21.0	67.3
Adult Man[*]	23.0	82.4

+ assumed to be one-half the body weight of infants
# assumed to be one-half the body weight of 2-3 year olds
* 25-44 years of age

There is a paucity of data on human absorption of dioxins from inhalation exposure. ATSDR (2000) notes the study of Wolff (1985) examining capacitor workers exposed to PCBs. This study claims the inhalation route as responsible for up to 80% of the absorbed PCB levels in adipose tissue.

In rats, at least 95% of a single dose of 2,3,7,8- tetrachlorodibenzo-p-dioxin (TCDD) was reported to be absorbed following intratracheal application. In this study, pulmonary absorption was greater than oral absorption (Diliberto et al, 1996). In a single human volunteer, > 87% absorption was reported following a single oral dose of 2,3,7,8-TCDD (Poiger & Schlatter, 1986). Notwithstanding species differences, taken together, these data would suggest extensive absorption of dioxins via the inhalation route in humans.

Differences in absorption are expected between dioxins in the gaseous (vapour) dissolved liquid and solid (particulate) states. On the basis of animal data and information on the fate of particles in the respiratory system, the US EPA estimated that the fraction of 2,3,7,8-TCDD absorbed into the human body from inhalation of soil particles ranges from 0.25-0.29 (US EPA, 1984b).

The ambient air data from the DEH Ambient Air Project do not distinguish between gaseous and particulate dioxins. Overall, therefore, in the absence of detailed information on pulmonary deposition and absorption of dioxins of different material states and of the different congeners and homologues in humans, this exposure assessment assumes 100% pulmonary deposition and absorption for all dioxin species. This assumption is in line with policy of the US Department of Health and Human Services (DHHS) which, in the absence of bioavailability information, assumes 100% bioavailability for health effects evaluations (DHHS, 2002).

Inhalation exposures to dioxins were estimated using urban and rural ambient airshed data. Lower and upper bound exposure estimates were calculated according to the following formula using lower and upper bound mean ambient air dioxin concentrations (Gras & Müller, 2003) and standard values for air intakes and body weights from the Australian Exposure Assessment Handbook:

Estimated Daily Dioxin Intake (fg WHO-TEQ/kg bw/day**)** =

[dioxin ambient air concentration (fg/m^3) x daily inhalation rate (m^3/day)]/ body weight (kg)

Inhalation exposure estimates using urban and rural airshed data are depicted in Tables 3-23 and 3-24.

Table 3-23 Mean estimated monthly inhalation exposure to dioxins (pg WHO-TEQ/kg bw/day) - Urban airshed

	PCDD/Fs		PCBs		Total Dioxins	
	Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
Newborn	0.074	0.079	0.012	0.012	0.086	0.091
Infant (1 year)	0.174	0.185	0.027	0.028	0.202	0.213
Child (10 years)	0.148	0.157	0.023	0.024	0.172	0.181
Adult Woman	0.110	0.117	0.017	0.018	0.127	0.134
Adult Man	0.098	0.105	0.015	0.016	0.114	0.120

Table 3-24 Mean estimated monthly inhalation exposure to dioxins (pg WHO-TEQ/kg bw/month) - Rural airshed

	PCDD/Fs		PCBs		Total Dioxins	
	Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
Newborn	0.010	0.015	0.003	0.003	0.012	0.018
Infant (1 year)	0.022	0.035	0.006	0.007	0.029	0.042
Child (10 years)	0.019	0.030	0.005	0.006	0.024	0.035
Adult Woman	0.014	0.022	0.004	0.004	0.018	0.026
Adult Man	0.013	0.019	0.004	0.004	0.016	0.024

As expected, given significant anthropogenic sources of dioxins such as fossil fuel combustion, inhalation exposure to dioxins is approximately 5-6 times higher in the urban compared to the rural environment.

Amongst the 5 population subgroups assessed, dioxin intake per kg body weight per day was highest for infants and children. The values for infant appear slightly higher than those for child, but are dependent on the assumption of body weight in the absence of weight information for infants in the AEAH. Weight data for adult men and women were available in the AEAH and the calculated dioxin intake for women was slightly greater than that for men. This reflects the fact that women have a significantly lower average body weight than men although the volume of air they breathe per day is only slightly smaller.

For the lower measured levels of dioxins in rural and remote region air compared to urban air, assumptions regarding measurements below the LOD have a greater relative

impact. As a percentage of absolute mass estimates, differences between lower and upper bound values are much greater for rural compared to the urban environments because measured levels are closer to the LOD.

3.3.2 Motor vehicles

Dioxins are formed by combustion processes. In a study commissioned to determine sources of dioxins in Australia, Bawden et al (2004) noted that anthropogenic sources, particularly industrial combustion processes, are significant contributors to environmental dioxin levels.

In the light of dioxin generation from vehicles, Environment Australia commissioned a study to estimate the total contribution to environmental dioxins from motor vehicle use in Australia. In this study, a survey of international dioxin inventories identified emissions from motor vehicles as important sources (Pacific Air and Environment Pty Ltd, 2002a).

Although it is recognised that dioxins are formed during combustion, the mechanisms of formation are poorly or incompletely understood. Production processes in which chlorine and a carbon source are present at temperatures greater than 200°C are potential dioxin sources. Although no specific data on dioxin formation within vehicle engines or exhausts were found (Pacific Air and Environment Pty Ltd, 2002a), the general formation mechanisms that are known to apply during combustion are assumed to apply to internal combustion engines. For example, studies show particular dioxin formation in the cooler zones of waste incinerator systems where catalytic surfaces, excess oxygen, organic matter and appropriate temperatures (approximately 300°C) are present. These conditions are assumed analogous to environmental conditions in exhaust systems of diesel and petrol engines (Bacher et al., 1991; Jones, 1993). Also, whereas high temperatures and long residence times in furnaces lead to complete combustion and lower dioxin emissions, the incomplete combustion in internal combustion engines, as suggested by low efficiency and significant emissions of incomplete combustion products such as hydrocarbons and carbon monoxide, indicates a potential for dioxin formation.

In the absence of Australian data, Pacific Air and Environment Pty Ltd (2002a) presents data from international studies of vehicle dioxins emissions for different vehicle classes. Most data were in the form of fuel-based emission factors (as pg/L fuel). In order to estimate total dioxin emissions, fuel-based emission factors were combined with Australian fuel economy data for varying vehicle types to account for differences in fuel economy between countries, and then combined with use (kilometres travelled) data for different vehicle types from the Australian Bureau of Statistics (ABS) and the National Environment Protection Council. Alternatively, the fuel-based emission factors were combined with total fuel consumption data for each vehicle type from the ABS to derive total dioxin emissions. Lastly, as a worst case estimate which includes off-road traffic and non-road traffic dioxin emissions, emission factors were combined with total fuel use statistics from the Department of Industry, Tourism and Resources (DoITR) (Table 3-25).

Table 3-25 Dioxin emissions estimates using different vehicle use/fuel datasets

Data Source	Total Dioxins Emissions (g I-TEQ/year)
Vehicle fuel economy/activity data (ABS)	0.7-16.5
Vehicle total fuel consumption data (ABS)	0.6-17.3
Total fuel use statistics (DoITR)	0.7-24.3

From Pacific Air and Environment Pty Ltd, 2002a.

On the basis of Australian fuel economy and activity (kilometres) data, total dioxin emissions from Australian road traffic were estimated at 0.7-16.5 g I-TEQ per year. On the basis of total individual vehicle type fuel consumption data, total dioxin emissions from Australian road traffic were estimated at 0.6-17.3 g I-TEQ per year. On the basis of total fuel use statistics, (which then includes off-road traffic and non-road traffic emissions), worst case estimates of 0.7-24.3 g I-TEQ per year were obtained.

Using a current inventory estimate of total dioxin air emissions in Australia of 500 g WHO-TEQ per annum (Pacific Air and Environment Pty Ltd, 2002b) the above figures represent a contribution from vehicle use of 0.12-4.9% of total dioxin emissions to air.

These estimates are accompanied by significant uncertainties. Unfortunately, there is a lack of measured data internationally on dioxin emissions from road traffic. Despite the variety and number of vehicles currently in operation worldwide, relatively few test data on dioxin emissions are available. Studies generally only consider small numbers of vehicles with estimates sensitive to factors such as driving conditions, fuel quality and ambient temperatures. Overall, assumptions only allowed the estimation of emission factors ranges and not average emission factors (Pacific Air and Environment Pty Ltd, 2002a).

3.3.3 Bushfires

The generation of dioxins *via* combustion processes and the high frequency of bushfires, prescribed fires and agricultural waste burning suggest these events as noteworthy sources of dioxins discharged to air in Australia (Pacific Air and Environment Pty Ltd, 2002b). Although measured data on emissions from small scale controlled burns are available (eg. woodheaters), the complexity of dioxin chemistry precludes the extrapolation of data from such studies to the characterisation of combustion processes in the field. Therefore, on the basis of a lack of measured data on emissions from bushfires, prescribed fires and agricultural waste burning in Australia, a study was commissioned to determine the emissions of dioxins from field fires (Meyer & Beer, 2004).

Dioxin emissions were measured from 21 field burns and 19 laboratory burns designed to replicate combustion processes of open fires. Field burns comprised 13 fuel reduction fires, 2 cane burns, 4 fires in tropical savannah woodlands and 2 wildfires. Cereal straw, native sorghum, sugar cane trash and forest leaf litter were subject to laboratory burns in a dedicated test corridor at the CSIRO fire testing laboratory. As well as dioxin emissions, total suspended particulate matter and carbon dioxide concentrations were measured so that emission factors relating dioxin concentrations to combusted fuel masses (expressed per gram of carbon) could be derived.

For field burns, mean emission rates for total dioxins were calculated for fuel reduction fires, savannah fires, sugar cane fires and wildfires were 1.8, 2.3, 2.1 and 1.0 pg WHO-TEQ/g carbon respectively.

In contrast, most emission rates measured in laboratory burns were much higher than field burns. Mean emission rates for straw, sorghum and sugar cane were 33, 69 and 9.8 pg WHO-TEQ/g carbon respectively. However, emission rates from laboratory leaf litter burns were much lower with a mean of 1.7 pg WHO-TEQ/g carbon. These emission factors incorporate middle bound estimates where values below the limit of detection (LOD) were assumed to be half the LOD.

Congener profiles observed in laboratory burns were different to those observed in field burns, but consistent with emissions measured from wood combustion in domestic heaters. Overall, laboratory burns produced a wide range of PCDD/F congeners with lower chlorinated species most abundant. Furans were substantially more abundant than dioxins. In contrast, field burns produced predominantly dioxins with higher chlorinated species most abundant.

The contrast between emissions measured in the laboratory and in the field were thought to arise from differences in the durations at which smoke plumes remain at high temperatures necessary for heterogeneous dioxin synthesis. In laboratory tests, as in domestic heating appliances, gases and particulates are thought to be retained in the combustion space in a temperature environment above 200°C which is optimal for dioxin synthesis. In contrast, in field burns, air entrained in the smoke plume rapidly cools below this temperature and thus extensive dioxin synthesis is prevented. These observations preclude laboratory tests as appropriate surrogates for emissions testing in the field (Meyer & Beer, 2004).

Emission rates derived from field measurements were combined with National Greenhouse Gas Inventory (NGGI) algorithm and activity data to derive total emissions of dioxins/furans and PCBs from different types of field fires. Using NGGI data, total emissions of PCDD/Fs and PCBs from agricultural, forest and savannah fires were estimated at 152 g WHO-TEQ/year for 1994 and 233 g WHO-TEQ/year for 2001. The increase was due to increased fire activity (Meyer & Beer, 2004).

Using a current estimate of total dioxin air emissions in Australia of 500 g WHO-TEQ per annum (Bawden et al, 2004), the comparable emissions figure for 2001 represents a best estimate contribution from field fires of 47% of total dioxin emissions to air.

3.3.4 Wood heaters

Studies of atmospheric fine particulates in Australian cities suggest that residential wood combustion for heating is a major source of winter aerosol mass (Gras & Müller, 2003).

One of the findings of a recent Australian dioxin ambient air level study (Gras & Müller, 2003) was a strong seasonal cycle in dioxin concentrations both as mass concentrations and TEQ. A winter concentration maximum was measured for all major

population centres studied. Moreover, the period of enhanced concentrations was shorter in northern locations compared to southern locations. This seasonal variation in dioxin levels and correlation with aerosol non-sea-salt potassium as a tracer for biomass burning indicate residential wood smoke as the source of winter increases (Gras & Müller, 2003). The particular seasonal patterns of dioxin congeners and homologues show strong correlation to patterns found in studies of wood smoke emissions from residential wood heaters in New Zealand (Buckland et al, 1999) and more recently in Australia (Gras, 2002; Gras & Müller, 2003).

Residential combustion (furnaces, stoves, fireplaces) was identified as a potential source of air dioxins also in a source survey of dioxin air emissions in Australia (Pacific Air and Environment Pty Ltd, 2002b). In this study, dioxin emission factors for residential combustion activities were derived. However, because of a lack of Australian emissions data, estimates were based on information from the US, UK and the Netherlands and, as well as wood, fossil fuels such as oil or coal were also considered. However, stoves burning wood have a greater potential for dioxin emissions due to increased chlorine and/or dioxin precursors present in wood compared to oil or coal (Pacific Air and Environment Pty Ltd, 2002b). For example, much higher dioxin emissions are estimated for wood treated with pentachlorophenol (PCP) preservative.

Based on international data, Australian emission factors for PCDD/Fs of 1-3 and 1-29 µg I-TEQ /tonne fuel burned for stoves and fireplaces respectively burning clean wood were derived. Emission factors were higher for "treated" wood: 10-50 and 100-500 µg I-TEQ /tonne fuel burned for stoves and fireplaces respectively. The latter figure of 500 µg I-TEQ /tonne fuel directly reflects data from the Netherlands for combustion of wood containing PCP.

Using these emission factors and estimations of wood burning activities for different installations i.e. stoves versus fireplaces (combined total of 4000 ktonnes wood/year), the Pacific Air and Environment Pty Ltd (2002b) report estimated a total release of PCDD/Fs from residential wood combustion of 15-98 g I-TEQ/year.

With controlled burns in the emissions study, no detectable emissions of PCDD/Fs were detected above background (1 ng/kg fuel) for softwood fuel, whereas, overall, levels of 7.5 ng/kg fuel were detected for hardwood fuel. Accounting for operating parameters derived from the survey of wood burning appliance users which considered heater types, fuel types, fuel moisture content and appliance fuel loading, a final best-estimate emission factor of 4.1 ng WHO-TEQ/kg fuel was calculated. Wood treated with preservative was not tested in this study (Gras, 2002). This figure is comparable to and at the lower end of emissions factors ranges estimated previously by Pacific Air and Environment Pty Ltd (2002b) of 1-3 and 1-29 µg I-TEQ /tonne fuel for stoves and fireplaces respectively based on overseas data.

Although information on the types of wood used for heating was obtained from the users survey, this study did not provide a figure for total wood consumed. However, figures for total firewood consumed per year of 3-5.5 million tonnes was provided in the companion study by Todd (2002) on residential firewood use. This conforms well with the 4000 ktonnes/year estimate of Pacific Air and Environment Pty Ltd (2002b).

Assuming this upper figure of 5.5 million tonnes of wood combusted for residential purposes, the total release of dioxins based on the recent best-estimate emission factor from measurements from controlled burnings of Australian wood would be 22.6 g WHO-TEQ/year.

Using a current inventory estimate of total dioxin air emissions in Australia of 500 g WHO-TEQ per annum (Bawden et al, 2004) the above figure represents a contribution from residential wood combustion of 4.5% of total dioxin emissions to air.

Summary

In a response to the lack of quantitative Australian data on the composition of emissions arising from the use of domestic combustion heaters, Environment Australia commissioned separate companion studies reviewing residential wood fuel use, wood smoke and air toxics (Todd, 2002) and emissions from domestic solid fuel heating appliances (Gras, 2002). The studies comprised a review of residential firewood combustion, solid-fuel appliances, surveys of the number and type of wood burning appliances and fuels in use in southern Australia and the collection and analysis of emissions from controlled burns of different Australian wood fuels in different heaters.

Motor vehicles represent an anthropogenic source of dioxins. Combining overseas dioxin vehicle emission factors, Australian motor vehicle economy and activity data, fuel consumption data and total fuel use statistics, dioxin emissions of 0.6 - 24.3 g I-TEQ/year were estimated to result from motor vehicle use. Compared to the current total dioxin air emission estimation of 500 g WHO-TEQ per annum (Bawden et al., 2004) contributions from vehicle use represent between 0.1-5% of total dioxin emissions to air.

A study of dioxins in ambient air (Gras & Müller, 2003) showed a strong seasonal cycle in dioxin air concentrations. A winter concentration maximum was measured for all major population centres studied with periods of enhanced concentrations shorter in northern locations compared to southern locations. Studies of atmospheric fine particulates in Australian cities suggest that residential wood combustion for heating is a major source of winter aerosol mass. A study of emissions from wood heaters (Gras, 2002) showed that accounting for heater types, fuel types, fuel moisture content and appliance fuel loading, a final best-estimate emission factor of 4.1 ng WHO-TEQ/kg fuel was calculated for Australian wood heaters. Assuming a total of 5.5 million tonnes of total wood combusted for residential purposes (Todd, 2002), the total release of dioxins from burnings of Australian wood for heating was estimated at 22.6 g WHO-TEQ/year, representing around 4.5% of total dioxin emissions to air.

A report of the impact of bush fires on dioxin emissions established emission factors based on measurements of field fires and laboratory burns of different fuels (Meyer & Beer, 2004). Both the dioxin congener patterns and quantities of release differed considerably between the field and laboratory. In general, emission rates measured in laboratory burns were much higher than field burns. Congener patterns in laboratory burns showed the production of a wide range of dioxin/furans with furans

predominating. On the other hand, congener patterns for field fires showed predominantly formation of dioxins.

Differences in emission rates and congener patterns were explained by variations in the residence time of gases and particulates at a temperature range within the combustion space suitable for widespread dioxin/furan formation. In general, the limited heterogeneous dioxin/furan release seen in field fires was attributed to air entrainment and rapid cooling of emissions within the smoke plumes. Using National Greenhouse Gas Inventory data, total emissions of dioxins/furans/PCBs from agricultural, forest and savannah fires were estimated at 152 g WHO-TEQ/year for 1994 and 233 g WHO-TEQ/year for 2001. When compared to the current total release inventory of 500 g WHO-TEQ per annum (Bawden et al, 2004), the 2001 best estimate of this release is 46.6% of total dioxin emissions to air.

It should be noted that since bushfires, grass and scrub fires have been part of the Australian landscape for aeons, humans and the environment have been exposed to low levels of dioxin-like compounds and human metabolism has been coping with dioxin compounds for thousands of years.

An Australian dioxin ambient air study (Gras & Muller, 2003) measured dioxin levels in urban, rural and remote airsheds. Based on these data, estimated daily inhalational exposures to dioxins were calculated for 5 separate Australian population subgroups-newborn, infant (one year), child (10years), adult woman and adult man. Daily inhalation exposures per kg body weight were based on data for inhalation rates and body weights from the draft Australian Exposure Assessment Handbook (EnHealth Council, 2003)

As expected, inhalation of urban air provides a greater dioxin exposure than rural air. Of the separate subgroups examined, infants (one year) were assessed with the highest total dioxin inhalation intake per kilogram body weight (urban air, 0.174-0.178 pg WHO-TEQ/kg bw/month), followed by child (10 years) (0.148-0.157 pg WHO-TEQ/kg bw/month). Women had a marginally higher inhalation exposure per kg bodyweight to dioxins (0.017-0.018 pg WHO-TEQ/kg bw/month) than men (0.015-0.016 pg WHO-TEQ/kg bw/month), reflecting their lower body weight as compared with males but relatively similar air intake volume per unit time.

3.4 Intake from Soil

Humans may be exposed to dioxins from environmental or occupational sources or as a result of industrial accidents. Dietary intake is generally considered to account for approximately 95% of the human intake of dioxins in Australia. The remainder of human intakes of dioxins occurs via other routes such as inhalation and ingestion of contaminated air particles, soil ingestion and dermal contact with soil, air particles or water.

Dioxins have very low water solubility, high octanol-water partition coefficients and low vapour pressure. In soils, these physical and chemical properties of dioxins cause them to absorb strongly to soil organic matter and therefore they have limited mobility

within the soil profile. The possible environmental fates of dioxins sorbed to soil particles include burial, resuspension as dust or erosion by water to ultimately form a part of sediments lying beneath water columns. Dioxins may also volatilise from soils into the air. Due to their chemical stability and resistance to biodegradation, dioxins persist in soils.

3.4.1 Ambient levels of dioxins in Australian soils

Under the information gathering phase of the National Dioxins Program, the Department of Environment and Heritage commissioned a study to determine ambient environmental levels (air, water, soils and fauna) of dioxins in Australia. This section uses the data from the study designed to determine dioxin levels in Australian soils to estimate human intakes of dioxins as a result of exposure to soil.

The overall objective of the study by Müller et al (2003b) was to determine ambient environmental levels of dioxins in Australian soils across a range of landforms, climates and land-uses. Samples were collected from 86 locations representing urban, industrial, agricultural and remote sites across Australia. Urban sites were concentrated in capital cities and major towns, including coastal and inland population centres. Industrial sites were concentrated in areas dominated by industry, but no specific industries were targetted. Agricultural sites included areas used for sugarcane, cotton, grazing, forestry, cereals or horticulture. Remote sites sampled included open forest, closed forest, inland areas, coastal areas, regions subject to regular burning and regions where fire is excluded. The sampling locations covered three different regions in Australia; north, south-east and south-west with samples covering all land-use types. In addition, historical evidence of soil dioxin contamination was determined through analysis of ten samples collected from the same agricultural plot at the Waite Agricultural Research Institute, South Australia. These soil samples were collected in 1925, 1935, 1945, 1950, 1956, 1963, 1973, 1981, 1983, and 2001. Figure 3-15 shows details of the sites sampled by Müller et al (2003b).

A summary of the sampling strategy is described in Table 3-26. The sampling protocol was designed for the determination of the concentrations of dioxins in soil across a range of environments and land-uses. Sites which may have been subject to specific local contamination were avoided.

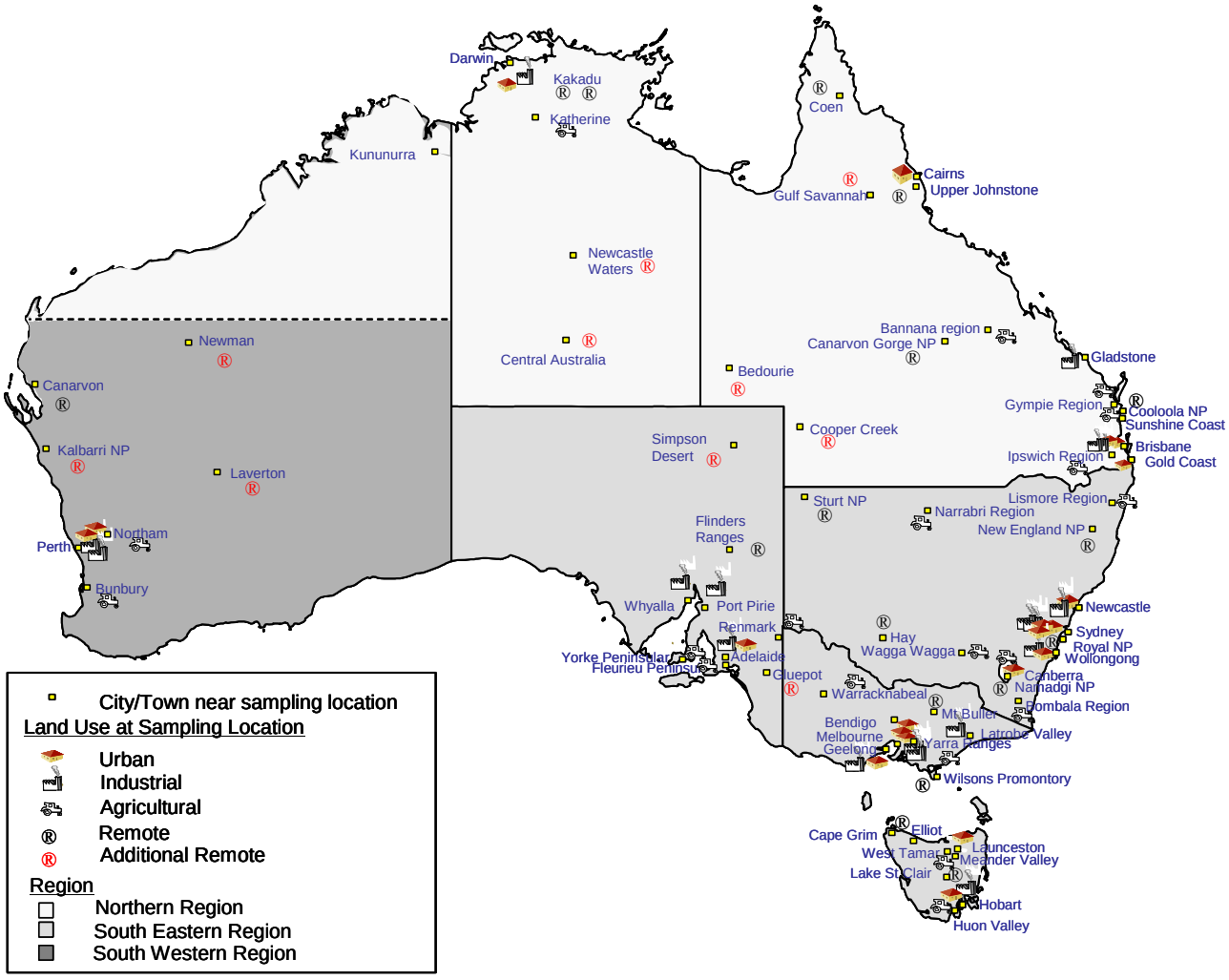

Figure 3-15 Details of sites sampled as a part of the study to determine dioxin levels in Australian soils.

From Müller et al, 2003

Table 3-26 Summary of the sampling strategy and number of samples analysed for the study.

Land Use	Region			
	Northern	South-Eastern	South-Western	Total
Industrial	6	18	3	27
Urban	6	18	2	26
Agricultural	5	16	2	23
Remote	6	10	3	19
Additional Remote[1]	6	2	1	9
Total	29	64	11	104

[1] Additional remote sampling locations were selected to specifically cover inland regions.

The analytical methodology for the determination of PCDD/Fs and PCBs was based on quantification of the analytes through isotopic dilution techniques and is modified from those described by the US EPA methods 1613B and 1668A, respectively. The study design allowed determination of both analytical and sampling reproducibility. A component of the study involved an inter-laboratory calibration in which samples that had been analysed by AGAL were analysed the Dioxin Laboratory of Environment Canada. PCDD/Fs and PCBs were reported as pg/g soil on a dry weight basis. Total toxic equivalents for PCDD/Fs (WHO-TEQ_{DF}), PCBs (WHO-TEQ_{P}) and total toxic equivalents for PCDD/Fs and PCBs (WHO-$TEQ_{DF\&P}$) were calculated using the WHO Toxic Equivalents Factors (TEFs).

Dioxins were detected in all but 1 of the 114 different soil samples analysed. Concentrations of PCDD/Fs and PCBs expressed as TEQs ranged from below the limit of detection (about 0.05 pg/g dry weight (dwt) depending on the specific sample) to 43 pg/g dwt. Dioxin concentrations in soils of north and south-east regions were similar, whereas the concentration in the soils from the south-west region was lower. The median concentration of total dioxins expressed as WHO-$TEQ_{DF\&P}$ were 0.98, 0.74 and 0.21 pg/g dwt in the north, south-east and south-west regions respectively. The highest concentrations of dioxins were found in soils near the centres of population within the south-eastern coastal regions of Australia, whereas those in western Australia and remote and inland areas were low.

The major finding from this study was that land use is a key determinant of dioxin concentrations in Australian soils. Four key land-use types were sampled in this study: industrial, urban (non-industrial), agricultural and remote. Table 3-27 gives the lower and upper bound estimates of PCDD/F, PCBs and total dioxins across land use types. The data clearly demonstrate that mean concentrations of dioxins are substantially higher in soils from urban or industrial locations than in those from agricultural and remote locations. However, mean concentrations in soils from urban and industrial locations were similar, as were those from soils from agricultural and remote locations.

One of the urban sites sampled in Hobart, Tasmania, had the highest PCDD/F concentration (approximate 43 pg WHO-TEQ/g dwt) measured in this study. When this site was re-sampled, the PCDD/F concentration was reported as 1.5 pg WHO-TEQ/g dwt. Both the original “high” value and the re-sampled value were included in the calculation of dioxin TEQs for urban soils. These TEQs were then used in the estimation of human exposure from urban soils, since the use of these “high” values would represent a “worst-case” for dioxin exposure as a result of contact with Australian soils. Table 3-27 summarizes the levels of PCDD/Fs, PCBs and total dioxins (as TEQs) in soil from different land use areas. For comparison, the mean and range of dioxin concentrations calculated from results of analyses of soils samples taken between 1925 and 2001 are also given in Table 3-27.

Table 3-27 Dioxin concentrations Australian soils according to land use

Land use	Bound	PCDD/F (WHO-TEQ pg/g dwt)			PCB (WHO-TEQ pg/g dwt)			Total Dioxins (WHO-TEQ pg/g dwt)		
		Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean
Agricultural	Lower	0	4.0	0.40	0	0.087	0.0094	0	4.1	0.41
	Upper	0.054	4.4	0.64	0.007	0.092	0.021	0.061	4.5	0.66
Industrial	Lower	0.063	11	2.6	0.005	1.7	0.36	0.069	11	2.9
	Upper	0.177	11	2.8	0.025	1.9	0.38	0.20	11	3.2
Remote	Lower	0.00056	5.0	0.38	0	0.078	0.0054	0.00068	5.1	0.38
	Upper	0.073	5.2	0.62	0.002	0.08	0.017	0.08	5.3	0.63
Urban[1]	Lower	0.023	42	5.9	0	1.6	0.41	0.081	42	6.3
	Upper	0.20	43	6.0	0.011	1.6	0.41	0.26	43	6.4
Urban[2]	Lower	0.023	22.8	4.3	0	1.6	0.40	0.08	23.3	4.7
	Upper	0.20	23	4.6	0.011	1.6	0.41	0.26	23.5	5.0
Reference[3]	Lower	0.37	2.7	1.1	0.0035	1.1	0.16	0.39	3.8	1.3
	Upper	0.55	2.7	1.1	0.025	1.1	0.18	0.59	3.8	1.3

[1]-includes the "high" PCDD/F TEQ value and the re-sampled value for one site in Hobart

[2]- excludes the "high" PCDD/F TEQ value for one site in Hobart and includes the re-sampled value for that site

[3]- mean and range of results from 1925-2001

The results of the analysis of the reference site at the Waite Agricultural Research Institute are also shown in Figure 3-16. Interestingly, the oldest sample collected in the 1920s contained detectable concentrations of PCDD/Fs and also PCBs. The concentrations of dioxins in the sample from the 1920s are greater than in the samples from the 1930s and 1940s. It is uncertain whether the result is an artefact related to sampling or storage of the sample, although it is not clear how selective contamination of the oldest sample could have occurred. Furthermore, no explanation was available for the peak of dioxins observed in 1981.

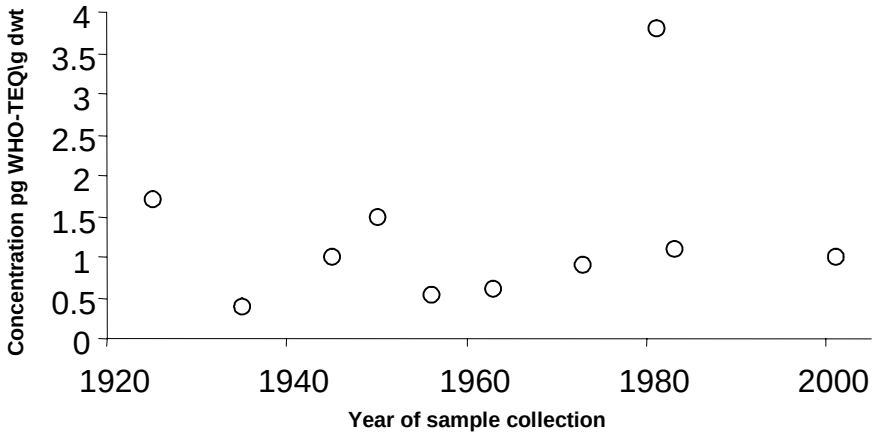

Figure 3-16 Total dioxin concentrations (as WHO-TEQ) in soil samples taken from the reference site between 1925 and 2001.

Modified from Muller et al, 2003b.

Typically in all samples (including the historical samples) that were collected in this study the PCDD/F homologue profile as well as the congener profiles were dominated by octachlorodibenzodioxin (OCDD). The soil congener profiles obtained from this study indicate that the dominance of the higher chlorinated PCDDs is less pronounced in samples from the more temperate regions. This result maybe seen as an indication that the domination of higher chlorinated PCDDs in samples from the tropical regions is at least in part related to fate processes of the chemicals where the least volatile and most persistent PCDDs accumulate specifically in tropical environments whereas the more volatile lower chlorinated PCDD/Fs are transported from these environment to colder climates where they remain.

The congener profile for PCBs was dominated by PCB 118 (ca.50 to 70%) followed by PCB 105 (10 to 20%). No apparent differences in PCB profiles were observed between soils from different locations.

Comparing results across different soil monitoring studies is difficult since there may be differences in the aims of the studies (e.g. determining background levels versus identification of contamination and potential hotspots), differences in the sampling regimens and methodology, and differences in the expression and reporting of results

(e.g. type of TEQs, expression - dry weight versus organic carbon basis, mean versus median, ranges). Nonetheless, Figures 3-17 and 3-18 compare dioxin concentrations across land uses from several countries, to give some indication of Australian soil levels of dioxins relative to other countries.

The concentrations of dioxins in urban and industrial locations sampled as part of the study by Müller et al (2003b) were similar to those reported in previous Australian studies (Buckland et al, 1994; Sund et al, 1993). Dioxin levels in agricultural and remote locations sampled by Müller et al (2003b) were also similar to results of previous Australian studies. However, Müller et al (1996) reported higher levels in some agricultural areas and the study by Buckland et al (1994) reported a higher maximum dioxin concentration in a bushfire-affected area. In general the dioxin levels in Australian soils were similar to those reported in the New Zealand Organochlorine Program (Buckland et al, 1998b). On the basis of toxic equivalents, concentrations of dioxins are on average much lower than those reported from many industrial sites globally and are among the lowest background concentrations internationally, across all land-uses.

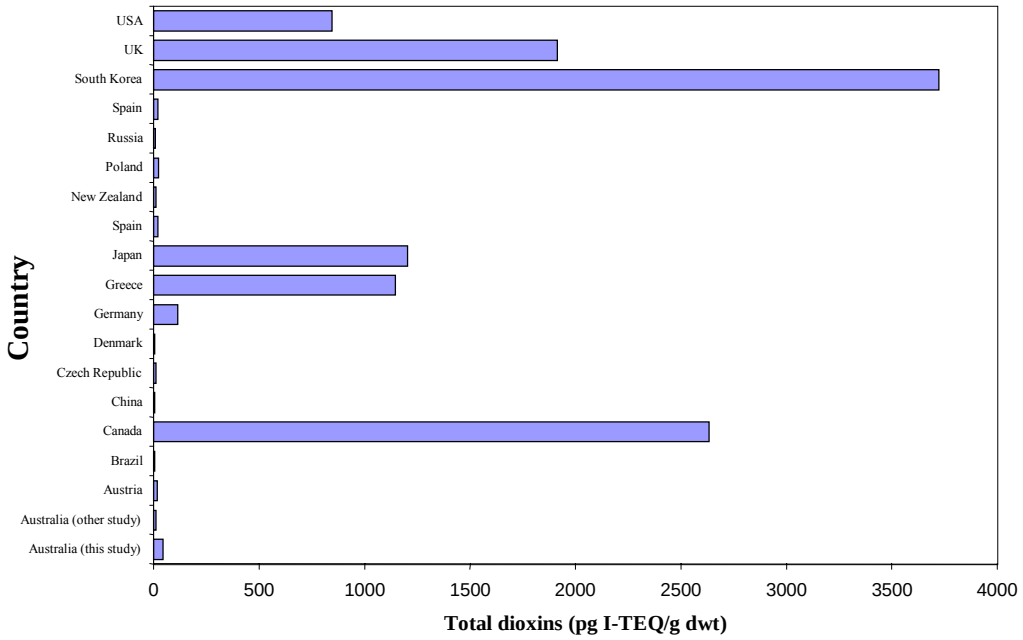

Figure 3-17 An international comparison of dioxin concentrations in soils from industrial and urban locations.

Data from Müller et al, 2003b.

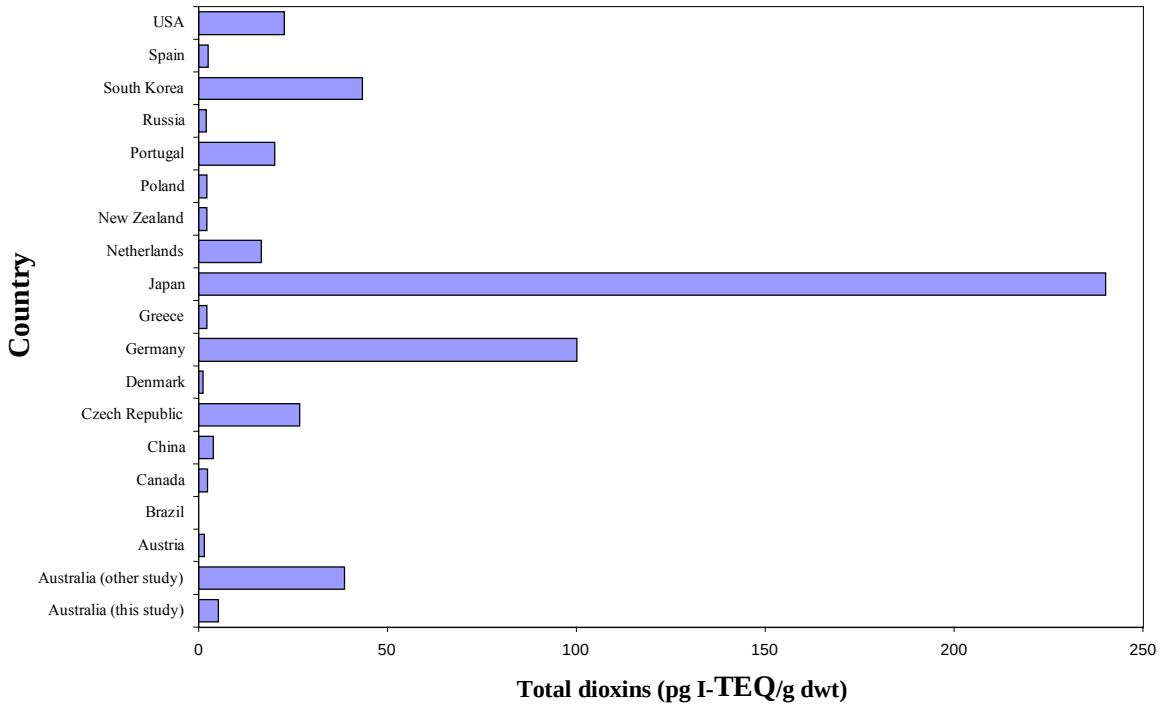

Figure 3-18 An international comparison of dioxin concentrations in soils from remote (reference) and agricultural land use sites.

Data from Müller et al, 2003b.

3.4.2 Estimation of dioxin intake from Australian soils

Direct human exposure to dioxins in soil can occur as a result of ingestion or by skin contact. Soil ingestion commonly occurs in young children during mouthing of toys or other objects, inadvertent hand-to-mouth transfer and as a consequence of non-sanitary eating habits. In addition, deliberate ingestion of soil (known as pica) has also been observed in young children. Although, soil ingestion also occurs in adults as a result of accidental hand-to-mouth transfer (eg. when eating or smoking), it occurs to a lesser extent in adults than in children. Direct skin contact with soils occurs in both adults and children with the extent of exposure dependent upon a number of factors including the surface area of exposed skin, the body part(s) exposed and the activity undertaken at the time of exposure.

Since a majority of the Australian population lives in urban areas that were sampled as a part of the study conducted by Müller et al (2003b), the mean lower and upper bound values for PCDD/F, PCB and total dioxins in urban soils were used to estimate the intake of dioxins from soil. The values used included the "high" PCDD/F TEQ and the resampled value for one of the sites in Hobart (see Table 3-27, row named "Urban[1]"). Formulae and assumptions used in the estimation of dioxin intakes from ingestion and estimated systemic exposure as a result of both ingestion and dermal contact with soils are given in Appendix XVII. Table 3-28 gives the estimate monthly intake of PCDD/F, PCB and total dioxins as a result of soil ingestion and Table 3-29 gives the estimated

mean monthly systemic exposure from both ingestion and dermal contact with soils and the total estimated exposure from soil.

Table 3-28 Estimated mean monthly intake of dioxins as a result of soil ingestion

Age	Bound	Mean monthly oral intake* (pg WHO-TEQ/kg bw/month)		
		PCDD/F	PCB	Total dioxins
Child	Lower	1.18	0.082	1.26
	Upper	1.20	0.082	1.28
Adult	Lower	0.063	0.0044	0.068
	Upper	0.064	0.0044	0.069

* 'oral intake' means amount ingested

Table 3-29 Estimated mean monthly exposure to dioxins as a result of soil ingestion and dermal contact with soil

Age	Bound	Mean monthly exposure* (pg WHO-TEQ/kg bw/month)								
		PCDD/F			PCB			Total dioxins		
		Oral	Dermal	Total	Oral	Dermal	Total	Oral	Dermal	Total
Child	Lower	0.59	0.141	0.73	0.041	0.046	0.087	0.63	0.187	0.82
	Upper	0.60	0.143	0.74	0.041	0.046	0.087	0.64	0.189	0.89
Adult	Lower	0.032	0.025	0.057	0.002	0.008	0.01	0.034	0.033	0.067
	Upper	0.032	0.025	0.057	0.002	0.008	0.01	0.034	0.033	0.067

* 'oral' exposure estimate assumes that 50% of dioxins ingested are systemically absorbed. See appendix XVI for formula and assumptions used for calculation of oral and dermal exposure.

The intake and systemic exposure estimates above are both likely to be overestimates since the mean TEQs for urban/industrial soils were higher than those for any other land uses sampled in the study by Müller et al (2003) and they included the "high" TEQ value from an urban site in Tasmania rather than excluding that value. Not all members of the general population would be exposed to soils containing dioxins at levels similar to those used for the intake/systemic exposure estimates. In addition, several conservative assumptions were used in calculating the intake/exposure estimates (eg. 24% or 30% of the total skin surface is exposed to the same amount of soil everyday for a lifetime).

As is the case with other components of this exposure assessment (eg. dietary exposure), comparisons between exposure assessments conducted by different groups/countries is complicated by differences in sampling, methodologies and assumptions used for intake estimates and calculating and reporting TEQs. Few other countries have undertaken soil monitoring and the estimation of dioxin intakes as a result of exposure to soil. Table 3-30 compares the intake estimates as a result of ingestion and dermal contact with soil (where available) from several countries.

The US EPA (2000) estimated exposure to dioxins from soil ingestion to be 0.063 pg WHO TEQ/kg/day (1.89 WHO-TEQ/kg/month) for children of 1-5 years of age and 0.0067 WHO TEQ/kg/day (0.201 WHO-TEQ/kg/month) for adults. A less recent

assessment conducted in the Netherlands estimated daily exposure to TCDD from ingestion of soil to be 0.1 pg I-TEQ/day (0.042 pg I-TEQ/kg/month for a 70 kg adult) (Theelen, 1991). Birmingham et al (1989) estimated intake of PCDD/Fs from soil ingestion by the Canadian population to be 0.02 pg I-TEQ/kg/day (0.6 pg I-TEQ/kg/month).

Exposure to dioxins as a result of dermal contact with soil in the USA was estimated as 0.0014 pg WHO-TEQ/kg/day (0.042 pg WHO-TEQ/kg/month) for children of 1-5 years of age and 0.0016 WHO-TEQ/kg/day (0.048 WHO-TEQ/kg/month) for adults (US EPA 2000). An assessment for the Dutch population estimated TCDD intake from dermal contact with soil as 0.15 pg I-TEQ/day (0.064 pg I-TEQ/kg/month for a 70 kg adult) (Theelen et al, 1991).

Table 3-30 An international comparison of dioxin intake estimates (for adults) as a result of contact with soils

Country	Mean monthly intake (pg WHO or I-TEQ/kg bw/month)		
	Oral	Dermal	Total
Australia (this report)[1]	0.069	0.033	0.102
Canada[2]	0.60	-	-
USA[1]	0.201	0.048	0.249
Netherlands[3]	0.042	0.064	0.106

[1]-total dioxins
[2]- PCCD/F only
[3]- TCDD only

3.5 Intake from Water and Sediments

Under the information gathering phase of the National Dioxins Program, the Department of Environment and Heritage commissioned a series of studies to determine the ambient environmental levels (air, water, soils and fauna) of dioxins in Australia. This section uses the data from the study that measured dioxin levels in the aquatic environment (Müller et al, 2003c) to assess human intakes of dioxins as a result of exposure to water, aquatic sediments and aquatic biota.

3.5.1 Water

One of the studies commissioned by the Department of Environment and Heritage measured ambient levels of dioxins in the aquatic environment in Australia. This study measured dioxin concentrations in aquatic sediment, but no water samples were collected for measurement of dioxins in water. Dioxins have very low water solubility and therefore dioxin concentrations in Australian water are expected to be very low and are unlikely to contribute significantly to the overall intake of dioxins.

In a recent human health and environmental risk assessment conducted in relation to an Australian site that may have been contaminated with dioxins (a decommissioned sewerage treatment plant), dioxin levels in ground water were insignificant. Therefore,

dioxins in ground water were not considered to be a significant source of human exposure (Gorman et al, 2003). This is supported by Canadian, German and American estimates of water intakes of PCDD/Fs of 0.1, 0.005 and 0.008 pg I-TEQ/day respectively (Liem and Rappe, 1998). These estimated intakes from water were one thousandth or less of the estimated overall intakes for dioxins. Furthermore, the US EPA's 2000 draft reassessment for dioxins reports dioxin levels in water as 0.0005 pg WHO-TEQ/L and estimates intake from water to be 0.000011 pg WHO-TEQ/kg/day. Therefore, the intake of dioxins from ingestion of water is considered to be negligible in Australia and will not be considered further in this report.

3.5.2 Sediments

The study to determine ambient levels of dioxins in the aquatic environment in Australia involved the collection of several thousand aquatic sediment cores from locations representative of major catchments according to priorities identified by the National Pollution Inventory. A range of samples were collected in freshwater, estuarine and marine locations. In addition to sediment samples, bivalve shellfish samples were also collected when available. Fish were also obtained through local commercial fishing industries with an emphasis on local catches of table species.

Dioxins were found in all Australian aquatic sediments analysed, with levels ranging from 0.002 pg WHO-TEQ/g dry weight (dwt) to 520 pg WHO-TEQ/g dwt. Highest levels were found in Sydney harbour in the sediments from the Parramatta River estuary (100 and 520 pg WHO-TEQ/g dwt) and the western section of Port Jackson (78 and 130 pg WHO-TEQ/g dwt), which is one of the most urbanised and industrialised regions of Australia. In addition, elevated concentrations were also found in other estuarine waters near Sydney (Botany Bay) as well as the estuaries in or near Brisbane, Melbourne, Hobart, Perth and Wollongong. Considering all sediment samples, the median concentrations were 0.2, 2.3 and 0.12 pg WHO-TEQ/g dwt in sediments from freshwater, estuarine and marine locations respectively. This is due to the association of higher densities of urban/industrial areas with estuarine waters compared to remote and agricultural areas (*i*.e. interaction between urban/industrial and estuarine waters). Urban/industrial locations had significantly greater levels of dioxin-like chemicals than samples from remote and agricultural locations. Further details of the dioxins in the aquatic environment are discussed in the environmental risk assessment.

Direct human exposure to aquatic sediments is not considered to be a widespread or frequent occurrence. If it does occur, the amounts of sediment to which people may be exposed is likely to be small and the duration of contact prior to removal is likely to be short. Therefore, the human health risk associated with exposure to dioxin contaminated sediments is likely to be negligible and will not be considered any further in this report. However, since aquatic biota may be exposed to contaminated sediment, there is potential for human dietary exposure to aquatic organisms such as fish and shellfish, which may bioaccumulate dioxins. Therefore, the results of the measurement of dioxins in fish and bivalves is considered, as follows.

Dioxins were detected in all 18 bivalve samples covering the different regions and various environments of Australia. Total dioxin levels ranged from 0.0068 – 3.4 pg

WHO-TEQ/g wet weight (wwt) with a mean of 0.69 pg WHO-TEQ/g wwt. Dioxins were detected in all 23 fish samples with levels ranging 0.054 to 0.85 pg WHO-TEQ/g wwt. As expected from the sediment results for the Sydney harbour area, highest levels of dioxin-like chemicals were found in a bivalve sample (1.2 pg WHO-TEQ/g wwt) and a fish sample (0.47 pg WHO-TEQ/g wwt) collected from Port Jackson. There was little difference between the lower bound and middle bound estimates for both bivalves and fish. A summary of dioxin concentrations in bivalves and fish collected as a part of this study is given in Table 3-31.

Table 3-31 Middle bound mean dioxin concentration in fish and shellfish in Australia (range of min-max)

Organism	PCDD/F (pg WHO-TEQ/g wet weight)	PCB (pg WHO-TEQ/g wet weight)	Total dioxins (pg WHO-TEQ/g wet weight)
Fish	0.083 (0.0051-0.48)	0.036 (0.0016-0.37)	0.12 (0.011-0.85)
Bivalves	0.27 (0.0041-1.3)	0.42 (0.0027-2.6)	0.69 (0.0068-3.4)

Although people would consume fish and shellfish caught in the areas covered by this study, the intake of dioxins from these sources has been considered as a part of the dietary intake assessment (Section 3.2.1.2). The dietary intake of fish assessed in that section incorporates both fish and shellfish. Therefore, it will not be further considered in this section. However, it is interesting to note that one of the fish fillets sampled in the food survey contained higher levels of dioxins than any of the fish samples measured in the aquatic monitoring study. Since the fish fillet with the high levels of dioxins was included in the dietary intake calculations, the intake from seafood taken from the most contaminated sites sampled in the aquatic monitoring study has been adequately modelled. Despite the higher levels of dioxins in seafoods as cf. other foodstuffs, the importance of including fish in a nutritious diet has been emphasized by many agencies and organisations (see eg. IOM, 2004).

3.6 Intake from Specific Exposure Sources

3.6.1 Industrial sources

The manufacture and use of chlorinated aromatic chemicals have been significant sources of dioxin-like compounds in the environment. In addition to the use of certain pest-control chemicals which were contaminated with dioxin-like compounds (see below), other chemicals such as the PCBs were deliberately manufactured and had industrial uses. Other industrial processes, such as the production of chlorine-bleached pulp, have also led to environmental contamination by PCDD/Fs as unwanted by-products.

Australia's National Pollutant Inventory (NPI) reports on estimates of emissions of chemical substances and where and from what sources they are generated. The NPI holds emission data reported by industrial facilities, and aggregated emission data collected by participating jurisdictions. Aggregated data cover smaller facilities that are not required to report, and mobile and non-industrial sources such as transport and

domestic activities. The accuracy of the NPI data varies according to the technique used to estimate releases. For the aggregated emissions data in particular, comparative analysis of the data may be misleading, because jurisdictions may have used different estimation techniques.

The Australian NPI provides an emission report for polychlorinated dioxins and furans; a summary of the data (reporting year 2002 - 2003) may be found *via* http://www.npi.gov.au/. 335 Facilities from 31 industry sources reported polychlorinated dioxins and furans emissions. Additional aggregated emission data were collected for 8 sources, for a total of 39 sources. Total mass emissions were estimated at 0.5 kg, of which virtually all was to air, less than 1% to land and virtually none to water. The percentage contribution from different sources was estimated to be as follows: backyard incinerators (31.6%); electrical equipment and appliance manufacturing (19.0%); basic non-ferrous metal manufacturing (10.3%); electricity supply (7.0%); burning (fuel reduction, regeneration, agriculture)/wildfires (5.2%); and 'other' (27.0%).

PCBs

The polychlorinated biphenyls or PCBs refer to a family of 209 congeners, that is, chemicals with the same basic structure, in which the biphenyl structure has chlorine atoms substituted for hydrogen atoms to varying degrees. Approximately 100 of these congeners are present in various technical mixtures of PCBs that were produced commercially in large quantities until the late 1970s. PCBs were used in electrical appliances, such as transformers and capacitors, hydraulic fluids, plasticisers and dye carriers. They are also generated and released into the environment as unintentional by-products of chemical manufacturing and incineration.

PCBs are amongst a broader group of harmful persistent organic pollutants (POPs) that are toxic, persist in the environment and animals, bioaccumulate through the food chain, and pose a risk of causing adverse effects to human health and the environment. Because of their physical characteristics, POPs are transported long distances and are often deposited in areas where they have never been used or produced. As discussed elsewhere in this document, some PCBs have dioxin-like characteristics. Concerns over the potential risks to health, food chain and environment led to a ban on the importation of PCBs and PCB-contaminated or PCB-containing equipment to Australia in the 1970s.

Australia has a PCBs Management Plan for disposal and destruction of PCBs. Details of the plan are available from the Department of the Environment and Heritage (DEH) website at www.deh.gov.au/industry/chemicals/scheduled-waste/pcbs/index.html.

3.6.2 Chlorinated pesticides - manufacture and use

The manufacture and use of chlorinated aromatic chemicals have been significant sources of PCDD/Fs in the environment. Such chemicals include the wood preservative and biocide pentachlorophenol (PCP) and the herbicide 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Historically, higher-level exposures to PCDD/PCDFs in PCP and 2,4,5-T has probably been restricted to relatively small groups of people involved in the handling and use of the pesticides. For example, a study published in 1992 reported that the blood serum TCDD levels in pesticide applicators involved for many years in ground-level spraying of 2,4,5-T in New Zealand were significantly higher than those of a comparison group (Smith et al, 1992). PCP and 2,4,5-T are no longer approved for use in Australia.

2,4,5-T

The herbicide 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) was introduced in the 1960s and was once used in Australia to control woody weeds such as blackberries. It is a relatively simple chemical that structurally mimics certain natural plant growth regulators. It is difficult to manufacture pure 2,4,5-T without some contamination by dioxins; TCDD alone is the major contaminant of 2,4,5-T (Schechter et al, 1998). Dioxin levels in 2,4,5-T were generally in the low ppm to high ppt range, with more recently produced batches typically contaminated at the lower levels. 2,4,5-T was withdrawn from use in the late 1980s and is no longer approved for use or marketed in Australia. Furthermore, 2,4,5-T with dioxin contamination is now strictly controlled in international trade through the UNEP Prior Informed Consent or PIC Procedure (the 'Rotterdam' Convention).

The links between dioxins and potential adverse health and environmental effects have been established for well over 20 years. With respect to dioxin contamination of 2,4,5-T, appropriate controls to protect human health were established in the early 1970s via standards set by the National Health and Medical Research Council (NHMRC). In 1975, the NHMRC established a maximum level of dioxin contamination in 2,4,5-T of 0.1 mg/kg (100 ppb). In 1982, this level was lowered 10-fold to 0.01 mg/kg, reflecting improved analytical capability to monitor dioxin levels in technical-grade 2,4,5-T. At the time, both these standards were considered adequate to protect the health of agricultural workers and the public. Illegally imported batches of chemical which have been the subject of a Western Australian (WA) investigation have been reported as containing 200 times the 1975 standard, although definitive evidence that such contaminated 2,4,5-T was used in the Agricultural Protection Board spraying program is lacking.

The Western Australian Parliament conducted an inquiry into a government weed control program undertaken by the Agriculture Protection Board (APB) from 1975 to 1985 in the Kimberleys and other regions of WA. It has been suggested that some of the 2,4,5-T used may have been heavily contaminated by dioxins, with some evidence indicating that contaminated stock may have been illegally imported from about 1969 to 1971. Apart from the formation of toxic dioxins during manufacture of 2,4,5-T, if pure 2,4,5-T is subjected to high temperatures (eg. as in a factory fire, which may have been the case with contaminated material imported into Western Australia), 2,4,5-T molecules can chemically combine to form dioxins. This is also the case with its immediate precursor, 2,4,5-trichlorophenol (TCP).

An Occupational Health Physician, Dr Andrew Harper, interviewed 90 former Agricultural Protection Board (APB) employees involved with this Government

spraying program. His report, the Kimberley Chemical Use Review (Harper, 2002), concluded that exposure to unregulated levels of dioxins could not be ruled out. Whilst Dr Harper acknowledged that the review was not a scientific investigation, he found an association between illness and exposure to herbicides and considered that about one third of those interviewed had developed a chronic disability that was possibly or probably attributable to these chemicals. He also suggested that longer serving workers may have been more commonly affected. The WA State Government considered that further evaluation was required before the conclusion of this review that "illness developed in association with the spray" could be accepted. Consequently, an Expert Medical Panel was appointed to evaluate the results of the review. The Panel, chaired by Bruce Armstrong, Adjunct Professor of Epidemiology at the University of Sydney and Director of the NSW State Cancer Council's Epidemiology Unit,
produced an interim progress report, the Interim Report of the Expert Medical Panel to Evaluate the Kimberley Chemical Use Review Recommendations , which was tabled in the WA Legislative Council on 13th March 2003. The Panel requested that additional work be undertaken, including further analysis of data on the health status of former APB employees, and a review of the risk assessment and adverse event reporting mechanisms for chemicals used in agricultural protection programs. The Panel subsequently re-convened to consider this information and a further report was forwarded to the WA Cabinet in February 2004. The final report of The Expert Medical Panel to Evaluate Recommendations of the Kimberley Chemical Use Review, dated December 2003, was published on the internet on 27th February 2004 (accessed via http://www.ministers.wa.gov.au).

The Panel concluded the following:

1. Based on published evidence identifying a 'probable' link between exposure to chlorphenoxy herbicides containing TCDD and an increased overall cancer risk; the likelihood that spray workers were highly exposed to the herbicide (which may or may not have contained unregulated levels of TCDD); and evidence that APB workers have experienced a somewhat higher incidence of cancer than the community overall, albeit not statistically significant, the Panel concluded that "APB workers may suffer or may have suffered already an increase in the risk of cancer due to their exposure to herbicides containing the dioxin TCDD in the spray program". With respect to cancers, 17 APW workers were matched to people on the WA Cancer Registry, with 18 cancers; only two cancers (non-Hodgkin lymphoma and one which might have been a retroperitoneal soft-tissue sarcoma) were of a type linked to exposure to chlorphenoxy herbicides or TCDD. With respect to all cancer incidence cf. a comparison Kimberley population, a high degree of uncertainty about the true difference is due to the small number of observed cancer cases in the APB cohort.

2. The symptoms of ill health that the APB workers reported do not form a pattern such as to suggest that they were directly caused by their exposure to herbicides during their employment in the spray program. Furthermore, the symptoms of anxiety and depression reported by the APB workers were no more prevalent in the APB workers than in the general community; hence they are unlikely to be due to their employment in the spray program.

3. Little evidence was available to determine whether or not the APB workers have experienced increased rates of a number of other conditions that might possibly be caused by exposure to chlorphenoxy herbicides containing dioxins. No cases of chloracne were reported to have been diagnosed in APB workers; a definitive diagnosis of this condition would have indicated exposure. For diabetes, possibly associated with exposure to dioxins (see Chapter 2), its prevalence in the Australian aboriginal population is high and any additional effect from dioxin exposure would be very difficult to distinguish. In fact, expected deaths from diabetes in the indigenous population was "appreciably" greater than that actually observed in APB workers.

4. On the basis of a best estimate Standardised Mortality Ratio (SMR) of 1.09 (95% CI = 0.79-1.42), the Panel concluded that there was no strong evidence to suggest that the mortality in APB workers was higher than in the general Kimberley population.

5. A majority of the Panel recommended that a survey of serum TCDD levels be conducted in APB workers and a comparison population in the Kimberley. The results of such a survey could strengthen the evidence for the Panel's conclusion that APB workers may suffer or may have already suffered an increase in the risk of cancer due to their exposure to herbicides.

In its response, the Government of WA advised that it would act expeditiously through the workers' compensation system to assist APB workers diagnosed with cancer. Specifically, "the Government employer (APB) and insurer (RiskCover) will accept that cancers diagnosed in a former worker in the Kimberley weed spraying program, now or in the future, and assessed as being linked to 2,4,5-T herbicide use, will be eligible for consideration for compensation".

Pentachlorophenol

The historical use of pentachlorophenol (PCP) in the timber industry has resulted in occupational exposure to PCDD and PCDFs for some timber workers. It appears that the higher chlorinated (five to eight chlorines) PCDDS and PCDFs are found at elevated levels (Schecter et al, 1998). PCP was widely used both for anti-sapstain treatment for the interim protection of freshly sawn timber against fungal staining and as a permanent timber preservative. In addition to acute health effects of PCP exposure (including eye irritation, upper and lower respiratory tract irritation and skin changes such as burning, irritation and dermatitis), effects of contaminants such as dioxins were of concern. Whilst there does not appear to be any firm evidence of significant long-term health effects from the use of PCP, the possibility of such effects cannot be excluded.

Chlorinated phenols such as PCP were widely used in Australia to protect softwood timber from decay. In 1996 the then Department of Health and Family Services provided written comments to the Australian Pesticides and Veterinary Medicines Authority (APVMA; then the National Registration Authority for Agricultural and Veterinary Chemicals, or NRA) on acceptable levels of microcontaminants in PCP. The

impurities of concern in PCP were hexachlorobenzene (HCB) and dioxins, in particular tetrachloro-dibenzodioxins (TCDDs) and hexachloro-dibenzodioxins (HCDDs). Impurity limits were proposed, in the interests of ensuring that the Australian standard for dioxins and HCB impurities were at the lowest levels that can be achieved in the manufacturing method. However, at that time, it appears that PCP and pentachlorophenoxide were exempt from NRA requirements for technical-grade active constituent approval and thus these recommendations were not further considered. A search of the APVMA's pesticide products database indicates that, whilst there were two old PCP-containing wood-treatment products on the database in 1996, there are now no such registered products on the Australian market. However, PCP may be available in Australia for industrial and manufacturing purposes, and inappropriate continued use from stored stocks cannot be discounted.

With regard to those workers who have been exposed to PCP contaminated with dioxins, it is likely that they have concentrations of these chemicals in their blood higher than those in the general population. Whether or not they have experienced symptoms and health effects at these concentrations is unknown. Although PCDD/Fs gradually break down and are eliminated from the body, because these chemicals have long half-lives these workers can continue to be exposed for quite some years after workplace exposure ceased.

Other pesticides

As part of an ongoing review of 2,4-D, targeted for completion in 2004, Canada's Pest Management Regulatory Agency (PMRA) has found that in addition to 2,4,5-T and pentachlorophenol (PCP), pesticides known to be contaminated with dioxins, several other pesticides currently used in Canada may contain traces of dioxin and furans. Dioxins were found in 2,4-D although not in amounts causing any environmental concern. Other pesticides reported as containing dioxin include chlorthal-dimethyl (also known as dimethyl tetrachloroterephthalate, Dacthal or DCPA), dicamba, dichlorprop (2,4-DP), hexaconazole, MCPA, mecoprop and quintozene. This issue is being examined by the Australia's pesticide regulator, The Australian Pesticide and Veterinary Medicines Authority (APVMA). A Canadian media report of the PMRA finding also listed "dichlorophenoxyl-phenol" as one of the pesticides; this appears to be an incorrect reference to 5-chloro-2-(2,4-dichlorophenoxyl) phenol (i.e. the disinfectant 'Triclosan') which may contain traces of several non-toxic dioxin congeners. The issue of impurities in Triclosan has been previously investigated by NICNAS within DoHA's Office of Chemical Safety.

3.6.3 Cigarettes

Dioxins are a natural product of the combustion of organic material. The amount of dioxins formed depends principally on: (1) high temperature processes and/or incomplete combustion; (2) the presence of organic carbon; and (3) the presence of chlorine (either in organic or inorganic form). The presence of materials containing dioxins will obviously also increase the release of these substances during the combustion process (UNEP Chemicals, 2003).

Tobacco leaf naturally contains both organic carbon and chloride ions (regardless of the presence or absence of pesticide residues or chemical/flavouring additives in the tobacco) and consequently, as for any thermal process, “combustion” of cigarettes and cigars produces dioxins.

Investigations of the ten most popular brands smoked in Germany gave “emissions” of 0.1 pg I-TEQ/cigarette (Ball et al, 1990). There were no results from cigars, but given the greater quantity of tobacco present in a cigar (2 - 20 times that of a cigarette), a value of approximately 0.3 pg I-TEQ is reasonable.

Lofroth and Zebuhr (1992) report dioxin concentrations in both mainstream and sidestream smoke from one brand of Swedish cigarettes as approximately 1 pg I-TEQ per cigarette for mainstream smoke (smoke from 20 cigarettes; one 2-second puff of 35 ml, each minute) and 2 pg I-TEQ per cigarette for sidestream smoke. No individual isomer made up more than 20% of the total dioxin content with most isomers below the detection limits of 0.3 – 1.3 pg. These values are about 10-times those reported in the German study, although the congener profiles were relatively similar. Dioxins have also been reported in tobacco smoke by Muto and Takizawa (1989).

In Australia, recent estimates (November 2002) suggest that approximately 1/5th (19.8%) of the population smoke (Wakefield & Bobevski, 2003). The average number of cigarettes smoked per day (factory made and 'roll-your-own'), including those who smoke on a daily or weekly basis, is 14.4 ($\pm$ 12.2 SD; n = 1,585) and for daily smokers, 15.7 + 12.2 (n = 1,414).

Assuming an intake per cigarette of between 0.1 - 0.5 pg TEQ (the upper value assuming inhalation of 50% of mainstream smoke containing 1 pg TEQ/cigarette; see above) would give a daily inhalation intake for an 'average' smoker of around 1.5 - 7.5 pg/day. Assuming 100% uptake *via* the lungs (see Section 3.3) means that the systemic exposure estimate would be the same. Ball et al (1990) estimated that smoking 20 cigarettes/day could result in a TEQ intake (PCDD/Fs) of up to 3 pg/day.

A daily inhalation intake for an 'average' smoker of around 1.5 - 7.5 pg/day is equivalent to ca. 0.5 - 3.0 pg/kg bw per month (assuming a bodyweight of 70 kg). While it is not clear whether the cigarette TEQs from the published literature are based on lower bound or upper bound estimates, they may be crudely compared with the mean estimated intake of PCDD/Fs from food in Australia of 0.9-10.2 pg WHO-TEQ/kg bw per month (lower bound and upper bound means for the population greater than 2 years old; see Section 3.2.1). This means that with an intake from smoking possibly being 1/3rd of that coming from food, smokers are likely to have a measurably elevated dioxin intake cf. non-smokers. This intake comparison is consistent with the US intake estimate, with PCDD/F exposure *via* cigarette smoking representing "over 10 percent of the average daily background dose of CDD/CDFs from soil, air, water and foods" (US EPA, 2000).

Non-smokers are also likely to be exposed to dioxins from passive intake of cigarette smoke. However, individual exposure to so-called 'sidestream' smoke is much more variable than the exposure of smokers themselves since it depends on a person's proximity to smokers, how often they are near smokers, and the extent of ventilation in

the smoking area. These extra uncertainties mean that it is not feasible to reasonably estimate the contribution of inhaled sidestream smoke to dioxin intake.

Whilst we do not have any experimental data in animals on the cancer risks from inhalation exposure to dioxins, available evidence suggests that for smokers, the health risks from other toxic and carcinogenic components of cigarettes far outweigh the likely health risk from the PCDD/Fs. However, it appears that encouraging people to give up smoking would help to reduce their body burden of dioxins; in young women in particular, smoking has the potential to increase their tissue levels of dioxins which can ultimately transfer to any future offspring *via* prenatal (transplacental) and postnatal (breast feeding) routes.

In view of the age of the available studies on dioxins in cigarette smoke (Ball et al, 1990; Lofroth & Zebuhr, 1992; Muto & Takizawa,1989), this could be an area for further investigation eg. laboratory experiments to accurately quantify release from burning cigarettes and epidemiology studies to see if cigarette smokers do indeed have higher body burdens of dioxins cf. matched controls (ie. to clearly ascertain whether cigarettes are a dioxin-source problem or not).

3.7 Exposure Estimates from All Sources

3.7.1 Estimated intake of dioxins from all sources

The total dioxin intake for the Australian adult population can be estimated by adding the estimated intakes from all sources of exposure. Table 3-32 gives the estimated PCDD/F, PCB and total dioxin intakes from air, food, soil and water, and the total estimated intake of dioxins for Australian adults. From this data it can be seen that intake from food represents between 95% and 99% of the total intake of dioxins, with intake from contact with soils and breathing of air representing 5% or less of the total intake of dioxins for Australian adults.

Table 3-32 Estimated exposure of Australian adults to dioxins from all sources

Source of exposure	Total intake (pg WHO TEQ/kg bw/month)					
	PCDD/Fs		PCBs		Total dioxins	
	Lower bound	Upper bound	Lower bound	Upper bound	Lower bound	Upper bound
Air[1]	0.104	0.111	0.016	0.017	0.120	0.127
Food[2]	0.9	10.2	2.8	5.4	3.7	15.6
Soil[3]	0.057	0.057	0.01	0.01	0.067	0.067
Water[4]	-	-	-	-	-	-
TOTAL	1.06	10.37	2.83	5.42	3.89	15.79

[1]- mean of adult male and female intake for urban airshed exposure
[2]- all Australians 2+ years of age, lower and upper bound estimates use LOQ rather than LOD
[3]- total of both dermal exposure and ingestion of soil from urban sites
[4]- intake from water was not estimated but is expected to be negligible (see Section 3.5.1)

The intake estimates given in Table 3-32 do not include an estimate of dioxin intake from cigarette smoking. Cigarette smokers will have a higher intake of dioxins than

non-smokers. Section 3.6.3 estimates a smoker's intake of PCDD/Fs from cigarette smoke as 0.5-3.0 pg
I-TEQ/kg bw/month, which is up to approximately one third of the upper bound PCDD/F intake estimated from food. No data were available on PCBs in cigarette smoke. Assuming that the PCB intake of a smoker is the same as a non-smoker, then a conservative upper bound estimation of the total dioxin intake of an average smoker is approximately 19 pg TEQ/kg bw/month.

Table 3-33 gives the estimated PCDD/F, PCB and total dioxin intakes from air, food, soil and water, and the total estimated intake of dioxins for young children in Australia. From this data it can be seen that intake from food represents between 86 and 97% of the total intake of dioxins, while intake from contact with soils and breathing of air represents between 3 and 14% of the total intake of dioxins.

The estimated total dioxin intakes of young Australian children are higher than those of the Australian adult population. This is expected since children have higher levels of food consumption relative to body weights than adults and intake from food represents the greatest source of exposure to dioxins. The estimated total dioxin intake from air is only slightly higher in young children than adults, but young children have significantly higher intakes of dioxins from soil since they have the potential to ingest much more soil than adults.

Table 3-33 Estimated exposure of young children in Australia to dioxins from all sources

Source of exposure	Total intake (pg WHO TEQ/kg bw/month)					
	PCDD/Fs		PCBs		Total dioxins	
	Lower bound	Upper bound	Lower bound	Upper bound	Lower bound	Upper bound
Air[1]	0.174	0.185	0.027	0.028	0.202	0.213
Food[2]	1.9	25.0	4.3	11.8	6.2	36.7
Soil[3]	0.73	0.74	0.087	0.087	0.82	0.83
Water[4]	-	-	-	-	-	-
TOTAL	2.80	25.92	4.41	11.91	7.22	37.74

1- intake of 1-year old child for urban airshed exposure
2- children 2-4 years of age, lower and upper bound estimates use LOQ rather than LOD
3- total of both dermal exposure and ingestion of soil from urban sites by a child 2-3 years of age
4- intake from water was not estimated but is expected to be negligible (see Section 3.5.1)

Other than the US EPA's (2000) comprehensive human exposure and health assessment, there are few recent, readily available multimedia dioxin health risk assessments that have been conducted by other countries. Liem and Rappe (1998) compared estimated daily exposures to PCDD/Fs in Canada, Germany, the Netherlands, the United Kingdom and the United States of America. However, these estimates were based on data collected in the late 1980s or early 1990s and several studies have shown that human exposures to dioxins have declined significantly since then, making it inappropriate to compare data collected approximately a decade apart (Codex Alimentarius Commission, 2003; European Commission, 2002; Food Standards Agency (UK) (2003); US EPA, 2000; Malish and Van Leewen, 2003).

Table 3-34 compares the recently estimated intake of dioxins in Australian and US populations with a US estimate of PCDD/F intake prepared in 1994 (US EPA, 1994). The data illustrate the decline in PCDD/F intake that has occurred in the USA since the early 1990s and shows that the current Australian dioxin intake estimates are lower than the recent US EPA estimates, even allowing for the fact that the Australian upper bound mean is being compared with the US middle bound mean. The PCDD/F intake estimates made in the late 1980s/early 1990s for 4 other countries and reported by Liem and Rappe (1998) were similar to those in the USA measured at about the same time (US EPA, 1994).

Table 3-34 Estimated adult intakes of dioxins from all sources: a comparison of recent Australian and American estimates with an American PCDD/F intake estimate from 1994.

Source of exposure	Total intake (pg WHO TEQ/kg bw/month)						
	PCDD/Fs			PCBs		Total dioxins	
	Australia 2004[1]	USA 2000[2]	USA 1994[3]	Australia 2004[1]	USA 2000[2]	Australia 2004[1]	USA 2000[2]
Air	0.111	0.69	0.94	0.017	-	0.127	0.69
Food[4]	10.2	16.7	49.7	5.4	10.2	15.6	26.76
Soil[5]	0.057	0.249	0.34	0.01	-	0.067	0.249
Water	-	0.0003	0.003	-	-	-	0.0003
TOTAL	10.37	17.7	51.4	5.42	10.2	15.79	27.9

[1]-upper bound mean
[2]-middle bound mean, except soil which is lower bound mean
[3]-middle bound I-TEQ estimate
[4]-total intake from all foodstuff
[5]-includes dermal and ingestion intakes for Australia 2004 and USA 2000 and soil ingestion for USA 1994

The intake estimates given in Tables 3-32 and 3-33 were calculated by combining the measured dioxin concentrations in environmental media and food with the estimated extent of contact (by ingestion, inhalation, dermal contact etc) with the media (see Sections 3.2 to 3.6). This approach gives the estimated current intake of dioxins in the Australian population.

Since dietary intake contributes by far the greatest proportion of the total intake of dioxins, the variability and uncertainty associated with the dietary intake assessment are the factors most likely to impact significantly on the overall intake assessment. In general terms, the major sources of uncertainty associated with the dietary intake assessment are those related to the analysis of dioxins in foodstuffs and those related to assumptions used in the dietary exposure modelling. Examples of some of the possible sources of uncertainty include the use of upper bound estimates (which generally leads to an overestimate of intake), the use of 24-hour recall survey data, the limited range of foodstuffs analysed and assumptions that certain foods that were not analysed contain dioxins at the same levels as similar foods that were analysed. For further details of some of the assumptions and uncertainties associated with dietary intake assessment see Section 3.2 and FSANZ (2004).

Other sources of uncertainty associated with the estimation of dioxin intake from all sources include the use of several default parameters for assessment of intakes from soils and air eg. assumptions about population average body weights and body fat percentages, air intake volumes, extent of contact with soils, the half- life of dioxins in the human body etc. Another potential source of uncertainty is the possible omission of a significant, but unidentified source of dioxin intake. Overall, the use of conservative assumptions, in particular the use of upper bound estimates for intake calculations, is most likely to have resulted in an overestimate of dioxin intake by the Australian population.

3.7.2 Estimating intake from measured body burdens

An alternative approach to investigating the exposure of the Australian population to dioxins is to estimate the average lifetime daily exposure (ALDE) from the measured body burdens of dioxin using a simple pharmacokinetic model. This approach to estimating dioxin intake is detailed in Section 3.1.1.5, and is based upon the fact that, assuming a steady-state between intake and excretion, a theoretical estimated average daily intake which would lead to a measured body burden can be calculated. Estimation of the total body burden of dioxins takes advantage of the fact that the concentration of these compounds in fat is constant throughout the body. Thus, whatever fat sample is used (eg. fat in blood or breast milk samples) gives an estimate of the concentration in all fat in the body. Then, using data on the percentage of total body weight which is made up of fat, the total body burden of dioxin can be easily estimated.

The ALDE estimated across all age groups to achieve the measured blood levels of dioxins was 1.3 pg WHO-TEQ/kg bw/day (40 pg WHO-TEQ/kg bw/month). This is approximately 2.5 times higher than the total dioxin intake estimate for adults calculated from current levels in food and the environment (15.7 pg WHO-TEQ/kg bw/month). The US EPA (2000) found daily dioxin intake estimated on the basis of blood serum data was approximately 2.2 times higher than the dioxin intake estimated from current levels in food and the environment. This difference is expected since the intake estimate based on blood serum measurement reflects past exposures to dioxin levels in food and the environment, which were higher than current levels (as outlined above and in Section 3.1). In addition, there is likely to be significant variability and uncertainty associated with each of the estimates.

It will be apparent that the calculations of TEQ intakes show that infants and children have higher intake rates than adults on a bodyweight basis (for reasons given in Section 3.7.1), yet simple ALDE calculations indicate the opposite. The reasons for this apparent discrepancy in the ALDE calculations include the fact that environmental levels of dioxin-like compounds were higher in the past than they are at present and thus adults have had proportionately greater exposure than younger people ie. given that the annual exposure to dioxin-like compounds has decreased over the decades, a back calculation using body burden in older age groups would be expected to yield a higher estimate of ALDE than one done for a younger age group that is only affected by more recent intakes. Furthermore, this simple steady-state model makes the assumption of constant half-life over the lifetime of an individual, an assumption which is very unlikely to be correct. If the average half-life increases with age, as expected with reduced fecal excretion and changing metabolism of dioxins (see discussion at Section 3.2.3), then a higher ALDE would be calculated for the younger, and a lower ALDE would be calculated for the older age categories ie. the discrepancy in ALDEs between the age groups would be much less apparent.

Thus, the use of a simple steady-state model which assumes a constant elimination half-life for dioxins in the human body regardless of its age or physiological status, can at best provide only a relatively crude back-estimate of a daily dioxin intake which may have led to a measured body burden at a particular time in life.

4. Health risk assessment

4.1 Health Risks for the General Population

4.1.1 Dietary exposure as a proportion of the Tolerable Monthly Intake (TMI)

Figure 4-1 shows the mean estimated monthly exposure to total dioxins for the range of population groups aged 2 years and above expressed as a percentage of the TMI. Appendix XVIII contains detailed tables of the mean and 95th percentile exposure results, as a percentage of the TMI, for PCDD/F, PCBs and total dioxins.

In all cases, the mean and 95th percentile estimated dietary exposure to total dioxins for all age-gender categories (from 2 years and above) were below the TMI of 70 pg WHO-TEQ/kg bw/month. Across all age groups from 2 years and above, the estimated mean exposure to total dioxins was between 5% (lower bound) and 22% (upper bound) of the TMI. The 95th percentile exposure for the same population was between 23% (lower bound) and 58% (upper bound) of the TMI. For the population groups representing the younger members of the population, the mean and 95th percentile dietary exposure estimates are higher percentages of the TMI, as a result of their lower bodyweights and a higher proportion of milk and dairy products in their diets.

The mean estimated dietary exposure for infants aged 9 months (fed 50% infant formula/ 50% solids, see Section 3.2.1.2) as a percentage of the TMI was considered separately from other population groups since this was derived using a different methodology and cannot be directly compared to other population groups. For this population group, the 95th percentile exposures were not calculated (see Section 3.3 for discussion). Estimated mean exposure to total dioxins for infants aged 9 months was 17% (lower bound) to 87% (upper bound) of the TMI. Infants at this age had the highest calculated mean exposure to total dioxins as a percentage of the TMI because of their high food consumption relative to body weight.

It is apparent that the estimated dietary intake vs age gives a different picture from that obtained when average lifetime daily exposures (ALDEs), which are back-calculated from measured dioxin body-burdens using a simple steady-state model, are plotted vs age. The errors and uncertainties in the simple model used for ALDE calculations are given in sections 3.1.1.5 and 3.7.

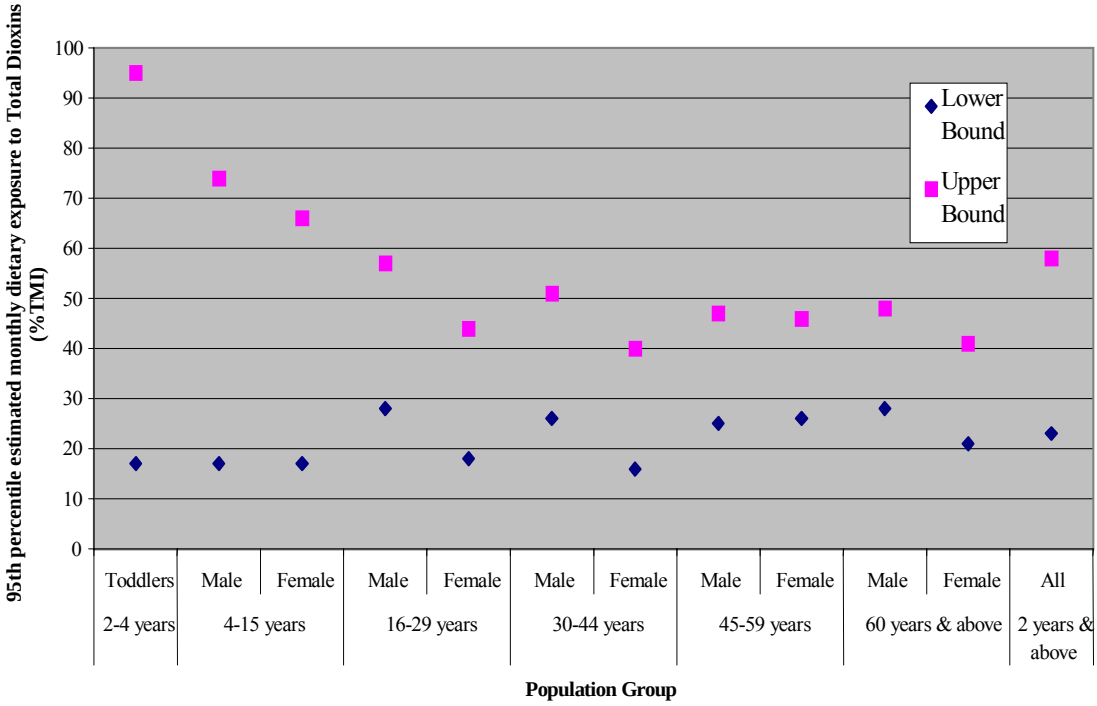

Figure 4-1 Mean estimated dietary exposure to total dioxins as a percentage of the TMI

Lower Bound – assumes results reported as being below the LOQ are zero.
Upper Bound – assumes results reported as being below the LOQ are at the LOQ.
Australian TMI = 70 pg TEQ/kg bw/month.
Dioxins = sum of intakes of PCDD/F and PCBs.
Estimated dietary exposures are based on food consumption data from the 1995 NNS

4.1.2 A comparison of intake from all sources with the TMI

The potential risk to the health of the general public as a result of exposure to dioxins can be estimated by comparing the current exposure estimates (outlined in Section 3.7) with the tolerable monthly intake (TMI) for dioxins. The upper bound mean total dioxin intakes for adults and young children (approx. 1-4 years of age) in Australia were 15.6 and 37.5 pg WHO-TEQ/ kg bw/month respectively. These estimates of intake represent 22% and 54% of the TMI of 70 pg WHO-TEQ/kg bw/day respectively. However, it should be noted that the upper bound intake estimates given in Section 3.7 are likely to be conservative overestimates, therefore the average intake by these two age groups is likely to be less.

Since the TMI is determined on the basis of the most sensitive adverse effects observed in animal studies and includes an appropriate safety factor, it is considered unlikely that the estimated average dioxin exposure of the Australian population (1+ years of age) would result in any appreciable health risk. However, because there are uncertainties in our understanding of the health effects that may be associated with exposure to dioxins, higher margins of safety are desirable to further reduce the potential for any possible risk to public health as a result of such exposure.

The intake from all sources was not calculated for children <1 year of age. However, the discussion in Section 4.1.1 about the dietary intake of a 9-month old infant fed 50% infant formula and 50% solids indicates that the total dioxin intake of this group of the population (fed this diet) is likely to be slightly lower than the TMI. It should be noted that the intake of infants is likely to have been overestimated and infants would only be exposed at these levels for a small proportion of the total lifetime. Section 4.2 includes further discussion of the potential for health risks in breast-fed infants.
In addition to the average exposures of the Australian population there may be certain segments of the population that could have exposures somewhat higher than the general population as a result of occupational exposure, smoking or elevated dietary exposure to certain foods that may contain high levels of dioxins. The potential health risk for segments of the population that may have elevated exposure to dioxins is detailed in Section 4.2.

4.1.3 Cancer risk

The IARC and other agencies/organisations have concluded that the available epidemiology data suggest that TCDD is likely to be a human carcinogen. Statistically significant increases in risks for all cancers were found in highly exposed workers with longer latency periods. Although the estimated Standardised Mortality Ratios (SMRs) for cancer were consistent across studies with the highest exposures, they were generally low.

A number of national agencies have endeavoured to provide quantitative estimates of cancer risk, based on low-dose extrapolation from both animal and human data. In view of the ongoing debate about the existence of a threshold level below which dioxins will not increase cancer risk, about the potency of the various dioxins, furans and PCBs in causing cancer, and the variability in various quantitative risk estimates, this assessment has not endeavoured to conduct a quantitative risk assessment. The available data from high dose animal studies and studies of human occupational and accidental exposures cannot be extrapolated quantitatively with any confidence down to values corresponding to the background exposures of the general population.

However, it is noted that the body burden of dioxins in the general population is several orders of magnitude lower than the body burdens of the most highly exposed industrial cohorts or by the neighbouring population during the industrial accidental exposure at Seveso (eg. Kogevinas, 2000), where there is evidence of some increased cancer risk. Although the excess cancer risk at the highest exposures in human epidemiology studies are statistically significant, most assessments of the cancer risks posed by dioxins note that these results need to be evaluated with caution as the overall risks are not high and the strongest evidence was for industrial populations with high exposures to dioxins, and also with heavy exposure to other chemicals. Furthermore, lifestyle factors such as smoking were not evaluated. JECFA also noted, *inter alia*, that there were few precedents of carcinogens that increase the risk for cancer at all sites combined, with no excess risk for any specific tumour predominating.

In the high-exposure industrial cohorts studied by IARC (IARC, 1997), blood lipid levels estimated to the last time of exposure were 2000 ng/kg (mean, with levels up to

32,000 ng/kg; US cohort), 1434 ng/kg (geometric mean, range 301 - 3,683 ng/kg; Dutch cohort), 1008 ng/kg (geometric mean; German workers with severe chloracne), and up to 2252 ng/kg (Boehringer cohort, Germany). The mean serum concentration across the Australian population was determined as 10.9 ng WHO-TEQ/kg on a lipid-adjusted basis (range: 4.6-28 ng WHO-TEQ/kg lipid). Thus, the workers in the industrial cohorts studied were exposed to TCDD levels two to three orders of magnitude higher than those experienced by the Australian population

The exposure of Australians to dioxins may also be compared to the levels required to cause tumours in laboratory animal studies. In 2001 the Joint FAO/WHO Expert Committee on Food additives (JECFA) noted that in a long-term carcinogenicity study in rats in which the incidence of liver tumours was increased over that in controls, the LOEL of 10 ng/kg bw/day for TCDD corresponded to a steady-state body burden of 290 ng/kg bw/day. In order for humans to attain a similar steady-state body burden, they would have to have a daily intake of 150 pg/kg bw (FAO/WHO, 2002), equivalent to 4,500 pg/kg bw per month. As estimated above, the upper bound mean total dioxin intakes by young children (1-4 years of age) and adults in Australia were 37.5 and 15.6 pg WHO-TEQ/ kg bw/month respectively. The margin of safety between these values is greater than immediately apparent if one takes into account the conclusion that rats are likely to be somewhat more sensitive than humans to the carcinogenic effects of TCDD (see 'Hazard Assessment' at Section 2) and the fact that the human intake is expressed as WHO-TEQ (total dioxin-like compounds) while the rats study was conducted using the most potent dioxin, TCDD.

As discussed in Section 2 ('Hazard Assessment') the Tolerable Monthly Intake value established on the basis of non-cancer effects is sufficiently protective to guard against any carcinogenic risk. This conclusion has been reached by the JECFA, the EC-SCF, the US SAB Panel, and other independent risk assessors.

4.2 Health Risks for Specific Population Sub-Groups

4.2.1 Breast-fed infants

As noted in Section 3.2.3, since infants have a high dietary intake and low bodyweight, they have higher exposures to food contaminants per kilogram of body weight than adults. Since human breast milk generally contains higher dioxin levels than infant formulas (which are based on plant-derived oils rather than animal fats), there are some concerns about breast-fed infants receiving a higher intake of dioxin-like compounds than formula-fed infants. However, data assessed in Section 3.2.3 indicate that, compared with intake estimates for breast-fed infants from other countries, estimates of intakes by Australian infants were the lowest amongst those countries for which data were retrieved.

Notwithstanding this, it is noted that during the breast-feeding period, absolute intake of dioxins is likely to be higher in breast-fed infants than formula-fed infants[27], while the

[27] A peer-review comment was that the breast milk comparison should be with "low levels/natural levels" in breast milk rather than with levels in formula. The difficulty arises in ascertaining what is a "natural"

estimated intake per kg bodyweight is clearly likely to be higher than dietary intakes of dioxins for the rest of the Australian population. Available evidence does suggest, however, that dioxin intake for breast-fed infants diminishes over time. This can be explained by the observations that the dioxin concentration in maternal milk decreases during lactation, that the excretion rate of dioxins is higher in infants than in adults, and the fact that food intake per unit body weight and per unit total body fat decreases with age (attributed to the rapidly increasing body weight and lipid volume of the growing infant).

At issue is whether there are likely to be any developmental consequences of a period of somewhat higher exposure to dioxin-like compounds during breast feeding as cf. formula-fed infants. In order to help answer this question, a number of studies have been conducted.

A 1997 Dutch review (Cuijpers et al, 1997) of four epidemiological studies published between 1984 and 1996 (referred to as the Michigan study, the Rotterdam/Groningen study, the Amsterdam study, and the North-Carolina study) led the reviewers to conclude that these studies did not indicate any adverse effect of postnatal exposure *via* mother's milk to dioxins, furans and PCBs on the postnatal development of children. While the authors of the reviewed studies suggested that neurotoxic effects in children exposed to relatively high prenatal levels of dioxins could not be excluded, Cuipers and co-authors opined that this conclusion remained to be demonstrated. At best, the results of the epidemiological studies served a function in the identification of possible hazards of dioxins but could not be used for any quantitative risk assessment purposes.

A large prospective follow-up study, the "Dutch PCB/Dioxin Study" was initiated in 1989. In 1993, this study became part of a multi-centre cohort study with Germany and Denmark, financed by the European Community. Of 418 'healthy' mother-infant pairs, fifty percent (n = 209) of the children were breast-fed and 50% were formula-fed during infancy. The cohort was also fairly evenly divided in location between a highly industrialised area and a semi-urban area. Subjects were followed from birth until 6 years of age. The primary goal of this study was to gain insight into possible toxic effects associated with environmental PCB and dioxin exposure and the contribution of prenatal *vs* postnatal exposure to neurobehavioural and cognitive outcomes (Patandin, 2001).

In considering the numerous papers published as a result of the Dutch PCB/Dioxin Study, it needs to be borne in mind that 'prenatal' exposure refers to direct transfer of dioxins to the developing foetus from the mother whereas 'postnatal' exposure refers to post-partum transfer *via* breast milk; thus both breast-fed and formula fed babies have equivalent prenatal exposures to dioxin-like compounds. Because of the fact that quite subtle developmental changes are being studied and because it may not have been possible to distinguish between pre- or postnatal exposures, some of the published findings from the Dutch PCB/Dioxin Study (see below) report on effects of peri-natal

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level; because of the limited numbers of samples taken, pooling of samples, and limited stratification of samples, no such samples could be clearly identified in this current study. Furthermore, it should be noted that no significant differences in dioxin levels were noted between rural, urban and industrialised urban areas in Australia.

exposure (exposure 'around' the time of birth) rather than specific pre- or post-birth exposures.

Prenatal PCB exposure was related to lower psychomotor scores at 7 months of age, poorer neurological condition at birth and at 18 months. At 42 months, prenatal PCB exposure was related to lower scores on the Kaufman Assessment Battery for Children, but no effect on the neurological condition was seen. Postnatal PCB and dioxin exposure through lactation was related to lower psychomotor development at 7 months (Vreugdenhil & Weisglas-Kuperus, 2000). Yet, in an assessment of play behaviour is school-age children, Vreugdenhil et al (2002b) reported more feminized play in boys as well as girls to be associated with higher prenatal dioxin levels, not with postnatal exposure to dioxin and PCBs through breast feeding.

Boersma and Lanting (2000) and Boersma et al (2001) investigated long-term effects of perinatal exposure to PCBs and dioxins on neurological and cognitive development in these infants from birth to 6 years of age. Data obtained suggested that prenatal exposure to PCBs may have subtle negative effects on early neurological and cognitive development of children but there were consistently beneficial effects of breast-feeding on brain development when children were studied from 18 months up to school age. Various possible mechanisms to explain the ability of breast feeding to counteract adverse developmental effects were suggested, including the transfer of hormones and biologically-active peptides, various long-chain fatty acids found in human milk which are important in supporting brain growth and development, as well as the psychosocial aspects of nursing. In a related component of the study which assessed the cognitive and motor abilities of school-age children using the McCarthy Scales of Children's Abilities, the authors (Vreugendhil et al, 2002) concluded that subtle cognitive and motor developmental delays from prenatal (perinatal?) PCB and dioxin exposure may persist into school age "when parental and home characteristics were less optimal", but such effects were not measurable in children raised in more optimal environments. That is, the intellectual stimulation provided by a more advantageous parental and home environment appeared to counteract any possible effects of prenatal exposure to PCBs and dioxins on cognitive and motor abilities. (Note that while half of this population was fully breast-fed for at least 6 weeks and the other half formula fed during infancy, the study focussed on linking effects to prenatal exposure.)

Weisglas-Kuperus et al (2000) suggested that prenatal exposure to PCBs and dioxins is associated with changes in the T-cell lymphocyte population in healthy Dutch infants, concluding that in Dutch preschool children the effects of perinatal background exposure to PCBs might be associated with a greater susceptibility to infectious diseases. However, the authors also hypothesized that this might lead to a lower prevalence of allergic diseases.

As appears to be the case in the Dutch PCB/Dioxin Study, a number of other studies (eg. Gladen et al, 1988; Jacobson et al, 1990; Huisman et al, 1995) also indicate that any neurological deficits associated with exposure to dioxins and other organochlorine contaminants appears to be associated with *in utero* exposure rather than breastfeeding, in spite of the higher doses received postnatally through breast milk than transplacentally.

A program established by the Japanese Ministry of Health and Welfare measured concentrations of dioxins in breast milk samples collected in Osaka over a 23-year period between 1973 - 1996 showed a decrease of approximately 50% in the level of dioxin-like compounds in the fat. It was reported that there were no changes in the health status of Japanese infants over this period (Hirayama, 2000). However, such a broad conclusion does not add significant information to the debate about effects of perinatal exposure of infants to dioxins.

Tsutsumi et al (2000) studied a cohort of Japanese females of reproductive age (2,281 control subjects and 567 patients with endometriosis) and reported that females who had been breast-fed had a lower incidence of endometriosis in adult life than non breast-fed infants. This unexpected finding led them to conclude that, if dioxin exposure was partly responsible for an increased incidence of endometriosis in women, it was not due to dioxin exposure during the breast-feeding period.

In two episodes of epidemic poisoning in Japan and Taiwan (so-called Yusho and Yu-Cheng incidents, respectively), developmental effects in infants and children born to mothers who had been exposed to PCDFs and PCBs included a higher incidence of natal teeth and later, missing permanent teeth, delayed eruption of permanent teeth, and disturbed root development (Ikeda, 1996; Rogan et al, 1988). A Finnish study (Alaluusua et al, 1996) concluded that long breast feeding may increase the risk of mineralization defects in children, possibly because of environmental contaminants (not identified). Further investigations (Alaluusua et al, 1999) suggested that such defects occurred more often and were more severe in children who had been exposed to higher amounts of polychlorinated aromatic hydrocarbons than in those exposed to lower amounts. Another Finnish study on 34,457 infants born in 1997-2000 (Alaluusua et al, 2002) indicated that the prevailing levels of PCDD/Fs and PCBs appeared to be below the threshold to cause perinatal eruption of teeth.
More recently, this Finnish research team has concluded that, despite findings that dioxins can have adverse effects on tooth development, breast feeding should not be restricted. This was made on the basis of observations that dioxin levels are declining and the fact that the benefits outweigh any possible risks (Alaluusua, 2004).

Hoover (1999) estimated the exposure of Canadian infants to persistent organochlorines in breast milk, using probabilistic methods. Although the levels of persistent compounds have been declining in Canadian breast milk, there were potential risks arising from exposure to dioxins, furans and PCBs. It was concluded that the well-documented benefits of breast-feeding qualitatively appeared to outweigh potential health concerns associated with organochlorine exposure. Furthermore, the risks of mortality from not breast-feeding as estimated by Rogan and colleagues (Rogan et al, 1991) exceeded any theoretical cancer risk estimated for infant exposure to potential carcinogens in Canadian breast milk. Rogan et al (1991) concluded that only extreme levels of contaminants could result in a greater health hazard than failure to breast feed. Thus, any recommendation to reduce or eliminate breast feeding would only be appropriate in isolated situations in which there was heavy exposure of the mother, such as might occur occupationally or from consumption of highly contaminated food (Rogan et al, 1991).

Despite evidence that breast-fed infants may initially have somewhat higher exposures to dioxin-like compounds than formula-fed infants, it has been widely concluded that, in addition to meeting nutritional needs, breast milk provides numerous immunological, developmental, psychological, economic, and practical advantages. Furthermore, a range of studies support the conclusion that breast-feeding may be related to the prevention of some adult-onset health problems such as diabetes and coronary heart disease. There are a large number of publications which catalogue specific benefits of breast feeding; some of these are outlined in the following Table.

Table 4-1 Some reported health benefits of breast feeding

Morbidity and mortality	Protection against otitis media, bacteraemia, meningitis, diarrhoea, necrotizing enterocolitis, gastro-intestinal disorders, anaemia, eczema, respiratory and urinary tract infections, Sudden Infant Death Syndrome (SIDs), Crohn's disease, celiac disease and Type I diabetes
Neurological effects	Long-chain fatty acids in breast milk are essential for brain development; Breast-fed infants score higher in a variety of neurodevelopmental tests and are at a lower risk for learning disability; Exclusively breast-fed infants show more advanced psychological and psychomotor development at one year of age; Pre-term infants fed breast milk (even by tube-feeding) had better IQ outcomes at age 7-8;
Immunological effects	Breast-fed infants are protected against a variety of immune-related disorders including auto-immune diseases, food allergies and allergic dermatitis; Immune systems of breast-fed infants appear to mature more quickly; Immunological protection afforded by breast milk reduces the overall morbidity in breast-fed infants.
Physical development	Enhances the maturation of the neonatal intestinal tract.
Vision	Fatty acids in breast milk are important for optimal retinal development and visual function.
Psychological	Provides an opportunity for mother/infant bonding, with implications for emotional development and adult psychoaffective behaviour.

Table adapted from Hoover (1999) and references therein.

The WHO estimated the percentage of lifetime intake of PCDD/Fs and PCBs that would be obtained from nursing and concluded that exposure is small in comparison to the benefits of breast feeding (WHO, 1988). After more recent extensive evaluation of the literature, the WHO has re-stated that current scientific evidence does not support altering its global public health recommendation of exclusive breast-feeding for 6 months, followed by safe and appropriate complementary foods, with continued breast-feeding, up to 2 years of age or beyond, as appropriate (Pronczuk et al, 2002). Nevertheless, it has also stated that further efforts to control environmental releases of these compounds is warranted, based on results of epidemiological studies showing the possibility of subtle clinical, endocrine and neurodevelopmental effects, in conjunction with related data obtained in experimental animals (Brouwer et al, 1998; AMAP 2003).

In conclusion, breast-fed infants are likely to have an intake of dioxins over the breast-feeding period which is somewhat higher than in formula-fed infants. However, by far the majority of evidence in the scientific literature suggests that any short-term adverse effects of this intake are far outweighed by the beneficial effects of breast feeding.

4.2.2 Workers exposed to chlorinated pesticides

Occupational exposure to the herbicide 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) contaminated with TCDD is considered in some detail in Section 3.6.2. It appears that some heavily contaminated 2,4,5-T may have been illegally imported from about 1969 to 1971 and used in a government weed control program undertaken by the Agriculture Protection Board (APB) from 1975 to 1985, in the Kimberleys and other regions of WA. An inquiry was conducted by the Parliament of Western Australia; the final report of The Expert Medical Panel to Evaluate Recommendations of the Kimberley Chemical Use Review (made public on 27th February 2004; accessed via http://www.ministers.wa.gov.au) concluded that the cohort of APB workers examined may have experienced a somewhat higher incidence of cancer than the community overall, although the results were not statistically significant. Other signs and symptoms of ill health that the APB workers reported did not appear to be caused by their exposure to herbicides during their employment in the spray program. Thus, no cases of chloracne were reported to have been diagnosed (a condition which indicates exposure). Symptoms of anxiety and depression reported by the APB workers were no more prevalent than in the general community. For diabetes, possibly associated with exposure to dioxins (see Section 2), the expected diabetes-related death rate in the indigenous referent population was greater than that observed in APB workers. Further, there was no strong evidence to suggest that mortality in APB workers was higher than in the general Kimberley population. It is not possible to comment further on any link between cancer incidence and exposure to dioxins in this case, since no survey of serum dioxin levels has yet been conducted in APB workers involved in 2,4,5-T spraying programs. The results of such a survey, if performed, could indicate whether these workers had significantly higher historical exposures to dioxins than a control population. Thus, the available information from this study does not allow any assessment to be made of the likely increase in cancer risk from a given exposure to dioxins.

2,4,5-T and 2,4-D were manufactured in Sydney for more than 25 years at the Union Carbide site at Rhodes. DDT was manufactured there for almost 40 years. Unfortunately, information about the health of these workers does not appear to be available. However, there is information available about the site – particularly dioxin levels.

The historical use of pentachlorophenol (PCP) in the timber industry in Australia to protect softwood timber from decay has most likely resulted in occupational exposure to PCDD and PCDFs for some timber workers. Whether or not they have experienced symptoms and health effects due to such exposures is unknown. Whilst there does not appear to be any evidence of significant long-term health effects from the use of PCP, the possibility of such effects cannot be excluded.

4.2.3 Cigarette smokers

Very approximate estimates (Section 3.6.3) indicate that intake of PCDD/Fs by the average smoker could be around 1/3rd of that coming from food. Thus, smokers are likely to have a measurably elevated dioxin intake cf. non-smokers, with the potential for an increased body burden of dioxins. Smokers place themselves at significant health

risk from the many other toxic and carcinogenic components present in cigarette smoke, a risk which far outweighs the risk from intake of this level of dioxins. However, it appears that encouraging people to give up smoking would help to reduce body burdens of dioxins in the 1/5th of the Australian population which smoke; in young women in particular, smoking has the potential to increase their tissue levels of dioxins which could ultimately transfer to any future offspring *via* prenatal (transplacental) and postnatal (breast feeding) routes.

Non-smokers are also likely to be exposed to dioxins from passive intake of cigarette smoke. However, because individual exposure to so-called 'sidestream' smoke is much more variable than the exposure of smokers themselves, it is not feasible to reasonably estimate the extra contribution of inhaled sidestream smoke to dioxin intake *via* the lungs.

4.2.4 Subsistence and recreational fishermen

In Australia, indigenous populations which may consume diets high in seafood are located in northern coastal areas away from key population centres. Thus the seafood that they consume is unlikely to present a significant dietary source of dioxin-like compounds.

In considering the intake of recreational fishermen based in larger population centres, the typical dioxin concentrations in seafood and typical rates of consumption have been included in the dietary intake assessment conducted by FSANZ (see Section 3.2.1). The kinds of exposures likely to occur in Australian waters are addressed within the estimates of variability of the levels of dioxin-like compounds found, and are not considered to be likely to result in a population subgroup which would be significantly more exposed than the general population. Except in a place like Homebush Bay where the fish are significantly more contaminated due to the contamination of sediments resulting from the manufacture of 2,4,5-T. The sediments of Homebush Bay and the land where the chemicals were manufactured is about to be remediated. Currently, there is a ban on all types of fishing in the area to try and ensure that people don't get exposed to these fish that have significant levels of dioxins.

4.2.5 Indigenous populations

The Aboriginal and Torres Strait Islander population in Australia tends not to have a high intake of animal fats from wild-caught game, including land animals (kangaroos, wallabies, lizards etc) and marine species (eg. dugongs, turtles and crocodiles). Overall, indigenous diets would not generally rely more heavily on animal fats than the rest of the Australian population (advice from the Population Health Division of the Australian Department of Health and Ageing). In Australia with its temperate, tropical and hot climatic zones, the contamination of native Australian animals which may be food sources for the aboriginal population is not a significant problem cf. levels of persistent organic pollutants (including dioxins) found in the extensive fat stores of arctic mammals e.g. seals and polar bears. This arctic contamination arises from the trans-boundary migration of POPs in the northern hemisphere, with their volatilisation from tropical and temperate climate zones and subsequent precipitation in the polar zone of the Arctic Circle. An ecological risk assessment of dioxins in Australia (Gatehouse,

2004) also noted that only low levels of dioxins were found in Australian fauna, this being particularly so in low-trophic-level herbivores and in marine mammals living in the open ocean environments of this continent.

5. Recommendations

Although hundreds of epidemiology studies have looked at the human health effects of dioxin exposures, neither the full extent of dioxin contamination nor the magnitude of the associated human health risks are clearly understood (eg. Institute of Medicine, 2004). Because of this, and in the light of increasing scientific knowledge about the biological actions and effects of dioxin-like compounds, it would be prudent to continue efforts to reduce any potential risks to human health. Thus, a cautious and conservative approach should be adopted with respect to dioxin-like compounds.

5.1 Some Specific Risk Management Recommendations

The following are some suggested specific measures to help reduce population body-burdens of dioxins.

- Programs which have been introduced to reduce the release of dioxin-like compounds to the environment need to be on going.

- Ways to block the cycling of dioxins through the food supply need to be identified. Reducing the level of dioxins in feed given to livestock, poultry and aquaculture fish will help to reduce the levels of dioxins in the food supply. This may be achieved by reducing the amount of animal fat used as a growth enhancer in stockfeed, and sourcing fish-based aquaculture feed (eg. pilchards, sardines) from non-polluted environments.

- Since foods high in animal fats are a source of exposure to these chemicals, current efforts to promote lower saturated fat intake in the population should continue[28].

- The utility and feasibility of setting Maximum Limits (MLs), action levels and target values for dioxin-like compounds in those food groups which contribute most to the human body burden of dioxins could be considered by the health, food and agriculture portfolios. Exceeding action thresholds, if set, would instigate efforts to identify sources of contamination, whilst target values would be set lower than current average background levels.

- Current programs to discourage cigarette smoking should be maintained. In particular, any measures which reduce dioxin intake in young women are likely to help reduce their body burden of dioxins and ultimately, the amount of dioxins

[28] Note that the relative specific heath risks of exposure to dioxins are low compared to those arising from a high intake of saturated fats

which may be transferred to their offspring, both prenatally (*via* trans-placental transfer) and postnatally *via* breast milk[29].

- The population burden of dioxin-like compounds should be monitored periodically, to see whether risk reduction strategies are effective.

Note that these recommendations are preliminary risk management recommendations made by the Office of Chemical Safety and they will be further developed following discussions with other government agencies and consideration of public input.

[29] As for dietary intake of saturated fats, the specific health risks associated with dioxin exposure are low compared to the known adverse effects of smoking. This could be an area for further investigation eg. to ascertain whether smokers have higher body burdens of dioxins cf. matched controls.

References

Abraham K, Geusau A, Tosun Y et al (2002) Severe 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) intoxication: Insights into the measurement of hepatic cytochrome P450 1A2 induction. Clin Pharmacol Therap 72(2): 163-174.

Ahlborg UG, Becking GC, Birnbaum LS, Brouwer A, Derks HJGM, Feeley M, Golor G, Hanberg A, Larsen JC, Liem AKD et al (1994) Toxic equivalency factors for dioxin-like PCBs; report on a WHO-ECEH and IPCS consultation. Chemosphere 28: 1049-1067.

Alaluusua S (2004) Developing tooth as an indicator of and organ model for dioxin exposure. http://www.ktl.fi/sytty/abstracts/alaluu.htm

Alaluusua S, Calderara P, Gerthoux PM, Lukinmaa PL, Kovero O, Needham L, Patterson DG Jr, Tuomisto J, Mocarelli P (2004) Developmental dental aberrations after the dioxin accident in Seveso. Environ Health Persp 112:1313-1318.

Alaluusua S, Kiviranta H, Leppaniemi A, Holtta P, Lukinmaa PL, Lope L, Jarvenpaa AL, Renlund M, Toppari J, Virtanen H, Kaleva M & Vartiainen T (2002) Natal and neonatal teeth in relation to environmental toxicants. Pediatr Res 52(5): 652-655.

Alaluusua S, Lukinmaa P L, Koskimies M, Pirinen S, Holtta P, Kallio M, Holttinen T & Salmenpera L (1996) Developmental dental defects associated with long breast feeding. Eur J Oral Sci 104: 493-497.

Alaluusua S, Lukinmaa P-L, Torppa J, Tuomisto J & Vartiainen (1999) Developing teeth as biomarker of dioxin exposure. Lancet 353: 206-207.

AMAP (2003) AMAP Assessment 2002: Human health in the Artic. Artic Monitoring and Assessment Programme (AMAP), Oslo, 2003.

Assennato G, Cervino D, Emmett EA, Longo G & Merlo F (1989) Follow-up of subjects who developed chloracne following TCDD exposure at Seveso. Am J Ind Med 16: 119-25.

ATSDR (1998) Toxicological Profile for Chlorinated Dibenzo-*p*-Dioxins. US Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry. Dec. 1998.

Australian Capital Territory Community Care (Child, Youth and Women's Health Program) (2000) 'From Milk to More… Introducing Foods to Your Baby', Publishing Services, Canberra.

Ashe WF & Suskind RR (1950) Reports on Chloracne Cases. Monsanto Chemical Co, Nitro, West Virginia, October 1949 and April 1950. Department of Environmental Health, College of Medicine, University of Cincinnati, Cincinnati, OH.

Baccarelli A, Mocarelli P, Patterson DG, Jr, Bonzini M, Pesatori AC, Caporaso N & Landi MT (2002) Immunologic effects of dioxin: new results from Seveso and comparison with other studies. [Review] Env Hlth Persp 110: 1169-1173.

Bacher R, Riehle U, Swerev M & Ballschmiter K (1991) Patterns and levels of polyhalogenated (Br-, Cl-) dibenzodioxins and dibenzofurans in automobile traffic related samples. Chemosphere 23: 1151-1171.

Ball M, Päpke O & Lis A (1990) Polychlordibenzodioxine und Polychlordibenzofurane in Zigarettenrauch. Beitr Tabakforsch Int 14: 393–402.

Barrett DH, Morris RD, Akhtar FZ & Michalek JE (2001) Serum dioxin and cognitive functioning among veterans of Operation Ranch Hand. Neurotoxicol 22: 491-502.

Bates MN, Thomson B & Garrett N (2001) Investigations of organochlorine contaminants in the milk of New Zealand women. A report from the Institute of Environmental Science and Research to the Ministry of Health, Wellington, New Zealand.

Bawden K, Ormerod R, Starke G & Zeise K (2004) National Dioxins Programme Technical Report No. 3, inventory of dioxin emissions in Australia, 2004. Consultancy by Pacific Air and Environment Pty Ltd.

Becher H, Steindorf K & Flesch-Janys D (1998) Quantitative cancer risk assessment for dioxins using an occupational cohort. Env Hlth Persp 106 (Suppl 2): 663-670.

Beck H, Eckart K, Mathar W & Wittkowski R (1989) Dependence of PCDD and PCDF levels in human milk on various parameters in the Federal Republic of Germany. Chemosphere 18: 1063-1066.

Beck H, Dross A & Mathar W (1992). PCDDs, PCDFs and related compounds in the German food supply. Chemosphere, 25, 1539-1550

Bertazzi PA, Consonni D, Bachetti S, Rubagotti M, Baccarelli A, Zocchetti C et al (2001) Health effects of dioxin exposure: a 20-year mortality study. [Comment] [Review] Am J Epidemiol 153: 1031-1044.

Bertazzi PA, Zocchetti C, Pesatori AC, Guercilena S, Sanarico M & Radice L (1989) Ten-year mortality study of the population involved in the Seveso incident in 1976. Am J Epidemiol 129: 1187–1200.

Birmingham B, Gilman A Grant D, Saliminen L, Bodington M, Thorpe M, Wile I, Toft P & Armstrong V (1989a) PCCD/PCDF multimedia exposure analysis for the Canadian population, detailed exposure estimate. Chemosphere 19: 637-642.

Birmingham B, Thorpe B, Frank R, Clement R, Tosine H, Fleming G, Ashman J, Wheeler J, Ripley BD & Ryan JJ (1989b) Dietary intake of PCDD and PCDF from food in Ontario, Canada. Chemosphere 19: 507-512.

Birnbaum LS, Staskal DF & Diliberto JJ (2003) Health effects of polybrominated dibenzo-p-dioxins (PBDDs) and dibenzofurans (PBDFs). Environ Int 29: 855-860.

Boersma ER & Lanting CI (2000) Environmental exposure to polychlorinated biphenyls (PCBs) and dioxins. Consequences for longterm neurological and cognitive development of the child lactation. [Review] Advances Exp Med Biol 478: 271-287.

Boersma ER, Legros J-J, Boersma R, Brock J, Korner W, Huff J et al (2001) Environmental exposure to polychlorinated biphenyls (PCBs) and dioxins: Consequences for long term neurological and cognitive development of the child. A review. APMIS Suppl 109: S243-S253.

Bowman RE, Schantz SL, Gross ML & Ferguson SA (1989a) Behavioral effects in monkeys exposed to 2,3,7,8-TCDD transmitted maternally during gestation and for four months of nursing. Chemosphere 18: 235-242.

Bowman RE, Schantz SL & Weerasinghe NCA, Gross M & Barsotti D (1989b) Chronic dietary intake of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) at 5 and 25 parts per trillion in the monkey: TCDD kinetics and dose-effect estimate of reproductive toxicity. Chemosphere 18: 243–252.

Bowman RE, Tong HY, Gross ML, Monson SJ & Weerasinghe NCA (1990) Controlled exposure of female rhesus monkeys to 2,3,7,8-TCDD: concentrations of TCDD in fat of offspring and its decline over time. Chemosphere 20: 1199-1202.

Brouwer A, Ahlborg UG, Van Leeuwen FX & Feeley MM (1998) Report of the WHO Working Group on the assessment of health risks for human infants from exposure to PCDDs, PCDFs and PCBs. Chemosphere 37: 1627-1643.

Buckland SJ, Bates MN, Garrett N, Ellis H & Van Maanen T (2001) Concentrations of selected organochlorines in the serum of the non-occupationally exposed New Zealand population. in Ministry for the Environment, Wellington. www.mfe.govt.nz/publications/hazardous/serum-study-may01.pdf

Buckland SJ, Dye EA, Leathem SV & Taucher JA (1994) The levels of PCDDs and PCDFs in soil samples collected from conservation areas following bush fires. *Organohalogen Compounds* 20: 85-89.

Buckland SJ, Ellis HK & Salter RT (1999) Organochlorines in New Zealand: ambient concentrations of selected organochlorines in air. Ministry for the Environment, Wellington, 2003.

Buckland SJ, Ellis HK & Salter RT (1998b) Organochlorines in New Zealand: Ambient Concentrations of Selected Organochlorines in Soils. in Ministry for the Environment, Wellington.

Buckland S, Scoble S & Heslop V (1998a) Concentrations of PCDDs, PCDFs and PCBs in retail foods and an assessment of dietary intake for New Zealanders. Ministry for the Environment Website, www.mfe.govt.nz.

Burleson GR, Lebrec H, Yang YG, Ibanes JD, Pennington KN & Birnbaum LS (1996) Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on influenza virus host resistance in mice. Fund Appl Toxicol 29: 40-47.

Butte NF, Lopez-Alarcon MG & Garza C (2002) Nutrient Adequacy of Exclusive Breastfeeding for the Term Infant During the First Six Months of Life, World Health Organization, Geneva.

Calvert GM, Sweeney MH, Deddens J & Wall DK (1999) Evaluation of diabetes mellitus, serum glucose, and thyroid function among United States workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Occup Environ Med 56: 270-276.

CDC (1989) Health Status of Vietnam Veterans: Vietnam Experience Study. Vols. I–V, Supplements A–C. Center for Disease Control, US Department of Health Services, Atlanta, GA.

Cleverly DH, Winters D, Ferrario J, Schaum J, Schweer G, Buchert J, Greene C, Dupuy A & Byrne C (2000) The national dioxin air monitoring network (NDAMN): Results of the first year of atmospheric measurements of CDDs, CDFs and dioxin-like PCBs in rural and agricultural areas of the United States: June 1998-June 1999. Organohalogen Compounds 45: 248-251.

Codex Alimentarius Commission (2001) Codex Committee on Food Additives and Contaminants Thirty-third session The Hague, The Netherlands, 12–16 March 2001. Position paper on dioxins and dioxin-like PCBs. CX/FAC 01/29.

Codex Alimentarius Commission (2003) Joint FAO/WHO Food Standards Program. Codex Committee on Food Additives and Contaminants. Thirty-Fifth Session, Agenda item 16(g), March 2003.

COM (2001) Communication from the Commission to the Council, the European Parliament and the Economic and Social Committee. Community Strategy for Dioxins, Furans and Polychlorinated Biphenyls. COM (2001) 593 final.

Cook RR, Bond GG, Olson RA & Ott MG (1987) Update of the mortality experience of workers exposed to chlorinated dioxins. Chemosphere, 16: 2111–2116.

Cook RR, Bond GG & Olson RA (1986) Evaluation of the mortality experience of workers exposed to the chlorinated dioxins. Chemosphere 15: 1769-1776.

COT (1997) Statement by the Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment on the Health Hazards of Polychlorinated Biphenyl. Department of Health, London.

COT (2001) Statement on the Tolerable Daily Intake for Dioxins and Dioxin-like Polychlorinated Biphenyls. 19 November 2001 (http://www.foodstandards.gov.uk)

Covaci A, Koopen G, Van Cleuvenbergen R, Schepens PJ, Winneke G & Schoeters G (2001) Persistent organochlorine compounds in human serum of 50-65 years old women living in two regions of Flanders, Belgium Organohalogen Compounds 52: 265-267.

Crane PJ, Barnard DL, Horsley KD & Adena MA (1997) Mortality of Vietnam veterans: the veteran cohort study. A report of the 1996 retrospective cohort study of Australian Vietnam veterans. Canberra: Australian Government Department of Veterans' Affairs, Canberra. ISBN 0 642 27098 8 . (See: http://www.dva.gov.au/media/publicat/mortal1.htm)

Cranmer M, Louie S, Kennedy RH, Kern PA & Fonseca VA (2000) Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is associated with hyperinsulinemia and insulin resistance. Toxicol Sci 56: 431-436.

Crump KS, Canady R & Kogevinas M (2003) Meta-analysis of dioxin cancer dose-response for three occupational cohorts. Env Hlth Persp 111: 681-687.

Cuijpers CEJ, Zeilmaker MJ, Van der Molen GW, Slob W & Lebret E (1997) Developments in infant exposure to dioxins, furans and PCBs in breast milk and potential health consequences, in the Netherlands. National Institute of Public Health and the Environment (RIVM), Bilthoven, the Netherlands. Report 529102007, November 1997. (www.rivm.nl/bibliotheek/rapporten/529102007.html)

DAFF (2003) Dioxins testing program for Australian agricultural commodities. Summary report of results to the PISC Dioxins Technical Working Group and the National Residues Survey. Nov. 2003. Australian Government Department of Agriculture, Fisheries and Forestry. [Final report published as: Australian Government Department of Agriculture, Fisheries and Forestry (2004) Dioxins in Agricultural Commodities in Australia, National Dioxins Program Technical Report No. 8, Australian Government Department of the Environment and Heritage, Canberra.]

DeCaprio AP, McMartin DM, O'Keefe PW, Rej R, Silkworth JB & Kaminsky LS (1986) Subchronic oral toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the guinea pig: Comparisons with a PCB-containing transformer fluid pyrolysate. Fundam Appl Toxicol 6: 454-463.

Deml E, Mangelsdorf I & Greim H (1996) Chlorinated dibenzodioxins and dibenzofurans (PCDD/F) in blood and human milk of non occupationally exposed persons living in the vicinity of a municipal waste incinerator. Chemosphere 33: 1941-1950.

Department of Health and Human Services (DHHS)(2002) Public Health Assessment Guidance Manual (Update). Chapter 8: Health Effects Evaluation: Weight-of-Evidence Analysis. Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, Georgia, USA.

Diliberto JJ, Jackson JA & Birnbaum LS (1996) Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal and parenteral exposures in rats. Toxicol Appl Pharmacol 138: 158-168

Donath SM & Amir LH (2002) The introduction of breast milk substitutes and solid foods: evidence from the 1995 National Health Survey. Aust New Zealand J Public Hlth 26(5): 481-484.

DVA (2000) Morbidity of Vietnam Veterans: Survey Findings and Community Comparisons
Part A - Medical History. Australian Government Department of Veterans' Affairs (see: http://www.dva.gov.au/health/research/morbidity/partA.htm)

EC Scientific Committee on Food (2000) Opinion of the SCF on the Risk Assessment of Dioxins and Dioxin-like PCBs in Food., European Commission, Health & Consumer Protection Directorate-General, Brussels, Belgium. Document SCF/CS/CNTM/DIOXIN/8 Final. Adopted on 22 November 2000.

EC Scientific Committee on Food (2001) Opinion of SCF on the Risk Assessment of Dioxins and Dioxin-Like PCBs in Food. (Update based on new scientific information available since the adoption of the SCF Opinion of 22nd November 2000). European Commission, Health & Consumer Protection Directorate-General, Brussels, Belgium. Document CS/CNTM/DIOXIN/20 final. Adopted on 30 May 2001.

Egeland GM, Sweeney MG, Fingerhut MA, Wille KK, Schnorr TM & Halperin WE (1994) Total serum testosterone and gonadotropins in workers exposed to dioxins. Am J Epidemiol 139: 272–281.

EnHealth (2002) Environmental Health Risk Assessment. Guidelines for assessing human health risks from environmental hazards. Australian Government Department of Health and Ageing and EnHealth Council. June 2002.

EnHealth (2003) Australian Exposure Assessment Handbook. (Consultation Draft) Australian Government Department of Health and Ageing and EnHealth Council. December 2003.

Environment Agency and Ministry of Health and Welfare (1999) Memorandum on Tolerable Daily Intake (TDI) of Dioxins and Related Compounds (Japan). Environmental Health Committee of the Central Environment Council [Environment Agency] and Living Environment Council and Food Sanitation Investigation Council [Ministry of Health and Welfare], Japan. (In English)

Eskenazi B, Mocarelli P, Warner M, Samuels S, Vercellini P, Olive D et al (2002) Serum dioxin concentrations and endometriosis: a cohort study in Seveso, Italy. Env Hlth Persp 110: 629-634.

FAO/WHO (2002) Fifty-seventh Report of the Joint FAO/WHO Expert Committee on Food Additives. Rome, 5–14 June 2001. Polychlorinated dibenzodioxins, polychlorinated dibenzofurans and coplanar polychlorinated biphenyls. pp 121-146. WHO Technical Report Series 909, World Health Organization, Geneva.

Faqi AS, Dalsenter PR, Merker HJ & Chahoud I (1998) Reproductive toxicity and tissue concentrations of low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male offspring rats exposed throughout pregnancy and lactation. Toxicol Appl Pharmacol 150:383.

Fingerhut M, Halperin W, Marlow D, Piacitelli L, Honchar P, Sweeney M, Greife A, Dill P, Steenland K & Suruda A (1991b) Mortality Among US Workers Employed in the Production of Chemicals Contaminated with 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). (NTIS PB 91-125971). US Department of Health and Human Services, National Institute for Occupational Safety and Health, Cincinnati, OH.

Fingerhut MA, Halperin WE, Marlow DA, Piacitelli LA, Honchar PA, Sweeney MH, Greife AL, Dill PA, Steenland K & Suruda AJ (1991a) Cancer mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. New England J Med 324: 212–218.

Focant JF, Pirard C, Thielen C & De Pauw E (2002) Levels and profiles of PCDDs, PCDFs and PCBs in Belgian breast milk. Estimation of infant intake. Chemosphere 48: 763-770.

Food Standards Agency (UK) (2003) Dioxins and Dioxin-Like PCBs in the UK Diet: 2001 Total Diet Study Samples. Food Survey Information Sheet 38/03, www.food.gov.uk/science/surveillance/ .

FSANZ (2004) Dietary exposure assessment and risk characterisation. Dioxins in food. Food Standards Australia New Zealand, Canberra, ACT, Australia. Draft report, April 2004.

Fürst P, Beck H & Theelen RMC (1992a) Assessment of human intake of PCDDs and PCDFs from different environmental sources. Toxic Subst J 12: 133-150.

Fürst P, Fürst C & Wilmers K (1992b) PCDDs and PCDFs in human milk – statistical evaluation of a 6-years survey. Chemosphere 25: 1029-1038.

Fürst P, Krüger C, Meemken H & Groebel WCN (1989) PCDD and PCDF levels in human milk – dependence on period of lactation. Chemosphere 18: 439-444.

Gallagher D, Heymsfield SB, Heo M, Jebb SA, Murgatroyd PR & Sakamoto Y (2000) Healthy percentage body fat ranges: an approach for developing guidelines based on body mass index. Am J Clin Nutrit 72(3): 694-701.

Gaus C, Costanzo S, Grant S, Toms L, Harden F, Ng J, Ping J, Müller J, Shaw G, Moore M, Webster B, Oakes D, Alex Bordujenko & Horsley K (2003) Literature Review on the Human Health Effects Associated with Exposure to the Herbicides 2,4,5-

T and 2,4-D, and Dioxins. Final Report. Prepared for the Department of Health, Government of Western Australia. Published by the National Research Centre for Environmental Toxicology and Queensland Health Pathology and Scientific Services, Queensland, Australia, August 2003.

Gaus C, Päpke O, Dennison N, Haynes D, Shaw G, Connell D & Müller J (2001) Evidence for the presence of a widespread PCDD source in coastal sediments and soils from Queensland, Australia. Chemosphere 43: 549-558.

Gehrs BC & Smialowicz RJ (1999) Persistent suppression of delayed-type hypersensitivity in adult F344 rats after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Toxicol 134(1): 79-88.

Gehrs BC, Riddle MM, Williams WC & Smialowicz RJ (1997) Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. II. Effects on the pup and the adult. Toxicol 122: 229–240.

Geusau A, Abraham K, Geissler K, Sator MO, Stingl G & Tschachler E(2001a) Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: Clinical and laboratory effects. Env Hlth Persp 109(8): 865-869.

Geusau A, Schmaldienst S, Derfler K et al (2002) Severe 2,3,7,8-tetrachlorodibenzo-*p*-dioxin intoxication: kinetics and trials to enhance elimination in two patients. Arch Toxicol 76(5-6): 316-325.

Geusau A, Tschachler E, Mixner M et al (1999) Olestra increases faecal excretion of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. Lancet 354(9186): 1266-1267.

Geusau A, Tschachler E, Mixner M et al (2001) Cutaneous elimination 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. Brit J Dermatol 145(6): 938-943.

Gilpin RK, Wagel DJ & Solch JG (2003) Production, distribution, and fate of polychlorinated dibenzo-*p*-dioxins and related organohalogens in the environment. In Dioxins and Health, 2nd Ed. Schecter A & Gasiewicz TA, eds. John Wiley & Sons, New Jersey.

Gladen BC, Rogan WJ, Hardy P, Thullen J, Tingelstadt J & Tully M (1988) Development after exposure to polychlorinated biphenyls and dichlorodiphenyl dichloroethene transplacentally and through human milk. J Paediatr 113(6): 991-995.

Gonzalez CA, Kogevinas M, Gadea E, Huici A, Bosch A, Bleda MJ & Papke O (2000) Biomonitoring study of people living near or working at a municipal solid-waste incinerator before and after two years of operation. Arch Environ Health, 55: 259-267.

Goodman DG & Sauer RM (1992) Hepatotoxicity and carcinogenicity in female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): a pathology Working Group reevaluation. Reg Toxicol Pharmacol 15: 245-252.

Gorman J, Mival K, Wright J & Howell M (2003) Developing risk-based screening guidelines for dioxin management at a Melbourne sewerage treatment plant. Water Sci Technol 47(10): 1-7.

Gras J (2002) Technical Report No. 5: Emissions from domestic solid-fuel burning appliances. Canberra. Consultancy by CSIRO Atmospheric Research to the Department of Environment and Heritage.

Gras JL & Müller J (2003) Determination of Ambient Environmental Levels of Dioxins in Australia – Assessment of the Levels of Dioxins in Ambient Air in Australia. Draft Final Report, 25 November 2003. Consultancy by CSIRO Atmospheric Research to the Department of Environment and Heritage.

Gray J, Ostby JS & Kelce WR (1997a) A dose-response analysis of the reproductive effects of a single gestational dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male Long Evans Hooded rat offspring. Toxicol Appl Pharmacol 146: 11–20.

Gray J, Wolf C, Mann P & Ostby JS (1997b) In utero exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin alters reproductive development of female Long Evans Hooded rat offspring. Toxicol Appl Pharmacol, 146: 237–244.

Gray K, Longnecker M, Klebanoff M, Brock J, Zhou H & Needham L (2000) In utero exposure to background levels of polychlorinated biphenyls and cognitive functioning among school-aged children. Neurotoxicol Teratol 22 (3): 455.

Greene JF, Hays S & Paustenbach D (2003) Basis for a proposed reference dose (RfD) for dioxin of 1-10 pg/kg-day: A weight of evidence evaluation of the human and animals studies. J Toxicol Env Hlth, Part B 6: 115-159.

Greene JF & Paustenbach D (2002) A proposed reference dose (RfD) for dioxin of 5-10 pg/kg-day: A weight of evidence evaluation of the human studies. Web document at http://www.niehs.nih.gov/external/usvcrp/conf2002/abs_pdf/diox-054.pdf

Greizerstein, HB, Stinson, C, Mendola, P, Buck, GM, Kostyniak PJ, & Vena JE (1999) Comparison of PCB congeners and pesticide levels between serum and milk from lactating women Environmental Research Section A 80:280-286.

Hannah DJ, Banks LH, Buckland SJ, Dye EA, Hofmann KA, Leathem SV, Porter LJ & Van Maanen T (1994) Polychlorinated dibenzo-p-dioxins and dibenzofurans in the blood of New Zealanders. Organohalogen Compounds, 21:277-280.

Harden F, Müller J, Toms L, Gaus C, Hobson P, Moore M, Päpke O & Ryan J (2004) Determination of the levels of dioxins in the Australian population by analysis of blood serum. Final Report. National Research Centre for Environmental Toxicology, Brisbane, Queensland, March 2004. [Final report published as: Harden F, Müller J, Toms L, Gaus C, Moore M, Päpke O, Ryan J, Hobson P, Symons R, Horsley K, Sim M, Van den Berg M & Fürst P (2004) Dioxins in the Australian Population: Levels in

Blood, National Dioxins Program Technical Report No. 9, Australian Government Department of the Environment and Heritage, Canberra.

Harper AC (2002) The Kimberley Chemical Use Review of concerns of former Agricultural Protection Board (APB) employees involved in herbicide spraying in the Kimberley Region between 1975 and 1985. Prepared for and presented to the Hon. Kim Chance, Minister for Agriculture, Forestry and Fisheries, Government of Western Australia. Perth, June 2002.

Health Council of the Netherlands Committee on Risk Evaluation of Substances/ Dioxins (1996) Dioxins: Polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls. Publication No. 1996/10E, Health Council of the Netherlands, The Hague.

Henriksen GL, Ketchum NS, Michalek JE & Swaby JA (1997) Serum dioxin and diabetes mellitus in veterans of Operation Ranch Hand. Epidemiol 8: 252–258.

Henriksen GL, Michalek JE, Swaby JA & Rahe AJ (1996) Serum dioxin, testosterone, and gonadotropins in veterans of Operation Ranch Hand. Epidemiol 7: 352–357.

Hirayama M (2000) Breast milk and dioxins. Asian Med J 43: 1-6.

Hitchcock NE, Gracey M, Gilmour AI & Owler EN (1986) Nutrition and growth in infancy and early childhood: A longitudinal study from birth to five years, Monographs in Paediatrics, no. 19, pp 1-92.

Hoegberg P, Schmidt CK, Nau H, Ross AC, Zolfaghari R, Fletcher N, Trossvik C, Nilsson CB & Hakansson H (2003) 2,3,7,8-tetrachlorodibenzo-p-dioxin induces lecithin: retinol acyltransferase transcription in the rat kidney. Chem Biol Interact 145: 1-16.

Holtta P, Kiviranta H, Leppaniemi A, Vartiainen T, Lukinmaa PL & Alaluusua S (2001) Developmental dental defects in children who reside by a river polluted by dioxins and furans. Arch Environ Hlth 56(6): 522-528.

Hoover SM (1999) Exposure to persistent organochlorines in Canadian breast milk: a probabilistic assessment. [Review] Risk Anal 19: 527-545.

Huisman M, Koopman-Esseboom C, Lanting CI, Van der Paauw CG, Tuinstra LG, Fidler V, Weisglas-Kuperus N, Sauer PJ, Boersma ER & Touwen BC (1995) Neurological condition in 18-month-old children perinatally exposed to polychlorinated biphenyls and dioxins. Early Hum Dev 43: 165-176.

Hurst CH, DeVito MJ & Birnbaum LS (2000a) Tissue disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in maternal and developing Long-Evans rats following subchronic exposure. Toxicol Sci 57 (2): 275-83.

Hurst CH, DeVito MJ, Setzer RW & Birnbaum LS (2000b) Acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in pregnant Long-Evans rats: Association of measured tissue concentrations with developmental effects. Toxicol Sci 53 (2):411-20.

IARC (1997) IARC monographs on the evaluation of carcinogenic risks to humans. Vol 69 Polychlorinated dibenzo-para-dioxins and polychlorinated dibenzofurans. International Agency for Research on Cancer. Lyon, France.

Iida T, Hirakawa H, Matsueda T, Shigeyuki T & Nagayama J (1999) Polychlorinated dibenzo-p-dioxins and related compounds: the blood levels of young Japanese women. Chemosphere 38: 3497-3502.

Ikeda M (1996) Comparison of clinical picture between Yusho/Yusheng cases and occupational PCB poisoning cases. Chemosphere 32: 559-566.

Institute of Medicine (1994) Veterans and Agent Orange: Health effects of herbicides used in Vietnam. National Academy Press, Washington, DC.

Institute of Medicine (2004) Dioxin and dioxin-like compounds in the food supply: Strategies to decrease exposure. (Summary at http://ww.iom.edu. Full report at http://www.nap.edu/catalog/10763.html)

Jacobson JL, Jacobson SW & Humphrey HEB (1990) Effects of *in utero* exposure to polychlorinated biphenyls and related contaminants on cognitive function in young children. J Paediatr 116(1): 38-45.

FAO/WHO (2001) Joint FAO/WHO Expert Committee on Food Additives (JECFA). Summary and Conclusions, Fifty-seventh Meeting, Annex 4, 5-14 June 2001, pp 24-40. Rome.

Gatehouse R (2004) Ecological risk assessment of dioxins in Australia. National Dioxins Program Technical Report No. 11. Australian Government Department of the Environment and Heritage, Canberra.

Jennings AM, Wild G, Ward JD & Milford Ward A (1988) Immunological abnormalities 17 years after accidental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Brit J Indust Med 45: 701–704.

Jiménez B, Hernández LM, Eljarrat E, Rivera J & González MJ (1996) Levels of PCDDs, PCDFs and non-ortho PCBs in serum samples of non-exposed individuals living in Madrid (Spain). Chemosphere 33: 2403-2410.

Jirasek L, Kalensky J, Kubec K, Pazderova J & Lukas E (1976) Chloracne, porphyria cutanea tarda and other intoxication by herbicides. Hautarzt 27: 328–333.

Jirasek L, Kalensky J, Kubec K, Pazderova J & Lukas E (1974) Acne chlorina, porphyria cutanea tarda and other manifestations of general poisoning during the manufacture of herbicides. II. Cesk Dermatol 49(3): 145-57.

Johansen R, Alexander J, Rossland OJ, Planting S, Løvik M, Gaarder PI, Gdynia W, Bjerve KS & Bacher G (1996) PCDDs, PCDFs, and PCBs in human blood in relation to consumption of crabs from a contaminated fjord area in Norway, Env Hlth Perspectives 104:756-764.

Jones KH (1993) Diesel truck emissions, an unrecognised source of PCDD/PCDF exposure in the United States. Risk Analysis 13: 245-252.

Kang D, Tepper A & Patterson DG Jr (1997) Coplanar PCBs and the relative contribution of coplanar PCBs, PCDDs, and PCDFs to the total 2,3,7,8-TCDD toxicity equivalents in human serum. Chemosphere. 35:503-511.

Kattainen H, Tuukkanen J, Simanainen U, Tuomisto JT, Kovero O, Alaluusua S, Tuomisto J & Viluksela M (2001) In utero/lactational TCDD exposure impairs the molar tooth development in rats. Toxicol Appl Pharmacol 174: 216-224.

Kayajanian GM (1999) Dioxin is a systemic promoter blocker, II. Ecotox Env Safety 42: 103-109.

Kayajanian GM (2000) Southeast Asia, promotability and dioxin's relationship to cancer incidence in operation ranch hand veterans.[Comment] Ecotox Env Safety 46: 125-129.

Kayajanian GM (2001) Dioxin body burdens in operation ranch hand veterans: promotion blocking and cancer causation. Ecotox Environ Safety 50: 167-173.

Kayajanian GM (2002) The J-shaped dioxin dose response curve. [Comment] Ecotox Env Safety 51: 1-4.

Keenan RE, Paustenbach DJ, Wenning RJ & Parsons AH (1991) Pathology reevalution of the Kociba et al (1978) bioassay of 2,3,7,8-TCDD: implications for risk assessment. J Toxicol Env Hlth 34: 279-296.

Ketchum NS, Michalek JE & Burton JE (1999) Serum dioxin and cancer in veterans of Operation Ranch Hand. Am J Epidemiol 149: 630-639.

Kim JS, Lim HS, Cho SI, Cheong HK & Lim MK (2003) Impact of Agent Orange exposure among Korean Vietnam veterans. Indust Hlth 41: 149-157.

Kociba RJ, Keyes DG, Beyer JE, Carreon RM, Wade CE, Dittenber DA, Kalnins RP, Frauson LE, Park CN, Barnard SD, Hummel RA & Humiston CG (1978) Results of a two year chronic toxicity and oncogenicity study of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats. Toxicol Appl Pharmacol 46 (2): 279-303.

Kogevinas M (2000) Studies of cancer in humans. [Review] Food Addit Contam 17: 317-324.

Kogevinas M (2001) Human health effects of dioxins: cancer, reproductive and endocrine system effects. [Review] Human Reprod Update 7: 331-339.

Kogevinas M, Legros J-J, Leffers H & Doi R (2001) Human health effects of dioxins: Cancer, reproductive and endocrine system effects. APMIS Suppl 109: S223-S232.

Kontsas H, Rosenberg C, Torneaus J, Mutanen P & Jappinen P (1998) Exposure of workers to 2,3,7,8-substituted polychlorinated dibenzo-p-dioxin (PCDD) and dibenzofuran (PCDF) compounds in sawmills previously using chlorophenol-containing antistain agents. Arch Env Hlth 53(2): 99-109.

Kreuzer PE, Csanády Gy A, Baur C, Kessler W, Päpke O, Greim H & Filser JG (1997) 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition. Arch Toxicol 71: 383-400.

Krust A, Mimura J, Chambon P, Yanagisawa J, Fujii-Kuriyama Y & Kato S (2003) Modulation of oestrogen receptor signalling by association with the activated dioxin receptor. Nature 423: 545-550.

Kumagai S, Koda S, Miyakita T & Ueno M (2002) Polychlorinated dibenzo-p-dioxin and dibenzofuran concentrations in serum samples of workers at intermittently burning municipal waste incinerators in Japan. Occ Env Med 59: 362-368.

Lai TJ, Guo YL, Guo NW & Hsu CC (2001) Effect of prenatal exposure to polychlorinated biphenyls on cognitive development in children: a longitudinal study in Taiwan. Brit J Psychiat 178: S49-S52.

Lakind JS, Berlin CM, Park CN, Naiman DQ & Gudka NJ. (2000) Methodology for characterising distributions of incremental body burdens of 2,3,7,8-TCDD and DDE from breast milk in North American nursing infants. J Toxicol Env Hlth 59: 605-639.

Lawson CC, Schnorr TM, Whelan EA, Deddens JA, Dankovic DA, Piacitelli LA, Sweeney MH & Connally LB (2004) Paternal occupational exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and birth outcomes of offspring: Birth weight, preterm delivery and birth defects. Env Hlth Persp 112: 1403-1408

Liem DAK, Fürst P & Rappe C (2000) Exposure of populations to dioxins and related compounds. Food Addit Contam 17: 241-259.

Liem AKD & Rappe C (1998) Exposure of populations to 2,3,7,8-TCDD and related compounds. Draft working paper for the WHO-ECH/IPCS consultation on assessment of the health risk of dioxins; reevaluation of the tolerable daily intake. WHO, Geneva 25-29 May 1998.

Lilienthal H, Fastabend A, Hany J, Kaya H, Roth-Harer A, Dunemann L & Winneke G (2000) Reduced levels of 1,25-dihydroxyvitamin D(3) in rat dams and offspring after exposure to a reconstituted PCB mixture. Toxicol Sci 57: 292-301.

Liu X, Lai TJ, Guo YL, Guo NW & Rogan WJ (2001) Behavioral problems and cognitive functioning in children with high prenatal PCB exposure: a cohort study. Am J Epidemiol 153: S168.

Löfroth G & Zebühr L (1992) Polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in mainstream and sidestream cigarette smoke. Bull Environ Contam Toxicol 1992 Jun; 48(6): 789-94.

Longnecker MP & Daniels JL (2001) Environmental contaminants as etiologic factors for diabetes. Env Hlth Persp 109: 871-876.

Longnecker MP & Michalek JE (2000) Serum dioxin level in relation to diabetes mellitus among air force veterans with background levels of exposure. Epidemiol 11: 44-48.

Lorber M & Phillips L (2002) Infant exposure to dioxin-like compounds in breast milk. Env Hlth Perspect 110(6): A325-A332.

Mably TA, Moore RW & Peterson RE (1992a) In utero and lactational exposure of male rats to 2,3,7,8-tetrachlordibenzo-p-dioxin. 1. Effects on androgenic status. Toxicol Appl Pharmacol 114(1): 97-107.

Mably TA, Moore RW, Goy RW & Peterson RE (1992b) In utero and lactational exposure of male rats to 2,3,7,8-tetrachlordibenzo-p-dioxin. 2. Effects on sexual behavior and the regulation of luteinizing hormone secretion in adulthood. Toxicol Appl Pharmacol 114(1): 108-117.

Mably TA, Bjerke DL, Moore RW, Gendon-Fitzpatrick A & Peterson RE (1992c) In utero and lactational exposure of male rats to 2,3,7,8-tetrachlordibenzo-p-dioxin. 3. Effects on spermatogenesis and reproductive capability. Toxicol Appl Pharmacol 114(1): 118-126

Mackay D, Shiu WY & Ma KC (1992a) Illustrated Handbook of Physical Properties and Environmental Fate for Organic Chemicals. Vol. 1 Monoaromatic Hydrocarbons, Chlorobenzenes and PCBs. Lewis Publishers Inc (now CRC Press), Chelsea, Michigan, 697 pp.

Mackay D, Shiu WY & Ma KC (1992b) Illustrated Handbook of Physical Properties and Environmental Fate for Organic Chemicals. Vol. 2 Polynuclear Aromatic Hydrocarbons, Polychlorinated Dioxins and Dibenzofurans. Lewis Publishers Inc (now CRC Press), Chelsea, Michigan, 597 pp.

Mackie D, Liu J, Loh Y-S & Thomas V (2003) No evidence of dioxin cancer threshold. Env Hlth Persp 111: 1145-1147.

MAFF (1992) Dioxins in Food. Food Surveillance Paper No. 31. Ministry of Agriculture, Fisheries and Food, London.

Malisch R & Van Leewen FXR (2003) Results of the WHO-coordinated exposure study on the levels of PCBs, PCDDs and PCDFs in human milk. Organohalogen Compounds 60-65, Proceeding of Dioxin 2003, Boston, MA.

Menzel HM, Bolm-Audorff U, Turcer E, Bienfait HG, Albracht G, Walter D, Emmel, C Knecht U & Päpke O (1998) Occupational exposure to dioxins by thermal oxygen cutting, welding, and soldering of metals. Environmental Health Perspectives. 106(Suppl 2): 715-722.

Meyer CP & Beer T (2004) Determination of the levels of emissions of dioxins from bushfires in Australia. Draft Final Report. Consultancy by CSIRO Atmospheric Research to the Department of the Environment and Heritage. [Final report published as: Meyer C, Beer T, Mueller J, Gillett R, Weeks I, Powell J, Tolhurst K, McCaw L, Cook G Marney D & R. Symons (2004) Dioxin Emissions from Bushfires in Australia, National Dioxins Program Technical Report No. 1, Australian Government Department of the Environment and Heritage, Canberra.]

Michalek JE, Akhtar FZ, Arezzo JC, Garabrant DH & Albers JW (2001) Serum dioxin and peripheral neuropathy in veterans of Operation Ranch Hand. Neurotoxicol 22: 479-490.

Mocarelli P, Gerthoux PM, Ferrari E, Patterson DG Jr, Kieszak SM, Brambilla P, Vincoli N, Signorini S, Tramacere P, Carreri V, Sampson EJ, Turner WE & Needham LL (2000) Paternal concentrations of dioxin and sex ratio of offspring. Lancet 355: 1858-1863.

Mocarelli P, Needham LL, Marocchi A, Patterson DG Jr, Brambilla P, Gerthoux PM, Meazza L & Carreri V (1991) Serum concentrations of 2,3,7,8-tetrachlorodibenzo-p-dioxin and test results from selected residents of Seveso, Italy. J Toxicol Environ Hlth 32: 357-66.

Moses M, Lilis R & Crow KD (1984) Health status of workers with past exposure to 2,3,7,8-tetrachlorodibenzodioxin in the manufacture of 2,4,5-trichlorophenoxyacetic acid: Comparison of findings with and without chloracne. Am J Indust Med 5: 161–182.

Müller J, Harden F & Toms L (2003a) Determination of the levels of dioxins and dioxin-like compounds in the Australian population by analysis of pooled human breast milk. National Research Centre for Environmental Toxicology, Brisbane, Queensland. September, 2003. [Final report published as: Harden F, Müller J, Toms L, Moore M, Burniston D, Symons R, Ahokas J, Fürst P & Päpke O (2004) Dioxins in the Australian Population: Levels in Human Milk, National Dioxins Program Technical Report No. 10, Australian Government Department of the Environment and Heritage, Canberra.]

Müller J, Müller R, Goudkamp K, Shaw M, Mortimer M, Haynes D, Burniston D, Symons R & Moore M (2003b) Determination of ambient environmental levels of dioxins in Australia: 3. Determination of the levels of dioxins in soils in Australia. National Research Centre for Environmental Toxicology, Brisbane, Queensland, November 2003. [Final Report published as: Müller J, Muller, R, Goudkamp, K, Shaw M, Mortimer M, Haynes D, Burniston D, Symons R & Moore M (2004) Dioxins in Soils in Australia, National Dioxins Program Technical Report No. 5, Australian Government Department of the Environment and Heritage, Canberra.]

Müller J, Müller R, Goudkamp K, Mortimer M, Shaw M, Haynes D, Paxman C, Hyne R, McTaggart A, Burniston D, Symons R & Moore M (2003c) Determination of ambient environmental levels of dioxins in Australia: 2. Determination of the levels of dioxins in aquatic environments in Australia. National Centre for Environmental Toxicology, Brisbane, Queensland, November 2003. [Final Report published as: Müller J, Muller R, Goudkamp K, Shaw M, Mortimer M, Haynes D, Paxman C, Hyne R, McTaggart A, Burniston D, Symons R & Moore M (2004) Dioxins in Aquatic Environments in Australia, National Dioxins Program Technical Report No. 6, Australian Government Department of the Environment and Heritage, Canberra.]

Müller J, Sutton M, Wermuth UD, McLachlan MS, Will S, Hawker DW & Connell DW (1996) Polychlorinated dibenzodioxins and polychlorinated dibenzo-furans in topsoils from northern Queensland, with a history of different trash management practices. In 'Sugarcane: Research Towards Efficient and Sustainable Production'. Eds Wilson JR, Hogarth DM, Campbell JA & Garside AL. CSIRO Division of Tropical Crops and Pastures, Brisbane.

Muto H & Takizawa Y (1989) Dioxins in cigarette smoke. Arch Environ Hlth 44(3): 171-174.

NATO/CCMS (1988) Scientific basis for the development of the International Toxicity Equivalency Factor (I-TEF) method of risk assessment for complex mixtures of dioxins and related compounds. Report No. 178, Dec 24,1988.

NHMRC (2003) Dietary Guidelines for Children and Adolescents in Australia Incorporating the Infant Feeding Guidelines for Health Workers. National Health and Medical Research Council. (www.nhmrc.gov.au)

Neubert R, Golor G, Stahlmann R, Helge H & Neubert D (1992) Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system IV. Effects of multiple-dose treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*). Arch Toxicol 66: 250–259.

NHS (2001) National Health Survey. Australia. Australian Bureau of Statistics. (Data avaliable on request. Contact ABS *via* http://www.abs.gov.au)

NHMRC/TGA (2002) Dioxins: Recommendation for a Tolerable Monthly Intake for Australians. The National Medical Health & Research Council and the Therapeutic Goods Administration. ISBN 1 86496 175 9 (Print); 1 86496 181 3 (On-line).

Nilsson CB & Hakansson H (2002) The retinoid signalling system – a target for dioxin toxicity. [Review] Crit Rev Toxicol 32: 211-232.

NNS (1995) National Nutrition Survey. Australia. Australian Bureau of Statistics. (Data avaliable on request. Contact ABS *via* http://www.abs.gov.au)

Ohno Y (2001) New trend in risk assessment (data based uncertainty factors and determination of Japanese TDI value for dioxins). J Toxicol Sci 26: 190.

Ohsako S, Miyabara Y, Nishimura N, Kurosawa S, Sakaue M, Ishimura R, Sato M, Takeda K, Aoki Y, Soni H, Tohyama C & Yonemoto J (2001) Maternal exposure to a low dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) suppressed the development of reproductive organs of male rats: dose-dependent increase of mRNA levels of 5-alpha-reductase type 2 in contrast to decrease of androgen receptor in the pubertal ventral prostate. Toxicol Sci 60 (1): 132-43.

Ohtake F, Takeyama K, Matsumoto T, Kitagawa H Yamamoto Y, Nohara K, Tohyama C, Van Birgelen AP, Van der Kolk J, Fase KM, Bol I, Poiger H, Brouwer A & Van den Berg M (1995) Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in female Sprague-Dawley rats. Toxicol Appl Pharmacol 132: 1-13.

Oliver RM (1975) Toxic effects of 2,3,7,8-tetrachlorodibenzo-1,4-dioxin in laboratory workers. Brit J Indust Med 32: 49–53.

Ott MG & Zober A (1996) Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident. Occup Env Med 53: 606–612.

Ott MG, Olson RA & Cook RR (1987) Cohort mortality study of chemical workers with potential exposure to the higher chlorinated dioxins. J Occup Med 29: 422–429.

Ott MG, Holder BB & Olson RO (1980) A mortality analysis of employees engaged in the manufacture of 2,4,5-trichlorophenoxyacetic acid. J Occup Med: 22: 47–50.

Owen B (1990) Literature-derived absorption coefficients for 39 chemicals via oral and inhalation routes of exposure. Regulatory Toxicol. Pharmacol. 11: 237-252.

Pacific Air and Environment (2002a) Determination of the levels of dioxins emissions from motor vehicles in Australia. (Tender number 14/2002). Final report. Consultancy by Pacific Air and Environment Pty Ltd to the Department of the Environment and Heritage, Canberra, Australia. [Final Report published as: Smit R, Zeise K, Caffin A & Anyon P (2004) Dioxins Emissions from Motor Vehicles in Australia, National Dioxins Program Technical Report No. 2, Australian Government Department of the Environment and Heritage, Canberra.]

Pacific Air and Environment (2002b) Sources of dioxins and furans in Australia: Air emissions. Revised Edition May 2002. Consultancy by Pacific Air and Environment Pty Ltd to the Department of the Environment and Heritage, Canberra, Australia. (http://www.deh.gov.au/industry/chemicals/dioxins/pubs/dioxins-revised.pdf)

Päpke O (1998) PCDD/PCDF: human background data for Germany, a 10-year experience. Env Hlth Persp 106: 723-731.

Päpke O, Ball M, Lis A & Wuthe J (1996) PCDD/PCDFs in humans, follow-up of background data for Germany, 1994. Chemosphere 32: 575-582.

Partanen A-M, Kiukkonen A, Sahlberg C, Alaluusua S, Thesleff I, Pohjanvirta R, et al (2004) Developmental toxicity of dioxin to mouse embryonic teeth in vitro: arrest of tooth morphogenesis involves stimulation of apoptotic program in the dental epithelium. Toxicol Appl Pharmacol 194: 24-33.

Patandin S (2001) Neurotoxic effects in preschool children exposed to background levels of PCBs and dioxins. Neurotoxicol 21: 244-245.

Patandin S, Lanting CI, Mulder PG, Boersma ER, Sauer PJ & Weisglas-Kuperus N (1999a) Effects of environmental exposure to polychlorinated biphenyls and dioxins on cognitive abilities in Dutch children at 42 months of age. [Comment] J Pediat 134: 33-41.

Patandin, S, Dagnelie, PC, Mulder, PGH, Op de Coul, E, Van der Veen, JE, Weisglas-Kuperus, N & Sauer, PJJ (1999b) Dietary exposure to polychlorinated biphenyls and dioxins from infancy until adulthood: A comparison between breast-feeding, toddler and long-term exposure. Env Hlth Persp 107: 45-51.

Paustenbach DJ (2002) The U.S. EPA Science Advisory Board Evaluation (2001) of the EPA dioxin reassessment. [Review] Reg Tox Pharmacol 36: 211-219.

Pauwels A, Covaci A, Weyler J, Delbeke L, Dhont M, De Sutter P, DHooghe T & Schepens PJC (2000) Comparison of persistent organic pollutant residues in serum and adipose tissue in a female population in Belgium, 1996-1998. Arch Environ Contam Toxicol 39: 265-270.

Pauwels A, Schepens PJ, D'Hooghe T, Delbeke L, Dhont M, Brouwer A & Weyler J (2001) The risk of endometriosis and exposure to dioxins and polychlorinated biphenyls: a case-control study of infertile women. Human Reprod 16: 2050-2055.

Pazderova-Vejlupkova J, Nemcova M, Pickova J & Jirasek L (1981) The development and prognosis of chronic intoxication by tetrachlorodibenzo-p-dioxin in men. Arch Env Hlth 36: 5–11.

Pelclova D, Fenclova Z, Preiss J, Prochazka B, Spacil J, Dubska Z, Okrouhlik B, Lukas E & Urban P (2002) Lipid metabolism and neuropsychological follow-up study of

workers exposed to 2,3,7,8- tetrachlordibenzo- p-dioxin. Int Arch Occup Env Hlth 75 Suppl: S60-S66.

Pesatori AC, Consonni D, Bachetti S, Zocchetti C, Bonzini M, Baccarelli A & Bertazzi PA (2003) Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident". [Review] Indust Hlth 41(3): 127-138.

Pesatori AC, Zocchetti C, Guercilena S, Consonni D, Turrini D & Bertazzi PA (1998) Dioxin exposure and non-malignant health effects: A mortality study. Occup Env Med 55: 126–131.

Poiger H & Schlatter C (1986) Pharmacokinetics of 2,3,7,8-TCDD in man. Chemosphere 15:1489-1494.

Pronczuk J, Akre J, Moy G & Vallenas C (2002) Global perspective in breast milk contamination: Infectious and toxic hazards. Env Hlth Persp 110: A349-A351.

Remillard RB & Bunce NJ (2002) Use of Haber's Rule to estimate the risk of diabetes from background exposures to dioxin-like compounds. Toxicol Lett 131: 161-166.

Revich B, Aksel E, Ushakova T, Ivanova I, Zhuchenko N, Klyuev N, Brodsky B & Sotskov Y (2001) Dioxin exposure and public health in Chapaevsk, Russia. Chemosphere 43(4-7): 951-966.

Rier S & Foster WG (2002) Environmental dioxins and endometriosis.[Review]. Toxicol Sci 70: 161-170.

Rier S & Foster WG (2003) Environmental dioxins and endometriosis. Seminars Reprod Med 21: 145-154.

Rier SE, Martin DC, Bowman RE, Dmowski WP & Becker JL (1993) Endometriosis in Rhesus monkeys (Macaca mulatta) following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Fund Appl Toxicol 21(4): 433-441.

Rogan WJ, Blanton PJ, Portier CJ & Stallard E (1991) Should the presence of carcinogens in breast milk discourage breast feeding? Reg Tox Pharmacol 13: 228-240.

Rogan WJ, Gladen KL, Hung SL, Koong SL, Shih LY, Taylor JS et al (1988) Congenital poisoning by polychlorinated biphenyls and their contaminants in Taiwan. Science 241: 334-336.

Ruby MV, Fehling KA, Paustenbach DJ, Landenberger B & Holsapple M (2002) Oral bioaccessibility of dioxins/furans at low concentrations (50–350 ppt TEQ) in soil. Environ Sci Technol. 36(22): 4905–4911.

Ryan JJ, Amirova Z & Carrier G (2002) Sex ratios of children of Russian pesticide producers exposed to dioxin. Env Hlth Perspect 110: A699-A701.

Safe S (1998) Limitations of the toxic equivalency factor approach for risk assessment of TCDD and related compounds. Teratogen, Carcinogen Mutagen 17 (4-5): 285-304.

Safe S & McDougal A (2002) Mechanism of action and development of selective aryl hydrocarbon receptor modulators for treatment of hormone-dependent cancers (Review). Int J Oncol 20: 1123-1128.

Salvan A, Thomaseth K, Bortot P & Sartori N (2001) Use of a toxicokinetic model in the analysis of cancer mortality in relation to the estimated absorbed dose of dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin, TCDD). Sci Total Environ 274: 21-35.

Schantz S & Bowman RE (1989) Learning in monkeys exposed perinatally to 2,3,7,8-tetrachlorodibenzop-dioxin (TCDD). Neurotoxicol Teratol 11: 13-19.

Schantz SL (2001) Developmental neurotoxicity of PCBs: overview and update. Neurotoxicol 22:40.

Schantz SL, Ferguson SA & Bowman RE (1992) Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on behaviour of monkey in peer groups. Neurotoxicol Teratol 14: 433-446.

Schaum J, Cleverly D, Lorber M, Philips L & Schweer G (1994) Updated analysis of U.S. sources of dioxin-like compounds and background exposure levels. Organohalogen Compounds 20: 237-243.

Schecter AJ, Li Lingjun BS, Ke Jiang BS, Fürst P, Fürst C & Päpke O (1996a) Pesticide application and increased dioxin body burden in male and female agricultural workers in China. J Occup Env Med 38(9): 906-911.

Schechter A, Cramer P, Bogess K, Stanely J, Olsen JR & Kessler H (1996b) Dioxin intake from US food: Results from a new nationwide survey. Organohalogen Compounds 28: 320-324.

Schechter A, Cramer P, Bogess K, Stanely J & Olsen JR (1997) Levels of dioxins, dibenzofurans, PCB and DDE congeners in pooled food samples collected in 1995 at supermarkets across the United States. Chemosphere 34(5): 1437-1447.

Schecter A & Gasiewicz TA, Eds (2003) Dioxins and Health, 2nd Ed. John Wiley & Sons Inc, New Jersey. ISBN 0-471-43355-1

Schecter A, Startin J, Wright C, Kelly M, Päpke O, Lis A, Ball M & Olson JR (1994a) Congener-specific Levels of Dioxins and Dibenzofurans in U.S. Food and Estimated Daily Toxic Equivalent Intake, Env Hlth Perspect 102: 962-966.

Schecter A, Fürst P, Fürst C. Päpke O, Ball M, Ryan JJ, Hoang DC, Le CD, Hoang TQ, Cuong HQ, Nguyen TNP, Pham HP, Beim A, Constable J, Startin J, Samedy M & Seng YK (1994b) Chlorinated Dioxins and Dibenzofurans in Human Tissue from General Populations: A Selective Review. Env Hlth Perspect 102 (Suppl 1): 159-171.

Schecter AJ, Michalek JE, May J & Päpke O (1998) Dioxin and dibenzofuran congeners in 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid, and Agent Orange. Organohalogen Compounds 36: 285-288.

Schmidt CW (2004) Diet and dioxins: The need to cut back. Env Hlth Persp 112(1): A40-A43.

Schnorr TM, Lawson CC, Whelan EA, Dankovic DA, Deddens JA, Piacitelli LA et al. (2001) Spontaneous abortion, sex ratio, and paternal occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Env Hlth Persp 109: 1127-1132.

Schuhmacher M, Domingo JL, Llobet JM, Lindström & Wingfors H (1999) Dioxins and dibenzofuran concentrations in blood of a general population from Tarragona, Spain. Chemosphere. 38:1123-1133.

Shadel BN, Evans RG, Roberts D, Clardy S, Jordon-Izaguirre D, Patterson Jr DG & Needham LL (2001) Background levels of non-ortho-substituted (coplanar) polychlorinated biphenyls in human serum of Missouri residents. Chemosphere. 43:967-976.

Shu H, Paustenbach D, Murray FJ, Marple L, Brunck B, Dei Rossi D & Teitelbaum P (1988) Bioavailability of soil bound TCDD: oral bioavailability in the rat. Fund Appl Toxicol 10: 648-654.

Silkworth JB, Bernier JE, Borak J & Palumbo D (2002) Causation analysis exposed critical weaknesses in purported link between PCBs and neurodevelopmental deficits. Toxicologist 66: 349.

Small BW & Murray JJ (1978) Enamel opacities: prevalence, classifications and aetiological considerations. J Dent 6: 33-42.

Smith AH & Lopipero P (2001) Evaluation of the toxicity of dioxins and dioxin like PCBs: A health risk appraisal for the New Zealand population. New Zealand Ministry for the Environment, Wellington, New Zealand, 20 February 2001

Smith AH, Patterson DG Jr, Warner ML, MacKenzie R & Needham LL (1992) Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin levels of New Zealand pesticide applicators and their implication for cancer hypotheses. J Natl Cancer Inst 84: 104-108.

Somogyi A (1993) Nuturing and Breast-feeding: Exposure to Chemicals in Breast Milk. Env Hlth Perspect 101 (Suppl 2): 45-52.

Starr TB (2001) Significant shortcomings of the U.S. Environmental Protection Agency's latest draft risk characterization for dioxin-like compounds. Toxicol Sci 64: 7-13.

Starr TB (2003) Significant issues raised by meta-analyses of cancer mortality and dioxin exposure. Env Hlth Persp 111: 1443-1447.

Startin JR & Rose MD (2003) Dioxins and dioxinlike PCBs in food. In Dioxins and Health, 2nd Ed. Schecter A & Gasiewicz TA, eds. John Wiley & Sons, New Jersey.

Steenland K & Deddens J (2003) Dioxin: exposure-response analyses and risk assessment. Indust Hlth 41: 175-180.

Steenland K, Calvert G, Ketchum N & Michalek J (2001a) Dioxin and diabetes mellitus: an analysis of the combined NIOSH and Ranch Hand data. Occup Env Med 58: 641-648.

Steenland K, Deddens J & Piacitelli L (2001b) Risk assessment for 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) based on an epidemiologic study. Am J Epidemiol 154(5): 451-458.

Steenland K, Piacitelli L, Deddens J, Fingerhut M & Chang LI (1999) Cancer, heart disease, and diabetes in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. [Comment] J Natl Cancer Inst 91: 779-786.

Sund KG, Carlo GL, Crouch RL & Senefelder BC (1993) Background soil concentrations of phenolic compounds, chlorinated herbicides, PCDDs and PCDFs in the Melbourne metropolitan area. Aust J Public Hlth 17: 57-161.

Suskind RR & Hertzberg VS (1984) Human health effects of 2,4,5-T and its toxic contaminants. J Am Med Assoc 251: 2372–2380.

Suskind RR (1985) Chloracne "the hallmark of dioxin intoxication". Scand J Work, Env and Hlth 11: 165–171.

Sweeney A (1994) Chapter 17. Reproductive epidemiology of dioxins. In: A Schecter (ed). Dioxins and Health. Plenum Press, New York.

Teeguarden JG & Walker NJ (2003) Experimental toxicology: Carcinogenesis. In: Dioxins and Health, 2nd Ed. Schecter A & Gasiewicz TA, Eds. John Wiley & Sons Inc, New Jersey. Chapter 11, pages 457-490.

Tepper A, Burt S, Piacitelli L & Patterson Jr DG (1997) Serum levels of polychlorinated dibenzo-p-dioxins and dibenzofurans in pulp and paper mill workers Chemosphere. 34:1587-1603.

Theelen RMC (1991) Modeling of human exposure to TCDD and I-TEQ in the Netherlands: background and occupational. In: Banbury Report 35, Biological basis for risk assessment of dioxins and related compounds (Eds, Gallo MA, Scheuplein RJ & Van der Heijden KA), Cold Spring Harbor Laboratory Press, pp. 277-290.

Theobald HM, Kimmel GL & Peterson RE (2003) Developmental and reproductive toxicity of dioxins and related chemicals. In: Dioxins and Health, 2nd Ed. Schecter A & Gasiewicz TA, Eds. John Wiley & Sons Inc, New Jersey. Chapter 9: 329-431.

Thiess AM, Frentzel-Beyme R & Link R (1982) Mortality study of persons exposed to dioxin in a trichlorophenol-process accident that occurred in the BASF/AG on November 17, 1953. Am J Indust Med 3: 179–189.

Thomke F, Jung D, Besser R, Roder R, Konietzko J & Hopf HC (1999) Increased risk of sensory neuropathy in workers with chloracne after exposure to 2,3,7,8-polychlorinated dioxins and furans. Acta Neurol Scand 100: 1-5.

Todd JJ (2002) Technical Report No. 4: Review of literature on residential firewood use, wood-smoke and air toxics. Consultancy by CSIRO Atmospheric Research to the Department of Environment and Heritage

Tsutsumi O, Momoeda M, Takai Y, Ono M & Taketani Y (2000) Breast-fed infants, possibly exposed to dioxins in milk, have unexpectedly lower incidence of endometriosis in adult life. Int J Gynaecol Obstet 68(2): 151-3.

Ueda H, Nakayama T, Kanai M & Araki S (1999) The state of dioxin accumulation in the human body, blood, wildlife, and food: Findings of the fiscal 1998 survey" http://www.env.go.jp/en/topic/dioxin/accumulation.pdf

UNEP Chemicals (2003) Standardized toolkit for identification and quantification of dioxin and furan releases, 1st edition. Geneva, Switzerland.

US EPA (1984a) Health assessment document for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds. NCEA Office of Research and Development. Review draft. United States Environmental Protection Agency, Washington DC, USA.

US EPA (1984b) Risk analysis of TCDD contaminated soil. EPA 600/8-84-031 as cited in US EPA Exposure and Human Health Reassessment of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds. Draft. Part 1: Estimating Exposure to Dioxin-Like Compounds. Volume 4: Site-Specific Assessment Procedures. EPA/600/P-00/001Ad

US EPA (1987) Interim procedures for estimating risks associated with exposures to mixtures of chlorinated dibenzo-p-dioxins and -dibenzofurans (CDDs and CDFs). . US Environmental Protection Agency, EPA/625/3-87/012. Washington, DC, USA.

US EPA (1989) Interim procedures for estimating risks associated with exposures to mixtures of chlorinated dibenzo-p-dioxins and -dibenzofurans (CDDs and CDFs) and 1989 update. US Environmental Protection Agency, Risk Assessment Forum, EPA/625/3-89/016. Washington, DC, USA.

US EPA (1994) Estimating Exposure to Dioxin-like Compounds. External review draft. EPA report no. 600/6-88/005Ca, Cb, Cc. United States Environmental Protection Agency, Office of Health and Environmental Assessment, Office of Research and Development, Washington, DC., USA.

US EPA (2000) Exposure and human health reassessment of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and related compounds. (Draft Final Report) Exposure Assessment and Risk Characterisation Group, National Center for Environmental Assessment, Office of Research and Development Washington D.C. September 2001 EPA/600/P-00/001Bc.

US EPA (2001a) Dioxin reassessment – An SAB review of the Office of Research and Development's reassessment of dioxin. EPA-SAB-EC-01-006. Washington, DC. US Environmental Protection Agency

US EPA (2001b) Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Interim. Office of Emergency and Remedial Response, U.S. Environmental Protection Agency Washington, D.C.
Http://www.epa.goc/superfund/programs/risk/ragse/chapter3.pdf

US EPA (2002) Child-specific exposure factors handbook. National Center for Environmental Assessment, Washington, DC; EPA/600/P-00/002B.

Van den Berg M, Birnbaum L, Bosveld BTC, Brunstrőm B, Cook P, Feeley M, Giesy JP, Hanberg A, Hasegawa R, Kennedy SW, Kubiak T, Larsen JC, Van Leeuwen FXR, Liem AKD, Nolt C, Peterson RE, Poellinger L, Safe S, Schrenk D, Tillitt D, Tysklind M, Younes M, Waern F & Zacharewski T (1998) Toxic equivalency factors (TEFs) for PCBs, PCDDs, PCDFs for humans and wildlife. Environ Hlth Persp 106: 775-792.

Van Leeuwen FXR, Feeley M, Schrenk D, Larsen JC, Farland W & Younes M (2000) Dioxins: WHO's tolerable daily intake (TDI) revisited. Chemosphere 40: 1095-1101.

Van Leeuwen FXR & Younes MM (eds) (2000) Proceedings of the World Health Organization and International Programme on Chemical Safety consultation, 25-29 May 1998, Geneva, Switzerland: Assessment of the health Risk of Dioxins: Reevaluation of the Tolerable Daily Intake (TDI). In: Food additives and contaminants, 17:223-369.

Van Leeuwen FXR & Malisch R (2002) Results of the third round of the WHO-coordinated exposure study on the levels of PCBs, PCDDs and PCDFs in human milk. Organohalogen Compounds 56: 311-316.

Vreugdenhil H & Weisglas-Kuperus N (2000) Effects of environmental exposure to polychlorinated biphenyls and dioxins on cognitive development in young children. Neurotoxicol 21: 620.

Vreugdenhil HJ, Lanting CI, Mulder PG, Boersma ER & Weisglas-Kuperus N (2002a) Effects of prenatal PCB and dioxin background exposure on cognitive and motor abilities in Dutch children at school age. J Pediat 140: 48-56.

Vreugdenhil HJ, Slijper FM, Mulder PG & Weisglas-Kuperus N (2002b) Effects of perinatal exposure to PCBs and dioxins on play behavior in Dutch children at school age. [Comment] Env Hlth Persp 110: A593-A598.

Wakefield M & Bobevski I (2003) Changes associated with the National Tobacco Campaign: Preliminary report on smoking prevalence and consumption, 1997-2002. Centre for Behavioural Research in Cancer, Cancer Control Research Institute, The Cancer Council Victoria. 30 June, 2003.

Warner M, Eskenazi B, Mocarelli P, Gerthoux PM, Samuels S, Needham L et al (2002) Serum dioxin concentrations and breast cancer risk in the Seveso Women's Health Study. Env Hlth Persp 110: 625-628.

Weisglas-Kuperus N, Patandin S, Berbers GA, Sas TC, Mulder PG, Sauer PJ & Hooijkaas H (2000) Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children. Env Hlth Persp 108(12): 1203-1207.

WHO (1983) Measuring Change in Nutritional Status: Guidelines for Assessing the Nutritional Impact of Supplementary Feeding Programs for Vulnerable Groups. World Health Organization, Geneva.

WHO (1988) PCBs, PCDDs and PCDFs in breast milk: Assessment of health risks. Environmental Health Series No. 29. World Health Organization, Regional Office for Europe, Copenhagen, Denmark.

WHO (1991) Consultation on Tolerable Daily Intake from Food of PCDDs and PCDFs. WHO Regional Office for Europe, EUR/ICP/PCS 030 (S).

WHO (1996) WHO coordinated exposure study: Levels of PCBs, PCDDs and PCDFs in human milk. Environmental Health in Europe, No. 3.

WHO (1998) Assessment of the health risks of dioxins: re-evaluation of the tolerable daily intake (TDI). Executive Summary of the WHO Consultation, May 25–29 1998, Geneva, Switzerland.

Wittsiepe J, Schrey P, Ewers U, Selenka F & Wilhelm M (2000) Decrease of PCDD/F levels in human blood from Germany over the past ten years (1989-1998), Chemosphere. 40:1103-1109.

Wolfe WH, Michalek JE, Miner JC, Rahe AJ, Moore CA, Needham LL & Patterson DG (1995) Paternal serum dioxin and reproductive outcomes among veterans of Operation Ranch Hand. Epidemiol 6: 17–22.

Wolff MS (1985) Occupational exposure to polychlorinated biphenyls (PCBs). Environ. Health Persp 60: 133-138.

Wuthe J, Piechotowski I, Päpke O, Zier B, Gabrio T, Krämer D, Kouros B, Schwenk M & Pfaff G (1996) First data on background levels of non-ortho and mono-ortho PCBs in blood of residents from Southern Germany. Chemosphere. 32:567-574.

Wyde ME, Cambre T, Lebetkin M, Eldridge SR & Walker NJ (2002) Promotion of altered hepatic foci by 2,3,7,8-tetrachloro-*p*-dibenzodioxin and 17β-estradiol in male Sprague-Dawley rats. Toxicol Sci 68: 295-303.

Yamaguchi N (1999) Uncertainty in risk characterization of weak carcinogens. Annals NY Acad Sci 1 895: 338-347.

Yang J, Shin D, Chang Y, Kim D & Iknonmou MG (2002) PCCDs, PCDFs and PCB concentrations in breast milk from two areas in Korea; Body burden of mothers and implications for feeding infants. Chemosphere 46(3): 419-428.

Yang YH, Chang YS, Kim BH, Shin DC & Ikonomou MG (2002) Congener distribution patterns and risk assessment of polychlorinated biphenyls, dibenzo-p-dioxins and dibenzofurans in Korean milk. Chemosphere 47(10): 1087-1095.

Yasuda I, Mineo Y, Hiroshi S, Akihiro A, Toshio I, Shunichiro K, Kazuo A, Takumi T, Kazuhiro T & Yasumasa A (2004) In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects tooth development in rhesus monkeys. Organohalogen Compounds 66: 3321-3325.

Yoshimura T (2003) Yusho in Japan. [Review] Ind Hlth 41: 139-148.

Yoshimura T, Kaneko S & Hayabuchi H (2001) Sex ratio in offspring of those affected by dioxin and dioxin-like compounds: the Yusho, Seveso, and Yucheng incidents. [comment] Occup Env Med 58: 540-541.

Zack JA & Suskind RR (1980) The mortality experience of workers exposed totetrachlorodibenzodioxin in a trichlorophenol process accident. J Occup Med 22: 11–14.

Zafar MB & Terris MK (2001) Prostate cancer detection in veterans with a history of Agent Orange exposure. J Urol 166: 100-103.

Zober A, Messerer P & Huber P (1990) Thirty-four year mortality follow-up of BASF employees exposed to 2,3,7,8-TCDD after the 1953 accident. Int Arch Occup Env Hlth 62: 139–157.

Zober A, Ott MG & Messerer P (1994) Morbidity follow up study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor accident. Occup Env Med 51: 479–486.

Appendices

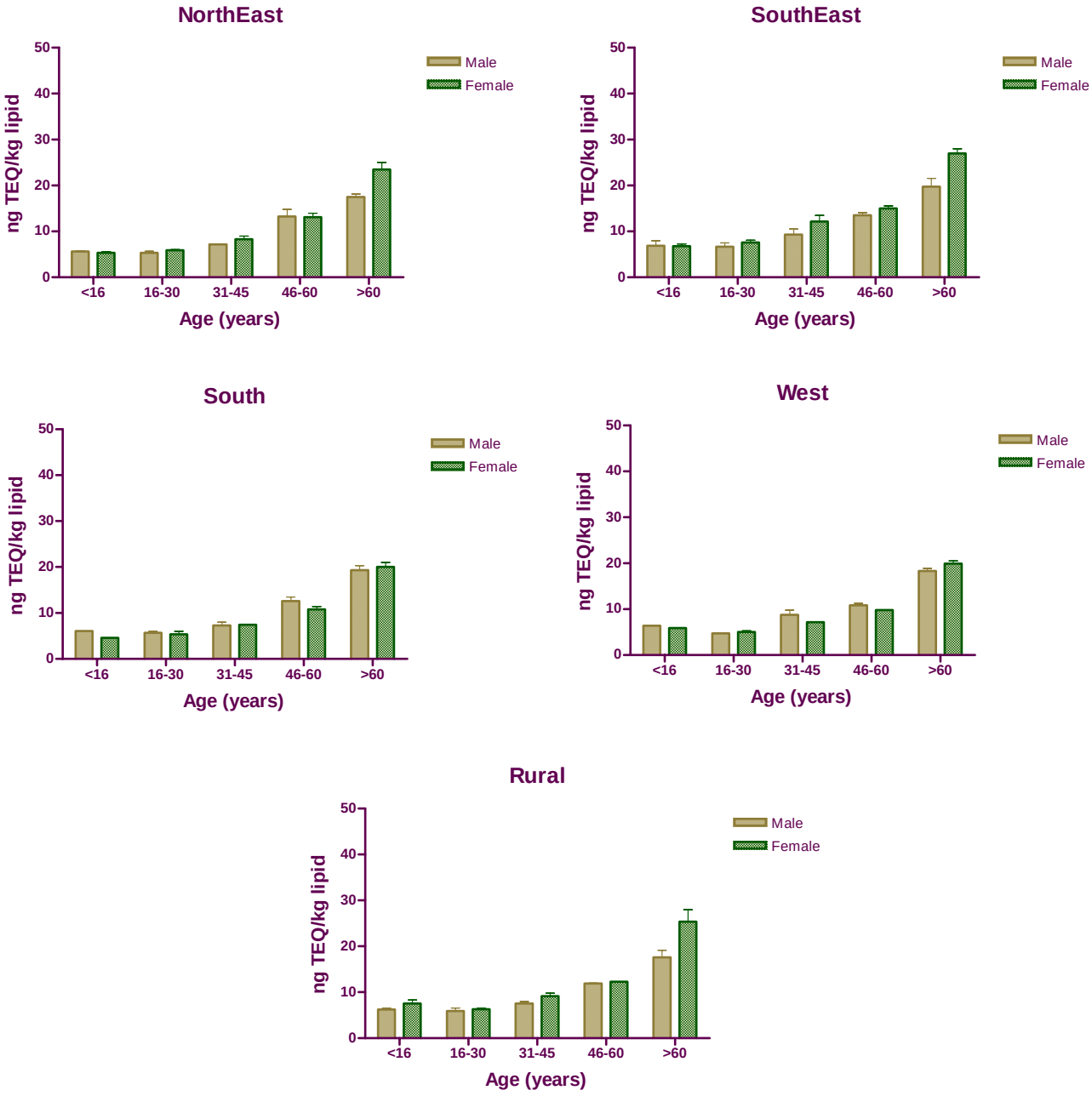
Appendix 1 Acronyms and Abbreviations

ALDE	Average Lifetime Daily Exposure
ATSDR	Agency for Toxic Substances and Disease Registry
BMI	Body Mass Index
DAFF	Australian Department of Agriculture, Fisheries & Forestry (formerly Agriculture, Fisheries & Forestry Australia, or AFFA)
bw	bodyweight
CAC	Codex Alimentarius Commission
CI	Confidence Interval
COT	UK Department of Health's Committee on the Toxicity of Chemicals in Food, Consumer Products, and the Environment
DEH	Australian Government Department of the Environment and Heritage (formerly 'Environment Australia', or EA)
DoHA	Australian Government Department of Health and Ageing
DRRS	The Dioxin Reassessment Review Subcommittee of the Executive Committee of US EPA's Science Advisory Board
EC	European Commission
EC-SCF	EC-Scientific Committee on Food
EHDI	estimated human daily intake
EHMI	estimated human monthly intake
FAO	Food and Agriculture Organization of the United Nations
FSANZ	Food Standards Australia New Zealand
GD	gestational day
IARC	International Agency for Research on Cancer
IC3	indole-3-carbinol
IgG	immunoglobulin G
ILO	International Labour Organization
IPCS	International Programme on Chemical Safety
I-TEQ	international toxic equivalence
JECFA	Joint Expert Committee on Food Additives
LO(A)EL	lowest observable (adverse) effect level
LOD	Limit of Detection
LOQ	Limit of Quantification (or Quantitation)
μg	microgram; 10^{-6} grams
MRL	minimal risk levels; also maximum residue limit
mRNA	messenger ribonucleic acid
ng	nanogram; 10^{-9} grams
NHMRC	National Health & Medical Research Council

NICNAS	National Industrial Chemicals Notification and Assessment Scheme
NIOSH	US National Institute for Occupational Safety and Health
NO(A)EL	no observable (adverse) effect level
OCS	Office of Chemical Safety, DoHA
OR	odds ratio
PAHs	polyaromatic hydrocarbons
PBDDs	polybrominated dibenzo-*p*-dioxins
PBDFs	polybrominated dibenzofurans
PCBs	polychlorinated biphenyls
PCDDs	polychlorinated dibenzo-*p*-dioxins
PCDFs	polychlorinated dibenzofurans
pg	picogram; 10^{-12} grams
ppt	parts per trillion (one in a million million, or 10^{-12})
PTMI	provisional tolerable monthly intake
RfD	reference dose
SAB	US EPA's Science Advisory Board
RR	relative risk
SMR	standardised mortality ratio
TCDD	2,3,7,8-tetrachloro-dibenzo-p-dioxin
TDI	tolerable daily intake
TEF	toxic equivalency factors
TEQ	toxic equivalence
TGA	Therapeutic Goods Administration
TMI	tolerable monthly intake
TWI	tolerable weekly intake
UNEP	United Nations Environment Programme
US EPA	United States Environmental Protection Agency
WHO	World Health Organization
WHO-ECEH	European Centre for Environmental Health

Appendix 2 Mean total WHO-TEQ (PCDD/Fs plus PCBs) in the serum of a representative group of the Australian population by age group, sex and region.

Data shown represent average upper bound WHO-TEQ values for pooled samples across 5 regions obtained for males and females from the 5 age groups.



Appendix 3 PCB loadings[30] for PCB #126 and PCB #169 for a representative sample of the Australian population.

		PCB Loading				
		<16 years	16-30 years	31-45 years	46-60 years	>60 years
South, Females	3,3',4,4',5-PeCB (126)	64.29%	56.25%	42.97%	42.19%	40.16%
	3,3',4,4',5,5'-HxCB (169)	2.57%	2.66%	3.78%	4.06%	3.77%
South, Males	3,3',4,4',5-PeCB (126)	73.33%	57.89%	41.46%	30.77%	34.92%
	3,3',4,4',5,5'-HxCB (169)	3.33%	3.79%	4.93%	4.74%	4.60%
RURAL, Females	3,3',4,4',5-PeCB (126)	64.86%	75.00%	50.00%	39.08%	41.62%
	3,3',4,4',5,5'-HxCB (169)	1.43%	1.54%	2.84%	3.45%	2.79%
RURAL, Males	3,3',4,4',5-PeCB (126)	56.10%	56.10%	44.68%	37.08%	39.04%
	3,3',4,4',5,5'-HxCB (169)	2.32%	2.88%	4.00%	3.71%	3.22%
North East, Females	3,3',4,4',5-PeCB (126)	67.50%	61.54%	44.00%	26.41%	36.65%
	3,3',4,4',5,5'-HxCB (169)	2.10%	2.33%	3.14%	3.72%	2.46%
North East, Males	3,3',4,4',5-PeCB (126)	64.71%	55.56%	38.60%	28.71%	36.36%
	3,3',4,4',5,5'-HxCB (169)	2.88%	3.42%	4.40%	3.66%	3.36%
West, female	3,3',4,4',5-PeCB (126)	75.00%	52.86%	44.55%	35.48%	45.74%
	3,3',4,4',5,5'-HxCB (169)	2.56%	3.50%	4.32%	5.00%	3.80%
West, male	3,3',4,4',5-PeCB (126)	52.63%	57.58%	39.80%	35.80%	42.34%
	3,3',4,4',5,5'-HxCB (169)	3.84%	4.30%	5.69%	5.31%	4.53%
South East, females	3,3',4,4',5-PeCB (126)	77.33%	74.70%	57.03%	55.63%	50.91%
	3,3',4,4',5,5'-HxCB (169)	1.35%	1.69%	1.80%	2.25%	1.95%
South East, males	3,3',4,4',5-PeCB (126)	60.00%	55.77%	51.90%	42.02%	40.91%
	3,3',4,4',5,5'-HxCB (169)	2.44%	3.54%	3.67%	3.70%	3.18%

[30] PCB loadings is defined as the serum concentration (WHO-TEQ pg/g lipid) divided by the total PCB WHO-TEQ.

Appendix 4 Comparisons of serum levels with international data

A comparison of Australian levels of PCDD/Fs (ng/kg lipid) with other countries

Country	Sampling year	No. of samples	Total PCDD/F	Total TEQ PCDD/F	Reference
Australia	2002/3	9090	291.1	6.68	Current study
U.S.	unknown	16	778.8^	19.1	Tepper (1997)
U.S.	1995/1996	5	491.0	12.1**	Schecter et al (1998)
	1995/1996	5	324.5	10**	Schecter et al (1998)
Finland	1993	18	893.7	50.4	Kontsas et al (1998)
Spain	1995	97	640.3	13.4	Gonzalez et al (2000)
	1997	91	na	16.7	Gonzalez et al (2000)
Spain	1993	11	582.0	15.7	Jimenez et al (1996)
Spain	unknown	20	na	27.0	Schuhmacher et al (1999)
Belgium	1999	47	na	48.6 *	Covaci et al (2001)
Norway	1992	10	631.1	21.4 #	Johansen et al (1996)
Germany	1989	228	942.2	43.7	Wittsiepe et al (2000)
	1992	157	703.2	38.1	Wittsiepe et al (2000)
	1993	17	534.5	29.1	Wittsiepe et al (2000)
	1994	74	376.7	29.1	Wittsiepe et al (2000)
	1995	69	431.6	24.1	Wittsiepe et al (2000)
	1997/1998	9	452.0	20.7	Wittsiepe et al (2000)
	1989-1998	744	671.7	35.6	Wittsiepe et al (2000)
Germany	unknown	16	na	18.5	Menzel et al (1998)
Germany	1994	134	508.8	19.1	Paepke et al (1996)
Germany	unknown	15	573.1	18.4	Wuthe et al (1996)
	unknown	45	326.7	7.3	Wuthe et al (1996)
	unknown	79	318.1	8.2	Wuthe et al (1996)
	unknown	39	303.4	10.0	Wuthe et al (1996)
	unknown	44	260.6	9.0	Wuthe et al (1996)
	unknown	46	289.0	9.3	Wuthe et al (1996)
	unknown	33	333.8	10.1	Wuthe et al (1996)
Japan	unknown	20	400.6	20.3**	Kumagai et al (2002)
Japan	1998	na	na	11*	Ueda et al (1999)
China	unknown	50	148.0	4.8	Schechter et al (1996)
	unknown	51	178.0	6.4	Schechter et al (1996)
New Zealand	1996/1997	1834	459.0	12.7*	Buckland et al (2001)
New Zealand	1992/1993	28	866.6	11.6 **	Hannah et al (1994)

Concentrations expressed in pg/g lipid and TEQ expressed using I-TEF unless otherwise specified
na = Not assessed
# = µg/L
* = ng/g lipid
*WHO-TEF
** TEF unknown
^ pg/g median

APPENDIX IV Continued

A comparison of Australian levels of PCBs (ng/kg lipid) with other countries

Country	Sampling year	No. of samples	PCB #126	PCB #169	TEQ non-ortho PCBs	TEQ total PCBs	Reference
Australia	2002/3	9090	14.3	13.1	1.6	4.0	Current study
U.S.	unknown	16	18	27	na	na	Kang et al (1997)
U.S.	1991/1993	7	na	na	na	na	Greizerstein et al (1999)
U.S.	1995/1996	5	21.7	9	2.26	na	Schecter et al (1998)
		5	16.3	6.7	1.7	na	Schecter et al (1998)
U.S.	1995	150	10.8	15.7	na	na	Shadel et al (2001)
Finland	1993	18	69.4	82.8	na	11.1*	Kontsas et al (1998)
Spain	1993	11	55.21	30.26	7.03*	na	Jimenez et al (1996)
Spain	1995	97	na	na	na	na	Gonzalez et al (2000)
	1997	91	na	na	na	na	Gonzalez et al (2000)
Belgium	1996/1998	96	na	na	na	na	Pauwels et al (2000)
Belgium	1999	47	na	na	na	25.8	Covaci et al (2001)
Norway	1992	10	93.4	70.1	na	45	Johansen et al (1996)
Germany	1994	104	80.3	101.8	na	na	Paepke et al (1996)
Germany	unknown	15	67.3*	116.2*	na	na	Wuthe et al (1996)
	unknown	45	37.6	24.6	na	na	Wuthe et al (1996)
	unknown	79	41.9	29.4	na	na	Wuthe et al (1996)
	unknown	39	52.6	37.4	na	na	Wuthe et al (1996)
	unknown	44	44.8	30.3	na	na	Wuthe et al (1996)
	unknown	46	49.4	36.7	na	na	Wuthe et al (1996)
	unknown	33	45.2	34	na	na	Wuthe et al (1996)
Japan	1993/1994	50	46	23	na	21	Iida et al (1999)
Japan	1998	253	na	na	7.3	na	Ueda et al (1999)
New Zealand	1996/1997	1834	30	20	na	6.86	Buckland et al (2001)

Concentrations expressed in ng/kg lipid unless otherwise specified (Note: ng/kg lipid is equivalent to pg/g lipid.)

TEQ expressed using WHO-TEF unless otherwise specified
na = Not assessed
# = µg/L
* = ng/g lipid
*I-TEQ

Appendix 5 The differences in geographical stratification and population (000s) between the two different dietary surveys NNS (1995) and NHS (2001).

National Health Survey (NHS, 2001)

Geographical stratification		Age (years) & population (000s)			
STUDY	SURVEY	16-30	31-45	45-60	>60
NORTHEAST URBAN	MAJOR URBAN QLD	198-201	198-201	147-157	119-132
Southeast Urban	Major urban NSW/ACT	503-507	500-501	395-419	282-338
South Urban	Major urban VIC/TAS/SA	440-444	467-479	370-371	305-370
West Urban	Major Urban WA	119-121	125-129	109-129	109-119
Rural	Rural balance all states and territories	508-565	621-692	476-580	491-508

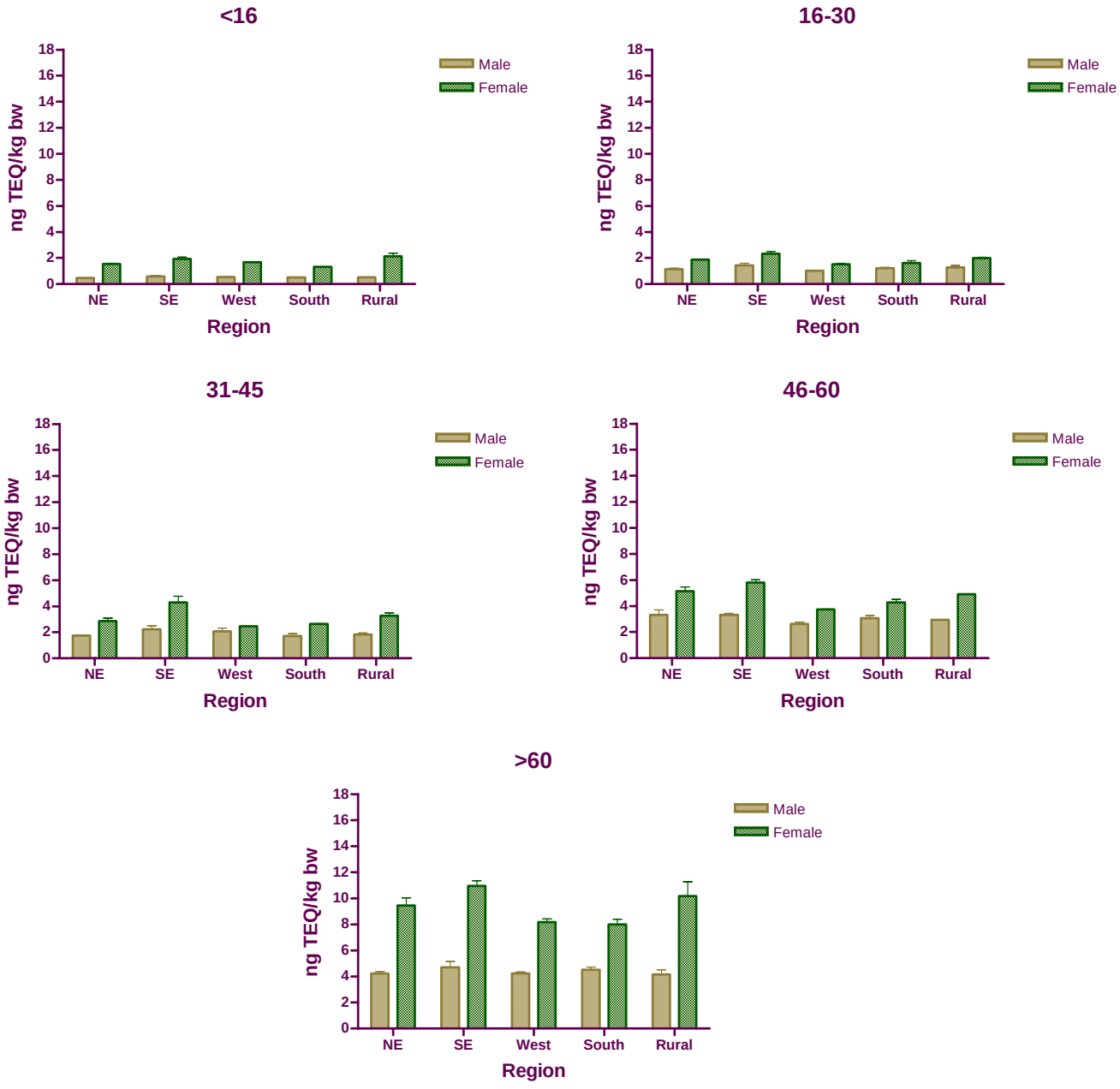
Major urban is classified as urban areas with a population > 100000

National Nutrition Survey (NNS, 1995)

Geographical stratification		Age (years) & population (000s)
STUDY	SURVEY	<16
NORTHEAST URBAN	METRO QLD	47-51
Southeast Urban	Metro NSW/ACT	110-117
South Urban	Metro VIC/TAS/SA	114-140
West Urban	Metro WA	39-47
Rural	Rural and NT	172-177

Appendix 6 Mean total PCDD/Fs and PCBs body burden of a representative group of the Australian population by age, sex and region.

Data shown represent average body burden values for pooled samples across 5 regions obtained for males and females from the 5 age groups.



Appendix 7 Upper bound blood serum concentrations, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCCDD/Fs plus PCBs) for a representative sample of the Australian population by age group, sex and region.

Location / Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
NE Urban Male	PCDD/F	<16	4.00	3.90	3.95	0.07	8.24	0.33	0.32	0.33	0.01	0.09
	PCB		1.80	1.60	1.70	0.14		0.15	0.13	0.14	0.01	0.04
	Total		5.80	5.50	5.65	0.21		0.48	0.45	0.47	0.02	0.13
	PCDD/F	16-30	3.60	3.50	3.55	0.07	21.1	0.76	0.74	0.75	0.01	0.21
	PCB		2.10	1.50	1.80	0.42		0.44	0.32	0.38	0.09	0.11
	Total		5.70	5.00	5.35	0.49		1.20	1.06	1.13	0.10	0.32
	PCDD/F	31-45	4.50	4.90	4.70	0.28	24.37	1.10	1.19	1.15	0.07	0.32
	PCB		2.60	2.40	2.50	0.14		0.63	0.58	0.61	0.03	0.17
	Total		7.10	7.30	7.20	0.14		1.73	1.78	1.75	0.03	0.49
	PCDD/F	46-60	7.70	8.70	8.20	0.71	24.91	1.92	2.17	2.04	0.18	0.57
	PCB		4.00	6.10	5.05	1.48		1.00	1.52	1.26	0.37	0.35
	Total		11.70	14.80	13.25	2.19		2.91	3.69	3.30	0.55	0.93
	PCDD/F	>60	9.50	11.00	10.25	1.06	24.09	2.29	2.65	2.47	0.26	0.69
	PCB		7.10	7.20	7.15	0.07		1.71	1.73	1.72	0.02	0.48
	Total		16.80	18.20	17.50	0.99		4.05	4.38	4.22	0.24	1.19
NE Urban Female	PCDD/F	<16	3.60	3.20	3.40	0.28	28.44	1.02	0.91	0.97	0.08	0.27
	PCB		2.00	2.00	2.00	0.00		0.57	0.57	0.57	0.00	0.16
	Total		5.60	5.20	5.40	0.28		1.59	1.48	1.54	0.08	0.43
	PCDD/F	16-30	4.10	3.90	4.00	0.14	31.31	1.28	1.22	1.25	0.04	0.35
	PCB		1.70	2.20	1.95	0.35		0.53	0.69	0.61	0.11	0.17
	Total		5.80	6.10	5.95	0.21		1.82	1.91	1.86	0.07	0.52
	PCDD/F	31-45	6.70	5.00	5.85	1.20	34.19	2.29	1.71	2.00	0.41	0.56
	PCB		2.30	2.70	2.50	0.28		0.79	0.92	0.85	0.10	0.24
	Total		9.00	7.70	8.35	0.92		3.08	2.63	2.85	0.31	0.80
	PCDD/F	46-60	8.80	8.40	8.60	0.28	39.01	3.43	3.28	3.35	0.11	0.94
	PCB		3.90	3.90	3.90	0.00		1.52	1.52	1.52	0.00	0.43
	Total		14.00	12.30	13.15	1.20		5.46	4.80	5.13	0.47	1.44

	PCDD/F		14.00	14.00	14.00	0.00		5.62	5.62	5.62	0.00	1.58
	PCB	>60	11.00	8.10	9.55	2.05	40.17	4.42	3.25	3.84	0.82	1.08
	Total		25.00	22.00	23.50	2.12		10.04	8.84	9.44	0.85	2.66

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB Body burden (ng TEQ/Kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
SE Urban	PCDD/F	<16	5.30	3.50	4.40	1.27	8.42	0.45	0.29	0.37	0.11	0.10
Male	PCB		2.70	2.30	2.50	0.28		0.23	0.19	0.21	0.02	0.06
	Total		8.00	5.80	6.90	1.56		0.67	0.49	0.58	0.13	0.16
	PCDD/F	16-30	3.60	4.60	4.10	0.71	21.36	0.77	0.98	0.88	0.15	0.25
	PCB		2.30	2.90	2.60	0.42		0.49	0.62	0.56	0.09	0.16
	Total		5.90	7.50	6.70	1.13		1.26	1.60	1.43	0.24	0.40
	PCDD/F	31-45	5.10	5.70	5.40	0.42	23.78	1.21	1.36	1.28	0.10	0.36
	PCB		3.10	4.80	3.95	1.20		0.74	1.14	0.94	0.29	0.26
	Total		8.20	10.50	9.35	1.63		1.95	2.50	2.22	0.39	0.63
	PCDD/F	46-60	7.30	7.90	7.60	0.42	24.39	1.78	1.93	1.85	0.10	0.52
	PCB		5.70	6.20	5.95	0.35		1.39	1.51	1.45	0.09	0.41
	Total		13.00	14.10	13.55	0.78		3.17	3.44	3.30	0.19	0.93
	PCDD/F	>60	12.00	9.90	10.95	1.48	23.81	2.86	2.36	2.61	0.35	0.73
	PCB		9.60	8.00	8.80	1.13		2.29	1.90	2.10	0.27	0.59
	Total		21.60	17.90	19.75	2.62		5.14	4.26	4.70	0.62	1.32
SE Urban	PCDD/F	<16	3.20	2.90	3.05	0.21	28.44	0.91	0.82	0.87	0.06	0.24
Female	PCB		3.10	4.40	3.75	0.92		0.88	1.25	1.07	0.26	0.30
	Total		6.30	7.30	6.80	0.71		1.79	2.08	1.93	0.20	0.54
	PCDD/F	16-30	3.50	3.40	3.45	0.07	30.71	1.07	1.04	1.06	0.02	0.30
	PCB		3.60	4.70	4.15	0.78		1.11	1.44	1.27	0.24	0.36
	Total		7.10	8.10	7.60	0.71		2.18	2.49	2.33	0.22	0.66
	PCDD/F	31-45	5.70	5.90	5.80	0.14	35.26	2.01	2.08	2.05	0.05	0.58
	PCB		7.80	5.00	6.40	1.98		2.75	1.76	2.26	0.70	0.63
	Total		13.50	10.90	12.20	1.84		4.76	3.84	4.30	0.65	1.21
	PCDD/F	46-60	8.40	7.50	7.95	0.64	38.55	3.24	2.89	3.06	0.25	0.86
	PCB		6.10	8.10	7.10	1.41		2.35	3.12	2.74	0.55	0.77
	Total		14.50	15.60	15.05	0.78		5.59	6.01	5.80	0.30	1.63
	PCDD/F	>60	15.00	17.00	16.00	1.41	40.53	6.08	6.89	6.48	0.57	1.82
	PCB		11.00	11.00	11.00	0.00		4.46	4.46	4.46	0.00	1.25
	Total		26.00	28.00	27.00	1.41		10.54	11.35	10.94	0.57	3.08

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
S Urban	PCDD/F	<16	4.60		4.60	0.00	8.3	0.38	0.38	0.38	0.00	0.11
Male	PCB		1.50	N/A	1.50	0.00		0.12	0.12	0.12	0.00	0.04
	Total		6.10		6.10	0.00		0.51	0.51	0.51	0.00	0.14
	PCDD/F	16-30	3.90	3.70	3.80	0.14	21.27	0.83	0.79	0.81	0.03	0.23
	PCB		2.10	1.70	1.90	0.28		0.45	0.36	0.40	0.06	0.11
	Total		6.00	5.40	5.70	0.42		1.28	1.15	1.21	0.09	0.34
	PCDD/F	31-45	4.60	5.80	5.20	0.85	23.46	1.08	1.36	1.22	0.20	0.34
	PCB		1.90	2.20	2.05	0.21		0.45	0.52	0.48	0.05	0.14
	Total		6.50	8.00	7.25	1.06		1.52	1.88	1.70	0.25	0.48
	PCDD/F	46-60	9.30	8.20	8.75	0.78	24.31	2.26	1.99	2.13	0.19	0.60
	PCB		4.20	3.60	3.90	0.42		1.02	0.88	0.95	0.10	0.27
	Total		13.50	11.80	12.65	1.20		3.28	2.87	3.08	0.29	0.86
	PCDD/F	>60	12.00	14.00	13.00	1.41	23.32	2.80	3.26	3.03	0.33	0.85
	PCB		6.30	6.30	6.30	0.00		1.47	1.47	1.47	0.00	0.41
	Total		18.30	20.30	19.30	1.41		4.27	4.73	4.50	0.33	1.27
S Urban	PCDD/F	<16	3.10		3.10	0.00	28.37	0.88	0.88	0.88	0.00	0.25
Female	PCB		1.40	N/A	1.40	0.00		0.40	0.40	0.40	0.00	0.11
	Total		4.60		4.60	0.00		1.31	1.31	1.31	0.00	0.37
	PCDD/F	16-30	4.10	3.50	3.80	0.42	29.77	1.22	1.04	1.13	0.13	0.32
	PCB		1.90	1.30	1.60	0.42		0.57	0.39	0.48	0.13	0.13
	Total		6.00	4.80	5.40	0.85		1.79	1.43	1.61	0.25	0.45
	PCDD/F	31-45	5.60	5.60	5.60	0.00	35.51	1.99	1.99	1.99	0.00	0.56
	PCB		1.80	1.90	1.85	0.07		0.64	0.67	0.66	0.03	0.18
	Total		7.40	7.50	7.45	0.07		2.63	2.66	2.65	0.03	0.74
	PCDD/F	46-60	8.10	7.10	7.60	0.71	39.49	3.20	2.80	3.00	0.28	0.84
	PCB		3.30	3.10	3.20	0.14		1.30	1.22	1.26	0.06	0.36
	Total		11.40	10.20	10.80	0.85		4.50	4.03	4.26	0.34	1.20
	PCDD/F	>60	15.00	13.00	14.00	1.41	40.01	6.00	5.20	5.60	0.57	1.58
	PCB		5.90	6.30	6.10	0.28		2.36	2.52	2.44	0.11	0.69
	Total		21.00	19.00	20.00	1.41		8.40	7.60	8.00	0.57	2.25

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
West Urban	PCDD/F	<16	4.50		4.50	0.00	8.3	0.37	0.37	0.37	0.00	0.11
Male	PCB		1.90	N/A	1.90	0.00		0.16	0.16	0.16	0.00	0.04
	Total		6.40		6.40	0.00		0.53	0.53	0.53	0.00	0.15
	PCDD/F	16-30	3.00	3.20	3.10	0.14	21.2	0.64	0.68	0.66	0.03	0.18
	PCB		1.70	1.60	1.65	0.07		0.36	0.34	0.35	0.01	0.10
	Total		4.70	4.80	4.75	0.07		1.00	1.02	1.01	0.01	0.28
	PCDD/F	31-45	5.30	7.10	6.20	1.27	23.72	1.26	1.68	1.47	0.30	0.41
	PCB		2.40	2.70	2.55	0.21		0.57	0.64	0.60	0.05	0.17
	Total		7.70	9.80	8.75	1.48		1.83	2.32	2.08	0.35	0.58
	PCDD/F	46-60	7.20	6.40	6.80	0.57	24.36	1.75	1.56	1.66	0.14	0.47
	PCB		4.10	4.00	4.05	0.07		1.00	0.97	0.99	0.02	0.28
	Total		11.30	10.40	10.85	0.64		2.75	2.53	2.64	0.16	0.74
	PCDD/F	>60	11.00	12.00	11.50	0.71	23.06	2.54	2.77	2.65	0.16	0.75
	PCB		6.80	6.90	6.85	0.07		1.57	1.59	1.58	0.02	0.44
	Total		17.80	18.90	18.35	0.78		4.10	4.36	4.23	0.18	1.19
West Urban	PCDD/F	<16	4.30		4.30	0.00	28.41	1.22	1.22	1.22	0.00	0.34
Female	PCB		1.60	N/A	1.60	0.00		0.45	0.45	0.45	0.00	0.13
	Total		5.90		5.90	0.00		1.68	1.68	1.68	0.00	0.47
	PCDD/F	16-30	3.40	3.90	3.65	0.35	30.28	1.03	1.18	1.11	0.11	0.31
	PCB		1.40	1.40	1.40	0.00		0.42	0.42	0.42	0.00	0.12
	Total		4.80	5.30	5.05	0.35		1.45	1.60	1.53	0.11	0.43
	PCDD/F	31-45	4.90	5.10	5.00	0.14	34.15	1.67	1.74	1.71	0.05	0.48
	PCB		2.30	2.10	2.20	0.14		0.79	0.72	0.75	0.05	0.21
	Total		7.20	7.20	7.20	0.00		2.46	2.46	2.46	0.00	0.69
	PCDD/F	46-60	6.70	6.70	6.70	0.00	37.94	2.54	2.54	2.54	0.00	0.72
	PCB		3.00	3.20	3.10	0.14		1.14	1.21	1.18	0.05	0.33
	Total		9.70	9.90	9.80	0.14		3.68	3.76	3.72	0.05	1.05
	PCDD/F	>60	13.00	14.00	13.50	0.71	41.04	5.34	5.75	5.54	0.29	1.56
	PCB		6.40	6.50	6.45	0.07		2.63	2.67	2.65	0.03	0.74
	Total		19.40	20.50	19.95	0.78		7.96	8.41	8.19	0.32	2.30

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
Rural	PCDD/F	<16	4.30	4.10	4.20	0.14	8.34	0.36	0.34	0.35	0.01	0.10
Male	PCB		2.20	1.90	2.05	0.21		0.18	0.16	0.17	0.02	0.05
	Total		6.50	6.00	6.25	0.35		0.54	0.50	0.52	0.03	0.15
	PCDD/F	16-30	3.40	4.40	3.90	0.71	21.63	0.74	0.95	0.84	0.15	0.24
	PCB		1.90	2.20	2.05	0.21		0.41	0.48	0.44	0.05	0.12
	Total		5.30	6.60	5.95	0.92		1.15	1.43	1.29	0.20	0.36
	PCDD/F	31-45	4.80	5.60	5.20	0.57	24.38	1.17	1.37	1.27	0.14	0.36
	PCB		2.30	2.40	2.35	0.07		0.56	0.59	0.57	0.02	0.16
	Total		7.10	8.00	7.55	0.64		1.73	1.95	1.84	0.16	0.52
	PCDD/F	46-60	7.40	7.50	7.45	0.07	24.61	1.82	1.85	1.83	0.02	0.52
	PCB		4.40	4.50	4.45	0.07		1.08	1.11	1.10	0.02	0.31
	Total		11.80	12.00	11.90	0.14		2.90	2.95	2.93	0.03	0.82
	PCDD/F	>60	8.70	12.00	10.35	2.33	23.48	2.04	2.82	2.43	0.55	0.68
	PCB		7.40	7.20	7.30	0.14		1.74	1.69	1.71	0.03	0.48
	Total		16.10	19.20	17.65	2.19		3.78	4.51	4.14	0.51	1.17
Rural	PCDD/F	<16	3.60	4.10	3.85	0.35	28.41	1.02	1.16	1.09	0.10	0.31
Female	PCB		4.70	2.70	3.70	1.41		1.34	0.77	1.05	0.40	0.30
	Total		8.30	6.80	7.55	1.06		2.36	1.93	2.14	0.30	0.60
	PCDD/F	16-30	3.60	3.40	3.50	0.14	31.58	1.14	1.07	1.11	0.04	0.31
	PCB		2.50	3.10	2.80	0.42		0.79	0.98	0.88	0.13	0.25
	Total		6.10	6.50	6.30	0.28		1.93	2.05	1.99	0.09	0.56
	PCDD/F	31-45	5.60	6.60	6.10	0.71	35.73	2.00	2.36	2.18	0.25	0.61
	PCB		3.00	3.20	3.10	0.14		1.07	1.14	1.11	0.05	0.31
	Total		8.60	9.80	9.20	0.85		3.07	3.50	3.29	0.30	0.92
	PCDD/F	46-60	8.10	7.80	7.95	0.21	39.88	3.23	3.11	3.17	0.08	0.89
	PCB		4.20	4.50	4.35	0.21		1.67	1.79	1.73	0.08	0.49
	Total		12.30	12.30	12.30	0.00		4.91	4.91	4.91	0.00	1.38
	PCDD/F	>60	15.00	16.00	15.50	0.71	40.18	6.03	6.43	6.23	0.28	1.75
	PCB		7.70	12.00	9.85	3.04		3.09	4.82	3.96	1.22	1.11
	Total		22.70	28.00	25.35	3.75		9.12	11.25	10.19	1.51	2.86

Appendix 8 Lower bound blood serum concentrations, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCCDD/Fs plus PCBs) for the Australian population.

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
NE Urban Male	PCDD/F	<16	2.70	2.50	2.60	0.14	8.24	0.35	0.32	0.34	0.02	0.09
	PCB		0.65	0.65	0.65	0.00		0.08	0.08	0.08	0.00	0.02
	Total		3.45	3.15	3.30	0.21		0.45	0.41	0.43	0.03	0.12
	PCDD/F	16-30	1.30	2.30	1.80	0.71	21.1	0.27	0.49	0.38	0.15	0.11
	PCB		0.90	0.70	0.80	0.14		0.19	0.15	0.17	0.03	0.05
	Total		2.20	3.00	2.60	0.57		0.46	0.63	0.55	0.12	0.15
	PCDD/F	31-45	3.10	3.50	3.30	0.28	24.37	0.76	0.85	0.80	0.07	0.23
	PCB		1.50	2.40	1.95	0.64		0.37	0.58	0.48	0.16	0.13
	Total		4.60	5.90	5.25	0.92		1.12	1.44	1.28	0.22	0.36
	PCDD/F	46-60	6.70	7.60	7.15	0.64	24.91	1.67	1.89	1.78	0.16	0.50
	PCB		4.00	6.00	5.00	1.41		1.00	1.49	1.25	0.35	0.35
	Total		10.70	13.60	12.15	2.05		2.67	3.39	3.03	0.51	0.85
	PCDD/F	>60	8.70	9.30	9.00	0.42	24.09	2.10	2.24	2.17	0.10	0.61
	PCB		7.10	7.20	7.15	0.07		1.71	1.73	1.72	0.02	0.48
	Total		15.80	15.50	15.65	0.21		3.81	3.73	3.77	0.05	1.06
NE Urban Female	PCDD/F	<16	2.40	0.99	1.70	1.00	28.44	0.68	0.28	0.48	0.28	0.14
	PCB		0.74	0.57	0.66	0.12		0.21	0.16	0.19	0.03	0.05
	Total		3.24	1.60	2.42	1.16		0.92	0.46	0.69	0.33	0.19
	PCDD/F	16-30	3.10	2.90	3.00	0.14	31.31	0.97	0.91	0.94	0.04	0.26
	PCB		0.61	0.80	0.71	0.13		0.19	0.25	0.22	0.04	0.06
	Total		3.70	3.70	3.70	0.00		1.16	1.16	1.16	0.00	0.33
	PCDD/F	31-45	4.80	3.70	4.25	0.78	34.19	1.64	1.27	1.45	0.27	0.41
	PCB		1.40	1.40	1.40	0.00		0.48	0.48	0.48	0.00	0.13
	Total		6.20	5.10	5.65	0.78		2.12	1.74	1.93	0.27	0.54
	PCDD/F	46-60	8.20	7.70	7.95	0.35	39.01	3.20	3.00	3.10	0.14	0.87
	PCB		3.90	2.70	3.30	0.85		1.52	1.05	1.29	0.33	0.36
	Total		12.10	10.40	11.25	1.20		4.72	4.06	4.39	0.47	1.23
	PCDD/F	>60	13.00	13.00	13.00	0.00	40.17	5.22	5.22	5.22	0.00	1.47
	PCB		11.00	8.10	9.55	2.05		4.42	3.25	3.84	0.82	1.08
	Total		24.00	21.10	22.55	2.05		9.64	8.48	9.06	0.82	2.55

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
SE Urban	PCDD/F	<16	3.00	0.96	1.98	1.44	8.42	0.25	0.08	0.17	0.12	0.05
Male	PCB		1.30	0.79	1.05	0.36		0.11	0.07	0.09	0.03	0.02
	Total		4.30	1.80	3.05	1.77		0.36	0.15	0.26	0.15	0.07
	PCDD/F	16-30	2.80	3.60	3.20	0.57	21.36	0.60	0.77	0.68	0.12	0.19
	PCB		0.89	2.90	1.90	1.42		0.19	0.62	0.40	0.30	0.11
	Total		3.70	6.50	5.10	1.98		0.79	1.39	1.09	0.42	0.31
	PCDD/F	31-45	4.80	4.70	4.75	0.07	23.78	1.14	1.12	1.13	0.02	0.32
	PCB		3.10	4.80	3.95	1.20		0.74	1.14	0.94	0.29	0.26
	Total		7.90	9.50	8.70	1.13		1.88	2.26	2.07	0.27	0.58
	PCDD/F	46-60	7.10	7.50	7.30	0.28	24.39	1.73	1.83	1.78	0.07	0.50
	PCB		5.70	6.20	5.95	0.35		1.39	1.51	1.45	0.09	0.41
	Total		12.80	13.70	13.25	0.64		3.12	3.34	3.23	0.16	0.91
	PCDD/F	>60	11.00	9.40	10.20	1.13	23.81	2.62	2.24	2.43	0.27	0.68
	PCB		9.60	8.00	8.80	1.13		2.29	1.90	2.10	0.27	0.59
	Total		20.60	17.40	19.00	2.26		4.90	4.14	4.52	0.54	1.27
SE Urban	PCDD/F	<16	2.10	2.00	2.05	0.07	28.44	0.60	0.57	0.58	0.02	0.16
Female	PCB		3.10	4.40	3.75	0.92		0.88	1.25	1.07	0.26	0.30
	Total		5.20	6.40	5.80	0.85		1.48	1.82	1.65	0.24	0.46
	PCDD/F	16-30	3.00	3.30	3.15	0.21	30.71	0.92	1.01	0.97	0.07	0.27
	PCB		3.60	4.70	4.15	0.78		1.11	1.44	1.27	0.24	0.36
	Total		6.60	8.00	7.30	0.99		2.03	2.46	2.24	0.30	0.63
	PCDD/F	31-45	5.60	5.50	5.55	0.07	35.26	1.97	1.94	1.96	0.02	0.55
	PCB		7.80	5.00	6.40	1.98		2.75	1.76	2.26	0.70	0.63
	Total		12.40	10.50	11.45	1.34		4.37	3.70	4.04	0.47	1.14
	PCDD/F	46-60	8.10	6.90	7.50	0.85	38.55	3.12	2.66	2.89	0.33	0.81
	PCB		6.10	8.10	7.10	1.41		2.35	3.12	2.74	0.55	0.77
	Total		14.20	15.00	14.60	0.57		5.47	5.78	5.63	0.22	1.58
	PCDD/F	>60	13.00	14.00	13.50	0.71	40.53	5.27	5.67	5.47	0.29	1.54
	PCB		10.00	5.00	7.50	3.54		4.05	2.03	3.04	1.43	0.86
	Total		23.00	19.00	21.00	2.83		9.32	7.70	8.51	1.15	2.39

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
S Urban	PCDD/F	<16	2.50		2.50	0.00	8.3	0.21	0.21	0.21	0.00	0.06
Male	PCB		0.48	N/A	0.48	0.00		0.04	0.04	0.04	0.00	0.01
	Total		3.00		3.00	0.00		0.25	0.25	0.25	0.00	0.07
	PCDD/F	16-30	2.90	2.60	2.75	0.21	21.27	0.62	0.55	0.58	0.05	0.16
	PCB		2.00	0.63	1.32	0.97		0.43	0.13	0.28	0.21	0.08
	Total		4.90	3.23	4.07	1.18		1.04	0.69	0.86	0.25	0.24
	PCDD/F	31-45	3.60	4.90	4.25	0.92	23.46	0.84	1.15	1.00	0.22	0.28
	PCB		1.20	1.30	1.25	0.07		0.28	0.30	0.29	0.02	0.08
	Total		4.80	6.10	5.45	0.92		1.13	1.43	1.28	0.22	0.36
	PCDD/F	46-60	8.60	7.40	8.00	0.85	24.31	2.09	1.80	1.94	0.21	0.55
	PCB		4.20	3.60	3.90	0.42		1.02	0.88	0.95	0.10	0.27
	Total		13.00	11.00	12.00	1.41		3.16	2.67	2.92	0.34	0.82
	PCDD/F	>60	11.00	11.00	11.00	0.00	23.32	2.57	2.57	2.57	0.00	0.72
	PCB		6.30	6.30	6.30	0.00		1.47	1.47	1.47	0.00	0.41
	Total		17.30	17.30	17.30	0.00		4.03	4.03	4.03	0.00	1.13
S Urban	PCDD/F	<16	2.30		2.30	0.00	28.37	0.65	0.65	0.65	0.00	0.18
Female	PCB		0.50	N/A	0.50	0.00		0.14	0.14	0.14	0.00	0.04
	Total		2.80		2.80	0.00		0.79	0.79	0.79	0.00	0.22
	PCDD/F	16-30	3.40	2.50	2.95	0.64	29.77	1.01	0.74	0.88	0.19	0.25
	PCB		0.60	0.45	0.53	0.11		0.18	0.13	0.16	0.03	0.04
	Total		4.00	3.00	3.50	0.71		1.19	0.89	1.04	0.21	0.29
	PCDD/F	31-45	4.30	4.40	4.35	0.07	35.51	1.53	1.56	1.54	0.03	0.43
	PCB		0.95	1.90	1.43	0.67		0.34	0.67	0.51	0.24	0.14
	Total		5.25	6.30	5.78	0.74		1.86	2.24	2.05	0.26	0.58
	PCDD/F	46-60	7.50	5.80	6.65	1.20	39.49	2.96	2.29	2.63	0.47	0.74
	PCB		3.30	3.10	3.20	0.14		1.30	1.22	1.26	0.06	0.36
	Total		10.80	8.90	9.85	1.34		4.26	3.51	3.89	0.53	1.09
	PCDD/F	>60	14.00	12.00	13.00	1.41	40.01	5.60	4.80	5.20	0.57	1.46
	PCB		5.90	6.30	6.10	0.28		2.36	2.52	2.44	0.11	0.69
	Total		19.90	18.30	19.10	1.13		7.96	7.32	7.64	0.45	2.15

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
West Urban	PCDD/F	<16	1.20		1.20	0.00	8.3	0.10	0.10	0.10	0.00	0.03
Male	PCB		0.86	N/A	0.86	0.00		0.07	0.07	0.07	0.00	0.02
	Total		2.10		2.10	0.00		0.17	0.17	0.17	0.00	0.05
	PCDD/F	16-30	2.10	2.10	2.10	0.00	21.2	0.45	0.45	0.45	0.00	0.13
	PCB		0.74	0.64	0.69	0.07		0.16	0.14	0.15	0.01	0.04
	Total		2.84	2.74	2.79	0.07		0.60	0.58	0.59	0.01	0.17
	PCDD/F	31-45	4.10	6.40	5.25	1.63	23.72	0.97	1.52	1.25	0.39	0.35
	PCB		2.40	2.70	2.55	0.21		0.57	0.64	0.60	0.05	0.17
	Total		6.50	9.10	7.80	1.84		1.54	2.16	1.85	0.44	0.52
	PCDD/F	46-60	5.70	5.30	5.50	0.28	24.36	1.39	1.29	1.34	0.07	0.38
	PCB		4.10	4.00	4.05	0.07		1.00	0.97	0.99	0.02	0.28
	Total		9.80	9.30	9.55	0.35		2.39	2.27	2.33	0.09	0.65
	PCDD/F	>60	9.80	9.20	9.50	0.42	23.06	2.26	2.12	2.19	0.10	0.62
	PCB		6.80	6.90	6.85	0.07		1.57	1.59	1.58	0.02	0.44
	Total		16.60	16.10	16.35	0.35		3.83	3.71	3.77	0.08	1.06
West Urban	PCDD/F	<16	0.93		0.93	0.00	28.41	0.26	0.26	0.26	0.00	0.07
Female	PCB		0.43	N/A	0.43	0.00		0.12	0.12	0.12	0.00	0.03
	Total		1.36		1.36	0.00		0.39	0.39	0.39	0.00	0.11
	PCDD/F	16-30	2.40	2.60	2.50	0.14	30.28	0.73	0.79	0.76	0.04	0.21
	PCB		1.40	0.68	1.04	0.51		0.42	0.21	0.31	0.15	0.09
	Total		3.80	3.28	3.54	0.37		1.15	0.99	1.07	0.11	0.30
	PCDD/F	31-45	3.50	3.80	3.65	0.21	34.15	1.20	1.30	1.25	0.07	0.35
	PCB		2.30	2.10	2.20	0.14		0.79	0.72	0.75	0.05	0.21
	Total		5.80	5.90	5.85	0.07		1.98	2.01	2.00	0.02	0.56
	PCDD/F	46-60	5.10	6.00	5.55	0.64	37.94	1.93	2.28	2.11	0.24	0.59
	PCB		3.00	3.20	3.10	0.14		1.14	1.21	1.18	0.05	0.33
	Total		8.10	9.20	8.65	0.78		3.07	3.49	3.28	0.30	0.92
	PCDD/F	>60	12.00	13.00	12.50	0.71	41.04	4.92	5.34	5.13	0.29	1.44
	PCB		6.40	6.50	6.45	0.07		2.63	2.67	2.65	0.03	0.74
	Total		18.40	19.50	18.95	0.78		7.55	8.00	7.78	0.32	2.19

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
Rural	PCDD/F	<16	2.60	2.60	2.60	0.00	8.34	0.22	0.22	0.22	0.00	0.06
Male	PCB		1.00	0.66	0.83	0.24		0.08	0.06	0.07	0.02	0.02
	Total		3.60	3.30	3.45	0.21		0.30	0.28	0.29	0.02	0.08
	PCDD/F	16-30	2.30	3.00	2.65	0.49	21.63	0.50	0.65	0.57	0.11	0.16
	PCB		0.79	1.00	0.90	0.15		0.17	0.22	0.19	0.03	0.05
	Total		3.09	4.00	3.55	0.64		0.67	0.87	0.77	0.14	0.22
	PCDD/F	31-45	4.40	4.70	4.55	0.21	24.38	1.07	1.15	1.11	0.05	0.31
	PCB		2.30	2.40	2.35	0.07		0.56	0.59	0.57	0.02	0.16
	Total		6.70	7.10	6.90	0.28		1.63	1.73	1.68	0.07	0.47
	PCDD/F	46-60	7.10	6.90	7.00	0.14	24.61	1.75	1.70	1.72	0.03	0.48
	PCB		4.40	4.50	4.45	0.07		1.08	1.11	1.10	0.02	0.31
	Total		11.50	11.40	11.45	0.07		2.83	2.81	2.82	0.02	0.79
	PCDD/F	>60	8.20	11.00	9.60	1.98	23.48	1.93	2.58	2.25	0.46	0.63
	PCB		7.40	7.10	7.25	0.21		1.74	1.67	1.70	0.05	0.48
	Total		15.60	18.10	16.85	1.77		3.66	4.25	3.96	0.42	1.11
Rural	PCDD/F	<16	2.50	2.40	2.45	0.07	28.41	0.71	0.68	0.70	0.02	0.20
Female	PCB		4.70	0.95	2.83	2.65		1.34	0.27	0.80	0.75	0.23
	Total		7.20	3.35	5.28	2.72		2.05	0.95	1.50	0.77	0.42
	PCDD/F	16-30	2.60	1.10	1.85	1.06	31.58	0.82	0.35	0.58	0.33	0.16
	PCB		0.78	3.10	1.94	1.64		0.25	0.98	0.61	0.52	0.17
	Total		3.38	4.20	3.79	0.58		1.07	1.33	1.20	0.18	0.34
	PCDD/F	31-45	5.30	5.10	5.20	0.14	35.73	1.89	1.82	1.86	0.05	0.52
	PCB		1.40	1.60	1.50	0.14		0.50	0.57	0.54	0.05	0.15
	Total		6.70	6.70	6.70	0.00		2.39	2.39	2.39	0.00	0.67
	PCDD/F	46-60	7.80	7.50	7.65	0.21	39.88	3.11	2.99	3.05	0.08	0.86
	PCB		4.20	4.50	4.35	0.21		1.67	1.79	1.73	0.08	0.49
	Total		12.00	12.00	12.00	0.00		4.79	4.79	4.79	0.00	1.35
	PCDD/F	>60	14.00	15.00	14.50	0.71	40.18	5.63	6.03	5.83	0.28	1.64
	PCB		7.70	12.00	9.85	3.04		3.09	4.82	3.96	1.22	1.11
	Total		21.70	27.00	24.35	3.75		8.72	10.85	9.78	1.51	2.75

Appendix 9 Minimum, Maximum, Weighted Mean and Median Values for Breast Milk Samples - 1993 and 2001-2003 Studies

	1993 Breast Milk Sample Data				2003 Breast Milk Sample Data			
	Min	**Max**	**Wtd Mean**	**Median**	**Min**	**Max**	**Wtd Mean**	**Median**
WHO-TEF - PCDD/Fs								
Lower bound	8.4	11.8	10.3	10.6	3.7	9.7	5.7	5.5
Middle Bound	9.0	12.0	10.6	10.8	3.7	9.8	5.8	5.6
Upper Bound	9.6	12.2	10.9	11.0	3.7	9.9	5.9	5.7
WHO-TEF - PCBs								
Lower bound	3.7	7.4	5.1	4.2	1.8	5.4	3.1	2.6
Middle Bound	3.7	7.4	5.1	4.2	1.8	5.4	3.1	2.6
Upper Bound	3.7	7.4	5.1	4.2	1.8	5.4	3.1	2.6
WHO-TEF - Total								
Lower bound	14.3	15.9	15.4	15.9	6.0	15.1	8.8	8.9
Middle Bound	14.5	16.4	15.7	16.2	6.0	15.1	8.9	8.9
Upper Bound	14.6	17.0	16.0	16.4	6.0	15.1	9.0	8.9

Appendix 10 Mean PCDD/F, PCB and Total WHO-TEQs by Region - Industrial, Urban and Rural

	Mean Values (pg/g lipid)		
	Urban Regions (n=12)	**Industrial Regions (n=2)**	**Rural Regions (n=3)**
WHO-TEF - PCDD/F			
Lower bound	6.2	4.4	5.3
Middle Bound	6.2	4.6	5.4
Upper Bound	6.3	4.9	5.5
WHO-TEF PCB			
Lower bound	3.1	3.3	2.8
Middle Bound	3.1	3.4	2.8
Upper Bound	3.1	3.4	2.8
WHO-TEF Total			
Lower bound	9.3	7.7	8.1
Middle Bound	9.3	8.0	8.2
Upper Bound	9.4	8.2	8.2

Appendix 11 Foods analysed for dioxins

Food	Number of composite samples analysed	Number of Purchases included in each composite sample
Meat & Meat Products		
Bacon	10	3
Beef, minced	14	4
Hamburger	10	3
Lamb chops	11	3
Leg ham[1]	9	3
Sausages, meat, thick	11	3
Liver pate (chicken)	4	3
Dairy Products		
Butter[31]	10	3
Chocolate, milk[1]	1	3
Milk, whole[1]	13	4
Infant formula[1]	5	3
Margarine/Table spread	6	4
Fish		
Fish fillets[1]	10	3
Fish portions	9	3
Tuna, Canned[1]	5	3
Poultry & Eggs		
Eggs[1]	13	4
Chicken breasts[1]	11	3
Cereal Products		
Bread, white[1]	3	4
Other Foods		
Baked beans[1]	3	3
Orange juice[1]	3	4
Peanut butter[1]	4	3
Potatoes[1]	3	4
Total Samples (Total foods)	**165** (22)	

[1]Additional sample collection performed by AGAL.

Appendix 12 95th percentile estimated monthly dietary exposure to dioxins per kilogram of body weight.

Sex	Age group	PCDD/Fs (pg WHO-TEQ/kg bw/month)		PCBs (pg WHO-TEQ/kg bw/month)		Total Dioxins (pg WHO-TEQ/kg bw/month)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	2.9	23.7	13.2	16.9	16.1	40.6
Males	2+	3.2	25.0	14.5	18.4	17.7	43.3
Females	2+	2.7	22.4	12.1	16.0	14.8	38.4
Toddlers	2-4	4.0	43.6	8.0	22.6	12.1	66.2
Males	4-15	3.5	33.2	8.3	18.7	11.8	51.9
Females	4-15	3.2	29.0	8.5	17.4	11.7	46.4
Males	16-29	3.5	21.3	15.8	18.6	19.3	39.9
Females	16-29	2.2	17.7	10.4	13.3	12.6	31.0
Males	30-44	3.0	18.1	15.4	17.3	18.4	35.4
Females	30-44	2.2	16.1	9.3	11.9	11.5	28.0
Males	45-59	2.9	16.5	14.9	16.6	17.8	33.1
Females	45-59	2.8	14.8	15.6	17.4	18.4	32.2
Males	60+	3.0	14.9	16.7	18.8	19.7	33.6
Females	60+	2.3	14.8	12.5	14.0	14.9	28.8

TMI = 70 pg TEQ/kg bw/month
Total dioxins = sum of intakes of PCDD/Fs and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.
Estimated dietary exposures are based on food consumption data from the 1995 NNS

Appendix 13 Percent contribution of food groups to PCDD/F mean dietary exposures for each population group

Food Name	9 months	2+ years			2-4 years	4-15 years		16-29 years		30-44 years		45-59 years		60+ years	
	All	All	Males	Females	All	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Fish fillets, including crustacea and molluscs	6	39	40	38	18	26	24	35	35	45	39	44	46	47	44
Milk (full fat) including cheese, icecream and infant dessert	10	31	30	33	55	45	44	33	35	25	31	25	28	24	29
Bacon	1	7	8	6	2	5	6	9	7	8	7	7	7	8	6
White bread, including all cereal products	2	4	4	4	5	5	5	4	5	4	5	4	4	4	4
Peanut butter	0	4	5	4	8	5	7	4	5	5	4	5	3	3	3
Potatoes, including all vegetables	1	3	3	4	2	2	3	3	3	3	4	3	4	3	4
Butter	0	2	2	2	1	1	2	2	2	2	2	2	2	3	3
Beef, minced	0	2	2	2	1	1	1	2	2	2	2	2	1	2	1
Eggs	0	2	2	2	1	2	2	2	2	2	2	2	2	2	2
Milk chocolate	1	1	1	1	2	2	3	2	2	1	2	1	1	0	1
Chicken breasts	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1
Sausages, meat, thick	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Margarine, table spread	0	1	1	1	0	1	1	1	1	0	0	0	0	1	1
Infant formula	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Percentage food contributions to PCDD/F and PCB exposure based on ‘lower bound’ values.

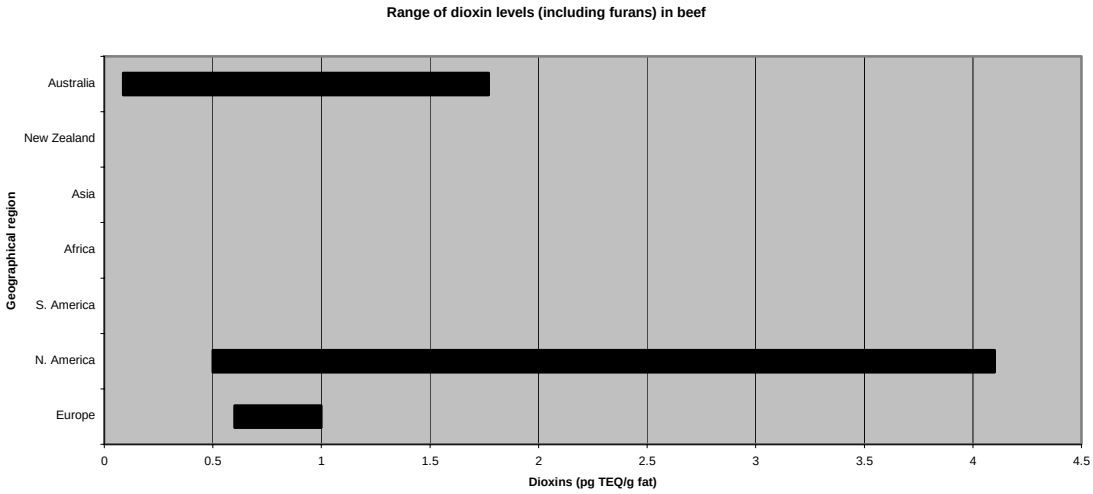
Appendix 14 Percent contribution of food groups to PCB mean dietary exposures for each population group

Food Name	9 months	2+ years			2-4 years	4-15 years		16-29 years		30-44 years		45-59 years		60+ years	
	All	All	Males	Females	All	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Fish fillets, including crustacea and molluscs	26	72	73	71	49	60	57	68	68	76	72	75	77	78	76
Milk (full fat) including cheese, icecream and infant dessert	4	11	11	12	30	21	21	13	13	9	11	8	9	8	10
Beef, minced	1	3	3	3	2	3	3	4	3	3	3	3	2	3	2
Chicken breasts	1	2	2	2	2	2	2	3	3	2	2	2	1	1	2
Bacon	1	2	2	2	1	2	2	2	2	2	2	2	2	2	1
Sausages, meat, thick	1	2	2	1	3	3	3	2	1	1	1	2	1	1	1
Tuna, canned	1	2	1	2	1	1	2	1	2	1	2	2	2	1	2
Eggs	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Butter	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
White bread, including all cereal products	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Lamb chops	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Orange juice, including all fruit	2	1	1	1	2	1	1	1	1	0	1	1	1	1	1
Milk chocolate	1	1	1	1	1	1	2	1	1	0	1	0	0	0	0
Margarine, table spread	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
Infant Formula	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baked beans	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0

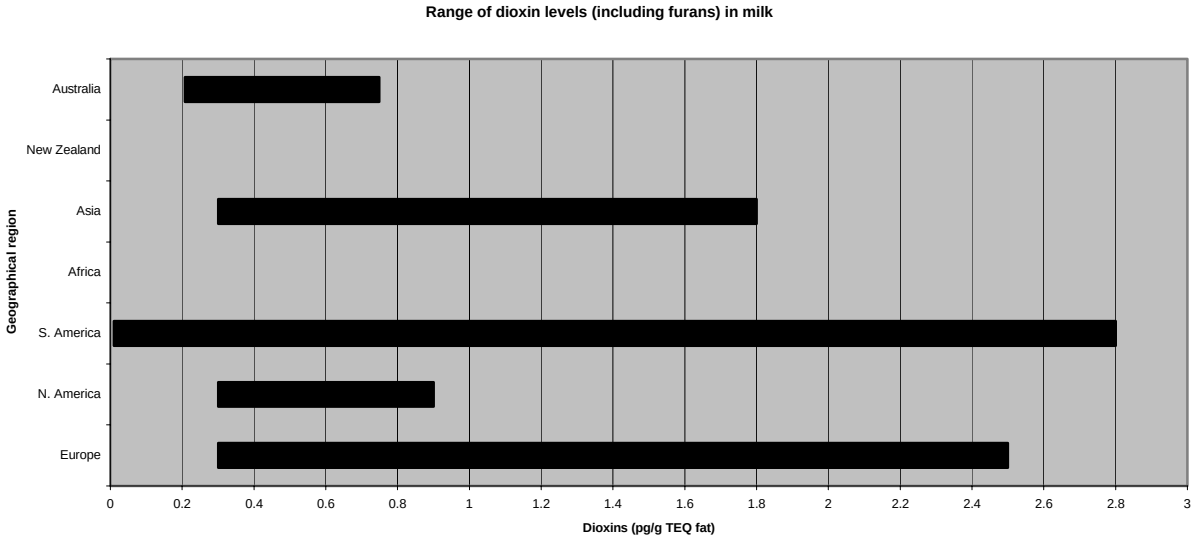
Percentage food contributions to PCDD/F and PCB exposure based on ‘lower bound’ values.

Appendix 15 An international comparison of the range of dioxins in agricultural commodities

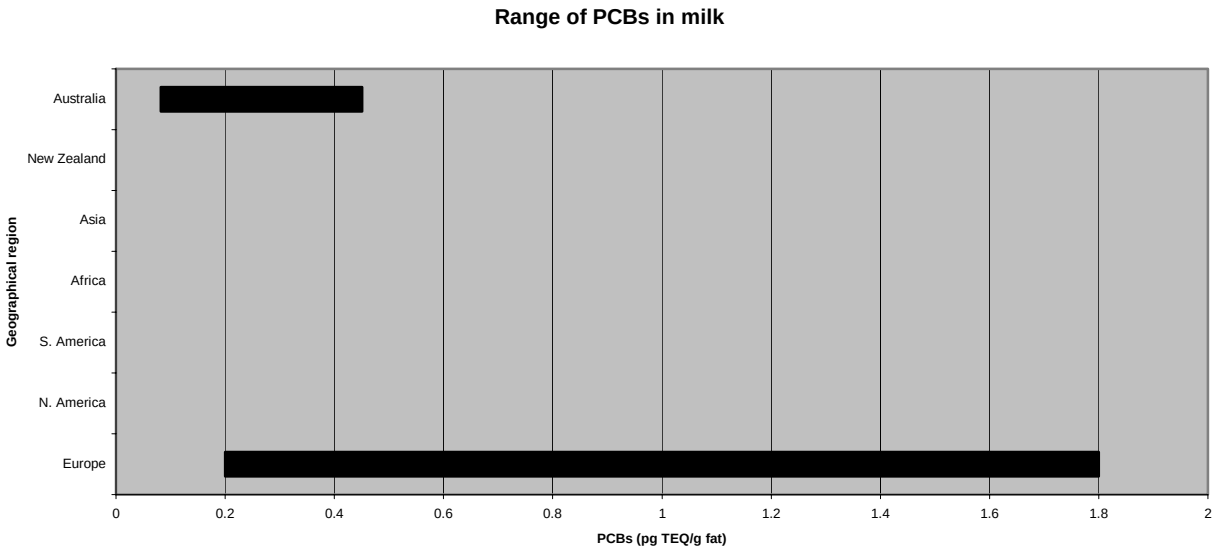
Range of PCDD/Fs in beef



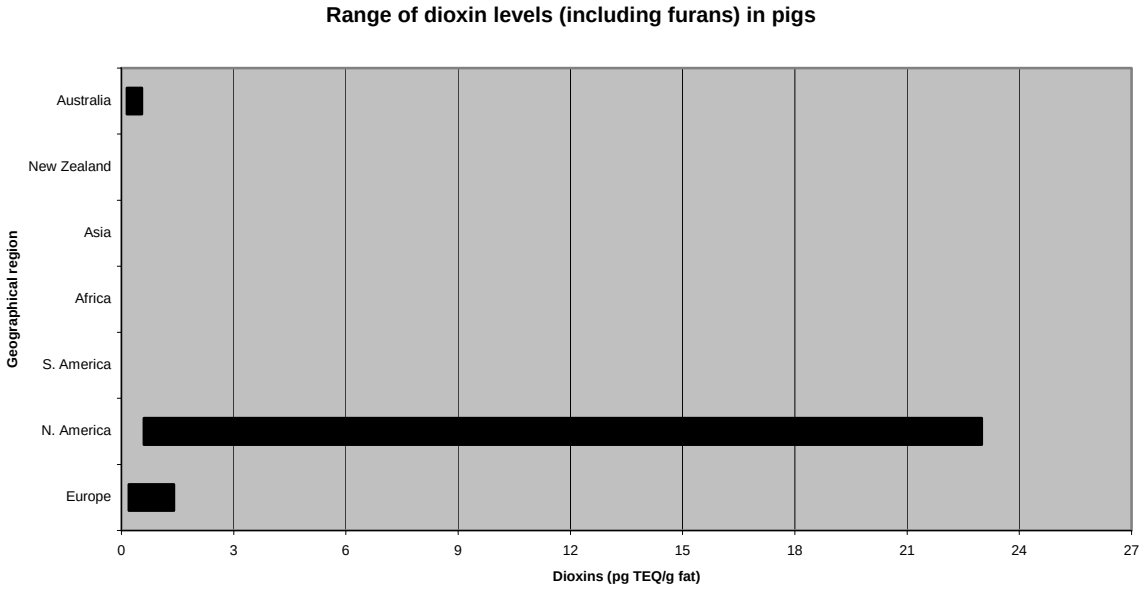
Range of PCDD/Fs in milk



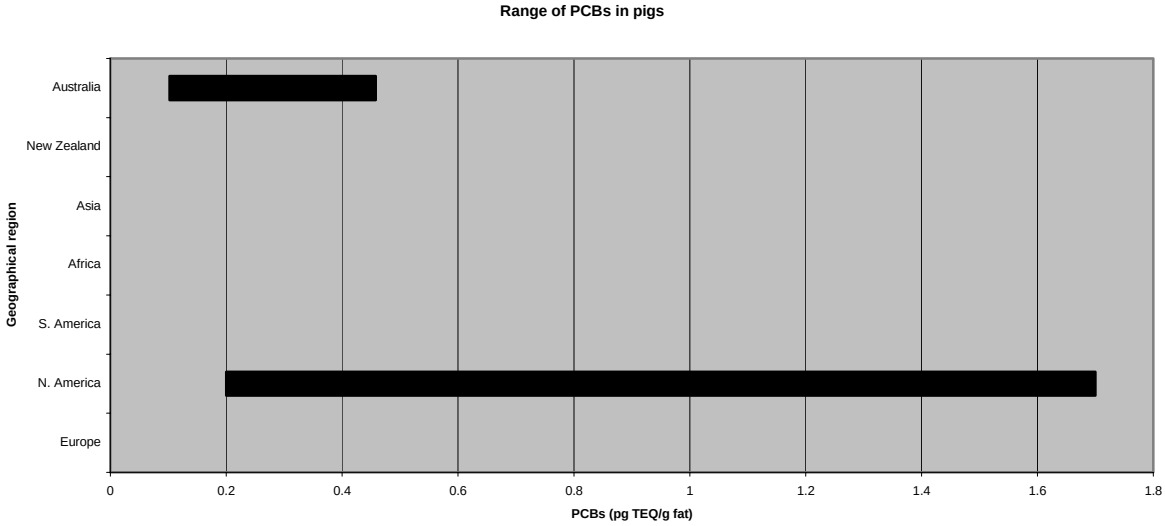
Range of PCBs in milk



Range of PCDD/Fs in pigs



Range of PCBs in pigs



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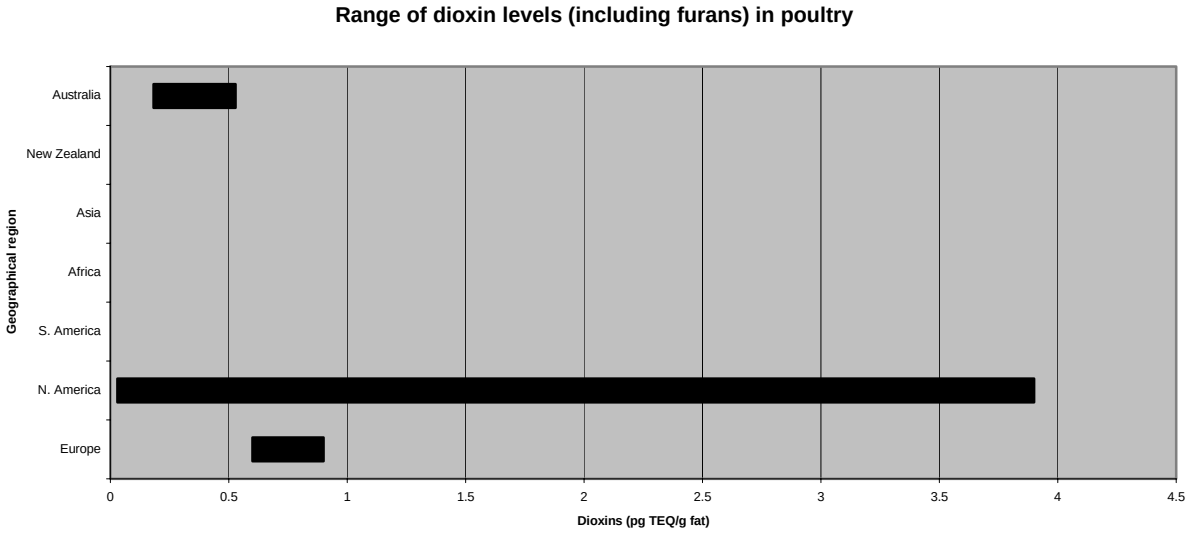
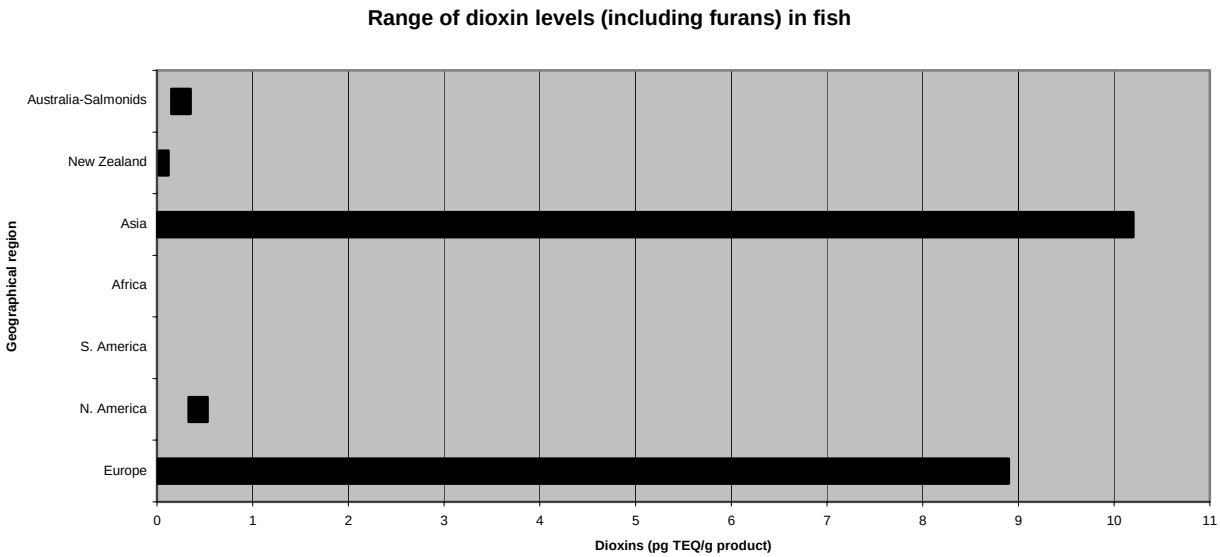
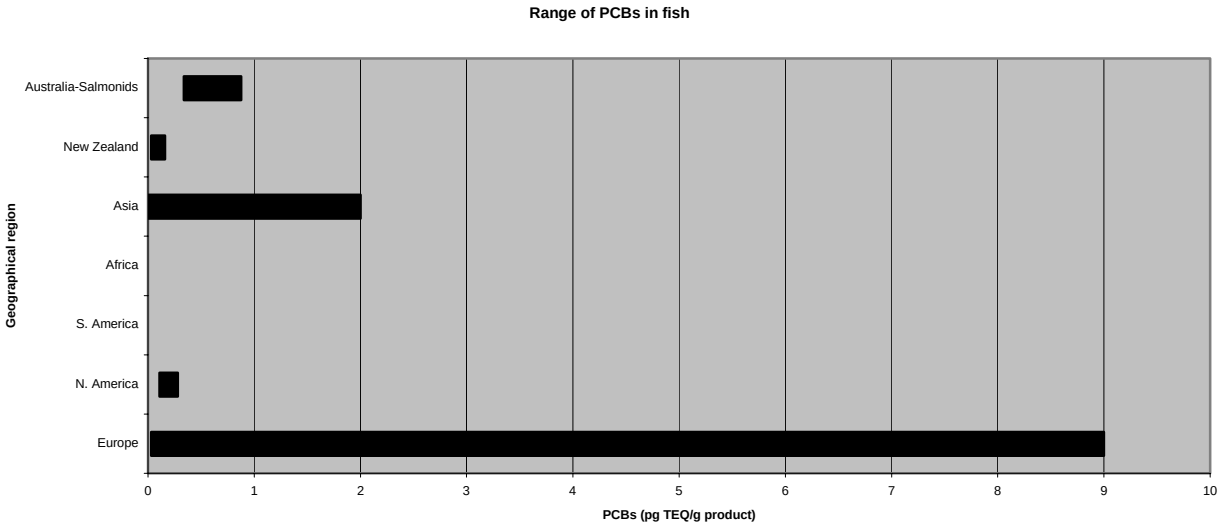


Range of PCDD/Fs in fish



Range of PCBs in fish



Appendix 16 Summarised Ambient Air Data from the DEH Ambient Air Study

		LOWER BOUND			MID BOUND			UPPER BOUND		
		DF	**PCB**	**DFPCB**	**DF**	**PCB**	**DFPCB**	**DF**	**PCB**	**DFPCB**
URBAN	**min**	0.14	0.14	0.38	0.37	0.19	0.75	0.58	0.24	1.09
	max	63.42	12.31	65.12	63.42	12.33	65.12	63.42	12.32	65.12
n=76	**mean**	11.77	1.84	13.61	12.14	1.86	14.00	12.49	1.88	14.37
	median	4.80	1.49	7.22	4.98	1.50	7.59	5.36	1.60	7.91
	SD	15.01	1.95	15.28	14.88	1.94	15.13	14.72	1.93	14.96
RURAL	**min**	0.01	0.08	0.15	0.31	0.10	0.65	0.47	0.12	0.81
	max	15.70	1.70	15.78	16.01	1.70	16.11	16.31	1.70	16.43
n=19	**mean**	1.52	0.42	1.94	1.93	0.45	2.38	2.35	0.47	2.82
	median	0.31	0.28	0.74	0.70	0.33	1.02	1.21	0.38	1.48
	SD	3.55	0.41	3.54	3.53	0.40	3.53	3.54	0.39	3.54
REMOTE	**min**	0.00	0.01	0.04	0.23	0.03	0.35	0.42	0.04	0.63
	max	4.43	0.41	4.67	4.43	0.40	4.68	4.44	0.41	4.68
n=10	**mean**	0.64	0.09	0.73	1.00	0.11	1.11	1.34	0.13	1.47
	median	0.07	0.04	0.12	0.48	0.07	0.62	0.95	0.09	1.01
	SD	1.37	0.13	1.42	1.27	0.12	1.30	1.24	0.11	1.26

Appendix 17 Formulae and Assumptions Used in Estimating the Intake and Systemic Exposure to Dioxins from Soil

Intake from ingestion of soil was calculated according to following formula:

$$\frac{\text{Dioxin concentration in soil x amount of soil ingested/day x 30}}{\text{Body weight}}$$

Systemic exposure from ingestion of soil was calculated according to following formula:

$$\frac{\text{Dioxin concentration in soil x amount of soil ingested/day x fraction absorbed x 30}}{\text{Body weight}}$$

For both the intake and systemic exposures, the amount of soil ingested was assumed to be 100 mg/day for child (1-5 years old) and 25 mg/day for adult. Body weights used were 15 kg for a 3 year old child and 70 kg for an adult (EnHealth, 2003; EnHealth, 2002; US EPA, 2002). The fraction of dioxins absorbed from soil was taken as 0.5, which was considered appropriate on the basis of results reported in animal and *in vitro* studies (Shu et al, 1988, Ruby et al, 2002)

Monthly systemic exposure from dermal contact with soil was estimated according to the following formula:

$$\frac{\text{Dioxin concentration in soil x area of exposed skin x dermal adherence x fraction absorbed x 30}}{\text{Body weight}}$$

Body weights used were as outlined above. Areas of exposed skin used were:
Child 1992 cm^2 =30% of total skin surface area (EnHealth, 2003; US EPA, 2002)
Adult 4700 cm^2 =24% of total skin surface area (EnHealth, 2003)

Since the draft Australian Exposure Assessment Handbook lacks dermal adherence factors for both children and adults, the dermal adherence factors used were 0.2 mg/cm^2 for a child and 0.07 mg/cm^2 for an adult (US EPA, 2001b). The fraction of PCDD/Fs absorbed was 0.03 and the fraction of PCBs absorbed through the skin was 0.14 (US EPA, 2001b). It was also assumed that dermal contact with soils occurred to the same extent every day of the year over a lifetime.

Appendix 18 Estimated monthly dietary exposures to PCDD/F, PCBs and total dioxins, as a percentage of the TMI.

Sex	Age group	PCDD/F (% TMI)		PCBs (% TMI)		Total Dioxins (% TMI)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	1	15	4	8	5	22
Males	2+	1	16	4	8	6	24
Females	2+	1	14	4	7	5	21
Infants	9 months	7	77	10	17	17	87
Toddlers	2-4	3	36	6	17	9	52
Males	4-15	2	25	5	12	7	37
Females	4-15	2	21	4	10	6	31
Males	16-29	1	15	4	8	6	23
Females	16-29	1	13	3	7	4	19
Males	30-44	1	13	5	8	6	21
Females	30-44	1	11	3	6	4	18
Males	45-59	1	12	4	7	5	19
Females	45-59	1	11	4	6	5	17
Males	60+	1	11	4	7	5	18
Females	60+	1	11	3	6	4	17

TMI = 70 pg TEQ/kg bw/month

Total dioxins = sum of intakes of PCDD/F and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.

95th percentile dietary exposure to dioxins as a percentage of the TMI

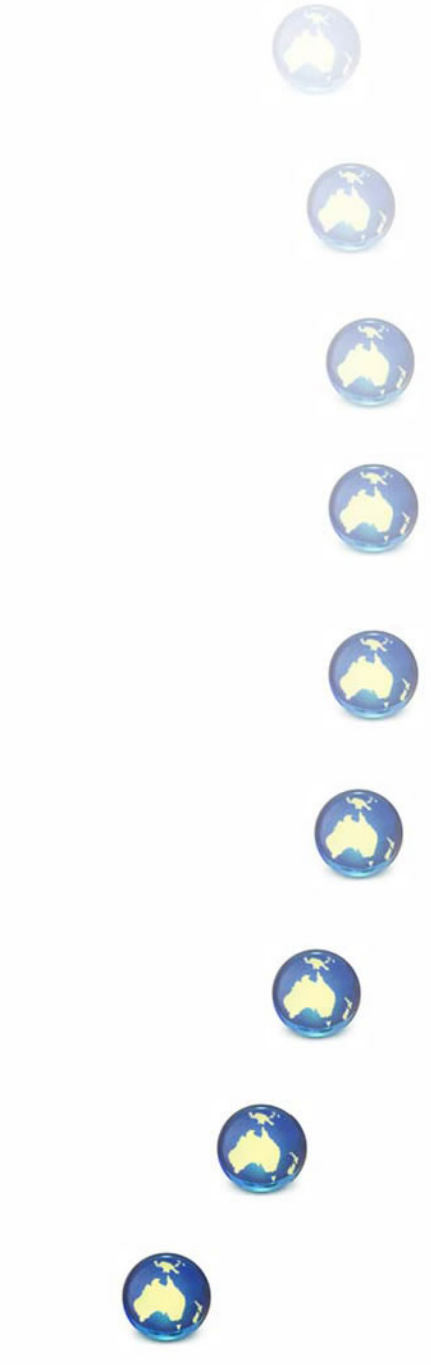
Sex	Age group	PCDD/F (% TMI)		PCBs (% TMI)		Total Dioxins (% TMI)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	4	34	19	24	23	58
Males	2+	5	36	21	26	25	62
Females	2+	4	32	17	23	21	55
Toddlers	2-4	6	62	11	32	17	95
Males	4-15	5	47	12	27	17	74
Females	4-15	5	41	12	25	17	66
Males	16-29	5	30	23	27	28	57
Females	16-29	3	25	15	19	18	44
Males	30-44	4	26	22	25	26	51
Females	30-44	3	23	13	17	16	40
Males	45-59	4	24	21	24	25	47
Females	45-59	4	21	22	25	26	46
Males	60+	4	21	24	27	28	48
Females	60+	3	21	18	20	21	41

TMI = 70 pg TEQ/kg bw/month
Total dioxins = sum of intakes of dioxins-furans and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.
Estimated dietary exposures are based on food consumption data from the 1995 NNS
Infant estimated dietary exposures are based on a constructed infant diet (see Section 3.2.2).

Appendix 19 Toxic Equivalency Factors (TEFs)

Congener		EPA/87[a]	NATO/88[b]	WHO/94[c]	WHO/98[d]
PCDDs					
2,3,7,8-TCDD		1	1		1
1,2,3,7,8-PeCDD		0.5	0.5		1
1,2,3,4,7,8-HxCDD		0.04	0.1		0.1
1,2,3,7,8,9-HxCDD		0.04	0.1		0.1
1,2,3,6,7,8-HxCDD		0.04	0.1		0.1
1,2,3,4,6,7,8-HpCDD		0.001	0.1		0.01
1,2,3,4,6,7,8,9-OCDD		0	0.001		0.0001
PCDFs					
2,3,7,8-TCDF		0.1	0.1		0.1
1,2,3,7,8-PeCDF		0.1	0.05		0.05
2,3,4,7,8-PeCDF		0.1	0.5		0.5
1,2,3,4,7,8-HxCDF		0.01	0.1		0.1
1,2,3,7,8,9-HxCDF		0.01	0.1		0.1
1,2,3,6,7,8-HxCDF		0.01	0.1		0.1
2,3,4,6,7,8-HxCDF		0.01	0.1		0.1
1,2,3,4,6,7,8-HpCDF		0.001	0.01		0.01
1,2,3,4,7,8,9-HpCDF		0.001	0.01		0.01
1,2,3,4,6,7,8,9-OCDF		0	0.001		0.0001
PCBs					
IUPAC #	**Structure**				
77	3,3',4,4'-TCB			0.0005	0.0001
81	3,4,4',5-TCB			-	0.0001
105	2,3,3',4,4'-PeCB			0.0001	0.0001
114	2,3,4,4',5-PeCB			0.0005	0.0005
118	2,3',4,4',5-PeCB			0.0001	0.0001
123	2',3,4,4',5-PeCB			0.0001	0.0001
126	3,3',4,4',5-PeCB			0.1	0.1
156	2,3,3',4,4',5-HxCB			0.0005	0.0005
157	2,3,3',4,4',5'-HxCB			0.0005	0.0005
167	2,3',4,4',5,5'-HxCB			0.00001	0.00001
169	3,3',4,4',5,5'-HxCB			0.01	0.01
170	2,2',3,3',4,4',5-HpCB			0.0001	-
180	2,2',3,4,4',5,5'-HpCB			0.00001	-
189	2,3,3',4,4',5,5'-HpCB			0.0001	0.0001

[a] US EPA, 1987
[b] NATO/CCMS, 1988
[c] Ahlborg et al, 1994
[d] van den Berg et al, 1998



EPHC

National Dioxins Program - National Action Plan for addressing Dioxins in Australia

October 2005

Environment Protection and Heritage Council

NOTE

This National Action Plan has been developed by a Project Team of government officers, at the request of the Environment Protection and Heritage Council. The views and opinions expressed in this publication do not necessarily reflect those of any members or member government of the Environment Protection and Heritage Council.

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PREFACE

At its 11th meeting on 1 July 2005, the Environment Protection and Heritage Council (EPHC) agreed to release the draft *National Action Plan for Addressing Dioxins in Australia* for an eight-week public comment period.

Fourteen submissions were received and taken into consideration in preparing a revised Plan. A summary of the comments provided is included in Appendix 2.

The EPHC has agreed that this revised Action Plan will be the guiding document for addressing dioxins in Australia. The plan will be implemented in consultation with other ministerial councils with an interest in dioxins including Food Regulation, Primary Industries and Health.

The Action Plan will contribute towards meeting Australia's obligations in relation to reducing dioxin releases as required under Article 5 of the Stockholm Convention. The Action Plan will become part of Australia's National Implementation Plan (NIP) which will set out how we will meet broader obligations under the Convention.

The plan will be amended from time to time to reflect international moves aimed at minimising, and where feasible, ultimate elimination of dioxin releases.

Further information about this plan should be made to:

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EXECUTIVE SUMMARY

This National Action Plan sets out a range of actions that will be taken by Australian governments to minimise, and where feasible, ultimate elimination of dioxin releases. The actions include:

Air emissions

- Governments to adopt or reaffirm 0.1 ng TEQ/m^3 as a guideline emission level for new combustion facilities and for existing combustion facilities when they are upgraded.
- Governments to use recommendations in the Stockholm Convention Best Available Techniques and Best Environmental Practices guidance for new facilities and for existing facilities when they are upgraded.
- Governments to continue with existing measures aimed at reducing particle emissions from domestic woodheaters including community education on the correct operating practices for woodheaters, seeking improvements to woodheater installation and emission standards, and sponsoring research to improve our understanding of woodheater emissions.
- The Australian Government to monitor overseas research looking at emissions of dioxins from diesel, LPG and CNG vehicles to determine whether further action is required in Australia.
- Australian Government to undertake further research on dioxin emissions from bushfires to provide firmer evidence of dioxins to help governments determine appropriate response measures, if any.
- The EPHC Air Toxics Working Group to utilise NDP Ambient Air study data when assessing the relative priority of dioxins, for possible inclusion in the Air Toxics NEPM.

Soils

- In the review of the Site Contamination NEPM during 2005/2006, consider including health-based investigation levels for dioxins. Investigation level for sites contaminated with dioxins may provide guidance which will lead to uniformity of site risk assessment. Consider the feasibility of a screening process for identifying sites where dioxins could be present.
- Governments to continue best efforts towards remediating sites contaminated with significant levels of dioxins and undertake this work in an environmentally sound manner.
- Australian Government to consider further research to improve our knowledge of natural dioxins formation, and the sources and exposure risks of dioxins in the soils of coastal eastern Australia.

Water

- Governments to consider including a level for dioxins in water when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

Sediments

- Governments to consider including a level for dioxins in sediments when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

Sediments

- Governments to consider including a level for dioxins in sediments when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

Biota

- Subject to resources, the Australian Government to give consideration to undertaking further studies of biota in order to assess whether source directed measures are having the desired effect in lowering dioxin levels in the environment.

Wastes

- Where information identifies environmental or human health risks from dioxins in water recycling and biosolids activities, governments to consider including a level for dioxins when undertaking a future update of the National Water Quality Management Strategy (NWQMS):
    - Guidelines for Water Recycling – Managing Health and Environmental Risks
    - Guidelines for Sewerage Systems – Biosolids Management
- Governments to consider including a level for dioxins when undertaking a review of the NWQMS Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) 1994.
- Governments to take into account the Stockholm Convention Best Available Techniques and Best Environmental Practices guidance for production of pulp when new mills or modifications to existing mills are proposed.
- Governments to set a level for dioxins in fertilisers and industrial residues when applied to land for soil amelioration purposes.
- No further action required at this time to amend the level of dioxins and furans in re-refined base oil.
- Governments to continue the removal from use and destruction of scheduled wastes in accordance with the three plans under the National Strategy for the Management of Scheduled Waste.
- Governments to ensure that the Stockholm Convention guidance on Best Available Techniques and Best Environmental Practices is considered in selecting the process to treat the HCB waste so as to prevent or minimise the formation and release of dioxins.

National Pollutant Inventory

- Governments to consider reporting dioxins in toxic equivalents (TEQs) under the National Pollutant Inventory.

Human intake

- Governments to continue with existing programs that discourage cigarette smoking and promote lower saturated fat intake.
- Government to continue to promote the health benefits of exclusive breastfeeding to the age of six months, then the introduction of complementary foods and continued breastfeeding thereafter.

- Subject to resources, governments to consider periodically monitoring the population burden of dioxins in order to assess whether risk reduction strategies are having the desired effect in lowering dioxin levels in humans.

Agricultural products

- Subject to resources, Australian Government to give consideration to undertaking a study in ten years in order to ensure dioxin levels in livestock commodities remain within international and domestic standards.
- The Australian Government to work with Australian animal production industries to support implementation of voluntary measures to address hazards, including dioxins, in animal feeds.

Food

- Subject to resources, give consideration to undertaking a study in ten years to determine if dioxins levels in food have remained low.
- Consider setting maximum levels or generally expected levels for dioxins in food, should a future survey reveal that source-directed measures have been ineffective at reducing dioxin levels in foods.

Other actions

- The Australian Government to continue investigating possible legislative avenues with which it can address dioxins in the environment, as obliged under the Stockholm Convention.

Glossary

ATDS	Australian Total Diet Survey
BAT	Best Available Techniques
BEP	Best Environmental Practices
COP	Conference of Parties
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DAFF	Department of Agriculture, Fisheries and Forestry
DEH	Department of the Environment and Heritage
EPA	Environment Protection Authority / Agency
EPBC Act	Environment Protection and Biodiversity Conservation Act
EPHC	Environment Protection and Heritage Council
EU	European Union
FRSC	Food Regulation Standing Committee
FSANZ	Food Standards Australia and New Zealand
HCB	Hexachlorobenzene
MfE	Ministry for the Environment, New Zealand
MRL	Maximum Residue Limit
NAP	National Action Plan
NATO CCMS	North Atlantic Treaty Organization Committee on the Challenges to Modern Society
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NDP	National Dioxins Program
NPI	National Pollutant Inventory
NRS	National Residue Survey
NWQMS	National Water Quality Management Strategy
OCP	Organochlorine Pesticides
PCBs	Polychlorinated biphenyls
PCDDs	Polychlorinated dibenzodioxins (dioxins)
PCDFs	Polychlorinated dibenzofurans (furans)
POPs	Persistent Organic Pollutants
TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin, the most toxic dioxin
TEF	Toxic Equivalency Factors

TEQ	Toxic Equivalents
UNEP	United Nations Environment Program
WHO	World Health Organization

Units of measurements

	Symbol	
Milligrams	mg	1×10^{-3} (0.001g)
Microgram	μg	1×10^{-6} (0.000 001g)
Nanogram	ng	1×10^{-9} (0.000 000 001g)
Picogram	pg	1×10^{-12} (0.000 000 000 001g)
Femtograms	fg	1×10^{-15} (0.000 000 000 000 001g)

1. BACKGROUND

1.1 National Dioxins Program

The Commonwealth Government provided $5 million over four years towards the National Dioxins Program (NDP), a program to improve our knowledge on dioxin levels in Australia and to determine the risk to both human health and the environment.

The NDP began in 2001 and is being implemented in three phases. Phase one involved gathering information about the current levels of dioxins in the Australian environment, community, food and levels of emissions. Studies under this part of the program began in July 2001 and were completed in 2004.

Phase two used the information gathered in the phase one studies to undertake a risk assessment to determine the potential risks of dioxins to the environment. An assessment was also made of the potential risks for human health from exposure to dioxins either directly from the environment or from dioxins in food. The findings of the studies and the risk assessments are contained in a series of twelve technical reports – see the Reference section for more details.

The final phase of the NDP is to implement appropriate measures aimed at reducing, and where feasible, eliminating the release of dioxins in Australia. This Action Plan outlines a range of actions to be implemented.

The Action Plan was released on 1 July 2005 for an eight-week public comment period ending on 26 August 2005 with fourteen submissions received from organisations and individuals.

1.2 What are dioxins?

The term "dioxins" describes a group of compounds that belong to the larger family of persistent organic pollutants. These compounds share similar chemical structures, properties and biological characteristics including toxicity. These compounds can accumulate in the body fat of animals and humans and tend to remain unchanged for long periods. Several hundred of these compounds exist and are members of three closely related families:

- polychlorinated dibenzo-p-dioxins (PCDDs or dioxins)
- polychlorinated dibenzofurans (PCDFs or furans)
- certain co-planar polychlorinated biphenyls (PCBs).

Dioxins are not deliberately produced, but are released into the environment as a result of combustion activities including power generation, waste incineration, metal smelting, the manufacture of some chemicals, as well as from natural sources such as bushfires and volcanoes. It is estimated that over 96 per cent of dioxins present in the environment have originated from emissions to air. PCBs were produced commercially in large quantities until the late 1970s and used in electrical appliances, such as transformers and capacitors, hydraulic fluids, plasticisers and dye carriers. Some types of PCBs are also generated and released into the environment as unintentional by-products of chemical manufacturing and combustion processes.

The NDP has focused on the 29 most toxic of these compounds which are recognised internationally as being harmful to humans and animals. These are listed in Table 1. To assist the reader, the term "dioxins" is used in this paper to refer to the three families, but there are instances where specific mention is made to furans and PCBs.

Table 1: Dioxin, furans and PCB toxic equivalent factors (both I-TEF or NATO and WHO_{98} TEF).

Congener	IUPAC No.	NATO CCMS or $WH0_{94}$-TEF	WHO_{98}-TEF [3]
Dioxins[a]			
2,3,7,8-TetraCDD [a]	-	1 [1]	1
1,2,3,7,8-PentaCDD	-	0.5	1
1,2,3,4,7,8-HexaCDD	-	0.1	0.1
1,2,3,6,7,8-HexaCDD	-	0.1	0.1
1,2,3,7,8,9-HexaCDD	-	0.1	0.1
1,2,3,4,6,7,8-HeptaCDD	-	0.01	0.01
OctaCDD	-	0.001	0.0001
Furans[b]			
2,3,7,8-TetraCDF [b]	-	0.1	0.1
1,2,3,7,8-PentaCDF	-	0.05	0.05
2,3,4,7,8-PentaCDF	-	0.5	0.5
1,2,3,4,7,8-HexaCDF	-	0.1	0.1
1,2,3,6,7,8-HexaCDF	-	0.1	0.1
1,2,3,7,8,9-HexaCDF	-	0.1	0.1
2,3,4,6,7,8-HexaCDF	-	0.1	0.1
1,2,3,4,6,7,8-HeptaCDF	-	0.01	0.01
1,2,3,4,7,8,9-HeptaCDF	-	0.01	0.01
OctaCDF	-	0.001	0.0001
Non-ortho PCB [c]			
3,3',4,4'-tetrachlorobiphenyl	PCB#77	0.0005 [2]	0.0001
3,4,4',5-tetrachlorobiphenyl	PCB#81	-	0.0001
3,3',4,4',5-pentachlorobiphenyl	PCB#126	0.1	0.1
3,3',4,4',5,5'-hexachlorobiphenyl	PCB#169	0.01	0.01
Mono-ortho PCB [c]			
2,3,3',4,4'-pentachlorobiphenyl	PCB#105	0.0001	0.0001
2,3,4,4',5-pentachlorobiphenyl	PCB#114	0.0005	0.0005
2,3',4,4',5-pentachlorobiphenyl	PCB#118	0.0001	0.0001
2',3,4,4',5-pentachlorobiphenyl	PCB#123	0.0001	0.0001
2,3,3',4,4',5-hexachlorobiphenyl	PCB#156	0.0005	0.0005
2,3,3',4,4',5'-hexachlorobiphenyl	PCB#157	0.0005	0.0005
2,3',4,4',5,5'-hexachlorobiphenyl	PCB#167	0.00001	0.00001
2,3,3',4,4',5,5'-heptachlorobiphenyl	PCB#189	0.0001	0.0001

2. WHAT DO WE KNOW ABOUT DIOXINS IN AUSTRALIA?

Prior to establishment of the NDP, limited Australian studies showed environmental levels were low, but a lack of information made it difficult to assess dioxin impacts on the environment and human health. Starting in mid 2001, information studies were undertaken by leading Australian scientific organisations, with assistance from overseas experts, under contract to the Australian Government Department of the Environment and Heritage (DEH). Completed in 2004, these studies involved collecting samples from a range of environments across Australia, a cross section of the community, and a range of foods and agricultural commodities. Studies also looked at emissions from bushfires and motor vehicles.

As the laboratory analysis of dioxins is very expensive, the number of samples collected for each study was limited and as a result caution must be taken with interpreting the findings. Despite these limitations, the studies provide the largest survey of dioxin levels ever undertaken in Australia and will provide valuable baseline data for comparison in future work and for determining trends.

The studies show that the ambient levels of dioxins in the environment are generally low compared with other countries and that levels in the Australian population are also low. Specifically the studies showed:

- the total emissions of dioxins to the environment from all sources range from 160-1790 g per year. Uncontrolled combustion[1] (including controlled and wildfires, waste burning and accidental fires) contributes an estimated 1360 g or around 70% of all dioxin emissions. Prescribed burning and wildfires contribute between 30-570 g per year, or about 20-30% of the total emissions. As there is still uncertainty about this estimate, the Department of the Environment and Heritage (DEH) has commissioned further research to refine it.
- ferrous and non-ferrous metal production; production of chemicals and consumer goods such as paper; fossil fuel power generation; waste disposal, landfilling and waste incinerators are other main sources of emissions, emitting 420 g or around 23%.
- domestic woodheaters contribute around 4% of dioxin emissions. As dioxin levels are higher in air in urban areas during winter, these increased levels are most likely due to smoke from these heaters. However, ambient levels of dioxins in the major cities are still low compared with other countries.
- dioxins from motor vehicles account for less than 2% of total dioxin emissions. Leaded petrol vehicles accounted for about 40-45% of total dioxins emissions in 1998. With the banning of leaded petrol in January 2002 the levels will have substantially declined.
- dioxin levels in soils are generally lower than those reported in many industrial countries. Levels in soils from urban and industrial locations are substantially higher than in agricultural and remote locations. Higher levels of dioxins were found in soils from coastal eastern Australia. It has been suggested in other studies that high dioxin levels may extend along the entire eastern coastline of Australia. The comparatively elevated levels of dioxins in these

[1] The UNEP Toolkit for Identification of Dioxins and Furan Releases defines uncontrolled combustion as covering all combustion that does not occur in controlled devices such as incinerators, stoves and boilers.

soils are so far unexplained. The other studies suggest this might be due to historical geological processes. The close proximity of these areas to the coast and possible past periods of submergence by the sea led to elevated chlorine in the soil, a known precursor for dioxin formation. The evidence for dioxin formation involving natural geological processes includes:

  - a lack of identifiable human activities that could give rise to the dioxin levels
  - the dioxin profile does not relate to any current industrial activity
  - analysis of marine sediment core samples extending prior to the European occupation also showing elevated levels of dioxins
  - the occurrence of similar dioxin profiles in soil and sediment samples from other parts of the world, e.g. Mississippi River in the USA, Germany and Finland.

- aquatic environments in urban and industrial areas had higher levels of dioxins in sediments and animals than samples from agricultural and remote locations.
- dioxins emitted to air can deposit on plant, soil and water surfaces, which can then enter the food chain when animals eat leaves, soils or sediments contaminated with dioxins. Dioxins levels in Australian fauna are highest in birds of prey due to their high position in the food chain. Marine mammals living in estuaries close to urban/industrial areas also had relatively high levels. Levels were generally much lower in herbivorous animals such as kangaroos. Overall, compared with fauna from other countries, the levels are generally low.
- the ecological risk assessment concluded that the dioxin levels in fauna reflect the animal's position on the food chain with herbivorous organisms having the lowest levels, while birds of prey had the highest levels. The assessment also concluded that fish are at low risk when exposed to the dioxins levels in the Australian aquatic environment, marine mammals living in open oceans of Australia have no risk, but dolphins in urban/industrial estuaries were at risk. Terrestrial mammals are at a low risk when exposed to background levels of dioxins.
- levels in agricultural commodities, including beef, sheep, pigs, poultry, milk and farmed salmon are low compared with levels in products from other countries. They are well below standards set by the European Union.
- levels in food are low. Food samples collected under the Food Standards Australia New Zealand diet survey were analysed and showed that fish, meat and dairy products were the major food groups contributing to dioxins exposure for the general population.
- levels of dioxins in the Australian population are low by international standards. Levels are higher in older people due to a number of factors including on-going accumulation over a lifetime, the fact that older people were exposed to much higher levels in the 1940s-1960s when regulations governing the control of industrial emissions were minimal, and potential differences in metabolism and body fat.
- for Australians aged two years or older, the monthly intake of dioxins from food was between 3.9-15.8 pg TEQ/kg body weight/month or between 6-23% of the Australian Tolerable Monthly Intake of 70 pg TEQ/kg bw/month set by the National Health and Medical Research Council.

The reports of the National Dioxins Program studies can be accessed on the DEH website at: http://www.deh.gov.au/industry/chemicals/dioxins/index.html

3. WHY ARE DIOXIN LEVELS GENERALLY LOW IN AUSTRALIA?

The generally low levels of dioxins in the Australia environment can be attributed to a number of factors. Firstly, the levels are a reflection of the relatively low level of industrial activity in Australia compared with other countries. For example, in many northern hemisphere countries, dioxin levels are high due to a number of factors such as the extensive industrial complexes which generate dioxins and past burning of municipal waste in incinerators without adequate controls for the cleaning of exhaust gases. The large populations also contribute to higher levels through emissions from sources such as domestic heating and motor vehicles. Stricter controls on dioxin emissions from these sources and the use of improved technology have seen the levels of dioxins in many of these countries decline over the past decade.

The NDP studies found that levels of dioxins were higher in urban areas than agricultural areas in Australia. These elevated levels could be attributed to emissions over many decades from sources such as industrial facilities, motor vehicles and domestic woodheaters. Some of the highest levels in urban areas were associated with former industrial sites contaminated with dioxins due to past chemical production activities.

Secondly, actions taken by Australian governments and others over the past decade to address other toxic chemicals have most likely also led to reduced emissions of dioxins. Some of these activities include:

- the implementation of clean air regulations by States and Territories requiring industrial facilities to reduce emissions either through the use of more efficient filtering systems or cleaner production techniques
- the actions by industry in monitoring and reducing emissions of dioxins
- the banning of backyard rubbish burning
- establishing programs to replace older, polluting woodheaters with appliances that contribute to better air quality, and implementing community education programs aimed at reducing particle emissions from woodheaters
- in 2002 phasing-out the use of leaded petrol which is a known source of dioxins
- Australian environment ministers rejecting a proposal in 1992 for a centralised high temperature waste disposal facility for the treatment of intractable wastes and instead promoting the separate treatment of each waste stream through programs such as the National Strategy for the Management of Scheduled Wastes[2]. Under this Strategy, three management plans were developed to phase-out and destroy organochlorine pesticides (OCPs), hxachlorobenzene (HCB) and polychlorinated biphenyls (PCBs)
- banning the manufacture and use of chemicals known to be sources of dioxins including pentachlorophenol and 2,4,5-T
- destroying OCPs and PCBs in destruction facilities which operate in accordance with world's best practice

[2] The Strategy was endorsed by environment ministers in 1993 and provides for the safe management and disposal of scheduled wastes. The Strategy provides for the development and implementation of the three national plans dealing with organochlorine pesticides, hexachlorobenzene and polychlorinated biphenyls.

- remediating old industrial sites contaminated with toxic chemicals, including dioxins, such as the 2000 Olympics site at Homebush Bay, Sydney

4. WHAT ARE THE OBLIGATIONS UNDER THE STOCKHOLM CONVENTION?

In the 1990s, countries recognised the need to take international action aimed at reducing persistent organic pollutants (POPs) to protect the environment and human health. This led to the formation of the Stockholm Convention on Persistent Organic Pollutants which entered into force on 17 May 2004. As at 2 May 2005, 151 countries had signed and 98 had ratified the Convention. Australia ratified the Convention on 20 May 2004.

The objective of the Stockholm Convention is to protect human health and the environment from the effects of POPs. The Convention sets out a range of measures to reduce and, where feasible, eliminate POP releases, including emissions of by-product POPs and to ensure the sound management of stockpiles and wastes that contain POPs.

The Convention focuses on the following twelve POPs which have been used as pesticides, industrial chemicals, or are by-products from industrial processes. These chemicals have been identified for action due to their persistence, bioaccumulation, long-range dispersion and toxicity:

Chemical	**Pesticide**	**Industrial**	**Unintentionally produced**
Aldrin	✓		
Chlordane	✓		
Dieldrin	✓		
Endrin	✓		
Heptachlor	✓		
Hexachlorobenzene (HCB)	✓	✓	✓
Mirex	✓		
Toxaphene	✓		
Polychlorinated biphenyls (PCBs)		✓	✓
DDT	✓		
Dioxins (polychlorinated dibenzo-p-dioxins)			✓
Furans (polychlorinated dibenzofurans)			✓

Under Article 5 of the Convention, Parties are obliged to take measures to reduce, and where feasible, eliminate releases of unintentionally produced POPs, including dioxins, furans, HCB and dioxin-like PCBs. Parties must set out how they would implement these obligations in a National Action Plan (NAP). The actions proposed in this paper would form the basis of Australia's NAP.

Article 5 also requires Parties to promote the development of and (where appropriate) require the use of products or processes to prevent the formation and release of unintentionally produced POPs; and promote and, in accordance with its NAP, require the use of Best Available Techniques (BAT) and Best Environmental Practices (BEP) for new sources, and where existing sources are substantially modified. The Convention defines "Best Available Techniques" as using the most effective and advanced techniques that can be practically adopted to *prevent or minimise* harmful emissions of by-product POPs and other environmental impacts, or *reduce* them to acceptable limits.

"Available" techniques means those techniques that are accessible to the operator and that are developed on a scale that allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the costs and advantages.

"Best environmental practices" means the application of the most appropriate combination of environmental control measures and strategies.

The Convention requires Parties to use BAT for **new sources** in the following categories as soon as practicable but no later than four years after the entry into force of the Convention for that Party; this would be May 2008 for Australia:

- waste incinerators, including co-incinerators of municipal, hazardous or medical waste or of sewage sludge
- cement kilns firing hazardous waste
- production of pulp using elemental chlorine or chemicals generating elemental chlorine for bleaching
- thermal processes in the metallurgical industry including secondary copper, aluminium and zinc production and sinter plants in the iron and steel industry.

Parties are also required to promote in accordance with the implementation schedule of its action plan, the use of BAT and BEP to prevent the release of dioxins for **existing sources** for the above industries as well as other categories including:

- open burning of waste, including burning of landfill sites
- thermal processes in the metallurgical industry not mentioned above
- residential combustion sources
- fossil fuel fired utility and industrial boilers
- firing installation for wood and other biomass fuels
- specific chemical production processes releasing unintentionally formed persistent organic pollutants, especially production of chlorophenols and chloranil
- crematoria
- motor vehicles, particularly those burning leaded gasoline
- destruction of animal carcasses
- textile and leather dyeing (with chloranil) and finishing (with alkaline extraction)
- shredder plants for the treatment of end of life vehicles
- smouldering of copper cables
- waste oil refineries.

An international Expert Group comprising representatives from Parties, including Australia, has developed draft guidelines on BAT and provisional guidance on BEP. These Guidelines are not prescriptive but will assist Parties in ensuring that facilities, which are known sources of dioxins, are operating in line with world's best practice. The first meeting of Conference of the Parties of the Stockholm Convention (May 2005) recommended that Parties take the draft guidelines and provisional guidance into consideration, where practicable and feasible, in activities related to unintentionally produced persistent organic pollutants. The Expert Group will undertake further work over the next two years to improve the information contained in the BAT and BEP guidelines with a

view their consideration and adoption at the third Conference of the Parties in 2007. Consideration needs to be given to determine how these guidelines will be implemented in a consistent manner in Australia and how they might be reflected in regulatory requirements in jurisdictions.

Article 6 of the Convention requires Parties to develop appropriate measures to eliminate releases of POPs from stockpiles and wastes by:

- developing appropriate strategies for identifying stockpiles, products and articles containing, consisting of or contaminated with POPs
- implementing measures to reduce or eliminate releases from stockpiles and wastes containing POPs in a manner that protects human health and the environment
- taking appropriate measures to ensure that waste products containing dioxins are handled in an environmentally friendly manner and are disposed of in a way that destroys the POPs content
- endeavouring to develop strategies for identifying sites contaminated with POPs; if remediation is required then it must be done in an environmentally sound manner.

The three management plans developed under the National Strategy for the Management of Scheduled Wastes will contribute to meeting these obligations.

5. WAYS TO ADDRESS DIOXINS IN AUSTRALIA

A review of existing national, State and Territory environmental programs and legislation shows that there are a number of measures which apply controls, standards or guidelines for chemicals. Some already cover dioxins whereas others could be modified to include, for example, a guideline level for the emissions of dioxins. Some measures are subject to review over the next one to two years and will need to consider dioxins in these reviews.

This section outlines the existing measures, identifies gaps and suggests actions to address dioxins in Australia.

Table 2 summarises dioxin emissions estimates from the top 25 emitters categories as determined in the National Dioxins Program "Inventory of Dioxin Emissions in Australia, 2004".

Table 2: Emission estimates by subcategory - top 25 emitters

Source Category	Annual Estimated Release (g TEQ/annum)			
	Air	**Water**	**Land**	**Total** [a]
Biomass burning (includes prescribed burning	240	0	1,020	1,270
Pulp and paper production	0.4	0.2	103	104
Waste burning and accidental fires	88	0	8.7	97
Zinc production	50	0	0	50
Fossil fuel power plants	14.3	0	27.7	42.0
Aluminium production	4.45	0	31.80	36.26
Sewage and sewage treatment	0	0.9	33	34
Metal ore sintering	32	0	0	32
Medical waste incineration	6.39	0.36	21.9	28.7
Household heating and cooking with biomass	20.2	0	1.6	21.8
Iron and steel production plants	20.3	0	0.03	20.3
Copper production	1	0	13	14
Composting	0	0	7.3	7.3
Diesel engines	5.4	0	0	5.4
Other non-ferrous metal production	4	0	0	4
Heavy oil fired engines	3	0	0	3
Domestic heating and cooking with fossil fuels	0.4	0	2.5	2.9
Open water dumping	0	1.5	0	1.5
Ceramics production	1	0	0	1
Lead production	0.5	0	0	0.5
Cement production	0.48	0	0	0.48
Crematoria	0.3	0	0.15	0.46
4-Stroke Engines	0.3	0	0	0.3
Landfills and waste dumps	0	0.2	0	0.2
2-Stroke engines	0.2	0	0	0.2
Other	0.06	0.05	0.7	0.9
Total	**500**	**3.2**	**1,271**	**1,778**

5.1 AIR

The inventory of dioxin emissions in Australia (NDP Technical Report No 3) shows that the main sources of dioxins to the environment are from uncontrolled combustion (includes prescribed burning and wildfires, waste burning and accidental fires) which is estimated to contribute nearly 70% of total emissions. The next highest emitters of dioxins to air are metal smelting (including zinc, aluminium, iron and steel) and fossil fuel power generation. Domestic woodheaters contribute around 4%.

Emissions from combustion facilities

The level of 0.1 ng TEQ/m^3 of dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources.

In Australia this level has been adopted by most States and Territories with some jurisdictions prescribing this level in legislation while others adopting it as a licence condition (Table 3). The responsibility for licensing facilities rests with the States and Territories and not the Australian Government.

Table 3: Jurisdictional regulations for dioxin emissions to air

	ACT	NSW	QLD	SA	TAS	VIC	WA
Level	0.1 ng/m^3	0.1 ng/m^3 (stack)	0.1 ng/m^3	0.1 ng/m^3	0.1 ng/m^3 * (stack)	0.1 ng/m^3 *	0.1 ng/m^3
How	Lic	Leg	Lic	Lic	Lic	Lic	Lic
Apply		New facilities and upgrades.	New facilities and upgrades		New and upgrade of old facilities. Permit conditions to reflect best practice.	New facilities	

Legend:

Leg: Prescribed through legislation

Lic: Prescribed through licensing agreements

* The new figure of 0.0037 ng/m^3 at ground level has come into effect on 1 June 2005 under the *Environment Protection Policy (Air Quality) 2004*

As discussed under Section 4, Parties under the Stockholm Convention are required from four years after entry into force for them to promote BAT and BEP for new facilities and existing facilities which are to be modified. Although these Guidelines will not be mandatory for Parties, they must be taken into consideration and will provide a valuable benchmark against which Australian governments can ensure that facilities that are known sources of dioxins are meeting world's best practice.

Actions for Governments:

Adopt or reaffirm 0.1 ng TEQ/m^3 as a guideline emission level for new combustion facilities and for existing combustion facilities when they are upgraded.

Use recommendations in the Stockholm Convention BAT and BEP guidance for new facilities and for existing facilities when they are upgraded.

Emissions from domestic woodheaters

The ambient air study (NDP Technical Report No 4) has shown that levels of dioxins in ambient air are low compared with other countries. There was an increase in urban areas over winter most likely due to wood burning for residential heating. Domestic woodheaters account for around 4% of total dioxin emissions.

DEH, along with State and Territory governments, has implemented a range of measures to reduce woodsmoke from domestic heaters in recent years. These measures include woodheater replacement programs, education and awareness programs, development of regulations to minimise excessive smoke from woodheaters, and the development of more stringent particle emission standards. Although the principal objective of these initiatives is to reduce particle emissions from woodheaters, it is expected that the levels of dioxins over the winter months would also be reduced as a result of these initiatives.

Actions for Governments:

Continue with existing measures aimed at reducing particle emissions from domestic woodheaters including community education on the correct operating practices for woodheaters, seeking improvements to woodheater installation and emission standards, and sponsoring research to improve our understanding of woodheater emissions.

Emissions from motor vehicles

The study of dioxin emissions from motor vehicles (NDP Technical Report No 2) has shown that motor vehicles contribute less than 2% of total dioxin emissions, with leaded petrol and diesel fuel vehicles the highest contributors. However, in January 2002 the Commonwealth Government phased out the use of leaded petrol in Australia.

With the phase-out of leaded fuel, it is expected that the total dioxin emissions from motor vehicles will have substantially declined in recent years.

There is little information on the emissions of dioxins from diesel vehicles, but what research has been undertaken indicates that diesel vehicles may contribute a large proportion of the total dioxin emissions from motor vehicles. The reason for the formation of dioxins in diesel engines is still unclear.

In the absence of any dioxin emissions data, vehicles using Liquefied Petroleum Gas (LPG) and Compressed Natural Gas (CNG) are assumed to have emission factors similar to passenger cars running on unleaded petrol. However, the motor vehicle study noted that the overall impact of these vehicle types on total dioxin emissions is low due to LPG and CNG vehicles accounting for only a small part of total vehicle kilometres travelled.

Action for the Australian Government:

Monitor overseas research looking at emissions of dioxins from diesel, LPG and CNG vehicles to determine whether further action is required in Australia.

Emissions from bushfires

The bushfires study (NDP Technical Report No 1) shows that prescribed burning and wildfires may account for around 20-30% of total dioxin emissions to the environment. Savannah fires in northern Australia account for 83% of these emissions.

Restrictions cannot be placed on wildfires, but they are placed on hazard reduction control burns to minimise impact on human health from smoke and not to destroy too much native vegetation. As the conditions for the formation of dioxins in bushfires are very complex and are still not fully understood, it would be very difficult to place conditions on permits aimed solely at reducing dioxin emissions.

DEH will fund further research on the formation and emission of dioxins from bushfires. This research will aim to provide a more accurate estimation of the total emissions of dioxins from bushfires in Australia and to determine the extent to which dioxin releases are the result of new dioxin formation during a fire, or re-mobilisation of existing dioxin stored in the top soil, ground litter and vegetation. The CSIRO, in conjunction with the National Research Centre for Environment Toxicology will undertake this research in 2005.

Action for the Australian Government:

Undertake further research on dioxin emissions from bushfires to provide firmer evidence on the formation of dioxins to help governments determine appropriate response measures, if any.

Air toxics NEPM

In February 2001, the National Environment Protection Council (NEPC) established a Working Group to scope the development of a National Environment Protection Measure (NEPM) for Air Toxics, sometimes known as hazardous air pollutants. In June 2001, the Working Group recommended that five priority air toxics be the subject of a NEPM, from a list of 29 air toxics including dioxins. Dioxins were not identified as a priority at that time as there were insufficient data on their levels in Australia.

In June 2001, NEPC commenced the development of a NEPM for Air Toxics to address benzene, toluene, formaldehyde, xylenes and polycyclic aromatic hydrocarbons (PAHs). The draft Air Toxics NEPM and Impact Statement were released for public consultation in May 2003. At the 9th meeting of EPHC in December 2004, Council resolved to make the National Environment Protection (Air Toxics) Measure.

While results from the NDP show that the risk presented by dioxins in ambient air in Australia is very low, dioxins, along with other air pollutants, will be considered for possible future inclusion in the Air Toxics NEPM. A Working Group has been established under the EPHC to develop a process to prioritise air toxics.

Action for Governments:

The EPHC Air Toxics Working Group to utilise NDP Ambient Air study data when assessing the relative priority of dioxins, for possible inclusion in the Air Toxics NEPM.

5.2 SOILS

The soil study (NDP Technical Report No 5) shows that dioxin levels in remote and agricultural areas are generally lower compared with soils in urban and industrial areas. Overall, the study found that levels in soils are generally low compared to levels in many other countries. The comparatively elevated levels of dioxins in coastal soils in Queensland are so far unexplained. Scientists have suggested that the higher levels of dioxins in coastal eastern Australian soils may be due to historical geological processes. Further research would be needed in order to confirm this view or to determine another sources, if considered warranted.

The area of land with this high level of naturally occurring dioxin is very large. Given the dioxin levels found, it appears that remediation is neither warranted nor indeed feasible.

There are currently no national agreed acceptable level or guidelines in place for dioxins in soils in Australia. However, the *National Environment Protection (Assessment of Site Contamination) Measure 1999* specifies an effective process that covers chemicals that do not have a nationally agreed health investigation level.

Site Contamination NEPM

The purpose of the *National Environment Protection (Assessment of Site Contamination) Measure 1999* (Site Contamination NEPM) is to establish a nationally consistent approach to the assessment of site contamination to ensure sound environmental management practices by regulators, site assessors, environmental auditors, land owners, developers and industry. The desired environmental outcome for the Site Contamination NEPM is to provide adequate protection to human health and the environment, where site contamination has occurred, through the development of an efficient and effective national approach to the assessment of site contamination. The Site Contamination NEPM provides general guidance in relation to ecological, groundwater and health-based investigation levels.

The Site Contamination NEPM sets health-based investigation levels for a range of chemicals including heavy metals, pesticides and PCBs. Currently, there is no health-based investigation level set for dioxins. At its 9th meeting in December 2004, EPHC agreed to undertake a review of the Site Contamination NEPM. It was resolved to establish a committee to assist with this review which would develop and release an issues paper. The review will consider the need to establish investigation levels for additional chemicals including dioxins.

Some States and Territories have sites contaminated with dioxins, and some of these have been remediated, including some orphan sites. Clean-up of a contaminated site is usually required if the levels of contamination pose an unacceptable risk to human health or the environment. Where contaminants are moving off the site, State and Territory governments will continue to require, encourage or undertake the clean-up of such sites as they come to their attention and as contaminated site policy dictates.

Action for Governments:

In the review of the Site Contamination NEPM during 2005/2006, consider including health-based investigation levels for dioxins. Investigation level for sites contaminated with dioxins may provide guidance which will lead to uniformity of site risk assessment. Consider the feasibility of a screening process for identifying sites where dioxins could be present.

Continue best efforts towards remediating sites where dioxin contamination poses an unacceptable risk to the environment or human health and undertake this work in an environmentally sound manner.

Action for the Australian Government

Consider further research to improve our knowledge of natural dioxins formation, and the sources and exposure risks to sources of dioxins in the soils of coastal eastern Australia.

5.3 WATER

Dioxins are insoluble in water, therefore the most effective way of determining levels in aquatic environments is to analyse sediments and aquatic animals. This is discussed in section 5.4.

As part of Australia's National Water Quality Management Strategy, the *Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000 Volume 1* (the *Water Quality Guidelines*) provides a guide for setting water quality objectives required to sustain current, or likely future, environmental values (beneficial uses) for natural and semi-natural water resources in Australia and New Zealand.

These and other National Water Quality Management Strategy guidelines help communities and water authorities achieve consistency for the level of service provided by local water and sewage systems.

The *Water Quality Guidelines* mention dioxins (2,3,7,8-tetrachlorodibenzo-*p*-dioxin) in marine ecosystems, but as there was insufficient data available on dioxins when the guidelines were being developed, no level is given for dioxins in any water ecosystem.

It is expected that these guidelines will be updated in the next few years. Inclusion of a level for dioxins in water could be considered, although as dioxins are insoluble in water, the setting of a level may be problematic given the difficulty in measuring their presence.

Action for Governments:

Consider including a level for dioxins in water when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

5.4 SEDIMENTS

The results of the aquatic environment study (NDP Technical Report No 6) show that the levels of dioxins in most aquatic environments in Australia are generally low when compared to levels from many other industrialised countries. However, sediments in urban and industrial areas had significantly higher levels of dioxins than sediments in remote and agricultural locations. Some estuaries, for example, Port Jackson, Sydney had very high levels in sediments similar to those found in estuaries adjacent to industrial centres in other countries. These elevated levels may be due to

historical contamination from former chemical manufacturing sites near Homebush Bay. These sites are subject to current clean-up activities by the NSW Government.

The *Water Quality Guidelines* applies to sediment quality, but there are no levels for dioxins. These guidelines are expected to be updated in future, with sediment levels a component of the update. Inclusion of a level for dioxins could be considered.

Action for Governments:

Consider including a level for dioxins in sediments when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

5.5 BIOTA

Dioxins emitted to air can deposit on plant, soil and water surfaces. Dioxins can then enter the food chain when animals eat contaminated leaves, soils or sediments. The dioxins are then absorbed into animal fat. Dioxins increase in concentration as they move up the food chain, so that carnivores are more likely to have higher levels than herbivores.

The fauna study (NDP Technical Report No 7) found that levels are generally lower in Australia compared with fauna in other countries. Birds of prey had the highest levels, due to their position at the top of the food chain. Levels were much lower in herbivorous animals such as kangaroos, galahs and dugongs.

There are currently no regulated levels for dioxins in biota in Australia. The ecological risk assessment (NDP Technical Report No 11) noted that more reliable risk estimations would require information on the toxicity of dioxins to Australian wildlife species. However, as Australian ethical committees and current State legislation generally do not allow toxicity testing on native species, the establishment of a level for dioxins in biota would be very difficult. Reduction of emissions in Australia will most likely lead over time to lower levels of dioxins in Australian biota.

Action for Governments:

Subject to resources, the Australian Government to give consideration to undertaking further studies of biota in order to assess whether source directed measures are having the desired effect in lowering dioxin levels in biota.

5.6 WASTES

Sewage effluent and biosolids

The risk to environmental and human health from dioxins in sewage effluent and biosolids is low. The inventory of dioxin emissions (NDP Technical Report No.3) shows that sewage treatment works emit small amounts of dioxins to land. Emissions from biomass burning and paper production represent the most significant contributors to land.

The potential for dioxins to enter sewerage systems is low, primarily due to the limited number of industrial sources that produce dioxins and discharge to sewer. In addition, trade waste policies employed by sewage management authorities may limit or exclude dioxins from entering the sewerage system. Increasing use of recycled sewage and biosolids has the potential to shift some of the load of dioxin presently discharged to waterways to land.

Dioxins in recycled water are currently being considered by the Environmental Contaminant Working Group for the *National Guidelines for Water Recycling - Managing Health and Environmental Risk* being prepared under the National Water Quality Management Strategy (NWQMS). These Guidelines are being developed in consultation with the States and Territories and are due for completion in 2005. They will cover water recycling and water sensitive urban design using a risk management framework already tested on the Australian Drinking Water Guidelines. These Guidelines will supersede current guidelines for reclaimed water and urban stormwater management.

The NWQMS *Guidelines for Sewerage Systems Biosolids Management* were agreed to at the Natural Resource Management Ministerial Council in December 2004. These guidelines are due for public release in mid 2005. A level for dioxins was not included in these guidelines. However, as the knowledge of dioxin levels in biosolids is limited, further work and research is presently being undertaken in this area to confirm what the quantities are and the risks they pose.

Action for Governments:

Where information identifies environmental or human health risks from dioxins in water recycling and biosolids activities, consider including a level for dioxins when undertaking a future update of the National Water Quality Management Strategy:

- Guidelines for Water Recycling – Managing Health and Environmental Risks; and

- Guidelines for Sewerage Systems – Biosolids Management.

Trade Waste

Through the NWQMS *Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) 1994*, (*Trade Waste Guidelines*), trade waste, a liquid waste generated from any industry, business, trade or manufacturing process, must be managed to minimise the cost to the community of processing waste, to ensure environmental protection and encourage waste minimisation.

There are currently no levels set for dioxins. However, the guidelines may be amended where the local sewage authority has an appropriate scientific basis to nominate alternative criteria.

Action for Governments:

Consider including a level for dioxins when undertaking a review of the NWQMS Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) 1994.

National Strategy for the Management of Scheduled Wastes

In 1991, the former Australia and New Zealand Environment Conservation Council (ANZECC) considered a draft strategy based on the recommendations of a joint taskforce to tackle the problem of scheduled wastes. The Strategy was released to address concerns by industry and environment groups on the disposal of this waste. An independent panel was established to investigate the extent and production of scheduled waste and alternative disposal technologies to be used. Based on this recommendation, ANZECC rejected the proposal to establish a centralised high temperature waste disposal facility and instead, establish criteria and arrangements to assess new technologies. The

revised Strategy was considered by government and non-governmental agencies and in 1992 ANZECC endorsed the '*National Strategy for the Management of Scheduled Wastes'*.

The Strategy focuses on emerging, alternative, non-incineration waste destruction technologies with the aim to provide for the safe management and disposal of scheduled waste. For the purpose of the Strategy, scheduled wastes means a material or article containing a chemical, or mixture of chemicals exceeding the threshold concentration and threshold quantity, which is:

- organic in nature
- resistant to degradation by chemical, physical or biological means
- toxic to humans, animals, vegetation or aquatic life
- bioaccumulative in humans, flora and fauna.

The key aspects of the Strategy are:

- identification of separate waste streams facilitating distinct and diverse management and disposal options
- nationally agreed and consistent principles and practice
- regulatory support through legislation and regulations
- commercially viable management disposal/destruction strategies for wasteholders
- based on a consultative and open process.

The main development under the Strategy, was the establishment of three management plans which specify threshold concentrations, quantities of chemicals to be covered and phase-out dates for the three groups of chemical wastes:

- *Organochlorine Pesticides Waste Management Plan 1999*
- *Polychlorinated Biphenyls Management Plan 1996* (revised 1999)
- *Hexachlorobenzene Waste Management Plan 1996*

The three plans all require that emissions of dioxins to atmosphere from the destruction of scheduled wastes shall not exceed 0.1 ng TEQ/m^3.

While there has been good progress in removing organochlorine pesticides and polychlorinated biphenyls from use and destroying them, the process for the treatment of the hexachlorobenzene (HCB) waste held at the Orica site in Botany is under review. In determining the treatment process for the HCB waste, consideration should be given to the Stockholm Convention guidance on Best Available Techniques and Best Environmental Practices to prevent or minimise the formation and release of dioxins.

Action for Governments:

Continue the removal from use and destruction of scheduled wastes in accordance with the three plans under the National Strategy for the Management of Scheduled Waste.

Ensure that the Stockholm Convention guidance on Best Available Techniques and Best Environmental Practices is considered in selecting the process to treat the HCB waste so as to prevent or minimise the formation and release of dioxins.

Pulp mill guidelines

Commonwealth Ministers in May 1989 commissioned the CSIRO to undertake a study of bleached chemical pulp mill technology and environmental implications. On the basis of the conclusions from this study, the first set of guidelines, *Environmental Guidelines for New Bleached Eucalypt Kraft Pulp Mills* (*Pulp Mill Guidelines*) for the pulp mill industry were developed and subsequently revised in 1995 to include current State/Territory policies and incorporate new technical information. The objective of these Guidelines is to ensure protection of the environment from emissions generated by future pulp mills.

The guidelines set emission limits to ensure that the best technology and best environmental management practices are used in any new mill. The limits for dioxins in the effluent stream to be discharged to water are set at 15 pg/L.

In 2004 the Tasmanian Government reviewed these guidelines to take into consideration current world's best practice for any future bleached eucalypt kraft mills. They are consistent with the BAT and BEP guidance for production of pulp developed under the Stockholm Convention. The review, undertaken by the Tasmanian Resource Planning and Development Commission, has set new restrictions on a mill's environmental impact which all but eliminates dioxins and cuts organochlorine emissions and organic matter discharged in waste water.

With the discharge to effluent, the Commission has recommended that dioxins be set at a maximum limit of 10 pg/L, a reduction from the previous level of 15 pg/L.

The Stockholm Convention BAT and BEP guidance will be revised in future to include new technologies or practices.

Action for Governments:

Take into account the Stockholm Convention BAT and BEP guidelines for production of pulp when new mills or modifications to existing mills are proposed.

Reuse of industrial residues for land management applications

In October 2002 the EPHC agreed to develop a national approach for the re-use and recycling of industrial residues. The Ministers directed the EPHC Standing Committee to develop a national framework for the reuse and recycling of industrial residues focusing initially on their use in land management applications. It is envisaged that the framework would provide guidance on management approaches for industrial residues from source to end-use, and its ultimate fate in the environment.

Industrial residues are by-products (wastes) from industry which can be reused and recycled as an efficient means of enabling industry to contribute to sustainable resource management. Industrial residues have the potential to exhibit valuable soil conditioning and fertiliser properties due to their high levels of essential elements, such as zinc and magnesium, which are deficient in some Australian soils. However, there are a number of elements, such as cadmium, that can have adverse affects on the environment and human health, if present in high concentrations.

The EPHC Industrial Residues Working Group is currently working with the Fertiliser Working Group, a Primary Industries Standing Committee body, in developing national standards for contaminants in fertiliser. A standard for dioxins will be included.

Action for Governments:

Consider setting a level for dioxins in fertilisers and industrial residues when applied to land for soil amelioration purposes.

Used Oil Regulations

The *Product Stewardship for Oil Program* was introduced in 2001 by the Australian Government to provide incentives to increase used oil recycling with the aim to encourage the environmentally sustainable management and re-refining of used oil.

The *Product Stewardship (Oil) Act 2000* establishes the general framework and benefit entitlements of the arrangements. The objectives of the Act are to:

- develop a product stewardship arrangement for used oils
- ensure the environmentally sustainable management, re-refining and reuse of used oil
- support economic recycling options for used oil.

Under the *Product Stewardship (Oil) Amended Regulations 2003 (No. 1)*, the total amount of dioxins and furans in re-refined base oil (Category 1) must be less than 10 pg/g of oil. This level was based on methods developed by the United States of America Environment Protection Agency.

A review of the Act in July 2004 was tabled in the House of Representatives in November 2004. The recommendations are now currently out for public consultation. There were no recommendations to amend the level of dioxins and furans in re-refined base oil.

Action for the Australian Government:

No further action required at this time to amend the level of dioxins and furans in re-refined base oil.

5.7 NATIONAL POLLUTANT INVENTORY

The *National Pollutant Inventory (NPI) National Environmental Protection Measure* is an Internet database designed to provide the community, industry and government with information on the types and amounts of certain substances being emitted to the environment.

The NPI contains data on 90 priority substances, including polychlorinated dioxins and furans, which were identified as important because of their possible health and environmental effects. The NPI requires reporting from a wide range of industry and non-industry sources using a variety of techniques. Facilities must report on dioxins and furans if they exceed the reporting threshold i.e. if a facility uses 2,000 tonnes or more of fuel, or 60,000 megawatt hours of energy per year.

Currently, the NPI reports the emissions of polychlorinated dioxins and furans in kilograms per year. However, polychlorinated dioxins and furans are complex mixtures and are usually reported by other programs and studies in toxic equivalents (TEQ). TEQ is a means of scaling the emissions of each type of dioxins and furans according to their relative toxicity.

The reporting of polychlorinated dioxins and furans in TEQs would bring the NPI into line with current world's best practice. It would also provide a more useful data set, simplify reporting by industry and enable easier benchmarking within Australia and between other countries.

At the 9th meeting of EPHC in December 2004, Council resolved to review the NPI NEPM. The NPI NEPM has been operational for six years and as the program is used by a variety of groups, the review was to establish whether the program is currently delivering all the benefits expected of the program.

The review targeted the areas for improvements and built on earlier reviews, evaluating whether previous recommendations were still relevant. The review set out to identify possible changes to design parameters for the NPI. The outcome of the review will provide a starting point for Council to consider whether to embark on a process to vary the NPI NEPM.

The review has been carried out by an independent reviewer under the supervision of an EPH Standing Committee working group and the results have been submitted to EPHC.

Action for Governments:

Consider reporting dioxins in toxic equivalents (TEQs) under the National Pollutant Inventory.

5.8 HUMAN INTAKE

The human health risk assessment (NDP Technical Report No 12) found that the public health risk for Australians from the exposure of dioxins from food and other sources is low. However to keep this level low, the report made a number of recommendations with the aim of reducing any potential risks to human health:

- programs to reduce the release of dioxins into the environment need to be ongoing
- ways to block the cycling of dioxins through the food supply need to be identified
- reducing the levels of dioxins in feed given to livestock, poultry and aquaculture fish will help to reduce the levels of dioxins in the food supply
- since foods high in animal fats are a source of exposure to these chemicals, current efforts to promote lower saturated fat intake in the population should continue
- due to the inhalation of dioxins through cigarette smoke, current programs to discourage cigarette smoking should be maintained
- the population burden of dioxin-like compounds should be monitored periodically, to see whether risk reduction strategies are effective.

Action relating to reducing the environmental release of dioxins is considered under sections 5.1 to 5.7 and section 5.11. Action relating to stockfeed is considered under section 5.9.

As the levels of dioxins in breast milk are low by international standards and have declined over the last decade (as outlined in NDP Technical Report No 10) it should be noted that it is the advice of the World Health Organisation and the National Health and Medical Research Council (NHMRC) in Australia that breast milk is the best food for babies.

Efforts to promote lower saturated fat intake in the population are reflected in several recent Australian Government initiatives. The *NHMRC's 2003 Dietary Guidelines for Australian Adults* and the *Dietary Guidelines for Children and Adolescents in Australia* both recommend 'limiting saturated fat' in the diet and provide practical advice on how this can be achieved. This recommendation is supported by the Australian Government's national food selection guide, the *Australian Guide to Healthy Eating* (1998), an educational resource providing advice on eating for good health. Organisations such as Nutrition Australia, the Dieticians Association of Australia and the National

Heart Foundation of Australia also support reducing saturated fat intake through provision of professional and consumer-based advice, resources and projects. Other national initiatives, including a focus on healthy eating, although not specifically aimed at reducing saturated fat intake, include: the National strategic framework and agenda for action for public health nutrition, (*Eat Well Australia*, 2000-2010) developed by the Strategic Inter-Governmental Nutrition Alliance and the Australian Government's response to the issue of overweight and obesity in children - *Healthy Weight 2008: the national action agenda for children and young people and their families* (2003).

Tobacco leaf naturally contains both organic carbon and chlorine ions and consequently, as for any thermal process, "combustion" of cigarettes and cigars produces dioxins. On studies undertaken in Germany and Sweden, emissions on average from the smoking of a cigarette were 0.1pg TEQ/cigarette. Recent studies in Australia illustrate that on average the smoking population smoke 14 to 15 cigarettes per day. For those who smoke approximately 20 cigarettes a day, this could result in a dioxin intake of 3 pg/day. For smokers, the health risk from other carcinogenic components of cigarettes far outweigh the likely health risk from dioxins, however, it appears that encouraging people to give up smoking would help reduce their body burden of dioxins.

Australia has a comprehensive tobacco policy expressed in the *National Tobacco Strategy 2004-2009*. The Australian Government discourages cigarette smoking through the national prohibition of tobacco advertising and sponsorship; health warnings on tobacco packaging; the classification and scheduling of smoking cessation pharmacotherapies; customs duty and excise on tobacco products; control of illicit production and distribution; and prohibition of smoking in certain venues such as airports. The Government has introduced regulations to require new, graphic health warnings on cigarette packaging from March 2006. States and Territories are responsible for smoking cessation support services (Quitlines); regulation of retailers, including registration and licensing where applicable; prevention, detection and prosecution of sales to minors; smoking restrictions in non-Australian Government venues (the vast majority); and local restrictions on advertising and sponsorship, including point of sale advertising. Both tiers of government are involved in public information campaigns. These efforts have given Australia one of the lowest smoking rates in the world (17.4% of the population aged 14 and over were smokers in 2004).

Action for Governments:

Continue with existing programs that discourage cigarette smoking and promote lower saturated fat intake.

Continue to promote the health benefits of exclusive breastfeeding to the age of six months, then the introduction of complementary foods and continued breastfeeding thereafter.

Subject to resources, give consideration to periodically monitoring the population burden of dioxins in order to assess whether risk reduction strategies are having the desired effect in lowering dioxin levels in humans.

5.9 AGRICULTURAL PRODUCTS

Agricultural commodities

The Australian National Residue Survey (NRS) is a program conducted by the Department of Agriculture, Fisheries and Forestry (DAFF). The NRS was established in the early 1960s as the Commonwealth's response to growing concerns about pesticide residues in major meat export markets. The purpose of the NRS now is to monitor and report the level of residues and contaminants in food, inputs to production and/or the environment. Since then, the range of commodities covered by the NRS has expanded and now, about 15 animal, 14 plant and selected fisheries and aquaculture products are monitored. The NRS is not involved in the testing of imported food or animal feedstuffs.

Residue[3] testing is an important part of the national strategy to minimise unwanted residues and environmental contamination in food. Monitoring identifies potential problems and any necessary follow-up action. Residue testing is also an important measure of product quality, particularly for exporting countries such as Australia. The NRS also monitors and reports the level of residues and contaminants in food and inputs to production and/or the environment.

The NRS conducts or is involved in monitoring surveys and surveillance, compliance and residue prevention programs. Residue prevention programs are designed to prevent or minimise the risks of unacceptable residues to public health and trade. Chemical commodity combinations to be included in surveys are determined by the NRS in consultation with industries on the basis of risk assessments, and those combinations of highest risk are including in the NRS monitoring surveys. In conducting risk assessments, the main factors considered include international and/or domestic perceptions of the chemical commodity combination as a possible public health hazard or trade barrier, the toxicity of the chemical or its break-down products and the extent and results of previous monitoring of the chemical commodity combination.

Concentrations of residues of agricultural and veterinary chemicals and environmental contaminants, such as metals, are assessed against Australian standards that are expressed as Maximum Residue Limits (MRL), which are maximum permissible limits for chemical residues in food. MRL's are set by Food Standards Australia New Zealand (FSANZ) and the Australian Pesticides and Veterinary Medicines Authority (APVMA). MRLs have been set for PCBs in food such as meats, however there are no current limits set for dioxins and furans.

Contaminants that have been surveyed include organochlorines, organophosphates, PCBs, and antimicrobials. Dioxins were surveyed in 2002-03 for the first time under the NDP and the results were reported in the NDP Technical Report No 8[4]. The NDP study shows that levels of dioxins and dioxin-like PCBs in Australia's meat, milk and fish are low and compare favourably with levels reported in comparable studies from other countries. No samples contained dioxin levels exceeding the European Union standard. In view of the results of this survey, and given the significant costs associated with dioxins testing, DAFF does not support routine on-going testing of livestock commodities but would consider further testing in ten years, subject to resources.

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[3] Residues in agricultural terms are generally used to describe a small amount of a chemical treatment or its breakdown products which remain in or on a product. Residues in food safety include elements, such as metals, or other chemicals which may be present in food either through natural circumstances or as a consequence of industrial or agricultural activities.

[4] The work in this study was co-funded by participant industry groups.

Action for the Australian Government:

Subject to resources, give consideration to undertaking a study in ten years in order to ensure dioxin levels in livestock commodities remain within international and domestic standards.

Stockfeeds

Regulatory controls over imports of animal feeds are primarily the responsibility of the Australian Government. No specific legislation currently exists to address potential food hazards in imported animal feeds unless they can be shown to be a quarantine risk and dealt with under the *Quarantine Act 1908*. There are currently controls in every Australian jurisdiction to prevent the use of restricted animal material in feeds for ruminants. Other feed controls are managed under the "Uniform Australian Standards for the Labelling and Content of Stock Foods", which was agreed to by the then Standing Committee on Agriculture and Resource Management (now Primary Industries Standing Committee, PISC) in February 1997.

While Australian animal production industries have considered and implemented voluntary measures to address hazards in animal feeds, the regulatory framework has identifiable gaps. Controls over animal feeds across domestic jurisdictions are very variable and there is no current Commonwealth statutory structure to deal with imports of animal feeds beyond the scope of specific quarantine concerns.

The Australian Government red meat industry partnership, SAFEMEAT, recently endorsed a proposed national framework for managing food safety risks associated with stockfeeds. In March 2005, PISC agreed that the Primary Industries Health Committee (PIHC) would establish a working group to examine and evaluate components of a proposed framework for addressing the issue of animal feed controls in Australia. The working group will determine the scope of the framework for national feed standards ensuring coverage of terrestrial and aquatic animal production. Reference will be made to existing animal feed standards to ensure the standard is applied Australia-wide and is effective in controlling all known or anticipated hazards of concern in animal feeds.

Action for the Australian Government:

Work with Australian animal production industries to support implementation of voluntary measures to address hazards, including dioxins, in animal feeds.

Establish a working group to examine and evaluate components of a proposed framework for addressing the issue of animal feed controls in Australia.

5.10 FOOD

FSANZ, working in partnership with Australia's Commonwealth, State and Territory governments and the New Zealand Government, protects the health and safety of the people in Australia and New Zealand by maintaining a safe food supply. A key activity for FSANZ is monitoring the food supply to ensure that existing food regulatory measures provide adequate protection of consumer health and safety. The Australian Total Diet Survey (ATDS) is part of that monitoring.

The ATDS estimates Australian consumers' dietary exposure to substances found in the food supply through the testing of food samples collected from around Australia that are representative of the total

diet. In order to achieve more accurate dietary exposure estimates, the foods examined in the ATDS are prepared to a 'table ready' state before they are tested.

The samples collected for the 20th ATDS in 2000/2001 were analysed for dioxins. These results were then combined with dietary information from the 1995 National Nutrition Survey to assess the population's dietary exposure. The resulting dietary exposure assessment contributed to the overall dioxin human health risk assessment conducted by the Department of Health and Ageing as part of the NDP (NDP Technical Report No 12).

For the general population, over 95% of exposure to dioxins is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources.

An Australian Tolerable Monthly Intake (TMI) value for dioxins and furans of 70 pg TEQ/kg body weight/month, was recommended by the Therapeutic Goods Administration and the National Health and Medical Research Council in 2002. This level was based on the most sensitive reproductive effects of dioxins in animals. The recommended TMI from all sources combined and including dioxins, polychlorinated furans and dioxin-like PCBs, is equivalent to that set by the Joint Expert Committee on Food Additives (JECFA), a committee of the United Nations Food and Agriculture Organization (FAO) and the World Health Organization (WHO). The human health risk assessment found that for Australians aged 2 years or older, the monthly intake of dioxins was between 3.9-15.8 pg TEQ/kg bw/month or between 6-23% of the TMI. Since the completion of the Human Health Risk Assessment of Dioxins in Australia, the Therapeutic Goods Administration has considered available information published post 2002 and found no evidence that would suggest the Australian TMI should be updated at this stage.

As there are limitations associated with the data used to characterise the risk associated with exposure to dioxins from food, in general, conservative assumptions were used to minimise the possibility that risks would be underestimated. On the basis of this analysis the public health and safety risk for all Australians from exposure to dioxins from foods is very low.

The results and recommendations of the National Dioxins Program's human health risk assessment were considered by the Food Regulation Standing Committee (FRSC) in June 2005. FRSC acknowledged that source-directed measures that reduce the release of dioxins into the environment are the most appropriate means of ensuring a long term reduction in the exposure of Australians to dioxins, including through food. Given the current low public health risk, FRSC agreed that setting maximum levels (MLs) and generally expected levels (GELs) for dioxins in food is not appropriate at this stage. However, FRSC supports the repeat of the National Dioxins Program's dioxin dietary exposure survey in ten years, contingent on future decisions about funding and the lead agency. Should a future survey show that source-directed measures have been ineffective at reducing dioxin levels in foods, FRSC will give further consideration to establishing levels for dioxins in food.

Action for the Governments:

Subject to resources, give consideration to undertaking a study in ten years to determine if dioxin levels in food have remained low

Consider setting maximum levels or generally expected levels for dioxins in food, should a future survey reveal that source-directed measures have been ineffective at reducing dioxin levels in foods..

5.11 OTHER ACTIONS

The Australian Government is also investigating possible legislative avenues with which it can address dioxins in the environment, to ensure the discharge of Australia's obligations under the Stockholm Convention. One suggested legislative avenue is through approval being required under the *Environment Protection and Biodiversity Conservation Act 1999* for dioxin emissions above a particular level or resulting from particular activities.

Action for the Australian Government

Continue to investigate possible legislative avenues with which it can address dioxins in the environment, as obliged under the Stockholm Convention.

6. WHAT MEASURES DO OTHER COUNTRIES HAVE FOR DIOXINS?

Some countries have implemented standards or levels for dioxins in air, water, soil and other areas including daily human exposure (tolerable daily intake) and levels in food. Examples of the range of guidelines are shown in Table 3 while further information on the range of measures in some countries is provided in Appendix 1.

Air

For emissions from combustion facilities, many countries have adopted the level of 0.1 ng TEQ/m^3 recommended by the World Health Organization (WHO). However, some countries, such as Canada, have set different levels for different industry sectors whether they are new or existing. The USA has a level of 0.2 ng/m^3 and Japan has limits between 0.1 and 5 ng TEQ/m^3.

Soils

There are no common international guidelines for dioxins in soils. Where countries have established guidelines the levels vary according to the land use. Levels in agricultural and residential areas tend to be lower than levels for industrial areas.

Water and sediments

As dioxins are insoluble in water they are very difficult to analyse. Accordingly, very few countries have set guidelines for dioxins in water. However, some countries have set levels for dioxins in sediments with different levels for marine and freshwater.

Biota

Few countries have established guidelines for dioxins in biota. Canada has set levels for mammals and birds.

Foods

There are no common international guidelines for dioxins in foods. The EU has developed standards in EU Regulation (EC) No. 2375/2001 but these only refer to dioxins and furans and do not include dioxin-like PCBs. It is expected that in the future, a new EU standard will encompass dioxin-like PCBs.

Human body burden

A number of countries have established human exposure standards for dioxins, generally referred to as tolerable daily or weekly intakes. Current or proposed tolerable daily intakes (TDIs) range from 1 pg TCDD/kg bw (the Netherlands and Germany), through 4 pg/kg bw (Japan), 5 pg TCDD/kg bw (Sweden, Norway, Finland and Denmark), to 10 pg TCDD or TEQs/kg bw (UK and Canada).

Table 4: Examples of dioxin guideline levels in other countries

AIR[5]	**Levels expressed in TEQs**[6]
Canada	0.1 ng/m^3
UK	1.0 ng/m^3
Ireland	0.1 ng/m^3
US	0.2 ng/m^3
Japan	0.1-5 ng/m^3
SOILS	
Canada	4 ng/kg
USA	1000 ng/kg
Japan	1 ng/kg
Finland	2 ng/kg
Germany	1000 ng/kg
Italy	5000 ng/kg
The Netherlands	1000 ng/kg
Sweden	250 ng/kg
WATER	
UK	0.01 ng/L
US	0.3 ng/L
Japan	0.001 ng/L
SEDIMENTS	
UK	55 ng/kg – saltwater and freshwater
Japan	150 pg/g
The Netherlands	100 ng/kg
HUMAN INTAKE	
Canada	10 pg TEQ/kg bodyweight (bw)/day
UK	10 pg TEQ/kg bw/day
USA	0.006 pg TEQ/kg bw/day
Japan	4 pg TEQ/kg bw/day
Austria	10 pg TCDD/kg bw/day
Denmark	5 pg TCDD/kg bw/day
Finland	5 pg TCDD/kg bw/day
France	1 pg TCDD/kg bw/day
Germany	1 pg TCDD/kg bw/day
Italy	10 pg TCDD/kg bw/day
The Netherlands	1pg TCDD/kg bw/day
Sweden	5 pg TCDD/kg bw/day

[5] Levels shown for air are emission limits for sources.

[6] Countries express the levels of dioxins in different units. To assist in enabling comparisons, the levels for environmental media are shown in ng/m^3 or ng/kg and in pg/kg for human intake.

Appendix 1: Dioxin measures in other countries

New Zealand

In 1995, the New Zealand Ministry for the Environment (MfE) commenced a National Organochlorines Program. The Program assessed the extent of contamination of the New Zealand environment by certain organochlorines including polychlorinated dioxins and furans. The scientific and other reports arising from the Organochlorines Program can be viewed on the MfE's website at http://www.mfe.govt.nz/publications/hazardous/#organochlorines.

Surveys were undertaken of the background level of organochlorines, including dioxins, in environmental media (air, soil, fresh water, estuaries and sediment). The level of dioxins found in the New Zealand environment are generally low compared to other (northern hemisphere) countries for which comparable data has been collected. An inventory of dioxin emissions to air, land, water and reservoir sources has been compiled; a market basket survey of the level of organochlorines in retail foods enabled New Zealanders' dietary intake to be assessed; and a major population-based survey of the levels of dioxin and other organochlorines in the serum of New Zealanders was also undertaken. On the basis of the serum study a dioxin health risk appraisal was undertaken for the New Zealand population.

Air

In October 2001, the MfE released a proposal, *Action Plan for Reducing Discharges of Dioxins to Air*, containing a draft national environmental standard to regulate dioxin emissions from industrial facilities. The original dioxin-specific proposal has now been superseded and integrated into a package of proposed regulations to improve general ambient air quality in respect to other air toxics, including dioxins. Certain combustion activities are to be prohibited, including the open burning of tyres and oil, landfill fires, road-seal burning, new high temperature hazardous waste incinerators, school and hospital incinerators, and the burning of coated wire to recover metals.

Water

A survey of New Zealand's riverine and estuarine environments showed them to be relatively free of dioxins, and markedly lower than concentrations reported in other developed countries.

Soil

There are existing interim soil acceptance criteria for dioxins contained in the Health and Environment Guidelines for Selected Timber Treatment Chemicals (Ministry for the Environment and the Ministry of Health, 1997). It is anticipated that these will be reviewed in tandem with work planned in Australia to develop a possible contaminated soil NEPM for dioxin.

Body

The Ministry of Health in 2002 adopted a new dioxins exposure Interim Maximum Monthly Intake (IMMI) value of 30 pg TEQ/kg body weight/month (approximately 1 pg TEQ/kg body weight /day). This value was established as a result of a WHO reassessment of toxicological data for dioxins. The IMMI represents an approximately 10-fold reduction from what was previously considered to be an "acceptable" level of dioxin exposure. The dioxin criteria recalculation followed the methodology, exposure scenarios and exposure assumptions used in the 1997 Guidelines to derive soil acceptance criteria but replacing the former TDI with the IMMI. In relation to New Zealand, estimated intakes are believed to be currently lower than the WHO range for most of the population, though they appear to have been higher in earlier years.

Canada

Under the *Canadian Environmental Protection Act* (CEPA), the federal *Toxic Substances Management Policy* and the Canadian Council of Ministers of the Environment's (CCME) *Policy for the Management of Toxic Substances*, dioxins are targeted for 'virtual elimination'[7] in the Canadian environment.

In April 1996, the Deputy Minister's Committee of the CCME gave its approval for a task force to work towards assembling the *Canadian Environmental Quality Guidelines* that integrated national environmental quality guidelines for water, soil, sediment, tissue residue and air. The *Canadian Environmental Quality Guidelines* represents the culmination of more than a decade of harmonised, national science-based development work in Canada.

Determination of the Canada Wide Standards (CWS) has focused on anthropogenic sources that are releasing dioxins and furans to the atmosphere and soil in a continuous process. Development of the CWS for dioxins and furans takes into consideration environmental benefits, available technologies, socio-economic impacts, opportunities for pollution prevention and collateral benefits from reductions in other pollutants.

In January 1999 the Federal/Provincial Task Force on Dioxins released the first *Dioxins and Furans and Hexachlorobenzene Inventory of Releases* followed by a revised update published in February 2001, which identified six priority sectors accounting for about 80% of national emissions that have been identified as priorities for action. These are:

- waste incineration
- burning salt laden wood
- residential wood combustion
- iron sintering
- electric arc furnace steel manufacturing
- conical municipal waste combustion.

Air

The CWS, under the *Canadian Environmental Quality Guidelines* for pulp and paper boilers burning salt-laden wood, sets out numeric targets and timeframes for reducing dioxin and furan emissions from new and existing boilers. The dioxin and furan standard for all existing pulp and paper mill boiler emissions will be 0.5 ng/m^3 by 2006 and the standard for new pulp and paper mill boilers will be 0.1$ng/m^{3.}$

Water

There are currently no standards for dioxins in freshwater and marine environments.

Soil

Dioxin and furan contamination in soil is the subject of national guidelines. These guidelines outline ambient or "alert levels" which may be used by jurisdictions as benchmarks for the management and

[7] Virtual elimination is the reduction of releases to the environment of the most dangerous toxic substances to a level below which these releases cannot be accurately measured.

monitoring of dioxins and furans present in the environment. The CWS process has focussed on anthropogenic sources that release dioxins and furans to soil in a continuous process. The development of the standard for dioxins and furans takes into consideration environmental benefits, available technologies, socio-economic impacts, opportunities for pollution prevention and collateral benefits from reductions in other pollutants.

The levels for dioxins and furans in sediment and soil are as follows:

Sediment	
- Freshwater (Interim Sediment Quality Guideline – ISQG)	0.85 ng/kg
- Freshwater (Probable Effect Level – PEL)	21.5 ng/kg
- Marine (ISQG)	0.85 ng/kg
- Marine (PEL)	21.5 ng/kg
Soil	4 ng/kg

Other

The Canadian standard for dioxins and furans in wildlife tissue residue is 0.71 ng/kg for mammals and 4.75 ng/kg for birds.

Canada has also established a tolerable daily intake for dioxins and furans of 10 pg/kg bodyweight per day for people.

United Kingdom

The UK Environment Agency's Strategy, *Managing Chemicals for a Better Environment*, focuses the Agency's chemical management activities on those substances where the Agency can take action to most effectively contribute to environmental improvement. This action may be direct or indirect and may be at any point in the chemical lifecycle. The strategy focuses on chemicals that may directly affect the environment or human health through environmental exposure.

The Environment Agency is currently looking at the risk a chemical poses on the environment; this requires consideration of two factors:

- the hazardous properties of the chemical – e.g. its toxicity
- the likelihood of exposure to that chemical – for example, environmental exposure is likely to be higher for a chemical in wide use across society (e.g. a substance in a domestic cleaning product) than it will be for a chemical used in a few specialist applications at a few chemical plants.

Dioxins have been identified as a group of chemicals listed for further investigation.

The Environment Agency seeks to regulate releases to the environment of dioxin emissions and lower the risk of causing detrimental effects to the environment or human health.

Air

In the UK, dioxin emissions are controlled under the *Pollution Prevention and Control Regulations*, under the *Pollution Prevention and Control Act 1999*. The proposed new European incineration directive will replace three existing directives on the incineration of municipal and hazardous waste, amongst other things, setting a maximum dioxin emission limit of 0.1 ng/m^3 in stack gas. For

combustion processes the recommended limit value is 0.1 ng/m^3 and for various metal processes and papermaking processes, the recommended limit is 1.0 ng/m^3.

Water

The UK standards for dioxins in water are:

Freshwater pelagic community	0.01 ng/l
Saltwater pelagic community	No standard
Freshwater sediment benthic community	55 ng/kg (for 3% OC)
Freshwater sediment benthic community	185 ng/kg (for 10% OC)
Marine sediment benthic community	55 ng/kg (for 3% OC)

Note: OC – Octachlorodibenzo-*para*-dioxin

Pelagic communities are those that live in the water (below the surface and above the seafloor)

Benthic communities are those that live in or on sediments.

Soil

There are currently no standards for levels of dioxins or furans in soil.

Other

The UK Ministry for Agriculture, Fisheries and Foods has established a recommended maximum tolerable concentration of 0.66 ng/kg for dioxins in cows milk.

The UK has adopted a tolerable daily intake for dioxins and furans of 10 pg/kg bodyweight per day for people.

United States

Over the last 20 years, the US EPA has looked for ways to reduce dioxins levels in the environment. Collectively, these actions have resulted in strict controls on all known and quantifiable major industrial sources of dioxin releases. As a result of the EPA's efforts, along with efforts by state government and private industry, known and quantifiable industrial emissions of dioxins in the US have been reduced by more than 90% from 1987 levels.

The EPA undertook a major scientific study entitled, *Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds.* The study is commonly referred to as the EPA dioxin reassessment. The study focuses on sources of dioxins, levels of dioxin-like compounds in environmental media, human exposures to dioxins, information on critical human health end points, mode of action, pharmacokinetics, dose-response and finally, key findings pertinent to the potential hazards and risks of dioxins, including a discussion of all important assumptions and uncertainties.

Air

New stringent regulatory requirements promulgated by the EPA under the authority of the *Clean Air Act* set emission limits for dioxins, and other hazardous air pollutants based on maximum achievable control technology. The EPA has recently regulated dioxin emissions from facilities that burn hazardous waste which include waste incinerators, cement kilns and some lightweight aggregate kilns. For example, the limit for discharges of dioxins and furans from municipal waste incinerators is 0.2 ng/m^3.

Water

Dioxin releases to water are managed through a combination of risk-based and technology-based tools established under the *Clean Water Act*. To maintain the level of drinking water in the country, a maximum contaminant level goal (non-enforceable, voluntary health goal) of zero and a maximum contaminant level of 300 pg/L has been set.

Soil

Under the EPA Superfund, an important aspect is the clean up of dioxin contaminated lands. Around the country there are many Superfund sites which have successfully been cleaned up, however, to prevent further contamination of dioxins to land, the EPA has developed Hazardous Waste Identification and Disposal Rules which identify and strictly limit the disposal options of waste containing dioxins.

The US Public Health Service and the EPA have both issued a directive that 1000 ng/kg is the appropriate criterion to use for dioxins and furans in residential soil.

Wastes

The EPA proposed rules to restrict the use of dioxin-contaminated pulp and paper sludge and guidelines have been developed to limit the dioxin concentration to 31.9 pg/L.

The EPA proposed regulations limiting the dioxin content of cement kiln dust from cement plants and sludge when these by-product materials are used as soil additives.

In October 2003, the US EPA made the decision not to regulate dioxins in land-applied sewage sludge as studies have shown that dioxins from this source do not pose a significant risk to human health or the environment.

Other

The US EPA has set limits on the level of human exposure of dioxins at 0.006 pg/kg bodyweight per day.

Japan

The Law Concerning Special Measures Against Dioxins (the Dioxins Law) came into force in January 2000 to regulate the levels of dioxins in air, water and soil as well as emissions from small incinerators. This law also stipulates basic standards for dioxins in soil. The Dioxins Law stipulates the standards for dioxins as:

Ambient Air	0.6 pg-TEQ/m^3
Water	1 pg-TEQ/L
Sediment	150 pg-TEQ/g
Soil	1,000 pg-TEQ/g
Effluent	10 pg-TEQ/L
Tolerable Daily Intake	4 pg-TEQ/kg bw/day

European Union

The cornerstone of the EU environmental action is the Sixth Environment Action Program entitled *Environment 2010: Our Future, Our Choice* which has the priorities of:

- tackling climate change and global warming
- protecting the natural habitat and wildlife
- addressing environment and health issues
- preserving natural resources and managing waste.

In October 2001, to secure better protection of human health and the environment from the effects of dioxins the Commission adopted a *Communication on a Community Strategy for Dioxins, Furans and Polychlorinated Biphenyls*. The Communication outlines the problem of dioxins, the progress in addressing the problem, the remaining gaps, the basis for community action and develops a strategy to reduce the presence of these compounds in the environment, in feed and food.

Table 4 describes the current guidelines for dioxins applied within Member States of the EU.

Table 5: Current standards and guidelines for dioxins in the Member States of the EU

Country	Incineration of Waste Emissions (I-TEQ/m^3)	Iron/Steel Sintering Emissions (I-TEQ/m^3)	Paper Processing Emissions	Contaminant Soils (I-TEQ/kg)	Water	Fertiliser / Compost (I-TEQ/kg)	Sewerage Sludge	Foodstuffs (TCCD/g)	Daily Human Intake
Austria	0.1 ng	Before 31 Dec 2005 – 0.25 ng After 1 Jan 2005 – 0.1 ng (Electrical arc furnaces 0.4 ng)		No guidelines – in the past were applied to individual cases and were same level as Germany	N	Fertiliser – 50 ng Culture substrates – 20 ng	100 ng I-TEQ/kg	3 ng I-TEQ/kg (feed stock to cows)	10 pg TCCD/kg/bw (A target of 1 pg should be achieved)
Belgium	0.1 ng	New plant – 0.5 ng Existing plant – 2.5 ng			N		0.1 ng I-TEQ m^3	5 pg (foods with >2% fat) 100 pg (foods with ≤2% fat)	No maximum tolerable intake recommended
Denmark	0.1 ng				N				5 pg N-TEQ/kg/bw
Finland	New plant – 1.0 ng Existing plant – limit value 1.0 ng (target value 0.1 ng)			Proposed guideline – 2 ng Limit value – 500 ng (agricultural and residential)	N				5 pg N-TEQ/kg/bw
France	0.1 ng (new and existing)		1 ng I-TEQ/year		N			5 pg I-TEQ/g (milk and milk products)	1 pg I-TEQ/kg/bw
Germany	0.1 ng	0.1 ng	0.1 ng I-TEQ m^3	Agriculture – 5 ng – 40 ng Playgrounds – 100 ng Residential areas – 1,000 ng Industrial areas – 10,000 ng	N	Compost – 17 ng	100 ng	5 pg I-TEQ/kg (milk) 0.9 pg I-TEQ/kg (milk fat)	1 pg I-TEQ/kg/bw

Ireland	0.1 ng	0.1 ng	0.1 ng I-TEQ m^3		N				
Italy	0.1 ng			Farmable – 750 ng/m^2 Non-farmable – 5,000 ng/m^2	Zero emissions into the Venice Lagoon				10 pg I-TEQ/kg
Luxembourg	0.1 ng	0.1 ng	0.1 ng I-TEQ m^3		N				
The Netherlands	0.1 ng	0.4 ng		Residential and agricultural areas – 1,000 ng Dairy farming – 10 ng	Aquatic sediments – 100ng	Compost – 63 ng I-TEQ/kg	190 ng I-TEQ/kg	6 pg I-TEQ/kg (milk and milk products)	10 pg (Government striving towards a maximum daily intake of 1 pg)
Portugal	0.1 ng	N	N	N	N	N	N	N	N
Spain	0.1 ng	N	N	N	N	N	N	N	N
Sweden	New – 0.1 ng Existing – 0.1 to 2 ng		Use of chlorine in production has stopped	Land with sensitive use – 10 ng Land with less sensitive use – 250 ng	250 ng I-TEQ/kg for groundwater extraction			Various dietary guidelines exist for certain types of food	5 pg TEQ/kg/bw
United Kingdom	1.0 ng (with the objective of achieving 0.1ng)	1.0 ng	1.0 ng					0.66 ng (whole milk) 16.6 ng (milk fat)	10 pg

Source: European Commission DG Environment and UK Department of the Environment, Transport and the Regions, *Compilation of EU Dioxin Exposure and Health Data – Task 1 – Member State Legislation and Programmes*, Oxfordshire, 1999

N: There is no dioxin related legislation that goes beyond the requirements of the relevant EC Directives

Appendix 2: Comments received on the draft NAP from public consultation

No.	Name and contact details	Comments	Response
1	Samuel Barber General Manager Redbank Power PO Box 311 SINGLETON NSW 2330	There is mixed discussion on the highest emitters of dioxins – section 1.2 implies that power generation, waste incineration and metal smelting are the major contributors, yet in section 2 it shows that uncontrolled and controlled combustion of biomass and forests are the major sources of dioxins.	Section 1.2 has been revised to address this comment.
2 and 11	Colin Trinder and Apares Chakrabarti Environmental Stewardship Department of Defence Brindabella Park Offices CANBERRA AIRPORT ACT	There is no mention about open air burning for disposal of munitions, explosives and packaging as a potential source of dioxins.	Open air burning of munitions, explosives and packaging is not listed as a source of dioxins in the Stockholm Convention on Persistent Organic Pollutants. The Department of the Environment and Heritage (DEH) will discuss this matter with the Department of Defence and UNEP.
		Defence has specific requirements to dispose of specialised chemicals by burning, for which no alternative technology is available at present. Defence will assist in developing the Best Available Technology (BAT) and Best Environmental Practice (BEP) to replace the conventional burning methodology and assist in the areas of evaluation and testing of technology and practice.	DEH will seek the Department of Defence's advice on this area for input into international work on developing BAT and BEP guidelines under the Stockholm Convention.

		Development of a quick guide (nomograph) to work out the emission of dioxin from burning various substances would assist practitioners to check in advance the expected emission levels at sources promptly and virtually at no cost. This nomograph may also assist the designers to scale up any scrubbing system correctly for the existing facility, where required.	DEH will consider this suggestion in preparing Australia's input into international work on developing BAT and BEP guidelines under the Stockholm Convention.
		For more precise determination of the emissions level, appropriate measurement techniques should be developed and some guidance on how to control emissions would be desirable.	DEH will consider this suggestion in preparing Australia's input into international work on developing BAT and BEP guidelines under the Stockholm Convention.
		The lab facilities of testing and analysis must be available in Australia at an affordable cost for the success of this program	The National Measurement Institute is the only laboratory in Australia that is NATA accredited to undertaken dioxin analysis.
		Some thoughts need to be given in regard to how to fix the contamination that has already occurred in air, soil and groundwater, as a result of dioxin being generated unintentionally over centuries (legacy sites).	The National Environmental Protection (Assessment of Site Contamination) Measure provides a nationally consistent approach for assessing contaminated sites. This NEPM is currently under review.
		It is not clear how dioxin will interact in the atmosphere and its fate and transportation characteristics in air, soil and groundwater. It is also not clear how dioxin may impact on human health and enter into the environment, including flora and fauna and its exposure pathways.	As the information addressing these matters is discussed in the National Dioxins Program Technical Reports on Ecological Risk Assessment and Human Health Risk Assessment for Dioxins it was considered unnecessary to repeat this information in the National Action Plan. However, section 1.1 has been amended to include a reference to these reports.
		Very little is known about the epidemiological characteristics of dioxin and the methodology for estimation of human health risks. Some guidance may be useful.	As the information addressing these matters is discussed in the Human Health Risk Assessment for Dioxins it was considered unnecessary to repeat this information in the National Action Plan.

		More information on the acceptable ecological levels particularly for soil, groundwater, plant ingestion and plant uptake would be helpful. More guidance would be needed for the assessment, management and risk based remediation of dioxin related contamination, and development of EIL, HIL and acceptance criteria for clean up.	These comments will be referred to the current review of the Assessment of Site Contamination NEPM.
3	Jeffrey Rabbidge Principle Environmental Scientist Environmental Resources Management Australia PO Box 1400 SPRING HILL QLD 4004	Sections 5.2-5.4 soils, water, sediment In determining levels for soils, water and sediment, conventional derivation protocols and techniques should be used, however, data may already be available overseas to derive these trigger levels. The methodology will need to be transparent and available to the general public and need to take into account background levels of exposure from other sources.	The comments related to soils will be referred to the current review of the National Environment Protection (Assessment of Site Contamination) Measure 1999. The comments on water and sediment would be considered in future reviews of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality.
		Section 5.5 Biota monitoring It should be acknowledged that the fauna study (NDP Technical Report No. 7) is statistically challenged and of very limited utility for determining current concentrations of dioxins in Australian fauna or for use in comparisons of temporal trends over time. Further studies are required for these purposes.	The comments on surveying dioxins in biota would be considered should further studies be undertaken in future.

		Further studies on biota might potentially provide information on the levels of dioxins in Australian biota, and whether source-directed measures are having an effect at reducing these levels. However, such monitoring source-directed measures should only be considered when it could be statistically robust, specific to a known source, not diluted within ambient variability or influenced by historical sources. The time scale for detecting change could be extensive given the lengthy environmental persistence of these chemicals. It might be possible to exclude historical sources of dioxins from confounding monitoring programs, or incorporating this variability into the study, if that is the question to be addressed by the study.	The comments on surveying dioxins in biota would be considered should further studies be undertaken in future.
4	Richard Hoy Energy Supply Association of Australia 2/451 Little Burke Street MELBOURNE VIC 3000	Section 3 - include a note about the cooperation of industry in monitoring and reducing dioxins emissions	Section 3 has been amended to reflect these comments.
		Section 4 - clarify description of the term BAT/BEP	Section 4 has been amended to reflect these comments.
		Section 5.1 - include a table showing sources of dioxins in Australia e.g. a table from the National Dioxins Program, Technical Report no 3 'Inventory of Dioxin emissions in Australia'.	A table has been included in the Appendices.
5	Volker Maier Nufarm 103 Pipe Road LAVERTON NORTH VIC 3026	Section 5.1 – a national guideline of 0.1ng TEQ/m^3 should be set for NEW combustion facilities. Setting a guideline for all facilities, including existing, will result in a large amount of high cost analysis and lead to existing facilities exceeding limits.	The proposed action related to guidelines has been amended to include reference to new facilities and existing facilities when they are upgraded.
		Section 4 - text about BAT/BEP needs to be consistent with Article 5 of the Stockholm Convention	Section 4 has been amended to reflect these comments.

		Section 5.2 - For contaminated sites, a single investigation level could cause unnecessary investigation and actions for industrial site. There should be encouragement to use 'indicators' pointing to potential dioxin contamination. If this is not included, then the potential is that just about every land transfer will call for dioxin analysis; a totally unnecessary cost burden on the community.	Section 5.2 - comments related to soils will be referred to the current review of the Assessment of Site Contamination NEPM.
6	Combined submission from following environment groups: Allergy, Sensitivity and Environmental Health Association Alliance for a Clean Environment Contaminated Sites Alliance Greenpeace Australia Pacific National Toxics Network Total Environment Centre WWF Australia	Elimination of POPs: Elimination rather than control of all POPs must be the goal. Prevention and phase-out programs must be prioritised, rather than end-of-pipe measures.	It is not feasible to completely eliminate all production of dioxins.
		Section 5.11 - Environment Protection and Biodiversity Conservation Act trigger: The Environment Protection and Biodiversity Conservation Act (Cth) (EPBC Act) should be amended to include a trigger for the Stockholm Convention.	The inclusion of a trigger for dioxins under the EPBC Act will be considered as part of the review to determine if additional matters of national environmental significance should be included in the Act.
		Principles of substitution and elimination: The substitution principle (substitute materials, products, and techniques) must be implemented to prevent formation and release of POPs. Priority must be given to avoiding and preventing new facilities that yield unintentional POPs by-products (e.g. dioxins), while phasing out existing ones.	The BAT and BEP guidelines being developed under the Stockholm Convention promote the use of alternative processes, products and techniques aimed at reducing and where feasible, eliminating dioxin releases.
		Section 5.1 - Avoiding and phasing out incineration: Incineration must be avoided and phased out through alternative waste management.	The BAT and BEP guidelines being developed under the Stockholm Convention promote the use of alternative processes, products and techniques aimed at reducing and where feasible eliminating dioxin release.

		Section 5.6 - Requirement of totally chlorine free pulp mills: All bleached pulp mills should be totally chlorine free (TCF). Pulp mills that are elemental chlorine free (ECF) or require the use chlorine should be phased out and the construction of new mills that use chlorine or chlorine compounds banned.	The Stockholm Convention draft BAT and BEP guidelines for pulp production does not prescribe a preferred production process. However, it notes that to decrease or eliminate the formation of dioxins in wood and non-wood bleaching processes there are a number of measures which could be adopted including eliminating elemental chlorine by replacing it with chlorine dioxide (elemental chlorine-free bleaching) or in some cases with total chlorine-free processes. Any proposals for new pulp mills would be assessed against the Stockholm guidelines and against the pulp mill guidelines recently revised by the Tasmanian Government.
		Human and environmental monitoring for POPs: A monitoring program must be established to examine the body burden of POP chemicals.	Future monitoring of dioxins would be undertaken subject to funding resources. The Food Regulation Standing Committee would support the repeat of the dioxin dietary exposure survey in ten years.
7	Kimberly-Clark Australian Pty Limited Dr Harley Wright 52 Alfred Street MILSONS POINT NSW 2061	Section 5.1 - The principle for adoption the level of 0.1 ng m^3 be reassessed and substantiated, as this limit is not based on risk-based considerations, rather based purely on potentially achievable technical levels. The risk of harm should be the key principle for setting acceptable ambient dioxin concentrations. Question the adoption of the level of 0.1 ng m^3 on the basis that it has been accepted internationally. If the ambient levels do not exceed the unacceptable threshold, a case will need to be made if levels are to be prescribed for specific emitters. If there is not a problem, there would seem no basis for regulation.	The level of 0.1 ng m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already. Monitoring of ambient levels of dioxins will impose higher costs on the community.
		Section 5.3, 5.4 and 5.10 - Support the principle of using acceptable risk as the basis for setting maximum ambient levels in food and water and sediments.	These comments would be considered in future surveys of food and in reviews of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality..

		Section 4 - We recommend that the principles for imposing a BAT limit on dioxin emissions be carefully assessed and provided. They should incorporate a consideration of the risks, the costs and the benefits.	BAT is an accepted approach to setting dioxin emission limits and is followed in most jurisdictions.
8	Carter Holt Harvey Limited Murray Parrish 640 Great South Road Manukau City AUCKLAND NEW ZEALAND	Section 4 - Concerned that the regulatory effort directed toward dioxin assessment and review is disproportionate to the actual risk of dioxin in Australia and relative to other environmental risks. As there are low risk of environmental and health effects, the continued decline in emissions of dioxins and the high cost of monitoring for dioxins combine to suggest that new or additional regulation of dioxins in Australia is unwarranted.	The approach adopted takes these considerations into account.
		Review Australia's National Dioxins Program to place greater emphasis on the environmental effects of any particular discharge of dioxin. References to 'permissible' levels of dioxin emission should be deleted in favour of references to adoption of BAT and BEP determined in the context of the particular emission or discharge.	The current approach is to set emission standards guided by BAT and BEP considerations. This is followed in most jurisdictions.
		Review the report recommendations with respect to dioxin emissions from biomass sources in the context of consequential and other effects adversely increasing if biomass combustion is constrained.	Research currently underway will contribute to improved knowledge about dioxin emissions from bushfires.
		Amend the reports recommendations to reflect the investment being made in particulate emissions regulation and control.	A note about industry contribution to reducing dioxin releases has been included in Section 3.
		The need for direct monitoring and regulation of dioxin should be identified as unnecessary where other factors such as particulate emission regulation will act to constrain dioxin emissions.	This matter should be resolved through the setting of individual licence conditions.

		Section 5.6 - Amend the proposed actions with respect to dioxin discharges in pulp mill effluent to remove reference to a specific emission level. If particular guidance is required for the management of dioxin from particular sources such as pulp mill waste water, it may be appropriate to define BAT/BEP for that type of discharge, perhaps allowing for a 10 year review of any limit.	The levels for dioxins in pulp mill effluent have been recommended in the recent review by the Tasmanian Government of the Pulp Mill Guidelines.
		Section 5.7 - Does not support dioxin as a reporting obligation under NPI. If national dioxin emissions inventory is required, then we recommend research into the accuracy of determining dioxin emissions by proxy, for example through the measurement reporting of particulate. There is little justification for imposing NPI obligations reporting based on volume thresholds, and the risk of distortion of business decision making to avoid arbitrary thresholds.	Dioxins are currently reported under the National Pollutant Inventory (NPI). A recent review of the NPI has recommended reporting of dioxins in toxic equivalents (TEQs). These comments will be considered in the response to the review.
		Section 5.11 – The National Action Plan identifies that the risk to Australians and Australian Biodiversity from dioxin emissions is low and falling. There therefore appears to be little justification for requiring legislative approval under the Environment Protection Biodiversity Conservation Act 1999 for dioxin emissions.	The inclusion of a trigger for dioxins under the EPBC Act will be considered as part of the review to determine if additional matters of national environmental significance should be included in the Act.
		The report highlights the significant reductions in dioxins emissions at source arising from other regulatory and community health initiatives.	Noted.

9	A3P Miles Prosser Level 3, Tourism House 40 Blackall Street BARTON ACT 2600	The Action Plan should be comprehensive in its scope and continue the current path towards a steady reduction in the already low level of dioxin emissions, including through encouraging low dioxin emissions at the time of investment or upgrade of industrial plants.	Agreed. This is the approach adopted by the Action Plan.
		The Plan should avoid costly measurement regimes and enforcing emission levels in existing facilities that will be replaced by cleaner technology in the normal capital replenishment cycle. A3P supports guideline ambient levels based on risk assessment.	Ambient levels are not usually used for regulating dioxins. Measurement requirements for industry are a matter for individual licences.
		Setting dioxin emission levels for point sources and then presumably requiring some form of monitoring and reporting to ensure compliance could create a substantial cost for industry. Significant costs seem out of proportion given that dioxin levels are currently low and existing Government actions appear to be driving them lower.	Measurement requirements are a matter for individual licences. Emission levels are already party of policy and/or practice in most jurisdictions.
		Section 5.1 - The proposal to set a blanket emission level for dioxins to air of 0.1 ng TEQ/m3 seems unjustified. It does not seem to be based on likely risk from such a level. A3P considers that risk assessment should be the primary basis for action.	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.

Section 5.1, 5.3 and 5.4 - It is recommended that where the plan proposes to "consider including a level for dioxins", for both ambient levels and emissions, that this be limited by: "if it can be demonstrated that the benefits of including a level exceed the costs of measurement, reporting and compliance". Furthermore, there should either be an additional action (or existing actions should be expanded) to include: "To enable efficient monitoring and compliance, methods should be developed that allow the estimation of dioxin emissions based on process, technology and activity levels" rather than laboratory analysis.	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.
Section 5.1 - A similarly flexible approach should be employed in the National Dioxins Plan given the potentially high cost of determining whether existing facilities meet the proposed level and the additional cost of re-engineering if required. A flexible approach would seem particularly appropriate given the current low dioxin levels.	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.
Section 5.1 - It is recommended that the proposed action on national guidelines for dioxins emissions from combustion facilities be expanded to include: "The guidelines should allow flexibility. They should consider the relative contribution of each source and the costs of compliance particularly when applied to existing facilities."	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.
A3P is supportive of the overall approach outlined in the National Action Plan for addressing dioxins in Australia.	Noted.

		The greatest reductions in dioxins will be achieved through the application of Best Available Techniques and Best Environmental Practices for new facilities and upgrade of existing facilities.	Agreed.
10	Food Regulation Standing Committee C/-Department of Health and Ageing GPO Box 9848 CANBERRA ACT 2601	Section 5.10 - Given the current low public health risk associated with food sources, the Food Regulation Standing Committee (FRSC) decided that setting maximum levels and generally expected levels for dioxins in food is not appropriate at this stage.	Section 5.10 has been amended to reflect this decision.
		Section 5.10 - FRSC would support the repeat of the dioxin dietary exposure survey in ten years, contingent on future decisions about funding and the lead agency. Should a future survey show that source-directed measures have been ineffective in reducing dioxin levels in foods, FRSC will give further consideration to establishing levels for dioxins in food.	Section 5.10 has been amended to reflect this decision.
11	See comments under 2		
12	Clean Air Society of Australia and New Zealand Queensland Branch Dr Ken Verrall 449 Whitehorse Road BALWYN VIC 3103	Section 5.1 - Strongly supports the adoption of the 0.1 ng TEQ/m^3 level as a national guideline for dioxin emissions from combustion facilities; however, clarification on the industries covered under this criterion is recommended.	Noted.
		Section 4 - Strongly supports the use of the recommendations in the Stockholm Convention BAT and BEP guidance for new facilities and for existing facilities	Noted.

		when they are upgraded.	
		Section 5.1 - To improve our knowledge on emissions from Australian industry sources, strongly encourages the use of licence requirements to provide mass emission and concentration data that will assist in improving the knowledge base on emissions from sources shown to have a high level of uncertainty in emission estimates. For example, the zinc production and metal sintering sectors.	The suggestion to use licence requirements to provide mass emission and concentration data can be considered by individual jurisdictions.
		Section 5.1 - Strongly supports the use of existing measures aimed at reducing particle emissions from woodheaters. However, given the recognised health impacts from exposure to woodheater emissions, CASANZ strongly encourages intergovernmental measures and strategies to reduce the overall use of woodheaters, for example restricting woodheater installation in new housing developments and/or phasing out the use of woodheaters within given timeframes.	These suggestions would be considered in the context of activities related to improving the use of woodheaters.
		Section 5.1 - Given the costs associated with dioxin sampling, CASANZ supports the monitoring of overseas research looking at emissions of dioxins from diesel, LPG and CNG vehicles to determine whether further action is required in Australia.	Noted.
		Section 5.1 - Strongly supports further research into dioxin emissions from bushfires to provide firmer evidence on whether bushfires are the actual source, or whether dioxins are re-suspended from the soil during a fire. The research that has been performed in Australia is excellent and CASANZ recommends continued support of research programs to maintain Australia's status as a leading authority.	Research currently underway will contribute to improved knowledge about dioxin emissions from bushfires.

		Section 5.1 - Supports the detailed study into assessing the relative priority of dioxins, for possible inclusion into the Air Toxics NEPM.	Noted.
		Dioxins have been an emotive issue and CASANZ recommends supporting the Action Plan with public awareness and education programs.	This issue will be taken up in the Stockholm Intergovernmental Forum.
13	Australasian Fire Authorities Council Mark Chladil GPO Box 1526 HOBART TAS 7001	AFAC members want to see both the positive and negative aspects of smoke resulting from both planned and unplanned use of fire discussed in the development and justification of public policy and so the breadth of the National Action Plan proposals are supported.	Noted.
		AFAC supports the recognition that dioxins will be released from burning vegetation irrespective of the legal or operational status of the fire, and that the release by fire will be inevitable in most vegetation types across the continent. Given the experience of large fires in recent times, it is neither practical nor desirable for the final version of the National Action Plan to become focussed on removal of fire from the landscape.	Noted.
		Improved knowledge about fire and smoke will allow improved management of the smoke from both planned burns and bushfires and AFAC members are committed to using the best practices in their use of fire for land management and in fire suppression.	Noted.
14	Nick Pastalatzis 132 Glengala Road WEST SUNSHINE VIC 3020	Section 5.1 – the EPHC should be advised when prescribed burning will be taken place to reduce exposure to human health.	The EPHC itself is not in a position to be advised when prescribed burning takes place, but State bushfire authorities work closely with environment protection agencies to ensure hazard reduction control burns minimise the impact on human health.

		Section 5.8 - To discourage further cigarette smoking, ban the farming of tobacco, specifically in areas adjacent to major river systems such as the Murray and Darling Rivers.	The suggestion to ban tobacco growing is outside the scope of the Dioxins Action Plan.
		Section 1, Table 1 – include a definition of TEF and NATO CCMS	These terms have been included in the glossary.
		Unit of measurement table – include information on levels of dioxins which will impact on human health	This information is discussed in the National Dioxins Program Technical Report on Human Health Risk Assessment for Dioxins.
		Section 5.1 – further public education campaigns should be used to discourage the use of domestic woodheaters. For example, keeping the heated areas to the rooms that are used and ensure better insulation.	State and Territory governments will continue with their campaign to gain further public awareness of the impact of woodheaters on the environment.

References

Australian and New Zealand Environment and Conservation Council/Agriculture and Resource Management Council of Australia and New Zealand (1994), *Guidelines for Sewerage Systems – Acceptance of Trade Waste (Industrial Waste).*

Australian and New Zealand Environment and Conservation Council (1996), *Hexachlorobenzene Waste Management Plan*, Canberra http://www.deh.gov.au/industry/chemicals/scheduled-waste/hcbplan.html.

Australian and New Zealand Environment and Conservation Council (1999), *Polychlorinated Biphenyls Management Plan*, Canberra http://www.deh.gov.au/industry/chemicals/scheduled-waste/pcbs/index.html.

Australian and New Zealand Environment and Conservation Council (1999), *Organochlorine Pesticides Waste Management Plan*, Canberra http://www.deh.gov.au/industry/chemicals/scheduled-waste/ocps/ocpplan.html.

Australian and New Zealand Environment and Conservation Council (2000), *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*.

Australian and New Zealand Environment and Conservation Council, *National Strategy for the Management of Scheduled Waste* http://www.deh.gov.au/industry/chemicals/scheduled-waste/strategy.html

Commonwealth of Australia Air Toxics Program Technical Advisory Group (2000), *Report on Prioritisation of Air Toxics*, Melbourne

Commonwealth of Australia (1995), *Environmental Guidelines for New Bleached Eucalypt Kraft Pulp Mills*, Australia

Department of the Environment and Heritage (2004) *National Dioxins Program Technical Reports* http://www.deh.gov.au/settlements/chemicals/dioxins/index.html

1. Dioxins emissions from Bushfires in Australia
2. Dioxins emissions from Motor Vehicles in Australia
3. Inventory of Dioxin emissions in Australia 2004
4. Dioxins in Ambient Air in Australia
5. Dioxins in Soils in Australia
6. Dioxins in Aquatic Environments in Australia
7. Dioxins in Fauna in Australia
8. Dioxins in Agricultural Commodities in Australia
9. Dioxins in the Australian Population: Levels in Blood
10. Dioxins in the Australian Population: Levels in Human Milk
11. Ecological Risk Assessment of Dioxins in Australia
12. Human Health Risk Assessment of Dioxins in Australia

Environment Protection Biodiversity and Conservation Act 1999 http://www.deh.gov.au/epbc/index.html

Department of the Environment and Heritage (1998) *Guide to Controlled and Other Wastes under Australia's Hazardous Waste Act, Information Paper No. 4, June 1998*, (Prepared by the Hazardous Waste Section of Environment Australia as guidance for the operation of the *Hazardous Waste (Regulation of Exports and Imports) Act 1989).*

Department of the Environment and Heritage, Hazardous Waste Website – http://www.deh.gov.au/industry/chemicals/hwa/index.html

National Environment Protection Council, *Guidelines on Health Based Investigation Levels, National Environment (Assessment of Site Contamination) Measure, Schedule B (7A), 1999*

National Environment Protection Council, *National Environment (Ambient Air Quality) Measure 1998* http://www.ephc.gov.au/nepms/air/air_nepm.html

National Health and Medical Research Council (2002), *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians*, Canberra

Department of the Environment and Heritage, *National Pollutant Inventory* Website http://www.npi.gov.au/index.html

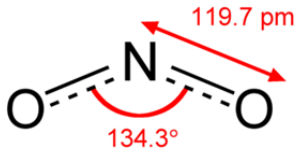
Department of Agriculture, Fisheries and Forestry, *National Residue Survey* Website http://www.affa.gov.au/content/output.cfm?ObjectID=D2C48F86-BA1A-11A1-A2200060B0A05746&contType=outputs

Natural Resource Management Ministerial Council (2003) *Guidelines for Sewerage Systems Biosolids Management –2004*, Canberra

Product Stewardship (Oil) Amendment Regulations 2003 (No 1) http://www.deh.gov.au/industry/waste/oilrecycling/index.html

Food Standards Australia and New Zealand, *Total Diet Survey* http://www.foodstandards.gov.au/mediareleasespublications/publications/19thaustraliantotaldietsurveyapril2001/19thaustraliantotaldietsurvey/

UNEP (2004) *Guidelines on best available techniques and provisional guidance on best environmental practices relevant to Article 5 and Annex C of the Stockholm Convention on Persistent Organic Pollutants*, http://www.pops.int/documents/batbep_advance/default.htm



Nitrogen Dioxide

The following information has been sourced from the Australian National Health and Medical Research Council (NHMRC), the Australian National Environment Protection Council (NEPC), World Health Organisation (WHO) and United States Environment Protection Authority (USEPA).

Chemical Identification

Synonyms: dinitrogen tetroxide, nitrogen peroxide, nitrogen tetroxide, and nitrogen oxide.

CAS: 10102-44-0

Molecular Formula: NO_2

Molecular Weight: 46.01 g/mol

General

Nitrogen dioxide (NO_2) is a colourless, non-irritating, odourless and non-flammable gas (ATSDR, 2011).

NO_2 is formed naturally in the atmosphere in substantial quantities, from sources including the oxidation of atmospheric nitrogen by lightning, oxidation of ammonia, releases from the soil and ocean and naturally occurring bushfires. It can also be formed as by-product of human activity, in particular, from the combustion of fuel in mobile and stationary sources and, to a lesser extent, from chemical manufacturing.

NO_2 can react with other compounds in the air to form inorganic and organic nitrates, such as nitric acid and peroxyacetyl nitrate (PAN) respectively. It is also a major initiator of photochemical smog and is a component of brown haze (enHealth, 1997).

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of contaminated air, but exposure by oral pathways can cause systemic effects (ATSDR, 2011).

Ambient concentrations of NO_2 in air are variable, with natural background concentrations ranging from <1 µg/m^3 to >9 µg/m^3. In urban environments, the annual average concentrations can range from 20 to 90 µg/m^3, with the hourly maximum concentrations ranging from 75 to 1000 µg/m^3. Concentrations of NO_2 in indoor air can reach average concentrations of 200 µg/m^3 over a number of days, with an hourly maximum concentration of 2000 µg/m^3 where there are unvented appliances and poor ventilation (WHO, 1994).

From 1996 to 1998, maximum one-hour NO_2 concentrations in Sydney ranged from 90 µg/m3 (Oakdale and Vineyard) to 250 µg/m3 (Lidcombe). Concentrations in regional areas were reported to be less than urban areas (NSW EPA, 2012).

Non-Carcinogenic Health Effects

A variety of health effects were identified as being associated with exposure to NO_2. Exposure appears to decrease lung function and irritate the lower respiratory tract, both directly and indirectly (enHealth, 1997). NO_2 exposure is thought to damage the lungs in three ways:

1) It is converted to nitric and nitrous acids in the distal airways, which directly damages particular structural and functional lung cells.

2) It initiates free radical generation, which results in protein oxidation, lipid peroxidation and cell membrane damage.

3) It reduces resistance to infection by altering macrophage and immune function.

There could also be an immediate response to NO_2 exposure, including coughing, fatigue, nausea, choking, headache, abdominal pain and difficulty breathing. If no symptoms are experienced for 3 to 30 hours, it may still be followed by pulmonary edema systems, with anxiety, mental confusion, lethargy and loss of consciousness.

Additionally, this may be followed by bronchiolitis obliterans (fibrous obstruction of the bronchioles) several weeks later. Any of these phases can be fatal (ATSDR, 1997).

If absorbed, NO_2 can lead to a weak rapid pulse, dilated heart, chest congestion and circulatory collapse. Skin moisture in contact with liquid NO_2 or high concentrations of its vapour can result in nitric acid formation, which may lead to second-and third-degree skin burns. Nitric acid may also cause yellowing of the skin and erosion of dental enamel.

Asthmatics, the elderly, children and people with existing cardiovascular and respiratory disease are particularly susceptible to the effects of NO_2 (NEPM, 2010).

It should be noted that the health impacts depend significantly on both the duration of exposure as well as the concentration of NO_2 to which they are exposed (NEPM, 2010).

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by NHMRC, WHO, NEPC and USEPA are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

USEPA has evaluated the non-carcinogenic oral toxicity data for NO_2. The USEPA has withdrawn the RfD because NO_2 does not exist per se in water, since it reacts instantaneously with water to form nitric and nitrous acids. In the presence of alkali (pH > 7), nitrates and nitrites are formed, respectively, from nitric and nitrous acids. RfDs presently exist for nitrates and nitrites and can be found in the respective Integrated Risk Information System (IRIS) and International Toxicity Estimates for Risk (ITER) files.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 1 Published Guideline values for Nitrogen Dioxide

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
NHMRC	0.32 (1hr)	enHealth, 1997	-	-	-	NHMRC, 1996. Ambient Air. Converted from 0.16 ppm.
WHO	0.2 (1-hour mean) 0.04 (annual average)	WHO, 2005b	Slight changes in lung function in asthmatics	Human	0.5	WHO, 1997
NEPC	0.243 (1 hr) 0.0608 (1 yr)	NEPM, 2003	-	-	-	Converted from 0.12 ppm (1 hr) and 0.03 ppm (1 yr).
USEPA	0.203 (1 hr) 0.107 (1 yr)	NAAQS	-	-	-	Converted from 100 ppb (1 hr) and 53 ppb (1 yr).

NHMRC - National Health and Medical Research Council
WHO – World Health Organisation
NEPC – National Environment Protection Council
NAAQS – National Ambient Air Quality Standards

Carcinogenicity and Genotoxicity

No data was available.

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with inhalation exposure to carbon monoxide, AECOM has adopted the WHO (2005b) guideline values.

References

ATSDR, 2011. *Medical Management Guidelines for Nitrogen Oxides (NO, NO_2, and others)*. Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine. March 2011.

enHealth, 1997. *Nitrogen dioxide – National Environment Health Monographs, Air Series No.3.* National Environment Health Form. 1997

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

NEPC, 2003. *National Environment Protection (Ambient Air Quality) Measure*. National Environment Protection Council. July 2003.

NEPC, 2010. *Review of the National Environment Protection (Ambient Air Quality) Measure – Discussion Paper Air Quality Standards*. National Environment Protection Council. July 2010.

NEPC, 2010. *Review of the National Environment Protection (Ambient Air Quality) Measure – Discussion Paper Air Quality Standards.* National Environment Protection Council. July 2010.

NSW EPA, 2012. *NSW Air Monitoring Plan – 3.1 The Sydney Region.* March 2012. Accessed December 2012. http://www.environment.nsw.gov.au/air/nepm/301sydney.htm.

OEH, 2012. *About Air Quality Monitoring*. N.S.W Office of Environment and Heritage. August 2012.

USEPA, 2012. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed December 2012.

WHO, 1994. *Updating and Revision of the Air Quality Guidelines for Europe - Inorganic air pollutants*. Regional Office for Europe, World Health Organization, Copenhagen.

WHO, 1997. *Nitrogen Oxides*. Environmental Health Criteria 188. World Health Organization, Geneva. 1997

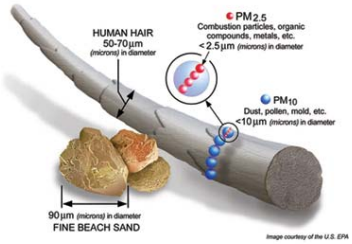
WHO, 1999. *Air Quality Guidelines for Europe*. WHO Regional Publications, European Series. World Health Organization, Regional Office for Europe, Copenhagen. 1999

WHO, 2000a. *Guidelines for Air Quality*. World Health Organisation. Geneva. 2000

WHO, 2000b. *Air Quality Guidelines for Europe – Second Edition*. WHO Regional Publications, European Series. World Health Organization, Regional Office for Europe, Copenhagen. 2000

WHO, 2005a. *WHO Air Quality Guidelines for Particulate Matter, Ozone, Nitrogen Dioxide and Sulfur Dioxide – Global Update 2005, Summary of Risk Assessment*. World Health Organization, Geneva. 2005

WHO, 2005b. *WHO Air Quality Guidelines Global Update 2005.* Report on a working group meeting, Bonn, Germany, 18-20 October 2005.



Particulate Matter ($PM_{2.5}$ and PM_{10})

The following information has been sourced from the Australian National Environment Protection Council (NEPC), World Health Organisation (WHO) and United States Environment Protection Authority (USEPA).

General

The NSW Office of Environment and Heritage (NSW OEH) measures particulate matter (PM) as PM_{10} (particles less than 10 micrometers in diameter) and $PM_{2.5}$ (particles less than 2.5 micrometers in diameter). PM is typically classified by size, with larger particles usually settling out of the air quicker than smaller particles. PM can be in a solid or liquid form.

Examples of PM_{10} include dust, pollen and mould, while $PM_{2.5}$ includes combustion particles, organic compounds and metals. Particulate matter may be primary pollutants that are emitted directly from a source, such as construction sites, unpaved roads, fields, smokestacks or fires. A secondary pollutant is formed from the atmospheric chemical reaction of gaseous pollutants (USEPA, 2012).

Human activities resulting in PM in the air include mining; burning of fossil fuels; transportation; agricultural and hazard reduction burning; the use of incinerators; and the use of solid fuel for cooking and heating.

WHO (2005b) states that “The evidence on airborne particulate matter (PM) and its public health impact is consistent in showing adverse health effects at exposures that are currently experienced by urban populations in both developed and developing countries”.

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of air containing PM.

Concentrations of PM in air are highly variable. In some areas very high levels occur naturally due to wind-blown dust from arid soils. Human activities, such as fires, overgrazing, agricultural practices and mining, can increase particle concentrations in air in remote areas.

In Western Europe and North America efforts to control emissions of particulate matter have generally resulted in lower levels of particles in ambient air. In many cities the annual average concentrations of PM_{10} are in the range 20 to 50 mg/m^3 for ambient air (WHO, 1994). However, annual average concentrations in some cities in Eastern Europe and in some developing countries can be above 100 mg/m^3. Concentrations of $PM_{2.5}$ are usually about 45% to 65% of the concentrations of PM_{10}.

From 1996 to 1998, maximum 24-hour PM_{10} concentrations in Sydney ranged from 0.050 mg/m^3 (Lidcombe) to 0.092 mg/m^3 (Bringelly). Concentrations in regional areas were reported to be less than urban areas (NSW EPA, 2012).

Non-Carcinogenic Health Effects

WHO (2005b) considers that the risk for various health effects has been shown to increase with exposure to PM and there is little evidence to suggest a threshold below which no adverse health effects would be anticipated. There is substantial inter-individual variability in exposure to PM and in the response resultant from a given exposure, and therefore WHO (2005b) considers that it is unlikely that any standard or guideline value will lead to complete protection for every individual against all possible adverse health effects of PM.

The size of a particle is directly linked to their potential for causing human health problems. Coarse particles (2.5-10 µm) are usually deposited in the upper respiratory tract (e.g. nose or throat) and fine particles (<2.5 µm) travel to the lower respiratory tract (e.g. lungs) (WHO, 2000). Health implications from PM exposure include:

- Premature death in people with health or lung disease;
- Non-fatal heart attacks;
- Irregular heartbeat;
- Aggravated asthma;
- Decreased lung function; and

- Increased respiratory symptoms (e.g. irritation of the airways, coughing and difficulty breathing).

When exposed to PM, people suffering from heart or lung disease may experience symptoms such as chest pain and shortness of breath.

It should be noted that current scientific evidence indicates that guidelines cannot be proposed that will lead to complete protection against adverse health effects of PM, as thresholds have not been identified (WHO, 2005a).

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action. Available chronic dose-response values published by sources recognised and endorsed by NEPC, WHO and the USEPA are summarised below.

Oral

No data was available.

Inhalation

The inhalation dose-response value is expressed in units of µg/m^3. This value is defined as a standard by NEPC, WHO and the USEPA.

Table 1 Published Particulate Matter Guideline Values

Agency	Inhalation Dose-Response Value (µg/m^3)	Source	Notes
$PM_{2.5}$			
WHO	25 (24 hour) 10 (annual average)	WHO, 2005b	Annual average concentration represents the lowest level at which cardiopulmonary and lung cancer mortality have been shown to increase with more than 95% confidence in response to long-term exposure to $PM_{2.5}$. The short-term 24hr concentration is based on a relationship between 24-hour and annual PM levels (WHO, 2005b).
USEPA	12 (1 yr) - primary 15 (1 yr) – secondary 35 (24 hr) – primary and secondary	NAAQS, 2011	The annual mean was averaged over 3 years. The 24 hour was the 98th percentile, averaged over 3 years.
NEPC	25 (24 hr) 8 (1 yr)	NEPM, 2003	-

Agency	Inhalation Dose-Response Value (µg/m^3)	Source	Notes
PM_{10}			
WHO	50 (24 hour) 20 (annual average)	WHO, 2005b	Annual average concentration represents the lowest level at which cardiopulmonary and lung cancer mortality have been shown to increase with more than 95% confidence in response to long-term exposure to PM $_{2.5.}$ The short-term 24hr concentration is based on a relationship between 24-hour and annual PM levels (WHO, 2005b).
USEPA	150 (24 hr) – primary and secondary	NAAQS, 2011	Not to be exceeded more than once per year.
NEPC	50 (24 hr)	NEPM, 2003	-

WHO – World Health Organisation
USEPA – United States Environment Protection Authority
NAAQS – United States National Ambient Air Quality Standards
NEPC – National Environment Protection Council

Carcinogenicity and Genotoxicity

No data was available.

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with inhalation exposure to PM_{10} and $PM_{2.5}$, AECOM has adopted the WHO (2005b) guideline values.

References

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

NEPC, 2003. *National Environment Protection (Ambient Air Quality) Measure*. National Environment Protection Council. July 2003.

NEPC, 2010. *Review of the National Environment Protection (Ambient Air Quality) Measure – Discussion Paper Air Quality Standards*. National Environment Protection Council. July 2010.

NSW EPA, 2012. *NSW Air Monitoring Plan – 3.1 The Sydney Region*. March 2012. Accessed December 2012. http://www.environment.nsw.gov.au/air/nepm/301sydney.htm.

OEH, 2012. *About Air Quality Monitoring*. N.S.W Office of Environment and Heritage. August 2012.

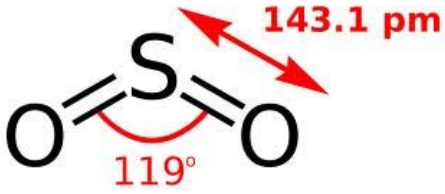
USEPA, 2012. *Particulate Matter (PM).* United States Environment Protection Agency. http://www.epa.gov/pm/index.html. Accessed December 2012.

WHO, 1994. *Updating and Revision of the Air Quality Guidelines for Europe - Inorganic air pollutants*. Regional Office for Europe, World Health Organization, Copenhagen.

WHO, 2000. *Guidelines for Air Quality*. World Health Organisation. Geneva. 2000

WHO, 2005a. *WHO Air Quality Guidelines Global Update 2005.* Report on a working group meeting, Bonn, Germany, 18-20 October 2005.

WHO, 2005b. *WHO Air Quality Guidelines for Particulate Matter, Ozone, Nitrogen Dioxide and Sulfur Dioxide – Global Update 2005, Summary of Risk Assessment*. World Health Organization, Geneva. 2005



Sulphur Dioxide

The following information has been sourced from the Australian National Health and Medical Research Council (NHMRC), the Australian National Environment Protection Council (NEPC), World Health Organisation (WHO) and United States Environment Protection Authority (USEPA).

Chemical Identification

Synonyms: sulphurous acid anhydride, sulphurous oxide, sulphur oxide

CAS: 7446-09-5

Molecular Formula: SO_2

Molecular Weight: 64.066 g/mol

General

Sulphur dioxide (SO_2) is a colourless gas that forms an acidic solution in water, which is readily oxidised to sulphuric acid (enHealth, 1999). It has a pungent odour and is not flammable (ATSDR, 1998).

SO_2 is released into the atmosphere in large quantities by natural processes. An important source is from the action of anaerobic bacteria in peat bogs and tidal marshes, forming hydrogen sulphide, which is oxidised to SO_2 and sulphur trioxide (SO_3) in the atmosphere. Sulphur and sulphur gases are also emitted in large quantities as a result of volcanic activity (enHealth, 1999).

Most of the SO_2 that is of concern to human health results from anthropogenic activities, principally the burning of fossil fuels and smelting of mineral ores containing sulphur (OEH, 2012). It is readily converted to sulphuric acid and sulphates in the atmosphere which is an important process in the formation of aerosols and particulate matter associated with smog. SO_2 is also a major component of acid rain (enHealth, 1999).

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of contaminated air, but exposure by oral (dermal) pathways can cause systemic effects (ATSDR, 1998).

In most analysed cities, the annual mean concentrations of SO_2 in residential areas have not exceeded 50 µg/m^3. Notable exceptions are several cities in China, with the SO_2 concentration of 330 µg/m^3 in Chongqing and 100 µg/m^3 in Beijing in 1994. In some Chinese cities, the levels reported from “residential” locations exceed those from “commercial” regions of the city and are comparable with the levels in industrial zones. This may reflect the impact of combustion of sulphur-containing coal for domestic heating and cooking (WHO, 2000a).

From 1996 to 1998, maximum one-hour CO concentrations in Sydney ranged from 26.2 µg /m^3 (Bargo and Bringelly) to 105 µg /m^3 (Randwick and Lindfield). Concentrations in regional areas were reported to be less than urban areas (NSW EPA, 2012).

Non-Carcinogenic Health Effects

Evidence from human and animal studies (UKDoE, 1995; Steer & Heiskanen, 1994) shows that exposure to SO_2 can reduce lung function. The studies have all shown reduced forced expiratory volumes (FEV1) and increased airway resistance (bronchoconstriction). In animals, interactions between SO_2, sulphuric acid with ozone or nitrogen dioxide have been demonstrated to cause further reductions in lung function.

Given the high solubility of SO_2 in water, it dissolves readily in epithelial fluids in the nasal area and upper respiratory system. Oxidation to sulphuric acid is followed by neutralisation and excretion as ammonium or other salts. Sulphuric acid aerosols can be deposited in the nose, throat, tracheal and bronchial regions or lung alveoli, according to their size. The deposition pattern in the lungs is affected by factors such as atmospheric loading and humidity. Conditions that generate highly acidic droplets, which can exceed the neutralising capacity of ammonia in the upper respiratory tract, lead to greater deposition of acidic aerosols into the lungs.

The irritant effect of SO_2 occurs when nerves in the lining of the nose, throat and the airways of the lungs are stimulated by sulphuric acid. This leads to a reflex cough, irritation and/or a feeling of chest tightness and may

cause a narrowing of the airways. This latter effect is particularly evident in people suffering from asthma and chronic lung disease, whose airways are often inflamed and easily irritated.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by NHMRC, WHO, NEPC and USEPA are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

ATSDR has evaluated the non-carcinogenic oral toxicity data for SO_2, but did not derive a chronic minimum risk level (MRL) because the data are insufficient and this route is not considered a clinically relevant route of exposure in humans.

Inhalation

The 10minute value presented by WHO (2005b) is based on controlled studies involving exercising asthmatics which indicated that a proportion of the individuals experienced changes in pulmonary function and respiratory symptoms after period of exposure to SO_2 as short as 10 minutes. Hence, it is recommended that SO_2 concentrations not exceed 500 µm/m^3 over averaging periods of 10 minutes duration.

For the 24 hour average value, WHO (2005b) adopted a '*prudent precautionary approach'* and reduced the SO_2 guideline value to 20µg/m^3 due to the uncertainty of SO_2 in causality, the practical difficulties of attaining levels that are certain to be associated with no effects and the need to provide a greater degree of protection than that provided by the previous WHO (2000) guideline value (i.e. an interim target of 125µg/m^3).

A summary of the published SO_2 air guideline values are presented in the table below.

Table 1 Published Air Guideline Values for Sulphur Dioxide

Agency	Air Guideline Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
NHMRC	0.7 (10 min) 0.57 (1 hr) 0.06 (1 yr)	enHealth, 1999	-	-	-	NHMRC, 1995. Ambient Air.
WHO	0.5 (10 minutes) 0.02 (24 hr average)	WHO, 2005b	Changes in lung function in asthmatics. Exacerbation of respiratory symptoms in sensitive individuals.	Human	2	WHO, 1999
NEPC	0.564 (1 hr) 0.226 (24 hr) 0.0564 (1 yr)	NEPM, 2003	-	-	-	Converted from 0.2 ppm (1 hr), 0.08 ppm (24 hr) and 0.02 ppm (1 yr).
USEPA	0.212 (1 hr) 1.41 (1 yr)	NAAQS	-	-	-	Converted from 75 ppb (1 hr) and 0.5 ppm (3 hr).

NHMRC - National Health and Medical Research Council
WHO – World Health Organisation
NEPC – National Environment Protection Council
USEPA – United States Environment Protection Authority
NAAQS – National Ambient Air Quality Standards

ATSDR and the USEPA have evaluated the non-carcinogenic inhalation toxicity data for SO_2. ATSDR did not derive a MRL for intermediate or chronic duration exposure because the data was insufficient. The USEPA has not derived a RfC for SO_2, and it is not included on the Integrated Risk Information System (IRIS) database.

Carcinogenicity and Genotoxicity

ATSDR and International Agency for Research on Cancer (IARC) have evaluated the carcinogenicity data for SO_2. IARC classifies SO_2 as not classifiable as to its carcinogenicity to humans (Group 3). There is inadequate evidence for the carcinogenicity in humans of SO_2 and limited evidence for the carcinogenicity in experimental animals. The IARC evaluation considers the evidence of carcinogenicity in humans and experimental animals, as well as other data relevant to the evaluation of carcinogenicity and its mechanisms. IARC does not generally develop risk values or other estimates of potency. ATSDR has published a Toxicological Profile for SO_2. Although ATSDR discusses the carcinogenicity data in its Toxicological Profiles, it does not currently assess cancer potency or perform cancer risk assessments.

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with inhalation exposure to carbon monoxide, AECOM has adopted the WHO (2005b) guideline values.

References

ATSDR, 1998. *Toxicity Profile for Sulphur Dioxide.* Agency for Toxic Substances and Disease Registry, US Department of Health and Human Services. December 1998.

enHealth, 1999. *Sulphur dioxide – National Environment Health Monographs, Air Series No.3.* National Environment Health Form. 1997

NHMRC, 1995. *Air Quality Goals for Sulphur Dioxide.* Report of the 120th session. National Health and Medical Research Council. November 1995.

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

NEPC, 2003. *National Environment Protection (Ambient Air Quality) Measure*. National Environment Protection Council. July 2003.

NEPC, 2010. *Review of the National Environment Protection (Ambient Air Quality) Measure – Discussion Paper Air Quality Standards*. National Environment Protection Council. July 2010.

NSW EPA, 2012. *NSW Air Monitoring Plan – 3.1 The Sydney Region*. March 2012. Accessed December 2012. http://www.environment.nsw.gov.au/air/nepm/301sydney.htm.

OEH, 2012. *About Air Quality Monitoring*. N.S.W Office of Environment and Heritage. August 2012.

Steer. K & Heiskanen. L, 1994. *Options for Australian Air Quality Goals for Oxides of Sulphur*. Report to the Environmental Health Standing Committee, National Health and Medical Research Council. 1994.

UK Department of Environment, 1995. *Sulphur Dioxide*. Expert Panel on Air Quality Standards, HMSO, London. 1995

USEPA, 2012. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed December 2012.

WHO, 1994. *Updating and Revision of the Air Quality Guidelines for Europe - Inorganic air pollutants*. Regional Office for Europe, World Health Organization, Copenhagen.

WHO, 1997. *Nitrogen Oxides*. Environmental Health Criteria 188. World Health Organization, Geneva. 1997

WHO, 1999. *Air Quality Guidelines for Europe*. WHO Regional Publications, European Series. World Health Organization, Regional Office for Europe, Copenhagen. 1999

WHO, 2000a. *Guidelines for Air Quality*. World Health Organisation. Geneva. 2000

WHO, 2000b. *Air Quality Guidelines for Europe – Second Edition*. WHO Regional Publications, European Series. World Health Organization, Regional Office for Europe, Copenhagen. 2000

WHO, 2005a. *WHO Air Quality Guidelines Global Update 2005.* Report on a working group meeting, Bonn, Germany, 18-20 October 2005.

WHO, 2005b. *WHO Air Quality Guidelines for Particulate Matter, Ozone, Nitrogen Dioxide and Sulphur Dioxide – Global Update 2005, Summary of Risk Assessment*. World Health Organization, Geneva. 2005

Arsenic (inorganic)

The majority of the following information has been sourced from NEPC (2013) and ATSDR (2007), with other sources listed in the references.

Chemical Identification

CAS: 7440-38-2

Molecular Formula: As

Molecular Weight: 74.92 g/mol

General

Arsenic is a metalloid that can exist in four valence states (-3, 0, +3 and +5) and forms a steel grey, brittle solid in elemental form. Under reducing conditions, arsenite (As III) is the dominant form and, in well oxygenated environments, arsenate (AsV) is the dominant form. It is the 20th most commonly occurring element in the Earth's crust, occurring at an average concentration of 3.4 ppm.

Inorganic arsenic occurs naturally in soil and rocks especially in minerals and ores containing copper or lead. Presently, about 90% of all arsenic produced is used as a preservative (copper chromate arsenate) for wood to protect it from rotting and decay. In the past, inorganic arsenic compounds have been used as pesticides, primarily on cotton fields and in orchards however this is now prohibited.

Naturally occurring arsenic may enter the air, water, and land from wind-blown dust and may get into water from runoff and leaching. Arsenic may enter the environment during the mining and smelting and small amounts may be released into the atmosphere from coal-fired power plants and incinerators.

Arsenic readily dissolves in water and is detected in lakes, rivers, or underground water as well as in rain or snow and industrial waste discharges. Arsenic cannot be destroyed in the environment and ultimately ends up in soil or sediments.

Significance of Exposure Pathways and Background

Ingestion of soil and dust is considered the most significant pathway of exposure for inorganics in soil (NEPC, 2013). However, the bioavailability and inclusion of other exposure pathways should also be assessed e.g. inhalation of arsenic adsorbed to particulates.

A range of 25-75% bioavailability may be appropriate for the assessment of arsenic in soil (NEPC, 2013). The range of bioavailabilities considered would need to be based on suitable data in relation to source and site-specific bioavailability (where lower bioavailability values were considered appropriate).

NEPC (2013) reviewed the background intakes of arsenic from other sources, as a percentage of the toxicity reference values. Based on this review, a background intake of 50% was determined for oral and dermal pathways while a background intake of 0% was determined for the inhalation pathway.

Non-Carcinogenic Health Effects

Inorganic arsenic is responsible for most cases of arsenic induced toxicity in humans. Although there may be some differences in the potency of different chemical forms (e.g. arsenites tend to be somewhat more toxic than arsenates), these differences are usually minor. An exception would be arsine, which is highly toxic.

It is generally accepted that the arsenic-carbon bond is quite strong and most mammalian species do not have the capacity to break this bond; thus, inorganic arsenic is not formed during the metabolism of organic arsenicals. Inorganic As(V) is readily reduced to inorganic forms which are taken up by the cell, usually hepatocytes.

Studies have identified effects on virtually every organ or tissue evaluated, although some end points appear to be more sensitive than others. Available data from humans identify the skin as the most sensitive noncancer target following long-term oral arsenic exposure. Typical dermal effects include hyperkeratinization of the skin (especially on the palms and soles), formation of multiple hyperkeratinized corns or warts, and hyperpigmentation of the skin with interspersed spots of hypopigmentation. Oral exposure data from studies in humans indicate that

these lesions typically begin to manifest at exposure levels of about 0.002–0.02 mg As/kg/day. At these exposure levels, peripheral vascular effects are also commonly noted, including cyanosis, gangrene and “Blackfoot Disease.” Other reported cardiovascular effects include increased incidences of high blood pressure and circulatory problems.

Nausea, vomiting, and diarrhea are very common symptoms in humans following oral exposure to inorganic arsenicals, both after acute high-dose exposure and after repeated exposure to lower doses; these effects are likely due to a direct irritation of the gastrointestinal mucosa. Acute, high-dose exposure can lead to encephalopathy, with clinical signs such as confusion, hallucinations, impaired memory, and emotional liability, while long-term exposure to lower levels can lead to the development of peripheral neuropathy characterized by a numbness in the hands and feet that may progress to a painful "pins and needles" sensation. Recent studies also have reported neurobehavioral alterations in arsenic-exposed children.

Chronic exposure in drinking water has been associated with excess incidence of miscarriages, stillbirths, preterm births, and infants with low birth weights. Animal data suggest that arsenic may cause changes to reproductive organs of both sexes, including decreased organ weight and increased inflammation of reproductive tissues, although these changes may be secondary effects. However, these changes do not result in a significant impact on reproductive ability.

A large number of studies in humans have reported cardiovascular effects after acute and long term oral exposure to inorganic arsenic compounds. Studies of workers exposed by inhalation report irritation of the mucous membranes of the nose and throat, which may lead to laryngitis, bronchitis, or rhinitis. Respiratory effects have also been reported following oral exposure to inorganic arsenic and include respiratory distress, hemorrhagic bronchitis, and pulmonary edema; however, it is not clear whether these are primary effects or are the result of damage to the pulmonary vascular system.

A common effect following both oral and inhalation exposure to inorganic arsenic is the development of peripheral neuropathy. Workers exposed at pesticide plants or smelters, have shown increased incidence of neurological changes including sensory and motor polyneuropathy.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2013). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012), NEPC (NEPC, 2013) and the USEPA and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Arsenic - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
NEPC	0.002	NEPC (2013)	-	-	-	RfD. Based on Australian and International approaches.
NHMRC	0.0003	NHMRC (2011)	-	-	-	TDI. Calculated from guideline value of 0.01.
ATSDR	0.0003	ATSDR (2007)	Dermal effects	Human	3	Chronic MRL. Based on a number of studies.
IRIS	0.0003	USEPA (2013)	Dermal effects	Human	3	RfD. Based on Tseng, 1977 and Tseng et al., 1968.

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
RIVM	0.001	Baars AJ et al. (2001)	Dermal effects	Human	2	TDI. Health Council of The Netherlands, 1993

NEPC – National Environment Protection Council
NHMRC – National Health and Medical Research Council
ATSDR – Agency for Toxic Substances and Disease Registry
IRIS – Integrated Risk Information System
RIVM – National Institute of Public Health and the Environment (Netherlands)
UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Toxicity Reference Value (TRV), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Arsenic - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
NEPC	0.001	NEPC (2013)	Lung Cancer	Human	10	TRV. Based on RIVM (2001).
California EPA	0.000015	USEPA (2013)	-	-	-	RfC.
RIVM	0.001	RIVM (2001)	Lung Cancer	Human	10	RfC. Based on Blom et al., 1985 and Lagerkvist et al., 1984.

Carcinogenicity and Genotoxicity

The International Agency for Research on Cancer (IARC) has classified arsenic and inorganic arsenic compounds as Group 1 – carcinogenic to humans.

Arsenic is a known human carcinogen based on human epidemiological studies that show skin and internal cancers (in particular, bladder, liver and lung) associated with chronic exposures to arsenic in drinking water. There are limited animal studies is because arsenic has not been shown to cause cancer in rodents due to interspecies differences between rodents and humans.

A recent Australian review of available data (APVMA, 2005) on arsenic carcinogenicity and genotoxicity noted the following:

- The mechanisms behind tumour formation and chromosomal damage do not appear to involve mutagenesis.
- The epidemiological evidence from occupational exposure studies indicates that arsenic acts at a later stage in the development of cancer.

This supports the notion that arsenic appears to behave like a carcinogen which exhibits a threshold effect.

On the basis of the above and other studies identified in NEPC (2013), the use of threshold dose-response for the assessment of carcinogenic effects associated with arsenic exposure is considered appropriate.

Identification of Carcinogenic Toxicity Reference Values

Oral

The oral dose-response value is expressed in units of $(mg/kg/day)^{-1}$. This value may be termed a Cancer Slope Factor (CSF), a Cancer Risk (CR), Slope Factor (SF), Risk Specific Dose (RSD) or Toxic Dose (that corresponds

to a 5% increase in mortality) (TD_{05}) depending on the agency of derivation. Some agencies present guideline values which may be converted to dose-response values.

Table 3 Published Non-Threshold Dose-Response Values for Arsenic – Oral

Agency	Oral Cancer Slope Factor $(mg/kg/day)^{-1}$	Notes	Source
IRIS	1.5	Slope factor. USEPA (2013)	Based on Tseng, 1977 and Tseng et al., 1968.
Health Canada	1.5	Slope factor converted from TD_{05}.	Health Canada (1993)

IRIS – Integrated Risk Information System.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Unit Risk (UR), Cancer Risk (CR), Risk Specific Concentration (RSC), Toxic Dose (that corresponds to a 5% increase in mortality) (TD_{05}) or Tolerable Concentration in Air (TCA) depending on the agency of derivation.

Table 4 Published Non-Threshold Dose-Response Values for Arsenic - Inhalation

Agency	Inhalation Unit Risk Factor $(mg/m^3)^{-1}$	Notes	Source
WHO	0.0015	Unit risk.	WHO (2000)
IRIS	0.0043	Unit risk. USEPA (2013)	USEPA (2013)
Health Canada	0.0015	Unit risk converted from TD_{05}.	Health Canada (1993)
RIVM	0.001	TCA.	Based on Blom et al., 1985 and Lagerkvist et al., 1984.

IRIS – Integrated Risk Information System.
RIVM – National Institute of Public Health and the Environment (Netherlands)
WHO – World Health Organisation

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to inorganic arsenic, AECOM has adopted an oral TRV of 0.002 mg/kg/day (NEPC, 2013).

For assessment of potential threshold effects associated with inhalation exposure to inorganic arsenic, AECOM has adopted the NEPC (2013) inhalation TRV of 0.001 mg/m^3.

Non-Threshold (Carcinogenic)

As noted above, a linear (non-threshold) dose-response is not supported for carcinogenic effects associated with arsenic exposure. The use of a threshold dose-response approach for the assessment of carcinogenic effects associated with arsenic exposure is therefore considered reasonable.

References

APVMA, 2005. *The Reconsideration of Registrations of Arsenic Timber Treatment Products (CCA and Arsenic Trioxide) and their Associated Labels*. Report of Review Findings and Regulatory Outcomes, Summary Report, Review Series 3, Australian Pesticides & Veterinary Medicines Authority. Canberra. Australia.

ATSDR, 2007. *Toxicological Profile for Arsenic*. Agency for Toxic Substances and Disease Registry. August, 2007.

Baars AJ et al. 2001. *Re-evaluation of human-toxicological maximum permissible risk levels.* RIVM report no. 711701025, National Institute of Public Health and the Environment, Bilthoven, The Netherlands, March 2001, p 25-29.

Blom S et al. 1985. *Arsenic exposure to smelter workers*. Scand J Work Environm Health 11: 265-269. As cited in: ATSDR (Agency for Toxic Substances and Disease Registry). 1999. Toxicological Profile for Arsenic. Draft for Public Comment. U.S. Department of Health and Human Services, Public Health Service.

Environment Canada, Health Canada. 1993. *Priority substances list assessment report: arsenic and its compounds*. Ottawa. Ministry of Public Works and Government Services.

enHealth, 2012. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.*

Health Council of The Netherlands 1993. *Arsenic, assessment of an integrated criteria document (In Dutch).* Report no. 1993/02, The Hague, The Netherlands.

Lagerkvist B, Linderholm H, Nordberg GF. 1984. *Vasospastic tendency and Raynauds phenomenon in smelter workers exposed to arsenic*. Environm Res 39: 465-474. As cited in: ATSDR (Agency for Toxic Substances and Disease Registry). 1999. Toxicological Profile for Arsenic. Draft for Public Comment. U.S. Department of Health and Human Services, Public Health Service.

NEPC, 2013. *National Environment Protection (Assessment of Site Contamination) Measure 1999* (April 2013). National Environment Protection Council.

NHMRC, 2011. *Australian Drinking Water Guidelines*. National Health and Medical Research Council. 2011.

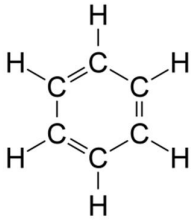
RIVM, 2001. *Re-evaluation of Human Toxicological Maximum Permissible Risk Levels*. RIVM Report 711701 025. National Institute of Public Health and the Environment. March 2001.

Tseng, W.P., H.M. Chu, S.W. How, J.M. Fong, C.S. Lin and S. Yeh. 1968. *Prevalence of skin cancer in an endemic area of chronic arsenicism in Taiwan*. J. Natl. Cancer. Inst. 40(3): 453-463.

Tseng, W.P. 1977. *Effects and dose-response relationships of cancer and Blackfoot disease with arsenic. Environ*. Health Perspect 19:109-119.

USEPA, 2013. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed October 2013.

WHO, 2000. *Air Quality Guidelines for Europe*. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.



Benzene

The majority of the following information has been sourced from ATSDR (2007), with other sources listed in the references.

Chemical Identification

Synonyms: benzene, benzol

CAS: 71-43-2

Molecular Formula: C_6H_6

Molecular Weight: 78.11 g/mol

General

Although benzene occurs naturally and is emitted by volcanoes and forest fires, the greatest sources are associated with the manufacture of plastics, resins, and nylon and other synthetic fibres. Benzene is used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides and is a natural part of crude oil, gasoline, and cigarette smoke.

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of contaminated air and tobacco smoke from both active and passive smoking. Although benzene has been detected in certain foods, beverages and tap water, these do not constitute major sources of exposure for most people (ATSDR, 2007).

CRC CARE (Friebel, E. and Nadebaum, P., 2011) reviewed the air background levels in Australia for benzene and below is a summary of this review and the assumptions adopted during development of the health screening levels (HSLs):

- an allocation of 20% of the RfC was attributed to background benzene in air which was considered to be protective of the majority of residential properties in Sydney and Melbourne.

The adopted skin absorption factor was set at 8%, as adopted by CRC CARE during derivation of the benzene HSL (Friebel, E. and Nadebaum, P., 2011).

Non-Carcinogenic Health Effects

Damage to both the humoral and cellular components of the immune system has been known to occur in humans following inhalation exposure. This is manifested by decreased levels of antibodies and decreased levels of leukocytes in workers. Animal data support these findings.

The most characteristic systemic effect resulting from intermediate and chronic benzene exposure is arrested development of blood cells. Early biomarkers of exposure to relatively low levels of benzene include depressed numbers of one or more of the circulating blood cell types. A common clinical finding in benzene hematotoxicity is cytopenia, which is a decrease in various cellular elements of the circulating blood manifested as anemia, leukopenia, or thrombocytopenia in humans and in animals. Benzene associated cytopenias vary and may involve a reduction in one (unicellular cytopenias) to all three (pancytopenia) cellular elements of the blood.

Benzene causes a life-threatening disorder called aplastic anemia in humans and animals. This disorder is characterized by reduction of all cellular elements in the peripheral blood and in bone marrow, leading to fibrosis, an irreversible replacement of bone marrow. Benzene has also been associated with acute non-lymphocytic leukemia in humans, and aplastic anemia may be an early indicator of developing acute non-lymphocytic leukemia in some cases.

Limited information is available on other systemic effects reported in humans and is associated with high–level benzene exposure. Respiratory effects have been noted after acute exposure of humans to benzene vapors. Cardiovascular effects, particularly ventricular fibrillation, have been suggested as the cause of death in fatal exposures to benzene vapor. Gastrointestinal effects have been noted in humans after fatal inhalation exposure (congestive gastritis), and ingestion (toxic gastritis and pyloric stenosis), of benzene.

Myelofibrosis (a form of aplastic anemia) was reported by a gasoline station attendant who had been exposed to benzene by inhalation, and probably also through dermal contact. Myalgia was also reported in steel plant workers exposed to benzene vapors. Reports of renal effects in humans after benzene exposure consist of kidney congestion after fatal inhalation exposure. Dermal and ocular effects including skin irritation and burns, and eye irritation have been reported after exposure to benzene vapors. Swelling and edema have been reported to occur in a human who swallowed benzene. Studies in animals show systemic effects after inhalation exposure, including cardiovascular effects. Oral administration of benzene to animals has yielded information concerning hepatic effects. A study conducted in rabbits lends support to the finding that benzene is irritating and damaging to the skin and also shows that it is irritating and damaging to the eyes following dermal or ocular application.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2004), NEPC (NEPC, 1999) and the USEPA and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Benzene - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
ATSDR	0.0005	ATSDR (2007)	Decreased lymphocyte count	Human	30	Chronic MRL. Based on study by Lan et al., 2004
IRIS	0.004	USEPA (2003)	Decreased lymphocyte count	Human	300	RfD. Based on Study by Rothman et al., 1996

ATSDR – Agency for Toxic Substances and Disease Registry

IRIS – Integrated Risk Information System.

UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Benzene - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
ATSDR	0.0096*	ATSDR (2007)	Decreased lymphocyte count	Human	10	Chronic MRL. Based on study by Lan et al., 2004
IRIS	0.03	USEPA (2003)	Decreased lymphocyte count	Human	300	RfC. Based on Study by Rothman et al., 1996

*Converted from 0.003ppm to mg/m^3 using the molecular weight of 78.11 and assuming 25ºC and 760 mm Hg

Carcinogenicity and Genotoxicity

The carcinogenicity of benzene is well documented in exposed workers. Epidemiological studies and case reports provide clear evidence of a causal relationship between occupational exposure to benzene and benzene-containing solvents and the occurrence of acute myelogenous leukemia (AML). The epidemiological studies are generally limited by confounding chemical exposures and methodological problems, including inadequate or lack

of exposure monitoring and low statistical power, but a consistent excess risk of leukemia across studies indicates that benzene is the causal factor. The IARC have classified benzene as a Group 1 agent (carcinogenic).

In vivo and *in vitro* data from both humans and animals indicate that benzene and/or its metabolites are genotoxic. Chromosomal aberrations (hypo- and hyperdiploidy, deletions, breaks, and gaps) in peripheral lymphocytes and bone marrow cells are the predominant effects seen in humans.

Identification of Carcinogenic Toxicity Reference Values

Oral

The oral dose-response value is expressed in units of $(mg/kg/day)^{-1}$. This value may be termed a Cancer Slope Factor (CSF), a Cancer Risk (CR), Slope Factor (SF), or Risk Specific Dose (RSD) depending on the agency of derivation. Some agencies present guideline values which may be converted to dose-response values.

Table 3 Published Non-Threshold Dose-Response Values for Benzene – Oral

Agency	Oral Cancer Slope Factor $(mg/kg/day)^{-1}$	Notes	Source
NHMRC	0.035	GV. Converted from unit risk of 1×10^{-6} per 0.001 mg/L, assuming 2 L/day water ingestion rate and 70 kg body weight	NHMRC (2011)
WHO	0.035	GV. Converted from unit risk of 1×10^{-5} per 0.01 mg/L, assuming 2 L/day water ingestion rate and 70 kg body weight	WHO (2011)
RIVM	0.00033	CR (provisional). The oral slope factor is derived by route-to-route extrapolation from the inhalation limit value. Converted from risk level of 1×10^{-4} to risk level of 1×10^{-5} by dividing by 10	RIVM (2001)
IRIS	0.015 – 0.055	Range of slope factors provided.	USEPA (2000)

IRIS – Integrated Risk Information System.
NHMRC – National Health and Medical Research Council
RIVM – National Institute of Public Health and the Environment (Netherlands)
WHO – World Health Organisation

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Unit Risk (UR), Cancer Risk (CR), Risk Specific Concentration (RSC) or Toxic Dose (that corresponds to a 5% increase in mortality) ($TD_{0.05}$) depending on the agency of derivation.

Table 4 Published Non-Threshold Dose-Response Values for Benzene - Inhalation

Agency	Inhalation Unit Risk Factor $(mg/m^3)^{-1}$	Notes	Source
WHO	6×10^{-6}	Average UR converted to SF. Geometric mean of the range of estimates of the lifetime risk ($4.4\text{-}7.5 \times 10^{-6}$)	WHO (2010)
Health Canada	0.003	$TC_{0.05}$. Based on study by Rinsky et al., 1987. Converted from based on risk level of 1×10^{-5}	Health Canada (1993)
RIVM	0.002	CR_{inhal}. Converted to risk level of 1×10^{-5}	RIVM (2001)
IRIS	2.2×10^{-6} – 7.8×10^{-6}	Range of inhalation unit risk values provided. Average value: 5.0×10^{-6}	USEPA (2000)

IRIS – Integrated Risk Information System.
NHMRC – National Health and Medical Research Council
RIVM – National Institute of Public Health and the Environment (Netherlands)
WHO – World Health Organisation

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to benzene have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to benzene, AECOM has adopted the reference dose of **0.004 mg/kg/day** published by IRIS (USEPA, 2003).

For assessment of potential threshold effects associated with inhalation exposure to benzene, AECOM has adopted the inhalation reference concentration of **0.03 mg/m^3** published by IRIS (USEPA, 2003).

Non-Threshold (Carcinogenic)

For assessment of potential non-threshold effects associated with oral exposure to benzene, AECOM has adopted the Oral Slope Factor of **0.035 (mg/kg/day)$^{-1}$** published by NHMRC (NHMRC, 2011).

For assessment of potential non-threshold effects associated with inhalation exposure to benzene, AECOM has adopted the inhalation unit risk value of **6.0 x 10^{-6} (µg/m^3)$^{-1}$** published by WHO (WHO, 2010).

References

ATSDR, 2007. *Toxicological Profile for Benzene*. Agency for Toxic Substances and Disease Registry. August, 2007.

enHealth, 2004. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2004.

Friebel, E. and Nadebaum, P., 2011. *Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document.* CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.

Health Canada, 1993. *Priority Substances List Assessment Report: Benzene*. Health Canada. 1993.

Lan et al., 2004. *Hematotoxicity in workers exposed to low levels of benzene*. Lan Q, Zhang L, Li G, Vermeulen R, Weinberg RS, Dosemeci M, Rappaport SM, Shen M, Alter BP, Wu Y, Kopp W, Waidyanatha S, Rabkin C, Guo W, Chanock S, Hayes RB, Linet M, Kim S, Yin S, Rothman N, Smith MT. 2004.

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

NHMRC, 2004. *Australian Drinking Water Guidelines*. National Health and Medical Research Council. 2004.

NHMRC, 2011. *Australian Drinking Water Guidelines*. National Health and Medical Research Council. 2011.

Rinsky et al., 1987. *Benzene and leukemia - An epidemiologic risk assessment*. Rinsky, R.A., A.B. Smith, R. Hornung, T.G. Filloon, R.J. Young, A.H. Okun and P.J. Landrigan. 1987.

RIVM, 2001. *Re-evaluation of Human Toxicological Maximum Permissible Risk Levels*. RIVM Report 711701 025. National Institute of Public Health and the Environment. March 2001.

Rothman et al., 1996. *Hematotoxicity among Chinese workers heavily exposed to benzene*. Rothman, N., G.L. Li, M. Dosemeci, W.E. Bechtold, G.E. Marti, Y.Z. Wang, M. Linet, L.Q. Xi, W. Lu, M.T. Smith, N. Titenko-Holland, L.P. Zhang, W. Blot, S.N. Yin, and R.B. Hayes. 1996.

USEPA, 2002/2003. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed December 2012.

WHO, 2000. *Air Quality Guidelines for Europe*. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.

WHO, 2004. *Guidelines for drinking-water quality*. Health criteria and other supporting information. Third Edition. World Health Organisation. Geneva. 2004

WHO, 2010. *WHO Guidelines for Indoor Air Quality, Selected Pollutants*. Geneva 2010.

WHO, 2011. *Guidelines for Drinking-water Quality*. Fourth Edition. World Health Organisation. 2011.

Beryllium– Toxicological Profile

The majority of the following information has been sourced from ATSDR (2002) and ASC NEPM (2015), with other sources listed in the references.

Chemical Identification

CAS: 7440-41-7

Molecular Formula: Be

Molecular Weight: 9.012 g/mol

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 30% for oral and dermal intakes

Bli = 0% for inhalation

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to beryllium have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to beryllium, AECOM has adopted the reference dose of **0.002 mg/kg/day** published by WHO (WHO, 2001).

For assessment of potential threshold effects associated with inhalation exposure to beryllium, AECOM has adopted the reference dose of **0.00002 mg/m^3** published by WHO (WHO, 2001).

Non-Threshold (Carcinogenic)

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to beryllium have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to beryllium have therefore been assessed on the basis of threshold dose response criteria.

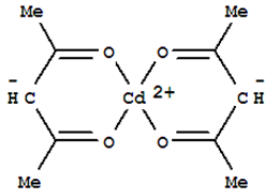
References

ASC NEPM, 2013. *National Environment Protection (Assessment of Site Contamination) Measure 1999* as amended May 2013. National Environment Protection Council (NEPC).

ATSDR, 2002. *Toxicological Profile for Beryllium*. Agency for Toxic Substances and Disease Registry. September 2002.

Friebel and Nadebaum, 2011. *Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document.* CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.

WHO, 2001. *Beryllium and Beryllium Compounds*. Concise International Chemicals Assessment Document 32. World Health Organisation, Geneva.



Cadmium – Toxicological Profile

The following information has been taken from ATSDR (2008):

General

Cadmium is used in the manufacture of batteries, pigments, coatings/platings and plastics stabilisers and is extracted as a byproduct during the production of other metals such as zinc, lead, or copper and recycling of batteries.

Cadmium exists as the hydrated ion or as ionic complexes with other inorganic or organic substances. Soluble forms migrate in water while insoluble forms of are immobile and will deposit and absorb to sediments. Cadmium which has entered the atmospheric can be transported long distances is eventually deposited onto soil and water surfaces. Cadmium and cadmium compounds readily migrate through soil and can adhere tightly to organic matter where is can be taken up by plant life and eventually enter the food chain.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 60% for oral and dermal intakes

Bli = 20% for inhalation

Non-carcinogenic Health Effects

Toxicological properties of cadmium are similar for the several different salts and oxides of cadmium that have been investigated, although differences in absorption and distribution lead to different effect levels.

For inhalation exposure, particle size and solubility in biological fluids (in contrast to solubility in water) appear to be the more important determinants of the toxicokinetics. For oral exposure, most experimental studies have used soluble cadmium, which exists as the Cd^{+2} ion regardless of the initial salt. Absorption appears to be similar for cadmium ion and cadmium complexed with proteins in food, except for a few specific types of foods such as Bluff oysters and seal meat. Also, poorly soluble cadmium pigments may be absorbed to a lesser extent than soluble cadmium ion.

There is an extensive database on the toxicity of cadmium in environmentally exposed populations and in cadmium workers; however, most of these studies were focused on the presumed sensitive targets (lung after inhalation exposure and kidney after oral ingestion). Other effects that have been observed in humans and/or animals include reproductive toxicity, hepatic effects, hematological effects, and immunological effects.

The earliest indication of kidney damage in humans is an increased excretion of low molecular weight proteins, particularly 2-microglobulin, human complex forming glycoprotein (pHC) (also referred to as 1-microglobulin), and retinol binding protein; increased urinary levels of intracellular enzymes such as N-acetyl- -glucosaminidase (NAG); and increased excretion of calcium and metallothione. Numerous studies of cadmium workers and populations living in areas with low, moderate, or high cadmium pollution have found significant associations between urinary cadmium levels and biomarker levels or significant increases in the prevalence of abnormal biomarker levels. At higher exposure levels, decreases in glomerular filtration rate, increased risk of renal failure, and significant increases in the risk of deaths from renal disease have been observed. The sensitivity of the kidney to cadmium is related to its distribution in the body and *de novo* synthesis of metallothionein in the kidney. In the blood, cadmium is bound to metallothionein and is readily filtered at the glomerulus and reabsorbed in the proximal tubule. Within the tubular cells, the metallothionein is degraded in lysosomes and free cadmium is released; the synthesis of endogenous metallothionein by the tubular cells is then stimulated. However, when the total cadmium content in the renal cortex reaches between 50 and 300 g/g wet weight, the amount of cadmium not bound to metallothionein becomes sufficiently high to cause tubular damage. Free cadmium ions may inactivate metal-dependent enzymes, activate calmodulin, and/or damage cell membranes through activation of oxygen species. Because the toxicity of cadmium is dependent on its concentration in the kidney, adverse effects in humans are typically not observed after shorter durations.

Acute inhalation exposure may cause destruction of lung epithelial cells, resulting in pulmonary edema, tracheobronchitis, and pneumonitis. A single, high-level cadmium exposure can result in long-term impairment of lung function. At the cellular level, catalase, superoxide dismutase, non-protein sulfhydryl, glucose-6-phosphate dehydrogenase, and glutathione peroxidase are decreased in response to cadmium lung insults. The response is cell hyperplasia and after long term inhalation exposure at lower levels decreased lung function has been observed.

Prolonged inhalation or ingestion in humans has led to debilitating bone disease in at risk individuals (poor nutrition, high cadmium exposure). Decreases in bone mineral density, increases in the risk of fractures, and increases in the risk of osteoporosis have also been observed in populations exposed to high levels of cadmium.

Limited developmental human data is available however in animals cadmium exposure by inhalation, oral or parenteral routes has been shown to be toxic to physiological and neurological development.

Carcinogenicity and Genotoxicity

The International Agency for Research on Cancer (IARC) has classified cadmium as a Group 1 carcinogen (probable human carcinogen) based on its assessment of sufficient evidence of an increase in lung cancer in humans and sufficient evidence of lung cancer in rats.

In-vivo and in-vitro studies suggest cadmium is not genotoxic.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (2013) and enHealth (2012) are summarised in the following table.

Table 1: Published Dose-Response Values for Cadmium

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0008 mg/kg/day	NEPC (2013)	Based on the review of cadmium undertaken by JECFA (WHO, 2010).
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0007 mg/kg/day	NHMRC (2011)	Concentration that will ensure that critical renal cortex concentrations will not be reached in a 70 year lifetime
Oral	Acceptable Daily Intake (ADI)	Threshold	0.001 mg/kg/day	WHO (2008)	Based on a provisional tolerable weekly intake
Oral	Minimal Risk Level (MRL)	Threshold	0.0001 mg/kg/day	ATSDR (2008)	
Oral	Reference Dose (RfD)	Threshold	0.001 mg/kg/day	USEPA (2013)	Based on chronic exposure
Oral	Reference Dose (RfD)	Threshold	0.0005 mg/kg/day	USEPA (2013)	Lower RfD of cadmium (diet) and cadmium (water)
Inhalation	Reference Concentration (RfC)	Threshold	0.000005 mg/m^3	NEPC (2013)	Based on the WHO (2000) guideline value of 0.005 $\mu g/m^3$.
Inhalation	Minimal Risk Level (MRL)	Threshold	0.00001 mg/m^3	ATSDR (2008)	Chronic duration inhalation MRL
Inhalation	Reference Concentration (RfC)	Threshold	0.00001 mg/m^3	USEPA (2013)	

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Inhalation Unit Risk (IUR)	Non threshold	0.0018 $(ug/m3)^{-1}$	USEPA (2013)	

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to cadmium, AECOM has adopted the acceptable daily intake (ADI) of 0.0008 mg/kg/day adopted by the NEPC (2013) for derivation of the health investigation level value.

For assessment of potential threshold effects associated with inhalation exposure to cadmium, AECOM has adopted the Reference Concentration (RfC) of 0.000005 mg/m^3 adopted by NEPC (2013).

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral exposure to cadmium have not been published by Australian or other regulatory bodies. Potential health effects associated with oral exposure to cadmium have therefore been assessed on the basis of threshold dose response criteria.

AECOM has not evaluated potential non-threshold inhalation effects of cadmium based on the following:

- WHO (2000) concluded that the available data are not sufficient to derive an inhalation unit risk due to concomitant exposure to arsenic studies; and
- the health-based air guideline published by WHO (2000) (and adopted for assessment of threshold effects via the inhalation pathway) considered lung cancer risk in its derivation.

References

ATSDR, 2008. *Toxicological Profile for Cadmium*. Draft. Agency for Toxic Substances and Disease Registry. September 2008.

enHealth, 2012. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2012.

NHMRC, 2011. *Australian Drinking Water Guidelines 6(ADWG)*. National Health and Medical Research Council. January 2011.

NEPC, 2013. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure 1999 as amended. National Environment Protection Council.

USEPA, 2013. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed October 2013.

WHO, 2000. *Air Quality Guidelines for Europe. Second Edition.* World Health Organization (WHO), Regional Office for Europe. WHO Regional Publications, European Series, No. 91. 2000.

WHO, 2008. *Guidelines for Drinking-water Quality. First and Second Addenda to the Third-Edition. Volume 1. Recommendations.* World Health Organization.

Lead

The majority of the following information has been sourced from NEPC (2013), ATSDR (2007) and WHO (2000), with other sources listed in the references.

General

Lead is a naturally occurring element found in the Earth's crust at an average concentration of approximately 15 to 20 mg/kg. Lead is used principally in the production of batteries, metal alloys, X-ray shielding materials, ammunition, chemical resistant linings and pigments. It has also been used historically as an additive in petrol and also in many paints.

Owing to the decreasing use of lead containing additives in petrol and of lead-containing solder in the food processing industry, concentrations in air and food are declining, and intake from drinking-water constitutes a greater proportion of total intake. Lead is rarely present in tap water as a result of its dissolution from natural sources; rather, its presence is primarily from household plumbing systems containing lead in pipes, solder, fittings or the service connections to homes. The amount of lead dissolved from the plumbing system depends on several factors, including pH, temperature, water hardness and standing time of the water, with soft, acidic water being the most plumbosolvent.

Significance of Exposure Pathways and Background

The most significant exposure pathway for lead is the ingestion of soil and dust. Although lead has been detected in certain foods, beverages, air and tap water, these do not constitute major sources of exposure for most people.

Consistent with the approach adopted by NEPC (2013), no background adjustment factors have been applied to the Rfd or RfC.

Non-Carcinogenic Health Effects

Most of the information gathered about lead toxicity comes from studies of workers from a variety of industries and from studies of adults and children in the general population. The most sensitive targets for lead toxicity are the developing nervous system, the hematological and cardiovascular systems, and the kidney. However, leads multi-mode action in biological systems has the potential to affect any system or organ in the body.

Studies of lead workers suggest that long-term exposure to lead may be associated with increased mortality due to cerebrovascular disease. Population studies suggest that there is a significant association between bone-lead levels and elevated blood pressure and blood lead levels also have been associated with small elevations in blood pressure. At low levels lead negatively affects kidney function by reducing glomerular filtration rates. Lead inhibits haem synthesis, shortens erythrocyte lifespan and can induce inappropriate production of the hormone erythropoietin leading to inadequate maturation of red cell progenitors, which can contribute to the anemia.

A recent study in children 8–10 years of age suggested that lead accelerates skeletal maturation, which might be a predisposing factor to the development of osteoporosis in later life. Lead also has been associated with increased occurrence of dental caries in children and periodontal bone loss.

Hormonal changes in thyroid levels and reproductive hormones have been observed, as have decreased levels of circulating vitamin D, required for maintenance of calcium homeostasis.

Altered immune parameters have been described in lead workers with changes in some T-cell subpopulations, response to T-cell mitogens, and reduced chemotaxis of polymorphonuclear leukocytes being observed. Some studies have indicated that increased in lead exposure in children may be associated with increases in serum IgE, a primary mediate for type-1 hypersensitivity involved in allergic diseases such as asthma.

Prolonged exposure to high amounts of lead induces symptoms of encephalopathy; dullness, irritability, poor attention span, epigastric pain, constipation, vomiting, convulsions, coma, and death.

Lead poisoning in children can leave residual cognitive deficits that can be still detected in adulthood such as malaise, forgetfulness, irritability, lethargy, headache, fatigue, impotence, decreased libido, dizziness, weakness, and paresthesia. Studies of older populations reported associations between lead and/or bone lead and poorer

performance in neurobehavioral tests. Lead also has been shown to affect nerve conduction velocity and postural balance in workers.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2014). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012) and NEPC (NEPC, 2013) and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Acceptable Daily Intake (ADI), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Lead - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
NEPC	<10 µg/dL	NEPC (2013)	-	-	-	Target Blood Lead Concentration.
NHMRC	0.0035	NHMRC (2013)	Lead retention in infants	Human	-	ADI. Based on study by Ziegler et al., 1978 and Ryu et al., 1983.
RIVM	0.025	RIVM (2001)	Brain and CNS	Human	-	PTWI. Cited in FAO/WHO, 1993 and IPCS, 1995.

NEPC – National Environment Protection Council
NHMRC – National Health and Medical Research Council
RIVM – National Institute of Public Health and the Environment (Netherlands)
UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Lead - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
WHO	0.0005	WHO (2000)	Critical level of Pb in blood	Human	-	RfC. Averaging time: 1 year

Carcinogenicity and Genotoxicity

The International Agency for Research on Cancer (IARC) has determined that inorganic lead and lead compounds are probably carcinogenic (class 2B agent) based on sufficient evidence from studies in animals and limited evidence in humans.

Renal tumours have been induced in experimental animals exposed to high concentrations of lead compounds in the diet, and IARC has classified lead and inorganic lead compounds in Group 2B (possible human carcinogen). However, there is evidence from studies in humans that adverse neurotoxic effects other than cancer may occur at very low concentrations of lead and that a guideline value derived on this basis would also be protective for carcinogenic effects.

Lead is a clastogenic agent, as shown by the induction of chromosomal aberrations, micronuclei, and sister chromatid exchanges in peripheral blood cells from lead workers. *In vitro* mutagenicity studies in microorganisms have yielded mostly negative results for lead. Tests using mammalian cells have been inconclusive, with some studies reporting negative results and some reporting chromosome damage.

Identification of Carcinogenic Toxicity Reference Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to lead have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to lead have therefore been assessed on the basis of threshold dose response criteria.

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

Based on the approach adopted within the National Environment Protection (Assessment of Site Contamination) Measure 1999 as amended in April 2013 (NEPC, 2013) a target blood lead concentration of <10 µg/dL was adopted for assessment of blood lead exposures via all pathways

References

ATSDR, 2007. *Toxicological Profile for Lead*. Agency for Toxic Substances and Disease Registry. August, 2007.

enHealth, 2012. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2012.

FAO/WHO, 1993. *Evaluation of certain food additives and contaminants*. 41st Meeting of the Joint FAO/WHO Expert Committee on Food Additives. World Health Organisation Technical Report Series no. 837; Geneva.

Friebel, E. and Nadebaum, P., 2011. *Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document.* CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.

IPCS, 1995. *Inorganic lead*. International Programme on Chemical Safety, Environmental Health Criteria 165. World Health Organisation; Geneva.

NEPC, 2013. National Environment Protection (Assessment of Site Contamination) Measure 1999. Amended April 2013. National Environment Protection Council.

NEPC, 2013. *Schedule B(4) Guideline on Site-Specific Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure as amended April 2013. National Environment Protection Council.

NHMRC 2013, *Australian Drinking Water Guidelines (ADWG)*. National Health and Medical Research Council, 2011.

RIVM, 2001, *Re-evaluation of human-toxicological Maximum Permissible Risk levels*, National Institute of Public Health and the Environment, Bilthoven, Netherlands, March 2001. Available from: http://www.rivm.nl/bibliotheek/rapporten/711701025.html.

Ryu J, Ziegler E, Nelson S, Fomon S, 1983. *Dietary intake of lead and blood lead concentration on early infancy*. American Journal of Disease in Children, 137:886-891.

USEPA, 2014. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed January 2014.

WHO, 2000. *Air Quality Guidelines for Europe*. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.

WHO, 2011. *Guidelines for Drinking-water Quality. First and Second Addenda to the Third-Edition. Volume 1. Recommendations.* World Health Organization.

Ziegler E, Edwards B, Jensen R, Mahaffey K, Fomon S, 1978. *Absorption and retention of lead by infants*. Pediatric Research, 12:29-34.

Mercury – Toxicological Profile

The following information has been taken from ATSDR (1999):

General

Mercury occurs naturally in the environment and exists in several forms; metallic mercury, inorganic mercury and organic mercury. Metallic mercury is a shiny, silver white metal liquid at room temperature and is familiar as the liquid in metal thermometers. At room temperature metallic mercury will evaporate and form mercury vapours which are colorless and odorless Metallic mercury is often found at hazardous waste sites.

Inorganic mercury occurs when mercury combines with elements such as chlorine, sulfur or oxygen. These compounds are called mercury salts and are white powders or crystals, except for mercuric sulfide which is red. Some inorganic mercury compounds are used as fungicides, skin lightening creams, antiseptic and disinfecting agents, tattoo dyes and color paints.

When mercury combines with carbon, organic mercury compounds are formed. There are a large number of organic mercury compounds in the environment but methyl mercury is the most common. In the past, methyl-mercury and dimethyl-mercury have been used for commercial purposes. In the environment, methyl mercury is produced primarily by microorganisms rather than by human activity.

Several forms of mercury occur naturally in the environment; metallic mercury, mercuric sulfide, mercuric chloride and methyl mercury. Some micro-organisms can change the mercury in the environment from one form to another. The most common organic mercy compound that microorganisms and natural processes generate from other forms is methyl mercury. Methyl mercury is of particular concern because it can accumulate in freshwater and salt water marine mammals.

Mercury enters the environment as a result of normal breakdown of minerals and rocks from exposure to wind, water and volcanic activity. The levels of mercury in the atmosphere are very very low and do not pose a health risk. The amounts of mercury present in any one place are usually low however at hazardous waste sites levels 200,000 times the natural background levels can be present.

Mercury enters the air as a result of mining deposits, emissions from coal fired power plants or burning municipal and medical waste. Mercury vapour can be carried long distances, can be changed into other forms of mercury and transported to water or soil in rain or snow. Microorganisms convert inorganic mercury to methyl mercury which can enter the water or soil. Mercury usually stays on the surface of sediments or soil and does not move through the soil to underground water. If mercury enters the water in any form, it is likely to settle to the bottom where it can remain for a long time.

Mercury, in the form of methyl mercury, can accumulate in the food chain in particular in larger older fish such as sharks and swordfish. Plants such as corn, wheat and peas have very low levels of mercury, even if grown in soil containing significant levels of mercury. Mushrooms on the other hand have the capacity to accumulate mercury.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 40% for oral and dermal intakes

Bli = 10% for inhalation

Non-carcinogenic Health Effects

The nervous system is very sensitive to mercury with incidents of poisoning from ingestions of contaminated fish or seeds leading to brain and kidney damage. Metallic mercury vapours or organic mercury may affect different areas of the brain. Symptoms of damage include personality changes (irritability, shyness, and nervousness), tremors, changes in vision, deafness, muscle un-coordination, loss of sensation and memory difficulties. The varying effects on the nervous system are attributed to the way the different forms of mercury move through the body. When metallic mercury vapours are inhaled they easily enter the bloodstream and are carried through the body to the brain. Breathing or swallowing large amounts of methyl mercury results in some of the mercury

moving into the brain and affecting the nervous system. Inorganic mercury salts, such as mercuric chloride, do not enter the brain as readily ad methyl mercury or metallic mercury vapour.

The kidneys are sensitive to the effects of mercury because it accumulates in the kidneys and causes higher exposures to these tissues. All forms of mercury can cause kidney damage if large enough amounts enter the body however if the damage is not too great, the kidneys are likely to recover once the body clears itself of the contamination.

Short term exposure (hours) to high levels of metallic mercury vapour in the air can damage the lining of the mouth and irritate the lungs and airways causing tightness of breath, a burning sensation in the lungs, and coughing. Other effects from exposure to mercury vapour include nausea, vomiting, diarrhea, increases in blood pressure or heart rate, skin rashes and eye irritation. Damage to the lining of the mouth and lungs can also occur from exposure to lower levels of mercury vapour over longer periods

Most studies of humans who breathed metallic mercury for a long time indicate that mercury from this type of exposure does not affect the ability to have children. Dermal contact with metallic mercury has been shown to cause an allergic skin reaction in some people.

In addition to kidney effected, inorganic mercury damages the stomach and intestines producing symptoms of nausea, diarrhea or severe ulcers if swallowed in large amounts. Cardiac effects have been observed in children who have accidentally swallowed mercuric chloride. Symptoms include rapid heart rate and increased blood pressure.

Carcinogenicity and Genotoxicity

Studies in workers exposed to metallic mercury vapours has not shown any mercury related increase in cancer while animal studies investigating the effects of long term mercury ingestion were not conclusive with regard to mercury's carcinogenicity. The International Agency for Research on Cancer (IARC) have not classified mercury as to its human carcinogenicity (Group 3 agent).

In-vivo and in-vitro studies indicate mercury has genotoxic properties.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (2013) and enHealth (2012a) are summarised in the following table.

Table 1: Published Dose-Response Values for Mercury

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	ADI	Threshold	0.00047 mg/kg/day	NHMRC (2015)	Based on WHO 1988 maximum tolerable daily intake at which no adverse effects will occur (elemental mercury).
Oral	Minimum Risk Level (MRL)	Threshold	0.0002 mg/kg/day	ATSDR (2010)	Intermediate duration MRL derived for inorganic mercury divided by safety factor to convert to chronic MRL (elemental mercury).
Oral	Reference Dose (RfD)	Threshold	0.00016 mg/kg/day	USEPA (IRIS)	RfD adopted from CalEPA (elemental mercury).
Inhalation	Reference Concentration (RfC)	Threshold	0.001 mg/m^3	WHO (2000a)	Annual average guideline for inorganic mercury vapour in air (elemental mercury).

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Reference Concentration (RfC)	Threshold	0.001 mg/m^3	WHO (2000b)	Guideline value (TC) for mercury (inorganic). Averaging time 1 year (elemental mercury).
Inhalation	Reference Concentration (RfC)	Threshold	0.0002 mg/m^3	WHO (2003)	TRV.
Inhalation	Minimum Risk Level (MRL)	Threshold	0.0002 mg/m^3	ATSDR (2009)	Chronic duration inhalation exposure to metallic mercury vapour (elemental mercury).
Inhalation	Reference Concentration (RfC)	Threshold	0.0003 mg/m^3	USEPA (IRIS)	(elemental mercury)
Oral	ADI	Threshold	0.00047 mg/kg/day	NHMRC (2004)	Based on WHO 1988 maximum tolerable daily intake at which no adverse effects will occur (elemental mercury).
Oral	Minimum Risk Level (MRL)	Threshold	0.0002 mg/kg/day	ATSDR (2010)	Intermediate duration MRL derived for inorganic mercury divided by safety factor to convert to chronic MRL (elemental mercury).
Oral	Reference Dose (RfD)	Threshold	0.00016 mg/kg/day	USEPA (IRIS)	RfD adopted from CalEPA (elemental mercury).

Adopted Threshold Dose-Response Values

The WHO (2011) value of 0.0006 mg/kg/day has been adopted as the reference dose (RfD) for oral intake of mercury. The WHO (2003) reference concentration (RfC) of 0.0002 mg/m^3 has been adopted as the threshold value for inhalation.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to mercury have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to mercury have therefore been assessed on the basis of threshold dose response criteria.

References

ATSDR, 1999. *Toxicological Profile for Mercury*. Agency for Toxic Substances and Disease Registry. March 1999.

enHealth, 2012. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.*

NHMRC,2015. *Australian Drinking Water Guidelines*. National Health and Medical Research Council. 2015.

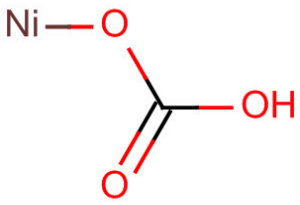
NEPC, 2013. *Schedule B(4) Guideline on Site-Specific Health Risk Assessment Methodology.* In: *National Environment Protection (Assessment of Site Contamination) Measure 1999* as amended May 2013. National Environment Protection Council.

USEPA, 2009. *Regional Screening Levels for Chemical Contaminants at Superfund Sites.* Available on-line at: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm. Tables accessed last updated March 2010.

USEPA, 2015. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed October 2015.

World Health Organisation, 2000a. *Air Water Guidelines for Europe.* World Health Organisation.

World Health Organisation, 2000b. *Air Water Guidelines Global.* World Health Organisation.



Nickel – Toxicological Profile

The following information has been taken from ATSDR (2005):

General

Nickel is found naturally in the environment and can also be released into the environment from industrial furnaces, power plants or rubbish incinerators.

In the environment, it is primarily found combined with oxygen or sulfur as oxides or sulfides. Nickel is released into the atmosphere during nickel mining and by industries that make or use nickel, nickel alloys, or nickel compounds. These industries also might discharge nickel in waste water. Nickel is also released into the atmosphere by oil-burning power plants, coal-burning power plants, and trash incinerators.

Food is the major source of exposure to nickel. You may also be exposed to nickel by breathing air, drinking water, or smoking tobacco containing nickel. Skin contact with soil, bath or shower water, or metals containing nickel, as well as, metals plated with nickel can also result in exposure. Stainless steel and coins contain nickel. Some jewelry is plated with nickel or made from nickel alloys. Patients may be exposed to nickel in artificial body parts made from nickel-containing alloys and it can be transferred from mother to infant during breastfeeding.

The concentration of nickel in air, rivers and lakes is generally very low and is barely detectable however you may be exposed to higher-than-average levels of nickel if you live near industries that process or use nickel.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 60% for oral and dermal intakes

Bli = 20% of inhalation

Non-carcinogenic Health Effects

The general population can be exposed to nickel via inhalation, oral, and dermal routes of exposure. Based on occupational exposure studies, reports of allergic contact dermatitis, and animal exposure studies, the primary targets of toxicity appear to be the respiratory tract following inhalation exposure, the immune system following inhalation, oral, or dermal exposure, and possibly the reproductive system and the developing organism following oral exposure.

Contact dermatitis is the result of an allergic reaction to nickel that has been reported in the general population and workers exposed via dermal contact with airborne nickel, liquid nickel solution, or prolonged contact with metal items such as jewelry and prosthetic devices that contain nickel. Once an individual becomes sensitized to nickel, dermal contact with only a small amount of nickel can result in dermatitis. Approximately 10–20% of the general population is sensitized to nickel.

Both noncancerous and cancerous respiratory effects have been observed in humans and animals exposed to airborne nickel compounds. Chronic bronchitis, emphysema, pulmonary fibrosis, and impaired lung function have been observed in nickel welders and foundry workers. These effects were not consistently seen across studies, and co-exposure to other toxic metals such as uranium, iron, lead, and chromium confounds the interpretation of the results. Studies examining the risk of death from nonmalignant respiratory disease among nickel workers have not found significant increases; however, many studies found that the number of observed deaths was significantly lower than expected, suggesting a healthy worker effect.

Adverse respiratory effects have been reported in humans and animals exposed to nickel compounds at concentrations much higher than typically found in the environment. The available data on noncancerous respiratory effects in humans are limited. In nickel workers, exposure to nickel did not result in increases in the risk of death from nonmalignant respiratory system disease. Studies examining potential nonlethal respiratory effects have not found consistent results. Animal data provide strong evidence that nickel is a respiratory toxicant; lung inflammation is the predominant effect. Evidence of lung inflammation has been observed following acute-, intermediate-, and chronic-duration exposure of rats to nickel sulfate, nickel subsulfide, or nickel oxide. Human

and animal data provide strong evidence that inhalation exposure to some nickel compounds can induce lung cancer.

The potential for nickel compounds to induce reproductive effects has not been firmly established in either humans or animals. A significant increase in human leukocyte antigen (HLA)-DRw6 antigens were found among individuals with nickel contact dermatitis compared to individuals with no history of atopy or contact dermatitis. Nickel sensitization typically involves initial prolonged contact with nickel or exposure to a very large nickel dose. In the general population, the initial nickel contact often comes from body piercing with jewelry that releases large amount of nickel ions. The resulting dermatitis, which is an inflammatory reaction mediated by type IV hypersensitivity, typically occurs beneath the metal object.

Carcinogenicity and Genotoxicity

The carcinogenicity of nickel via the inhalation pathway has been well documented in occupationally-exposed individuals. Significant increases in the risk of mortality from lung or nasal cancers were observed in several cohorts of nickel refinery workers. Studies of workers in other nickel industries, including nickel mining and smelting, nickel alloy production, stainless steel production, or stainless steel welding, which typically involve exposure to lower concentrations of nickel, have not found significant increases in cancer risks.

No studies were located regarding cancer in humans after oral exposure to nickel, and nickel acetate was found to be noncarcinogenic in lifetime drinking water studies in rats and mice.

The Department of Health and Human Services has determined that metallic nickel may reasonably be anticipated to be a human carcinogen and nickel compounds are known to be human carcinogens. IARC classified metallic nickel in group 2B (possibly carcinogenic to humans) and nickel compounds in group 1 (carcinogenic to humans). USEPA has classified nickel refinery dust and nickel sulfide in Group A (human carcinogen). Other nickel compounds have not been classified by the EPA. These classifications are based on evidence of carcinogenicity via the inhalation, rather than oral, pathway.

Both *in vitro* and *in vivo* studies in mammals indicate that nickel is genotoxic

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (2013) and enHealth (2012) are summarised in the following table.

Table 1: Published Dose-Response Values for Nickel

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Tolerable Daily Intake (TDI)	Threshold	0.012 mg/kg/day	NEPC (2013)	Based on WHO (2011) toxicity reference value.
Oral	Acceptable Daily Intake (ADI)	Threshold	0.005 mg/kg/day	NHMRC (2011)	Safety factor does not include that for carcinogenicity as effects have only been observed upon inhalation
Oral	Tolerable Daily Intake (TDI)	Threshold	0.012 mg/kg/day	WHO (2011)	
Oral	Reference Dose (RfD)	Threshold	0.02 mg/kg/day	USEPA (2010)	
Inhalation	Toxicity Reference Value (TRV)	Threshold	0.00002	NEPC (2013)	Based on the TRV published by EA (2009)
Inhalation	Minimal Risk Level (MRL)	Threshold	0.00009 mg/m^3	ATSDR (2005)	Chronic duration
Inhalation	Unit Risk	Non - threshold	0.0004 $(ug/m^3)^{-1}$	WHO (2000a)	

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Unit Risk	Non - threshold	0.00038 $(ug/m^3)^{-1}$	WHO (2000b)	

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to nickel, AECOM has adopted the TDI of 0.012 mg/kg/day used by NEPC (2013) for derivation of the health investigation level.

For assessment of potential threshold effects associated with inhalation exposure to nickel, AECOM has adopted the TRV of 0.00002 mg/m^3 used by NEPC (2013) for derivation of the health investigation level.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

Non-threshold dose-response criteria for oral exposure to nickel have not been published, and nickel is not considered to be carcinogenic via the oral exposure route.

Nickel is not considered to be carcinogenic via the inhalation exposure route, therefore no inhalation reference concentration has been adopted.

References

ATSDR, 2005. *Toxicological Profile for Nickel*. Agency for Toxic Substances and Disease Registry. August, 2005.

EA, 2009. Contaminants of soil: updated collation of toxicological data and intake values for humans, Nickel, Science report: SC050021/TOX8, May 2009.

enHealth, 2012. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2012.

NEPC, 2013. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure 1999 as amended May 2013. National Environment Protection Council.

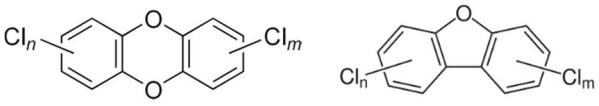
USEPA, 2013. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed October 2013.

NHMRC, 2011, *Australian Drinking Water Guidelines (ADWG)*. National Health and Medical Research Council , 2011.

WHO, 2000a. *Air Quality Guidelines for Europe. Second Edition.* World Health Organization (WHO) Geneva, 2000.

WHO, 2000b. *Guidelines for Air Quality. Second Edition.* World Health Organization (WHO), or Europe. WHO Regional Publications, European Series, No. 91. 2000.

WHO, 2008. *Guidelines for Drinking-water Quality. First and Second Addenda to the Third-Edition. Volume 1. Recommendations.* World Health Organization.



PCDDs and PCDFs

The majority of the following information has been sourced from DEH (2005), with other sources listed in the references.

General

Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) are chlorinated tricyclic aromatic hydrocarbons made up of two benzene rings joined by either two oxygen atoms at adjacent carbons on each of the benzene rings (PCDDs) or by one oxygen atom and one carbon-carbon bond (PCDFs). In total, there are 75 possible PCDD congeners and 135 possible PCDF congeners. Congeners containing three or fewer chlorine atoms are considered to be of no toxicological significance. However, 17 congeners with chlorine atoms substituted in the 2, 3, 7 and 8 positions (i.e. in the lateral positions of the aromatic rings) are thought to pose a risk to human health and the environment.

PCDDs and PCDFs are typically considered together with dioxin-like polychlorinated biphenyls (PCBs) as 'dioxin-like compounds.' In general, dioxin-like compounds have very low water solubility, high octanol-water partition coefficients, low vapour pressure and adsorb strongly to particles and surfaces (high K_{OC}) and are resistant to chemical degradation under normal environmental conditions. Thus, they are persistent in the environment and their high fat solubility results in their bioconcentration into biota and biomagnification up the food chain.

PCDDs and PCDFs are not manufactured intentionally; instead they are by-products of combustion, including industrial processes such as waste incineration, bleached kraft pulp mills and the synthesis of certain chemicals. Other sources of dioxin-like chemicals can include contaminated stockfeed (for cattle, chicken and farmed fish), improper application of sewage sludge to agricultural land, flooding of pastures, waste effluents and certain types of food processing. PCDDs and PCDFs are also associated with pesticides such as pentachlorophenol (PCP) and 2,4,5-trichlorophenoxyacetic acid (2,4,5-T), however these chemicals are no longer approved for use in Australia.

PCDDs and PCDFs are formed naturally by volcanoes and forest fires. It has been estimated that bushfires may contribute at least 20-30% of the total release of dioxin-like compounds to the Australian environment.

Atmospheric transport represents the primary route for transport of dioxins into the environment.

Significance of Exposure Pathways and Background

For the general population, over 95% of exposure to dioxin-like compounds is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources (particularly foods high in animal fats). Cigarette smokers are likely to have somewhat higher intakes of dioxins than non-smokers. Because of the ubiquitous presence of various dioxin-like compounds in human tissues, as well as in the milk of mothers worldwide, infants can be exposed to these compounds both prenatally and during breast feeding.

Exposure to dioxin like compounds may also be through other routes such as breathing in air contaminated by dioxins in smoke (from bushfires, domestic wood heaters and cigarettes), factory or incinerator emissions, motor vehicle exhaust fumes, or from uncontrolled hazardous waste sites containing dioxins.

Since dioxins are fat soluble, chemically stable and poorly metabolised, they can concentrate in body fat and build up under conditions of long-term exposure, both in animals and humans, and accumulate as they move through the food chain. The congeners that make up the dioxins have half-lives that vary from 3.7 years for the least persistent type to 50 years for the most persistent, with an average half-life of approximately 7 years.

In Australia, concentrations of dioxin-like compounds in breast milk have fallen significantly (about 45%) within the past decade, an observation consistently noted in monitoring programs from a large

number of other countries. This reflects a world-wide trend over recent decades of declining levels of dioxin-like compounds in the environment and in human tissues.

The average intake of dietary dioxins (per unit bodyweight) in the general Australian population was calculated to be between 10-54% of the tolerable monthly intake (TMI), and somewhat higher in infants and toddlers.

Ambient levels of dioxins in Australian soils measured during the National Dioxins Program ranged from below the limit of detection (about 0.05 pg/g dry weight) to 43 pg/g dry weight, with upper bound means of total dioxins based on land use ranging from 0.38 TEQ pg/g dry weight (remote area) to 6.4 pg/g dry weight (urban area).

The intake of dioxins from ingestion of water is considered to be negligible as dioxins have very low water solubility. Studies have found that estimated intakes from water were one thousandth or less of the estimated overall intake for dioxins.

WHO (2000c) assumed an ambient air toxic equivalent level of PCDDs and PCDFs of about 0.1 pg/m^3, however certain industrial and urban areas may have up to 20 times higher air concentrations. Intake from inhalation exposure was on average 1% of the dietary intake.

A background intake of dioxins and furans was calculated based on a blood serum study presented in DEH (2004). The mean average lifetime daily exposure (ALDE) was estimated as 1.3 TEQ pg/kg bw/day. The mean ALDE was converted to months (i.e. 40.15 TEQ pg/kg bw/day), which is 57% of the published tolerable monthly intake (TMI) of 70 pg TEQ/kg body weight/month. Therefore, a background percentage of 57% has been adopted.

Non-Carcinogenic Health Effects

The most widely studied of all the dioxin-like compounds is 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD, or TCDD). It has been shown to affect a wide range of organ systems in many animal species and can induce a wide range of adverse biological responses including immunotoxicity, endometriosis in Rhesus monkeys, developmental, behavioural effects in offspring of treated Rhesus monkeys, and developmental and reproductive effects in rats. Studies in animals indicate that the immune system is a sensitive target of TCDD toxicity, with inhibition of immunoglobulin secretion and decreased resistance to bacterial, viral, and parasitic infections.

Available epidemiological data indicate that dioxin-like compounds produce a variety of biochemical responses in humans, some of which occur at relatively low exposure levels. Induction of hepatic enzymes, changes in hormone levels and reduced glucose tolerance are examples of subtle changes that may occur at comparatively low exposures. However, these effects are of unknown clinical significance.

The most widely recognised and consistently observed effect in humans following high dose exposure to TCDD is chloracne. The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism.

There is some suggestive evidence of dioxin exposure toxicity to the cardiovascular system, including hyperlipidemia, increased frequency of ischaemic heart disease, valvular heart disease and retinopathy.

Neurological symptoms observed in TCDD-exposed workers include lassitude, weakness of the lower limbs, muscular pains, increased perspiration, loss of appetite, headaches, nervousness, anxiety, irritability, and loss of libido.

TCDD has also been associated with temporary enlargement of the liver, increased levels of hepatic enzymes and alterations in the lipid profile in humans. Data from several epidemiological studies suggest that significant exposure to TCDD increases the risk of diabetes mellitus resulting from decreased cellular glucose uptake. TCDD exposure has additionally been associated with changes in thyroid function.

Acute exposure to high concentrations of TCDD has been associated with effects on the respiratory system, including upper respiratory tract irritation, conjunctivitis, and inflamed eyelids (blepharitis).

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2004), NEPC (NEPC, 1999) and the USEPA and are summarised below.

Due to their bioaccumulative nature, it is noted that the biochemical and toxicological effects of dioxin-like compounds relate more closely to their concentration in the target tissue than to the daily dose. Numerous agencies therefore adopted values based on body burden.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Dioxin-like Compounds - Oral

Agency	Dioxin	Oral Dose-Response Value	Source	Target Endpoint	Test Animal	UF	Notes
WHO (JECFA)	Dioxin-like compounds	2.3 pg TEQ/ kg bw/day	FAO/ WHO (2005)	Reproductive toxicity	Rats	3.2-9.6	Provisional TMI of 70 pg TEQ/kg bw based on body burden. Mid-point of range in Oshako et al., 2001 and Faqi et al., 1998.
WHO	Dioxin-like compounds	1-4 pg TEQ/ kg bw/day	WHO (2000)	Hormonal, reproductive and developmental effects	Rats; monkeys	10	TDI based on body burden. Based on study by Van Leeuwen & Younes, 1998. Adopted in France, Germany, Netherlands and New Zealand (NZ: 30 pg /kg/month)
US EPA	TCDD	0.7 pg/kg/day	IRIS (2012)	Decreased sperm count and mobility; increased TSH in utero	Humans	30	RfD. Based on study by Mocarelli et al., 2008 and Baccarelli et al., 2008.
EC-SCF	Dioxin-like compounds	2 pg TEQ/ kg bw/day	EC-SCF (2001)	Developing reproductive systems of male rats exposed in utero	Rats	9.6	TWI of 14 pg/kg bw/week for TCDD. Based on study by Faqi et al., 1998. Adopted in the UK.
ATSDR	TCDD	1 pg TEQ/kg bw/day	ATSDR (1998)	Neuro-behavioural developmental changes	Monkeys	90	MRL. Based on study by Schantz et al., 1992. Intended to also serve as guidance for total TEQs of dioxin-like compounds.
ATSDR	2,3,4,7,8-PnCDF	0.00003 µg/kg/day	ATSDR (1994)	Hepatic effects (increased serum bilirubin, decreased serum triglycerides)	Rats	3000	Intermediate oral MRL (15-364 days). Based on Pluess et al, 1988 and Poiger et al, 1989.

JECFA - Joint FAO/WHO Expert Committee on Food Additives
ATSDR – Agency for Toxic Substances and Disease Registry

EC-SCF – European Commission Scientific Committee on Food
COT – Committee on the Toxicity of Chemicals in Food
IRIS – Integrated Risk Information System.
UF – Uncertainty Factor
TMI – Tolerable monthly intake

NHMRC adopted the TMI of 70 pg TEQ/kg bw in *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians* (October 2012), however this document was rescinded in 2013.

In order to assess potential oral health effects associated with exposure to potentially carcinogenic dioxin-like compounds other than 2,3,7,8-TCDD, Toxic Equivalence Factors (TEFs) have been adopted. It may be inferred that biochemical, cellular and tissue-level effects that are elicited by exposure to TCDD are also induced by other chemicals that have a similar structure and that also bind to the Ah receptor. The TEFs are used to estimate the potency of dioxin-like compounds relative to TCDD, applying the concept of additivity for the PCDDs, PCDFs and dioxin-like PCBs to provide total Toxic Equivalence Quotient (TEQ) estimates. The adopted TEFs are shown in **Table 2** below.

Table 2 TEFs Used to Derive Oral Dose-Response Criteria for Carcinogenic Dioxin-like Compounds Relative to 2,3,7,8-TCDD (WHO, 2005)

Dioxin-like Compounds	Toxic Equivalency Factor (TEF)
PCDDs	
2,3,7,8-TCDD	1
1,2,3,7,8-PnCDD	1
1,2,3,4,7,8-HxCDD	0.1
1,2,3,6,7,8-HxCDD	0.1
1,2,3,7,8,9-HxCDD	0.1
1,2,3,4,6,7,8-HpCDD	0.01
OCDD	0.0003
PCDFs	
2,3,7,8-TCDF	0.1
1,2,3,7,8-PnCDF	0.03
2,3,4,7,8-PnCDF	0.3
1,2,3,4,7,8-HxCDF	0.1
1,2,3,6,7,8-HxCDF	0.1
1,2,3,7,8,9-HxCDF	0.1
2,3,4,6,7,8-HxCDF	0.1
1,2,3,4,6,7,8-HpCDF	0.01
1,2,3,4,7,8,9-HpCDF	0.01
OCDF	0.0003
PCBs	
WHO TEF Values include PCB 77, PCB 81, PCB 126, PCB 169, PCB 105, PCB 114, PCB 118, PCB 123, PCB 156, PCB 157, PCB 167 and PCB 189 (outside the scope of this ToxProfile).	

However, it is noted that estimates of population exposures suggest that a significant proportion of the total intake of dioxin-like compounds (measured as TEQs) is from congeners other than TCDD.

Inhalation

No information available. WHO (200a) stated that an air quality guideline for PCDDs and PCDFs was not proposed because direct inhalation exposures constitute only a small proportion of the total exposure, generally less than 5% of the daily intake from food (and 1% on average).

Carcinogenicity and Genotoxicity

Most data on the health effects of PCDDs and PCDFs have been obtained using the most toxic congener, TCDD. Experimental studies demonstrate that TCDD is carcinogenic in all species and strains of laboratory animals tested. It has been characterised as a multi-site carcinogen. However,

short-term studies have shown a lack of direct DNA-damaging effects, indicating that TCDD is not an initiator of carcinogenesis, but is a potent tumour promoter. Although the mechanisms of carcinogenicity are not fully known, the ability of TCDD to enhance proliferation and inhibit apoptotic processes in focal hepatic lesions supports an indirect mechanism of carcinogenicity.

The results of a two-year carcinogenesis bioassay conducted by Kociba *et al* (1978) have been the most often utilised for cancer risk assessment of TCDD. Sprague Dawley rats of both genders were given TCDD (99% pure) in the feed to achieve intakes of 0, 1, 10 and 100 ng/kg bw/day. Results indicated that at 100 ng/kg bw/day, TCDD caused an increase in the incidence of hepatocellular hyperplastic nodules and carcinomas in female (but not in male) rats. At this dose, statistically significant increases in squamous cell carcinomas of the lungs (females) and tongue and nasal palate/nasal turbinates (males) were also reported. However, this does of TCDD was also associated with a significant reduction in the incidence of some tumours.

Epidemiological evidence from the most highly exposed occupational cohorts studied produces the strongest evidence in humans of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined.

From the occupational studies, and an understanding of biological plausibility as shown by animal studies, the International Agency for Research on Cancer (IARC) has concluded that TCDD is carcinogenic to humans (Group 1). The IARC determined that other PCDDs and PCDFs are not classifiable as to their carcinogenicity to humans (Group 3).

No experimental data in animals on the cancer risks from inhalation exposure to dioxins was presented in the sources reviewed, and human health inhalation associated with cigarettes are confounded by their other carcinogenic compounds.

Dioxin-like compounds are not considered to be genotoxic carcinogens. It is considered that the mechanism of carcinogenesis, involving the Ah receptor, means that there is a threshold for carcinogenicity. Tolerable intake guidance based on non-cancer end-points is considered protective for carcinogenicity (WHO, 2010).

Identification of Carcinogenic Toxicity Reference Values

Oral

The oral dose-response value is expressed in units of $(mg/kg/day)^{-1}$. This value may be termed a Cancer Slope Factor (CSF), a Cancer Risk (CR), Slope Factor (SF), or Risk Specific Dose (RSD) depending on the agency of derivation. Some agencies present guideline values which may be converted to dose-response values.

Table 3 Published Non-Threshold Dose-Response Values for Dioxin-like Compounds – Oral

Agency	Oral Cancer Slope Factor $(mg/kg/day)^{-1}$	Notes	Source
IRIS	6.2×10^{3}	HxCDD (mixture of 1,2,3,6,7,8-HxCDD and 1,2,3,7,8,9-HxCDD). Hepatic tumours in mice and rats by gavage. Geometric mean of slope factors for mice and rats. Drinking water unit risk of 0.18 µg/L.	USEPA, 1987

IRIS – Integrated Risk Information System.

FAO/WHO (2005) noted that the establishment of a tolerable intake based on non-cancer effects would also address any carcinogenic risk. Similarly, the EC-SCF (2001) noted that the most sensitive endpoints in animal studies were developmental and reproductive effects and that the TWI they established would adequately protect against the carcinogenic effects of TCDD, which require substantially higher body burdens, and for which a threshold approach is applicable due to its non-genotoxic nature. As such, separate carcinogenic toxicity reference values were not derived by these or other bodies reviewed.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Unit Risk (UR), Cancer Risk (CR), Risk Specific Concentration (RSC) or Toxic Dose (that corresponds to a 5% increase in mortality) ($TD_{0.05}$) depending on the agency of derivation.

Table 4 Published Non-Threshold Dose-Response Values for Dioxin-like Compounds - Inhalation

Agency	Inhalation Unit Risk Factor $(mg/m^3)^{-1}$	Notes	Source
IRIS	0.0013	HxCDD (mixture of 1,2,3,6,7,8-HxCDD and 1,2,3,7,8,9-HxCDD). Air concentration of 8×10^{-6} $(\mu g/m^3)^{-1}$ based on 10^{-5} risk level.	USEPA, 1987

IRIS – Integrated Risk Information System.

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to dioxin-like compounds (or individual PCDDs or PCDFs) have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to dioxin-like compounds (PCDDs, PCDFs and dioxin-like PCBs), AECOM has adopted the reference dose of **2.3 pg TEQ/kg bw/day** published by FAO/ WHO (2005).

An inhalation reference concentration was not adopted by AECOM due to the limited information available, as direct inhalation exposures constitute only a small proportion of the total exposure, on average 1% of the daily intake from food.

Non-Threshold (Carcinogenic)

Dioxin-like compounds are considered to be threshold carcinogens, and as such, non-threshold dose-response values were not adopted by AECOM. As noted by FAO/WHO (2005), the establishment of a tolerable intake based on non-cancer effects would also address any carcinogenic risk as the most sensitive endpoints are not carcinogenic in nature.

References

ATSDR, 1994. *Toxicological Profile for Chlorodibenzofurans.* US Department of Health and Human Services. May 1994.

ATSDR, 2012. *Addendum to the Toxicological Profile for Chlorinated Dibenzo-p-dioxins (CDDs),* Agency for Toxic Substances and Disease Registry. November 2012.

DEH, 2004. *National Dioxins Program, Dioxins in Australia: A summary of the findings of studies conducted from 2001 to 2004*, Australian Government Department of Environment and Heritage, May 2004.

DEH, 2005. *National Dioxins Program, Technical Report No.12 Human Health Risk Assessment of Dioxins in Australia*, Australian Government Department of Environment and Heritage, July 2005.

enHealth, 2004. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2004.

NHMRC 2002, *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians*. National Health and Medical Research Council. October 2012.

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

New Zealand Ministry of Health, 2016. *Dioxins: A Technical Guide.*

Public Health England, 2008. *Dioxins: General Information, Incident Management and Toxicological Overview.* Version 1.

US EPA, 2012. *2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD); CASRN 1746-01-6,* Integrated Risk Information Systems (IRIS), United States Environmental Protection Agency National Centerfor Environmental Assessment, Office of Research and Development.

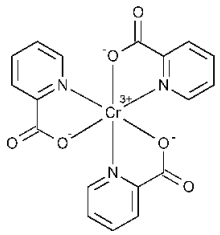
US EPA, 1987. *Hexachlorodibenzo-p-dioxin (HxCDD), mixture of 1,2,3,6,7,8-HxCDD and 1,2,3,7,8,9-HxCDD, Integrated* Risk Information Systems (IRIS), United States Environmental Protection Agency National Centerfor Environmental Assessment, Office of Research and Development.

Van der Berg et al, 2006. *The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds*, Toxicological Sciences, 93(2), 223-241

WHO, 2000a. *Assessment of the health risk of dioxins: Re-evaluation of the tolerable daily intake (TDI). WHO Consultation*, Geneva, 25–29 May 1998. Geneva, International Programme on Chemical Safety, World Health Organisation.

WHO, 2010b. *Exposure to dioxins and dioxin-like substances: a major public health concern*, World Health Organisation. http://www.who.int/ipcs/features/dioxins.pdf

WHO, 2000c. *Air Quality Guidelines for Europe*. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.



Chromium – Toxicological profile

The following information has been taken from ATSDR (2008):

General

Chromium is a naturally-occurring element found widely in the environment in the form of chromium (0), chromium (III), and chromium (VI). It is widely used in manufacturing processes and found in many products such as wood treated with copper dichromate, leather tanned with chromic sulfate and stainless steel cookware.

Chromium can be found in air, soil, and water after release from manufacture, use and disposal of chromium-based products, and during the manufacturing process. Chromium does not usually remain in the atmosphere, but is deposited into the soil and water. It can change from one form to another in water and soil depending on the conditions present and does is eventually deposited in soil and water.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 10% for oral and dermal intakes

Bli = 0% for inhalation

Non-carcinogenic Health Effects

In general, chromium (VI) compounds are more toxic than chromium (III) compounds.

Chromium (III) and chromium(VI) can penetrate human skin to some extent, especially if the skin is damaged. Absorbed chromium distributes to nearly all tissues, with the highest concentrations found in kidney and liver. Bone is also a major depot and may contribute to long-term retention kinetics or chromium. Chromium (VI) is reduced to chromium (III) via the intermediate forms of chromium (V), chromium (IV).

Chromium (VI) in blood is taken up into red blood cells, where it undergoes reduction and forms stable complexes with hemoglobin and other intracellular proteins, which are retained for a substantial fraction of the red blood cell lifetime. Absorbed chromium can be transferred to fetuses through the placenta and to infants via breast milk.

Most quantitative studies of the gastrointestinal absorption of chromium in humans have estimated the absorption fraction to be <10% of the ingested dose with more soluble forms being more rapidly absorbed than insoluble compounds. Absorption is also affected by nutritional status; the absorption fraction is higher when dietary intakes are lower.

Chromium (VI)

The primary effects associated with exposure to chromium(VI) compounds are respiratory, gastrointestinal, immunological, hematological, reproductive, and developmental. In addition, dermal and ocular irritation may occur from direct contact. Based on available dose-response data in humans and animals, the most sensitive noncancer effects of chromium(VI) compounds are respiratory (nasal and lung irritation, altered pulmonary function), gastrointestinal (irritation, ulceration and nonneoplastic lesions of the stomach and small intestine), hematological (microcytic, hypochromic anemia), and reproductive (effects on male reproductive organs, including decreased sperm count and histopathological change to the epididymis). Respiratory and gastrointestinal effects appear to be portal-of-entry effects for inhalation and oral exposure, respectively. Similarly, chromium sensitization, the major immunological effect of chromium(VI), typically presents as allergic contact dermatitis resulting from dermal exposures in sensitized individuals, although respiratory effects of sensitization (asthma) may also occur. Accidental or intentional ingestion of extremely high doses of chromium(VI) compounds by humans has resulted in severe respiratory, cardiovascular, gastrointestinal, hematological, hepatic, renal, and neurological effects as part of the sequelae leading to death or in patients who survived because of medical treatment.

Chromium (III)

Although much less information is available on the health effects of chromium (III) and chromium (III) compounds, they appear to be much less toxic than chromium (VI) compounds and are vital for normal metabolic activity. Health effects associated with exposure to chromium (III) compounds have been reported in studies of occupationally exposed populations and individuals; however, interpretation of study results is complicated by concomitant exposures to chromium (VI) or other compounds that can induce adverse health effects. Similarly, interpretation of findings in case reports of exposures to dietary supplements containing high-dose chromium(III)

are also complicated, since most supplements contain numerous chemicals; thus, the most reliable information on adverse health effects of chromium(III) is obtained from studies in animals.

The primary effects of chromium (III) compounds are on the respiratory and immunological systems. Respiratory effects appear to be portal-of-entry effects for inhalation exposure. Similarly, chromium allergic dermatitis, the major immunological effect of chromium (III), is typically elicited by dermal contact in sensitized individuals; however, initial sensitization may result from inhalation, oral, or dermal exposure or from a combination of these exposure routes. Conflicting results of studies in animals have been reported in developmental and reproductive studies of chromium (III) compounds; however, results provide evidence of adverse effects on the developing and adult reproductive system. Evidence of developmental or reproductive effects of chromium (III) in humans has not been identified. Based on results of chronic-duration oral studies in animals, chromium (III) compounds (chromium acetate, chromium chloride, chromium nicotinate, chromium oxide, chromium picolinate) do not appear to produce gastrointestinal, hematological, hepatic, renal, cardiovascular, endocrine, or musculoskeletal effects. This is in contrast to chromium (VI) compounds which produce effects in the gastrointestinal, hematological, hepatic and renal systems.

Carcinogenicity and Genotoxicity

Occupational exposure (via inhalation) to chromium (VI) compounds (calcium chromate, chromium trioxide, lead chromate, strontium chromate, and zinc chromate) in various industries has been associated with increased risk of respiratory system cancers, primarily bronchogenic and nasal. Environmental exposure of humans to chromium (VI) in drinking water resulted in statistically significant increases in stomach cancer.

No studies evaluating the carcinogenic activity of chromium (III) compounds in humans were identified and animal studies were inconclusive.

The International Agency for Research on Cancer (IARC) classified chromium (VI) as *carcinogenic to humans (Group 1)* and metallic chromium and chromium (III) compounds as *not classifiable as to their carcinogenicity to humans (Group 3)*.

In-vivo and in-vitro studies indicate chromium (VI) has genotoxic properties however there is no indication that chromium (III) exhibits genotoxic potential.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (1999) and enHealth (2004) are summarised in the following table.

Table 1: Published Dose-Response Values for Chromium (VI) and Chromium (III)

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Chromium (VI)					
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0014 mg/kg/day	NHMRC (2004)	
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0014 mg/kg/day	WHO (2008)	
Oral	Minimal Risk Level (MRL)	Threshold	0.001 mg/kg/day	ATSDR (2008)	
Oral	Reference Dose (RfD)	Threshold	0.003 mg/kg/day	USEPA (2011)	

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Minimal Risk Level (MRL)	Threshold	0.000005 mg/m^3	ATSDR (2008)	For chromium (VI) as chromium trioxide mist and other hexavalent chromium aerosols and mists. Not considered relevant to assessment of exposure to chromium (VI) particulates derived from contaminated soil.
Inhalation	Reference Concentration (RfC)	Threshold	0.0001 mg/m^3	USEPA (2011)	Chromium (VI) particulates
Inhalation	Unit Risk	Non threshold	0.04 $(ug/m^3)^{-1}$	WHO (2000a)	
Inhalation	Unit Risk	Non threshold	0.011-0.13 $(ug/m^3)^{-1}$	WHO (2000b)	
Inhalation	Unit Risk	Non threshold	0.012 $(ug/m^3)^{-1}$	USEPA (2011)	
Chromium (III)					
Oral	Reference Dose (RfD)	Threshold	1.5 mg/kg/day	USEPA (2011)	
Oral	Reference Dose (RfD)	Threshold	1.5 mg/kg/day	USEPA (2010)	
Inhalation	Minimal Risk Level (MRL)	Threshold	0.0001 mg/m^3	ATSDR (2008)	Intermediate duration inhalation exposure to soluble trivalent chromium particulate compounds

Adopted Threshold Dose-Response Values

Chromium (VI)

For assessment of potential threshold effects associated with oral exposure to chromium (VI), AECOM has adopted the minimal risk level (MRL) of 0.001 mg/kg/day adopted by ATSDR (2008).

For assessment of potential threshold effects associated with inhalation exposure to chromium (VI), AECOM has adopted the RfC of 0.0001 mg/m^3 published by USEPA (2010) for chromium (VI) particulates. Note that the ATSDR MRL of 0.000005 mg/m^3 for hexavalent chromium aerosols and mists was not considered relevant to assessment of exposure to chromium (VI) particulates derived from contaminated soil.

Chromium (III)

For assessment of potential threshold effects associated with oral exposure to chromium (III), AECOM has adopted the USEPA (2010) reference dose (RfD) of 1.5 mg/kg/day.

For assessment of potential threshold effects associated with inhalation exposure to chromium (III), AECOM has adopted the ATSDR (2008) intermediate duration MRL of 0.0001 mg/m^3. While this value was derived for intermediate exposure duration, it is considered likely to be suitably protective for assessment of chromium (III) given that:

- The ATSDR MRL is identical to the USEPA (2010) RfC for chromium (VI); and

- chromium (III) compounds appear to be much less toxic than chromium (VI) compounds.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

Chromium (VI)

To AECOM's knowledge, non-threshold dose-response criteria for oral exposure to chromium (VI) have not been published by Australian or other regulatory bodies. Potential health effects associated with oral exposure to chromium (VI) have therefore been assessed on the basis of threshold dose response criteria.

For assessment of potential non-threshold effects associated with inhalation exposure to chromium (IV), AECOM has adopted the unit risk of 0.04 $(ug/m3)^{-1}$ published by WHO (2000a).

Chromium (III)

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to chromium (III) have not been published by Australian or other regulatory bodies. Potential health effects associated with oral or inhalation exposure to chromium (III) have therefore been assessed on the basis of threshold dose response criteria.

References

ATSDR, 2010. *Toxicological Profile for Cadmium*. Agency for Toxic Substances and Disease Registry. September 2008.

enHealth, 2004. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2004.

National Health and Medical Research Council (2004), *Australian Drinking Water Guidelines (ADWG)*.

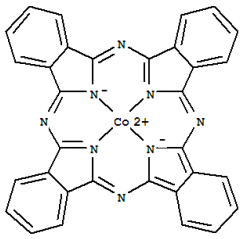
NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

USEPA, 2010. *Regional Screening Levels for Chemical Contaminants at Superfund Sites.* Available on-line at: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm. Tables accessed last updated November 2010.

USEPA, 2011. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed May 2011.

WHO 2000a. *Air Water Guidelines for Europe.* World Health Organisation, 2000.

WHO 2000b. *Air Water Guidelines Global.* World Health Organisation,2000.



Cobalt – Toxicological profile

The following information has been taken from ATSDR (2004):

General

Cobalt and its alloys are used in a number of military and industrial applications such as the manufacture of aircraft engines, magnets, and grinding and cutting tools as well as artificial hip and knee joints.

Soils near ore deposits, phosphate rocks, or ore smelting facilities, and soils contaminated by airport traffic, highway traffic, or other industrial pollution may contain high concentrations of cobalt. Small amounts of cobalt may be released into the atmosphere from coal-fired power plants and incinerators, vehicular exhaust, industrial activities relating to the mining and processing of cobalt-containing ores, and the production and use of cobalt alloys and chemicals.

Cobalt released into water may stick to particles in the water column or to the sediment at the bottom of the body of water into which it was released, or remain in the water column in ionic form. The specific fate of cobalt will depend on many factors such as the chemistry of the water and sediment at a site as well as the cobalt concentration and water flow. Cobalt deposited on soil is often strongly attached to soil particles and therefore would not travel very far into the ground. However, the form of the cobalt and the nature of the soil at a particular site will affect how far cobalt will penetrate into the soil. Both in soil and sediment, the amount of cobalt that is mobile will increase under more acidic conditions. Ultimately, most cobalt ends up in the soil or sediment.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 20% for oral and dermal intakes

Bli = 0% for inhalation

Non-carcinogenic Health Effects

Following inhalation exposure to cobalt-containing particles, the primary target of exposure is the respiratory tract. Occupational exposure of humans to cobalt metal or cobalt-containing hard metal have reported primarily respiratory effects, including decreased pulmonary function, asthma, interstitial lung disease, wheezing, and dyspnea. Many of the respiratory tract effects are believed to be the result of the generation of oxidants and free radicals by the cobalt ion. In particular, hard metal (a tungsten carbide/cobalt alloy) is a potent generator of free electrons, resulting in the generation of active oxygen species. However, some of the respiratory effects, such as cobalt-induced asthma, are likely the result of immunosensitization to cobalt. Other sensitive targets of cobalt inhalation in humans include effects on the thyroid and allergic dermatitis, manifesting as eczema and erythema; it is believed that the allergic dermatitis is due, at least in part, to concurrent dermal exposure and the development of immunosensitization to cobalt.

Adequate chronic studies of the oral toxicity of cobalt or cobalt compounds in humans and animals are not presently available. The most sensitive endpoint following oral exposure to cobalt in humans appears to be an increase in erythrocyte numbers (polycythemia).

Following dermal exposure, the most commonly observed effect is dermatitis which is likely caused by an allergic reaction to cobalt with the cobalt ion functioning as a hapten.

Carcinogenicity and Genotoxicity

Studies in animals have indicated a lifetime inhalation of cobalt sulfate resulted in increased tumor incidences in animals however human data were not available. Oral data on the carcinogenic effects of cobalt and cobalt compounds are not available. IARC has classified cobalt and cobalt compounds as possibly carcinogenic to humans (Group 2B).

In-vivo and in-vitro studies indicate cobalt has genotoxic properties.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (1999) and enHealth (2004) are summarised in the following table.

Table 1: Published Dose-Response Values for Cobalt

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Minimal Risk Level (MRL)	Threshold	0.01 mg/kg/day	ATSDR (2004)	Intermediate duration
Oral	Reference Dose (RfD)	Threshold	0.0003 mg/kg/day	USEPA (2010)	PPRTV value
Oral	Reference Dose (RfD)	Threshold	0.0014 mg/kg/day	RIVM (2001)	Oral TRV.
Inhalation	Minimal Risk Level (MRL)	Threshold	0.0001 mg/m^3	ATSDR (2004)	Chronic duration
Inhalation	Reference Concentration (RfC)	Threshold	0.000006 mg/m^3	ATSDR (2004)	PPRTV value
Inhalation	Reference Concentration (RfC)	Threshold	0.0001 mg/m^3	WHO (2006)	Inhalation TRV.

PPRTV- peer reviewed toxicity value

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to cobalt, AECOM has adopted an RfD of 0.0014 mg/kg/day (RIVM, 2001).

For assessment of potential threshold effects associated with inhalation exposure to cobalt, AECOM has adopted the minimal risk level (MRL) value for chronic duration exposure of 0.0001 mg/m^3 published by WHO (2006).

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to cobalt have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to cobalt have therefore been assessed on the basis of threshold dose response criteria.

References

ATSDR, 2004. *Toxicological Profile for Cobalt*. Agency for Toxic Substances and Disease Registry. April 2004.

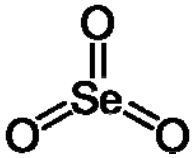
enHealth, 2004. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2004.

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

RIVM, 2001. *Re-evaluation of human-toxicological Maximum Permissible Risk levels, National Institute of Public Health and the Environment*, Bilthoven, Netherlands.

USEPA, 2010. *Regional Screening Levels for Chemical Contaminants at Superfund Sites.* Available on-line at: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm. Tables accessed last updated November 2010.

WHO, 2006. *Cobalt and Inorganic Cobalt Compounds. Concise International Chemical Assessment Document 69.* World Health Organisation.



Selenium – Toxicological profile

The following information has been taken from ATSDR (2003):

General

Selenium is naturally occurring in the environment and is an essential micronutrient for humans and animals. The principal source of selenium in the environment is from the combustion of coal (and rubber manufacturing and metal industry) however natural sources are the result of weathering of selenium containing rocks, soils and from volcanic eruptions. Selenium is found in most rocks and soils and is naturally occurring at low concentrations in surface and groundwater.

The general public is exposed to selenium primarily by ingestion of the naturally occurring inorganic and organic forms. Selenium exposure can also occur via exposure to contaminated air and water.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 60% for oral and dermal intakes

Bli = 60% for inhalation

Non-carcinogenic Health Effects

Relatively little information is available on the health effects of excessive inhalation of selenium. The primary target organ in humans and laboratory animals exposed to high levels of selenium in air is the lungs, with cardiovascular, hepatic, nervous and renal involvement also observed. Acute and chronic exposure is associated with headaches and stomach pain.

Acute oral exposure to high levels of selenium produces nausea, vomiting and diarrhea in both humans and laboratory animals and is occasionally associated with cardiovascular symptoms in humans. An epidemiological study of chronic oral exposure to selenium has been described in the People's Republic of China where chronic oral intake has been reported to produce selenosis (gastrointestinal disorders, hair loss, sloughing of nails, fatigue, irritability and neurological damage) in humans with neurological and dermal symptoms. Similar effects have been reported in animals and there is some evidence of endocrine effects following long term oral exposure in both humans and rats.

Carcinogenicity and Genotoxicity

The International Agency for Research on Cancer (IARC) has determined that selenium and selenium compounds are not classifiable with regard to their carcinogenicity in humans.

Very high amounts of selenium have caused reproductive problems in male and female rates and changes in the menstrual cycles of monkeys. The relevance to humans in unknown. Selenium compounds have not been shown to cause birth defects in humans or other mammals.

Selenium and selenium compounds have been observed to have both genotoxic and antigenotoxic effects however the underlying mechanisms are yet to be elucidated.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (1999) and enHealth (2004) are summarised in the following table.

Table 1: Published Dose-Response Values for Selenium

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Acceptable Daily Intake (ADI)	Threshold	0.24 mg/kg/day	NHMRC (2004))	
Oral	Acceptable Daily Intake (ADI)	Threshold	0.004 mg/kg/day	WHO (2008)	

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Minimum Risk Level (MRL)	Threshold	0.005 mg/kg/day	ATSDR (2003)	Chronic oral exposure
Oral	Reference Dose (RfD)	Threshold	0.005 mg/kg/day	USEPA (2011a)	
Inhalation	Reference Concentration (RfC)	Threshold	0.02 mg/m^3	USEPA (2011b)	

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to selenium, AECOM has adopted the RfD of 0.006 mg/kg/day adopted by NHMRC (2006).

As reference concentration data for selenium inhalation have not been published the RfD has been converted to RfC (RfC = (body weight x RfD)/ inhalation rate, where body weight is assumed to be 70 kgs and inhalation rate equal to 20 m3/day) and the RfC of 0.021 mg/m3 accepted.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to selenium have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to selenium have therefore been assessed on the basis of threshold dose response criteria.

References

ATSDR, 2003. *Toxicological Profile for Selenium*. Agency for Toxic Substances and Disease Registry. August, 2007.

enHealth, 2004. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2004.

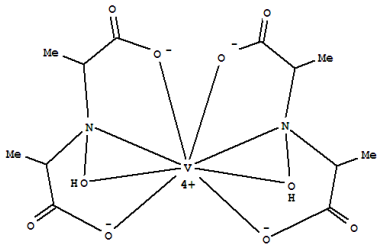
NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

NHMRC 2004, *Australian Drinking Water Guidelines (ADWG)*. National Health and Medical Research Council , 2004.

USEPA, 2011a. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Centre for Environmental Assessment, Office of Research and Development. Accessed Aug 2011.

USEPA, 2011b. *Regional Screening Levels for Chemical Contaminants at Superfund Sites*. Available from: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm. Issued June 2011.

WHO, 2008. *Guidelines for Drinking-water Quality. First and Second Addenda to the Third-Edition. Volume 1. Recommendations.* World Health Organization.



Vanadium – Toxicological profile

The following information has been taken from ATSDR (2009):

General

Vanadium occurs naturally in soil, water and air and is found in continental dust, marine aerosols, and volcanic emissions. Releases of vanadium to the environment are mainly associated with industrial sources, especially oil refineries and power plants using vanadium rich fuel oil and coal. Global human made release of vanadium to the environment has been estimated to be greater than releases due to natural sources. Vanadium is used in the production of rust-resistant springs and high-speed tool steels and vanadium compounds are used in the production of magnets and dietary supplements.

Vanadium particles in the air settle to the ground or are washed out of the air by rain. Smaller particles, such as those emitted from oil-fueled power plants, may stay in the air for longer and are more likely to be transported farther away from the site of release. The transport and partitioning of vanadium in water and soil is influenced by many factors including acidity of the water or soil and the presence of particulates. Vanadium can either be dissolved in water as dissolved ions or adsorbed to particulate matter. As most foods have naturally occurring low concentrations of vanadium the consumption of vanadium-containing supplements may result in intakes of vanadium that would exceed intakes from food and water.

Populations in areas with high levels of residual fuel oil consumption may also be exposed to above-background levels of vanadium, both from increased particulate deposition upon food crops and soil in the vicinity of power plants. Most people take in very little vanadium from breathing. Individuals exposed to cigarette smoke may also be exposed to higher than background levels of vanadium.

Significance of Exposure Pathways and Background

Background intakes are considered to be negligible and therefore AECOM have adopted an intake percentage of 0%.

Non-carcinogenic Health Effects

The general population can be exposed to vanadium primarily through oral and inhalation routes of exposure.

Adverse respiratory effects have been reported in humans and animals exposed to vanadium compounds at concentrations much higher than those typically found in the environment. Although the available data in humans are limited, signs of airway irritation (e.g., coughing, wheezing, sore throat) have been reported in subjects acutely exposed to vanadium and in workers exposed to vanadium pentoxide dust. These effects have persisted for days to weeks after exposure termination and are not always associated with decreased lung function. Studies in laboratory animals provide strong support that the respiratory tract is the most sensitive target following inhalation exposure to vanadium causing alveolar/bronchiolar hyperplasia, inflammation, and fibrosis in rats and mice exposed to vanadium pentoxide (chronic and acute exposure). Longer duration exposures also result in inflammation and hyperplasia in the larynx and hyperplasia in nasal goblet cells.

Other sensitive targets of vanadium toxicity include the gastrointestinal system following oral exposure and hematological system following inhalation or oral exposure. Symptoms of gastrointestinal irritation (diarrhea, cramps, nausea) have been observed in humans following bolus administration of sodium metavanadate or vanadyl sulfate.

In animals vanadium exposure is associated with microcytic erythrocytosis (decreases in hematocrit, hemoglobin, and mean cell volume and increases in reticulocytes and nucleated erythrocytes) which has been observed in rats exposed to vanadium and vanadium pentoxide.

Information on the potential of vanadium to induce developmental effects in humans is limited, but developmental effects have been observed in laboratory animals and include decreases in pup growth, decreases in pup survival and skeletal malformations.

Carcinogenicity and Genotoxicity

No studies have examined the carcinogenic potential of vanadium in humans. An increase in lung carcinoma incidence has been observed in mice chronically exposed to vanadium pentoxide; there is also marginal evidence for lung cancer in male rats (incidence of carcinoma was higher than historical controls but not concurrent controls). Carcinogenicity has not been adequately assessed in laboratory animals following oral exposure. The International Agency for Research on Cancer (IARC) has determined that vanadium pentoxide is possibly carcinogenic (Group 2B) to humans, but other forms of vanadium have not been classified by IARC or the USEPA.

In-vivo and In-vitro studies suggest vanadium compounds are genotoxic and cause clastogenic effects and DNA damage.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (1999) and enHealth (2004) are summarised in the following table.

Table 1: Published Dose-Response Values for Vanadium

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Minimal Risk Level (MRL)	Threshold	0.01 mg/kg/day	ATSDR (2012)	Intermediate duration
Oral	Reference Dose (RfD)	Threshold	0.009 mg/kg/day	USEPA (2011)	For vanadium pentoxide
Oral	Reference Dose (RfD)	Threshold	0.005 mg/kg/day	USEPA (2010)	For vanadium and compounds
Inhalation	Reference Concentration (RfC)	Threshold	0.001 mg/m^3	WHO (2000)	
Inhalation	Minimal Risk Level (MRL)	Threshold	0.0001 mg/m^3	ATSDR (2009)	Chronic duration

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to vanadium compounds, AECOM has adopted the minimal risk level (MRL) value of **0.01 mg/kg/day** (ATSDR, 2012).

For assessment of potential threshold effects associated with inhalation exposure to vanadium compounds, AECOM has adopted the health based guideline value of **0.001 mg/m^3** derived by WHO (2000).

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to vanadium compounds have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to vanadium compounds have therefore been assessed on the basis of threshold dose response criteria.

References

ATSDR, 2012. *Toxicological Profile for Vanadium*. Agency for Toxic Substances and Disease Registry. September, 2012.

enHealth, 2004. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2004.

NEPC, 1999. *Schedule B(4) Guideline on Health Risk Assessment Methodology.* In: National Environment Protection (Assessment of Site Contamination) Measure. National Environment Protection Council.

USEPA, 2011. *Integrated Risk Information System (IRIS).* Electronic database maintained by the United States Environmental Protection Agency National Center for Environmental Assessment, Office of Research and Development. Accessed April 2011.

USEPA, 2015. *Regional Screening Levels for Chemical Contaminants at Superfund Sites.* Available on-line at: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm. June 2015.

WHO, 2000. *Air Quality Guidelines for Europe. Second Edition.* World Health Organization (WHO), Regional Office for Europe. WHO Regional Publications, European Series, No. 91. 2000.

Appendix F

Risk Estimates

1. Scenario 1, Risk Estimates Based on 24 hour Maximum Concentrations

Selection Toxicity Data - Inhalation Pathway

Adopted Toxicity Data
Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium

Individual Compounds	Inhalation Unit Risk (IUR) (a) $(\mu g/m^3)^{-1}$	Source	Reference Concentration (RfC) $(\mu g/m^3)$	Source	Background Exposure Allocation (%) (b)	Source	Background Adjusted Reference Concentration (RfC) $(\mu g/m^3)$
arsenic	-	-	1	RIVM (2000).	0%	ASC NEPM (2013).	1
cadmium	-	-	0.005	WHO (2000a).	20%	ASC NEPM (2013).	0.004
chromium VI	-	-	0.1	US EPA IRIS (2016).	0%	ASC NEPM (2013).	0.1
lead	-	-	0.5	WHO (2000a).	0%	Negligible.	0.5
mercury	-	-	0.2	WHO (2003).	10%	ASC NEPM (2013).	0.18
nickel	-	-	0.02	EA (2009).	20%	ASC NEPM (2013).	0.016
selenium	-	-	21	NHMRC (2006). Converted from RfD of 0.006 mg/kg/day.	60%	ASC NEPM (2013).	8.4
vanadium	-	-	1	WHO (2000b).	0%	Negligible.	1
dioxins and furans	-	-	0.00000805	DEH (2005). Converted NHMRC TMI (70 pg/kg body weight/month) to TDI (2.3×10^{-9} mg/kg/day) to RfC.	57% (c)	DEH (2005)	0.00000346

Notes
CSF - Cancer slope factor.
IUR - Inhalation unit risk.
RfC - Reference concentration.
RfD - Reference dose.
TDI - Tolerable daily intake.
TMI - Tolerable monthly intake.
(a) Those compounds with inhalation unit risk (IUR) values were considered to be carcinogens as part of this assessment. It should be noted that some compounds were assessed as both a carcinogen and non-carcinogen e.g. benzene.
(b) In absence of compound-specific background exposure data, the background exposure for semi or volatile CoPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation adopted by CRC CARE (2011) during derivation of the Health Screening Levels (HSLs).
(c) In DEH (2005), the mean average lifetime daily exposure (ALDE) was estimated as 1.32 TEQ pg/kg bw/day which equates to 40.15 TEQ pg/kg bw/month. The monthly ALDE is 57% of the NHMRC TMI (70 pg/kg bw/month).

References
ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
ASC NEPM (2013) - National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) 1999, National Environment Protection Council (NEPC), as amended and in force on 16 May 2013.
EA (2009) Contaminants of soil: updated collation of toxicological data and intake values for humans, nickel. Science Report SC050021/TOX8, May 2009.
DEH (2005) National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra.
Friebel & Nadebaum (2011) Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document. CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.
IPCS - International Programme on Chemical Safety
IRIS (2016) - Integrated Risk Information System (US EPA)
NHMRC (2006) Nutrient Reference Values for Australia and New Zealand including Recommended Dietary Intakes. National Health and Medical Research Council (NHMRC), Commonwealth of Australia, Canberra, Australia.
RIVM - National Institute for Public Health and the Environment
WHO (2000a) Air Quality Guidelines for Europe. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.
WHO (2000b) Guidelines for Air Quality. World Health Organization, Geneva.
WHO (2003) Concise International Chemical Assessment Document 50 (CICAD 50), Elemental Mercury and Inorganic Mercury Compounds: Human Health Aspects. World Health Organisation, Geneva.
WHO (2010) Guidelines for Indoor Air Quality. World Health Organization, Geneva.
WHO (2011) Guidelines for Drinking Water Quality. Fourth Edition. World Health Organization, Switzerland.

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 24-hr Maximum (annual average)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration 24-hr Maximum (annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	2.51E-05	1	0%	1	-	-	-	2.51E-05	2.51E-05	-	-	2.51E-05	2.51E-05
cadmium	2.99E-04	0.005	20%	0.004	-	-	-	2.99E-04	7.48E-02	-	-	2.99E-04	7.48E-02
chromium VI	3.10E-04	0.1	0%	0.1	-	-	-	3.10E-04	3.10E-03	-	-	3.10E-04	3.10E-03
lead	1.19E-03	0.5	0%	0.5	-	-	-	1.19E-03	2.38E-03	-	-	1.19E-03	2.38E-03
mercury	2.12E-03	0.2	10%	0.18	-	-	-	2.12E-03	1.18E-02	-	-	2.12E-03	1.18E-02
nickel	3.02E-04	0.02	20%	0.016	-	-	-	3.02E-04	1.89E-02	-	-	3.02E-04	1.89E-02
selenium	5.59E-05	21	60%	8.4	-	-	-	5.59E-05	6.65E-06	-	-	5.59E-05	6.65E-06
vanadium	3.82E-05	1	0%	1	-	-	-	3.82E-05	3.82E-05	-	-	3.82E-05	3.82E-05
dioxins and furans	5.08E-10	0.00000805	57%	3.4615E-06	-	-	-	5.08E-10	1.47E-04	-	-	5.08E-10	1.47E-04
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**1.11E-01**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**1.11E-01**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 24-hr Maximum (annual average)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration 24-hr Maximum (annual average) (µg/m3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	8.36E-06	1	0%	1	-	-	-	6.97E-07	6.97E-07	-	-	6.97E-07	6.97E-07
cadmium	9.12E-05	0.005	20%	0.004	-	-	-	7.60E-06	1.90E-03	-	-	7.60E-06	1.90E-03
chromium VI	9.76E-05	0.1	0%	0.1	-	-	-	8.13E-06	8.13E-05	-	-	8.13E-06	8.13E-05
lead	3.62E-04	0.5	0%	0.5	-	-	-	3.02E-05	6.03E-05	-	-	3.02E-05	6.03E-05
mercury	9.55E-04	0.2	10%	0.18	-	-	-	7.96E-05	4.42E-04	-	-	7.96E-05	4.42E-04
nickel	9.26E-05	0.02	20%	0.016	-	-	-	7.72E-06	4.82E-04	-	-	7.72E-06	4.82E-04
selenium	1.68E-05	21	60%	8.4	-	-	-	1.40E-06	1.67E-07	-	-	1.40E-06	1.67E-07
vanadium	1.15E-05	1	0%	1	-	-	-	9.59E-07	9.59E-07	-	-	9.59E-07	9.59E-07
dioxins and furans	2.29E-10	0.00000805	57%	3.4615E-06	-	-	-	1.91E-11	5.50E-06	-	-	1.91E-11	5.50E-06
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**2.97E-03**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**2.97E-03**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\ \left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Ground Level Concentration 24-hr Maximum (annual average)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration 24-hr Maximum (annual average) (µg/m3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	1.94E-05	1	0%	1	-	-	-	4.79E-06	4.79E-06
cadmium	2.34E-04	0.005	20%	0.004	-	-	-	5.76E-05	1.44E-02
chromium VI	2.42E-04	0.1	0%	0.1	-	-	-	5.96E-05	5.96E-04
lead	9.31E-04	0.5	0%	0.5	-	-	-	2.30E-04	4.59E-04
mercury	1.47E-03	0.2	10%	0.18	-	-	-	3.62E-04	2.01E-03
nickel	2.35E-04	0.02	20%	0.016	-	-	-	5.81E-05	3.63E-03
selenium	4.37E-05	0.000043704	60%	8.4	-	-	-	1.08E-05	1.28E-06
vanadium	2.99E-05	0.000029903	0%	1	-	-	-	7.37E-06	7.37E-06
dioxins and furans	3.51E-10	0.00000805	57%	3.4615E-06	-	-	-	8.64E-11	2.50E-05
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**2.11E-02**

Potential Concentration in Soils Following Dust Deposition
Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium

Concentration in Soils

$$C_s = \frac{DR \times (1 - e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for each receptor.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/$T^{0.5}$	See below		Calculated using equation ln(2)/$T^{0.5}$.
$T^{0.5}$	Chemical half-life in soil (years)	100		was adopted in the absence of published data to account for the slow (or no) breakdown in the environment. NHMRC (2002) for dioxins and furans (surface soil).
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the thermal waste processing facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of plants.
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

Resident

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	2.10E-05	0.01	100	3.01E-05	2.01E-06
cadmium	2.47E-04	0.01	100	3.55E-04	2.37E-05
chromium	2.58E-04	0.01	100	3.69E-04	2.46E-05
lead	9.85E-04	0.01	100	1.41E-03	9.43E-05
mercury	1.83E-03	0.01	100	2.62E-03	1.75E-04
nickel	2.50E-04	0.01	100	3.58E-04	2.39E-05
selenium	4.61E-05	0.01	100	6.62E-05	4.41E-06
vanadium	3.16E-05	0.01	100	4.53E-05	3.02E-06
dioxins and furans	1.70E-09	0.05	15	1.52E-09	1.01E-10

Recreational User

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	2.64E-06	0.01	100	3.79E-06	2.53E-07
cadmium	3.03E-05	0.01	100	4.35E-05	2.90E-06
chromium	3.19E-05	0.01	100	4.57E-05	3.05E-06
lead	1.20E-04	0.01	100	1.73E-04	1.15E-05
mercury	2.34E-04	0.01	100	3.36E-04	2.24E-05
nickel	3.06E-05	0.01	100	4.40E-05	2.93E-06
selenium	5.62E-06	0.01	100	8.06E-06	5.37E-07
vanadium	3.84E-06	0.01	100	5.52E-06	3.68E-07
dioxins and furans	5.19E-10	0.05	15	4.63E-10	3.09E-11

Commercial Worker

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	5.78E-06	0.01	100	8.29E-06	5.53E-07
cadmium	6.89E-05	0.01	100	9.89E-05	6.59E-06
chromium	7.15E-05	0.01	100	1.03E-04	6.84E-06
lead	2.75E-04	0.01	100	3.94E-04	2.63E-05
mercury	3.85E-04	0.01	100	5.53E-04	3.68E-05
nickel	6.95E-05	0.01	100	9.97E-05	6.65E-06
selenium	1.29E-05	0.01	100	1.85E-05	1.23E-06
vanadium	8.81E-06	0.01	100	1.26E-05	8.43E-07
dioxins and furans	7.13E-10	0.05	15	6.36E-10	4.24E-11

References:

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
Stevens. B, 1991. 2,3,7,8-tetrachlorobenzo-p-dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health. Presented in: Health Effects of Municipal Waste Incineration. Edited by Holly A.
Howard et al., 1991. *Handbook of Environmental Degradation Rates.* Howard. P, Boethling. R, Jarvis. W, Meylan. W and Michalenko. E. Lewis Publishers, Chelsea, Michigan.
McKenzie et al., 2004. *Australian Soils and Landscapes: An Illustrated Compendium.* McKenzie. N, Jacquier. D, Isbell. R and Brown. K. CSIRO Publishing, Collingwood, Victoria.
NHMRC, 2002. *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians.* National Health and Medical Research Council. 24 October 2002.
Paustenbach et.al., 1992. Recent developments on the hazards posed by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in soil: Implications for setting risk-based cleanup levels at residential and industrial sites. Paustenbach DJ,

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General Information:

Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour

Receptor:
Residential (with soil access)

Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:

Enter "x" in box for potentially complete pathways

Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)
Groundwater Pathways	
	Ingestion of potable groundwater
	Inhalation of groundwater-derived vapours in indoor air
	Inhalation of groundwater-derived vapours in outdoor air
	Inhalation of groundwater vapours during irrigation/ showering
	Inhalation of vapour emissions from groundwater seepage in an excavation
	Inhalation of vapour emissions from groundwater seepage in a basement
	Incidental ingestion of groundwater seepage in an excavation
	Dermal contact with groundwater seepage in an excavation
	Incidental ingestion of groundwater during showering/bathing
	Dermal contact with groundwater during showering/bathing
	Incidental ingestion of groundwater during food preparation and cleanup
	Dermal contact with groundwater during food preparation and cleanup
	Incidental ingestion of groundwater during domestic laundry
	Dermal contact with groundwater during domestic laundry
	Dermal contact with groundwater residues after washing clothes
	Incidental ingestion of groundwater during household cleaning
	Dermal contact with groundwater during household cleaning
	Incidental ingestion of groundwater residues after washing floors
	Dermal contact with groundwater residues after washing floors
	Incidental ingestion of groundwater during sprinkler play
	Dermal contact with groundwater during sprinkler play
	Incidental ingestion of groundwater during washing of animals
	Dermal contact with groundwater during washing of animals
	Incidental ingestion of groundwater residues after washing animals
	Dermal contact with groundwater residues after washing companion animals
	Incidental ingestion of groundwater during washing of vehicles
	Dermal contact with groundwater during washing of vehicles
	Incidental ingestion of groundwater during irrigation
	Dermal contact with groundwater during irrigation
	Incidental ingestion of groundwater used in home swimming pools
	Dermal contact with groundwater used in home swimming pools
Soil Vapour Pathways	
	Inhalation of soil vapour-derived vapours in indoor air
	Inhalation of soil vapour-derived vapours in outdoor air
Sediment Pathways	
	Incidental ingestion of sediment
	Dermal contact with sediment
Surface Water Pathways	
	Incidental ingestion of surface water during fishing
	Dermal contact with surface water during fishing
	Incidental ingestion of surface water during boating
	Dermal contact with surface water during boating
	Incidental ingestion of surface water during swimming in creeks/rivers
	Dermal contact with surface water during swimming in creeks/rivers
Dietary Pathways	
x	Ingestion of breast milk by infants
x	Ingestion of home grown eggs
	Ingestion of fish
	Ingestion of shellfish
	Ingestion of beef
	Ingestion of lamb
	Ingestion of rabbit
	Ingestion of milk from livestock
x	Ingestion of home grown green vegetables
x	Ingestion of home grown fruit
N	Soil RBSLs saturation limited?
-	Groundwater RBSLs solubility limited?

Chemicals for Quantitative Assessment:	**Exposure Point Concentrations**						
	Soil Surface (mg/kg)	**Soil Plant Root Zone (mg/kg)**	**Human Breast Milk (mg/L)**	**Egg (mg/kg)**	**Pasture Plant (mg/kg)**	**Fruit (mg/kg)**	**Green Vegetables (mg/kg)**
Arsenic, Inorganic	3.01E-05	2.01E-06	modelled	modelled	modelled	modelled	modelled
Cadmium	3.55E-04	2.37E-05	modelled	modelled	modelled	modelled	modelled
Chromium(VI)	3.69E-04	2.46E-05	modelled	modelled	modelled	modelled	modelled
Lead	Refer to blood lead model	9.43E-05	modelled	modelled	modelled	modelled	modelled
Mercury (elemental)	2.62E-03	1.75E-04	modelled	modelled	modelled	modelled	modelled
Nickel	3.58E-04	2.39E-05	modelled	modelled	modelled	modelled	modelled
Selenium	6.62E-05	4.41E-06	modelled	modelled	modelled	modelled	modelled
Vanadium	4.53E-05	3.02E-06	modelled	modelled	modelled	modelled	modelled
2,3,7,8-Tetrachlorodibenzodioxin	1.52E-09	1.01E-10	modelled	modelled	modelled	modelled	modelled

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	50	100	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	20	20	enHealth (2012)	enHealth (2012)
Exposure frequency (indoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	1.30E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	4	4	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.90E+10	2.90E+10	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Ingestion of potable groundwater					
Potable water intake rate	L/day	-	-	-	-
Exposure frequency for potable water intake	days/yr	-	-	-	-
Ingestion of human breast milk by infants					
Exposure frequency	days/yr	-	365	-	enHealth (2012b) / ASC NEPM 2013
Exposure duration	years	-	1	-	enHealth (2012b) / ASC NEPM 2013
Infant body weight	kg	-	6	-	enHealth (2012b) / ASC NEPM 2013
Breast milk intake rate	L/day	-	0.85	-	enHealth (2012b)
Incidental ingestion and dermal contact with groundwater seepage in an excavation					
Exposure frequency for incidental water ingestion	days/yr	-	-	-	-
Exposure frequency for dermal water contact	days/yr	-	-	-	-
Exposure time for dermal water contact	hr/day	-	-	-	-
Event frequency for dermal water contact	events/day	-	-	-	-
Incidental ingestion rate	L/day	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Inhalation of groundwater vapours during irrigation/ showering					
Exposure frequency (shower/sprinkler)	days/yr	-	-	-	-
Exposure time (shower/sprinkler)	min/ day	-	-	-	-
Inhalation rate shower / sprinkler	m^3/hr	-	-	-	-
Inhalation absorption adjustment factor	mg/mg	-	-	-	-
Lung retention factor	unitless	-	-	-	-
Inhalation of vapour emissions from groundwater seepage in a basement					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/year	-	-	-	-
Incidental ingestion and dermal contact with groundwater during showering/bathing					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/event	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during food preparation and cleanup					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during domestic laundry					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Dermal contact with groundwater residues on fabric after washing clothes					
Exposure frequency	days/yr	-	-	-	-
Exposed skin surface for clothing contact	cm^2	-	-	-	-
Dermal absorption adjustment factor	unitless	-	-	-	-
Incidental ingestion and dermal contact with groundwater during household cleaning					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Ingestion of eggs					
Daily egg ingestion rate	g/day	78.0	44.3	ABS, 2014	ABS, 2014
Exposure frequency for egg ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily egg intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown fruit					
Daily plant ingestion rate	g/day	212.2	198.0	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown green vegetables					
Daily plant ingestion rate	g/day	296.8	345.9	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013

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Calculation of Intake of Contaminants by Mother
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

	Chronic Daily Intake by Mother via		Chronic Daily	Chronic Daily Intake by Mother via Ingestion Pathways			
Chemical	Inhalation of Surface Soil-Derived Dust in Indoor Air	Inhalation of Surface Soil-Derived Dust in Outdoor Air	Dermal Contact with Soil	Incidental Ingestion of Soil	Ingestion of Eggs from Poultry	Investigation of Fruit and Vegetables	Cumulative Chronic Daily Intake by Mother
	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day
Arsenic, Inorganic	2.07E-13	1.86E-17	6.78E-12	2.15E-11	3.56E-13	1.53E-09	1.55E-09
Cadmium	2.44E-12	2.19E-16	-	2.54E-10	1.69E-12	2.31E-08	2.34E-08
Chromium(VI)	2.54E-12	2.28E-16	-	2.64E-10	1.55E-11	2.43E-08	2.46E-08
Lead	-	-	-	-	3.33E-12	7.10E-08	7.10E-08
Mercury (elemental)	1.80E-11	1.61E-15	1.18E-10	1.87E-09	7.49E-10	5.64E-09	8.40E-09
Nickel	-	-	8.06E-11	2.56E-10	1.04E-10	1.86E-08	1.91E-08
Selenium	4.55E-13	4.08E-17	-	4.73E-11	6.46E-12	3.59E-09	3.65E-09
Vanadium	-	-	-	3.24E-11	0.00E+00	2.41E-09	2.44E-09
2,3,7,8-Tetrachlorodibenzodioxin	1.04E-17	9.34E-22	2.05E-15	1.08E-15	8.64E-16	4.21E-14	4.61E-14

Calculation of Contaminants in Human Milk from Environmental Data
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Chronic Daily Intake by Mother	Half-life of Chemicals in Body ($t_{1/2}$)	Fraction of Ingested Chemical Stored in Fat	Fraction of Mothers Weight that is Fat	Concentration in Human Breast Milk (C_{BM})
	mg/kg/day	days	Unitless	Unitless	mg/L
Arsenic, Inorganic	1.55E-09	6.00E+01	9.00E-01	3.50E-01	3.46E-07
Cadmium	2.34E-08	1.28E+04	9.00E-01	3.50E-01	1.11E-03
Chromium(VI)	2.46E-08	8.34E+01	9.00E-01	3.50E-01	7.62E-06
Lead	7.10E-08	1.10E+04	9.00E-01	3.50E-01	2.89E-03
Mercury (elemental)	8.40E-09	3.65E+03	9.00E-01	3.50E-01	1.14E-04
Nickel	1.91E-08	1.63E+00	9.00E-01	3.50E-01	1.15E-07
Selenium	3.65E-09	3.40E+01	9.00E-01	3.50E-01	4.60E-07
Vanadium	2.44E-09	1.67E+00	9.00E-01	3.50E-01	1.51E-08
2,3,7,8-Tetrachlorodibenzodioxin	4.61E-14	2.56E+03	9.00E-01	3.50E-01	4.37E-10

Calculation of Concentration in Green Vegetables from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration (Cs)	Green Vegetable Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Green Vegetables
	mg/kg	mg/kg per mg/kg	g/s	unitless	$s/m^2/year$	mg/kg	mg/kg
Arsenic, Inorganic	2.0E-06	0.00043	7.53E-06	6.00E-03	2.79E-03	1.91E-07	1.9E-07
Cadmium	2.4E-05	0.052	1.03E-04	9.00E-03	2.41E-03	2.24E-06	3.5E-06
Chromium(VI)	2.5E-05	0.0324	1.16E-04	9.00E-03	2.23E-03	2.33E-06	3.1E-06
Lead	9.4E-05	0	4.28E-04	7.00E-03	2.30E-03	8.94E-06	8.9E-06
Mercury (elemental)	1.7E-04	0.0069	8.73E-04	1.00E+00	2.09E-03	0.00E+00	1.2E-06
Nickel	2.4E-05	0.0043	1.36E-04	9.00E-03	1.84E-03	2.26E-06	2.4E-06
Selenium	4.4E-06	0.0108	1.87E-05	0.00E+00	2.47E-03	4.22E-07	4.7E-07
Vanadium	3.0E-06	0.0055	1.27E-05	0.00E+00	2.49E-03	2.88E-07	3.1E-07
2,3,7,8-Tetrachlorodibenzodioxin	1.0E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	5.22E-12	5.3E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Fw (unitless)	Fraction of wet deposition that adheres to plant.	0.6	Assumed total deposition could adhere to plants. Value recommended for cations and most organics.
Rp (unitless)	Interception fraction of the edible portion of plant	0.982	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.
kp ($year^{-1}$)	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	5.66	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.

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Calculation of Contaminant Concentrations in Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Exposure Parameter	Unit	Value	Source
Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (F_i)	Unitless	1	Professional judgement. Assumed 100% from contaminated soil.
Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (Qp_i)	kg DW plant/day	0.07	Hattemer-Frey & Travis (1991)
Quantity of soil eaten by the animal (chicken) (Qs)	kg/day	0.001	Hattemer-Frey & Travis (1991)
Laying Rate (LR)	eggs/day	0.7	Professional judgement. Based on a chicken laying 5 eggs per week (260 days per year).
Average weight of edible portion of egg (E_w)	kg	0.058	Assumed the average weight of an egg would be 65g, of which 90% was edible.

Chemical	Pasture Plant Concentration (Cf)*	Soil Concentration (Cs)	Oral Soil Bioavailability Factor	Transfer Factor into Eggs (TF)	Concentration in Eggs (A_{egg})
	mg/kg	mg/kg	(unitless)	Unitless	mg/kg
Arsenic, Inorganic	1.91621E-07	2.00916E-06	1.00E+00	8.42E-04	3.20E-10
Cadmium	3.47119E-06	2.36688E-05	1.00E+00	2.32E-04	1.52E-09
Chromium(VI)	3.12965E-06	2.46318E-05	1.00E+00	2.32E-03	1.39E-08
Lead	8.93954E-06	9.4251E-05	1.00E+00	1.68E-04	2.99E-09
Mercury (elemental)	1.20551E-06	0.000174712	1.00E+00	1.05E-01	6.72E-07
Nickel	2.36318E-06	2.38808E-05	1.00E+00	2.00E-02	9.33E-08
Selenium	4.69197E-07	4.4132E-06	1.00E+00	6.32E-03	5.80E-09
Vanadium	3.05045E-07	3.01975E-06	1.00E+00	0.00E+00	0.00E+00
2,3,7,8-Tetrachlorodibenzodioxin	5.3112E-12	1.01165E-10	1.00E+00	6.65E-02	7.75E-13

Notes:
* Estimated concentration in green vegetables as it was assumed that chickens may eat vegetable scraps.

Calculation of Concentration in Fruit from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration (Cs)	Fruit Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Fruit
	mg/kg	mg/kg per mg/kg	g/s	unitless	s/m^2/year	mg/kg	mg/kg
Arsenic, Inorganic	2.0E-06	0.0011	7.53E-06	6.00E-03	2.79E-03	2.33E-07	2.4E-07
Cadmium	2.4E-05	0.0014	1.03E-04	9.00E-03	2.41E-03	2.74E-06	2.8E-06
Chromium(VI)	2.5E-05	0.0324	1.16E-04	9.00E-03	2.23E-03	2.85E-06	3.6E-06
Lead	9.4E-05	0	4.28E-04	7.00E-03	2.30E-03	1.09E-05	1.1E-05
Mercury (elemental)	1.7E-04	0.001	8.73E-04	1.00E+00	2.09E-03	0.00E+00	1.7E-07
Nickel	2.4E-05	0.0034	1.36E-04	9.00E-03	1.84E-03	2.76E-06	2.8E-06
Selenium	4.4E-06	0.003	1.87E-05	0.00E+00	2.47E-03	5.15E-07	5.3E-07
Vanadium	3.0E-06	0.0055	1.27E-05	0.00E+00	2.49E-03	3.52E-07	3.7E-07
2,3,7,8-Tetrachlorodibenzodioxin	1.0E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	6.38E-12	6.5E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Rp (unitless)	Interception fraction of the edible portion of plant	0.053	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.
kp (year^{-1})	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	0.25	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.01375E-05	1.00E+00	1.00E-03	7.14E-07	2.15E-11	2.15E-08	6.67E-06	2.01E-10	2.01E-07
Cadmium	0.000355032	1.00E+00	3.20E-04	7.14E-07	2.54E-10	7.92E-07	6.67E-06	2.37E-09	7.40E-06
Chromium(VI)	0.000369477	1.00E+00	9.00E-04	7.14E-07	2.64E-10	2.93E-07	6.67E-06	2.46E-09	2.74E-06
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002620684	1.00E+00	3.60E-04	7.14E-07	1.87E-09	5.20E-06	6.67E-06	1.75E-08	4.85E-05
Nickel	0.000358212	1.00E+00	4.80E-03	7.14E-07	2.56E-10	5.33E-08	6.67E-06	2.39E-09	4.98E-07
Selenium	6.6198E-05	1.00E+00	2.40E-03	7.14E-07	4.73E-11	1.97E-08	6.67E-06	4.41E-10	1.84E-07
Vanadium	4.52962E-05	1.00E+00	1.00E-02	7.14E-07	3.24E-11	3.24E-09	6.67E-06	3.02E-10	3.02E-08
2,3,7,8-Tetrachlorodibenzodioxin	1.51748E-09	1.00E+00	9.89E-10	7.14E-07	1.08E-15	1.10E-06	6.67E-06	1.01E-14	1.02E-05
TOTAL						**7.48E-06**			**6.98E-05**

Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.01375E-05	0.005	1.00E-03	2.25E-07	6.78E-12	6.78E-09	4.50E-07	1.36E-11	1.36E-08
Cadmium	0.000355032	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.000369477	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002620684	0.001	2.52E-05	4.50E-08	1.18E-10	4.68E-06	9.00E-08	2.36E-10	9.36E-06
Nickel	0.000358212	0.005	4.80E-03	2.25E-07	8.06E-11	1.68E-08	4.50E-07	1.61E-10	3.36E-08
Selenium	6.6198E-05	-	-	-	-	-	-	-	-
Vanadium	4.52962E-05	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	1.51748E-09	0.03	9.89E-10	1.35E-06	2.05E-15	2.07E-06	2.70E-06	4.10E-15	4.14E-06
TOTAL						**6.77E-06**			**1.35E-05**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	3.01375E-05	7.69E-08	1.00E-03	2.40E-08	7.24E-13	7.24E-10	2.40E-08	7.24E-13	7.24E-10
Cadmium	0.000355032	7.69E-08	4.00E-06	2.40E-08	8.53E-12	2.13E-06	2.40E-08	8.53E-12	2.13E-06
Chromium(VI)	0.000369477	7.69E-08	1.00E-04	2.40E-08	8.88E-12	8.88E-08	2.40E-08	8.88E-12	8.88E-08
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002620684	7.69E-08	1.80E-04	2.40E-08	6.30E-11	3.50E-07	2.40E-08	6.30E-11	3.50E-07
Nickel	0.000358212	7.69E-08	1.60E-05	2.40E-08	8.61E-12	5.38E-07	2.40E-08	8.61E-12	5.38E-07
Selenium	6.6198E-05	7.69E-08	8.40E-03	2.40E-08	1.59E-12	1.89E-10	2.40E-08	1.59E-12	1.89E-10
Vanadium	4.52962E-05	7.69E-08	1.00E-03	2.40E-08	1.09E-12	1.09E-09	2.40E-08	1.09E-12	1.09E-09
2,3,7,8-Tetrachlorodibenzo	1.51748E-09	7.69E-08	3.46E-06	2.40E-08	3.65E-17	1.05E-11	2.40E-08	3.65E-17	1.05E-11
TOTAL						**3.11E-06**			**3.11E-06**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	3.01375E-05	3.45E-11	1.00E-03	2.16E-12	6.50E-17	6.50E-14	2.16E-12	6.50E-17	6.50E-14
Cadmium	0.000355032	3.45E-11	4.00E-06	2.16E-12	7.65E-16	1.91E-10	2.16E-12	7.65E-16	1.91E-10
Chromium(VI)	0.000369477	3.45E-11	1.00E-04	2.16E-12	7.96E-16	7.96E-12	2.16E-12	7.96E-16	7.96E-12
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002620684	3.45E-11	1.80E-04	2.16E-12	5.65E-15	3.14E-11	2.16E-12	5.65E-15	3.14E-11
Nickel	0.000358212	3.45E-11	1.60E-05	2.16E-12	7.72E-16	4.83E-11	2.16E-12	7.72E-16	4.83E-11
Selenium	6.6198E-05	3.45E-11	8.40E-03	2.16E-12	1.43E-16	1.70E-14	2.16E-12	1.43E-16	1.70E-14
Vanadium	4.52962E-05	3.45E-11	1.00E-03	2.16E-12	9.76E-17	9.76E-14	2.16E-12	9.76E-17	9.76E-14
2,3,7,8-Tetrachlorodibenzodioxin	1.51748E-09	3.45E-11	3.46E-06	2.16E-12	3.27E-21	9.45E-16	2.16E-12	3.27E-21	9.45E-16
TOTAL						**2.79E-10**			**2.79E-10**

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	1.41E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	4.81E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	4.31E-08
IR_S	Soil ingestion rate (receptor specific)	g/day	0.050
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	1.31E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	1.17E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	3.39E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**8.48E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**3.26E-07**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.93E-11**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Health Risk Calculations - Ingestion of Breast Milk
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Concentration in Human Breast Milk (C_{BM})	Threshold Intake and Risk Calculations			
		Oral RfD (Background Corrected)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/L)	(mg/kg/day)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.46E-07	1.00E-03	1.42E-01	4.90E-08	4.90E-05
Cadmium	1.11E-03	3.20E-04	1.42E-01	1.57E-04	4.91E-01
Chromium(VI)	7.62E-06	9.00E-04	1.42E-01	1.08E-06	1.20E-03
Lead	2.89E-03	3.50E-03	1.42E-01	4.09E-04	1.17E-01
Mercury (elemental)	1.14E-04	3.60E-04	1.42E-01	1.61E-05	4.48E-02
Nickel	1.15E-07	4.80E-03	1.42E-01	1.63E-08	3.40E-06
Selenium	4.60E-07	2.40E-03	1.42E-01	6.51E-08	2.71E-05
Vanadium	1.51E-08	1.00E-02	1.42E-01	2.14E-09	2.14E-07
2,3,7,8-Tetrachlorodibenzodi	4.37E-10	9.89E-10	1.42E-01	6.20E-11	6.27E-02
TOTAL					**7.16E-01**

Health Risk Calculations - Ingestion of Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Egg Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.19889E-10	1.00E-03	1.11E-03	3.56E-13	3.56E-10	2.95E-03	9.45E-13	9.45E-10
Cadmium	1.52096E-09	3.20E-04	1.11E-03	1.69E-12	5.30E-09	2.95E-03	4.49E-12	1.40E-08
Chromium(VI)	1.39009E-08	9.00E-04	1.11E-03	1.55E-11	1.72E-08	2.95E-03	4.11E-11	4.56E-08
Lead	2.98686E-09	3.50E-03	1.11E-03	3.33E-12	9.51E-10	2.95E-03	8.82E-12	2.52E-09
Mercury (elemental)	6.71761E-07	3.60E-04	1.11E-03	7.49E-10	2.08E-06	2.95E-03	1.98E-09	5.51E-06
Nickel	9.32528E-08	4.80E-03	1.11E-03	1.04E-10	2.16E-08	2.95E-03	2.75E-10	5.74E-08
Selenium	5.79575E-09	2.40E-03	1.11E-03	6.46E-12	2.69E-09	2.95E-03	1.71E-11	7.13E-09
Vanadium		1.00E-02	1.11E-03			2.95E-03		
2,3,7,8-Tetrachlorodibenzodioxin	7.74965E-13	9.89E-10	1.11E-03	8.64E-16	8.73E-07	2.95E-03	2.29E-15	2.31E-06
TOTAL					**3.00E-06**			**7.95E-06**

Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	2.35299E-07	1.00E-03	3.03E-03	7.13E-10	7.13E-07	1.32E-02	3.11E-09	3.11E-06
Cadmium	2.77074E-06	3.20E-04	3.03E-03	8.40E-09	2.62E-05	1.32E-02	3.66E-08	1.14E-04
Chromium(VI)	3.64706E-06	9.00E-04	3.03E-03	1.11E-08	1.23E-05	1.32E-02	4.81E-08	5.35E-05
Lead	1.09234E-05	3.50E-03	3.03E-03	3.31E-08	9.46E-06	1.32E-02	1.44E-07	4.12E-05
Mercury (elemental)	1.74712E-07	3.60E-04	3.03E-03	5.30E-10	1.47E-06	1.32E-02	2.31E-09	6.41E-06
Nickel	2.84332E-06	4.80E-03	3.03E-03	8.62E-09	1.80E-06	1.32E-02	3.75E-08	7.82E-06
Selenium	5.28319E-07	2.40E-03	3.03E-03	1.60E-09	6.67E-07	1.32E-02	6.97E-09	2.91E-06
Vanadium	3.69054E-07	1.00E-02	3.03E-03	1.12E-09	1.12E-07	1.32E-02	4.87E-09	4.87E-07
2,3,7,8-Tetrachlorodibenzodi	6.47016E-12	9.89E-10	3.03E-03	1.96E-14	1.98E-05	1.32E-02	8.54E-14	8.64E-05
TOTAL					**7.26E-05**			**3.16E-04**

Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	1.91621E-07	1.00E-03	4.24E-03	8.12E-10	8.12E-07	2.31E-02	4.42E-09	4.42E-06
Cadmium	3.47119E-06	3.20E-04	4.24E-03	1.47E-08	4.60E-05	2.31E-02	8.00E-08	2.50E-04
Chromium(VI)	3.12965E-06	9.00E-04	4.24E-03	1.33E-08	1.47E-05	2.31E-02	7.22E-08	8.02E-05
Lead	8.93954E-06	3.50E-03	4.24E-03	3.79E-08	1.08E-05	2.31E-02	2.06E-07	5.89E-05
Mercury (elemental)	1.20551E-06	3.60E-04	4.24E-03	5.11E-09	1.42E-05	2.31E-02	2.78E-08	7.72E-05
Nickel	2.36318E-06	4.80E-03	4.24E-03	1.00E-08	2.09E-06	2.31E-02	5.45E-08	1.14E-05
Selenium	4.69197E-07	2.40E-03	4.24E-03	1.99E-09	8.29E-07	2.31E-02	1.08E-08	4.51E-06
Vanadium	3.05045E-07	1.00E-02	4.24E-03	1.29E-09	1.29E-07	2.31E-02	7.03E-09	7.03E-07
2,3,7,8-Tetrachlorodibenzodi	5.3112E-12	9.89E-10	4.24E-03	2.25E-14	2.28E-05	2.31E-02	1.22E-13	1.24E-04
TOTAL					**1.12E-04**			**6.11E-04**

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	1.11E-01	1.11E-01
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	7.5E-06	7.0E-05
Dermal Contact with Soil	6.8E-06	1.4E-05
Inhalation of Surface Soil-Derived Dust in Indoor Air	3.1E-06	3.1E-06
Inhalation of Surface Soil-Derived Dust in Outdoor Air	2.8E-10	2.8E-10
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	8.5E-07	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	3.3E-07	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	2.9E-11	-
DIETARY EXPOSURE PATHWAYS		
Ingestion of Fish from the Site	-	-
Ingestion of breast milk by infants	-	7.2E-01
Ingestion of home grown beef	-	-
Ingestion of home grown livestock milk	-	-
Ingestion of home grown eggs	3.0E-06	8.0E-06
Ingestion of home grown fruit	7.3E-05	3.2E-04
Ingestion of home grown green vegetables	1.1E-04	6.1E-04
Ingestion of home grown lamb	-	-
Ingestion of rabbit meat	-	-
Ingestion of shellfish	-	-
TOTAL	**1.1E-01**	**8.3E-01**

Chemical	CAS Number	Molecular Weight	IARC Classification	Oral CSF		PAH TEF (Oral)		IUR		PAH TEF (Inhal)		Oral RfD		Background Exposure (%)		Background Corrected RfD	
		g/mol		(mg/kg/day)-1	source	unitless	source	(ug/m3)-1	source	unitless	source	mg/kg/day	source	%	source	mg/kg/day	mg/m3
Arsenic, Inorganic	007440-38-2	78	Group 1	-	-	-	-	-	-	-	-	2.00E-03	NEPC (2013)	50%	NEPC (2013)	1.00E-03	1.00E-03
Cadmium	7440-43-9	112	Group 1	-	-	-	-	-	-	-	-	8.00E-04	WHO (2010)	60%	NEPC (2013)	3.20E-04	5.00E-06
Chromium(VI)	18540-29-9	52	Group 1	-	-	-	-	-	-	-	-	1.00E-03	ATSDR (2008)	10%	NEPC (2013)	9.00E-04	1.00E-04
Lead	7439-92-1	207	Group 2B	-	-	-	-	-	-	-	-	3.50E-03	NHMRC (2011)	-	-	3.50E-03	5.00E-04
Mercury (elemental)	007439-97-6	201	Group 3	-	-	-	-	-	-	-	-	6.00E-04	WHO (2011)	40%	NEPC (2013)	3.60E-04	2.00E-04
Nickel	7440-02-0	58.7	Group 1	-	-	-	-	-	-	-	-	1.20E-02	WHO (2011)	60%	NEPC (2013)	4.80E-03	2.00E-05
Selenium	007782-49-2	78.96	Group 3	-	-	-	-	-	-	-	-	6.00E-03	NHMRC (2006)	60%	NEPC (2013)	2.40E-03	2.10E-02
Vanadium	0-06-6	50.9	Not classified	-	-	-	-	-	-	-	-	1.00E-02	ATSDR (2012)	-	-	1.00E-02	1.00E-03

(a) Toxicity values for acenaphthene have been adopted due to structural similarities
(b) Value converted from oral criterion based on route to route extrapolation (oral to inhalation), in absence of other published inhalation criterion. Oral to inhalation conversions were undertaken assuming an adult body weight of 70 kg, and a daily inhalation volume of 20 m3.
(c) Values for cyanide free (no VI) (NEPC, 2013)
(d) Back-calculated value based on drinking water guideline derived by NHMRC (2011). CSF = (excess cancer risk x 70 kg) / (guideline value (mg/L or mg/kg/day) x 2 L/day)
(e) Back-calculated value based on the ambient air guideline derived by WHO (2000). IUR = excess cancer risk / guideline value (mg/m3) / conversion factor
(f) Based on the carbon monoxide guideline derived using a time-weighted average exposure of 8 hours.
(g) Based on conversion of the TDI from WHO (2000) of 15 mg/kg-day (with an uncertainty factor of 1000 applied), assuming an inhalation rate of 20 m3 and a body weight of 70 kg.
(h) Based on a NOAEL of 136 mg/kg/day, a factor of 5/7 was used to convert from a 5 day per week to a 7 day per week equivalent, and a safety factor of 1000 was applied.
(i) Based on conversion of the TDI from WHO (2000a) of 66 mg/kg-day (with an uncertainty factor of 1000 applied), assuming an inhalation rate of 20 m3 and a body weight of 70 kg
(j) Toxicity values for dichloroethane 1,2- have been adopted due to structural similarities
(k) Toxicity values for trichloroethane, 1,1,1- have been adopted due to structural similarities

ATSDR - Agency for Toxic Substance and Disease Registry toxicity profiles for individual compounds.
HEAST - Health Effects Assessment Summary Tables (USEPA)
IRIS - Integrated Risk Information System (USEPA)
TEF - Toxic Equivalence Factor
PPRTV - Provisional Peer Reviewed Toxicity Values (USEPA, Office of Superfund Remediation and Technology Innovation (OSRTI))

References:

CRC CARE (2011) Health Screening Levels for Petroleum Hydrocarbons in Soil and Groundwater. Cooperative Research Centre for Contamination Assessment and Remediation of the Environment, Technical Report Series, no. 10.
NEPC (2013) National Environmental Protection (Assessment of Site Contamination) Measure 1999 as ammended May 2013. National Environmental Protection Council, May 2013.
NHMRC (2011) Australian Drinking Water Guidelines 6. Volume 1. National Water Quality Management Strategy. National Health and Medical Research Council.
USEPA (2013) Regional Screening Levels. Updated May 2013. http://www.epa.gov/region9/superfund/prg/
WHO (2000) Air Quality Guidelines for Europe. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.
WHO (2000a) Guidelines for Air Quality
WHO (2003) Vinyl Chloride in Drinking-Water. Background document for development of WHO Guidelines for Drinking Water Quality. World Health Organisation. WHO/SDE/WSH/03.04/119
WHO (2010) Guidelines for Indoor Air Quality
WHO (2011) Drinking Water Guidelines

* USEPA (2004b) default for semivolatiles
** USEPA (2004b) considers that, where specific dermal absorption factors are not published for volatile organic compounds, VOCs would tend to volatilise quickly from the skin and exposure would therefore be accounted for via the volatilisation/inhalation exposure routes.
# Recommended default dermal absorption factor of 1% for metals

Chemical		Background Exposure (%)		Background Corrected RfC	GI Abs		Derm RfD		Derm Slope Factor		Oral Abs Factor		Dermal Abs Factor	
	source	%	source	mg/m3	unitless	source	mg/kg/day	source	(mg/kg/day)-1	source	unitless	source	unitless	source
Arsenic, Inorganic	RIVM (2001)	0%	NEPC (2013)	1.00E-03	1.00E+00	NEPC (2013)	1.00E-03	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	5.00E-03	NEPC (2013)
Cadmium	WHO (2000)	20%	NEPC (2013)	4.00E-06	1.00E+00	NEPC (2013)	3.20E-04	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	-	NEPC (2013)
Chromium(VI)	IRIS	0%	NEPC (2013)	1.00E-04	2.50E-02	NEPC (2013)	2.25E-05	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	-	NEPC (2013)
Lead	WHO (2000a)	-	-	5.00E-04	1.00E+00	NEPC (2013)	3.50E-03	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	-	NEPC (2013)
Mercury (elemental)	WHO (2003)	10%	NEPC (2013)	1.80E-04	7.00E-02	NEPC (2013)	2.52E-05	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	1.00E-03	NEPC (2013)
Nickel	(EA, 2009)	20%	NEPC (2013)	1.60E-05	1.00E+00	NEPC (2013)	4.80E-03	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	5.00E-03	NEPC (2013)
Selenium	Converted from RfD (b)	60%	NEPC (2013)	8.40E-03	-	NEPC (2013)	-	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	-	NEPC (2013)
Vanadium	WHO (2000a)	-	-	1.00E-03	2.60E-02	RAIS	2.60E-04	=RfD_BGCor*GI Abs	-	=CSF/GI Abs	1.00E+00	Default	-	RAIS

Chemical	Dermal Perm Constant (kp)		Soil-Water Partition Coefficient		Log of Octanol-Water Partition Coefficient		Organic Carbon Partition Coefficient		Diffusivity in Air		Diffusivity in Water		Henry's Law Constant		Henry's Law Constant		Aqueous Solubility		Va
	cm/hr	source	cm3/g	source	cm3/g	source	L/kg (=cm3/g)	source	cm2/s	source	cm2/s	source	unitless	source	atm-m3/mol	source	mg/L	source	mm Hg
Arsenic, Inorganic	1.00E-03	RAIS	2.90E+01	RAIS	-	-	-	-	-	-	-	-	-	-	-	-	-	RAIS	-
Cadmium	1.00E-03	RAIS	7.50E+01	RAIS	-	-	-	-	-	RAIS	-	RAIS	-	RAIS	-	-	-	RAIS	-
Chromium(VI)	2.00E-03	RAIS	1.90E+01	RAIS	-	-	-	-	-	RAIS	-	RAIS	-	RAIS	-	-	1.69E+06	RAIS	-
Lead	1.00E-04	RAIS	9.00E+02	RAIS	-	RAIS	-	-	-	-	-	-	-	RAIS	-	RAIS/PHYSPROP	-	RAIS	-
Mercury (elemental)	3.03E-04	RAIS	5.20E+01	RAIS	6.20E-01	RAIS	-	-	3.07E-02	RAIS	6.30E-06	RAIS	4.67E-01	RAIS	4.67E-01	RAIS	6.00E-02	RAIS	1.96E-03
Nickel	2.00E-04	RAIS	6.50E+01	RAIS	-	RAIS	-	-	-	-	-	-	-	RAIS	-	-	-	-	-
Selenium	1.00E-03	RAIS	5.00E+00	RAIS	-	RAIS	-	-	-	-	-	-	-	RAIS	-	-	-	-	9.12E+03
Vanadium	1.00E-03	RAIS	1.00E+03	RAIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Chemical		Volatile Using H's Law?	Volatile Using H's Law & MW?	Volatile Using H's Law & VP?	Half-life of Chemicals in Body	Source	Fraction of Ingested Chemical Stored in Fat	Source	Fraction of Mothers Weight that is Fat	Source	Transfer Factor into Chicken Eggs	Source	Soil-fruit concentration factor	Source	Soil-leaf/stem concentration factor	Source
	source	Y/N	Y/N	Y/N	days		unitless		unitless		unitless		mg-chem/kg-plant per mg-chem/kg-soil		mg-chem/kg-plant per mg-chem/kg-soil	
Arsenic, Inorganic	-	-	Y	Y	60	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	8.42E-04	OEHHA (2012)	0.0011	NEPC (2013) Tree fruit uptake factor.	0.00043	NEPC (2013). Maximum plant uptake factor of green, root and tuber vegetables.
Cadmium	RAIS	-	Y	Y	12775	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	2.32E-04	US EPA (2005)	0.0014	NEPC (2013) Tree fruit uptake factor.	0.052	NEPC (2013). Maximum plant uptake factor of green, root and tuber vegetables.
Chromium(VI)	-	-	Y	Y	83.4	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	2.32E-03	US EPA (2005)	0.0324	NEPC (2013) Tree fruit uptake factor.	0.0324	NEPC (2013). Maximum plant uptake factor of green, root and tuber vegetables.
Lead	RAIS	-	Y	Y	10950	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	1.68E-04	OEHHA (2012)	0	-	0	-
Mercury (elemental)	RAIS	Y	Y	Y	3650	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	1.05E-01	US EPA (2005)	0.001	NEPC (2013) Tree fruit uptake factor.	0.0069	NEPC (2013). Maximum plant uptake factor of green, root and tuber vegetables.
Nickel	RAIS	-	N	N	1.6	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	2.00E-02	OEHHA (2012)	0.0034	NEPC (2013) Tree fruit uptake factor.	0.0043	NEPC (2013). Maximum plant uptake factor of green, root and tuber vegetables.
Selenium	RAIS	-	Y	Y	34	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	6.32E-03	US EPA (2005)	0.003	NEPC (2013) Tree fruit uptake factor.	0.0108	NEPC (2013). Maximum plant uptake factor of green, root and tuber vegetables.
Vanadium	-	-	N	N	1.7	HSDB	0.9	Value for 2,3,7,8-TCDD	0.35	DEH, 2005	0	No TF available	5.50E-03	RAIS (2016) Soil to dry plant uptake factor	5.50E-03	RAIS (2016) Soil to dry plant uptake factor

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General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 24 hour

Receptor:
Recreational
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	3.79E-06
Cadmium	4.35E-05
Chromium(VI)	4.57E-05
Lead	Refer to blood lead model
Mercury (elemental)	3.36E-04
Nickel	4.40E-05
Selenium	8.06E-06
Vanadium	5.52E-06
2,3,7,8-Tetrachlorodibenzodioxin	4.63E-10

Exposure Parameters:	Units	Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:					
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	25	50	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/yr	-	-	-	-
Particulate emission factor (indoor air)	m^3/kg	-	-	-	-
Lung Retention Factor (dust inhalation)	unitless	-	-	-	-
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	2	2	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.60E+07	2.60E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.79408E-06	1.00E+00	1.00E-03	3.57E-07	1.36E-12	1.36E-09	3.33E-06	1.26E-11	1.26E-08
Cadmium	4.34608E-05	1.00E+00	3.20E-04	3.57E-07	1.55E-11	4.85E-08	3.33E-06	1.45E-10	4.53E-07
Chromium(VI)	4.5717E-05	1.00E+00	9.00E-04	3.57E-07	1.63E-11	1.81E-08	3.33E-06	1.52E-10	1.69E-07
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00033608	1.00E+00	3.60E-04	3.57E-07	1.20E-10	3.33E-07	3.33E-06	1.12E-09	3.11E-06
Nickel	4.3958E-05	1.00E+00	4.80E-03	3.57E-07	1.57E-11	3.27E-09	3.33E-06	1.47E-10	3.05E-08
Selenium	8.06121E-06	1.00E+00	2.40E-03	3.57E-07	2.88E-12	1.20E-09	3.33E-06	2.69E-11	1.12E-08
Vanadium	5.51544E-06	1.00E+00	1.00E-02	3.57E-07	1.97E-12	1.97E-10	3.33E-06	1.84E-11	1.84E-09
2,3,7,8-Tetrachlorodibenzodioxin	4.63263E-10	1.00E+00	9.89E-10	3.57E-07	1.65E-16	1.67E-07	3.33E-06	1.54E-15	1.56E-06
TOTAL						**5.73E-07**			**5.35E-06**

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Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.79408E-06	0.005	1.00E-03	2.25E-07	8.54E-13	8.54E-10	4.50E-07	1.71E-12	1.71E-09
Cadmium	4.34608E-05	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	4.5717E-05	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00033608	0.001	2.52E-05	4.50E-08	1.51E-11	6.00E-07	9.00E-08	3.02E-11	1.20E-06
Nickel	4.3958E-05	0.005	4.80E-03	2.25E-07	9.89E-12	2.06E-09	4.50E-07	1.98E-11	4.12E-09
Selenium	8.06121E-06	-	-	-	-	-	-	-	-
Vanadium	5.51544E-06	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	4.63263E-10	0.03	9.89E-10	1.35E-06	6.25E-16	6.32E-07	2.70E-06	1.25E-15	1.26E-06
TOTAL						**1.24E-06**			**2.47E-06**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	3.79408E-06	3.85E-08	1.00E-03	1.20E-09	4.56E-15	4.56E-12	1.20E-09	4.56E-15	4.56E-12
Cadmium	4.34608E-05	3.85E-08	4.00E-06	1.20E-09	5.22E-14	1.31E-08	1.20E-09	5.22E-14	1.31E-08
Chromium(VI)	4.5717E-05	3.85E-08	1.00E-04	1.20E-09	5.49E-14	5.49E-10	1.20E-09	5.49E-14	5.49E-10
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00033608	3.85E-08	1.80E-04	1.20E-09	4.04E-13	2.24E-09	1.20E-09	4.04E-13	2.24E-09
Nickel	4.3958E-05	3.85E-08	1.60E-05	1.20E-09	5.28E-14	3.30E-09	1.20E-09	5.28E-14	3.30E-09
Selenium	8.06121E-06	3.85E-08	8.40E-03	1.20E-09	9.69E-15	1.15E-12	1.20E-09	9.69E-15	1.15E-12
Vanadium	5.51544E-06	3.85E-08	1.00E-03	1.20E-09	6.63E-15	6.63E-12	1.20E-09	6.63E-15	6.63E-12
2,3,7,8-Tetrachlorodibenzodioxin	4.63263E-10	3.85E-08	3.46E-06	1.20E-09	5.57E-19	1.61E-13	1.20E-09	5.57E-19	1.61E-13
TOTAL						**1.92E-08**			**1.92E-08**

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	1.73E-04
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	-
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	2.40E-05
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	-
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	7.98E-09
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	2.07E-07
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**5.19E-08**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**-**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.99E-09**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	2.97E-03	2.97E-03
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	5.7E-07	5.4E-06
Dermal Contact with Soil	1.2E-06	2.5E-06
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	1.9E-08	1.9E-08
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	5.2E-08	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	-	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	2.0E-09	-
TOTAL	**2.97E-03**	**2.98E-03**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 24 hour

Receptor:
Commercial worker
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	8.29E-06
Cadmium	9.89E-05
Chromium(VI)	1.03E-04
Lead	Refer to blood lead model
Mercury (elemental)	5.53E-04
Nickel	9.97E-05
Selenium	1.85E-05
Vanadium	1.26E-05
2,3,7,8-Tetrachlorodibenzodioxin	6.36E-10

Exposure Parameters:	Units	Adopted Exposure Parameters	Source
		Adult	Adult
General receptor parameters:	**Units**		
Body weight	kg	70	ASC NEPM 2013
Exposure duration	yr	30	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	30	ASC NEPM 2013
Incidental ingestion of soil			
Daily soil ingestion rate	mg/day	25	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	ASC NEPM 2013
Dermal contact with soil			
Exposed skin surface area for soil contact	cm^2	3800	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation			
Exposure time (indoor air)	hrs/day	8	ASC NEPM 2013
Exposure frequency (indoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013
Outdoor inhalation			
Exposure time (outdoor air)	hrs/day	1	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	3.70E+10	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	8.2933E-06	1.00E+00	1.00E-03	3.57E-07	2.96E-12	2.96E-09	-	-	-
Cadmium	9.89079E-05	1.00E+00	3.20E-04	3.57E-07	3.53E-11	1.10E-07	-	-	-
Chromium(VI)	0.000102604	1.00E+00	9.00E-04	3.57E-07	3.66E-11	4.07E-08	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00055254	1.00E+00	3.60E-04	3.57E-07	1.97E-10	5.48E-07	-	-	-
Nickel	9.97223E-05	1.00E+00	4.80E-03	3.57E-07	3.56E-11	7.42E-09	-	-	-
Selenium	1.84709E-05	1.00E+00	2.40E-03	3.57E-07	6.60E-12	2.75E-09	-	-	-
Vanadium	1.26379E-05	1.00E+00	1.00E-02	3.57E-07	4.51E-12	4.51E-10	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	6.36266E-10	1.00E+00	9.89E-10	3.57E-07	2.27E-16	2.30E-07	-	-	-
TOTAL						**9.43E-07**			

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Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 24 hour Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	8.2933E-06	0.005	1.00E-03	1.36E-07	1.13E-12	1.13E-09	-	-	-
Cadmium	9.89079E-05	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.000102604	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00055254	0.001	2.52E-05	2.71E-08	1.50E-11	5.95E-07	-	-	-
Nickel	9.97223E-05	0.005	4.80E-03	1.36E-07	1.35E-11	2.82E-09	-	-	-
Selenium	1.84709E-05	-	-	-	-	-	-	-	-
Vanadium	1.26379E-05	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	6.36266E-10	0.03	9.89E-10	8.14E-07	5.18E-16	5.24E-07	-	-	-
TOTAL						**1.12E-06**			

AECOM

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	8.2933E-06	7.69E-08	1.00E-03	9.62E-09	7.97E-14	7.97E-11	-	-	-
Cadmium	9.89079E-05	7.69E-08	4.00E-06	9.62E-09	9.51E-13	2.38E-07	-	-	-
Chromium(VI)	0.000102604	7.69E-08	1.00E-04	9.62E-09	9.87E-13	9.87E-09	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00055254	7.69E-08	1.80E-04	9.62E-09	5.31E-12	2.95E-08	-	-	-
Nickel	9.97223E-05	7.69E-08	1.60E-05	9.62E-09	9.59E-13	5.99E-08	-	-	-
Selenium	1.84709E-05	7.69E-08	8.40E-03	9.62E-09	1.78E-13	2.11E-11	-	-	-
Vanadium	1.26379E-05	7.69E-08	1.00E-03	9.62E-09	1.22E-13	1.22E-10	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	6.36266E-10	7.69E-08	3.46E-06	9.62E-09	6.12E-18	1.77E-12	-	-	-
TOTAL						**3.37E-07**			

AECOM

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	8.2933E-06	2.70E-11	1.00E-03	4.22E-13	3.50E-18	3.50E-15	-	-	-
Cadmium	9.89079E-05	2.70E-11	4.00E-06	4.22E-13	4.18E-17	1.04E-11	-	-	-
Chromium(VI)	0.000102604	2.70E-11	1.00E-04	4.22E-13	4.33E-17	4.33E-13	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00055254	2.70E-11	1.80E-04	4.22E-13	2.33E-16	1.30E-12	-	-	-
Nickel	9.97223E-05	2.70E-11	1.60E-05	4.22E-13	4.21E-17	2.63E-12	-	-	-
Selenium	1.84709E-05	2.70E-11	8.40E-03	4.22E-13	7.80E-18	9.29E-16	-	-	-
Vanadium	1.26379E-05	2.70E-11	1.00E-03	4.22E-13	5.34E-18	5.34E-15	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	6.36266E-10	2.70E-11	3.46E-06	4.22E-13	2.69E-22	7.76E-17	-	-	-
TOTAL						**1.48E-11**			

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	3.94E-04
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	1.92E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	8.45E-09
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	1.45E-07
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	6.39E-12
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	4.73E-07
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.18E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**3.64E-08**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.60E-12**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates
	Adult Exposure
AIR EXPOSURE PATHWAYS	
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	2.11E-02
SOIL EXPOSURE PATHWAYS	
Incidental Ingestion of Soil	9.4E-07
Dermal Contact with Soil	1.1E-06
Inhalation of Surface Soil-Derived Dust in Indoor Air	3.4E-07
Inhalation of Surface Soil-Derived Dust in Outdoor Air	1.5E-11
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-
ADULT LEAD MODEL	
Ingestion of Lead in Soil/Dust (Adult Lead Model)	1.2E-07
Inhalation of Lead in Dust Indoors (Adult Lead Model)	3.6E-08
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	1.6E-12
TOTAL	**2.11E-02**

2. Scenario 1, Risk Estimates Based on Grid Maximum (24 hour) Concentrations

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (24-hr annual average)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration Grid Maximum (24-hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	3.73E-05	1	0%	1	-	-	-	3.73E-05	3.73E-05	-	-	3.73E-05	3.73E-05
cadmium	4.92E-04	0.005	20%	0.004	-	-	-	4.92E-04	1.23E-01	-	-	4.92E-04	1.23E-01
chromium VI	4.92E-04	0.1	0%	0.1	-	-	-	4.92E-04	4.92E-03	-	-	4.92E-04	4.92E-03
lead	1.97E-03	0.5	0%	0.5	-	-	-	1.97E-03	3.93E-03	-	-	1.97E-03	3.93E-03
mercury	2.20E-03	0.2	10%	0.18	-	-	-	2.20E-03	1.22E-02	-	-	2.20E-03	1.22E-02
nickel	4.92E-04	0.02	20%	0.016	-	-	-	4.92E-04	3.07E-02	-	-	4.92E-04	3.07E-02
selenium	9.34E-05	21	60%	8.4	-	-	-	9.34E-05	1.11E-05	-	-	9.34E-05	1.11E-05
vanadium	6.39E-05	1	0%	1	-	-	-	6.39E-05	6.39E-05	-	-	6.39E-05	6.39E-05
dioxins and furans	5.24E-10	0.00000805	57%	3.4615E-06	-	-	-	5.24E-10	1.51E-04	-	-	5.24E-10	1.51E-04
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**1.75E-01**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**1.75E-01**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (24-hr annual average)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration Grid Maximum (24-hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	3.73E-05	1	0%	1	-	-	-	3.11E-06	3.11E-06	-	-	3.11E-06	3.11E-06
cadmium	4.92E-04	0.005	20%	0.004	-	-	-	4.10E-05	1.02E-02	-	-	4.10E-05	1.02E-02
chromium VI	4.92E-04	0.1	0%	0.1	-	-	-	4.10E-05	4.10E-04	-	-	4.10E-05	4.10E-04
lead	1.97E-03	0.5	0%	0.5	-	-	-	1.64E-04	3.28E-04	-	-	1.64E-04	3.28E-04
mercury	2.20E-03	0.2	10%	0.18	-	-	-	1.84E-04	1.02E-03	-	-	1.84E-04	1.02E-03
nickel	4.92E-04	0.02	20%	0.016	-	-	-	4.10E-05	2.56E-03	-	-	4.10E-05	2.56E-03
selenium	9.34E-05	21	60%	8.4	-	-	-	7.79E-06	9.27E-07	-	-	7.79E-06	9.27E-07
vanadium	6.39E-05	1	0%	1	-	-	-	5.33E-06	5.33E-06	-	-	5.33E-06	5.33E-06
dioxins and furans	5.24E-10	0.00000805	57%	3.4615E-06	-	-	-	4.37E-11	1.26E-05	-	-	4.37E-11	1.26E-05
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**1.46E-02**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**1.46E-02**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\left(\frac{\mu g}{m^3}\right) \times ET\left(\frac{h}{d}\right) \times EF\left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Ground Level Concentration Grid Maximum (24-hr annual average)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration Grid Maximum (24-hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	3.73E-05	1	0%	1	-	-	-	9.21E-06	9.21E-06
cadmium	4.92E-04	0.005	20%	0.004	-	-	-	1.21E-04	3.03E-02
chromium VI	4.92E-04	0.1	0%	0.1	-	-	-	1.21E-04	1.21E-03
lead	1.97E-03	0.5	0%	0.5	-	-	-	4.85E-04	9.70E-04
mercury	2.20E-03	0.2	10%	0.18	-	-	-	5.43E-04	3.02E-03
nickel	4.92E-04	0.02	20%	0.016	-	-	-	1.21E-04	7.58E-03
selenium	9.34E-05	21	60%	8.4	-	-	-	2.30E-05	2.74E-06
vanadium	6.39E-05	1	0%	1	-	-	-	1.58E-05	1.58E-05
dioxins and furans	5.24E-10	0.00000805	57%	3.4615E-06	-	-	-	1.29E-10	3.73E-05
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**4.32E-02**

Potential Concentration in Soils Following Dust Deposition

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium

Concentration in Soils

$$C_s = \frac{DR \times (1-e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for each receptor.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/T$^{0.5}$	See below		Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life in soil (years)	100		years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment. NHMRC (2002) for dioxins and furans (surface soil).
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the thermal waste processing facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

Grid Maximum

CoPC	DR (mg/m^2/year)	k (1/year)	T$^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	3.05E-05	0.01	100	4.37E-05	2.91E-06
cadmium	3.66E-04	0.01	100	5.25E-04	3.50E-05
chromium	3.79E-04	0.01	100	5.43E-04	3.62E-05
lead	1.46E-03	0.01	100	2.09E-03	1.40E-04
mercury	1.89E-03	0.01	100	2.71E-03	1.81E-04
nickel	3.69E-04	0.01	100	5.29E-04	3.53E-05
selenium	6.85E-05	0.01	100	9.82E-05	6.55E-06
vanadium	4.68E-05	0.01	100	6.72E-05	4.48E-06
dioxins and furans	1.92E-09	0.05	15	1.71E-09	1.14E-10

References:

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
Stevens. B, 1991. 2,3,7,8-tetrachlorobenzo-p-dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health. Presented in: Health Effects of Municipal Waste Incineration. Edited by
Howard et al., 1991. *Handbook of Environmental Degradation Rates.* Howard. P, Boethling. R, Jarvis. W, Meylan. W and Michalenko. E. Lewis Publishers, Chelsea, Michigan.
McKenzie et al., 2004. *Australian Soils and Landscapes: An Illustrated Compendium.* McKenzie. N, Jacquier. D, Isbell. R and Brown. K. CSIRO Publishing, Collingwood, Victoria.
NHMRC, 2002. *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians.* National Health and Medical Research Council. 24 October 2002.
Paustenbach et.al., 1992. Recent developments on the hazards posed by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in soil: Implications for setting risk-based cleanup levels at residential and industrial sites. Paustenbach

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General Information:

Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max

Receptor:
Residential (with soil access)

Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:

Enter "x" in box for potentially complete pathways

Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)
Groundwater Pathways	
	Ingestion of potable groundwater
	Inhalation of groundwater-derived vapours in indoor air
	Inhalation of groundwater-derived vapours in outdoor air
	Inhalation of groundwater vapours during irrigation/ showering
	Inhalation of vapour emissions from groundwater seepage in an excavation
	Inhalation of vapour emissions from groundwater seepage in a basement
	Incidental ingestion of groundwater seepage in an excavation
	Dermal contact with groundwater seepage in an excavation
	Incidental ingestion of groundwater during showering/bathing
	Dermal contact with groundwater during showering/bathing
	Incidental ingestion of groundwater during food preparation and cleanup
	Dermal contact with groundwater during food preparation and cleanup
	Incidental ingestion of groundwater during domestic laundry
	Dermal contact with groundwater during domestic laundry
	Dermal contact with groundwater residues after washing clothes
	Incidental ingestion of groundwater during household cleaning
	Dermal contact with groundwater during household cleaning
	Incidental ingestion of groundwater residues after washing floors
	Dermal contact with groundwater residues after washing floors
	Incidental ingestion of groundwater during sprinkler play
	Dermal contact with groundwater during sprinkler play
	Incidental ingestion of groundwater during washing of animals
	Dermal contact with groundwater during washing of animals
	Incidental ingestion of groundwater residues after washing animals
	Dermal contact with groundwater residues after washing companion animals
	Incidental ingestion of groundwater during washing of vehicles
	Dermal contact with groundwater during washing of vehicles
	Incidental ingestion of groundwater during irrigation
	Dermal contact with groundwater during irrigation
	Incidental ingestion of groundwater used in home swimming pools
	Dermal contact with groundwater used in home swimming pools
Soil Vapour Pathways	
	Inhalation of soil vapour-derived vapours in indoor air
	Inhalation of soil vapour-derived vapours in outdoor air
Sediment Pathways	
	Incidental ingestion of sediment
	Dermal contact with sediment
Surface Water Pathways	
	Incidental ingestion of surface water during fishing
	Dermal contact with surface water during fishing
	Incidental ingestion of surface water during boating
	Dermal contact with surface water during boating
	Incidental ingestion of surface water during swimming in creeks/rivers
	Dermal contact with surface water during swimming in creeks/rivers
Dietary Pathways	
x	Ingestion of breast milk by infants
x	Ingestion of home grown eggs
	Ingestion of fish
	Ingestion of shellfish
	Ingestion of beef
	Ingestion of lamb
	Ingestion of rabbit
	Ingestion of milk from livestock
x	Ingestion of home grown green vegetables
x	Ingestion of home grown fruit
N	Soil RBSLs saturation limited?
-	Groundwater RBSLs solubility limited?

Chemicals for Quantitative Assessment:	**Exposure Point Concentrations**						
	Soil Surface (mg/kg)	**Soil Plant Root Zone (mg/kg)**	**Human Breast Milk (mg/L)**	**Egg (mg/kg)**	**Pasture Plant (mg/kg)**	**Fruit (mg/kg)**	**Green Vegetables (mg/kg)**
Arsenic, Inorganic	4.37E-05	2.91E-06	modelled	modelled	modelled	modelled	modelled
Cadmium	5.25E-04	3.50E-05	modelled	modelled	modelled	modelled	modelled
Chromium(VI)	5.43E-04	3.62E-05	modelled	modelled	modelled	modelled	modelled
Lead	Refer to blood lead model	1.40E-04	modelled	modelled	modelled	modelled	modelled
Mercury (elemental)	2.71E-03	1.81E-04	modelled	modelled	modelled	modelled	modelled
Nickel	5.29E-04	3.53E-05	modelled	modelled	modelled	modelled	modelled
Selenium	9.82E-05	6.55E-06	modelled	modelled	modelled	modelled	modelled
Vanadium	6.72E-05	4.48E-06	modelled	modelled	modelled	modelled	modelled
2,3,7,8-Tetrachlorodibenzodioxin	1.71E-09	1.14E-10	modelled	modelled	modelled	modelled	modelled

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	50	100	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	20	20	enHealth (2012)	enHealth (2012)
Exposure frequency (indoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	1.30E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	4	4	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.90E+10	2.90E+10	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Ingestion of potable groundwater					
Potable water intake rate	L/day	-	-	-	-
Exposure frequency for potable water intake	days/yr	-	-	-	-
Ingestion of human breast milk by infants					
Exposure frequency	days/yr	-	365	-	enHealth (2012b) / ASC NEPM 2013
Exposure duration	years	-	1	-	enHealth (2012b) / ASC NEPM 2013
Infant body weight	kg	-	6	-	enHealth (2012b) / ASC NEPM 2013
Breast milk intake rate	L/day	-	0.85	-	enHealth (2012b)
Incidental ingestion and dermal contact with groundwater seepage in an excavation					
Exposure frequency for incidental water ingestion	days/yr	-	-	-	-
Exposure frequency for dermal water contact	days/yr	-	-	-	-
Exposure time for dermal water contact	hr/day	-	-	-	-
Event frequency for dermal water contact	events/day	-	-	-	-
Incidental ingestion rate	L/day	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Inhalation of groundwater vapours during irrigation/ showering					
Exposure frequency (shower/sprinkler)	days/yr	-	-	-	-
Exposure time (shower/sprinkler)	min/ day	-	-	-	-
Inhalation rate shower / sprinkler	m^3/hr	-	-	-	-
Inhalation absorption adjustment factor	mg/mg	-	-	-	-
Lung retention factor	unitless	-	-	-	-
Inhalation of vapour emissions from groundwater seepage in a basement					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/year	-	-	-	-
Incidental ingestion and dermal contact with groundwater during showering/bathing					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/event	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during food preparation and cleanup					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during domestic laundry					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Dermal contact with groundwater residues on fabric after washing clothes					
Exposure frequency	days/yr	-	-	-	-
Exposed skin surface for clothing contact	cm^2	-	-	-	-
Dermal absorption adjustment factor	unitless	-	-	-	-
Incidental ingestion and dermal contact with groundwater during household cleaning					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Ingestion of eggs					
Daily egg ingestion rate	g/day	78.0	44.3	ABS, 2014	ABS, 2014
Exposure frequency for egg ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily egg intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown fruit					
Daily plant ingestion rate	g/day	212.2	198.0	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown green vegetables					
Daily plant ingestion rate	g/day	296.8	345.9	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013

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Calculation of Intake of Contaminants by Mother
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

	Chronic Daily Intake by Mother via		Chronic Daily	Chronic Daily Intake by Mother via Ingestion Pathways			
Chemical	Inhalation of Surface Soil-Derived Dust in Indoor Air	Inhalation of Surface Soil-Derived Dust in Outdoor Air	Dermal Contact with Soil	Incidental Ingestion of Soil	Ingestion of Eggs from Poultry	Investigation of Fruit and Vegetables	Cumulative Chronic Daily Intake by Mother
	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day
Arsenic, Inorganic	3.00E-13	2.69E-17	9.83E-12	3.12E-11	3.78E-13	1.53E-09	1.57E-09
Cadmium	3.61E-12	3.23E-16	-	3.75E-10	2.03E-12	2.57E-08	2.60E-08
Chromium(VI)	3.73E-12	3.35E-16	-	3.88E-10	1.79E-11	2.71E-08	2.75E-08
Lead	-	-	-	-	3.54E-12	7.10E-08	7.10E-08
Mercury (elemental)	1.86E-11	1.67E-15	1.22E-10	1.94E-09	7.75E-10	5.84E-09	8.69E-09
Nickel	-	-	1.19E-10	3.78E-10	1.12E-10	1.90E-08	1.96E-08
Selenium	6.75E-13	6.05E-17	-	7.02E-11	7.11E-12	3.71E-09	3.79E-09
Vanadium	-	-	-	4.80E-11	0.00E+00	2.47E-09	2.52E-09
2,3,7,8-Tetrachlorodibenzodioxin	1.18E-17	1.06E-21	2.32E-15	1.22E-15	8.89E-16	4.22E-14	4.67E-14

Calculation of Contaminants in Human Milk from Environmental Data
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Chronic Daily Intake by Mother	Half-life of Chemicals in Body ($t_{1/2}$)	Fraction of Ingested Chemical Stored in Fat	Fraction of Mothers Weight that is Fat	Concentration in Human Breast Milk (C_{BM})
	mg/kg/day	days	Unitless	Unitless	mg/L
Arsenic, Inorganic	1.57E-09	6.00E+01	9.00E-01	3.50E-01	3.50E-07
Cadmium	2.60E-08	1.28E+04	9.00E-01	3.50E-01	1.23E-03
Chromium(VI)	2.75E-08	8.34E+01	9.00E-01	3.50E-01	8.50E-06
Lead	7.10E-08	1.10E+04	9.00E-01	3.50E-01	2.89E-03
Mercury (elemental)	8.69E-09	3.65E+03	9.00E-01	3.50E-01	1.18E-04
Nickel	1.96E-08	1.63E+00	9.00E-01	3.50E-01	1.18E-07
Selenium	3.79E-09	3.40E+01	9.00E-01	3.50E-01	4.78E-07
Vanadium	2.52E-09	1.67E+00	9.00E-01	3.50E-01	1.56E-08
2,3,7,8-Tetrachlorodibenzodioxin	4.67E-14	2.56E+03	9.00E-01	3.50E-01	4.42E-10

Calculation of Concentration in Green Vegetables from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration (Cs)	Green Vegetable Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Green Vegetables
	mg/kg	mg/kg per mg/kg	g/s	unitless	s/m2/year	mg/kg	mg/kg
Arsenic, Inorganic	2.9E-06	0.00043	7.53E-06	6.00E-03	2.79E-03	1.91E-07	1.9E-07
Cadmium	3.5E-05	0.052	1.03E-04	9.00E-03	2.41E-03	2.24E-06	4.1E-06
Chromium(VI)	3.6E-05	0.0324	1.16E-04	9.00E-03	2.23E-03	2.33E-06	3.5E-06
Lead	1.4E-04	0	4.28E-04	7.00E-03	2.30E-03	8.94E-06	8.9E-06
Mercury (elemental)	1.8E-04	0.0069	8.73E-04	1.00E+00	2.09E-03	0.00E+00	1.2E-06
Nickel	3.5E-05	0.0043	1.36E-04	9.00E-03	1.84E-03	2.26E-06	2.4E-06
Selenium	6.5E-06	0.0108	1.87E-05	0.00E+00	2.47E-03	4.22E-07	4.9E-07
Vanadium	4.5E-06	0.0055	1.27E-05	0.00E+00	2.49E-03	2.88E-07	3.1E-07
2,3,7,8-Tetrachlorodibenzodioxin	1.1E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	5.22E-12	5.3E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Rp (unitless)	Interception fraction of the edible portion of plant	0.982	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.
kp (year^{-1})	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	5.66	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.

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Calculation of Contaminant Concentrations in Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Exposure Parameter	Unit	Value	Source
Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (F_i)	Unitless	1	Professional judgement. Assumed 100% from contaminated soil.
Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (Qp_i)	kg DW plant/day	0.07	Hattemer-Frey & Travis (1991)
Quantity of soil eaten by the animal (chicken) (Qs)	kg/day	0.001	Hattemer-Frey & Travis (1991)
Laying Rate (LR)	eggs/day	0.7	Professional judgement. Based on a chicken laying 5 eggs per week (260 days per year).
Average weight of edible portion of egg (E_w)	kg	0.058	Assumed the average weight of an egg would be 65g, of which 90% was edible.

Chemical	Pasture Plant Concentration (Cf)*	Soil Concentration (Cs)	Oral Soil Bioavailability Factor	Transfer Factor into Eggs (TF)	Concentration in Eggs (A_{egg})
	mg/kg	mg/kg	(unitless)	Unitless	mg/kg
Arsenic, Inorganic	1.9201E-07	2.91249E-06	1.00E+00	8.42E-04	3.39E-10
Cadmium	4.06132E-06	3.50173E-05	1.00E+00	2.32E-04	1.82E-09
Chromium(VI)	3.50532E-06	3.62267E-05	1.00E+00	2.32E-03	1.61E-08
Lead	8.93954E-06	0.000139535	1.00E+00	1.68E-04	3.17E-09
Mercury (elemental)	1.24797E-06	0.000180865	1.00E+00	1.05E-01	6.95E-07
Nickel	2.4122E-06	3.52827E-05	1.00E+00	2.00E-02	1.01E-07
Selenium	4.92253E-07	6.54802E-06	1.00E+00	6.32E-03	6.38E-09
Vanadium	3.13079E-07	4.48046E-06	1.00E+00	0.00E+00	0.00E+00
2,3,7,8-Tetrachlorodibenzodioxin	5.32272E-12	1.14323E-10	1.00E+00	6.65E-02	7.98E-13

Notes:
* Estimated concentration in green vegetables as it was assumed that chickens may eat vegetable scraps.

Calculation of Concentration in Fruit from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration (Cs)	Fruit Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Fruit
	mg/kg	mg/kg per mg/kg	g/s	unitless	s/m2/year	mg/kg	mg/kg
Arsenic, Inorganic	2.9E-06	0.0011	7.53E-06	6.00E-03	2.79E-03	2.33E-07	2.4E-07
Cadmium	3.5E-05	0.0014	1.03E-04	9.00E-03	2.41E-03	2.74E-06	2.8E-06
Chromium(VI)	3.6E-05	0.0324	1.16E-04	9.00E-03	2.23E-03	2.85E-06	4.0E-06
Lead	1.4E-04	0	4.28E-04	7.00E-03	2.30E-03	1.09E-05	1.1E-05
Mercury (elemental)	1.8E-04	0.001	8.73E-04	1.00E+00	2.09E-03	0.00E+00	1.8E-07
Nickel	3.5E-05	0.0034	1.36E-04	9.00E-03	1.84E-03	2.76E-06	2.9E-06
Selenium	6.5E-06	0.003	1.87E-05	0.00E+00	2.47E-03	5.15E-07	5.3E-07
Vanadium	4.5E-06	0.0055	1.27E-05	0.00E+00	2.49E-03	3.52E-07	3.8E-07
2,3,7,8-Tetrachlorodibenzodioxin	1.1E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	6.38E-12	6.5E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Fw (unitless)	Fraction of wet deposition that adheres to plant.	0.6	Assumed total deposition could adhere to plants. Value recommended for cations and most organics.
Rp (unitless)	Interception fraction of the edible portion of plant	0.053	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.
kp (year^{-1})	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	0.25	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.36874E-05	1.00E+00	1.00E-03	7.14E-07	3.12E-11	3.12E-08	6.67E-06	2.91E-10	2.91E-07
Cadmium	0.000525259	1.00E+00	3.20E-04	7.14E-07	3.75E-10	1.17E-06	6.67E-06	3.50E-09	1.09E-05
Chromium(VI)	0.000543401	1.00E+00	9.00E-04	7.14E-07	3.88E-10	4.31E-07	6.67E-06	3.62E-09	4.03E-06
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	1.00E+00	3.60E-04	7.14E-07	1.94E-09	5.38E-06	6.67E-06	1.81E-08	5.02E-05
Nickel	0.00052924	1.00E+00	4.80E-03	7.14E-07	3.78E-10	7.88E-08	6.67E-06	3.53E-09	7.35E-07
Selenium	9.82202E-05	1.00E+00	2.40E-03	7.14E-07	7.02E-11	2.92E-08	6.67E-06	6.55E-10	2.73E-07
Vanadium	6.72069E-05	1.00E+00	1.00E-02	7.14E-07	4.80E-11	4.80E-09	6.67E-06	4.48E-10	4.48E-08
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	1.00E+00	9.89E-10	7.14E-07	1.22E-15	1.24E-06	6.67E-06	1.14E-14	1.16E-05
TOTAL						**8.37E-06**			**7.81E-05**

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Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.36874E-05	0.005	1.00E-03	2.25E-07	9.83E-12	9.83E-09	4.50E-07	1.97E-11	1.97E-08
Cadmium	0.000525259	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.000543401	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	0.001	2.52E-05	4.50E-08	1.22E-10	4.84E-06	9.00E-08	2.44E-10	9.69E-06
Nickel	0.00052924	0.005	4.80E-03	2.25E-07	1.19E-10	2.48E-08	4.50E-07	2.38E-10	4.96E-08
Selenium	9.82202E-05	-	-	-	-	-	-	-	-
Vanadium	6.72069E-05	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	1.71484E-09	0.03	9.89E-10	1.35E-06	2.32E-15	2.34E-06	2.70E-06	4.63E-15	4.68E-06
TOTAL						**7.22E-06**			**1.44E-05**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	4.36874E-05	7.69E-08	1.00E-03	2.40E-08	1.05E-12	1.05E-09	2.40E-08	1.05E-12	1.05E-09
Cadmium	0.000525259	7.69E-08	4.00E-06	2.40E-08	1.26E-11	3.16E-06	2.40E-08	1.26E-11	3.16E-06
Chromium(VI)	0.000543401	7.69E-08	1.00E-04	2.40E-08	1.31E-11	1.31E-07	2.40E-08	1.31E-11	1.31E-07
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	7.69E-08	1.80E-04	2.40E-08	6.52E-11	3.62E-07	2.40E-08	6.52E-11	3.62E-07
Nickel	0.00052924	7.69E-08	1.60E-05	2.40E-08	1.27E-11	7.95E-07	2.40E-08	1.27E-11	7.95E-07
Selenium	9.82202E-05	7.69E-08	8.40E-03	2.40E-08	2.36E-12	2.81E-10	2.40E-08	2.36E-12	2.81E-10
Vanadium	6.72069E-05	7.69E-08	1.00E-03	2.40E-08	1.62E-12	1.62E-09	2.40E-08	1.62E-12	1.62E-09
2,3,7,8-Tetrachlorodibenzod	1.71484E-09	7.69E-08	3.46E-06	2.40E-08	4.12E-17	1.19E-11	2.40E-08	4.12E-17	1.19E-11
TOTAL						**4.45E-06**			**4.45E-06**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	4.36874E-05	3.45E-11	1.00E-03	2.16E-12	9.42E-17	9.42E-14	2.16E-12	9.42E-17	9.42E-14
Cadmium	0.000525259	3.45E-11	4.00E-06	2.16E-12	1.13E-15	2.83E-10	2.16E-12	1.13E-15	2.83E-10
Chromium(VI)	0.000543401	3.45E-11	1.00E-04	2.16E-12	1.17E-15	1.17E-11	2.16E-12	1.17E-15	1.17E-11
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	3.45E-11	1.80E-04	2.16E-12	5.85E-15	3.25E-11	2.16E-12	5.85E-15	3.25E-11
Nickel	0.00052924	3.45E-11	1.60E-05	2.16E-12	1.14E-15	7.13E-11	2.16E-12	1.14E-15	7.13E-11
Selenium	9.82202E-05	3.45E-11	8.40E-03	2.16E-12	2.12E-16	2.52E-14	2.16E-12	2.12E-16	2.52E-14
Vanadium	6.72069E-05	3.45E-11	1.00E-03	2.16E-12	1.45E-16	1.45E-13	2.16E-12	1.45E-16	1.45E-13
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	3.45E-11	3.46E-06	2.16E-12	3.70E-21	1.07E-15	2.16E-12	3.70E-21	1.07E-15
TOTAL						**3.99E-10**			**3.99E-10**

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	2.09E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	4.81E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	4.31E-08
IR_S	Soil ingestion rate (receptor specific)	g/day	0.050
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	1.93E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	1.73E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	5.02E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.26E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**4.83E-07**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**4.33E-11**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

AECOM

Health Risk Calculations - Ingestion of Breast Milk
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Concentration in Human Breast Milk (C_{BM})	Threshold Intake and Risk Calculations			
		Oral RfD (Background Corrected)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/L)	(mg/kg/day)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.50E-07	1.00E-03	1.42E-01	4.96E-08	4.96E-05
Cadmium	1.23E-03	3.20E-04	1.42E-01	1.75E-04	5.47E-01
Chromium(VI)	8.50E-06	9.00E-04	1.42E-01	1.20E-06	1.34E-03
Lead	2.89E-03	3.50E-03	1.42E-01	4.09E-04	1.17E-01
Mercury (elemental)	1.18E-04	3.60E-04	1.42E-01	1.67E-05	4.63E-02
Nickel	1.18E-07	4.80E-03	1.42E-01	1.67E-08	3.48E-06
Selenium	4.78E-07	2.40E-03	1.42E-01	6.77E-08	2.82E-05
Vanadium	1.56E-08	1.00E-02	1.42E-01	2.21E-09	2.21E-07
2,3,7,8-Tetrachlorodibenzodi	4.42E-10	9.89E-10	1.42E-01	6.27E-11	6.34E-02
TOTAL					**7.75E-01**

AECOM

Health Risk Calculations - Ingestion of Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Egg Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.3919E-10	1.00E-03	1.11E-03	3.78E-13	3.78E-10	2.95E-03	1.00E-12	1.00E-09
Cadmium	1.82131E-09	3.20E-04	1.11E-03	2.03E-12	6.34E-09	2.95E-03	5.38E-12	1.68E-08
Chromium(VI)	1.60622E-08	9.00E-04	1.11E-03	1.79E-11	1.99E-08	2.95E-03	4.74E-11	5.27E-08
Lead	3.17471E-09	3.50E-03	1.11E-03	3.54E-12	1.01E-09	2.95E-03	9.38E-12	2.68E-09
Mercury (elemental)	6.95419E-07	3.60E-04	1.11E-03	7.75E-10	2.15E-06	2.95E-03	2.05E-09	5.71E-06
Nickel	1.0056E-07	4.80E-03	1.11E-03	1.12E-10	2.33E-08	2.95E-03	2.97E-10	6.19E-08
Selenium	6.37891E-09	2.40E-03	1.11E-03	7.11E-12	2.96E-09	2.95E-03	1.88E-11	7.85E-09
Vanadium		1.00E-02	1.11E-03			2.95E-03		
2,3,7,8-Tetrachlorodibenzodioxin	7.97846E-13	9.89E-10	1.11E-03	8.89E-16	8.99E-07	2.95E-03	2.36E-15	2.38E-06
TOTAL					**3.11E-06**			**8.23E-06**

AECOM

Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	2.36293E-07	1.00E-03	3.03E-03	7.16E-10	7.16E-07	1.32E-02	3.12E-09	3.12E-06
Cadmium	2.78662E-06	3.20E-04	3.03E-03	8.45E-09	2.64E-05	1.32E-02	3.68E-08	1.15E-04
Chromium(VI)	4.02274E-06	9.00E-04	3.03E-03	1.22E-08	1.35E-05	1.32E-02	5.31E-08	5.90E-05
Lead	1.09234E-05	3.50E-03	3.03E-03	3.31E-08	9.46E-06	1.32E-02	1.44E-07	4.12E-05
Mercury (elemental)	1.80865E-07	3.60E-04	3.03E-03	5.48E-10	1.52E-06	1.32E-02	2.39E-09	6.63E-06
Nickel	2.88209E-06	4.80E-03	3.03E-03	8.74E-09	1.82E-06	1.32E-02	3.80E-08	7.93E-06
Selenium	5.34724E-07	2.40E-03	3.03E-03	1.62E-09	6.75E-07	1.32E-02	7.06E-09	2.94E-06
Vanadium	3.77088E-07	1.00E-02	3.03E-03	1.14E-09	1.14E-07	1.32E-02	4.98E-09	4.98E-07
2,3,7,8-Tetrachlorodibenzodi	6.48169E-12	9.89E-10	3.03E-03	1.96E-14	1.99E-05	1.32E-02	8.56E-14	8.65E-05
TOTAL					**7.41E-05**			**3.23E-04**

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Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	1.9201E-07	1.00E-03	4.24E-03	8.14E-10	8.14E-07	2.31E-02	4.43E-09	4.43E-06
Cadmium	4.06132E-06	3.20E-04	4.24E-03	1.72E-08	5.38E-05	2.31E-02	9.37E-08	2.93E-04
Chromium(VI)	3.50532E-06	9.00E-04	4.24E-03	1.49E-08	1.65E-05	2.31E-02	8.08E-08	8.98E-05
Lead	8.93954E-06	3.50E-03	4.24E-03	3.79E-08	1.08E-05	2.31E-02	2.06E-07	5.89E-05
Mercury (elemental)	1.24797E-06	3.60E-04	4.24E-03	5.29E-09	1.47E-05	2.31E-02	2.88E-08	7.99E-05
Nickel	2.4122E-06	4.80E-03	4.24E-03	1.02E-08	2.13E-06	2.31E-02	5.56E-08	1.16E-05
Selenium	4.92253E-07	2.40E-03	4.24E-03	2.09E-09	8.70E-07	2.31E-02	1.14E-08	4.73E-06
Vanadium	3.13079E-07	1.00E-02	4.24E-03	1.33E-09	1.33E-07	2.31E-02	7.22E-09	7.22E-07
2,3,7,8-Tetrachlorodibenzodi	5.32272E-12	9.89E-10	4.24E-03	2.26E-14	2.28E-05	2.31E-02	1.23E-13	1.24E-04
TOTAL					**1.23E-04**			**6.67E-04**

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	1.75E-01	1.75E-01
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	8.4E-06	7.8E-05
Dermal Contact with Soil	7.2E-06	1.4E-05
Inhalation of Surface Soil-Derived Dust in Indoor Air	4.4E-06	4.4E-06
Inhalation of Surface Soil-Derived Dust in Outdoor Air	4.0E-10	4.0E-10
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	1.3E-06	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	4.8E-07	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	4.3E-11	-
DIETARY EXPOSURE PATHWAYS		
Ingestion of Fish from the Site	-	-
Ingestion of breast milk by infants	-	7.7E-01
Ingestion of home grown beef	-	-
Ingestion of home grown livestock milk	-	-
Ingestion of home grown eggs	3.1E-06	8.2E-06
Ingestion of home grown fruit	7.4E-05	3.2E-04
Ingestion of home grown green vegetables	1.2E-04	6.7E-04
Ingestion of home grown lamb	-	-
Ingestion of rabbit meat	-	-
Ingestion of shellfish	-	-
TOTAL	**1.8E-01**	**9.5E-01**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 Grid Max

Receptor:
Recreational
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	4.37E-05
Cadmium	5.25E-04
Chromium(VI)	5.43E-04
Lead	Refer to blood lead model
Mercury (elemental)	2.71E-03
Nickel	5.29E-04
Selenium	9.82E-05
Vanadium	6.72E-05
2,3,7,8-Tetrachlorodibenzodioxin	1.71E-09

Exposure Parameters:	Units	Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:					
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	25	50	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/yr	-	-	-	-
Particulate emission factor (indoor air)	m^3/kg	-	-	-	-
Lung Retention Factor (dust inhalation)	unitless	-	-	-	-
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	2	2	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.60E+07	2.60E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.36874E-05	1.00E+00	1.00E-03	3.57E-07	1.56E-11	1.56E-08	3.33E-06	1.46E-10	1.46E-07
Cadmium	0.000525259	1.00E+00	3.20E-04	3.57E-07	1.88E-10	5.86E-07	3.33E-06	1.75E-09	5.47E-06
Chromium(VI)	0.000543401	1.00E+00	9.00E-04	3.57E-07	1.94E-10	2.16E-07	3.33E-06	1.81E-09	2.01E-06
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	1.00E+00	3.60E-04	3.57E-07	9.69E-10	2.69E-06	3.33E-06	9.04E-09	2.51E-05
Nickel	0.00052924	1.00E+00	4.80E-03	3.57E-07	1.89E-10	3.94E-08	3.33E-06	1.76E-09	3.68E-07
Selenium	9.82202E-05	1.00E+00	2.40E-03	3.57E-07	3.51E-11	1.46E-08	3.33E-06	3.27E-10	1.36E-07
Vanadium	6.72069E-05	1.00E+00	1.00E-02	3.57E-07	2.40E-11	2.40E-09	3.33E-06	2.24E-10	2.24E-08
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	1.00E+00	9.89E-10	3.57E-07	6.12E-16	6.19E-07	3.33E-06	5.72E-15	5.78E-06
TOTAL						**4.18E-06**			**3.91E-05**

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Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.36874E-05	0.005	1.00E-03	2.25E-07	9.83E-12	9.83E-09	4.50E-07	1.97E-11	1.97E-08
Cadmium	0.000525259	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.000543401	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	0.001	2.52E-05	4.50E-08	1.22E-10	4.84E-06	9.00E-08	2.44E-10	9.69E-06
Nickel	0.00052924	0.005	4.80E-03	2.25E-07	1.19E-10	2.48E-08	4.50E-07	2.38E-10	4.96E-08
Selenium	9.82202E-05	-	-	-	-	-	-	-	-
Vanadium	6.72069E-05	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	1.71484E-09	0.03	9.89E-10	1.35E-06	2.32E-15	2.34E-06	2.70E-06	4.63E-15	4.68E-06
TOTAL						**7.22E-06**			**1.44E-05**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	4.36874E-05	3.85E-08	1.00E-03	1.20E-09	5.25E-14	5.25E-11	1.20E-09	5.25E-14	5.25E-11
Cadmium	0.000525259	3.85E-08	4.00E-06	1.20E-09	6.31E-13	1.58E-07	1.20E-09	6.31E-13	1.58E-07
Chromium(VI)	0.000543401	3.85E-08	1.00E-04	1.20E-09	6.53E-13	6.53E-09	1.20E-09	6.53E-13	6.53E-09
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	3.85E-08	1.80E-04	1.20E-09	3.26E-12	1.81E-08	1.20E-09	3.26E-12	1.81E-08
Nickel	0.00052924	3.85E-08	1.60E-05	1.20E-09	6.36E-13	3.98E-08	1.20E-09	6.36E-13	3.98E-08
Selenium	9.82202E-05	3.85E-08	8.40E-03	1.20E-09	1.18E-13	1.41E-11	1.20E-09	1.18E-13	1.41E-11
Vanadium	6.72069E-05	3.85E-08	1.00E-03	1.20E-09	8.08E-14	8.08E-11	1.20E-09	8.08E-14	8.08E-11
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	3.85E-08	3.46E-06	1.20E-09	2.06E-18	5.95E-13	1.20E-09	2.06E-18	5.95E-13
TOTAL						**2.22E-07**			**2.22E-07**

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	2.09E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	-
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	2.40E-05
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	-
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	9.66E-08
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	2.51E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**6.28E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**-**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.42E-08**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 1 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	1.46E-02	1.46E-02
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	4.2E-06	3.9E-05
Dermal Contact with Soil	7.2E-06	1.4E-05
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	2.2E-07	2.2E-07
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	6.3E-07	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	-	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	2.4E-08	-
TOTAL	**1.46E-02**	**1.46E-02**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 Grid Max

Receptor:
Commercial worker
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	4.37E-05
Cadmium	5.25E-04
Chromium(VI)	5.43E-04
Lead	Refer to blood lead model
Mercury (elemental)	2.71E-03
Nickel	5.29E-04
Selenium	9.82E-05
Vanadium	6.72E-05
2,3,7,8-Tetrachlorodibenzodioxin	1.71E-09

Exposure Parameters:	Units	Adopted Exposure Parameters	Source
		Adult	Adult
General receptor parameters:	**Units**		
Body weight	kg	70	ASC NEPM 2013
Exposure duration	yr	30	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	30	ASC NEPM 2013
Incidental ingestion of soil			
Daily soil ingestion rate	mg/day	25	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	ASC NEPM 2013
Dermal contact with soil			
Exposed skin surface area for soil contact	cm^2	3800	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation			
Exposure time (indoor air)	hrs/day	8	ASC NEPM 2013
Exposure frequency (indoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013
Outdoor inhalation			
Exposure time (outdoor air)	hrs/day	1	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	3.70E+10	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.36874E-05	1.00E+00	1.00E-03	3.57E-07	1.56E-11	1.56E-08	-	-	-
Cadmium	0.000525259	1.00E+00	3.20E-04	3.57E-07	1.88E-10	5.86E-07	-	-	-
Chromium(VI)	0.000543401	1.00E+00	9.00E-04	3.57E-07	1.94E-10	2.16E-07	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	1.00E+00	3.60E-04	3.57E-07	9.69E-10	2.69E-06	-	-	-
Nickel	0.00052924	1.00E+00	4.80E-03	3.57E-07	1.89E-10	3.94E-08	-	-	-
Selenium	9.82202E-05	1.00E+00	2.40E-03	3.57E-07	3.51E-11	1.46E-08	-	-	-
Vanadium	6.72069E-05	1.00E+00	1.00E-02	3.57E-07	2.40E-11	2.40E-09	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	1.00E+00	9.89E-10	3.57E-07	6.12E-16	6.19E-07	-	-	-
TOTAL						**4.18E-06**			

Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.36874E-05	0.005	1.00E-03	1.36E-07	5.93E-12	5.93E-09	-	-	-
Cadmium	0.000525259	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.000543401	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	0.001	2.52E-05	2.71E-08	7.36E-11	2.92E-06	-	-	-
Nickel	0.00052924	0.005	4.80E-03	1.36E-07	7.18E-11	1.50E-08	-	-	-
Selenium	9.82202E-05	-	-	-	-	-	-	-	-
Vanadium	6.72069E-05	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	0.03	9.89E-10	8.14E-07	1.40E-15	1.41E-06	-	-	-
TOTAL						**4.35E-06**			

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	4.36874E-05	7.69E-08	1.00E-03	9.62E-09	4.20E-13	4.20E-10	-	-	-
Cadmium	0.000525259	7.69E-08	4.00E-06	9.62E-09	5.05E-12	1.26E-06	-	-	-
Chromium(VI)	0.000543401	7.69E-08	1.00E-04	9.62E-09	5.23E-12	5.23E-08	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	7.69E-08	1.80E-04	9.62E-09	2.61E-11	1.45E-07	-	-	-
Nickel	0.00052924	7.69E-08	1.60E-05	9.62E-09	5.09E-12	3.18E-07	-	-	-
Selenium	9.82202E-05	7.69E-08	8.40E-03	9.62E-09	9.44E-13	1.12E-10	-	-	-
Vanadium	6.72069E-05	7.69E-08	1.00E-03	9.62E-09	6.46E-13	6.46E-10	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	7.69E-08	3.46E-06	9.62E-09	1.65E-17	4.76E-12	-	-	-
TOTAL						**1.78E-06**			

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	4.36874E-05	2.70E-11	1.00E-03	4.22E-13	1.84E-17	1.84E-14	-	-	-
Cadmium	0.000525259	2.70E-11	4.00E-06	4.22E-13	2.22E-16	5.55E-11	-	-	-
Chromium(VI)	0.000543401	2.70E-11	1.00E-04	4.22E-13	2.29E-16	2.29E-12	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.002712978	2.70E-11	1.80E-04	4.22E-13	1.15E-15	6.36E-12	-	-	-
Nickel	0.00052924	2.70E-11	1.60E-05	4.22E-13	2.23E-16	1.40E-11	-	-	-
Selenium	9.82202E-05	2.70E-11	8.40E-03	4.22E-13	4.15E-17	4.94E-15	-	-	-
Vanadium	6.72069E-05	2.70E-11	1.00E-03	4.22E-13	2.84E-17	2.84E-14	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	1.71484E-09	2.70E-11	3.46E-06	4.22E-13	7.24E-22	2.09E-16	-	-	-
TOTAL						**7.81E-11**			

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	2.09E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	1.92E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	8.45E-09
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S,D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S,D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	7.73E-07
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	3.39E-11
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	2.51E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal,\ 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**6.28E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.93E-07**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**8.49E-12**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 1 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates
	Adult Exposure
AIR EXPOSURE PATHWAYS	
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	4.32E-02
SOIL EXPOSURE PATHWAYS	
Incidental Ingestion of Soil	4.2E-06
Dermal Contact with Soil	4.4E-06
Inhalation of Surface Soil-Derived Dust in Indoor Air	1.8E-06
Inhalation of Surface Soil-Derived Dust in Outdoor Air	7.8E-11
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-
ADULT LEAD MODEL	
Ingestion of Lead in Soil/Dust (Adult Lead Model)	6.3E-07
Inhalation of Lead in Dust Indoors (Adult Lead Model)	1.9E-07
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	8.5E-12
TOTAL	**4.32E-02**

3. Scenario 2, Risk Estimates Based on 24 hour Maximum Concentrations

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 24-hr Maximum (annual average)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration 24-hr Maximum (annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	3.89E-03	1	0%	1	-	-	-	3.89E-03	3.89E-03	-	-	3.89E-03	3.89E-03
beryllium	3.87E-03	0.02	0%	0.02	2.40E-03	1.60E-03	3.85E-06	3.87E-03	1.94E-01	3.32E-04	7.96E-07	3.87E-03	1.94E-01
cadmium	4.13E-03	0.005	20%	0.004	-	-	-	4.13E-03	1.03E+00	-	-	4.13E-03	1.03E+00
chromium VI	4.13E-03	0.1	0%	0.1	-	-	-	4.13E-03	4.13E-02	-	-	4.13E-03	4.13E-02
cobalt	3.87E-03	0.1	0%	0.1	-	-	-	3.87E-03	3.87E-02	-	-	3.87E-03	3.87E-02
lead	4.94E-03	0.5	0%	0.5	-	-	-	4.94E-03	9.87E-03	-	-	4.94E-03	9.87E-03
mercury	3.89E-03	0.2	10%	0.18	-	-	-	3.89E-03	2.16E-02	-	-	3.89E-03	2.16E-02
nickel	4.13E-03	0.02	20%	0.016	-	-	-	4.13E-03	2.58E-01	-	-	4.13E-03	2.58E-01
selenium	3.92E-03	21	60%	8.4	-	-	-	3.92E-03	4.66E-04	-	-	3.92E-03	4.66E-04
vanadium	3.90E-03	1	0%	1	-	-	-	3.90E-03	3.90E-03	-	-	3.90E-03	3.90E-03
dioxins and furans	6.53E-10	0.00000805	57%	3.4615E-06	-	-	-	6.53E-10	1.89E-04	-	-	6.53E-10	1.89E-04
benzene	2.27E+00	30	20%	24	6.00E-06	9.41E-01	5.65E-06	2.27E+00	9.47E-02	1.95E-01	1.17E-06	2.27E+00	9.47E-02
						Total ILCR (Adult)	**9.50E-06**	**Hazard Index (∑HQ) (Adultl)**	**1.70E+00**	**Total ILCR (Child)**	**1.96E-06**	**Hazard Index (∑HQ) (Child)**	**1.70E+00**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 24-hr Maximum (annual average)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration 24-hr Maximum (annual average) (µg/m3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	1.75E-03	1	0%	1	-	-	-	1.46E-04	1.46E-04	-	-	1.46E-04	1.46E-04
beryllium	1.75E-03	0.02	0%	0.02	2.40E-03	6.03E-05	1.45E-07	1.45E-04	7.27E-03	1.25E-05	2.99E-08	1.45E-04	7.27E-03
cadmium	1.83E-03	0.005	20%	0.004	-	-	-	1.53E-04	3.82E-02	-	-	1.53E-04	3.82E-02
chromium VI	1.83E-03	0.1	0%	0.1	-	-	-	1.53E-04	1.53E-03	-	-	1.53E-04	1.53E-03
cobalt	1.75E-03	0.1	0%	0.1	-	-	-	1.46E-04	1.46E-03	-	-	1.46E-04	1.46E-03
lead	2.10E-03	0.5	0%	0.5	-	-	-	1.75E-04	3.50E-04	-	-	1.75E-04	3.50E-04
mercury	1.75E-03	0.2	10%	0.18	-	-	-	1.46E-04	8.11E-04	-	-	1.46E-04	8.11E-04
nickel	1.83E-03	0.02	20%	0.016	-	-	-	1.53E-04	9.54E-03	-	-	1.53E-04	9.54E-03
selenium	1.76E-03	21	60%	8.4	-	-	-	1.47E-04	1.75E-05	-	-	1.47E-04	1.75E-05
vanadium	1.76E-03	1	0%	1	-	-	-	1.46E-04	1.46E-04	-	-	1.46E-04	1.46E-04
dioxins and furans	2.94E-10	0.00000805	57%	3.4615E-06	-	-	-	2.45E-11	7.08E-06	-	-	2.45E-11	7.08E-06
benzene	1.01E+00	30	20%	24	6.00E-06	3.47E-02	2.08E-07	8.38E-02	3.49E-03	7.18E-03	4.31E-08	8.38E-02	3.49E-03
						Total ILCR (Adult)	**3.53E-07**	**Hazard Index (∑HQ) (Adultl)**	**6.29E-02**	**Total ILCR (Child)**	**7.30E-08**	**Hazard Index (∑HQ) (Child)**	**6.29E-02**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\ \left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Ground Level Concentration 24-hr Maximum (annual average)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration 24-hr Maximum (annual average) (µg/m3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	2.69E-03	1	0%	1	-	-	-	6.63E-04	6.63E-04
beryllium	2.69E-03	0.02	0%	0.02	2.40E-03	2.84E-04	6.81E-07	6.63E-04	3.31E-02
cadmium	2.67E-03	0.005	20%	0.004	-	-	-	6.59E-04	1.65E-01
chromium VI	2.88E-03	0.1	0%	0.1	-	-	-	7.09E-04	7.09E-03
cobalt	2.88E-03	0.1	0%	0.1	-	-	-	7.09E-04	7.09E-03
lead	3.49E-03	0.5	0%	0.5	-	-	-	8.61E-04	1.72E-03
mercury	2.69E-03	0.2	10%	0.18	-	-	-	6.63E-04	3.68E-03
nickel	2.88E-03	0.02	20%	0.016	-	-	-	7.09E-04	4.43E-02
selenium	2.71E-03	0.000043704	60%	8.4	-	-	-	6.68E-04	7.96E-05
vanadium	2.70E-03	0.000029903	0%	1	-	-	-	6.65E-04	6.65E-04
dioxins and furans	4.51E-10	0.00000805	57%	3.4615E-06	-	-	-	1.11E-10	3.21E-05
benzene	1.69E+00	30	20%	24	6.00E-06	1.79E-01	1.07E-06	4.17E-01	1.74E-02
						Total ILCR (Adult)	**1.75E-06**	**Hazard Index (∑HQ) (Adultl)**	**2.81E-01**

Potential Concentration in Soils Following Dust Deposition
Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium

Concentration in Soils

$$C_s = \frac{DR \times (1 - e^{-k^{\times} t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for each receptor.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/$T^{0.5}$	See below		Calculated using equation ln(2)/$T^{0.5}$.
$T^{0.5}$	Chemical half-life in soil (years)	100		years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment. NHMRC (2002) for dioxins and furans (surface soil).
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the thermal waste processing facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of plants.
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

Resident

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	3.34E-03	0.01	100	4.80E-03	3.20E-04
cadmium	3.56E-03	0.01	100	5.11E-03	3.41E-04
chromium	3.56E-03	0.01	100	5.11E-03	3.41E-04
lead	4.27E-03	0.01	100	6.12E-03	4.08E-04
mercury	3.34E-03	0.01	100	4.80E-03	3.20E-04
nickel	3.56E-03	0.01	100	5.11E-03	3.41E-04
selenium	3.37E-03	0.01	100	4.84E-03	3.22E-04
vanadium	3.36E-03	0.01	100	4.82E-03	3.21E-04
dioxins and furans	2.19E-09	0.05	15	1.95E-09	1.30E-10

Recreational User

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	4.29E-04	0.01	100	6.15E-04	4.10E-05
cadmium	4.56E-04	0.01	100	6.54E-04	4.36E-05
chromium	4.56E-04	0.01	100	6.54E-04	4.36E-05
lead	5.45E-04	0.01	100	7.82E-04	5.21E-05
mercury	4.29E-04	0.01	100	6.15E-04	4.10E-05
nickel	4.56E-04	0.01	100	6.54E-04	4.36E-05
selenium	4.32E-04	0.01	100	6.20E-04	4.13E-05
vanadium	4.30E-04	0.01	100	6.18E-04	4.12E-05
dioxins and furans	6.68E-10	0.05	15	5.96E-10	3.97E-11

Commercial Worker

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	7.04E-04	0.01	100	1.01E-03	6.73E-05
cadmium	7.66E-04	0.01	100	1.10E-03	7.33E-05
chromium	7.66E-04	0.01	100	1.10E-03	7.33E-05
lead	9.70E-04	0.01	100	1.39E-03	9.27E-05
mercury	7.04E-04	0.01	100	1.01E-03	6.73E-05
nickel	7.66E-04	0.01	100	1.10E-03	7.33E-05
selenium	7.11E-04	0.01	100	1.02E-03	6.80E-05
vanadium	7.07E-04	0.01	100	1.01E-03	6.77E-05
dioxins and furans	9.17E-10	0.05	15	8.18E-10	5.45E-11

References:

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
Stevens. B, 1991. 2,3,7,8-tetrachlorobenzo-p-dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health. Presented in: Health Effects of Municipal Waste Incineration. Edited by Holly A.
Howard et al., 1991. *Handbook of Environmental Degradation Rates.* Howard. P, Boethling. R, Jarvis. W, Meylan. W and Michalenko. E. Lewis Publishers, Chelsea, Michigan.
McKenzie et al., 2004. *Australian Soils and Landscapes: An Illustrated Compendium.* McKenzie. N, Jacquier. D, Isbell. R and Brown. K. CSIRO Publishing, Collingwood, Victoria.
NHMRC, 2002. *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians.* National Health and Medical Research Council. 24 October 2002.
Paustenbach et.al., 1992. Recent developments on the hazards posed by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in soil: Implications for setting risk-based cleanup levels at residential and industrial sites. Paustenbach DJ,

AECOM

General Information:

Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour

Receptor:
Residential (with soil access)

Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:

Enter "x" in box for potentially complete pathways

Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)
Groundwater Pathways	
	Ingestion of potable groundwater
	Inhalation of groundwater-derived vapours in indoor air
	Inhalation of groundwater-derived vapours in outdoor air
	Inhalation of groundwater vapours during irrigation/ showering
	Inhalation of vapour emissions from groundwater seepage in an excavation
	Inhalation of vapour emissions from groundwater seepage in a basement
	Incidental ingestion of groundwater seepage in an excavation
	Dermal contact with groundwater seepage in an excavation
	Incidental ingestion of groundwater during showering/bathing
	Dermal contact with groundwater during showering/bathing
	Incidental ingestion of groundwater during food preparation and cleanup
	Dermal contact with groundwater during food preparation and cleanup
	Incidental ingestion of groundwater during domestic laundry
	Dermal contact with groundwater during domestic laundry
	Dermal contact with groundwater residues after washing clothes
	Incidental ingestion of groundwater during household cleaning
	Dermal contact with groundwater during household cleaning
	Incidental ingestion of groundwater residues after washing floors
	Dermal contact with groundwater residues after washing floors
	Incidental ingestion of groundwater during sprinkler play
	Dermal contact with groundwater during sprinkler play
	Incidental ingestion of groundwater during washing of animals
	Dermal contact with groundwater during washing of animals
	Incidental ingestion of groundwater residues after washing animals
	Dermal contact with groundwater residues after washing companion animals
	Incidental ingestion of groundwater during washing of vehicles
	Dermal contact with groundwater during washing of vehicles
	Incidental ingestion of groundwater during irrigation
	Dermal contact with groundwater during irrigation
	Incidental ingestion of groundwater used in home swimming pools
	Dermal contact with groundwater used in home swimming pools
Soil Vapour Pathways	
	Inhalation of soil vapour-derived vapours in indoor air
	Inhalation of soil vapour-derived vapours in outdoor air
Sediment Pathways	
	Incidental ingestion of sediment
	Dermal contact with sediment
Surface Water Pathways	
	Incidental ingestion of surface water during fishing
	Dermal contact with surface water during fishing
	Incidental ingestion of surface water during boating
	Dermal contact with surface water during boating
	Incidental ingestion of surface water during swimming in creeks/rivers
	Dermal contact with surface water during swimming in creeks/rivers
Dietary Pathways	
x	Ingestion of breast milk by infants
x	Ingestion of home grown eggs
	Ingestion of fish
	Ingestion of shellfish
	Ingestion of beef
	Ingestion of lamb
	Ingestion of rabbit
	Ingestion of milk from livestock
x	Ingestion of home grown green vegetables
x	Ingestion of home grown fruit
N	Soil RBSLs saturation limited?
-	Groundwater RBSLs solubility limited?

Chemicals for Quantitative Assessment:	**Exposure Point Concentrations**						
	Soil Surface (mg/kg)	**Soil Plant Root Zone (mg/kg)**	**Human Breast Milk (mg/L)**	**Egg (mg/kg)**	**Pasture Plant (mg/kg)**	**Fruit (mg/kg)**	**Green Vegetables (mg/kg)**
Arsenic, Inorganic	4.80E-03	3.20E-04	modelled	modelled	modelled	modelled	modelled
Cadmium	5.11E-03	3.41E-04	modelled	modelled	modelled	modelled	modelled
Chromium(VI)	5.11E-03	3.41E-04	modelled	modelled	modelled	modelled	modelled
Lead	Refer to blood lead model	4.08E-04	modelled	modelled	modelled	modelled	modelled
Mercury (elemental)	4.80E-03	3.20E-04	modelled	modelled	modelled	modelled	modelled
Nickel	5.11E-03	3.41E-04	modelled	modelled	modelled	modelled	modelled
Selenium	4.84E-03	3.22E-04	modelled	modelled	modelled	modelled	modelled
Vanadium	4.82E-03	3.21E-04	modelled	modelled	modelled	modelled	modelled
2,3,7,8-Tetrachlorodibenzodioxin	1.95E-09	1.30E-10	modelled	modelled	modelled	modelled	modelled

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	50	100	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	20	20	enHealth (2012)	enHealth (2012)
Exposure frequency (indoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	1.30E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	4	4	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.90E+10	2.90E+10	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Ingestion of potable groundwater					
Potable water intake rate	L/day	-	-	-	-
Exposure frequency for potable water intake	days/yr	-	-	-	-
Ingestion of human breast milk by infants					
Exposure frequency	days/yr	-	365	-	enHealth (2012b) / ASC NEPM 2013
Exposure duration	years	-	1	-	enHealth (2012b) / ASC NEPM 2013
Infant body weight	kg	-	6	-	enHealth (2012b) / ASC NEPM 2013
Breast milk intake rate	L/day	-	0.85	-	enHealth (2012b)
Incidental ingestion and dermal contact with groundwater seepage in an excavation					
Exposure frequency for incidental water ingestion	days/yr	-	-	-	-
Exposure frequency for dermal water contact	days/yr	-	-	-	-
Exposure time for dermal water contact	hr/day	-	-	-	-
Event frequency for dermal water contact	events/day	-	-	-	-
Incidental ingestion rate	L/day	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Inhalation of groundwater vapours during irrigation/ showering					
Exposure frequency (shower/sprinkler)	days/yr	-	-	-	-
Exposure time (shower/sprinkler)	min/ day	-	-	-	-
Inhalation rate shower / sprinkler	m^3/hr	-	-	-	-
Inhalation absorption adjustment factor	mg/mg	-	-	-	-
Lung retention factor	unitless	-	-	-	-
Inhalation of vapour emissions from groundwater seepage in a basement					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/year	-	-	-	-
Incidental ingestion and dermal contact with groundwater during showering/bathing					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/event	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during food preparation and cleanup					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during domestic laundry					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Dermal contact with groundwater residues on fabric after washing clothes					
Exposure frequency	days/yr	-	-	-	-
Exposed skin surface for clothing contact	cm^2	-	-	-	-
Dermal absorption adjustment factor	unitless	-	-	-	-
Incidental ingestion and dermal contact with groundwater during household cleaning					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Ingestion of eggs					
Daily egg ingestion rate	g/day	78.0	44.3	ABS, 2014	ABS, 2014
Exposure frequency for egg ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily egg intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown fruit					
Daily plant ingestion rate	g/day	212.2	198.0	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown green vegetables					
Daily plant ingestion rate	g/day	296.8	345.9	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013

Calculation of Intake of Contaminants by Mother
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

	Chronic Daily Intake by Mother via		Chronic Daily	Chronic Daily Intake by Mother via Ingestion Pathways			
Chemical	Inhalation of Surface Soil-Derived Dust in Indoor Air	Inhalation of Surface Soil-Derived Dust in Outdoor Air	Dermal Contact with Soil	Incidental Ingestion of Soil	Ingestion of Eggs from Poultry	Investigation of Fruit and Vegetables	Cumulative Chronic Daily Intake by Mother
	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day
Arsenic, Inorganic	3.29E-11	2.95E-15	1.08E-09	3.43E-09	7.92E-12	3.16E-09	7.71E-09
Cadmium	3.51E-11	3.15E-15	-	3.65E-09	1.10E-11	9.43E-08	9.80E-08
Chromium(VI)	3.51E-11	3.15E-15	-	3.65E-09	8.11E-11	9.88E-08	1.03E-07
Lead	-	-	-	-	4.78E-12	7.10E-08	7.10E-08
Mercury (elemental)	3.29E-11	2.95E-15	2.16E-10	3.43E-09	1.37E-09	1.03E-08	1.54E-08
Nickel	-	-	1.15E-09	3.65E-09	3.30E-10	2.77E-08	3.28E-08
Selenium	3.32E-11	2.98E-15	-	3.45E-09	1.03E-10	2.10E-08	2.46E-08
Vanadium	-	-	-	3.44E-09	0.00E+00	1.51E-08	1.86E-08
2,3,7,8-Tetrachlorodibenzodioxin	1.34E-17	1.20E-21	2.63E-15	1.39E-15	9.20E-16	4.23E-14	4.73E-14

Calculation of Contaminants in Human Milk from Environmental Data
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Chronic Daily Intake by Mother	Half-life of Chemicals in Body ($t_{1/2}$)	Fraction of Ingested Chemical Stored in Fat	Fraction of Mothers Weight that is Fat	Concentration in Human Breast Milk (C_{BM})
	mg/kg/day	days	Unitless	Unitless	mg/L
Arsenic, Inorganic	7.71E-09	6.00E+01	9.00E-01	3.50E-01	1.72E-06
Cadmium	9.80E-08	1.28E+04	9.00E-01	3.50E-01	4.65E-03
Chromium(VI)	1.03E-07	8.34E+01	9.00E-01	3.50E-01	3.17E-05
Lead	7.10E-08	1.10E+04	9.00E-01	3.50E-01	2.89E-03
Mercury (elemental)	1.54E-08	3.65E+03	9.00E-01	3.50E-01	2.08E-04
Nickel	3.28E-08	1.63E+00	9.00E-01	3.50E-01	1.98E-07
Selenium	2.46E-08	3.40E+01	9.00E-01	3.50E-01	3.11E-06
Vanadium	1.86E-08	1.67E+00	9.00E-01	3.50E-01	1.15E-07
2,3,7,8-Tetrachlorodibenzodioxin	4.73E-14	2.56E+03	9.00E-01	3.50E-01	4.48E-10

Calculation of Concentration in Green Vegetables from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration (Cs)	Green Vegetable Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Green Vegetables
	mg/kg	mg/kg per mg/kg	g/s	unitless	s/m^2/year	mg/kg	mg/kg
Arsenic, Inorganic	3.2E-04	0.00043	7.53E-06	6.00E-03	2.79E-03	1.91E-07	3.3E-07
Cadmium	3.4E-04	0.052	1.03E-04	9.00E-03	2.41E-03	2.24E-06	2.0E-05
Chromium(VI)	3.4E-04	0.0324	1.16E-04	9.00E-03	2.23E-03	2.33E-06	1.3E-05
Lead	4.1E-04	0	4.28E-04	7.00E-03	2.30E-03	8.94E-06	8.9E-06
Mercury (elemental)	3.2E-04	0.0069	8.73E-04	1.00E+00	2.09E-03	0.00E+00	2.2E-06
Nickel	3.4E-04	0.0043	1.36E-04	9.00E-03	1.84E-03	2.26E-06	3.7E-06
Selenium	3.2E-04	0.0108	1.87E-05	0.00E+00	2.47E-03	4.22E-07	3.9E-06
Vanadium	3.2E-04	0.0055	1.27E-05	0.00E+00	2.49E-03	2.88E-07	2.1E-06
2,3,7,8-Tetrachlorodibenzodioxin	1.3E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	5.22E-12	5.3E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Rp (unitless)	Interception fraction of the edible portion of plant	0.982	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.
kp (year^{-1})	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	5.66	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.

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Calculation of Contaminant Concentrations in Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Exposure Parameter	Unit	Value	Source
Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (F_i)	Unitless	1	Professional judgement. Assumed 100% from contaminated soil.
Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (Qp_i)	kg DW plant/day	0.07	Hattemer-Frey & Travis (1991)
Quantity of soil eaten by the animal (chicken) (Qs)	kg/day	0.001	Hattemer-Frey & Travis (1991)
Laying Rate (LR)	eggs/day	0.7	Professional judgement. Based on a chicken laying 5 eggs per week (260 days per year).
Average weight of edible portion of egg (E_w)	kg	0.058	Assumed the average weight of an egg would be 65g, of which 90% was edible.

Chemical	Pasture Plant Concentration (Cf)*	Soil Concentration (Cs)	Oral Soil Bioavailability Factor	Transfer Factor into Eggs (TF)	Concentration in Eggs (A_{egg})
	mg/kg	mg/kg	(unitless)	Unitless	mg/kg
Arsenic, Inorganic	3.28259E-07	0.00031977	1.00E+00	8.42E-04	7.11E-09
Cadmium	1.99522E-05	0.000340611	1.00E+00	2.32E-04	9.91E-09
Chromium(VI)	1.33674E-05	0.000340611	1.00E+00	2.32E-03	7.28E-08
Lead	8.93954E-06	0.000408263	1.00E+00	1.68E-04	4.29E-09
Mercury (elemental)	2.20683E-06	0.00031983	1.00E+00	1.05E-01	1.23E-06
Nickel	3.72512E-06	0.000340611	1.00E+00	2.00E-02	2.96E-07
Selenium	3.90306E-06	0.000322364	1.00E+00	6.32E-03	9.26E-08
Vanadium	2.05397E-06	0.000321007	1.00E+00	0.00E+00	0.00E+00
2,3,7,8-Tetrachlorodibenzodioxin	5.33652E-12	1.3007E-10	1.00E+00	6.65E-02	8.25E-13

Notes:
* Estimated concentration in green vegetables as it was assumed that chickens may eat vegetable scraps.

Calculation of Concentration in Fruit from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration (Cs)	Fruit Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Fruit
	mg/kg	mg/kg per mg/kg	g/s	unitless	s/m^2/year	mg/kg	mg/kg
Arsenic, Inorganic	3.2E-04	0.0011	7.53E-06	6.00E-03	2.79E-03	2.33E-07	5.8E-07
Cadmium	3.4E-04	0.0014	1.03E-04	9.00E-03	2.41E-03	2.74E-06	3.2E-06
Chromium(VI)	3.4E-04	0.0324	1.16E-04	9.00E-03	2.23E-03	2.85E-06	1.4E-05
Lead	4.1E-04	0	4.28E-04	7.00E-03	2.30E-03	1.09E-05	1.1E-05
Mercury (elemental)	3.2E-04	0.001	8.73E-04	1.00E+00	2.09E-03	0.00E+00	3.2E-07
Nickel	3.4E-04	0.0034	1.36E-04	9.00E-03	1.84E-03	2.76E-06	3.9E-06
Selenium	3.2E-04	0.003	1.87E-05	0.00E+00	2.47E-03	5.15E-07	1.5E-06
Vanadium	3.2E-04	0.0055	1.27E-05	0.00E+00	2.49E-03	3.52E-07	2.1E-06
2,3,7,8-Tetrachlorodibenzodioxin	1.3E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	6.38E-12	6.5E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Rp (unitless)	Interception fraction of the edible portion of plant	0.053	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.
kp (year^{-1})	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	0.25	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004796549	1.00E+00	1.00E-03	7.14E-07	3.43E-09	3.43E-06	6.67E-06	3.20E-08	3.20E-05
Cadmium	0.005109171	1.00E+00	3.20E-04	7.14E-07	3.65E-09	1.14E-05	6.67E-06	3.41E-08	1.06E-04
Chromium(VI)	0.005109171	1.00E+00	9.00E-04	7.14E-07	3.65E-09	4.05E-06	6.67E-06	3.41E-08	3.78E-05
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004797454	1.00E+00	3.60E-04	7.14E-07	3.43E-09	9.52E-06	6.67E-06	3.20E-08	8.88E-05
Nickel	0.005109171	1.00E+00	4.80E-03	7.14E-07	3.65E-09	7.60E-07	6.67E-06	3.41E-08	7.10E-06
Selenium	0.004835458	1.00E+00	2.40E-03	7.14E-07	3.45E-09	1.44E-06	6.67E-06	3.22E-08	1.34E-05
Vanadium	0.004815099	1.00E+00	1.00E-02	7.14E-07	3.44E-09	3.44E-07	6.67E-06	3.21E-08	3.21E-06
2,3,7,8-Tetrachlorodibenzodioxin	1.95104E-09	1.00E+00	9.89E-10	7.14E-07	1.39E-15	1.41E-06	6.67E-06	1.30E-14	1.32E-05
TOTAL						**3.24E-05**			**3.02E-04**

Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004796549	0.005	1.00E-03	2.25E-07	1.08E-09	1.08E-06	4.50E-07	2.16E-09	2.16E-06
Cadmium	0.005109171	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.005109171	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004797454	0.001	2.52E-05	4.50E-08	2.16E-10	8.57E-06	9.00E-08	4.32E-10	1.71E-05
Nickel	0.005109171	0.005	4.80E-03	2.25E-07	1.15E-09	2.39E-07	4.50E-07	2.30E-09	4.79E-07
Selenium	0.004835458	-	-	-	-	-	-	-	-
Vanadium	0.004815099	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	1.95104E-09	0.03	9.89E-10	1.35E-06	2.63E-15	2.66E-06	2.70E-06	5.27E-15	5.33E-06
TOTAL						**1.25E-05**			**2.51E-05**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.004796549	7.69E-08	1.00E-03	2.40E-08	1.15E-10	1.15E-07	2.40E-08	1.15E-10	1.15E-07
Cadmium	0.005109171	7.69E-08	4.00E-06	2.40E-08	1.23E-10	3.07E-05	2.40E-08	1.23E-10	3.07E-05
Chromium(VI)	0.005109171	7.69E-08	1.00E-04	2.40E-08	1.23E-10	1.23E-06	2.40E-08	1.23E-10	1.23E-06
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004797454	7.69E-08	1.80E-04	2.40E-08	1.15E-10	6.41E-07	2.40E-08	1.15E-10	6.41E-07
Nickel	0.005109171	7.69E-08	1.60E-05	2.40E-08	1.23E-10	7.68E-06	2.40E-08	1.23E-10	7.68E-06
Selenium	0.004835458	7.69E-08	8.40E-03	2.40E-08	1.16E-10	1.38E-08	2.40E-08	1.16E-10	1.38E-08
Vanadium	0.004815099	7.69E-08	1.00E-03	2.40E-08	1.16E-10	1.16E-07	2.40E-08	1.16E-10	1.16E-07
2,3,7,8-Tetrachlorodibenzo	1.95104E-09	7.69E-08	3.46E-06	2.40E-08	4.69E-17	1.35E-11	2.40E-08	4.69E-17	1.35E-11
TOTAL						**4.05E-05**			**4.05E-05**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.004796549	3.45E-11	1.00E-03	2.16E-12	1.03E-14	1.03E-11	2.16E-12	1.03E-14	1.03E-11
Cadmium	0.005109171	3.45E-11	4.00E-06	2.16E-12	1.10E-14	2.75E-09	2.16E-12	1.10E-14	2.75E-09
Chromium(VI)	0.005109171	3.45E-11	1.00E-04	2.16E-12	1.10E-14	1.10E-10	2.16E-12	1.10E-14	1.10E-10
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004797454	3.45E-11	1.80E-04	2.16E-12	1.03E-14	5.74E-11	2.16E-12	1.03E-14	5.74E-11
Nickel	0.005109171	3.45E-11	1.60E-05	2.16E-12	1.10E-14	6.88E-10	2.16E-12	1.10E-14	6.88E-10
Selenium	0.004835458	3.45E-11	8.40E-03	2.16E-12	1.04E-14	1.24E-12	2.16E-12	1.04E-14	1.24E-12
Vanadium	0.004815099	3.45E-11	1.00E-03	2.16E-12	1.04E-14	1.04E-11	2.16E-12	1.04E-14	1.04E-11
2,3,7,8-Tetrachlorodibenzodioxin	1.95104E-09	3.45E-11	3.46E-06	2.16E-12	4.20E-21	1.21E-15	2.16E-12	4.20E-21	1.21E-15
TOTAL						**3.63E-09**			**3.63E-09**

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	6.12E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	4.81E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	4.31E-08
IR_S	Soil ingestion rate (receptor specific)	g/day	0.050
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	5.65E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	5.07E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	1.47E-05
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.177%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**3.67E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.41E-06**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.27E-10**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Health Risk Calculations - Ingestion of Breast Milk
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Concentration in Human Breast Milk (C_{BM})	Threshold Intake and Risk Calculations			
		Oral RfD (Background Corrected)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/L)	(mg/kg/day)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	1.72E-06	1.00E-03	1.42E-01	2.43E-07	2.43E-04
Cadmium	4.65E-03	3.20E-04	1.42E-01	6.58E-04	2.06E+00
Chromium(VI)	3.17E-05	9.00E-04	1.42E-01	4.50E-06	4.99E-03
Lead	2.89E-03	3.50E-03	1.42E-01	4.09E-04	1.17E-01
Mercury (elemental)	2.08E-04	3.60E-04	1.42E-01	2.95E-05	8.19E-02
Nickel	1.98E-07	4.80E-03	1.42E-01	2.80E-08	5.84E-06
Selenium	3.11E-06	2.40E-03	1.42E-01	4.40E-07	1.83E-04
Vanadium	1.15E-07	1.00E-02	1.42E-01	1.63E-08	1.63E-06
2,3,7,8-Tetrachlorodibenzodi	4.48E-10	9.89E-10	1.42E-01	6.35E-11	6.42E-02
TOTAL					**2.33E+00**

Health Risk Calculations - Ingestion of Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Egg Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	7.10911E-09	1.00E-03	1.11E-03	7.92E-12	7.92E-09	2.95E-03	2.10E-11	2.10E-08
Cadmium	9.90922E-09	3.20E-04	1.11E-03	1.10E-11	3.45E-08	2.95E-03	2.93E-11	9.15E-08
Chromium(VI)	7.28007E-08	9.00E-04	1.11E-03	8.11E-11	9.01E-08	2.95E-03	2.15E-10	2.39E-07
Lead	4.28947E-09	3.50E-03	1.11E-03	4.78E-12	1.37E-09	2.95E-03	1.27E-11	3.62E-09
Mercury (elemental)	1.22973E-06	3.60E-04	1.11E-03	1.37E-09	3.81E-06	2.95E-03	3.63E-09	1.01E-05
Nickel	2.96241E-07	4.80E-03	1.11E-03	3.30E-10	6.88E-08	2.95E-03	8.75E-10	1.82E-07
Selenium	9.26489E-08	2.40E-03	1.11E-03	1.03E-10	4.30E-08	2.95E-03	2.74E-10	1.14E-07
Vanadium		1.00E-02	1.11E-03			2.95E-03		
2,3,7,8-Tetrachlorodibenzodioxin	8.2523E-13	9.89E-10	1.11E-03	9.20E-16	9.30E-07	2.95E-03	2.44E-15	2.46E-06
TOTAL					**4.98E-06**			**1.32E-05**

Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	5.84836E-07	1.00E-03	3.03E-03	1.77E-09	1.77E-06	1.32E-02	7.72E-09	7.72E-06
Cadmium	3.21446E-06	3.20E-04	3.03E-03	9.74E-09	3.05E-05	1.32E-02	4.24E-08	1.33E-04
Chromium(VI)	1.38848E-05	9.00E-04	3.03E-03	4.21E-08	4.68E-05	1.32E-02	1.83E-07	2.04E-04
Lead	1.09234E-05	3.50E-03	3.03E-03	3.31E-08	9.46E-06	1.32E-02	1.44E-07	4.12E-05
Mercury (elemental)	3.1983E-07	3.60E-04	3.03E-03	9.70E-10	2.69E-06	1.32E-02	4.22E-09	1.17E-05
Nickel	3.9202E-06	4.80E-03	3.03E-03	1.19E-08	2.48E-06	1.32E-02	5.17E-08	1.08E-05
Selenium	1.48217E-06	2.40E-03	3.03E-03	4.49E-09	1.87E-06	1.32E-02	1.96E-08	8.15E-06
Vanadium	2.11798E-06	1.00E-02	3.03E-03	6.42E-09	6.42E-07	1.32E-02	2.80E-08	2.80E-06
2,3,7,8-Tetrachlorodibenzodi	6.49548E-12	9.89E-10	3.03E-03	1.97E-14	1.99E-05	1.32E-02	8.57E-14	8.67E-05
TOTAL					**1.16E-04**			**5.05E-04**

Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.28259E-07	1.00E-03	4.24E-03	1.39E-09	1.39E-06	2.31E-02	7.57E-09	7.57E-06
Cadmium	1.99522E-05	3.20E-04	4.24E-03	8.46E-08	2.64E-04	2.31E-02	4.60E-07	1.44E-03
Chromium(VI)	1.33674E-05	9.00E-04	4.24E-03	5.67E-08	6.30E-05	2.31E-02	3.08E-07	3.43E-04
Lead	8.93954E-06	3.50E-03	4.24E-03	3.79E-08	1.08E-05	2.31E-02	2.06E-07	5.89E-05
Mercury (elemental)	2.20683E-06	3.60E-04	4.24E-03	9.36E-09	2.60E-05	2.31E-02	5.09E-08	1.41E-04
Nickel	3.72512E-06	4.80E-03	4.24E-03	1.58E-08	3.29E-06	2.31E-02	8.59E-08	1.79E-05
Selenium	3.90306E-06	2.40E-03	4.24E-03	1.65E-08	6.90E-06	2.31E-02	9.00E-08	3.75E-05
Vanadium	2.05397E-06	1.00E-02	4.24E-03	8.71E-09	8.71E-07	2.31E-02	4.74E-08	4.74E-06
2,3,7,8-Tetrachlorodibenzodi	5.33652E-12	9.89E-10	4.24E-03	2.26E-14	2.29E-05	2.31E-02	1.23E-13	1.24E-04
TOTAL					**3.99E-04**			**2.17E-03**

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	1.70E+00	1.70E+00
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	3.2E-05	3.0E-04
Dermal Contact with Soil	1.3E-05	2.5E-05
Inhalation of Surface Soil-Derived Dust in Indoor Air	4.0E-05	4.0E-05
Inhalation of Surface Soil-Derived Dust in Outdoor Air	3.6E-09	3.6E-09
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	3.7E-06	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	1.4E-06	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	1.3E-10	-
DIETARY EXPOSURE PATHWAYS		
Ingestion of Fish from the Site	-	-
Ingestion of breast milk by infants	-	2.3E+00
Ingestion of home grown beef	-	-
Ingestion of home grown livestock milk	-	-
Ingestion of home grown eggs	5.0E-06	1.3E-05
Ingestion of home grown fruit	1.2E-04	5.1E-04
Ingestion of home grown green vegetables	4.0E-04	2.2E-03
Ingestion of home grown lamb	-	-
Ingestion of rabbit meat	-	-
Ingestion of shellfish	-	-
TOTAL	**1.7E+00**	**4.0E+00**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 24 hour

Receptor:
Recreational
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:

Enter "x" in box for potentially complete pathways

	Soil Pathways
x	Incidental ingestion of soil
x	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	6.15E-04
Cadmium	6.54E-04
Chromium(VI)	6.54E-04
Lead	Refer to blood lead model
Mercury (elemental)	6.15E-04
Nickel	6.54E-04
Selenium	6.20E-04
Vanadium	6.18E-04
2,3,7,8-Tetrachlorodibenzodioxin	5.96E-10

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	**Child**	**Adult**	**Child**
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	25	50	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/yr	-	-	-	-
Particulate emission factor (indoor air)	m^3/kg	-	-	-	-
Lung Retention Factor (dust inhalation)	unitless	-	-	-	-
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	2	2	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.60E+07	2.60E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.000615155	1.00E+00	1.00E-03	3.57E-07	2.20E-10	2.20E-07	3.33E-06	2.05E-09	2.05E-06
Cadmium	0.000654425	1.00E+00	3.20E-04	3.57E-07	2.34E-10	7.30E-07	3.33E-06	2.18E-09	6.82E-06
Chromium(VI)	0.000654425	1.00E+00	9.00E-04	3.57E-07	2.34E-10	2.60E-07	3.33E-06	2.18E-09	2.42E-06
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00061529	1.00E+00	3.60E-04	3.57E-07	2.20E-10	6.10E-07	3.33E-06	2.05E-09	5.70E-06
Nickel	0.000654425	1.00E+00	4.80E-03	3.57E-07	2.34E-10	4.87E-08	3.33E-06	2.18E-09	4.54E-07
Selenium	0.000620041	1.00E+00	2.40E-03	3.57E-07	2.21E-10	9.23E-08	3.33E-06	2.07E-09	8.61E-07
Vanadium	0.000617507	1.00E+00	1.00E-02	3.57E-07	2.21E-10	2.21E-08	3.33E-06	2.06E-09	2.06E-07
2,3,7,8-Tetrachlorodibenzodioxin	5.95652E-10	1.00E+00	9.89E-10	3.57E-07	2.13E-16	2.15E-07	3.33E-06	1.99E-15	2.01E-06
TOTAL						**2.20E-06**			**2.05E-05**

AECOM

Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.000615155	0.005	1.00E-03	2.25E-07	1.38E-10	1.38E-07	4.50E-07	2.77E-10	2.77E-07
Cadmium	0.000654425	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.000654425	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00061529	0.001	2.52E-05	4.50E-08	2.77E-11	1.10E-06	9.00E-08	5.54E-11	2.20E-06
Nickel	0.000654425	0.005	4.80E-03	2.25E-07	1.47E-10	3.07E-08	4.50E-07	2.94E-10	6.14E-08
Selenium	0.000620041	-	-	-	-	-	-	-	-
Vanadium	0.000617507	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	5.95652E-10	0.03	9.89E-10	1.35E-06	8.04E-16	8.13E-07	2.70E-06	1.61E-15	1.63E-06
TOTAL						**2.08E-06**			**4.16E-06**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.000615155	3.85E-08	1.00E-03	1.20E-09	7.39E-13	7.39E-10	1.20E-09	7.39E-13	7.39E-10
Cadmium	0.000654425	3.85E-08	4.00E-06	1.20E-09	7.87E-13	1.97E-07	1.20E-09	7.87E-13	1.97E-07
Chromium(VI)	0.000654425	3.85E-08	1.00E-04	1.20E-09	7.87E-13	7.87E-09	1.20E-09	7.87E-13	7.87E-09
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.00061529	3.85E-08	1.80E-04	1.20E-09	7.40E-13	4.11E-09	1.20E-09	7.40E-13	4.11E-09
Nickel	0.000654425	3.85E-08	1.60E-05	1.20E-09	7.87E-13	4.92E-08	1.20E-09	7.87E-13	4.92E-08
Selenium	0.000620041	3.85E-08	8.40E-03	1.20E-09	7.45E-13	8.87E-11	1.20E-09	7.45E-13	8.87E-11
Vanadium	0.000617507	3.85E-08	1.00E-03	1.20E-09	7.42E-13	7.42E-10	1.20E-09	7.42E-13	7.42E-10
2,3,7,8-Tetrachlorodibenzodioxin	5.95652E-10	3.85E-08	3.46E-06	1.20E-09	7.16E-19	2.07E-13	1.20E-09	7.16E-19	2.07E-13
TOTAL						**2.59E-07**			**2.59E-07**

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	7.82E-04
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	-
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	2.40E-05
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	-
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	3.61E-08
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	9.38E-07
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.35E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**-**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**9.02E-09**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	6.29E-02	6.29E-02
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	2.2E-06	2.1E-05
Dermal Contact with Soil	2.1E-06	4.2E-06
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	2.6E-07	2.6E-07
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	2.3E-07	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	-	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	9.0E-09	-
TOTAL	**6.30E-02**	**6.30E-02**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 24 hour

Receptor:
Commercial worker
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	1.01E-03
Cadmium	1.10E-03
Chromium(VI)	1.10E-03
Lead	Refer to blood lead model
Mercury (elemental)	1.01E-03
Nickel	1.10E-03
Selenium	1.02E-03
Vanadium	1.01E-03
2,3,7,8-Tetrachlorodibenzodioxin	8.18E-10

Exposure Parameters:		Adopted Exposure Parameters	Source
		Adult	Adult
General receptor parameters:	**Units**		
Body weight	kg	70	ASC NEPM 2013
Exposure duration	yr	30	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	30	ASC NEPM 2013
Incidental ingestion of soil			
Daily soil ingestion rate	mg/day	25	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	ASC NEPM 2013
Dermal contact with soil			
Exposed skin surface area for soil contact	cm^2	3800	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation			
Exposure time (indoor air)	hrs/day	8	ASC NEPM 2013
Exposure frequency (indoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013
Outdoor inhalation			
Exposure time (outdoor air)	hrs/day	1	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	3.70E+10	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.001009483	1.00E+00	1.00E-03	3.57E-07	3.61E-10	3.61E-07	-	-	-
Cadmium	0.001099424	1.00E+00	3.20E-04	3.57E-07	3.93E-10	1.23E-06	-	-	-
Chromium(VI)	0.001099424	1.00E+00	9.00E-04	3.57E-07	3.93E-10	4.36E-07	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.0010098	1.00E+00	3.60E-04	3.57E-07	3.61E-10	1.00E-06	-	-	-
Nickel	0.001099424	1.00E+00	4.80E-03	3.57E-07	3.93E-10	8.18E-08	-	-	-
Selenium	0.001020658	1.00E+00	2.40E-03	3.57E-07	3.65E-10	1.52E-07	-	-	-
Vanadium	0.001014822	1.00E+00	1.00E-02	3.57E-07	3.62E-10	3.62E-08	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	8.18072E-10	1.00E+00	9.89E-10	3.57E-07	2.92E-16	2.95E-07	-	-	-
TOTAL						**3.59E-06**			

AECOM

Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 24 hour Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.001009483	0.005	1.00E-03	1.36E-07	1.37E-10	1.37E-07	-	-	-
Cadmium	0.001099424	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.001099424	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.0010098	0.001	2.52E-05	2.71E-08	2.74E-11	1.09E-06	-	-	-
Nickel	0.001099424	0.005	4.80E-03	1.36E-07	1.49E-10	3.11E-08	-	-	-
Selenium	0.001020658	-	-	-	-	-	-	-	-
Vanadium	0.001014822	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	8.18072E-10	0.03	9.89E-10	8.14E-07	6.66E-16	6.74E-07	-	-	-
TOTAL						**1.93E-06**			

AECOM

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.001009483	7.69E-08	1.00E-03	9.62E-09	9.71E-12	9.71E-09	-	-	-
Cadmium	0.001099424	7.69E-08	4.00E-06	9.62E-09	1.06E-11	2.64E-06	-	-	-
Chromium(VI)	0.001099424	7.69E-08	1.00E-04	9.62E-09	1.06E-11	1.06E-07	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.0010098	7.69E-08	1.80E-04	9.62E-09	9.71E-12	5.39E-08	-	-	-
Nickel	0.001099424	7.69E-08	1.60E-05	9.62E-09	1.06E-11	6.61E-07	-	-	-
Selenium	0.001020658	7.69E-08	8.40E-03	9.62E-09	9.81E-12	1.17E-09	-	-	-
Vanadium	0.001014822	7.69E-08	1.00E-03	9.62E-09	9.76E-12	9.76E-09	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	8.18072E-10	7.69E-08	3.46E-06	9.62E-09	7.87E-18	2.27E-12	-	-	-
TOTAL						**3.48E-06**			

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 24 hour Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.001009483	2.70E-11	1.00E-03	4.22E-13	4.26E-16	4.26E-13	-	-	-
Cadmium	0.001099424	2.70E-11	4.00E-06	4.22E-13	4.64E-16	1.16E-10	-	-	-
Chromium(VI)	0.001099424	2.70E-11	1.00E-04	4.22E-13	4.64E-16	4.64E-12	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.0010098	2.70E-11	1.80E-04	4.22E-13	4.26E-16	2.37E-12	-	-	-
Nickel	0.001099424	2.70E-11	1.60E-05	4.22E-13	4.64E-16	2.90E-11	-	-	-
Selenium	0.001020658	2.70E-11	8.40E-03	4.22E-13	4.31E-16	5.13E-14	-	-	-
Vanadium	0.001014822	2.70E-11	1.00E-03	4.22E-13	4.29E-16	4.29E-13	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	8.18072E-10	2.70E-11	3.46E-06	4.22E-13	3.45E-22	9.98E-17	-	-	-
TOTAL						**1.53E-10**			

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	1.39E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	1.92E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	8.45E-09
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	5.14E-07
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	2.26E-11
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	1.67E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**4.17E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.28E-07**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**5.64E-12**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates
	Adult Exposure
AIR EXPOSURE PATHWAYS	
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	2.81E-01
SOIL EXPOSURE PATHWAYS	
Incidental Ingestion of Soil	3.6E-06
Dermal Contact with Soil	1.9E-06
Inhalation of Surface Soil-Derived Dust in Indoor Air	3.5E-06
Inhalation of Surface Soil-Derived Dust in Outdoor Air	1.5E-10
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-
ADULT LEAD MODEL	
Ingestion of Lead in Soil/Dust (Adult Lead Model)	4.2E-07
Inhalation of Lead in Dust Indoors (Adult Lead Model)	1.3E-07
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	5.6E-12
TOTAL	**2.81E-01**

4. Scenario 2, Risk Estimates Based on Grid Maximum (24 hour) Concentrations

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (24-hr annual average)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration Grid Maximum (24-hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	4.02E-03	1	0%	1	-	-	-	4.02E-03	4.02E-03	-	-	4.02E-03	4.02E-03
beryllium	4.00E-03	0.02	0%	0.02	2.40E-03	1.66E-03	3.98E-06	4.00E-03	2.00E-01	3.43E-04	8.23E-07	4.00E-03	2.00E-01
cadmium	4.38E-03	0.005	20%	0.004	-	-	-	4.38E-03	1.10E+00	-	-	4.38E-03	1.10E+00
chromium VI	4.38E-03	0.1	0%	0.1	-	-	-	4.38E-03	4.38E-02	-	-	4.38E-03	4.38E-02
cobalt	4.00E-03	0.1	0%	0.1	-	-	-	4.00E-03	4.00E-02	-	-	4.00E-03	4.00E-02
lead	5.54E-03	0.5	0%	0.5	-	-	-	5.54E-03	1.11E-02	-	-	5.54E-03	1.11E-02
mercury	4.02E-03	0.2	10%	0.18	-	-	-	4.02E-03	2.24E-02	-	-	4.02E-03	2.24E-02
nickel	4.38E-03	0.02	20%	0.016	-	-	-	4.38E-03	2.74E-01	-	-	4.38E-03	2.74E-01
selenium	4.07E-03	21	60%	8.4	-	-	-	4.07E-03	4.84E-04	-	-	4.07E-03	4.84E-04
vanadium	4.04E-03	1	0%	1	-	-	-	4.04E-03	4.04E-03	-	-	4.04E-03	4.04E-03
dioxins and furans	6.74E-10	0.00000805	57%	3.4615E-06	-	-	-	6.74E-10	1.95E-04	-	-	6.74E-10	1.95E-04
benzene	2.33E+00	30	20%	24	6.00E-06	9.65E-01	5.79E-06	2.33E+00	9.71E-02	2.00E-01	1.20E-06	2.33E+00	9.71E-02
						Total ILCR (Adult)	**9.77E-06**	**Hazard Index (∑HQ) (Adultl)**	**1.79E+00**	**Total ILCR (Child)**	**2.02E-06**	**Hazard Index (∑HQ) (Child)**	**1.79E+00**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (24-hr annual average)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration Grid Maximum (24-hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	4.02E-03	1	0%	1	-	-	-	3.35E-04	3.35E-04	-	-	3.35E-04	3.35E-04
beryllium	4.00E-03	0.02	0%	0.02	2.40E-03	1.38E-04	3.31E-07	3.33E-04	1.67E-02	2.86E-05	6.86E-08	3.33E-04	1.67E-02
cadmium	4.38E-03	0.005	20%	0.004	-	-	-	3.65E-04	9.13E-02	-	-	3.65E-04	9.13E-02
chromium VI	4.38E-03	0.1	0%	0.1	-	-	-	3.65E-04	3.65E-03	-	-	3.65E-04	3.65E-03
cobalt	4.00E-03	0.1	0%	0.1	-	-	-	3.34E-04	3.34E-03	-	-	3.34E-04	3.34E-03
lead	5.54E-03	0.5	0%	0.5	-	-	-	4.62E-04	9.23E-04	-	-	4.62E-04	9.23E-04
mercury	4.02E-03	0.2	10%	0.18	-	-	-	3.35E-04	1.86E-03	-	-	3.35E-04	1.86E-03
nickel	4.38E-03	0.02	20%	0.016	-	-	-	3.65E-04	2.28E-02	-	-	3.65E-04	2.28E-02
selenium	4.07E-03	21	60%	8.4	-	-	-	3.39E-04	4.04E-05	-	-	3.39E-04	4.04E-05
vanadium	4.04E-03	1	0%	1	-	-	-	3.37E-04	3.37E-04	-	-	3.37E-04	3.37E-04
dioxins and furans	6.74E-10	0.00000805	57%	3.4615E-06	-	-	-	5.62E-11	1.62E-05	-	-	5.62E-11	1.62E-05
benzene	2.33E+00	30	20%	24	6.00E-06	8.04E-02	4.83E-07	1.94E-01	8.09E-03	1.66E-02	9.98E-08	1.94E-01	8.09E-03
						Total ILCR (Adult)	**8.14E-07**	**Hazard Index (∑HQ) (Adultl)**	**1.49E-01**	**Total ILCR (Child)**	**1.68E-07**	**Hazard Index (∑HQ) (Child)**	**1.49E-01**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\left(\frac{\mu g}{m^3}\right) \times ET\left(\frac{h}{d}\right) \times EF\left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Ground Level Concentration Grid Maximum (24-hr annual average)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration Grid Maximum (24-hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	4.02E-03	1	0%	1	-	-	-	9.92E-04	9.92E-04
beryllium	4.00E-03	0.02	0%	0.02	2.40E-03	4.23E-04	1.01E-06	9.86E-04	4.93E-02
cadmium	4.38E-03	0.005	20%	0.004	-	-	-	1.08E-03	2.70E-01
chromium VI	4.38E-03	0.1	0%	0.1	-	-	-	1.08E-03	1.08E-02
cobalt	4.00E-03	0.1	0%	0.1	-	-	-	9.87E-04	9.87E-03
lead	5.54E-03	0.5	0%	0.5	-	-	-	1.37E-03	2.73E-03
mercury	4.02E-03	0.2	10%	0.18	-	-	-	9.92E-04	5.51E-03
nickel	4.38E-03	0.02	20%	0.016	-	-	-	1.08E-03	6.75E-02
selenium	4.07E-03	21	60%	8.4	-	-	-	1.00E-03	1.19E-04
vanadium	4.04E-03	1	0%	1	-	-	-	9.97E-04	9.97E-04
dioxins and furans	6.74E-10	0.00000805	57%	3.4615E-06	-	-	-	1.66E-10	4.80E-05
benzene	2.33E+00	30	20%	24	6.00E-06	2.46E-01	1.48E-06	5.74E-01	2.39E-02
						Total ILCR (Adult)	**2.49E-06**	**Hazard Index (∑HQ) (Adultl)**	**4.42E-01**

Potential Concentration in Soils Following Dust Deposition

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium

Concentration in Soils

$$C_s = \frac{DR \times (1-e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for each receptor.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/$T^{0.5}$	See below		Calculated using equation ln(2)/$T^{0.5}$.
$T^{0.5}$	Chemical half-life in soil (years)	100		years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment. NHMRC (2002) for dioxins and furans (surface soil).
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the thermal waste processing facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

Grid Maximum

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
arsenic	3.45E-03	0.01	100	4.95E-03	3.30E-04
cadmium	3.79E-03	0.01	100	5.43E-03	3.62E-04
chromium	3.79E-03	0.01	100	5.43E-03	3.62E-04
lead	4.87E-03	0.01	100	6.98E-03	4.66E-04
mercury	3.45E-03	0.01	100	4.96E-03	3.30E-04
nickel	3.79E-03	0.01	100	5.43E-03	3.62E-04
selenium	3.49E-03	0.01	100	5.01E-03	3.34E-04
vanadium	3.47E-03	0.01	100	4.98E-03	3.32E-04
dioxins and furans	2.47E-09	0.05	15	2.20E-09	1.47E-10

References:

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
Stevens. B, 1991. 2,3,7,8-tetrachlorobenzo-p-dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health. Presented in: Health Effects of Municipal Waste Incineration. Edited by
Howard et al., 1991. *Handbook of Environmental Degradation Rates.* Howard. P, Boethling. R, Jarvis. W, Meylan. W and Michalenko. E. Lewis Publishers, Chelsea, Michigan.
McKenzie et al., 2004. *Australian Soils and Landscapes: An Illustrated Compendium.* McKenzie. N, Jacquier. D, Isbell. R and Brown. K. CSIRO Publishing, Collingwood, Victoria.
NHMRC, 2002. *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians.* National Health and Medical Research Council. 24 October 2002.
Paustenbach et.al., 1992. Recent developments on the hazards posed by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in soil: Implications for setting risk-based cleanup levels at residential and industrial sites. Paustenbach

AECOM

General Information:

Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max

Receptor:
Residential (with soil access)

Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:

Enter "x" in box for potentially complete pathways

Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)
Groundwater Pathways	
	Ingestion of potable groundwater
	Inhalation of groundwater-derived vapours in indoor air
	Inhalation of groundwater-derived vapours in outdoor air
	Inhalation of groundwater vapours during irrigation/ showering
	Inhalation of vapour emissions from groundwater seepage in an excavation
	Inhalation of vapour emissions from groundwater seepage in a basement
	Incidental ingestion of groundwater seepage in an excavation
	Dermal contact with groundwater seepage in an excavation
	Incidental ingestion of groundwater during showering/bathing
	Dermal contact with groundwater during showering/bathing
	Incidental ingestion of groundwater during food preparation and cleanup
	Dermal contact with groundwater during food preparation and cleanup
	Incidental ingestion of groundwater during domestic laundry
	Dermal contact with groundwater during domestic laundry
	Dermal contact with groundwater residues after washing clothes
	Incidental ingestion of groundwater during household cleaning
	Dermal contact with groundwater during household cleaning
	Incidental ingestion of groundwater residues after washing floors
	Dermal contact with groundwater residues after washing floors
	Incidental ingestion of groundwater during sprinkler play
	Dermal contact with groundwater during sprinkler play
	Incidental ingestion of groundwater during washing of animals
	Dermal contact with groundwater during washing of animals
	Incidental ingestion of groundwater residues after washing animals
	Dermal contact with groundwater residues after washing companion animals
	Incidental ingestion of groundwater during washing of vehicles
	Dermal contact with groundwater during washing of vehicles
	Incidental ingestion of groundwater during irrigation
	Dermal contact with groundwater during irrigation
	Incidental ingestion of groundwater used in home swimming pools
	Dermal contact with groundwater used in home swimming pools
Soil Vapour Pathways	
	Inhalation of soil vapour-derived vapours in indoor air
	Inhalation of soil vapour-derived vapours in outdoor air
Sediment Pathways	
	Incidental ingestion of sediment
	Dermal contact with sediment
Surface Water Pathways	
	Incidental ingestion of surface water during fishing
	Dermal contact with surface water during fishing
	Incidental ingestion of surface water during boating
	Dermal contact with surface water during boating
	Incidental ingestion of surface water during swimming in creeks/rivers
	Dermal contact with surface water during swimming in creeks/rivers
Dietary Pathways	
x	Ingestion of breast milk by infants
x	Ingestion of home grown eggs
	Ingestion of fish
	Ingestion of shellfish
	Ingestion of beef
	Ingestion of lamb
	Ingestion of rabbit
	Ingestion of milk from livestock
x	Ingestion of home grown green vegetables
x	Ingestion of home grown fruit
N	Soil RBSLs saturation limited?
-	Groundwater RBSLs solubility limited?

Chemicals for Quantitative Assessment:	Exposure Point Concentrations						
	Soil Surface (mg/kg)	Soil Plant Root Zone (mg/kg)	Human Breast Milk (mg/L)	Egg (mg/kg)	Pasture Plant (mg/kg)	Fruit (mg/kg)	Green Vegetables (mg/kg)
Arsenic, Inorganic	4.95E-03	3.30E-04	modelled	modelled	modelled	modelled	modelled
Cadmium	5.43E-03	3.62E-04	modelled	modelled	modelled	modelled	modelled
Chromium(VI)	5.43E-03	3.62E-04	modelled	modelled	modelled	modelled	modelled
Lead	Refer to blood lead model	4.66E-04	modelled	modelled	modelled	modelled	modelled
Mercury (elemental)	4.96E-03	3.30E-04	modelled	modelled	modelled	modelled	modelled
Nickel	5.43E-03	3.62E-04	modelled	modelled	modelled	modelled	modelled
Selenium	5.01E-03	3.34E-04	modelled	modelled	modelled	modelled	modelled
Vanadium	4.98E-03	3.32E-04	modelled	modelled	modelled	modelled	modelled
2,3,7,8-Tetrachlorodibenzodioxin	2.20E-09	1.47E-10	modelled	modelled	modelled	modelled	modelled

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	50	100	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	20	20	enHealth (2012)	enHealth (2012)
Exposure frequency (indoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	1.30E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	4	4	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.90E+10	2.90E+10	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Ingestion of potable groundwater					
Potable water intake rate	L/day	-	-	-	-
Exposure frequency for potable water intake	days/yr	-	-	-	-
Ingestion of human breast milk by infants					
Exposure frequency	days/yr	-	365	-	enHealth (2012b) / ASC NEPM 2013
Exposure duration	years	-	1	-	enHealth (2012b) / ASC NEPM 2013
Infant body weight	kg	-	6	-	enHealth (2012b) / ASC NEPM 2013
Breast milk intake rate	L/day	-	0.85	-	enHealth (2012b)
Incidental ingestion and dermal contact with groundwater seepage in an excavation					
Exposure frequency for incidental water ingestion	days/yr	-	-	-	-
Exposure frequency for dermal water contact	days/yr	-	-	-	-
Exposure time for dermal water contact	hr/day	-	-	-	-
Event frequency for dermal water contact	events/day	-	-	-	-
Incidental ingestion rate	L/day	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Inhalation of groundwater vapours during irrigation/ showering					
Exposure frequency (shower/sprinkler)	days/yr	-	-	-	-
Exposure time (shower/sprinkler)	min/ day	-	-	-	-
Inhalation rate shower / sprinkler	m^3/hr	-	-	-	-
Inhalation absorption adjustment factor	mg/mg	-	-	-	-
Lung retention factor	unitless	-	-	-	-
Inhalation of vapour emissions from groundwater seepage in a basement					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/year	-	-	-	-
Incidental ingestion and dermal contact with groundwater during showering/bathing					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/event	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during food preparation and cleanup					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during domestic laundry					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Dermal contact with groundwater residues on fabric after washing clothes					
Exposure frequency	days/yr	-	-	-	-
Exposed skin surface for clothing contact	cm^2	-	-	-	-
Dermal absorption adjustment factor	unitless	-	-	-	-
Incidental ingestion and dermal contact with groundwater during household cleaning					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Ingestion of eggs					
Daily egg ingestion rate	g/day	78.0	44.3	ABS, 2014	ABS, 2014
Exposure frequency for egg ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily egg intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown fruit					
Daily plant ingestion rate	g/day	212.2	198.0	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown green vegetables					
Daily plant ingestion rate	g/day	296.8	345.9	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013

Calculation of Intake of Contaminants by Mother
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

	Chronic Daily Intake by Mother via		Chronic Daily	Chronic Daily Intake by Mother via Ingestion Pathways			
Chemical	Inhalation of Surface Soil-Derived Dust in Indoor Air	Inhalation of Surface Soil-Derived Dust in Outdoor Air	Dermal Contact with Soil	Incidental Ingestion of Soil	Ingestion of Eggs from Poultry	Investigation of Fruit and Vegetables	Cumulative Chronic Daily Intake by Mother
	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day
Arsenic, Inorganic	3.40E-11	3.05E-15	1.11E-09	3.54E-09	8.17E-12	3.22E-09	7.91E-09
Cadmium	3.73E-11	3.34E-15	-	3.88E-09	1.17E-11	9.92E-08	1.03E-07
Chromium(VI)	3.73E-11	3.34E-15	-	3.88E-09	8.56E-11	1.04E-07	1.08E-07
Lead	-	-	-	-	5.04E-12	7.10E-08	7.10E-08
Mercury (elemental)	3.40E-11	3.05E-15	2.23E-10	3.54E-09	1.42E-09	1.07E-08	1.59E-08
Nickel	-	-	1.22E-09	3.88E-09	3.45E-10	2.83E-08	3.37E-08
Selenium	3.44E-11	3.09E-15	-	3.58E-09	1.07E-10	2.17E-08	2.54E-08
Vanadium	-	-	-	3.56E-09	0.00E+00	1.56E-08	1.91E-08
2,3,7,8-Tetrachlorodibenzodioxin	1.51E-17	1.36E-21	2.98E-15	1.57E-15	9.52E-16	4.24E-14	4.79E-14

Calculation of Contaminants in Human Milk from Environmental Data
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Chronic Daily Intake by Mother	Half-life of Chemicals in Body ($t_{1/2}$)	Fraction of Ingested Chemical Stored in Fat	Fraction of Mothers Weight that is Fat	Concentration in Human Breast Milk (C_{BM})
	mg/kg/day	days	Unitless	Unitless	mg/L
Arsenic, Inorganic	7.91E-09	6.00E+01	9.00E-01	3.50E-01	1.76E-06
Cadmium	1.03E-07	1.28E+04	9.00E-01	3.50E-01	4.89E-03
Chromium(VI)	1.08E-07	8.34E+01	9.00E-01	3.50E-01	3.34E-05
Lead	7.10E-08	1.10E+04	9.00E-01	3.50E-01	2.89E-03
Mercury (elemental)	1.59E-08	3.65E+03	9.00E-01	3.50E-01	2.15E-04
Nickel	3.37E-08	1.63E+00	9.00E-01	3.50E-01	2.03E-07
Selenium	2.54E-08	3.40E+01	9.00E-01	3.50E-01	3.21E-06
Vanadium	1.91E-08	1.67E+00	9.00E-01	3.50E-01	1.18E-07
2,3,7,8-Tetrachlorodibenzodioxin	4.79E-14	2.56E+03	9.00E-01	3.50E-01	4.55E-10

Calculation of Concentration in Green Vegetables from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration (Cs)	Green Vegetable Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Green Vegetables
	mg/kg	mg/kg per mg/kg	g/s	unitless	s/m2/year	mg/kg	mg/kg
Arsenic, Inorganic	3.3E-04	0.00043	7.53E-06	6.00E-03	2.79E-03	1.91E-07	3.3E-07
Cadmium	3.6E-04	0.052	1.03E-04	9.00E-03	2.41E-03	2.24E-06	2.1E-05
Chromium(VI)	3.6E-04	0.0324	1.16E-04	9.00E-03	2.23E-03	2.33E-06	1.4E-05
Lead	4.7E-04	0	4.28E-04	7.00E-03	2.30E-03	8.94E-06	8.9E-06
Mercury (elemental)	3.3E-04	0.0069	8.73E-04	1.00E+00	2.09E-03	0.00E+00	2.3E-06
Nickel	3.6E-04	0.0043	1.36E-04	9.00E-03	1.84E-03	2.26E-06	3.8E-06
Selenium	3.3E-04	0.0108	1.87E-05	0.00E+00	2.47E-03	4.22E-07	4.0E-06
Vanadium	3.3E-04	0.0055	1.27E-05	0.00E+00	2.49E-03	2.88E-07	2.1E-06
2,3,7,8-Tetrachlorodibenzodioxin	1.5E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	5.22E-12	5.4E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Rp (unitless)	Interception fraction of the edible portion of plant	0.982	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.
kp (year^{-1})	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	5.66	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed vegetables.

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Calculation of Contaminant Concentrations in Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Exposure Parameter	Unit	Value	Source
Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (F_i)	Unitless	1	Professional judgement. Assumed 100% from contaminated soil.
Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (Qp_i)	kg DW plant/day	0.07	Hattemer-Frey & Travis (1991)
Quantity of soil eaten by the animal (chicken) (Qs)	kg/day	0.001	Hattemer-Frey & Travis (1991)
Laying Rate (LR)	eggs/day	0.7	Professional judgement. Based on a chicken laying 5 eggs per week (260 days per year).
Average weight of edible portion of egg (E_w)	kg	0.058	Assumed the average weight of an egg would be 65g, of which 90% was edible.

Chemical	Pasture Plant Concentration (Cf)*	Soil Concentration (Cs)	Oral Soil Bioavailability Factor	Transfer Factor into Eggs (TF)	Concentration in Eggs (A_{egg})
	mg/kg	mg/kg	(unitless)	Unitless	mg/kg
Arsenic, Inorganic	3.32772E-07	0.000330266	1.00E+00	8.42E-04	7.33E-09
Cadmium	2.1072E-05	0.000362147	1.00E+00	2.32E-04	1.05E-08
Chromium(VI)	1.40651E-05	0.000362147	1.00E+00	2.32E-03	7.68E-08
Lead	8.93954E-06	0.000465539	1.00E+00	1.68E-04	4.53E-09
Mercury (elemental)	2.27946E-06	0.000330357	1.00E+00	1.05E-01	1.27E-06
Nickel	3.81772E-06	0.000362147	1.00E+00	2.00E-02	3.10E-07
Selenium	4.03108E-06	0.000334217	1.00E+00	6.32E-03	9.59E-08
Vanadium	2.11535E-06	0.000332166	1.00E+00	0.00E+00	0.00E+00
2,3,7,8-Tetrachlorodibenzodioxin	5.35133E-12	1.46986E-10	1.00E+00	6.65E-02	8.55E-13

Notes:
* Estimated concentration in green vegetables as it was assumed that chickens may eat vegetable scraps.

Calculation of Concentration in Fruit from Environmental Concentrations
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration (Cs)	Fruit Plant Concentration Factor in Soil (CF_s)	CoPC Emission Rate (Q)	Fraction of CoPC in Vapour Phase (Fv)	Unitised Deposition Rate (Dydp)	Plant Concentration from Direct Deposition (Pd)	Estimated Concentration in Fruit
	mg/kg	mg/kg per mg/kg	g/s	unitless	s/m2/year	mg/kg	mg/kg
Arsenic, Inorganic	3.3E-04	0.0011	7.53E-06	6.00E-03	2.79E-03	2.33E-07	6.0E-07
Cadmium	3.6E-04	0.0014	1.03E-04	9.00E-03	2.41E-03	2.74E-06	3.2E-06
Chromium(VI)	3.6E-04	0.0324	1.16E-04	9.00E-03	2.23E-03	2.85E-06	1.5E-05
Lead	4.7E-04	0	4.28E-04	7.00E-03	2.30E-03	1.09E-05	1.1E-05
Mercury (elemental)	3.3E-04	0.001	8.73E-04	1.00E+00	2.09E-03	0.00E+00	3.3E-07
Nickel	3.6E-04	0.0034	1.36E-04	9.00E-03	1.84E-03	2.76E-06	4.0E-06
Selenium	3.3E-04	0.003	1.87E-05	0.00E+00	2.47E-03	5.15E-07	1.5E-06
Vanadium	3.3E-04	0.0055	1.27E-05	0.00E+00	2.49E-03	3.52E-07	2.2E-06
2,3,7,8-Tetrachlorodibenzodioxin	1.5E-10	0.000876	2.14E-10	6.64E-01	7.93E-03	6.38E-12	6.5E-12

Aboveground produce concentration due to root uptake

$$Pr = Cs \times CFs$$

Parameter	Description	Value	Assumptions
Cs (mg CoPC/kg soil)	Average soil concentration over exposure duration	CoPC specific, see above.	Calculated based on dust depositon rates.
CFs (unitless)	Plant-soil concentration factor for produce	CoPC specific, see above.	NEPM (2013) or RAIS.

Aboveground produce concentration due to direct deposition

$$Pd = \frac{1000 \times Q \times (1 - Fv) \times Dydp \times Rp \times [1 - exp(-kp \times Tp)]}{Yp \times kp}$$

Parameter	Description	Value	Assumptions
Pd (µg CoPC/g plant tissue DW)	CoPC concentration due to direct deposition in the *i* th plant group	Calculated, see above.	Calculated using modified Equation 5-13, US EPA (2005). Only dry deposition was considered in the HHRA.
Q (g/s)	CoPC emission rate	CoPC specific, see above.	Based on emisson inventory in AQIA, the maximum emission rate for each scenario were adopted.
Fv (unitless)	Fraction of CoPC in vapour phase	CoPC specific, see above.	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Dydp (s/m^2/year)	Unitised yearly average deposition from particle phase	CoPC specific, see above.	The unitised deposition data was calculated as follows: • The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only); • Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources.
Fw (unitless)	Fraction of wet deposition that adheres to plant.	0.6	Assumed total deposition could adhere to plants. Value recommended for cations and most organics.
Rp (unitless)	Interception fraction of the edible portion of plant	0.053	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.
kp ($year^{-1}$)	Plant surface loss coefficient	18	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Tp (year)	Length of plant exposure to deposition per harvest of the edible portion of the *i* th plant group	0.164	Recommended by HHRAP Chapter 5 (US EPA, 2005).
Yp (kg DW/m^2)	Yield or standing crop biomass of the edible portion of the plant (productivity)	0.25	Recommended by HHRAP Chapter 5 (US EPA, 2005). Unweighted value for exposed fruit.

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004953991	1.00E+00	1.00E-03	7.14E-07	3.54E-09	3.54E-06	6.67E-06	3.30E-08	3.30E-05
Cadmium	0.005432199	1.00E+00	3.20E-04	7.14E-07	3.88E-09	1.21E-05	6.67E-06	3.62E-08	1.13E-04
Chromium(VI)	0.005432199	1.00E+00	9.00E-04	7.14E-07	3.88E-09	4.31E-06	6.67E-06	3.62E-08	4.02E-05
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	1.00E+00	3.60E-04	7.14E-07	3.54E-09	9.83E-06	6.67E-06	3.30E-08	9.18E-05
Nickel	0.005432199	1.00E+00	4.80E-03	7.14E-07	3.88E-09	8.08E-07	6.67E-06	3.62E-08	7.54E-06
Selenium	0.005013258	1.00E+00	2.40E-03	7.14E-07	3.58E-09	1.49E-06	6.67E-06	3.34E-08	1.39E-05
Vanadium	0.004982494	1.00E+00	1.00E-02	7.14E-07	3.56E-09	3.56E-07	6.67E-06	3.32E-08	3.32E-06
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	1.00E+00	9.89E-10	7.14E-07	1.57E-15	1.59E-06	6.67E-06	1.47E-14	1.49E-05
TOTAL						**3.41E-05**			**3.18E-04**

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Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004953991	0.005	1.00E-03	2.25E-07	1.11E-09	1.11E-06	4.50E-07	2.23E-09	2.23E-06
Cadmium	0.005432199	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.005432199	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	0.001	2.52E-05	4.50E-08	2.23E-10	8.85E-06	9.00E-08	4.46E-10	1.77E-05
Nickel	0.005432199	0.005	4.80E-03	2.25E-07	1.22E-09	2.55E-07	4.50E-07	2.44E-09	5.09E-07
Selenium	0.005013258	-	-	-	-	-	-	-	-
Vanadium	0.004982494	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	2.2048E-09	0.03	9.89E-10	1.35E-06	2.98E-15	3.01E-06	2.70E-06	5.95E-15	6.02E-06
TOTAL						**1.32E-05**			**2.65E-05**

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Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.004953991	7.69E-08	1.00E-03	2.40E-08	1.19E-10	1.19E-07	2.40E-08	1.19E-10	1.19E-07
Cadmium	0.005432199	7.69E-08	4.00E-06	2.40E-08	1.31E-10	3.26E-05	2.40E-08	1.31E-10	3.26E-05
Chromium(VI)	0.005432199	7.69E-08	1.00E-04	2.40E-08	1.31E-10	1.31E-06	2.40E-08	1.31E-10	1.31E-06
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	7.69E-08	1.80E-04	2.40E-08	1.19E-10	6.62E-07	2.40E-08	1.19E-10	6.62E-07
Nickel	0.005432199	7.69E-08	1.60E-05	2.40E-08	1.31E-10	8.16E-06	2.40E-08	1.31E-10	8.16E-06
Selenium	0.005013258	7.69E-08	8.40E-03	2.40E-08	1.21E-10	1.43E-08	2.40E-08	1.21E-10	1.43E-08
Vanadium	0.004982494	7.69E-08	1.00E-03	2.40E-08	1.20E-10	1.20E-07	2.40E-08	1.20E-10	1.20E-07
2,3,7,8-Tetrachlorodibenzod	2.2048E-09	7.69E-08	3.46E-06	2.40E-08	5.30E-17	1.53E-11	2.40E-08	5.30E-17	1.53E-11
TOTAL						**4.30E-05**			**4.30E-05**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.004953991	3.45E-11	1.00E-03	2.16E-12	1.07E-14	1.07E-11	2.16E-12	1.07E-14	1.07E-11
Cadmium	0.005432199	3.45E-11	4.00E-06	2.16E-12	1.17E-14	2.93E-09	2.16E-12	1.17E-14	2.93E-09
Chromium(VI)	0.005432199	3.45E-11	1.00E-04	2.16E-12	1.17E-14	1.17E-10	2.16E-12	1.17E-14	1.17E-10
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	3.45E-11	1.80E-04	2.16E-12	1.07E-14	5.93E-11	2.16E-12	1.07E-14	5.93E-11
Nickel	0.005432199	3.45E-11	1.60E-05	2.16E-12	1.17E-14	7.32E-10	2.16E-12	1.17E-14	7.32E-10
Selenium	0.005013258	3.45E-11	8.40E-03	2.16E-12	1.08E-14	1.29E-12	2.16E-12	1.08E-14	1.29E-12
Vanadium	0.004982494	3.45E-11	1.00E-03	2.16E-12	1.07E-14	1.07E-11	2.16E-12	1.07E-14	1.07E-11
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	3.45E-11	3.46E-06	2.16E-12	4.75E-21	1.37E-15	2.16E-12	4.75E-21	1.37E-15
TOTAL						**3.86E-09**			**3.86E-09**

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	6.98E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	4.81E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	4.31E-08
IR_S	Soil ingestion rate (receptor specific)	g/day	0.050
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	6.45E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	5.78E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	1.68E-05
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.177%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**4.19E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.61E-06**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.44E-10**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

AECOM

Health Risk Calculations - Ingestion of Breast Milk
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Concentration in Human Breast Milk (C_{BM})	Threshold Intake and Risk Calculations			
		Oral RfD (Background Corrected)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/L)	(mg/kg/day)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	1.76E-06	1.00E-03	1.42E-01	2.50E-07	2.50E-04
Cadmium	4.89E-03	3.20E-04	1.42E-01	6.92E-04	2.16E+00
Chromium(VI)	3.34E-05	9.00E-04	1.42E-01	4.73E-06	5.25E-03
Lead	2.89E-03	3.50E-03	1.42E-01	4.09E-04	1.17E-01
Mercury (elemental)	2.15E-04	3.60E-04	1.42E-01	3.05E-05	8.46E-02
Nickel	2.03E-07	4.80E-03	1.42E-01	2.88E-08	6.00E-06
Selenium	3.21E-06	2.40E-03	1.42E-01	4.54E-07	1.89E-04
Vanadium	1.18E-07	1.00E-02	1.42E-01	1.68E-08	1.68E-06
2,3,7,8-Tetrachlorodibenzodi	4.55E-10	9.89E-10	1.42E-01	6.44E-11	6.51E-02
TOTAL					**2.44E+00**

Health Risk Calculations - Ingestion of Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Egg Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	7.33337E-09	1.00E-03	1.11E-03	8.17E-12	8.17E-09	2.95E-03	2.17E-11	2.17E-08
Cadmium	1.04792E-08	3.20E-04	1.11E-03	1.17E-11	3.65E-08	2.95E-03	3.09E-11	9.67E-08
Chromium(VI)	7.68149E-08	9.00E-04	1.11E-03	8.56E-11	9.51E-08	2.95E-03	2.27E-10	2.52E-07
Lead	4.52707E-09	3.50E-03	1.11E-03	5.04E-12	1.44E-09	2.95E-03	1.34E-11	3.82E-09
Mercury (elemental)	1.27021E-06	3.60E-04	1.11E-03	1.42E-09	3.93E-06	2.95E-03	3.75E-09	1.04E-05
Nickel	3.10043E-07	4.80E-03	1.11E-03	3.45E-10	7.20E-08	2.95E-03	9.16E-10	1.91E-07
Selenium	9.58869E-08	2.40E-03	1.11E-03	1.07E-10	4.45E-08	2.95E-03	2.83E-10	1.18E-07
Vanadium		1.00E-02	1.11E-03			2.95E-03		
2,3,7,8-Tetrachlorodibenzodioxin	8.5465E-13	9.89E-10	1.11E-03	9.52E-16	9.63E-07	2.95E-03	2.52E-15	2.55E-06
TOTAL					**5.15E-06**			**1.37E-05**

AECOM

Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	5.96382E-07	1.00E-03	3.03E-03	1.81E-09	1.81E-06	1.32E-02	7.87E-09	7.87E-06
Cadmium	3.24461E-06	3.20E-04	3.03E-03	9.84E-09	3.07E-05	1.32E-02	4.28E-08	1.34E-04
Chromium(VI)	1.45825E-05	9.00E-04	3.03E-03	4.42E-08	4.91E-05	1.32E-02	1.92E-07	2.14E-04
Lead	1.09234E-05	3.50E-03	3.03E-03	3.31E-08	9.46E-06	1.32E-02	1.44E-07	4.12E-05
Mercury (elemental)	3.30357E-07	3.60E-04	3.03E-03	1.00E-09	2.78E-06	1.32E-02	4.36E-09	1.21E-05
Nickel	3.99342E-06	4.80E-03	3.03E-03	1.21E-08	2.52E-06	1.32E-02	5.27E-08	1.10E-05
Selenium	1.51773E-06	2.40E-03	3.03E-03	4.60E-09	1.92E-06	1.32E-02	2.00E-08	8.35E-06
Vanadium	2.17936E-06	1.00E-02	3.03E-03	6.61E-09	6.61E-07	1.32E-02	2.88E-08	2.88E-06
2,3,7,8-Tetrachlorodibenzodi	6.5103E-12	9.89E-10	3.03E-03	1.97E-14	2.00E-05	1.32E-02	8.59E-14	8.69E-05
TOTAL					**1.19E-04**			**5.18E-04**

AECOM

Health Risk Calculations - Ingestion of Fruit and Vegetables
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Fruit and Vegetable Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(L/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	3.32772E-07	1.00E-03	4.24E-03	1.41E-09	1.41E-06	2.31E-02	7.67E-09	7.67E-06
Cadmium	2.1072E-05	3.20E-04	4.24E-03	8.93E-08	2.79E-04	2.31E-02	4.86E-07	1.52E-03
Chromium(VI)	1.40651E-05	9.00E-04	4.24E-03	5.96E-08	6.63E-05	2.31E-02	3.24E-07	3.60E-04
Lead	8.93954E-06	3.50E-03	4.24E-03	3.79E-08	1.08E-05	2.31E-02	2.06E-07	5.89E-05
Mercury (elemental)	2.27946E-06	3.60E-04	4.24E-03	9.66E-09	2.68E-05	2.31E-02	5.26E-08	1.46E-04
Nickel	3.81772E-06	4.80E-03	4.24E-03	1.62E-08	3.37E-06	2.31E-02	8.80E-08	1.83E-05
Selenium	4.03108E-06	2.40E-03	4.24E-03	1.71E-08	7.12E-06	2.31E-02	9.30E-08	3.87E-05
Vanadium	2.11535E-06	1.00E-02	4.24E-03	8.97E-09	8.97E-07	2.31E-02	4.88E-08	4.88E-06
2,3,7,8-Tetrachlorodibenzodi	5.35133E-12	9.89E-10	4.24E-03	2.27E-14	2.29E-05	2.31E-02	1.23E-13	1.25E-04
TOTAL					**4.19E-04**			**2.28E-03**

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	1.79E+00	1.79E+00
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	3.4E-05	3.2E-04
Dermal Contact with Soil	1.3E-05	2.6E-05
Inhalation of Surface Soil-Derived Dust in Indoor Air	4.3E-05	4.3E-05
Inhalation of Surface Soil-Derived Dust in Outdoor Air	3.9E-09	3.9E-09
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	4.2E-06	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	1.6E-06	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	1.4E-10	-
DIETARY EXPOSURE PATHWAYS		
Ingestion of Fish from the Site	-	-
Ingestion of breast milk by infants	-	2.4E+00
Ingestion of home grown beef	-	-
Ingestion of home grown livestock milk	-	-
Ingestion of home grown eggs	5.2E-06	1.4E-05
Ingestion of home grown fruit	1.2E-04	5.2E-04
Ingestion of home grown green vegetables	4.2E-04	2.3E-03
Ingestion of home grown lamb	-	-
Ingestion of rabbit meat	-	-
Ingestion of shellfish	-	-
TOTAL	**1.8E+00**	**4.2E+00**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 Grid Max

Receptor:
Recreational
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	4.95E-03
Cadmium	5.43E-03
Chromium(VI)	5.43E-03
Lead	Refer to blood lead model
Mercury (elemental)	4.96E-03
Nickel	5.43E-03
Selenium	5.01E-03
Vanadium	4.98E-03
2,3,7,8-Tetrachlorodibenzodioxin	2.20E-09

Exposure Parameters:	Units	Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:					
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	25	50	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/yr	-	-	-	-
Particulate emission factor (indoor air)	m^3/kg	-	-	-	-
Lung Retention Factor (dust inhalation)	unitless	-	-	-	-
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	2	2	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.60E+07	2.60E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004953991	1.00E+00	1.00E-03	3.57E-07	1.77E-09	1.77E-06	3.33E-06	1.65E-08	1.65E-05
Cadmium	0.005432199	1.00E+00	3.20E-04	3.57E-07	1.94E-09	6.06E-06	3.33E-06	1.81E-08	5.66E-05
Chromium(VI)	0.005432199	1.00E+00	9.00E-04	3.57E-07	1.94E-09	2.16E-06	3.33E-06	1.81E-08	2.01E-05
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	1.00E+00	3.60E-04	3.57E-07	1.77E-09	4.92E-06	3.33E-06	1.65E-08	4.59E-05
Nickel	0.005432199	1.00E+00	4.80E-03	3.57E-07	1.94E-09	4.04E-07	3.33E-06	1.81E-08	3.77E-06
Selenium	0.005013258	1.00E+00	2.40E-03	3.57E-07	1.79E-09	7.46E-07	3.33E-06	1.67E-08	6.96E-06
Vanadium	0.004982494	1.00E+00	1.00E-02	3.57E-07	1.78E-09	1.78E-07	3.33E-06	1.66E-08	1.66E-06
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	1.00E+00	9.89E-10	3.57E-07	7.87E-16	7.96E-07	3.33E-06	7.35E-15	7.43E-06
TOTAL						**1.70E-05**			**1.59E-04**

AECOM

Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004953991	0.005	1.00E-03	2.25E-07	1.11E-09	1.11E-06	4.50E-07	2.23E-09	2.23E-06
Cadmium	0.005432199	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.005432199	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	0.001	2.52E-05	4.50E-08	2.23E-10	8.85E-06	9.00E-08	4.46E-10	1.77E-05
Nickel	0.005432199	0.005	4.80E-03	2.25E-07	1.22E-09	2.55E-07	4.50E-07	2.44E-09	5.09E-07
Selenium	0.005013258	-	-	-	-	-	-	-	-
Vanadium	0.004982494	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxi	2.2048E-09	0.03	9.89E-10	1.35E-06	2.98E-15	3.01E-06	2.70E-06	5.95E-15	6.02E-06
TOTAL						**1.32E-05**			**2.65E-05**

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.004953991	3.85E-08	1.00E-03	1.20E-09	5.95E-12	5.95E-09	1.20E-09	5.95E-12	5.95E-09
Cadmium	0.005432199	3.85E-08	4.00E-06	1.20E-09	6.53E-12	1.63E-06	1.20E-09	6.53E-12	1.63E-06
Chromium(VI)	0.005432199	3.85E-08	1.00E-04	1.20E-09	6.53E-12	6.53E-08	1.20E-09	6.53E-12	6.53E-08
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	3.85E-08	1.80E-04	1.20E-09	5.96E-12	3.31E-08	1.20E-09	5.96E-12	3.31E-08
Nickel	0.005432199	3.85E-08	1.60E-05	1.20E-09	6.53E-12	4.08E-07	1.20E-09	6.53E-12	4.08E-07
Selenium	0.005013258	3.85E-08	8.40E-03	1.20E-09	6.03E-12	7.17E-10	1.20E-09	6.03E-12	7.17E-10
Vanadium	0.004982494	3.85E-08	1.00E-03	1.20E-09	5.99E-12	5.99E-09	1.20E-09	5.99E-12	5.99E-09
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	3.85E-08	3.46E-06	1.20E-09	2.65E-18	7.66E-13	1.20E-09	2.65E-18	7.66E-13
TOTAL						**2.15E-06**			**2.15E-06**

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	6.98E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	-
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	2.40E-05
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	-
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	3.22E-07
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	8.38E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.09E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**-**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**8.06E-08**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 2 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	1.49E-01	1.49E-01
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	1.7E-05	1.6E-04
Dermal Contact with Soil	1.3E-05	2.6E-05
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	2.2E-06	2.2E-06
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	2.1E-06	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	-	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	8.1E-08	-
TOTAL	**1.49E-01**	**1.50E-01**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 Grid Max

Receptor:
Commercial worker
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Arsenic, Inorganic	4.95E-03
Cadmium	5.43E-03
Chromium(VI)	5.43E-03
Lead	Refer to blood lead model
Mercury (elemental)	4.96E-03
Nickel	5.43E-03
Selenium	5.01E-03
Vanadium	4.98E-03
2,3,7,8-Tetrachlorodibenzodioxin	2.20E-09

Exposure Parameters:		Adopted Exposure Parameters	Source
		Adult	Adult
General receptor parameters:	**Units**		
Body weight	kg	70	ASC NEPM 2013
Exposure duration	yr	30	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	30	ASC NEPM 2013
Incidental ingestion of soil			
Daily soil ingestion rate	mg/day	25	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	ASC NEPM 2013
Dermal contact with soil			
Exposed skin surface area for soil contact	cm^2	3800	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation			
Exposure time (indoor air)	hrs/day	8	ASC NEPM 2013
Exposure frequency (indoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013
Outdoor inhalation			
Exposure time (outdoor air)	hrs/day	1	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	3.70E+10	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013

Health Risk Calculations - Incidental Soil Ingestion

Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations						
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004953991	1.00E+00	1.00E-03	3.57E-07	1.77E-09	1.77E-06	-	-	-
Cadmium	0.005432199	1.00E+00	3.20E-04	3.57E-07	1.94E-09	6.06E-06	-	-	-
Chromium(VI)	0.005432199	1.00E+00	9.00E-04	3.57E-07	1.94E-09	2.16E-06	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	1.00E+00	3.60E-04	3.57E-07	1.77E-09	4.92E-06	-	-	-
Nickel	0.005432199	1.00E+00	4.80E-03	3.57E-07	1.94E-09	4.04E-07	-	-	-
Selenium	0.005013258	1.00E+00	2.40E-03	3.57E-07	1.79E-09	7.46E-07	-	-	-
Vanadium	0.004982494	1.00E+00	1.00E-02	3.57E-07	1.78E-09	1.78E-07	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	1.00E+00	9.89E-10	3.57E-07	7.87E-16	7.96E-07	-	-	-
TOTAL						**1.70E-05**			

Health Risk Calculations - Dermal Contact with Soil
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations						
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	0.004953991	0.005	1.00E-03	1.36E-07	6.72E-10	6.72E-07	-	-	-
Cadmium	0.005432199	-	3.20E-04	-	-	-	-	-	-
Chromium(VI)	0.005432199	-	2.25E-05	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	0.001	2.52E-05	2.71E-08	1.35E-10	5.34E-06	-	-	-
Nickel	0.005432199	0.005	4.80E-03	1.36E-07	7.37E-10	1.54E-07	-	-	-
Selenium	0.005013258	-	-	-	-	-	-	-	-
Vanadium	0.004982494	-	2.60E-04	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	0.03	9.89E-10	8.14E-07	1.80E-15	1.82E-06	-	-	-
TOTAL						**7.98E-06**			

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Indoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Indoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.004953991	7.69E-08	1.00E-03	9.62E-09	4.76E-11	4.76E-08	-	-	-
Cadmium	0.005432199	7.69E-08	4.00E-06	9.62E-09	5.22E-11	1.31E-05	-	-	-
Chromium(VI)	0.005432199	7.69E-08	1.00E-04	9.62E-09	5.22E-11	5.22E-07	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	7.69E-08	1.80E-04	9.62E-09	4.76E-11	2.65E-07	-	-	-
Nickel	0.005432199	7.69E-08	1.60E-05	9.62E-09	5.22E-11	3.26E-06	-	-	-
Selenium	0.005013258	7.69E-08	8.40E-03	9.62E-09	4.82E-11	5.74E-09	-	-	-
Vanadium	0.004982494	7.69E-08	1.00E-03	9.62E-09	4.79E-11	4.79E-08	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	7.69E-08	3.46E-06	9.62E-09	2.12E-17	6.12E-12	-	-	-
TOTAL						**1.72E-05**			

Health Risk Calculations - Inhalation of Soil-Derived Dust (Particulates) in Outdoor Air
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 Grid Max Scenario

Chemical	Soil Conc	Particulate Concentration in Outdoor Air (From Surface Soil)	Threshold Intake and Risk Calculations						
			Inhalation RfC (Background Corrected)	Adult Exposure Factor (threshold)	Adult Exposure Adjusted Air Concentration (threshold)	Hazard Index (Adult)	Child Exposure Factor (threshold)	Child Exposure Adjusted Air Concentration (threshold)	Hazard Index (Child)
	(mg/kg)	(m3/kg)	(mg/m3)	(kg/m3)	(mg/m3)	(unitless)	(kg/m3)	(mg/m3)	(unitless)
Arsenic, Inorganic	0.004953991	2.70E-11	1.00E-03	4.22E-13	2.09E-15	2.09E-12	-	-	-
Cadmium	0.005432199	2.70E-11	4.00E-06	4.22E-13	2.29E-15	5.74E-10	-	-	-
Chromium(VI)	0.005432199	2.70E-11	1.00E-04	4.22E-13	2.29E-15	2.29E-11	-	-	-
Lead	-	-	-	-	-	-	-	-	-
Mercury (elemental)	0.004955349	2.70E-11	1.80E-04	4.22E-13	2.09E-15	1.16E-11	-	-	-
Nickel	0.005432199	2.70E-11	1.60E-05	4.22E-13	2.29E-15	1.43E-10	-	-	-
Selenium	0.005013258	2.70E-11	8.40E-03	4.22E-13	2.12E-15	2.52E-13	-	-	-
Vanadium	0.004982494	2.70E-11	1.00E-03	4.22E-13	2.10E-15	2.10E-12	-	-	-
2,3,7,8-Tetrachlorodibenzodioxin	2.2048E-09	2.70E-11	3.46E-06	4.22E-13	9.31E-22	2.69E-16	-	-	-
TOTAL						**7.56E-10**			

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	6.98E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	1.92E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	8.45E-09
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	2.58E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	1.13E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	8.38E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.09E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**6.45E-07**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.83E-11**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 2 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates
	Adult Exposure
AIR EXPOSURE PATHWAYS	
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	4.42E-01
SOIL EXPOSURE PATHWAYS	
Incidental Ingestion of Soil	1.7E-05
Dermal Contact with Soil	8.0E-06
Inhalation of Surface Soil-Derived Dust in Indoor Air	1.7E-05
Inhalation of Surface Soil-Derived Dust in Outdoor Air	7.6E-10
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-
ADULT LEAD MODEL	
Ingestion of Lead in Soil/Dust (Adult Lead Model)	2.1E-06
Inhalation of Lead in Dust Indoors (Adult Lead Model)	6.4E-07
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	2.8E-11
TOTAL	**4.42E-01**

Appendix G

Equations

Appendix G Equations

Risk Assessment Equations

1.1 Estimate of Concentration in Media

1.1.1 Estimate Concentration in Soil

Concentration in Soil following Dust Deposition (Stevens, 1991)

$$C_s = \frac{DR * (1 - e^{-k*t})}{d * p * k} * 1000$$

Where:

C_s = Concentration of CoPC in soil (mg/kg)

DR = Particle deposition rate for accidental release (mg/m^2/year)

K = Chemical-specific soil-loss constant (1/year) = $In(2)/T^{0.5}$

T0.5 = Chemical half-life in soil (years)

T = Accumulation time (years)

D = Soil mixing depth (m)

P = Soil bulk-density (g/m^3)

1000 = Conversion from g to kg

1.1.2 Estimate Concentration in Home-grown Produce

Plant Uptake Factors

Plants can accumulate contaminants via a number of pathways, the most important of which is typically absorption from the soil solution by roots where, depending on the nature of the contaminant, translocation to other portions of the plant may occur (ASC NEPM 2013).

Reviews of plant uptake models previously conducted by MfE (2011) and EA (2009) identified a range of both simple and complex models are available, however a number of limitations were identified including the limited range of compounds tested (namely polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs) and dioxins) and problems with study data (in reporting dry or fresh weight and whether data was from roots, shoots, fruits or tubers). Overall, the EA (2009) review concluded that the model performance was highly variable and all but one model over-predicted root uptake by at least an order of magnitude. On this basis, MfE (2011) recommended to adopt concentration factors (CFs) based on available published data, and only utilise models when measured values are not available. This approach was adopted in the ASC NEPM 2013 and has therefore been adopted for this assessment.

Before undertaking these calculations it should be ensured that the data sourced from literature are consistently expressed as either mg/kg fresh weight or mg/kg dry weight for the relevant media.

Plant Uptake from Soil

The following equation has been adopted to estimate uptake of PFAS by plants from soil.

$$C_p = C_s * CF_s$$

Where:

C_p = Concentration in plant tissue (mg/kg) – edible portion

C_s = concentration in soil (mg/kg)

CF_s = Plant concentration factor (mg-chem/kg-plant per mg-chem/kg-soil) – based on studies relevant to the edible portion of the plant (e.g. root, tuber, fruit, leaf, stem)

Plant Uptake from Deposited Dust

The following equation has been adopted to estimate uptake of PFAS by plants from deposited dust (modified equation 5-13 from US EPA, 2005).

$$Pd = \frac{1000 \text{ } ´ Q ´ (1\text{-}Fv) ´ Dydp ´ Rp ´ (1\text{-}\exp(\text{-}kp ´ Tp))}{Yp ´ kp}$$

Where:

Pd = CoPC concentration due to direct deposition in the ith plant group (µg CoPC/g plant tissue DW)

Q = CoPC emission rate (g/s)

Fv = Fraction of CoPC in vapour phase (unitless)

Dydp = Unitised yearly average deposition from particle phase (s/m^2/year)

Rp = Interception fraction of the edible portion of plant (unitless)

Kp = Plant surface loss coefficient ($year^{-1}$)

Tp = Length of plant exposure to deposition per harvest of the edible portion of the ith plant group (year)

Yp = Yield or standing crop biomass of the edible portion of the plant (productivity) (kg DW/m^2)

Equation 5-13 (US EPA, 2005) has been modified above to exclude wet deposition. Given dust emissions from the Site are expected to be low and that the area does not receive high amounts of rainfall, the consideration of only dry deposition is appropriate for the purposes of this assessment. This is further discussed in Section 4.3.1 of the HHRA.

The unitised deposition data was calculated as follows:

- The maximum emission rate for each pollutant species was determined for the seven stacks emitting pollutants (emission rate for each species determined and used for the calculation with the corresponding species deposition rate e.g. TSP emission rate was used in the calculations for TSP deposition only);
- Deposition rate for each species (g/m2.year) was divided by the maximum stack emission rate across the seven stack sources. The adopted maximum stack emission rates (based on consideration of all modelled scenarios) are provided in Appendix B of the HHRA, while the deposition rate per receptor for each species can be provided on request.

1.1.3 Estimate Concentration in Home-grown Eggs (adopted from US EPA, 2005)

$$A_{egg} = \left(\frac{\left[\sum (Fi * Qpi * Pi) + (Qs * Cs * Bs) + (Qw * Cw)\right] * (TF)}{LR * E_w}\right)$$

Where:

A_{egg} = Concentration of COPC in eggs (mg COPC/kg FW tissue)

Fi = Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (unitless). It is assumed that the grain provided to the chicken is from a commercial source.

Qpi = Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (kg DW plant/day)

Pi = Concentration of CoPC in plant type (i) (grain) eaten by the animal (chicken) (mg/kg DW)

Qs = Quantity of soil eaten by the animal (chicken) (kg/day)

Cw = Average concentration in water during exposure duration (mg/L)

Qw = Quantity of water (L)

Cs = Average soil concentration over exposure duration (mg CoPC/kg soil)

Bs = Soil bioavailability factor (unitless)

TF = Transfer factor into eggs constant (based on study by Kowalczyk 2014) chemical specific

LR = Laying Rate - Average number of eggs laid per day (based on 365 days a year and assumption that a chicken lays an egg on average 5 times a week (260 days a year))

Ew = Average weight of edible portion of egg (kg)

1.1.4 Estimate Concentration in Breast Milk (US EPA, 2005)

$$C_{milkfat} = \frac{m * h * f_1}{0.693 * f_2}$$

Where:

$C_{milk\ fat}$ = Concentration of CoPC in milk fat (mg/kg)

m = Average maternal intake (mg/kg/day)

h = Half-life of chemical in body, adults (days)

f_1 = Fraction of ingested chemical stored in fat (unitless)

f_2 = Fraction of mothers weight that is fat (unitless)

1.2 Estimate of Exposure

1.2.1 Incidental Ingestion of Soil

$$CDI_{ing,s} = \frac{C_s * IngR_s * EF * ED * CF}{365 \frac{days}{year} * AT * BW}$$

Where:

$CDI_{ing,s}$ = Chronic Daily Intake for Soil Ingestion (mg/kg/day)

C_s = Chemical Concentration in Soil (mg/kg)

$IngR_s$ = Soil Ingestion Rate (mg/day)

EF = Exposure Frequency (days/year)

ED = Exposure Duration (years)

CF = Unit conversion factor (kg/10^6 mg)

AT = Averaging Time (years)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

BW = Body weight (kg)

1.2.2 Dermal Contact with Soil

$$CDI_{der,s} = \frac{C_s * AH * SA * AF * EF * ED * CF}{365\frac{days}{year} * AT * BW}$$

Where:

$CDI_{der,s}$ = Chronic Daily Intake for Dermal Contact with Soil (mg/kg/day)

AH = Soil Adherence Factor ($mg/cm^2/day$)

SA = Skin Surface Avalable for Contact (cm^2)

AF = Dermal Absorption Factor (chemical-specific; unitless)

and other factors are as defined earlier.

1.2.3 Inhalation of Particulates or Vapours

The following equation has been adopted to estimate intakes associated with inhalation of chemicals in air (particulates or vapours). Inhalation exposures have been estimated using the revised methodology recently published by the USEPA (USEPA, 2009), which recommends adjustment of the measured or estimated contaminant concentration in air to account for site-specific exposure considerations, rather than estimation of a chronic daily intake of contaminant via the inhalation pathway.

For particulates, it is assumed that all particulates inhaled are small enough to penetrate deep into the lungs (i.e., are inspirable), and that the particulate air EPCs have been estimated as inspirable (PM_{10}) dust concentrations.

$$EC_{inh} = \frac{C_a * ET * EF * ED}{AT * 365\frac{days}{year} * 24\frac{hours}{day}}$$

Where:

EC_{inh} = Exposure Adjusted Air Concentration (mg/m^3)

C_a = Chemical Concentration in Air (mg/m^3)

ET = Exposure Time (hours/day)

and other factors are as defined earlier.

1.2.4 Fruit and Vegetable Ingestion

The algorithms used to evaluate ingestion intakes are generally of the form below. These include algorithms published for a range of ingestion pathways including eating poultry, eggs, meat or fish (US EPA, 1989).

$$CDI_{ing,i} = \frac{C_p * IngR_i * FI * EF * ED * CF}{365\frac{days}{year} * AT * BW}$$

Where:

$CDI_{ing,i}$ = Chronic Daily Intake of plant i (mg/kg/day)

Cp = Concentration in plant tissue (mg/kg) – edible portion (refer to equations above in Estimate Concentration in Home-grown Produce)

IngRi = Ingestion Rate for plant i (mg/day)

EF = Exposure Frequency (days/year)

ED = Exposure Duration (years)

FI = Fraction ingested from contaminated source (unitless)

CF = Unit conversion factor (kg/106 mg)

AT = Averaging Time (years)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

BW = Body weight (kg)

1.2.5 Egg Ingestion

The algorithms used to evaluate ingestion intakes are generally of the form below. These include algorithms published for a range of ingestion pathways including eating poultry, eggs, meat or fish (US EPA, 1989).

$$CDI_{ing,i} = \frac{C_{egg} * IngR_i * FI * EF * ED * CF}{365\frac{days}{year} * AT * BW}$$

Where:

$CDI_{ing,i}$ = Chronic Daily Intake of egg *i* (mg/kg/day)

C_{egg} = Concentration of COPC in eggs (mg COPC/kg FW tissue) (refer to equations above in Estimate Concentration in Eggs)

$IngR_i$ = Ingestion Rate for egg *i* (mg/day)

EF = Exposure Frequency (days/year)

ED = Exposure Duration (years)

FI = Fraction ingested from contaminated source (unitless)

CF = Unit conversion factor (kg/10^6 mg)

AT = Averaging Time (years)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

BW = Body weight (kg)

1.2.6 Breastmilk Ingestion by Infants

$$CDI_{ing,bm} = \frac{C_{bm} * IngR_{bm} * EF * ED}{365 \frac{days}{year} * AT * BW}$$

Where:

$CDI_{ing,bm}$ = Chronic Daily Intake of breast milk (mg/kg/day)

C_{bm} = Chemical Concentration in breast milk (mg/L) (refer to equations above in Estimate Concentration in Breast Milk)

$IngR_{bm}$ = Ingestion Rate for breast milk (L/day)

EF = Exposure Frequency (days/year)

ED = Exposure Duration (years)

AT = Averaging Time (years)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

BW = Body weight (kg)

1.3 Estimation of Risks

Threshold Risk Estimates

Risks to human health for CoPCs assessed on the basis of a threshold approach were estimated by comparison of the daily chemical intake or exposure adjusted air concentration of each CoPC with its respective TDI or Reference Concentration allowable from the Site (i.e., the TDI minus background intakes). The resulting ratio, referred to as the hazard quotient, is derived in the following manner:

$$HQ = \frac{CDI_t}{TDI - background}$$

or

$$HQ = \frac{EC_{inh}}{RfC - background}$$

Where:

HQ = Hazard Quotient (unitless)

CDI_t = Chronic Daily Intake (calculated based on threshold averaging time) (mg/kg/day)

TDI = Tolerable Daily Intake (mg/kg/day) – adjusted for background intake

EC_{inh} = Exposure adjusted air concentration (mg/m^3)

RfC = Tolerable Concentration in air (mg/m^3) – adjusted for background intake

A potentially unacceptable chemical intake/exposure is indicated if the exposure level exceeds the TDI or TC (i.e. if the hazard quotient is greater than 1).

To assess the overall potential for adverse health effects posed by exposure to multiple chemicals, the hazard quotients for each chemical and exposure pathway relevant to a receptor are summed. The resulting sum is referred to as the hazard index (HI), and is calculated using the following equation.

$$HI = \sum_{i=1,j=1}^{n} HQ_{i,j}$$

Where:

HI = Hazard Index (unitless)

$HQ_{i,j}$ = Hazard Quotient for pathway *i* and chemical *j* (unitless)

n= Number of chemicals and/or pathways relevant to land use scenario

If the HI is less than one, then cumulative exposure to the CoPC is considered unlikely to result in an adverse effect. If the sum is greater than one, a more detailed and critical evaluation of the hazards may be required, or appropriate risk management measures at the Site may need to be implemented.

Non-Threshold (Carcinogenic) Risk Estimates

Risks to human health for CoPC considered to be genotoxic carcinogens were estimated as the incremental probability of an individual developing cancer over a lifetime as a result of chemical exposure. The numerical estimate of incremental lifetime carcinogenic risk was calculated using the following relationship:

$$ILCR = CDI_{nt} * SF$$

or

$$ILCR = EC_{inh} * IUR * 10^3 \frac{mg}{mg}$$

Where:

ILCR = Incremental Lifetime Cancer Risk (unitless)

CDI_{nt} = Chronic Daily Intake (calculated based on non-threshold averaging time) (mg/kg/day)

SF = Cancer Slope Factor $(mg/kg/day)^{-1}$

EC_{inh} = Exposure adjusted air concentration (mg/m^3)

IUR = Inhalation Unit Risk $(\mu g/m^3)^{-1}$

To assess the overall potential for effects posed by simultaneous exposure to more than one chemical that is associated with non-threshold carcinogenic effects, the risk for each chemical and pathway relevant to a receptor, and for adults and children (as relevant), were summed. The resulting sum is referred to as the cumulative incremental lifetime carcinogenic risk and is estimated as follows:

$$ILCR_{cum} = \sum_{i=1,j=1}^{n} ILCR_{i,j}$$

Where

$ILCR_{cum}$ = Cumulative ILCR for a given receptor (unitless)

$ILCR_{i,j}$= ILCR for chemical i and pathway j

n= Number of chemicals and/or pathways relevant to land use scenario.

This approach assumes that exposure to multiple carcinogens over a lifetime results in a cumulative effect, and therefore, exposures are summed over all intake routes.

1.4 References

EA 2009, Evaluation of models for predicting plant uptake of chemicals from soil, Science report SC050021/SR, Environment Agency, Bristol, UK.

Kärrman, A., Ericson, I., Bavel, B. v., Darnerud, P. O., Aune, M., Glynn, A., Lignell, S. and Lindström, G. (2007). Exposure of perfluorinated chemicals through lactation: levels of matched human milk and serum and a temporal trend, 1996-2004, in Sweden. Environmental Health Perspectives. 115: 226-230.

Kim, S.-K., Lee, K. T., Kang, C. S., Tao, L., Kannan, K., Kim, K.-R., Kim, C.-K., Lee, J. S., Park, P. S., Yoo, Y. W., Ha, J. Y., Shin, Y.-S. and Lee, J.-H. (2011c). Distribution of perfluorochemicals between sera and milk from the same mothers and implications for prenatal and postnatal exposures. Environmental Pollution. 159: 169-174.

National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended 2013.

MfE 2011, Methodology for deriving soil guideline values protective of human health, New Zealand Ministry for the Environment, Wellington, New Zealand.

Stevens B, 1999. 2,3,7,8-Tetrachlorobenzo-p-Dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration *on Human Health*. Presented in: Health Effects of Municipal Waste Incineration, Edited by Holly A, Hattemer-Frey and Curtis Travis, CRC Press, 1991.

US EPA, 1989. Risk Assessment Guidance for Superfund , Volume I: Human Health Evaluation Manual. Interim Final, Office of Emergency and Remedial Response, United States Environment Protection Agency (US EPA), Washington DC, OSWER Directive 9285.7-0/a.

US EPA, 1991. Risk Assessment Guidance for Superfund , Volume I: Human Health Evaluation Manual. (Part B, Development of Risk-Based Preliminary Remediation Goals). Interim, Office of Emergency and Remedial Response, United States Environment Protection Agency (US EPA), Washington DC.

US EPA, 2001. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. United States Environment Protection Agency (US EPA), OSWER Publication 9355.4-24, March 2001.

US EPA, 2005. Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities. United States Environment Protection Agency (US EPA) Office of Solid Waste and Emergency Response. EPA530-R-05-006. September 2005.

von Ehrenstein, O. S., Fenton, S. E., Kato, K., Kuklenyik, Z., Calafat, A. M. and Hines, E. P. (2009). Polyfluoroalkyl chemicals in the serum and milk of breastfeeding women. Reproductive Toxicology. 27: 239-245.

Appendix H

IEUBK Model

1. IEUBK Child Blood Lead Model Scenario 1, 24hour Max our Max

LEAD MODEL FOR WINDOWS Version 1.1

==========

Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.001
1-2	2.000	8.770	32.000	0.001
2-3	3.000	9.760	32.000	0.001
3-4	4.000	10.640	32.000	0.001
4-5	4.000	11.400	32.000	0.001
5-6	4.000	12.070	32.000	0.001
6-7	4.000	12.250	32.000	0.001

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 0.120 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.001	0.120
1-2	0.001	0.120
2-3	0.001	0.120
3-4	0.001	0.120
4-5	0.001	0.120
5-6	0.001	0.120
6-7	0.001	0.120

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.002	2.475	0.000	0.166
1-2	0.003	2.827	0.000	0.105
2-3	0.004	3.267	0.000	0.122
3-4	0.004	1.583	0.000	0.144
4-5	0.004	1.781	0.000	0.144
5-6	0.005	2.029	0.000	0.144
6-7	0.005	2.324	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.001	2.644	1.5
1-2	0.003	2.938	1.3
2-3	0.003	3.395	1.2
3-4	0.003	1.734	0.8
4-5	0.003	1.933	0.6
5-6	0.003	2.181	0.7
6-7	0.003	2.498	0.7

2. IEUBK Child Blood Lead Model – Scenario 1, 1 Hour Maximum Concentrations

LEAD MODEL FOR WINDOWS Version 1.1

==========
Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research
==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.007
1-2	2.000	8.770	32.000	0.007
2-3	3.000	9.760	32.000	0.007
3-4	4.000	10.640	32.000	0.007
4-5	4.000	11.400	32.000	0.007
5-6	4.000	12.070	32.000	0.007
6-7	4.000	12.250	32.000	0.007

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 0.744 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.001	0.744
1-2	0.001	0.744
2-3	0.001	0.744
3-4	0.001	0.744
4-5	0.001	0.744
5-6	0.001	0.744
6-7	0.001	0.744

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.014	2.475	0.000	0.166
1-2	0.021	2.827	0.000	0.105
2-3	0.023	3.267	0.000	0.122
3-4	0.025	1.583	0.000	0.144
4-5	0.027	1.781	0.000	0.144
5-6	0.029	2.028	0.000	0.144
6-7	0.029	2.324	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.006	2.661	1.5
1-2	0.018	2.971	1.3
2-3	0.018	3.430	1.3
3-4	0.018	1.771	0.8
4-5	0.018	1.971	0.6
5-6	0.018	2.220	0.7
6-7	0.018	2.538	0.7

3. IEUBK Child Blood Lead Model – Scenario 3, 24 Hour Maximum Concentrations

LEAD MODEL FOR WINDOWS Version 1.1

==========
Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research
==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.159
1-2	2.000	8.770	32.000	0.159
2-3	3.000	9.760	32.000	0.159
3-4	4.000	10.640	32.000	0.159
4-5	4.000	11.400	32.000	0.159
5-6	4.000	12.070	32.000	0.159
6-7	4.000	12.250	32.000	0.159

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 15.904 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.006	15.904
1-2	0.006	15.904
2-3	0.006	15.904
3-4	0.006	15.904
4-5	0.006	15.904
5-6	0.006	15.904
6-7	0.006	15.904

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.290	2.472	0.000	0.166
1-2	0.446	2.818	0.000	0.105
2-3	0.497	3.258	0.000	0.121
3-4	0.541	1.579	0.000	0.144
4-5	0.580	1.778	0.000	0.144
5-6	0.614	2.025	0.000	0.144
6-7	0.623	2.320	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.123	3.051	1.7
1-2	0.386	3.755	1.6
2-3	0.387	4.263	1.6
3-4	0.393	2.657	1.1
4-5	0.393	2.894	0.9
5-6	0.393	3.176	1.0
6-7	0.393	3.502	1.0

4. IEUBK Child Blood Lead Model – Scenario 1, Grid Maximum (24 Hour) Concentrations

LEAD MODEL FOR WINDOWS Version 1.1

==========

Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.002
1-2	2.000	8.770	32.000	0.002
2-3	3.000	9.760	32.000	0.002
3-4	4.000	10.640	32.000	0.002
4-5	4.000	11.400	32.000	0.002
5-6	4.000	12.070	32.000	0.002
6-7	4.000	12.250	32.000	0.002

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 0.201 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.002	0.201
1-2	0.002	0.201
2-3	0.002	0.201
3-4	0.002	0.201
4-5	0.002	0.201
5-6	0.002	0.201
6-7	0.002	0.201

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.004	2.475	0.000	0.166
1-2	0.006	2.827	0.000	0.105
2-3	0.006	3.267	0.000	0.122
3-4	0.007	1.583	0.000	0.144
4-5	0.007	1.781	0.000	0.144
5-6	0.008	2.029	0.000	0.144
6-7	0.008	2.324	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.002	2.647	1.5
1-2	0.005	2.943	1.3
2-3	0.005	3.400	1.2
3-4	0.005	1.739	0.8
4-5	0.005	1.938	0.6
5-6	0.005	2.186	0.7
6-7	0.005	2.503	0.7

5. IEUBK Child Blood Lead Model – Scenario 3, Grid Maximum (24 Hour) Concentrations

LEAD MODEL FOR WINDOWS Version 1.1

==========

Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.241
1-2	2.000	8.770	32.000	0.241
2-3	3.000	9.760	32.000	0.241
3-4	4.000	10.640	32.000	0.241
4-5	4.000	11.400	32.000	0.241
5-6	4.000	12.070	32.000	0.241
6-7	4.000	12.250	32.000	0.241

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 24.106 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.008	24.106
1-2	0.008	24.106
2-3	0.008	24.106
3-4	0.008	24.106
4-5	0.008	24.106
5-6	0.008	24.106
6-7	0.008	24.106

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.440	2.470	0.000	0.166
1-2	0.676	2.813	0.000	0.105
2-3	0.753	3.253	0.000	0.121
3-4	0.821	1.577	0.000	0.144
4-5	0.879	1.776	0.000	0.144
5-6	0.931	2.023	0.000	0.144
6-7	0.945	2.318	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.187	3.262	1.8
1-2	0.585	4.179	1.8
2-3	0.585	4.712	1.7
3-4	0.594	3.135	1.3
4-5	0.595	3.393	1.1
5-6	0.595	3.693	1.1
6-7	0.595	4.023	1.1

6. IEUBK Child Blood Lead Model – Scenario 1, Grid Maximum (1 Hour) Concentrations

LEAD MODEL FOR WINDOWS Version 1.1

==========
Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research
==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.012
1-2	2.000	8.770	32.000	0.012
2-3	3.000	9.760	32.000	0.012
3-4	4.000	10.640	32.000	0.012
4-5	4.000	11.400	32.000	0.012
5-6	4.000	12.070	32.000	0.012
6-7	4.000	12.250	32.000	0.012

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 1.201 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.002	1.201
1-2	0.002	1.201
2-3	0.002	1.201
3-4	0.002	1.201
4-5	0.002	1.201
5-6	0.002	1.201
6-7	0.002	1.201

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.022	2.475	0.000	0.166
1-2	0.034	2.826	0.000	0.105
2-3	0.037	3.266	0.000	0.121
3-4	0.041	1.582	0.000	0.144
4-5	0.044	1.781	0.000	0.144
5-6	0.046	2.028	0.000	0.144
6-7	0.047	2.324	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.009	2.672	1.5
1-2	0.029	2.994	1.3
2-3	0.029	3.455	1.3
3-4	0.030	1.797	0.8
4-5	0.030	1.999	0.7
5-6	0.030	2.249	0.7
6-7	0.030	2.567	0.7

7. IEUBK Child Blood Lead Model – Scenario 2, 24 Hour Concentrations

LEAD MODEL FOR WINDOWS Version 1.1

==========
Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research
==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.005
1-2	2.000	8.770	32.000	0.005
2-3	3.000	9.760	32.000	0.005
3-4	4.000	10.640	32.000	0.005
4-5	4.000	11.400	32.000	0.005
5-6	4.000	12.070	32.000	0.005
6-7	4.000	12.250	32.000	0.005

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 0.504 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.006	0.504
1-2	0.006	0.504
2-3	0.006	0.504
3-4	0.006	0.504
4-5	0.006	0.504
5-6	0.006	0.504
6-7	0.006	0.504

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.009	2.475	0.000	0.166
1-2	0.014	2.827	0.000	0.105
2-3	0.016	3.267	0.000	0.122
3-4	0.017	1.583	0.000	0.144
4-5	0.018	1.781	0.000	0.144
5-6	0.019	2.029	0.000	0.144
6-7	0.020	2.324	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.004	2.654	1.5
1-2	0.012	2.958	1.3
2-3	0.012	3.416	1.3
3-4	0.013	1.757	0.8
4-5	0.013	1.956	0.6
5-6	0.013	2.205	0.7
6-7	0.013	2.522	0.7

8. IEUBK Child Blood Lead Model – Scenario 2, Grid Maximum (24 Hour) Concentrations

LEAD MODEL FOR WINDOWS Version 1.1

==========

Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

==========

******** Air ********

Indoor Air Pb Concentration: 100.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	5.700	32.000	0.006
1-2	2.000	8.770	32.000	0.006
2-3	3.000	9.760	32.000	0.006
3-4	4.000	10.640	32.000	0.006
4-5	4.000	11.400	32.000	0.006
5-6	4.000	12.070	32.000	0.006
6-7	4.000	12.250	32.000	0.006

******** Diet ********

Age	Diet Intake(µg/day)
.5-1	5.100
1-2	5.800
2-3	6.700
3-4	3.200
4-5	3.600
5-6	4.100
6-7	4.700

******** Drinking Water ********

Water Consumption:

Age	Water (L/day)
.5-1	0.490
1-2	0.308
2-3	0.356
3-4	0.417
4-5	0.417
5-6	0.417
6-7	0.480

Drinking Water Concentration: 0.700 µg Pb/L

******** Soil & Dust ********

Multiple Source Analysis Used
Average multiple source concentration: 0.607 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	0.010	0.607
1-2	0.010	0.607
2-3	0.010	0.607
3-4	0.010	0.607
4-5	0.010	0.607
5-6	0.010	0.607
6-7	0.010	0.607

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.011	2.475	0.000	0.166
1-2	0.017	2.827	0.000	0.105
2-3	0.019	3.267	0.000	0.122
3-4	0.020	1.583	0.000	0.144
4-5	0.022	1.781	0.000	0.144
5-6	0.023	2.028	0.000	0.144
6-7	0.024	2.324	0.000	0.166

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	0.005	2.657	1.5
1-2	0.015	2.964	1.3
2-3	0.015	3.422	1.3
3-4	0.015	1.763	0.8
4-5	0.015	1.963	0.6
5-6	0.015	2.211	0.7
6-7	0.015	2.529	0.7

Appendix I

Uncertainty and Sensitivity Analysis

1. Sensitivity Analysis – Scenario 3, 24 Hour Maximum Concentrations

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 1-hr Maximum (average annual)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration 24-hr Maximum (average annual) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
lead	1.59E-01	0.5	0%	0.5	-	-	-	1.59E-01	3.18E-01	-	-	1.59E-01	3.18E-01
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**3.18E-01**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**3.18E-01**

Health Risk Calculations - Inhalation of Vapour
Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 1-hr Maximum (average annual)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration 24-hr Maximum (average annual) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
lead	4.22E-02	0.5	0%	0.5	-	-	-	3.52E-03	7.03E-03	-	-	3.52E-03	7.03E-03
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**7.03E-03**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**7.03E-03**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\left(\frac{\mu g}{m^3}\right) \times ET\left(\frac{h}{d}\right) \times EF\left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	-
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration 24-hr Maximum (average annual) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
lead	1.57E-01	0.5	0%	0.5	-	-	-	3.86E-02	7.72E-02
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adult)**	**7.72E-02**

Scenario 3 (24 hour) - Calculated Concentrations in Soil

Potential Concentration in Soils Following Dust Deposition

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium

Concentration in Soils

$$C_s = \frac{DR \times (1-e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for each receptor.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/T$^{0.5}$	See below		Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life in soil (years)	100		years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment. NHMRC (2002) for dioxins and furans (surface soil).
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the thermal waste processing facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

Resident

CoPC	DR (mg/m^2/year)	k (1/year)	T$^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
lead	4.36E-03	0.01	100	6.25E-03	4.17E-04

Recreational User

CoPC	DR (mg/m^2/year)	k (1/year)	T$^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
lead	4.71E-04	0.01	100	6.76E-04	4.51E-05

Commercial Worker

CoPC	DR (mg/m^2/year)	k (1/year)	T$^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
lead	1.15E-03	0.01	100	1.65E-03	1.10E-04

References:

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
Stevens. B, 1991. 2,3,7,8-tetrachlorobenzo-p-dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health. Presented in: Health Effects of Municipal Waste Incineration. Edited by
Howard et al., 1991. *Handbook of Environmental Degradation Rates.* Howard. P, Boethling. R, Jarvis. W, Meylan. W and Michalenko. E. Lewis Publishers, Chelsea, Michigan.
McKenzie et al., 2004. *Australian Soils and Landscapes: An Illustrated Compendium.* McKenzie. N, Jacquier. D, Isbell. R and Brown. K. CSIRO Publishing, Collingwood, Victoria.
NHMRC, 2002. *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians.* National Health and Medical Research Council. 24 October 2002.
Paustenbach et.al., 1992. Recent developments on the hazards posed by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in soil: Implications for setting risk-based cleanup levels at residential and industrial sites. Paustenbach DJ, Wenning RJ, Lau V, Harrington NW, Rennix DK, Parsons AH. Journal of Toxicology and Environmental Health, Part A Current Issues. 36(2):103-49

AECOM

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour

Receptor:
Residential (with soil access)
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
	Enter "x" in box for potentially complete pathways
Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)
Groundwater Pathways	
	Ingestion of potable groundwater
	Inhalation of groundwater-derived vapours in indoor air
	Inhalation of groundwater-derived vapours in outdoor air
	Inhalation of groundwater vapours during irrigation/ showering
	Inhalation of vapour emissions from groundwater seepage in an excavation
	Inhalation of vapour emissions from groundwater seepage in a basement
	Incidental ingestion of groundwater seepage in an excavation
	Dermal contact with groundwater seepage in an excavation
	Incidental ingestion of groundwater during showering/bathing
	Dermal contact with groundwater during showering/bathing
	Incidental ingestion of groundwater during food preparation and cleanup
	Dermal contact with groundwater during food preparation and cleanup
	Incidental ingestion of groundwater during domestic laundry
	Dermal contact with groundwater during domestic laundry
	Dermal contact with groundwater residues after washing clothes
	Incidental ingestion of groundwater during household cleaning
	Dermal contact with groundwater during household cleaning
	Incidental ingestion of groundwater residues after washing floors
	Dermal contact with groundwater residues after washing floors
	Incidental ingestion of groundwater during sprinkler play
	Dermal contact with groundwater during sprinkler play
	Incidental ingestion of groundwater during washing of animals
	Dermal contact with groundwater during washing of animals
	Incidental ingestion of groundwater residues after washing animals
	Dermal contact with groundwater residues after washing companion animals
	Incidental ingestion of groundwater during washing of vehicles
	Dermal contact with groundwater during washing of vehicles
	Incidental ingestion of groundwater during irrigation
	Dermal contact with groundwater during irrigation
	Incidental ingestion of groundwater used in home swimming pools
	Dermal contact with groundwater used in home swimming pools
Soil Vapour Pathways	
	Inhalation of soil vapour-derived vapours in indoor air
	Inhalation of soil vapour-derived vapours in outdoor air
Sediment Pathways	
	Incidental ingestion of sediment
	Dermal contact with sediment
Surface Water Pathways	
	Incidental ingestion of surface water during fishing
	Dermal contact with surface water during fishing
	Incidental ingestion of surface water during boating
	Dermal contact with surface water during boating
	Incidental ingestion of surface water during swimming in creeks/rivers
	Dermal contact with surface water during swimming in creeks/rivers
Dietary Pathways	
x	Ingestion of breast milk by infants
x	Ingestion of home grown eggs
	Ingestion of fish
	Ingestion of shellfish
	Ingestion of beef
	Ingestion of lamb
	Ingestion of rabbit
	Ingestion of milk from livestock
	Ingestion of home grown green vegetables
	Ingestion of home grown fruit
N	Soil RBSLs saturation limited?
-	Groundwater RBSLs solubility limited?

Chemicals for Quantitative Assessment:	Exposure Point Concentrations			
	Soil Surface (mg/kg)	Soil Plant Root Zone (mg/kg)	Human Breast Milk (mg/L)	Egg (mg/kg)
Lead	6.25E-03	4.17E-04	modelled	modelled

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	50	100	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	20	20	enHealth (2012)	enHealth (2012)
Exposure frequency (indoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	1.30E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	4	4	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.90E+10	2.90E+10	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Ingestion of potable groundwater					
Potable water intake rate	L/day	-	-	-	-
Exposure frequency for potable water intake	days/yr	-	-	-	-
Ingestion of human breast milk by infants					
Exposure frequency	days/yr	-	365	-	enHealth (2012b) / ASC NEPM 2013
Exposure duration	years	-	1	-	enHealth (2012b) / ASC NEPM 2013
Infant body weight	kg	-	6	-	enHealth (2012b) / ASC NEPM 2013
Breast milk intake rate	L/day	-	0.85	-	enHealth (2012b)
Incidental ingestion and dermal contact with groundwater seepage in an excavation					
Exposure frequency for incidental water ingestion	days/yr	-	-	-	-
Exposure frequency for dermal water contact	days/yr	-	-	-	-
Exposure time for dermal water contact	hr/day	-	-	-	-
Event frequency for dermal water contact	events/day	-	-	-	-
Incidental ingestion rate	L/day	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Inhalation of groundwater vapours during irrigation/ showering					
Exposure frequency (shower/sprinkler)	days/yr	-	-	-	-
Exposure time (shower/sprinkler)	min/ day	-	-	-	-
Inhalation rate shower / sprinkler	m^3/hr	-	-	-	-
Inhalation absorption adjustment factor	mg/mg	-	-	-	-
Lung retention factor	unitless	-	-	-	-
Inhalation of vapour emissions from groundwater seepage in a basement					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/year	-	-	-	-
Incidental ingestion and dermal contact with groundwater during showering/bathing					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/event	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during food preparation and cleanup					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during domestic laundry					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Dermal contact with groundwater residues on fabric after washing clothes					
Exposure frequency	days/yr	-	-	-	-
Exposed skin surface for clothing contact	cm^2	-	-	-	-
Dermal absorption adjustment factor	unitless	-	-	-	-
Incidental ingestion and dermal contact with groundwater during household cleaning					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Ingestion of eggs					
Daily egg ingestion rate	g/day	78.0	44.3	ABS, 2014	ABS, 2014
Exposure frequency for egg ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily egg intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown fruit					
Daily plant ingestion rate	g/day	212.2	198.0	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown green vegetables					
Daily plant ingestion rate	g/day	296.8	345.9	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013

Calculation of Intake of Contaminants by Mother
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour Scenario

	Chronic Daily Intake by Mother via		Chronic Daily	Chronic Daily Intake by Mother via		
Chemical	Inhalation of Surface Soil-Derived Dust in Indoor Air	Inhalation of Surface Soil-Derived Dust in Outdoor Air	Dermal Contact with Soil	Incidental Ingestion of Soil	Ingestion of Eggs from Poultry	Cumulative Chronic Daily Intake by Mother
	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day
Lead	4.29E-11	3.85E-15	-	4.46E-09	1.93E-12	4.51E-09

Calculation of Contaminants in Human Milk from Environmental Data
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour Scenario

Chemical	Chronic Daily Intake by Mother	Half-life of Chemicals in Body ($t_{1/2}$)	Fraction of Ingested Chemical Stored in Fat	Fraction of Mothers Weight that is Fat	Concentration in Human Breast Milk (C_{BM})
	mg/kg/day	days	Unitless	Unitless	mg/L
Lead	4.51E-09	1.10E+04	9.00E-01	3.50E-01	1.83E-04

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Calculation of Contaminant Concentrations in Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour Scenario

Exposure Parameter	Unit	Value	Source
Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (F_i)	Unitless	1	Professional judgement. Assumed 100% from contaminated soil.
Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (Qp_i)	kg DW plant/day	0.07	Hattemer-Frey & Travis (1991)
Quantity of soil eaten by the animal (chicken) (Qs)	kg/day	0.001	Hattemer-Frey & Travis (1991)
Laying Rate (LR)	eggs/day	0.7	Professional judgement. Based on a chicken laying 5 eggs per week (260 days per year).
Average weight of edible portion of egg (E_w)	kg	0.058	Assumed the average weight of an egg would be 65g, of which 90% was edible.

Chemical	Pasture Plant Concentration (Cf)*	Soil Concentration (Cs)	Oral Soil Bioavailability Factor	Transfer Factor into Eggs (TF)	Concentration in Eggs (A_{egg})
	mg/kg	mg/kg	(unitless)	Unitless	mg/kg
Lead	0	0.000416678	1.00E+00	1.68E-04	1.73E-09

Notes:
* Estimated concentration in green vegetables as it was assumed that chickens may eat vegetable scraps.

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	6.25E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	4.81E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	4.31E-08
IR_S	Soil ingestion rate (receptor specific)	g/day	0.050
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	5.77E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	5.17E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	1.50E-05
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.177%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**3.75E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.44E-06**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.29E-10**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Health Risk Calculations - Ingestion of Breast Milk
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour Scenario

Chemical	Concentration in Human Breast Milk (C_{BM})	Threshold Intake and Risk Calculations			
		Oral RfD (Background Corrected)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/L)	(mg/kg/day)	(L/kg/day)	(mg/kg/day)	(unitless)
Lead	1.83E-04	3.50E-03	1.42E-01	2.60E-05	7.42E-03

TOTAL **7.42E-03**

Health Risk Calculations - Ingestion of Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour Scenario

Chemical	Egg Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Lead	1.72851E-09	3.50E-03	1.11E-03	1.93E-12	5.50E-10	2.95E-03	5.10E-12	1.46E-09
TOTAL					**5.50E-10**			**1.46E-09**

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	3.18E-01	3.18E-01
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	3.8E-06	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	1.4E-06	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	1.3E-10	-
DIETARY EXPOSURE PATHWAYS		
Ingestion of Fish from the Site	-	-
Ingestion of breast milk by infants	-	7.4E-03
Ingestion of home grown beef	-	-
Ingestion of home grown livestock milk	-	-
Ingestion of home grown eggs	5.5E-10	1.5E-09
Ingestion of home grown fruit	-	-
Ingestion of home grown green vegetables	-	-
Ingestion of home grown lamb	-	-
Ingestion of rabbit meat	-	-
Ingestion of shellfish	-	-
TOTAL	**3.2E-01**	**3.3E-01**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 3 24 hour

Receptor:
Recreational
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
	Incidental ingestion of soil
	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Lead	Refer to Blood Lead Model

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	**Child**	**Adult**	**Child**
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	25	50	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/yr	-	-	-	-
Particulate emission factor (indoor air)	m^3/kg	-	-	-	-
Lung Retention Factor (dust inhalation)	unitless	-	-	-	-
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	2	2	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.60E+07	2.60E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 3 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	6.76E-04
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	-
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	2.40E-05
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	-
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	3.12E-08
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	8.11E-07
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.03E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**-**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**7.80E-09**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 3 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	7.03E-03	7.03E-03
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	-	-
Dermal Contact with Soil	-	-
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	2.0E-07	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	-	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	7.8E-09	-
TOTAL	**7.03E-03**	**7.03E-03**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 3 24 hour

Receptor:
Commercial worker
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
	Incidental ingestion of soil
	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Lead	1.65E-03

Exposure Parameters:	Units	Adopted Exposure Parameters	Source
		Adult	Adult
General receptor parameters:	**Units**		
Body weight	kg	70	ASC NEPM 2013
Exposure duration	yr	30	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	30	ASC NEPM 2013
Incidental ingestion of soil			
Daily soil ingestion rate	mg/day	25	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	ASC NEPM 2013
Dermal contact with soil			
Exposed skin surface area for soil contact	cm^2	3800	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation			
Exposure time (indoor air)	hrs/day	8	ASC NEPM 2013
Exposure frequency (indoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013
Outdoor inhalation			
Exposure time (outdoor air)	hrs/day	1	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	3.70E+10	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 3 24 hour Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	1.65E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	1.92E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	8.45E-09
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	6.11E-07
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	2.68E-11
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	1.99E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.176%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**4.96E-07**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.53E-07**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**6.71E-12**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 3 24 hour Scenario

Exposure Pathway	Threshold Risk Estimates
	Adult Exposure
AIR EXPOSURE PATHWAYS	
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	7.72E-02
SOIL EXPOSURE PATHWAYS	
Incidental Ingestion of Soil	-
Dermal Contact with Soil	-
Inhalation of Surface Soil-Derived Dust in Indoor Air	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-
ADULT LEAD MODEL	
Ingestion of Lead in Soil/Dust (Adult Lead Model)	5.0E-07
Inhalation of Lead in Dust Indoors (Adult Lead Model)	1.5E-07
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	6.7E-12
TOTAL	**7.72E-02**

2. Sensitivity Analysis – Scenario 3, Grid Maximum (24 Hour) Concentrations

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (24 hr annual average)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration Grid Maximum (24 hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
lead	2.41E-01	0.5	0%	0.5	-	-	-	2.41E-01	4.82E-01	-	-	2.41E-01	4.82E-01
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**4.82E-01**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**4.82E-01**

Health Risk Calculations - Inhalation of Vapour
Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (24 hr annual average)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration Grid Maximum (24 hr annual average) (µg/m3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
lead	2.41E-01	0.5	0%	0.5	-	-	-	2.01E-02	4.01E-02	-	-	2.01E-02	4.01E-02
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**4.01E-02**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**4.01E-02**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\ \left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Ground Level Concentration Grid Maximum (24 hr annual average)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration Grid Maximum (24 hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
lead	2.41E-01	0.5	0%	0.5	-	-	-	5.94E-02	1.19E-01
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adult)**	**1.19E-01**

Potential Concentration in Soils Following Dust Deposition

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium

Concentration in Soils

$$C_s = \frac{DR \times (1-e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for each receptor.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/$T^{0.5}$	See below		Calculated using equation ln(2)/$T^{0.5}$.
$T^{0.5}$	Chemical half-life in soil (years)	100		years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment. NHMRC (2002) for dioxins and furans (surface soil).
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the thermal waste processing facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

Grid Maximum

CoPC	DR (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
lead	5.65E-03	0.01	100	8.11E-03	5.41E-04

References:

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
Stevens. B, 1991. 2,3,7,8-tetrachlorobenzo-p-dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health. Presented in: Health Effects of Municipal Waste Incineration. Edited by
Howard et al., 1991. *Handbook of Environmental Degradation Rates.* Howard. P, Boethling. R, Jarvis. W, Meylan. W and Michalenko. E. Lewis Publishers, Chelsea, Michigan.
McKenzie et al., 2004. *Australian Soils and Landscapes: An Illustrated Compendium.* McKenzie. N, Jacquier. D, Isbell. R and Brown. K. CSIRO Publishing, Collingwood, Victoria.
NHMRC, 2002. *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians.* National Health and Medical Research Council. 24 October 2002.
Paustenbach et.al., 1992. Recent developments on the hazards posed by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in soil: Implications for setting risk-based cleanup levels at residential and industrial sites. Paustenbach

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max

Receptor:
Residential (with soil access)
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:

Enter "x" in box for potentially complete pathways

Soil Pathways	
x	Incidental ingestion of soil
x	Dermal contact with soil
x	Inhalation of surface soil-derived dust in indoor air
x	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)
Groundwater Pathways	
	Ingestion of potable groundwater
	Inhalation of groundwater-derived vapours in indoor air
	Inhalation of groundwater-derived vapours in outdoor air
	Inhalation of groundwater vapours during irrigation/ showering
	Inhalation of vapour emissions from groundwater seepage in an excavation
	Inhalation of vapour emissions from groundwater seepage in a basement
	Incidental ingestion of groundwater seepage in an excavation
	Dermal contact with groundwater seepage in an excavation
	Incidental ingestion of groundwater during showering/bathing
	Dermal contact with groundwater during showering/bathing
	Incidental ingestion of groundwater during food preparation and cleanup
	Dermal contact with groundwater during food preparation and cleanup
	Incidental ingestion of groundwater during domestic laundry
	Dermal contact with groundwater during domestic laundry
	Dermal contact with groundwater residues after washing clothes
	Incidental ingestion of groundwater during household cleaning
	Dermal contact with groundwater during household cleaning
	Incidental ingestion of groundwater residues after washing floors
	Dermal contact with groundwater residues after washing floors
	Incidental ingestion of groundwater during sprinkler play
	Dermal contact with groundwater during sprinkler play
	Incidental ingestion of groundwater during washing of animals
	Dermal contact with groundwater during washing of animals
	Incidental ingestion of groundwater residues after washing animals
	Dermal contact with groundwater residues after washing companion animals
	Incidental ingestion of groundwater during washing of vehicles
	Dermal contact with groundwater during washing of vehicles
	Incidental ingestion of groundwater during irrigation
	Dermal contact with groundwater during irrigation
	Incidental ingestion of groundwater used in home swimming pools
	Dermal contact with groundwater used in home swimming pools
Soil Vapour Pathways	
	Inhalation of soil vapour-derived vapours in indoor air
	Inhalation of soil vapour-derived vapours in outdoor air
Sediment Pathways	
	Incidental ingestion of sediment
	Dermal contact with sediment
Surface Water Pathways	
	Incidental ingestion of surface water during fishing
	Dermal contact with surface water during fishing
	Incidental ingestion of surface water during boating
	Dermal contact with surface water during boating
	Incidental ingestion of surface water during swimming in creeks/rivers
	Dermal contact with surface water during swimming in creeks/rivers
Dietary Pathways	
x	Ingestion of breast milk by infants
x	Ingestion of home grown eggs
	Ingestion of fish
	Ingestion of shellfish
	Ingestion of beef
	Ingestion of lamb
	Ingestion of rabbit
	Ingestion of milk from livestock
	Ingestion of home grown green vegetables
	Ingestion of home grown fruit
N	Soil RBSLs saturation limited?
-	Groundwater RBSLs solubility limited?

Chemicals for Quantitative Assessment:	Exposure Point Concentrations			
	Soil Surface (mg/kg)	Soil Plant Root Zone (mg/kg)	Human Breast Milk (mg/L)	Egg (mg/kg)
Lead	8.11E-03	5.41E-04	modelled	modelled

Exposure Parameters:		Adopted Exposure Parameters		Source	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	50	100	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	20	20	enHealth (2012)	enHealth (2012)
Exposure frequency (indoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	1.30E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	4	4	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.90E+10	2.90E+10	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013
Ingestion of potable groundwater					
Potable water intake rate	L/day	-	-	-	-
Exposure frequency for potable water intake	days/yr	-	-	-	-
Ingestion of human breast milk by infants					
Exposure frequency	days/yr	-	365	-	enHealth (2012b) / ASC NEPM 2013
Exposure duration	years	-	1	-	enHealth (2012b) / ASC NEPM 2013
Infant body weight	kg	-	6	-	enHealth (2012b) / ASC NEPM 2013
Breast milk intake rate	L/day	-	0.85	-	enHealth (2012b)
Incidental ingestion and dermal contact with groundwater seepage in an excavation					
Exposure frequency for incidental water ingestion	days/yr	-	-	-	-
Exposure frequency for dermal water contact	days/yr	-	-	-	-
Exposure time for dermal water contact	hr/day	-	-	-	-
Event frequency for dermal water contact	events/day	-	-	-	-
Incidental ingestion rate	L/day	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Inhalation of groundwater vapours during irrigation/ showering					
Exposure frequency (shower/sprinkler)	days/yr	-	-	-	-
Exposure time (shower/sprinkler)	min/ day	-	-	-	-
Inhalation rate shower / sprinkler	m^3/hr	-	-	-	-
Inhalation absorption adjustment factor	mg/mg	-	-	-	-
Lung retention factor	unitless	-	-	-	-
Inhalation of vapour emissions from groundwater seepage in a basement					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/year	-	-	-	-
Incidental ingestion and dermal contact with groundwater during showering/bathing					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/event	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during food preparation and cleanup					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Incidental ingestion and dermal contact with groundwater during domestic laundry					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Dermal contact with groundwater residues on fabric after washing clothes					
Exposure frequency	days/yr	-	-	-	-
Exposed skin surface for clothing contact	cm^2	-	-	-	-
Dermal absorption adjustment factor	unitless	-	-	-	-
Incidental ingestion and dermal contact with groundwater during household cleaning					
Exposure frequency	days/yr	-	-	-	-
Activity duration	hours/day	-	-	-	-
Events per day	event / day	-	-	-	-
Incidental water ingestion rate	L/hour	-	-	-	-
Exposed skin surface for water contact	cm^2	-	-	-	-
Ingestion of eggs					
Daily egg ingestion rate	g/day	78.0	44.3	ABS, 2014	ABS, 2014
Exposure frequency for egg ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily egg intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown fruit					
Daily plant ingestion rate	g/day	212.2	198.0	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013
Ingestion of home grown green vegetables					
Daily plant ingestion rate	g/day	296.8	345.9	ABS, 2014	ABS, 2014
Exposure frequency for plant ingestion	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Fraction of daily plant intake from contaminated source	unitless	1	1	ASC NEPM 2013	ASC NEPM 2013

Calculation of Intake of Contaminants by Mother
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max Scenario

	Chronic Daily Intake by Mother via		Chronic Daily	Chronic Daily Intake by Mother via		
Chemical	Inhalation of Surface Soil-Derived Dust in Indoor Air	Inhalation of Surface Soil-Derived Dust in Outdoor Air	Dermal Contact with Soil	Incidental Ingestion of Soil	Ingestion of Eggs from Poultry	Cumulative Chronic Daily Intake by Mother
	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day	mg/kg/day
Lead	5.57E-11	4.99E-15	-	5.79E-09	2.50E-12	5.85E-09

Calculation of Contaminants in Human Milk from Environmental Data
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max Scenario

Chemical	Chronic Daily Intake by Mother	Half-life of Chemicals in Body ($t_{1/2}$)	Fraction of Ingested Chemical Stored in Fat	Fraction of Mothers Weight that is Fat	Concentration in Human Breast Milk (C_{BM})
	mg/kg/day	days	Unitless	Unitless	mg/L
Lead	5.85E-09	1.10E+04	9.00E-01	3.50E-01	2.38E-04

AECOM

Calculation of Contaminant Concentrations in Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max Scenario

Exposure Parameter	Unit	Value	Source
Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (F_i)	Unitless	1	Professional judgement. Assumed 100% from contaminated soil.
Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (Qp_i)	kg DW plant/day	0.07	Hattemer-Frey & Travis (1991)
Quantity of soil eaten by the animal (chicken) (Qs)	kg/day	0.001	Hattemer-Frey & Travis (1991)
Laying Rate (LR)	eggs/day	0.7	Professional judgement. Based on a chicken laying 5 eggs per week (260 days per year).
Average weight of edible portion of egg (E_w)	kg	0.058	Assumed the average weight of an egg would be 65g, of which 90% was edible.

Chemical	Pasture Plant Concentration (Cf)*	Soil Concentration (Cs)	Oral Soil Bioavailability Factor	Transfer Factor into Eggs (TF)	Concentration in Eggs (A_{egg})
	mg/kg	mg/kg	(unitless)	Unitless	mg/kg
Lead	0	0.000540792	1.00E+00	1.68E-04	2.24E-09

Notes:
* Estimated concentration in green vegetables as it was assumed that chickens may eat vegetable scraps.

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	8.11E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	4.81E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	4.31E-08
IR_S	Soil ingestion rate (receptor specific)	g/day	0.050
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	7.49E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	6.71E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	1.95E-05
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.177%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**4.87E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.87E-06**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**1.68E-10**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Health Risk Calculations - Ingestion of Breast Milk
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max Scenario

Chemical	Concentration in Human Breast Milk (C_{BM})	Threshold Intake and Risk Calculations			
		Oral RfD (Background Corrected)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/L)	(mg/kg/day)	(L/kg/day)	(mg/kg/day)	(unitless)
Lead	2.38E-04	3.50E-03	1.42E-01	3.37E-05	9.62E-03

TOTAL **9.62E-03**

Health Risk Calculations - Ingestion of Eggs
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max Scenario

Chemical	Egg Concentration	Threshold Intake and Risk Calculations						
		Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)
	(mg/kg)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)
Lead	2.24337E-09	3.50E-03	1.11E-03	2.50E-12	7.14E-10	2.95E-03	6.63E-12	1.89E-09
TOTAL					**7.14E-10**			**1.89E-09**

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Residents (Adult and Child) - Scenario 3 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	4.82E-01	4.82E-01
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	4.9E-06	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	1.9E-06	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	1.7E-10	-
DIETARY EXPOSURE PATHWAYS		
Ingestion of Fish from the Site	-	-
Ingestion of breast milk by infants	-	9.6E-03
Ingestion of home grown beef	-	-
Ingestion of home grown livestock milk	-	-
Ingestion of home grown eggs	7.1E-10	1.9E-09
Ingestion of home grown fruit	-	-
Ingestion of home grown green vegetables	-	-
Ingestion of home grown lamb	-	-
Ingestion of rabbit meat	-	-
Ingestion of shellfish	-	-
TOTAL	**4.8E-01**	**4.9E-01**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 3 Grid Max

Receptor:
Recreational
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
	Incidental ingestion of soil
	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Lead	Refer to Blood Lead Model

Exposure Parameters:	Units	Adopted Exposure Parameters		Source	
		Adult	**Child**	**Adult**	**Child**
General receptor parameters:					
Body weight	kg	70	15	ASC NEPM 2013	ASC NEPM 2013
Exposure duration	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	70	ASC NEPM 2013	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	29	6	ASC NEPM 2013	ASC NEPM 2013
Incidental ingestion of soil					
Daily soil ingestion rate	mg/day	25	50	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	365	ASC NEPM 2013	ASC NEPM 2013
Dermal contact with soil					
Exposed skin surface area for soil contact	cm^2	6300	2700	enHealth (2012)	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	0.5	enHealth (2012)	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation					
Exposure time (indoor air)	hrs/day	-	-	-	-
Exposure frequency (indoor air)	days/yr	-	-	-	-
Particulate emission factor (indoor air)	m^3/kg	-	-	-	-
Lung Retention Factor (dust inhalation)	unitless	-	-	-	-
Outdoor inhalation					
Exposure time (outdoor air)	hrs/day	2	2	ASC NEPM 2013	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	365	enHealth (2012b) / ASC NEPM 2013	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	2.60E+07	2.60E+07	ASC NEPM 2013	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	0.375	ASC NEPM 2013	ASC NEPM 2013

AECOM

Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 3 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	8.11E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	-
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	2.40E-05
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S, D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S, D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	-
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	3.74E-07
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	9.73E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.177%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.43E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**-**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**9.36E-08**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Recreational User (Adult and Child) - Scenario 3 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates	
	Adult Exposure	Childhood Exposure
AIR EXPOSURE PATHWAYS		
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	4.01E-02	4.01E-02
SOIL EXPOSURE PATHWAYS		
Incidental Ingestion of Soil	-	-
Dermal Contact with Soil	-	-
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-
ADULT LEAD MODEL		
Ingestion of Lead in Soil/Dust (Adult Lead Model)	2.4E-06	-
Inhalation of Lead in Dust Indoors (Adult Lead Model)	-	-
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	9.4E-08	-
TOTAL	**4.01E-02**	**4.01E-02**

General Information:	
Site:	Weston Aluminium Thermal Waste Processing Facility
Address:	129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client:	Weston Aluminium
Scenario:	Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 3 Grid Max

Receptor:
Commercial worker
Exposure Assumptions:
Average Exposure

Exposure Pathways Assessed:	
Enter "x" in box for potentially complete pathways	
Soil Pathways	
	Incidental ingestion of soil
	Dermal contact with soil
	Inhalation of surface soil-derived dust in indoor air
	Inhalation of surface soil-derived dust in outdoor air
	Inhalation of surface soil-derived vapours in outdoor air
	Inhalation of soil-derived vapours from excavation (USEPA 2002 method)
	Inhalation of subsurface soil-derived vapours in indoor air
	Inhalation of subsurface soil-derived vapours in outdoor air
x	Incidental ingestion of lead in soil (Adult Lead Model)
x	Inhalation of lead in soil/dust indoors (Adult Lead Model)
x	Inhalation of lead in dust outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Exposure Point Concentrations
	Soil Surface (mg/kg)
Lead	Refer to Blood Lead Model

Exposure Parameters:		Adopted Exposure Parameters	Source
		Adult	Adult
General receptor parameters:	**Units**		
Body weight	kg	70	ASC NEPM 2013
Exposure duration	yr	30	ASC NEPM 2013
Averaging time (carcinogens)	yr	70	ASC NEPM 2013
Averaging time (non-carcinogens)	yr	30	ASC NEPM 2013
Incidental ingestion of soil			
Daily soil ingestion rate	mg/day	25	ASC NEPM 2013
Exposure frequency for soil ingestion	days/yr	365	ASC NEPM 2013
Dermal contact with soil			
Exposed skin surface area for soil contact	cm^2	3800	enHealth (2012)
Soil to skin adherence factor	mg/cm^2	0.5	enHealth (2012)
Exposure frequency for dermal contact with soil	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Indoor inhalation			
Exposure time (indoor air)	hrs/day	8	ASC NEPM 2013
Exposure frequency (indoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (indoor air)	m^3/kg	1.30E+07	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013
Outdoor inhalation			
Exposure time (outdoor air)	hrs/day	1	ASC NEPM 2013
Exposure frequency (outdoor air)	days/yr	365	enHealth (2012b) / ASC NEPM 2013
Particulate emission factor (outdoor air)	m^3/kg	3.70E+10	ASC NEPM 2013
Lung Retention Factor (dust inhalation)	unitless	0.375	ASC NEPM 2013

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Health Risk Calculations - Adult Lead Model
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 3 Grid Max Scenario

Variable	Description of Variable	Units	Adult Lead Model
PbS	Soil lead concentration (Site specific soil concentration)	ug/g (mg/kg)	8.11E-03
$R_{fetal/maternal}$	Fetal/maternal PbB ratio (US EPA default value, *refer to body report*)	--	0.9
$BKSF_{SOIL}$	Biokinetic Slope Factor (US EPA default value, *refer to body report*)	ug/dL per ug/day	0.4
ISF_{AIR}	Intake Slope Factor (ATSDR default value, *refer to body report*)	ug/dL per ug/day	1.92
GSD_i	Geometric standard deviation PbB (US EPA default value recommended for homogenous populations)	--	1.8
PbB_0	Baseline PbB (US EPA default value, *refer to body report*)	ug/dL	1.0
IR_{IA}	Soil (dust) intake rate via inhalation (indoors)	g/day	1.92E-04
IR_{OA}	Soil (dust) intake rate via inhalation (outdoors)	g/day	8.45E-09
IR_S	Soil ingestion rate (receptor specific)	g/day	0.025
$AF_{S,D}$	Absorption fraction (ingestion only) (US EPA default value, comparable to values adopted in the ASC NEPM, *refer to body report*)	--	0.12
EF_S	Exposure frequency for soil ingestion (receptor specific)	days/yr	365
EF_D	Exposure frequency for dust inhalation (receptor specific)	days/yr	365
$AT_{S,D}$	Averaging time	days/yr	365
PbB_{IAIR}	Blood lead concentration of adult worker, as a result of indoor air exposure (dust inhalation)	ug/dL	3.00E-06
PbB_{OAIR}	Blood lead concentration of adult worker, as a result of air exposure (dust inhalation)	ug/dL	1.32E-10
PbB_{SOIL}	Blood lead concentration of adult worker, as a result of soil exposure (soil and dust ingestion)	ug/dL	9.73E-06
PbB_{adult}	**Blood lead concentration of adult worker, geometric mean (including baseline/background)**	**ug/dL**	**1.0**
$PbB_{fetal,\ 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	**Target PbB level of concern (e.g., 5 ug/dL)**	**ug/dL**	**5.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**0.177%**
Incidental Ingestion of Lead in Soil Hazard Index (Adult, based on target blood lead concentration as specified above)			**2.43E-06**
Inhalation of Lead in Dust Indoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**7.49E-07**
Inhalation of Lead in Dust Outdoors Hazard Index (Adult, based on target blood lead concentration as specified above)			**3.29E-11**

Note:
PbB = Blood Lead
All exposure pathways not listed in this model are assumed to be encompassed within the baseline lead concentration.

Calculations for risks associated with lead exposures are based on calculations presented in the USEPA Adult Lead Model
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee (version: 21/6/2009)
Blood Lead concentration for adult workers should be <10 ug/dL.
The probability that fetal blood lead concentrations are greater than the blood lead level of concern (10 ug/dL) should be less than 5%.

Summary of Estimated Health Risks
Weston Aluminium Thermal Waste Processing Facility
129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Multiple Exposure by Off-site Commercial Worker (Adult) - Scenario 3 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates
	Adult Exposure
AIR EXPOSURE PATHWAYS	
Inhalation of Vapour and Particulates in Indoor and Outdoor Air (Inhalation Model)	1.19E-01
SOIL EXPOSURE PATHWAYS	
Incidental Ingestion of Soil	-
Dermal Contact with Soil	-
Inhalation of Surface Soil-Derived Dust in Indoor Air	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-
ADULT LEAD MODEL	
Ingestion of Lead in Soil/Dust (Adult Lead Model)	2.4E-06
Inhalation of Lead in Dust Indoors (Adult Lead Model)	7.5E-07
Inhalation of Lead in Dust Outdoors (Adult Lead Model)	3.3E-11
TOTAL	**1.19E-01**

3. Sensitivity Analysis – Scenario 1, 1 Hour Maximum Concentrations

Health Risk Calculations - Inhalation of Vapour
Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 1-hr Maximum (annual average)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration 1-hr Maximum (annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	1.57E-04	1	0%	1	-	-	-	1.57E-04	1.57E-04	-	-	1.57E-04	1.57E-04
cadmium	1.86E-03	0.005	20%	0.004	-	-	-	1.86E-03	4.65E-01	-	-	1.86E-03	4.65E-01
chromium VI	1.93E-03	0.1	0%	0.1	-	-	-	1.93E-03	1.93E-02	-	-	1.93E-03	1.93E-02
lead	7.43E-03	0.5	0%	0.5	-	-	-	7.43E-03	1.49E-02	-	-	7.43E-03	1.49E-02
mercury	1.29E-02	0.2	10%	0.18	-	-	-	1.29E-02	7.17E-02	-	-	1.29E-02	7.17E-02
nickel	1.88E-03	0.02	20%	0.016	-	-	-	1.88E-03	1.17E-01	-	-	1.88E-03	1.17E-01
selenium	3.49E-04	21	60%	8.4	-	-	-	3.49E-04	4.15E-05	-	-	3.49E-04	4.15E-05
vanadium	2.38E-04	1	0%	1	-	-	-	2.38E-04	2.38E-04	-	-	2.38E-04	2.38E-04
dioxins and furans	3.09E-09	0.00000805	57%	3.4615E-06	-	-	-	3.09E-09	8.93E-04	-	-	3.09E-09	8.93E-04
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**6.90E-01**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**6.90E-01**

Health Risk Calculations - Inhalation of Vapour
Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration 1-hr Maximum (average annual)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration 1-hr Maximum (annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	1.15E-04	1	0%	1	-	-	-	9.58E-06	9.58E-06	-	-	9.58E-06	9.58E-06
cadmium	1.25E-03	0.005	20%	0.004	-	-	-	1.04E-04	2.60E-02	-	-	1.04E-04	2.60E-02
chromium VI	1.34E-03	0.1	0%	0.1	-	-	-	1.12E-04	1.12E-03	-	-	1.12E-04	1.12E-03
lead	4.97E-03	0.5	0%	0.5	-	-	-	4.14E-04	8.28E-04	-	-	4.14E-04	8.28E-04
mercury	1.34E-02	0.2	10%	0.18	-	-	-	1.12E-03	6.20E-03	-	-	1.12E-03	6.20E-03
nickel	1.27E-03	0.02	20%	0.016	-	-	-	1.06E-04	6.63E-03	-	-	1.06E-04	6.63E-03
selenium	2.30E-04	21	60%	8.4	-	-	-	1.92E-05	2.28E-06	-	-	1.92E-05	2.28E-06
vanadium	1.58E-04	1	0%	1	-	-	-	1.31E-05	1.31E-05	-	-	1.31E-05	1.31E-05
dioxins and furans	3.22E-09	0.00000805	57%	3.4615E-06	-	-	-	2.68E-10	7.75E-05	-	-	2.68E-10	7.75E-05
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**4.09E-02**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**4.09E-02**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\ \left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Ground Level Concentration 1-hr Maximum (average annual)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration 1-hr Maximum (annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	1.46E-04	1	0%	1	-	-	-	3.60E-05	3.60E-05
cadmium	1.75E-03	0.005	20%	0.004	-	-	-	4.32E-04	1.08E-01
chromium VI	1.80E-03	0.1	0%	0.1	-	-	-	4.44E-04	4.44E-03
lead	6.97E-03	0.5	0%	0.5	-	-	-	1.72E-03	3.44E-03
mercury	1.41E-02	0.2	10%	0.18	-	-	-	3.48E-03	1.93E-02
nickel	1.75E-03	0.02	20%	0.016	-	-	-	4.32E-04	2.70E-02
selenium	3.29E-04	21	60%	8.4	-	-	-	8.12E-05	9.66E-06
vanadium	2.25E-04	1	0%	1	-	-	-	5.55E-05	5.55E-05
dioxins and furans	3.38E-09	0.00000805	57%	3.4615E-06	-	-	-	8.33E-10	2.41E-04
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**1.62E-01**

4. Sensitivity Analysis – Scenario 1, Grid Maximum (1 Hour) Concentrations

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (1 hr annual average)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Ground Level Concentration Grid Maximum (1 hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	2.27E-04	1	0%	1	-	-	-	2.27E-04	2.27E-04	-	-	2.27E-04	2.27E-04
cadmium	3.03E-03	0.005	20%	0.004	-	-	-	3.03E-03	7.58E-01	-	-	3.03E-03	7.58E-01
chromium VI	3.03E-03	0.1	0%	0.1	-	-	-	3.03E-03	3.03E-02	-	-	3.03E-03	3.03E-02
lead	1.21E-02	0.5	0%	0.5	-	-	-	1.21E-02	2.43E-02	-	-	1.21E-02	2.43E-02
mercury	1.45E-02	0.2	10%	0.18	-	-	-	1.45E-02	8.08E-02	-	-	1.45E-02	8.08E-02
nickel	3.03E-03	0.02	20%	0.016	-	-	-	3.03E-03	1.90E-01	-	-	3.03E-03	1.90E-01
selenium	5.76E-04	21	60%	8.4	-	-	-	5.76E-04	6.86E-05	-	-	5.76E-04	6.86E-05
vanadium	3.94E-04	1	0%	1	-	-	-	3.94E-04	3.94E-04	-	-	3.94E-04	3.94E-04
dioxins and furans	3.48E-09	0.00000805	57%	3.4615E-06	-	-	-	3.48E-09	1.00E-03	-	-	3.48E-09	1.00E-03
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**1.08E+00**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**1.08E+00**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Ground Level Concentration Grid Maximum (1 hr annual average)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user.
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user.
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user.
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user.
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user.

CoPC	Ground Level Concentration Grid Maximum (1 hr annual average) (µg/m3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	2.27E-04	1	0%	1	-	-	-	1.90E-05	1.90E-05	-	-	1.90E-05	1.90E-05
cadmium	3.03E-03	0.005	20%	0.004	-	-	-	2.53E-04	6.32E-02	-	-	2.53E-04	6.32E-02
chromium VI	3.03E-03	0.1	0%	0.1	-	-	-	2.53E-04	2.53E-03	-	-	2.53E-04	2.53E-03
lead	1.21E-02	0.5	0%	0.5	-	-	-	1.01E-03	2.02E-03	-	-	1.01E-03	2.02E-03
mercury	1.45E-02	0.2	10%	0.18	-	-	-	1.21E-03	6.74E-03	-	-	1.21E-03	6.74E-03
nickel	3.03E-03	0.02	20%	0.016	-	-	-	2.53E-04	1.58E-02	-	-	2.53E-04	1.58E-02
selenium	5.76E-04	21	60%	8.4	-	-	-	4.80E-05	5.72E-06	-	-	4.80E-05	5.72E-06
vanadium	3.94E-04	1	0%	1	-	-	-	3.29E-05	3.29E-05	-	-	3.29E-05	3.29E-05
dioxins and furans	3.48E-09	0.00000805	57%	3.4615E-06	-	-	-	2.90E-10	8.37E-05	-	-	2.90E-10	8.37E-05
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**9.04E-02**	**Total ILCR (Child)**	**0.00E+00**	**Hazard Index (∑HQ) (Child)**	**9.04E-02**

Health Risk Calculations - Inhalation of Vapour

Site Weston Aluminium Thermal Waste Processing Facility
Address 129 Mitchell Avenue, Kurri Kurri in the Hunter Valley, NSW
Client Weston Aluminium
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\ \left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED\,(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Ground Level Concentration Grid Maximum (1 hr annual average)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Ground Level Concentration Grid Maximum (1 hr annual average) (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
arsenic	2.27E-04	1	0%	1	-	-	-	5.61E-05	5.61E-05
cadmium	3.03E-03	0.005	20%	0.004	-	-	-	7.48E-04	1.87E-01
chromium VI	3.03E-03	0.1	0%	0.1	-	-	-	7.48E-04	7.48E-03
lead	1.21E-02	0.5	0%	0.5	-	-	-	2.99E-03	5.98E-03
mercury	1.45E-02	0.2	10%	0.18	-	-	-	3.59E-03	1.99E-02
nickel	3.03E-03	0.02	20%	0.016	-	-	-	7.48E-04	4.67E-02
selenium	5.76E-04	21	60%	8.4	-	-	-	1.42E-04	1.69E-05
vanadium	3.94E-04	1	0%	1	-	-	-	9.72E-05	9.72E-05
dioxins and furans	3.48E-09	0.00000805	57%	3.4615E-06	-	-	-	8.58E-10	2.48E-04
						Total ILCR (Adult)	**0.00E+00**	**Hazard Index (∑HQ) (Adultl)**	**2.67E-01**